



Deutscher Wetterdienst

## 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

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Número

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# Beobachtungen und Messungen der Wetterstationen des DWD

Jahrgang 4

DIENSTAG den 14. April 1998

Nummer 104

| Station              | Höhe | 00 Uhr UTC |       |       |       |       |       |       |       |       |       | 18-24 |
|----------------------|------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |      | iii        | lihVV | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRr | 7wwWw | 8NCCC |       |
|                      | Rx   |            |       | n     | n     | nddd  |       | R     | 12    | hLMH  | xx    | gg    |
| Helgoland            | 4    | 015        | 11482 | 32618 | 10054 | 21002 | 49995 | 51014 | 69901 | 70181 | 81101 | 27 33 |
| List/Sylt            | 26   | 020        | 11475 | 62716 | 10044 | 20010 | 49979 | 53018 | 69931 | 70282 | 81802 | 28    |
| Leck                 | 7    | 022        | 11480 | 72505 | 10031 | 20006 | 49992 | 52018 | 60021 | 70382 | 84801 |       |
| Husum                | 28   | 026        | 11480 | 62407 | 10036 | 20026 | 49988 | 53010 | 69901 | 70282 | 86800 |       |
| Glücksburg/Meierwik  | 27   | 033        | 11470 | 42310 | 10038 | 20022 | 49988 | 52017 |       | 72582 | 84800 |       |
| Schleswig            | 43   | 035        | 11370 | 62110 | 10031 | 20024 | 40000 | 53017 | 60011 | 72581 | 86800 |       |
| Hohn                 | 12   | 038        | 11365 | 82310 | 10021 | 20009 | 40002 | 52019 |       | 78086 | 8292/ |       |
| Kiel-Holtenua        | 31   | 046        | 11470 | 72412 | 10025 | 20013 | 40001 | 52014 |       |       | 87500 |       |
| Westermarke/dorf     | 8    | 055        | 11480 | 62216 | 10046 | 20018 | 49998 | 53010 |       |       | 86500 | 25    |
| Arkona               | 42   | 091        | 12975 | 12311 | 10035 | 20004 | 40009 | 53005 |       |       | 81030 |       |
| Norderney            | 11   | 113        | 11465 | 82210 | 10037 | 20008 | 40005 | 51008 | 60021 | 78882 | 8521/ | 23 29 |
| Bremerhaven          | 7    | 129        | 11481 | 52513 | 10032 | 20011 | 40018 | 53009 | 69911 | 72582 | 85200 | 26    |
| Cuxhaven             | 5    | 131        | 11475 | 72307 | 10027 | 20017 | 40009 | 52015 | 60041 | 72581 | 8222/ | 32    |
| Hamburg, Flugh.      | 16   | 147        | 11470 | 72312 | 10035 | 20006 | 40018 | 53011 | 69901 | 70281 | 878// |       |
| Lübeck-Blankensee    | 14   | 156        | 16/60 | /2411 | 10040 | 20013 | 40012 | 53012 | 69901 |       |       |       |
| Boltenhagen          | 15   | 161        | 32680 | 42315 | 10037 | 20014 | 40010 | 53010 |       |       | 84200 |       |
| Schwerin             | 59   | 162        | 32480 | 62417 | 10039 | 20007 | 40014 | 53010 |       |       | 86500 | 25    |
| Rostock-Warnemünde   | 4    | 170        | 32570 | 52107 | 10041 | 20001 | 40005 | 53009 |       |       | 85200 |       |
| Teterow              | 46   | 177        | 36/60 | /2209 | 10034 | 20008 | 40017 | 52009 |       |       |       |       |
| Barth                | 7    | 180        | 36/60 | /2005 | 10027 | 20000 | 40004 | 53006 |       |       |       |       |
| Greifswald           | 2    | 184        | 32975 | 02306 | 10038 | 21007 | 40014 | 53007 |       |       |       |       |
| Ueckermünde          | 1    | 193        | 36/59 | /2206 | 10023 | 21026 | 40024 | 53007 |       |       |       |       |
| Emden-Flugplatz      | 0    | 200        | 11470 | 62308 | 10025 | 20017 | 40012 | 51004 | 60031 | 78087 | 83202 |       |
| Oldenburg            | 11   | 215        | 11468 | 82408 | 10027 | 20011 | 40019 | 52006 | 69901 | 72161 | 875// |       |
| Bremen, Flugh.       | 3    | 224        | 11480 | 72410 | 10029 | 20006 | 40027 | 52008 | 69961 | 70281 | 878// |       |
| Soltau               | 77   | 235        | 16/// | /2409 | 10027 | 20009 | 40032 | 53007 | 69901 |       |       |       |
| Boizenburg           | 45   | 249        | 36/60 | /2612 | 10032 | 20000 | 40026 | 52010 |       |       |       |       |
| Lüchow               | 17   | 253        | 36/60 | /2206 | 10021 | 20001 | 40032 | 52013 |       |       |       |       |
| Seehausen            | 21   | 261        | 36/60 | ////  | 10030 | 20003 | 40038 | 53012 |       |       |       |       |
| Marnitz              | 81   | 264        | 36/60 | /2309 | 10034 | 20006 | 40025 | 53011 |       |       |       |       |
| Neuruppin            | 38   | 270        | 32965 | 12606 | 10027 | 20000 | 40031 | 53009 |       |       | 80001 |       |
| Neubrandenburg       | 81   | 280        | 32970 | 12310 | 10025 | 21001 | 40021 | 53006 |       |       | 80002 |       |
| Angermünde           | 56   | 291        | 32981 | 62507 | 10022 | 21016 | 40027 | 53009 |       |       | 80008 |       |
| Lingen               | 24   | 305        | 16/// | /2005 | 10017 | 20006 | 40034 | 52006 | 69911 |       |       |       |
| Münster/Osnabrück    | 48   | 315        | 11960 | 12106 | 10011 | 20000 | 40044 | 51003 | 69901 | 70181 | 80001 |       |
| Osnabrück            | 95   | 317        | 36/60 | /2308 | 10010 | 21006 | 40041 | 52004 |       |       |       |       |
| Diepholz             | 39   | 321        | 11480 | 32408 | 10016 | 21002 | 40034 | 51006 | 69901 | 70181 | 82801 |       |
| Bad Salzungen        | 165  | 325        | 36/58 | /1905 | 10011 | 21007 | 40045 | 53004 |       |       |       |       |
| Hannover, Flugh.     | 56   | 318        | 11980 | 12409 | 10023 | 21004 | 40040 | 53007 | 69901 | 70281 | 81030 |       |
| Braunschweig         | 81   | 348        | 11980 | 02407 | 10021 | 21007 | 40045 | 53007 | 69901 | 70181 |       |       |
| Gardlegen            | 47   | 359        | 36/60 | /2407 | 10031 | 20000 | 40038 | 53011 |       |       |       |       |
| Magdeburg            | 79   | 361        | 32975 | 02505 | 10024 | 20002 | 40044 | 51011 |       |       |       |       |
| Potsdam              | 81   | 379        | 32980 | 32509 | 10018 | 21008 | 40040 | 53010 |       |       | 80001 |       |
| Berlin-Dahlem        | 51   | 381        | 32975 | 32908 | 10040 | 21011 | 40037 | 52009 |       |       | 80001 |       |
| Berlin-Tegel, Flugh. | 37   | 382        | 32982 | 22705 | 10029 | 21018 | 40031 | 51009 |       |       | 80001 |       |
| Berlin-Temp., Flugh. | 50   | 384        | 32983 | 02707 | 10041 | 21009 | 40034 | 52010 |       |       | 80001 |       |
| Berlin-Schönefeld    | 47   | 385        | 32977 | 32505 | 10022 | 21018 | 40035 | 52011 |       |       | 80001 |       |
| Lindenberg           | 98   | 393        | 32980 | 73105 | 10019 | 21014 | 40037 | 52013 |       |       | 80008 |       |
| Manschnow            | 12   | 396        | 36/60 | /2403 | 10008 | 20001 | 40026 | 52012 |       |       |       |       |
| Dösselndorf, Flugh.  | 45   | 400        | 32975 | 02209 | 10011 | 21004 | 40059 | 55000 |       |       |       |       |
| Bocholt              | 21   | 406        | 16/60 | /2106 | 10009 | 21009 | 40043 | 57001 | 69901 |       |       |       |
| Essen                | 152  | 410        | 16/// | /1908 | 10010 | 20000 | 40058 | 52001 | 69921 |       |       |       |
| Lödenscheid          | 387  | 418        | 16/59 | /2506 | 11005 | 21014 | 40058 | 55000 | 69971 |       |       |       |
| Kahler Asten         | 839  | 427        | 11/03 | 92610 | 11032 | 21034 | 48338 | 55000 | 69961 | 78584 |       |       |
| Bad Lippspringe      | 157  | 430        | 16/// | /1804 | 10004 | 21013 | 40055 | 53003 | 69901 |       |       |       |
| Kassel               | 231  | 438        | 11985 | 21701 | 11001 | 21017 | 40058 | 51005 | 69901 | 70381 | 80001 |       |
| Göttingen            | 167  | 444        | 16/60 | /0000 | 10006 | 21019 | 40058 | 52005 | 69901 |       |       | 21 29 |
| Lünefelde            | 356  | 449        | 16/// | /2706 | 11002 | 21022 | 40059 | 53005 | 69901 |       |       |       |
| Braunlage            | 607  | 452        | 16/60 | /2505 | 11008 | 21030 | 40053 | 53005 | 69901 |       |       |       |
| Brocken              | 1142 | 453        | 11/00 | 92523 | 11051 | 21059 | 48331 | 50003 | 69901 | 77887 |       | 30 38 |
| Artern               | 164  | 460        | 32981 | 02406 | 10016 | 21001 | 40056 | 51012 |       |       |       |       |
| Leipzig-Schkeuditz   | 144  | 469        | 32980 | 02506 | 10023 | 21012 | 40050 | 51013 |       |       |       |       |
| Wittenberg           | 105  | 474        | 32981 | 02603 | 10019 | 21018 | 40043 | 53010 |       |       |       |       |
| Oschatz              | 150  | 480        | 32984 | 02907 | 10031 | 21012 | 40050 | 53013 |       |       |       |       |
| Dresden-Klotzsche    | 230  | 488        | 32980 | 12806 | 10024 | 21031 | 40048 | 53011 |       |       | 80001 |       |
| Doblerug-Kirchhain   | 97   | 490        | 16/// | /2907 | 10008 | 21012 | 40045 | 53014 |       |       |       |       |
| Cottbus              | 69   | 496        | 32682 | 73002 | 10012 | 20012 | 40037 | 53010 |       |       | 875// |       |
| Görlitz              | 237  | 499        | 32966 | 52303 | 10011 | 21015 | 40039 | 53006 |       |       | 80008 |       |
| Aachen               | 202  | 501        | 32582 | 82106 | 10013 | 21007 | 40061 | 57002 |       |       | 83501 |       |
| Nörvenich            | 118  | 502        | 42780 | 22104 | 10009 | 21016 | 40066 | 50000 |       |       | 81501 |       |
| Nürburg/Barweiler    | 485  | 506        | 11257 | 72406 | 11012 | 21022 | 40070 | 55004 | 69901 | 70381 | 872// | 27    |
| Köln/Bonn, Flugh.    | 91   | 513        | 32682 | 31304 | 11001 | 21010 | 40061 | 54000 |       |       | 83400 |       |
| Mendig               | 182  | 514        | 42765 | 31905 | 11003 | 21017 | 40076 | 53001 |       |       | 83500 |       |
| Bendorf              | 127  | 515        | 36/60 | /2303 | 10022 | 21001 | 40067 | 56001 |       |       |       |       |
| Bad Marienberg       | 547  | 526        |       |       |       |       |       |       |       |       |       |       |
| Giessen              | 186  | 532        | 32980 | 31902 | 10007 | 21015 | 40079 | 51003 |       |       | 80001 |       |
| Bad Hersfeld         | 273  | 542        | 36/60 | /1905 | 11012 | 21025 | 40072 | 52006 |       |       |       |       |
| Wasserkuppe          | 921  | 544        | 32263 | 32504 | 10336 | 21043 | 48352 | 51003 |       |       | 82501 |       |
| Weinungen            | 450  | 548        | 32980 | 03105 | 10009 | 21033 | 40065 | 53004 |       |       |       |       |
| Schmücke             | 937  | 552        | 36/// | /2706 | 11027 | 21048 | 48349 | 51004 |       |       |       |       |
| Erfurt-Bindersleben  | 315  | 554        | 32989 | 02507 | 11007 | 21028 | 40060 | 51006 |       |       |       |       |
| Neuhaus a.R.         | 845  | 557        | 32989 | 13005 | 11025 | 21058 | 48346 | 53004 |       |       | 80001 |       |
| Gera-Leumnitz        | 311  | 567        | 32987 | 12907 | 10015 | 21020 | 40051 | 51011 |       |       | 80001 |       |
| Chemnitz             | 418  | 577        | 32982 | 23108 | 10021 | 21026 | 40055 | 53013 |       |       | 82040 |       |
| Fichtelberg          | 1213 | 578        | 11484 | 43015 | 11039 | 21063 | 48347 | 51012 | 69901 | 70371 | 81531 |       |
| Zinnwald-Georg.      | 877  | 582        | 36/60 | /3007 | 11011 | 21060 | 48349 | 52004 |       |       |       |       |
| Lichtenhain/Mittelnd | 300  | 591        | 36/60 | /1102 | 10001 | 21024 | 40048 | 51007 |       |       |       |       |
| Trier-Petrisberg     | 265  | 609        | 32980 | 12406 | 11001 | 21022 | 40075 | 54000 |       |       | 80001 |       |
| Deuselbach           | 480  | 615        | 36/// | /2206 | 11013 | 21023 | 40084 | 50000 |       |       |       |       |
| Hahn                 | 491  | 616        |       |       |       |       |       |       |       |       |       |       |
| Kl.Feldberg/Ts.      | 805  | 635        | 36/60 | /3007 | 11034 | 21037 | 48352 | 53001 |       |       |       |       |
| Frankfurt/M, Flugh.  | 111  | 637        | 32978 | 22003 | 10017 | 21015 | 40074 | 51007 |       |       | 80001 |       |
| Michelstadt/Vielbrun | 453  | 648        | 36/60 | /2703 | 10001 | 21033 | 40080 | 51007 |       |       |       |       |
| Würzburg             | 268  | 655        | 32982 | 73005 | 10033 | 21025 | 40065 | 52010 |       |       | 80008 |       |
| Bad Kissingen        | 262  | 658        | 36/60 | /2003 | 10021 | 21033 | 40066 | 51009 |       |       |       |       |
| Coburg               | 322  | 671        | 36/60 | /0701 | 11008 | 21043 | 40071 | 53008 |       |       |       |       |
| Bamberg              | 239  | 675        | 36/60 | /1301 | 11017 | 21025 | 40070 | 53010 |       |       |       |       |
| Hof                  | 567  | 685        | 32775 | 53305 | 10006 | 21039 | 40058 | 53008 |       |       | 85500 |       |
| Weiden               | 438  | 688        | 32780 | 81002 | 10011 | 21019 | 40060 | 53005 |       |       | 875// |       |
| Berus                | 363  | 704        | 36/59 | /2507 | 11007 | 21027 | 40083 | 51001 |       |       |       |       |
| Tholey               | 396  | 706        | 36/60 | /2304 | 11008 | 21025 | 40087 | 52003 |       |       |       |       |
| Saarbrücken, Flugh.  | 322  | 708        | 32975 | 21403 | 11010 | 21024 | 40086 | 52004 |       |       | 80001 |       |
| Weinbiet             | 553  | 724        | 36/60 | /2814 | 11008 | 21043 | 40077 | 50003 |       |       |       |       |
| Karlsruhe            | 112  | 727        | 36/60 | /2210 | 10029 | 20005 | 40083 | 51011 |       |       |       |       |
| Mannheim             | 96   | 729        | 32670 | 73104 | 10035 | 21017 | 40075 | 51010 |       |       | 83502 |       |
| Stuttgart, Flugh.    | 396  | 738        | 32782 | 72605 | 10015 | 21002 | 40077 | 52008 |       |       | 835// |       |
| Stuttgart/Scharrenb  | 314  | 739        | 32880 | 83305 | 10032 | 21028 | 40078 | 52006 |       |       | 84037 |       |
| Öhringen             | 276  | 742        | 36/60 | /2604 | 10029 | 21014 | 40085 | 53011 |       |       |       |       |
|                      |      |            |       |       |       |       |       |       |       |       |       |       |

03 Uhr UTC

00-03

| Station              | Hoehe<br>m | iii<br>Rx | lihVV<br>Rx | Nddff | 1sTTT<br>n | 2sTTT<br>n | 4PPPP<br>n | 5appp | 7wwWW<br>12 | 8NCCC<br>hLMM | ff-ff<br>xx gg |
|----------------------|------------|-----------|-------------|-------|------------|------------|------------|-------|-------------|---------------|----------------|
| Helgoland            | 4          | 015       | 41481       | 51921 | 10036      | 20021      | 40001      | 51006 | 70281       | 83801         | 23 34          |
| List/Sylt            | 26         | 020       | 42580       | 52512 | 10038      | 21010      | 49989      | 51010 |             | 82201         |                |
| Leck                 | 7          | 022       | 42482       | 72105 | 10012      | 21009      | 40003      | 52011 |             | 878//         |                |
| Husum                | 28         | 026       | 42480       | 51903 | 10014      | 20008      | 40001      | 52013 |             | 85800         |                |
| Glücksburg/Meierwik  | 27         | 033       | 42470       | 42109 | 10024      | 20010      | 40000      | 52012 |             | 84800         |                |
| Schleswig            | 43         | 035       | 41365       | 61906 | 10021      | 20003      | 40012      | 51012 | 72162       | 86801         |                |
| Hohn                 | 12         | 038       | 41370       | 71905 | 10020      | 20009      | 40011      | 52009 |             | 72686         | 879//          |
| Kiel-Holtenua        | 31         | 046       | 41458       | 82510 | 10021      | 20014      | 40013      | 52012 | 78082       | 878//         |                |
| Westermarkeisdorf    | 3          | 055       | 42589       | 72113 | 10017      | 20017      | 40010      | 53015 |             | 875//         |                |
| Arkona               | 42         | 091       | 42475       | 32412 | 10024      | 20009      | 40019      | 51010 |             | 83800         |                |
| Norderney            | 11         | 113       | 41468       | 82311 | 10044      | 20004      | 40007      | 51002 | 72582       | 8421//        |                |
| Bremerhaven          | 7          | 129       | 42481       | 72216 | 10036      | 20016      | 40023      | 51005 |             | 878//         |                |
| Cuxhaven             | 5          | 131       | 41475       | 62411 | 10032      | 20016      | 40015      | 52006 | 70281       | 86800         |                |
| Hamburg, Flugh.      | 16         | 147       | 41463       | 72308 | 10029      | 20001      | 40025      | 53006 | 70282       | 876//         |                |
| Lübeck-Blankensee    | 14         | 156       | 46/60       | 2308  | 10035      | 20004      | 40021      | 53009 |             |               |                |
| Boltenhagen          | 15         | 161       | 42681       | 72310 | 10036      | 20006      | 40021      | 52011 |             | 872//         |                |
| Schwerin             | 59         | 162       | 42570       | 82512 | 10033      | 21005      | 40025      | 51010 |             | 875//         |                |
| Rostock-Warnemünde   | 4          | 170       | 42970       | 72207 | 10041      | 20001      | 40014      | 51009 |             | 80006         |                |
| Teterow              | 46         | 177       | 46/60       | 2507  | 10032      | 20006      | 40030      | 51012 |             |               |                |
| Barth                | 7          | 180       | 46/60       | 2107  | 10036      | 20007      | 40016      | 51012 |             |               |                |
| Greifswald           | 2          | 184       | 42475       | 22607 | 10025      | 20002      | 40026      | 53012 |             | 82500         |                |
| Ueckermünde          | 1          | 193       | 46/59       | 2306  | 10015      | 21019      | 40035      | 51011 |             |               |                |
| Emden-Flugplatz      | 0          | 200       | 41365       | 72115 | 10022      | 20009      | 40015      | 53003 | 70382       | 878//         |                |
| Oldenburg            | 11         | 215       | 42470       | 82408 | 10024      | 20007      | 40025      | 51005 |             | 876//         |                |
| Bremen, Flugh.       | 3          | 224       | 42480       | 72310 | 10021      | 21007      | 40031      | 51004 |             | 878//         |                |
| Soltau               | 77         | 235       | 46///       | 2409  | 10019      | 21005      | 40038      | 51006 |             |               |                |
| Boizenburg           | 45         | 249       | 46/60       | 2509  | 10032      | 21005      | 40034      | 52008 |             |               |                |
| Lüchow               | 17         | 253       | 46/60       | 2206  | 10026      | 20004      | 40040      | 52008 |             |               |                |
| Seehausen            | 26         | 261       | 46/60       | 2107  | 10025      | 21003      | 40046      | 53007 |             |               |                |
| Marnitz              | 81         | 264       | 46/60       | 2308  | 10027      | 21003      | 40036      | 52010 |             |               |                |
| Neuruppin            | 38         | 270       | 42965       | 02303 | 10009      | 21003      | 40041      | 51009 |             |               |                |
| Neubrandenburg       | 81         | 280       | 42468       | 72410 | 10021      | 20006      | 40033      | 53011 |             | 875//         |                |
| Angermünde           | 56         | 291       | 42981       | 62707 | 10011      | 21008      | 40038      | 53011 |             | 80008         |                |
| Lingen               | 24         | 305       | 46///       | 2006  | 10004      | 21003      | 40032      | 58003 |             |               |                |
| Münster/Osnabrück    | 48         | 315       | 43957       | 42108 | 10008      | 21001      | 40043      | 55001 |             | 80001         |                |
| Osnabrück            | 95         | 317       | 46/56       | 2107  | 10003      | 21009      | 40040      | 55001 |             |               |                |
| Diepholz             | 39         | 321       | 42565       | 22005 | 11010      | 21019      | 40037      | 51002 |             | 81801         |                |
| Bad Salzungen        | 135        | 325       | 46/59       | 1903  | 10002      | 21012      | 40043      | 53003 |             |               |                |
| Hannover, Flugh.     | 56         | 318       | 42970       | 02306 | 10008      | 21013      | 40043      | 53003 |             |               |                |
| Braunschweig         | 81         | 348       | 42980       | 12305 | 10010      | 21014      | 40051      | 52005 | 81030       |               |                |
| Gardelegen           | 47         | 359       | 46/60       | 1903  | 10007      | 21016      | 40045      | 52006 |             |               |                |
| Magdeburg            | 79         | 361       | 42968       | 22405 | 10009      | 21007      | 40050      | 52005 |             | 80001         |                |
| Potsdam              | 81         | 379       | 42972       | 72609 | 10003      | 21007      | 40050      | 53009 |             | 80001         |                |
| Berlin-Dahlem        | 51         | 381       | 42975       | 22708 | 10023      | 20004      | 40048      | 52010 |             | 80001         |                |
| Berlin-Tegel, Flugh. | 37         | 382       | 42980       | 12705 | 10009      | 21014      | 40043      | 51011 |             | 80001         |                |
| Berlin-Temp., Flugh. | 50         | 384       | 42983       | 12707 | 10022      | 20004      | 40046      | 53011 |             | 80001         |                |
| Berlin-Schönefeld    | 47         | 385       | 42974       | 12105 | 10003      | 21020      | 40048      | 53012 |             | 80001         |                |
| Lindenberg           | 98         | 393       | 42970       | 02907 | 10008      | 21014      | 40048      | 52010 |             |               |                |
| Manschnow            | 12         | 396       | 46/60       | 2708  | 10020      | 21004      | 40037      | 53011 |             |               |                |
| Dasselndorf, Flugh.  | 45         | 400       | 42975       | 32206 | 10001      | 21015      | 40059      | 55000 |             | 80001         |                |
| Bocholt              | 21         | 406       | 46/58       | 2208  | 10004      | 21014      | 40044      | 53001 |             |               |                |
| Essen                | 152        | 410       | 42970       | 22008 | 10001      | 21011      | 40059      | 55000 |             | 81031         |                |
| Lödenscheid          | 387        | 418       | 46/59       | 2407  | 11011      | 21021      | 40058      | 55001 |             |               |                |
| Kahler Asten         | 839        | 427       | 41/03       | 92413 | 11033      | 21035      | 48338      | 55000 | 74944       |               |                |
| Bad Lippspringe      | 157        | 430       | 46///       | 1703  | 11007      | 21023      | 40055      | 55001 |             |               |                |
| Kassel               | 231        | 438       | 42970       | 21703 | 11013      | 21021      | 40061      | 51002 |             | 80002         |                |
| Göttingen            | 167        | 444       | 46/60       | 1403  | 11008      | 21027      | 40061      | 52002 |             |               |                |
| Leinefelde           | 356        | 449       | 46///       | 2302  | 11012      | 21030      | 40063      | 52002 |             |               |                |
| Braunlage            | 607        | 452       | 46/60       | 2505  | 11013      | 21037      | 40055      | 55001 |             |               |                |
| Brocken              | 1142       | 453       | 41/65       | 72523 | 11057      | 21066      | 48333      | 53002 | 77874       | 875//         | 26 32          |
| Artern               | 164        | 460       | 42980       | 02205 | 10000      | 21008      | 40064      | 52007 |             |               |                |
| Leipzig-Schkeuditz   | 144        | 469       | 42975       | 12507 | 10007      | 21014      | 40061      | 52010 |             | 81030         |                |
| Wittenberg           | 105        | 474       | 42975       | 02703 | 11002      | 21019      | 40053      | 52009 |             |               |                |
| Oschatz              | 150        | 480       | 42985       | 22407 | 10002      | 21014      | 40065      | 53013 |             | 82050         |                |
| Dresden-Klotzsche    | 230        | 488       | 42878       | 52306 | 10006      | 21030      | 40065      | 53015 |             | 85500         |                |
| Doberlug-Kirchhain   | 97         | 490       | 46///       | 2305  | 11001      | 21013      | 40058      | 52013 |             |               |                |
| Cottbus              | 69         | 496       | 42981       | 12403 | 10003      | 21005      | 40050      | 51012 |             |               |                |
| Görlitz              | 237        | 499       | 42970       | 02807 | 10011      | 21024      | 40051      | 53011 |             |               |                |
| Aachen               | 202        | 501       | 41684       | 32109 | 10009      | 21006      | 40056      | 57005 | 70181       | 81501         |                |
| Nörvenich            | 118        | 502       | 42780       | 22106 | 10013      | 21011      | 40064      | 55002 |             | 81531         |                |
| Nürnberg/Barweiler   | 485        | 506       | 42364       | 82509 | 11011      | 21026      | 40069      | 55000 |             | 888//         |                |
| Köln/Bonn, Flugh.    | 91         | 513       | 42781       | 51407 | 10005      | 21009      | 40059      | 55002 |             | 82532         |                |
| Mendig               | 182        | 514       | 42765       | 21606 | 11017      | 21026      | 40077      | 55000 |             | 82500         |                |
| Bendorf              | 127        | 515       | 46/60       | 2504  | 10012      | 21004      | 40072      | 53005 |             |               |                |
| Bad Marienberg       | 547        | 526       |             |       |            |            |            |       |             | 80001         |                |
| Giessen              | 186        | 532       | 42977       | 21804 | 11013      | 21022      | 40082      | 53002 |             |               |                |
| Bad Hersfeld         | 273        | 542       | 46/60       | 2701  | 11019      | 21027      | 40076      | 53003 |             |               |                |
| Wasserkuppe          | 921        | 544       | 41/02       | 92306 | 11043      | 21043      | 48350      | 55000 | 74141       |               |                |
| Meiningen            | 450        | 548       | 42975       | 02303 | 11020      | 21033      | 40072      | 51005 |             |               |                |
| Schmücke             | 937        | 552       | 46///       | 2606  | 11039      | 21045      | 48349      | 53002 |             |               |                |
| Erfurt-Bindersleben  | 315        | 554       | 42989       | 02507 | 11026      | 21035      | 40067      | 51005 |             |               |                |
| Neuhaus a.R.         | 845        | 557       | 42988       | 12705 | 11025      | 21071      | 48349      | 52003 |             | 80001         |                |
| Gera-Leumnitz        | 311        | 567       | 42986       | 22105 | 11011      | 21025      | 40064      | 53009 |             | 82031         |                |
| Chemnitz             | 418        | 577       | 42982       | 52504 | 10006      | 21022      | 40066      | 53008 |             | 85030         |                |
| Fichtelberg          | 1213       | 578       | 42484       | 63010 | 11050      | 21066      | 48350      | 51005 |             | 82531         |                |
| Zinnwald-Georg.      | 877        | 582       | 46/60       | 2907  | 11024      | 21047      | 48353      | 51007 |             |               |                |
| Lichtenhain/Mittelnd | 300        | 591       | 46/60       | 2804  | 10000      | 21031      | 40062      | 51014 |             |               |                |
| Trier-Petrisberg     | 265        | 609       | 42770       | 62804 | 11006      | 21018      | 40082      | 55000 | 81530       |               |                |
| Deuselbach           | 480        | 615       | 46///       | 2408  | 11006      | 21018      | 40082      | 55000 |             |               |                |
| Hahn                 | 491        | 616       |             |       |            |            |            |       |             |               |                |
| Kl.Feldberg/Ts.      | 805        | 635       | 46/60       | 2306  | 11036      | 21039      | 48351      | 55000 |             |               |                |
| Frankfurt/M, Flugh.  | 111        | 637       | 42978       | 21904 | 11005      | 21023      | 40079      | 53004 |             | 80001         |                |
| Michelstadt/Vielbrun | 453        | 648       | 46/60       | 2406  | 11006      | 21035      | 40081      | 55000 |             |               |                |
| Würzburg             | 268        | 655       | 42981       | 42203 | 10015      | 21024      | 40075      | 53007 |             | 80002         |                |
| Bad Kissingen        | 262        | 658       | 46/60       | 0000  | 11002      | 21024      | 40076      | 51006 |             |               |                |
| Coburg               | 322        | 671       | 46/60       | 0902  | 11031      | 21049      | 40082      | 53008 |             |               |                |
| Bamberg              | 239        | 675       | 46/60       | 1202  | 11019      | 21024      | 40080      | 53009 |             |               |                |
| Hof                  | 567        | 685       | 42775       | 31801 | 11018      | 21029      | 40072      | 51007 | 83500       |               |                |
| Weiden               | 438        | 688       | 42880       | 72902 | 10001      | 21022      | 40068      | 50007 | 875//       |               |                |
| Ereus                | 363        | 704       | 46/59       | 2308  | 11013      | 21025      | 40085      | 54000 |             |               |                |
| Tholey               | 396        | 706       | 46/60       | 2304  | 11018      | 21030      | 40088      | 55000 |             |               |                |
| Saarbrücken, Flugh.  | 322        | 708       | 42670       | 52206 | 11008      | 21023      | 40087      | 53001 |             | 85500         |                |
| Weinbiet             | 553        | 724       | 46/60       | 2710  | 11014      | 21040      | 40082      | 53003 |             |               |                |
| Karlsruhe            | 112        | 727       | 46/60       | 2212  | 10019      | 21001      | 40087      | 52003 |             |               |                |
| Mannheim             | 96         | 729       | 42970       | 31604 | 11007      | 21023      | 40082      | 53005 |             | 80001         |                |
| Stuttgart, Flugh.    | 396        | 738       | 42980       | 72401 | 10001      | 21016      | 40088      | 51007 |             | 8703//        |                |
| Stuttgart/Schnarrenb | 314        | 739       | 42982       | 72403 | 10015      | 21028      | 40087      | 52008 |             | 80008         |                |
| Öhringen             | 276        | 742       | 46/60       | 2802  | 10008      | 21020      | 40094      | 53006 |             |               |                |
| Weissenburg          | 422        | 761       | 46/60       | 2401  | 10017      | 21015      | 40079      | 51011 |             |               |                |
| Münster              | 318        | 763       | 42975       | 73102 | 10002      | 21021      | 40079      | 53010 |             | 84018         |                |
| Regensburg           | 366        | 776       | 42775       | 83001 | 10023      | 21007      | 40071      | 53011 |             | 8453//        |                |
| Straubing            | 350        | 788       | 41575       | 82909 | 10034      | 21002      | 40061      | 53008 | 70262       | 885//         |                |
| Gr. Arber            | 1437       | 791       | 46///       | 3612  | 11050      | 21064      | 48355      | 52002 |             |               |                |
| Freiburg             | 269        | 803       | 42673       | 71808 | 10023      | 21010      | 40100      | 54000 |             | 878//         |                |
| Lahr                 | 156        | 805       | 42770       | 31705 | 10009      | 21007      | 40094      | 50000 |             | 81530         |                |
| Freudenstadt         | 797        | 815       | 46/60       | 2505  | 11025      | 21035      | 483        |       |             |               |                |

| Station              | Hoehe    | iii   | ihVV  | Nddff | lsTTT | 2sTTT | 4PPPP | Sappp | 6RRRr | 7wwWW  | 8NCCC | ff-ff | lsTTT | 2sTTT | 3EsTT | 4Esse | 5SSSS | 7RRRR |
|----------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      | Rx       |       |       | n     | n     | n     | R     | R     | R     | 12     | hLMH  | xx    | gg    | nnxx  | nnnn  | ngg   |       | 2222  |
|                      |          |       |       |       |       |       |       |       |       |        |       |       |       |       |       |       |       | 4444  |
| Helgoland            | 4 015    | 11481 | 72715 | 10032 | 20021 | 40009 | 52008 | 60022 | 72781 | 879//  | 27 38 | 10059 | 20018 | 31001 |       |       | 55035 | 70037 |
| List/Sylt            | 26 020   | 11475 | 52010 | 10033 | 20005 | 49998 | 53009 | 69942 | 72511 | 83901  |       | 10054 | 20032 | 31002 |       |       | 55027 | 70009 |
| Leck                 | 7 022    | 11470 | 72209 | 10016 | 20001 | 40016 | 52013 | 60032 | 72781 | 86802  |       | 10053 | 20004 | 32102 |       |       | 55042 | 70038 |
| Husum                | 28 026   | 11482 | 72011 | 10021 | 20008 | 40018 | 52016 | 60012 | 70382 | 85831  |       | 10050 | 20009 | 31100 |       |       | 55034 | 70020 |
| Güßkow/Meierwik      | 27 033   | 11470 | 71708 | 10017 | 20011 | 40014 | 53014 | 60022 | 72682 | 85903  | 26    | 10055 | 20011 | 31000 |       |       | 55//  | 70025 |
| Schleswig            | 43 035   | 11465 | 72106 | 10023 | 20018 | 40022 | 52010 | 60032 | 78086 | 85831  |       | 10047 | 20012 | 31001 |       |       | 55//  | 70028 |
| Höhr                 | 12 040   | 11462 | 72008 | 10029 | 20016 | 40029 | 53007 | 60082 | 78087 | 86800  |       | 10052 | 20020 | 32001 |       |       | 55059 | 70086 |
| Kiel-Holtenau        | 31 046   | 11480 | 72108 | 10030 | 20016 | 40024 | 52011 | 69922 | 70282 | 875//  |       | 10045 | 20020 | 31001 |       |       | 55064 | 70004 |
| Westermarsdorf       | 3 055    | 12475 | 72211 | 10039 | 20017 | 40024 | 53014 |       |       | 878//  |       | 10073 | 20034 | 31003 |       |       | 55090 | 70000 |
| Arkona               | 42 091   | 12480 | 72309 | 10041 | 20009 | 40034 | 53015 |       |       | 878//  |       | 10047 | 20013 | 31100 |       |       | 55061 | 70000 |
| Norderney            | 11 113   | 11475 | 72108 | 10025 | 20006 | 40015 | 53008 | 60022 | 70282 | 878//  |       | 10056 | 20025 | 31001 |       |       | 55020 | 70039 |
| Bremerhaven          | 7 129    | 12474 | 72118 | 10024 | 20005 | 40031 | 53008 | 69912 |       | 878//  |       | 10053 | 20024 | 31002 |       |       | 55051 | 70005 |
| Cuxhaven             | 5 131    | 11478 | 82308 | 10026 | 20014 | 40023 | 52008 | 60062 | 72581 | 877//  |       | 10057 | 20015 | 31000 |       |       | 55065 | 70075 |
| Hamburg, Flugh.      | 16 147   | 11475 | 72210 | 10027 | 21008 | 40039 | 53014 | 69902 | 70282 | 875//  |       | 10062 | 20027 | 31001 |       |       | 55063 | 79999 |
| Lübeck-Blankensee    | 14 156   | 12570 | 72108 | 10032 | 21005 | 40034 | 53013 | 69902 |       | 878//  |       | 10072 | 20029 | 31002 |       |       | 55078 | 79999 |
| Boltenhagen          | 15 161   | 12681 | 72211 | 10033 | 20003 | 40034 | 53013 |       |       | 875//  |       | 10071 | 20029 | 31002 |       |       | 55065 | 70000 |
| Schwerin             | 59 162   | 12575 | 72103 | 10031 | 21005 | 40039 | 53014 |       |       | 875//  |       | 10070 | 20030 | 31002 |       |       | 55074 | 70000 |
| Rostock-Warnemünde   | 4 170    | 12580 | 82208 | 10040 | 21003 | 40030 | 53016 |       |       | 888//  |       | 10088 | 20036 | 31003 |       |       | 55031 | 70000 |
| Teterow              | 46 177   | 12570 | 72507 | 10033 | 21003 | 40044 | 53014 |       |       | 875//  |       | 10085 | 20019 | 31100 |       |       | 55065 | 70000 |
| Barth                | 7 180    | 12580 | 72107 | 10038 | 20002 | 40029 | 53013 |       |       | 878//  |       | 10084 | 20021 | 31001 |       |       | 55045 | 70000 |
| Greifswald           | 2 184    | 12580 | 62206 | 10037 | 21009 | 40040 | 53014 |       |       | 86500  |       | 10085 | 20014 | 31102 |       |       | 55059 | 70000 |
| Ueckermünde          | 1 193    | 12666 | 21904 | 10016 | 21014 | 40053 | 53018 |       |       | 82500  |       | 10078 | 20007 | 31101 |       |       | 55019 | 70000 |
| Emden-Flugplatz      | 0 200    | 11465 | 72209 | 10015 | 20002 | 40019 | 53004 | 60032 | 70182 | 868//  |       | 10053 | 20005 | 31100 |       |       | 55042 | 70059 |
| Oldenburg            | 11 215   | 11362 | 42006 | 10005 | 21005 | 40030 | 53005 | 69902 | 70162 | 82501  |       | 10050 | 20005 | 31101 |       |       | 55040 | 70016 |
| Bremen, Flugh.       | 3 224    | 12358 | 41908 | 10004 | 21007 | 40041 | 53009 | 69962 |       | 81631  |       | 10052 | 21005 | 31102 |       |       | 55057 | 70006 |
| Soltau               | 77 235   | 11556 | 52207 | 10006 | 21006 | 40048 |       |       |       | 71011  | 81532 | 10063 | 20005 | 31100 |       |       | 55059 | 79999 |
| Boizenburg           | 45 249   | 12572 | 32409 | 10022 | 21014 | 40048 | 53014 |       |       | 82501  |       | 10068 | 20022 | 31002 |       |       | 55075 | 70000 |
| Lächow               | 17 253   | 12975 | 22004 | 10018 | 20001 | 40054 | 53014 |       |       | 80001  |       | 10072 | 20009 | 31101 |       |       | 55088 | 70000 |
| Seehausen            | 21 261   | 12965 | 02206 | 10016 | 21007 | 40062 | 53016 |       |       |        |       | 10081 | 20009 | 30101 |       |       | 55076 | 70000 |
| Marnitz              | 81 264   | 12575 | 62307 | 10025 | 21014 | 40050 | 53014 |       |       | 86500  |       | 10074 | 20025 | 31001 |       |       | 55077 | 70000 |
| Neuruppin            | 38 270   | 12559 | 72205 | 10015 | 20002 | 40060 | 53019 |       |       | 875//  |       | 10085 | 20006 | 31102 |       |       | 55080 | 70000 |
| Neubrandenburg       | 81 280   | 12582 | 72515 | 10032 | 21007 | 40047 | 53015 |       |       | 875//  |       | 10080 | 20015 | 31101 |       |       | 55069 | 70000 |
| Angermünde           | 56 291   | 12468 | 42605 | 10022 | 20007 | 40056 | 53018 |       |       | 84500  |       | 10071 | 20001 | 31102 |       |       | 55026 | 70000 |
| Lingen               | 24 305   | 11550 | 12006 | 10002 | 21007 | 40036 | 53004 | 69912 | 71061 | 81500  |       | 10035 | 21001 | 31101 |       |       | 55038 | 70047 |
| Münster/Osnabrück    | 48 315   | 12958 | 11905 | 10002 | 21008 | 40048 | 53005 | 69902 |       | 80001  |       | 10043 | 21001 | 31102 |       |       | 55052 | 70008 |
| Osnabrück            | 95 317   | 13156 | 12106 | 10002 | 21014 | 40046 |       |       |       | 81031  |       | 10091 | 20005 | 31101 |       |       | 55048 | 70009 |
| Diepholz             | 39 324   | 13942 | 32006 | 11002 | 21013 | 40043 | 53006 | 69902 | 71011 | 80001  |       | 10046 | 21014 | 31104 |       |       | 55051 | 79999 |
| Bad Salzuflen        | 135 325  | 13465 | 51804 | 10004 | 21012 | 40055 | 53018 |       |       | 81101  |       | 10038 | 21002 | 31103 |       |       | 55051 | 70001 |
| Hannover, Flugh.     | 56 338   | 12562 | 62009 | 10016 | 21009 | 40052 | 53009 | 69902 |       | 81131  |       | 10063 | 20007 | 31103 |       |       | 55074 | 79999 |
| Braunschweig         | 81 348   | 12568 | 22105 | 10012 | 21014 | 40062 | 52011 | 69902 |       | 82201  |       | 10066 | 21003 | 31103 |       |       | 55103 | 79999 |
| Gardelegen           | 47 359   | 12970 | 02003 | 11001 | 21016 | 40059 | 53014 |       |       |        |       | 10081 | 21012 | 34104 |       |       | 55103 | 70000 |
| Magdeburg            | 79 361   | 12968 | 12205 | 10007 | 21015 | 40065 | 52015 |       |       | 80001  |       | 10087 | 20001 | 31102 |       |       | 55113 | 70000 |
| Potsdam              | 81 379   | 12972 | 12508 | 10002 | 21005 | 40067 | 53018 |       |       | 81030  |       | 10083 | 21003 | 30104 |       |       | 55066 | 70000 |
| Berlin-Dahlem        | 51 381   | 12980 | 12707 | 10023 | 21001 | 40068 | 53020 |       |       | 80001  |       | 10089 | 20016 | 30101 |       |       | 55068 | 70000 |
| Berlin-Tegel, Flugh. | 37 382   | 12975 | 12609 | 10020 | 21005 | 40062 | 53019 |       |       | 81031  |       | 10091 | 20005 | 31102 |       |       | 55065 | 70000 |
| Berlin-Temp., Flugh. | 50 384   | 12981 | 12707 | 10028 | 20000 | 40065 | 53019 |       |       | 81101  |       | 10090 | 20018 | 31102 |       |       | 55071 | 70000 |
| Berlin-Schönefeld    | 47 385   | 12468 | 12205 | 10003 | 21012 | 40066 | 53018 |       |       | 81131  |       | 10076 | 21013 | 31105 |       |       | 55045 | 70000 |
| Lindenberg           | 98 393   | 12969 | 12705 | 10007 | 21012 | 40068 | 53020 |       |       | 80004  |       | 10078 | 21004 | 31103 |       |       | 55045 | 70000 |
| Manschnow            | 12 396   | 12962 | 12306 | 10008 | 21004 | 40056 | 53019 |       |       | 80001  |       | 10071 | 20000 | 32103 |       |       | 55007 | 70005 |
| Düsseldorf, Flugh.   | 45 400   | 12682 | 41809 | 10015 | 21011 | 40057 | 55001 |       |       | 82531  |       | 10035 | 21006 | 31103 |       |       | 55051 | 70036 |
| Böhlolt              | 21 406   | 11956 | 21806 | 10004 | 21010 | 40042 | 55002 | 69902 | 71000 | 81031  |       | 10043 | 20000 | 31101 |       |       | 55044 | 70026 |
| Essen                | 152 410  | 12570 | 21908 | 10001 | 21010 | 40058 | 55001 | 69922 |       | 81531  |       | 10025 | 21006 | 34102 |       |       | 55058 | 70014 |
| Lüdenscheid          | 387 418  | 11362 | 52305 | 11009 | 21019 | 40061 | 53003 | 69972 | 7227/ | 84801  |       | 10010 | 21012 | 31103 | 40997 |       | 55054 | 70012 |
| Kahler Asten         | 839 427  | 11056 | 82310 | 11037 | 21041 | 48342 | 53006 | 69962 | 72844 | 886//  |       | 11015 | 21038 | 31104 | 47001 |       | 55053 | 79999 |
| Bad Lippspringe      | 157 430  | 12665 | 61805 | 10006 | 21015 | 40063 | 53019 |       |       | 81031  |       | 10092 | 21009 | 31104 |       |       | 55101 | 79999 |
| Kassel               | 231 438  | 12960 | 21803 | 11009 | 21017 | 40068 | 50007 | 69902 |       | 81042  |       | 10054 | 21016 | 31104 |       |       | 55103 | 79999 |
| Göttingen            | 167 444  | 12668 | 21104 | 11008 | 21023 | 40071 | 52010 | 69902 |       | 81541  |       | 10063 | 21021 | 34105 |       |       | 55104 | 79999 |
| Leinefelde           | 356 449  | 12568 | 72103 | 11005 | 21021 | 40075 | 53013 | 69902 |       | 8683// |       | 10057 | 21019 | 34106 |       |       | 55099 | 79999 |
| Braunlage            | 607 452  | 12365 | 52306 | 11018 | 21031 | 40067 | 53009 | 69902 |       | 85101  |       | 10030 | 21023 | 34104 |       |       | 55107 | 79999 |
| Brocken              | 1142 453 | 11/90 | 92322 | 11060 | 21069 | 48340 | 53008 | 69902 | 74972 | 26 32  |       | 11020 | 21063 | 3/106 | 41998 |       | 55109 | 79999 |
| Artern               | 164 460  | 12980 | 12206 | 11002 | 21010 | 40078 | 53014 |       |       | 80001  |       | 10090 | 21010 | 31103 |       |       | 55115 | 70000 |
| Leipzig-Schkeuditz   | 144 469  | 12965 | 12004 | 10000 | 21013 | 40078 | 53016 |       |       | 81031  |       | 10085 | 21009 | 31104 |       |       | 55096 | 70000 |
| Wittenberg           | 105 474  | 12970 | 12103 | 10002 | 21015 | 40071 | 53018 |       |       | 80001  |       | 10089 | 21007 | 31103 |       |       | 55075 | 70000 |
| Oschatz              | 150 480  | 12980 | 12301 | 10008 | 21011 | 40080 | 53015 |       |       | 81041  |       | 10081 | 21005 | 31103 |       |       | 55084 | 70000 |
| Dresden-Klotzsche    | 230 488  | 12570 | 72404 | 10017 | 21011 | 40080 | 53017 |       |       | 81031  |       | 10086 | 20006 | 31104 |       |       | 55090 | 70000 |
| Doberlug-Kirchhain   | 97 494   | 12965 | 12306 | 10007 | 21001 | 40075 | 53017 |       |       | 80004  |       | 10085 | 21009 | 31105 |       |       | 55046 | 70000 |
| Cottbus              | 69 496   | 12970 | 21101 | 10009 | 20001 | 40072 | 53022 |       |       | 82030  |       | 10086 | 21006 | 34104 |       |       | 55035 | 70001 |
| Görlitz              | 237 499  | 12970 | 23004 | 10018 | 21016 | 40071 | 53021 |       |       | 80001  |       | 10066 | 20002 | 31103 |       |       | 55065 | 70010 |
| Aachen               | 202 501  | 11982 | 52008 | 10011 | 21020 | 40054 | 56002 | 69902 | 70181 | 80001  |       | 10028 | 20004 | 31101 | 4/998 |       | 55086 | 70001 |
| Nörvenich            | 118 502  | 12370 | 13105 | 10020 | 21002 | 40064 | 54000 |       |       | 81501  |       | 10038 | 20024 | 31102 |       |       | 55110 |       |

| Station              | Hoeh | 09 Uhr UTC |       |       |       |       |       |       |        |       |       | Erdbodentemp. |       |       |      |      |      |      |
|----------------------|------|------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|---------------|-------|-------|------|------|------|------|
|                      |      | 09 Uhr UTC |       |       |       |       |       |       |        |       |       | 07 Uhr UTC    |       |       |      |      |      |      |
|                      |      | iii        | ihvV  | Nddff | 1sTTT | 2sTTT | 4PFFP | 5app  | 7wWw   | 8NOCC | ff-ff | 2sTTT         | 5sst  | sTTT  | sTTT | sTTT | sTTT |      |
| Rx                   | n    | ddd        | n     | ddd   | n     | ddd   | 12    | hLMG  | xx     | gg    | nmm   | R             | n     | n     | n    | n    |      |      |
| Helgoland            | 4    | 015        | 41481 | 62121 | 10039 | 20014 | 40019 | 53010 | 70182  | 86900 | 23    | 28            | 20055 |       |      |      |      |      |
| List/Sylt            | 26   | 020        | 41470 | 52214 | 10051 | 20027 | 40011 | 51013 | 72582  | 84901 | 22    | 27            | 20050 |       |      |      |      |      |
| Leck                 | 7    | 022        | 41/12 | 19105 | 10006 | 20002 | 40035 | 52019 | 78682  |       |       |               | 20050 | 0030  | 0040 | 0051 | 0071 |      |
| Husum                | 28   | 026        | 41484 | 72011 | 10026 | 20020 | 40038 | 51020 | 72282  | 878// |       |               | 20051 | 0033  | 0042 | 0052 | 0061 |      |
| Glücksburg/Meierwik  | 27   | 033        | 41360 | 71811 | 10026 | 20013 | 40031 | 52027 | 72722  | 879// |       |               | 20051 | 0040  | 0041 | 0051 | 0066 |      |
| Schleswig            | 43   | 035        | 41360 | 82004 | 10009 | 20005 | 40036 | 52013 | 78082  | 877// |       |               | 20046 | 0037  | 0044 | 0058 | 0071 |      |
| Hohn                 | 12   | 038        | 41460 | 62111 | 10035 | 20010 | 40033 | 52015 | 72572  | 86800 |       |               | 20047 | 0046  | 0052 | 0056 | 0076 |      |
| Kiel-Holtenu         | 31   | 046        | 42480 | 71911 | 10045 | 20005 | 40036 | 52013 | 878//  |       |       |               | 20051 | 0042  | 0045 | 0055 | 0074 |      |
| Westermarkeisdorf    | 3    | 055        | 42475 | 61910 | 10050 | 20001 | 40041 | 51017 | 84802  |       |       |               | 20061 | 0042  | 0053 | 0065 | 0069 |      |
| Arkona               | 42   | 091        | 42583 | 72214 | 10056 | 20008 | 40052 | 51018 | 878//  |       |       |               | 20050 | 0047  | 0048 | 0057 | 0065 |      |
| Norderney            | 11   | 113        | 42470 | 52012 | 10036 | 20011 | 40019 | 50004 | 85201  |       |       |               | 20050 | 0031  | 0034 | 0050 | 0073 |      |
| Bremerhaven          | 7    | 129        | 42467 | 22218 | 10031 | 20002 | 40041 | 51010 | 82200  |       |       |               | 20050 |       |      |      |      |      |
| Cuxhaven             | 5    | 131        | 41470 | 72113 | 10030 | 20003 | 40034 | 52011 | 70282  | 878// |       |               | 20048 | 0041  | 0044 | 0060 | 0083 |      |
| Hamburg, Flugh.      | 16   | 147        | 42575 | 72312 | 10046 | 21009 | 40048 | 51010 | 86801  |       |       |               | 20047 | 0042  | 0046 | 0060 | 0070 |      |
| Lübeck-Blankensee    | 14   | 156        | 42575 | 42214 | 10058 | 21014 | 40047 | 51013 | 82201  |       |       |               | 20052 | 0047  | 0056 | 0068 | 0076 |      |
| Boltenhagen          | 15   | 161        | 42683 | 72212 | 10049 | 21008 | 40050 | 51016 | 872//  |       |       |               | 20055 | 0048  | 0050 | 0060 | 0069 |      |
| Schwerin             | 59   | 162        | 42575 | 52212 | 10053 | 21002 | 40052 | 51014 | 85204  |       |       |               | 20057 | 0038  | 0044 | 0057 | 0069 |      |
| Rostock-Warnemünde   | 4    | 170        | 42581 | 72112 | 10059 | 21016 | 40046 | 51016 | 8685// |       |       |               | 20058 | 0040  | 0052 | 0061 | 0075 |      |
| Teterow              | 46   | 177        | 42482 | 52312 | 10056 | 20000 | 40061 | 51018 | 85800  |       |       |               | 20052 | 0044  | 0050 | 0062 | 0074 |      |
| Barth                | 7    | 180        | 42580 | 62007 | 10053 | 20001 | 40048 | 51019 | 86800  |       |       |               | 20048 | 0051  | 0055 | 0065 | 0073 |      |
| Greifswald           | 2    | 184        | 42582 | 82308 | 10050 | 21016 | 40059 | 51019 | 885//  |       |       |               | 20063 | 0048  | 0050 | 0061 | 0078 |      |
| Ueckermünde          | 1    | 193        | 42575 | 52310 | 10061 | 21018 | 40072 | 51019 | 85500  |       |       |               | 20057 |       |      |      |      |      |
| Emden-Flugplatz      | 0    | 200        | 42460 | 72112 | 10025 | 21003 | 40026 | 51007 | 872//  |       |       |               | 20028 | 0033  | 0044 | 0063 | 0083 |      |
| Oldenburg            | 11   | 215        | 42465 | 72308 | 10035 | 20000 | 40039 | 51010 | 872//  |       |       |               | 20038 | 0037  | 0037 | 0054 | 0074 |      |
| Bremen, Flugh.       | 3    | 224        | 42460 | 62210 | 10038 | 21001 | 40049 | 52009 | 86201  |       |       |               | 20038 | 0021  | 0026 | 0052 | 0079 |      |
| Soltau               | 77   | 235        | 42565 | 62110 | 10051 | 21006 | 40056 | 51010 | 85231  |       |       |               | 20042 | 0032  | 0037 | 0054 | 0075 |      |
| Bolzenburg           | 45   | 249        | 42567 | 32210 | 10053 | 21012 | 40057 | 51010 | 82201  |       |       |               | 20052 | 0049  | 0053 | 0066 | 0077 |      |
| Lüchow               | 17   | 253        | 42582 | 52210 | 10059 | 20013 | 40065 | 51011 | 85201  |       |       |               | 20052 | 0034  | 0036 | 0062 | 0078 |      |
| Seehausen            | 21   | 261        | 42568 | 62110 | 10061 | 21024 | 40073 | 51012 | 84231  |       |       |               | 20055 | 0040  | 0048 | 0060 | 0079 |      |
| Harnitz              | 81   | 264        | 42580 | 52309 | 10047 | 21010 | 40064 | 51015 | 84201  |       |       |               | 20057 | 0046  | 0055 | 0068 | 0078 |      |
| Neuruppin            | 38   | 270        | 42568 | 52708 | 10051 | 20000 | 40075 | 51016 | 85200  |       |       |               | 20055 | 0040  | 0044 | 0060 | 0081 |      |
| Neubrandenburg       | 81   | 280        | 42582 | 32416 | 10051 | 20003 | 40065 | 51018 | 83200  |       |       |               | 20050 | 0041  | 0045 | 0055 | 0074 |      |
| Angermünde           | 56   | 291        | 42475 | 32606 | 10051 | 21007 | 40073 | 51017 | 83200  |       |       |               | 20051 | 0035  | 0038 | 0047 | 0076 |      |
| Lingen               | 24   | 305        | 42464 | 31909 | 10051 | 20011 | 40037 | 50002 | 82202  |       |       |               | 20035 | 0028  | 0034 | 0058 | 0083 |      |
| Münster/Osnabrück    | 48   | 315        | 42570 | 52209 | 10049 | 20007 | 40050 | 51003 | 85201  |       |       |               | 20031 | 0022  | 0034 | 0056 | 0080 |      |
| Osnabrück            | 95   | 317        | 42562 | 52109 | 10055 | 20005 | 40051 | 51007 | 85801  |       |       |               | 20031 | 0027  | 0033 | 0051 | 0077 |      |
| Diepholz             | 39   | 321        | 42470 | 72111 | 10041 | 20000 | 40048 | 51006 | 872//  |       |       |               | 20030 | 0009  | 0018 | 0046 | 0074 |      |
| Bad Salzuflen        | 135  | 325        | 42582 | 62009 | 10037 | 21011 | 40059 | 51008 | 85201  |       |       |               | 20032 | 0015  | 0021 | 0048 | 0078 |      |
| Hannover, Flugh.     | 56   | 338        | 42570 | 52409 | 10050 | 21013 | 40059 | 51008 | 84231  |       |       |               | 20049 | 0010  | 0019 | 0055 | 0075 |      |
| Braunschweig         | 81   | 348        | 42580 | 42109 | 10052 | 21013 | 40071 | 52011 | 83201  |       |       |               | 20048 | 0013  | 0031 | 0052 | 0075 |      |
| Gardelogen           | 47   | 359        | 42670 | 52412 | 10059 | 21021 | 40070 | 51012 | 84201  |       |       |               | 20049 | 0022  | 0031 | 0053 | 0081 |      |
| Magdeburg            | 79   | 361        | 42580 | 42007 | 10059 | 21036 | 40077 | 51014 | 83201  |       |       |               | 20054 | 0035  | 0047 | 0069 | 0083 |      |
| Potsdam              | 81   | 379        | 42580 | 32707 | 10070 | 21006 | 40080 | 51015 | 83200  |       |       |               | 20057 | 0021  | 0032 | 0056 | 0084 |      |
| Berlin-Dahlem        | 51   | 381        | 42580 | 32806 | 10062 | 21021 | 40082 | 51015 | 83201  |       |       |               | 20052 | 0032  | 0043 | 0061 | 0079 |      |
| Berlin-Tegel, Flugh. | 37   | 382        | 42581 | 32608 | 10055 | 21013 | 40074 | 51015 | 83101  |       |       |               | 20060 | 0037  | 0042 | 0062 | 0083 |      |
| Berlin-Temp., Flugh. | 50   | 384        | 42582 | 32606 | 10061 | 21008 | 40079 | 52015 | 83201  |       |       |               | 20064 | 0044  | 0056 | 0067 | 0072 |      |
| Berlin-Schönefeld    | 47   | 385        | 42580 | 22507 | 10057 | 21006 | 40081 | 51016 | 82201  |       |       |               | 20051 | 0018  | 0031 | 0047 | 0074 |      |
| Lindenberg           | 98   | 393        | 42568 | 32906 | 10057 | 20000 | 40083 | 51017 | 83200  |       |       |               | 20051 | 0035  | 0046 | 0062 | 0075 |      |
| Manschnow            | 12   | 396        | 42562 | 52804 | 10054 | 21011 | 40076 | 51020 | 85202  |       |       |               | 20046 | 0042  | 0043 | 0055 | 0084 |      |
| Düsseldorfer, Flugh. | 11   | 400        | 42582 | 72214 | 10051 | 21001 | 40062 | 52005 | 84238  |       |       |               | 20023 | 0019  | 0032 | 0051 | 0080 |      |
| Bocholt              | 21   | 406        | 42460 | 62014 | 10049 | 20005 | 40042 | 50000 | 83101  |       |       |               | 20030 | 0016  | 0032 | 0051 | 0077 |      |
| Essen                | 152  | 410        | 42575 | 62014 | 10050 | 20000 | 40059 | 52005 | 84131  |       |       |               | 20025 | 0024  | 0026 | 0048 | 0070 |      |
| Lüdenscheid          | 387  | 418        | 42467 | 72308 | 10017 | 21013 | 40065 | 52008 | 86201  |       |       |               | 20011 | 0040  | 0037 | 0058 | 0064 |      |
| Kahler Asten         | 839  | 427        | 41284 | 72111 | 11022 | 21038 | 48353 | 51008 | 78582  | 85201 |       |               | 21014 | 0012  | 0017 | 0033 | 0044 |      |
| Bad Lippspringe      | 157  | 430        | 42581 | 62110 | 10039 | 21019 | 40064 | 51004 | 85201  |       |       |               | 20033 | 0012  | 0025 | 0039 | 0065 |      |
| Kassel               | 231  | 438        | 42580 | 62006 | 10028 | 21012 | 40076 | 52012 | 85202  |       |       |               | 20039 | 0020  | 0033 | 0050 | 0080 |      |
| Göttingen            | 167  | 444        | 42480 | 72009 | 10040 | 21007 | 40075 | 51008 | 86232  |       |       |               | 20040 | 0032  | 0044 | 0060 | 0076 |      |
| Leinefelde           | 356  | 449        | 42568 | 72107 | 10030 | 21009 | 40077 | 52008 | 86202  |       |       |               | 20030 |       |      |      |      |      |
| Braunlage            | 607  | 452        | 41460 | 52012 | 10014 | 21031 | 40072 | 52010 | 72682  | 83201 |       |               | 20014 | 0022  | 0032 | 0045 | 0052 |      |
| Brocken              | 1144 | 453        | 41/58 | 82123 | 11049 | 21057 | 48351 | 53012 | 78542  | 882// | 30    | 36            | 21034 |       |      |      |      |      |
| Artern               | 164  | 460        | 42580 | 32209 | 10053 | 20006 | 40084 | 51010 | 83201  |       |       |               | 20052 | 0039  | 0062 | 0079 | 0086 |      |
| Leipzig-Schkeuditz   | 144  | 469        | 42575 | 42407 | 10049 | 21004 | 40087 | 51012 | 84100  |       |       |               | 20056 | 0034  | 0044 | 0059 | 0077 |      |
| Wittenberg           | 105  | 474        | 42681 | 42206 | 10067 | 21022 | 40080 | 51012 | 84200  |       |       |               | 20063 |       |      |      |      |      |
| Oschatz              | 150  | 480        | 42582 | 42606 | 10061 | 21006 | 40090 | 51014 | 84200  |       |       |               | 20048 | 0025  | 0034 | 0055 | 0082 |      |
| Dresden-Klotzsche    | 230  | 488        | 42575 | 62704 | 10045 | 21006 | 40091 | 51014 | 85201  |       |       |               | 20053 | 0032  | 0034 | 0050 | 0077 |      |
| Doberlug-Kirchhain   | 97   | 490        | 42580 | 53103 | 10060 | 21009 | 40089 | 51015 | 85200  |       |       |               | 20045 | 0036  | 0037 | 0052 | 0079 |      |
| Cottbus              | 69   | 496        | 42581 | 42605 | 10066 | 20011 | 40085 | 51015 | 84200  |       |       |               | 20050 | 0032  | 0033 | 0049 | 0079 |      |
| Görlitz              | 237  | 499        | 42570 | 52804 | 10053 | 20002 | 40084 | 51016 | 85200  |       |       |               | 20044 | 0064  | 0047 | 0052 | 0070 |      |
| Aachen               | 202  | 501        | 42581 | 72112 | 10042 | 21018 | 40057 | 51006 | 83207  |       |       |               | 20031 | 0017  | 0028 | 0057 | 0081 |      |
| Nürvenich            | 118  | 502        | 42582 | 62109 | 10042 | 21015 | 40070 | 51009 | 82131  |       |       |               | 20036 | 0025  | 0036 | 0051 | 0082 |      |
| Nürnberg/Barweiler   | 485  | 506        | 42481 | 72411 | 10007 | 21027 | 40074 | 51009 | 85201  |       |       |               | 20014 | 0023  | 0035 | 0048 | 0066 |      |
| Köln/Bonn, Flugh.    | 91   | 513        | 42684 | 62013 | 10056 | 21018 | 40067 | 51007 | 83201  |       |       |               | 20029 | 0033  | 0049 | 0062 | 0081 |      |
| Mendig               | 182  | 514        | 42575 | 62112 | 10044 | 21007 | 40086 | 52009 | 86200  |       |       |               | 20049 | 0033  | 0047 | 0069 | 0083 |      |
| Bendorf              | 127  | 515        | 42581 | 72311 | 10044 | 21006 | 40083 | 51011 | 8723// |       |       |               | 20046 | 0061  | 0068 | 0085 | 0099 |      |
| Bad Marienberg       | 547  | 526        | 42484 | 72211 | 10012 | 21019 | 40081 | 52011 | 86202  |       |       |               | 20010 | 59972 | 0020 | 0035 | 0050 | 0061 |
| Giessen              | 186  | 532        | 42575 | 72404 | 10039 | 21010 | 40095 | 51008 | 85831  |       |       |               | 20041 | 0039  | 0048 | 0068 | 0083 |      |
| Bad Hersfeld         | 273  | 542        | 42580 | 62207 | 100   |       |       |       |        |       |       |               |       |       |      |      |      |      |

| Station              | Höhe     | 12 Uhr UTC |       |       |       |       |       |       |       |        |       | 06-12 |       |
|----------------------|----------|------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
|                      |          | iii        | ihVV  | Nddff | lsTTT | 2sTTT | 4PPPP | Sappp | 6RRRR | 7wwWW  | 8NCCC |       | ff-ff |
| Rx                   |          | Rx         | n     | n     | ndddd |       |       | R     | R     | 12     | hLMMI | xx    | gg    |
| Helgoland            | 4 015    | 11480      | 61821 | 10046 | 20013 | 40022 | 51003 | 69911 | 70282 | 86801  | 25    | 31    |       |
| List/Sylt            | 26 020   | 11482      | 62019 | 10047 | 20005 | 40018 | 51007 | 69911 | 72582 | 86901  | 22    | 29    |       |
| Leck                 | 7 022    | 11470      | 62116 | 10051 | 20007 | 40036 | 53002 | 60041 | 72582 | 86200  |       | 25    |       |
| Husum                | 28 026   | 11484      | 62016 | 10051 | 20020 | 49996 | 52003 | 60021 | 70188 | 86201  |       | 25    |       |
| Glücksburg/Meierwik  | 27 033   | 11459      | 72011 | 10047 | 20004 | 40034 | 53003 |       | 70272 | 878//  |       |       |       |
| Schleswig            | 43 035   | 11470      | 72108 | 10039 | 20004 | 40041 | 52006 | 60021 | 72182 | 878//  |       |       |       |
| Hohn                 | 12 038   | 11570      | 52113 | 10064 | 21014 | 40042 | 52009 |       | 70182 | 85200  |       |       |       |
| Kiel-Holtensau       | 31 046   | 12570      | 42214 | 10063 | 21019 | 40045 | 52009 |       |       | 84800  |       |       |       |
| Westermarsdorf       | 3 055    | 11570      | 62116 | 10065 | 21019 | 40048 | 51007 | 69901 | 70282 | 85802  |       |       |       |
| Arkona               | 42 091   | 12586      | 52213 | 10070 | 21007 | 40066 | 51015 |       |       | 85801  |       |       |       |
| Norderney            | 11 113   | 11462      | 71915 | 10055 | 20015 | 40016 | 58003 | 69901 | 72522 | 878//  |       | 33    |       |
| Bremerhaven          | 7 129    | 11462      | 72318 | 10049 | 20010 | 40041 | 50000 | 69921 | 78011 | 873//  |       | 23 30 |       |
| Cuxhaven             | 5 131    | 11568      | 62114 | 10060 | 21009 | 40036 | 50002 | 69911 | 70281 | 85202  |       |       |       |
| Hamburg, Flugh.      | 16 147   | 11675      | 62016 | 10077 | 21013 | 40049 | 51001 | 69901 | 72582 | 85801  |       | 26    |       |
| Lübeck-Blankensee    | 14 156   | 12675      | 62214 | 10086 | 21031 | 40051 | 51004 |       |       | 86201  |       |       |       |
| Boltenhagen          | 15 161   | 12683      | 72116 | 10078 | 21014 | 40053 | 51003 |       |       | 86202  |       | 28    |       |
| Schwerin             | 59 162   | 12575      | 62211 | 10082 | 21019 | 40057 | 50005 |       |       | 85302  |       |       |       |
| Rostock-Warnemünde   | 4 170    | 12582      | 72309 | 10072 | 21034 | 40055 | 51009 |       |       | 86204  |       |       |       |
| Teterow              | 3 177    | 12584      | 42312 | 10085 | 21001 | 40066 | 51005 |       |       | 84204  |       |       |       |
| Barth                | 7 180    | 12680      | 32310 | 10078 | 21015 | 40057 | 51009 |       |       | 83801  |       |       |       |
| Greifswald           | 2 184    | 12688      | 42210 | 10082 | 21013 | 40068 | 51009 |       |       | 84200  |       |       |       |
| Ueckermünde          | 1 193    | 12575      | 42210 | 10097 | 21028 | 40078 | 51006 |       |       | 84200  |       |       |       |
| Emden-Flugplatz      | 0 200    | 11565      | 72118 | 10059 | 21001 | 40019 | 56007 | 69901 | 78082 | 85332  |       | 29    |       |
| Oldenburg            | 11 215   | 11570      | 72111 | 10069 | 21021 | 40034 | 58005 | 69901 | 72162 | 86201  |       |       |       |
| Bremen, Flugh.       | 3 224    | 11478      | 72112 | 10070 | 20004 | 40047 | 57002 | 69901 | 72581 | 83901  |       |       |       |
| Soltau               | 77 235   | 12680      | 72210 | 10075 | 21032 | 40057 | 50002 |       |       | 86201  |       |       |       |
| Boizenburg           | 45 249   | 11675      | 52113 | 10081 | 21033 | 40061 | 51004 |       | 71411 | 85301  |       |       |       |
| Lüchow               | 17 253   | 12584      | 62111 | 10074 | 21010 | 40068 | 53003 |       |       | 85302  |       |       |       |
| Seehausen            | 38 258   | 12682      | 72211 | 10066 | 21027 | 40072 | 58002 | 69901 | 72511 | 85301  |       |       |       |
| Marnitz              | 81 264   | 11580      | 72112 | 10067 | 21028 | 40071 | 51007 | 69901 | 72522 | 84304  |       |       |       |
| Neuruppin            | 38 270   | 12675      | 52109 | 10089 | 21029 | 40074 | 54000 |       |       | 85200  |       |       |       |
| Neubrandenburg       | 81 280   | 12582      | 32413 | 10074 | 21012 | 40071 | 51007 |       |       | 83100  |       |       |       |
| Angermünde           | 56 291   | 12680      | 32609 | 10074 | 21030 | 40077 | 53005 |       |       | 83200  |       |       |       |
| Lingen               | 24 305   | 11465      | 72008 | 10048 | 20016 | 40036 | 58001 | 69961 | 72682 | 84208  |       | 25    |       |
| Münster/Osnabrück    | 48 315   | 12570      | 72212 | 10071 | 21022 | 40047 | 58003 |       |       | 85202  |       |       |       |
| Osnabrück            | 95 317   | 11682      | 71811 | 10066 | 21019 | 40048 | 58002 | 69901 | 72681 | 84808  |       |       |       |
| Diepholz             | 39 321   | 11580      | 72016 | 10076 | 21011 | 40046 | 58001 | 69901 | 72511 | 84201  |       |       |       |
| Bad Salzuflen        | 135 325  | 12682      | 72211 | 10066 | 21027 | 40072 | 58002 |       |       | 83208  |       |       |       |
| Hannover, Flugh.     | 56 338   | 12681      | 72508 | 10072 | 21030 | 40058 | 55000 |       |       | 84302  |       |       |       |
| Braunschweig         | 81 348   | 11682      | 71911 | 10074 | 21025 | 40068 | 58002 |       | 71411 | 84201  |       |       |       |
| Gardelegen           | 47 359   | 11570      | 71810 | 10075 | 21029 | 40071 | 52002 | 69901 | 72511 | 873//  |       |       |       |
| Magdeburg            | 79 361   | 12682      | 71808 | 10084 | 21017 | 40074 | 56002 |       |       | 86201  |       |       |       |
| Potsdam              | 81 379   | 12782      | 52410 | 10106 | 21030 | 40080 | 52001 |       |       | 85200  |       |       |       |
| Berlin-Dahlem        | 51 381   | 12685      | 52706 | 10085 | 21043 | 40081 | 50000 |       |       | 85201  |       |       |       |
| Berlin-Tegel, Flugh. | 37 382   | 12781      | 52108 | 10089 | 21037 | 40076 | 52002 |       |       | 85800  |       |       |       |
| Berlin-Temp., Flugh. | 50 384   | 12684      | 52107 | 10083 | 21029 | 40079 | 51001 |       |       | 85200  |       |       |       |
| Berlin-Schönefeld    | 47 385   | 12782      | 32310 | 10095 | 21024 | 40080 | 55000 |       |       | 83200  |       |       |       |
| Lindenberg           | 98 393   | 12680      | 42606 | 10077 | 21016 | 40084 | 53002 |       |       | 84200  |       |       |       |
| Manschow             | 12 396   | 12562      | 42509 | 10083 | 21009 | 40077 | 53002 |       |       | 84200  |       |       |       |
| Düsseldorf, Flugh.   | 45 400   | 12682      | 62218 | 10078 | 21013 | 40053 | 57008 |       |       | 84201  |       | 27    |       |
| Bocholt              | 21 406   | 11565      | 72211 | 10067 | 20003 | 40038 | 58004 | 69901 | 72511 | 872//  |       |       |       |
| Essen                | 152 410  | 11582      | 72314 | 10067 | 21022 | 40052 | 58006 | 69901 | 72511 | 85201  |       | 26    |       |
| Lödenscheid          | 387 418  | 11665      | 71908 | 10046 | 21028 | 40055 | 58004 | 69901 | 78581 | 86208  |       | 26    |       |
| Kahler Asten *       | 839 427  | 11489      | 72115 | 10005 | 21060 | 48362 | 50003 | 69911 | 72682 | 84202  |       |       |       |
| Bad Lippspringe      | 157 430  | 12684      | 72110 | 10067 | 21030 | 40062 | 50000 |       |       | 86202  |       |       |       |
| Kassel               | 231 438  | 12585      | 62009 | 10070 | 21061 | 40067 | 58005 |       |       | 84202  |       |       |       |
| Göttingen            | 167 444  | 12682      | 72214 | 10076 | 21030 | 40072 | 50000 |       |       | 83208  |       |       |       |
| Leinefelde           | 356 449  | 12682      | 72211 | 10066 | 21027 | 40072 | 58001 |       |       | 84208  |       | 26    |       |
| Braunlage            | 607 452  | 11560      | 72313 | 10025 | 21051 | 40073 | 51005 | 69901 | 78582 | 86301  |       |       |       |
| Brocken *            | 1142 453 | 11383      | 71929 | 11023 | 21086 | 48358 | 50005 | 69911 | 72642 | 86301  |       | 31 38 |       |
| Artern               | 164 460  | 11584      | 72310 | 10086 | 21031 | 40079 | 55003 | 69901 | 72511 | 86306  |       |       |       |
| Leipzig-Schkeuditz   | 144 469  | 12681      | 62309 | 10072 | 21022 | 40083 | 58002 |       |       | 85202  |       |       |       |
| Wittenberg           | 105 474  | 12782      | 52010 | 10093 | 21034 | 40080 | 52001 |       |       | 85200  |       |       |       |
| Oschatz              | 150 480  | 12684      | 42106 | 10083 | 20002 | 40088 | 50000 |       |       | 84200  |       |       |       |
| Dresden-Klotzsche    | 230 488  | 12681      | 42707 | 10081 | 21016 | 40086 | 58001 |       |       | 83231  |       |       |       |
| Doberslug-Kirchhain  | 97 490   | 12582      | 52209 | 10086 | 21009 | 40088 | 52001 |       |       | 85200  |       |       |       |
| Cottbus              | 69 496   | 12582      | 52704 | 10092 | 21009 | 40087 | 51002 |       |       | 85200  |       |       |       |
| Görlitz              | 237 499  | 12581      | 31005 | 10076 | 21016 | 40084 | 53001 |       |       | 83200  |       |       |       |
| Aachen               | 202 501  | 11584      | 72011 | 10056 | 21006 | 40053 | 58003 | 69901 | 72522 | 85301  |       |       |       |
| Nürvenich            | 118 502  | 12684      | 72111 | 10090 | 21023 | 40062 | 58006 |       |       | 83201  |       |       |       |
| Nürnberg/Barweiler   | 485 506  | 11584      | 72409 | 10036 | 21031 | 40065 | 58003 | 69901 | 72622 | 8723// |       |       |       |
| Köln/Bonn, Flugh.    | 91 513   | 12684      | 72011 | 10071 | 21035 | 40058 | 58008 |       |       | 86208  |       |       |       |
| Mendig               | 182 514  | 12684      | 72213 | 10076 | 21022 | 40074 | 58009 |       |       | 83201  |       |       |       |
| Bendorf              | 127 515  | 12582      | 72212 | 10080 | 21014 | 40071 | 58009 |       |       | 86202  |       |       |       |
| Bad Marienberg       | 547 526  | 12582      | 72410 | 10038 | 21070 | 40070 | 58004 |       |       | 84202  |       |       |       |
| Giesen               | 186 532  | 11575      | 72209 | 10062 | 21019 | 40088 | 58005 | 69981 | 71482 | 86301  |       |       |       |
| Bad Hersfeld         | 273 542  | 11582      | 62608 | 10057 | 21031 | 40085 | 50000 | 69901 | 72176 | 85202  |       |       |       |
| Wasserkuppe          | 924 544  | 11665      | 72112 | 11001 | 21019 | 48381 | 51007 | 69941 | 78587 | 85801  |       |       |       |
| Weinlagen *          | 450 548  | 11681      | 72312 | 10056 | 21049 | 40083 | 50000 | 69901 | 72681 | 84302  |       |       |       |
| Schmücke             | 937 552  | 11482      | 72213 | 10002 | 21042 | 48379 | 51005 | 69901 | 78584 | 873//  |       | 25    |       |
| Erfurt-Bindersleben  | 315 554  | 11686      | 62412 | 10075 | 21038 | 40076 | 51001 |       | 71422 | 84202  |       |       |       |
| Neuhaus a.R. *       | 845 557  | 11583      | 72309 | 10021 | 21053 | 48385 | 51003 | 69901 | 78582 | 84308  |       |       |       |
| Gera-Leumnitz        | 311 567  | 12589      | 42510 | 10081 | 21020 | 40076 | 58001 |       |       | 83207  |       |       |       |
| Chemnitz             | 418 577  | 12684      | 62616 | 10079 | 21017 | 40078 | 58001 |       |       | 84204  |       |       |       |
| Fichtelberg *        | 1213 578 | 11480      | 71311 | 11007 | 21058 | 48385 | 52008 | 69901 | 78511 | 873//  |       |       |       |
| Zinnwald-Georg. *    | 877 582  | 12488      | 71903 | 10032 | 21052 | 48391 | 51006 |       |       | 86201  |       |       |       |
| Lichtenhain/Mittelnd | 300 591  | 12575      | 62904 | 10077 | 21018 | 40083 | 51001 |       |       | 85201  |       |       |       |
| Trier-Petrisberg     | 265 608  | 11570      | 72208 | 10046 | 20021 | 40074 | 58007 | 69941 | 72682 | 85902  |       | 27    |       |
| Deuselbach           | 480 615  | 11459      | 72410 | 10043 | 21021 | 40076 | 58007 | 69901 | 78522 | 86308  |       |       |       |
| Hahn                 | 491 616  | 11650      | 72216 | 10053 | 21053 | 40073 | 58001 | 69901 | 78582 | 83201  |       |       |       |
| Kl.Feldberg/Ts. *    | 805 635  | 11384      | 72310 | 10012 | 21033 | 48379 | 50002 | 69901 | 72684 | 83308  |       |       |       |
| Frankfurt/M. Flugh.  | 111 637  | 11580      | 72313 | 10076 | 21027 | 40087 | 58007 | 69901 | 72582 | 83201  |       |       |       |
| Michelstadt/Vielbrun | 453 648  | 11582      | 72413 | 10052 | 21039 | 40091 | 58001 | 69901 | 72162 | 84201  |       |       |       |
| Würzburg             | 268 655  | 11584      | 72111 | 10079 | 21019 | 40086 | 58002 | 69901 | 70281 | 86201  |       |       |       |
| Bad Kissingen        | 262 658  | 11664      | 72307 | 10078 | 21055 | 40087 | 58001 | 69901 | 72681 | 84908  |       |       |       |
| Coburg               | 322 671  | 11682      | 72011 | 10074 | 21025 | 40091 | 58001 | 69901 | 72581 | 879//  |       |       |       |
| Bamberg              | 239 675  | 12784      | 62308 | 10072 | 21024 | 40093 | 50000 |       |       | 86200  |       |       |       |
| Hof                  | 557 685  | 12681      | 62308 | 10072 | 21024 | 40083 | 51004 |       |       | 85201  |       |       |       |
| Weiden               | 438 688  | 12681      | 72404 | 10065 | 21069 | 40091 | 51001 |       |       | 83232  |       |       |       |
| Berus                | 363 704  | 11/04      | 92223 | 10040 | 21024 | 40088 | 56004 | 69901 | 78682 |        |       | 23 35 |       |
| Tholey               | 396 706  | 11465      | 72506 | 10016 | 21008 | 40086 | 58006 | 69901 | 78582 | 872//  |       |       |       |
| Saarbrücken, Flugh.  | 322 708  | 11680      | 72011 | 10062 | 21013 | 40084 | 58008 | 69901 | 72522 | 86801  |       |       |       |



| Station              | Hoeh | iii | ihvV  | Ndiff | 1stTT | 2stTT | 4PPPP | 18 Uhr UTC | 7wwWW | 8NCCC | 12-18 | 06-18 | 06-18 | 06-18 |       |       |
|----------------------|------|-----|-------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Rx                   | Rx   | n   | n     | n     | n     | n     | n     | Sappp      | RRRRt | R     | ff    | ff    | 1stTT | 2stTT |       |       |
|                      |      |     |       |       |       |       |       |            |       |       | xx    | xx    | nnnn  | Sesst |       |       |
| Helgoland            | 4    | 015 | 11480 | 72124 | 10044 | 20031 | 40022 | 52007      | 60032 | 72782 | 879// | 37    | 47    | 10065 | 20023 |       |
| List/Sylt            | 26   | 020 | 11318 | 41920 | 10032 | 20014 | 40009 | 55008      | 69992 | 72798 | 84500 | 31    | 44    | 10057 | 20022 |       |
| Leck                 | 7    | 022 | 11462 | 82316 | 10026 | 20010 | 40037 | 52003      | 60052 | 78182 | 879// | 22    | 31    | 10067 | 20004 |       |
| Husum                | 28   | 026 | 11480 | 71913 | 10043 | 20018 | 40037 | 55004      | 60032 | 70282 | 82832 | 22    | 31    | 10073 | 20020 |       |
| Glücksburg/Meierwik  | 27   | 033 | 11562 | 71810 | 10047 | 20027 | 40038 | 53007      | 60022 | 72582 | 878// | 31    | 40    | 10074 | 20007 |       |
| Schleswig            | 43   | 035 | 11570 | 71910 | 10053 | 20009 | 40043 | 53001      | 60032 | 72582 | 83801 | 28    | 37    | 10077 | 20003 |       |
| Hohn                 | 12   | 038 | 11362 | 71806 | 10044 | 20017 | 40043 | 53006      | 60022 | 72588 | 82202 | 26    | 35    | 10073 | 20040 |       |
| Kiel-Holtenau        | 31   | 046 | 11475 | 62109 | 10056 | 20002 | 40048 | 53003      | 69922 | 78081 | 82203 |       |       | 10080 | 20030 |       |
| Westermarskeldorf    | 3    | 055 | 11581 | 71306 | 10055 | 20006 | 40052 | 55001      | 69902 | 71581 | 82336 |       |       | 10081 | 20039 |       |
| Arkona               | 42   | 091 | 11582 | 70903 | 10050 | 20004 | 40050 | 53006      | 69902 | 72582 | 83876 | 23    | 38    | 10086 | 20041 |       |
| Norderney            | 11   | 113 | 11470 | 72315 | 10047 | 20015 | 40026 | 51009      | 69972 | 72581 | 83802 | 23    | 38    | 10069 | 20019 |       |
| Bremerhaven          | 7    | 129 | 11475 | 71911 | 10053 | 20012 | 40044 | 5////      | 69932 | 70282 | 82832 | 29    | 35    | 10075 | 20016 |       |
| Cuxhaven             | 5    | 131 | 11468 | 72012 | 10055 | 20002 | 40039 | 52003      | 69922 | 70282 | 82932 | 41    | 50    | 10072 | 20024 |       |
| Hamburg, Flugh.      | 16   | 147 | 11575 | 72215 | 10081 | 21044 | 40055 | 53009      | 69902 | 70382 | 878// | 28    | 38    | 10091 | 20025 |       |
| Lübeck-Blankensee    | 14   | 156 | 16/60 | /2007 | 10072 | 21018 | 40052 | 53003      | 69902 |       |       |       |       | 10104 | 20032 |       |
| Boltenhagen          | 15   | 161 | 32682 | 81710 | 10068 | 21003 | 40059 | 51004      |       | 81207 |       | 25    | 35    | 10088 | 20031 |       |
| Schwerin             | 59   | 162 | 11980 | 81805 | 10072 | 21016 | 40060 | 56001      | 69902 | 70182 | 80007 | 25    | 35    | 10085 | 20028 |       |
| Rostock-Warnemünde   | 4    | 170 | 11982 | 61609 | 10058 | 21002 | 40062 | 53002      | 69902 | 70182 | 81032 |       |       | 10091 | 20040 |       |
| Teterow              | 46   | 177 | 16/60 | /1809 | 10060 | 20000 | 40074 | 53005      | 69902 |       |       |       |       | 10096 | 20033 |       |
| Barth                | 7    | 180 | 36/60 | /1808 | 10066 | 21005 | 40066 | 53004      |       |       |       |       |       | 10092 | 20038 |       |
| Greifswald           | 2    | 184 | 11582 | 61905 | 10071 | 21026 | 40078 | 53006      | 69902 | 72511 | 84306 |       |       | 10101 | 20037 |       |
| Ueckermünde          | 1    | 193 | 36/59 | /1705 | 10082 | 21049 | 40089 | 53005      |       |       |       |       |       | 10103 | 20016 |       |
| Emden-Flugplatz      | 0    | 200 | 11467 | 62505 | 10038 | 20023 | 40031 | 53011      | 60032 | 72798 | 84832 | 30    | 40    | 10068 | 20015 |       |
| Oldenburg            | 11   | 215 | 11470 | 71906 | 10056 | 20010 | 40044 | 52002      | 69922 | 72582 | 82902 | 33    | 40    | 10078 | 20005 |       |
| Bremen, Flugh.       | 3    | 224 | 11778 | 71707 | 10044 | 20017 | 40052 | 51008      | 69902 | 72586 | 81572 | 34    | 40    | 10083 | 20004 |       |
| Soltau               | 77   | 235 | 36/// | /2005 | 10080 | 21042 | 40055 | 53002      |       |       |       |       |       | 10095 | 20006 |       |
| Boizenburg           | 45   | 249 | 16/60 | /1806 | 10073 | 21023 | 40062 | 53003      | 69902 |       |       |       |       | 10089 | 20020 |       |
| Lüchow               | 17   | 253 | 16/60 | /1804 | 10079 | 21023 | 40066 | 57001      | 69902 |       |       | 26    | 35    | 10091 | 20018 |       |
| Seehausen            | 21   | 261 | 11982 | 72305 | 10074 | 21029 | 40077 | 55001      | 69902 | 70182 | 80008 | 25    | 35    | 10091 | 20016 |       |
| Marxitz              | 81   | 264 | 16/60 | /1504 | 10066 | 21013 | 40073 | 53003      | 69902 |       |       |       |       | 10089 | 20023 |       |
| Neuruppin            | 38   | 270 | 32670 | 73304 | 10071 | 20007 | 40080 | 53005      |       |       |       |       |       | 10100 | 20015 |       |
| Neubrandenburg       | 81   | 280 | 32583 | 82709 | 10059 | 21001 | 40083 | 53008      |       | 86307 |       | 25    | 35    | 10092 | 20032 |       |
| Angermünde           | 56   | 291 | 31682 | 61804 | 10081 | 21037 | 40084 | 53004      |       | 71411 | 81106 |       |       | 10100 | 20022 |       |
| Lingen               | 24   | 305 | 11570 | 71709 | 10052 | 20016 | 40041 | 53003      | 60022 | 72582 | 84808 | 28    | 38    | 10068 | 20002 |       |
| Münster/Osnabrück    | 48   | 315 | 11160 | 71910 | 10037 | 20018 | 40054 | 55000      | 60022 | 72582 | 83962 |       |       | 10079 | 20002 |       |
| Osnabrück            | 95   | 317 | 16/60 | /2005 | 10041 | 20015 | 40051 | 50005      | 69952 |       |       | 28    | 38    | 10084 | 20002 |       |
| Diepholz             | 39   | 321 | 11483 | 82111 | 10049 | 20018 | 40055 | 52010      | 69942 | 78082 | 83907 | 26    | 35    | 10086 | 21003 |       |
| Bad Salzuflen        | 135  | 325 | 32780 | 72408 | 10065 | 21021 | 40055 | 53006      |       | 85502 |       |       |       | 10086 | 20003 |       |
| Hannover, Flugh.     | 56   | 338 | 11782 | 71913 | 10084 | 21042 | 40053 | 55000      | 69902 | 70282 | 868/2 |       |       | 10095 | 20016 |       |
| Braunschweig         | 81   | 348 | 11784 | 72006 | 10077 | 21047 | 40068 | 53001      | 69902 | 70282 | 81402 | 26    | 35    | 10098 | 20012 |       |
| Gardeslegen          | 47   | 359 | 16/60 | /1706 | 10077 | 21040 | 40069 | 55000      | 69902 |       |       |       |       | 10091 | 21001 |       |
| Magdeburg            | 79   | 361 | 11981 | 72007 | 10082 | 21045 | 40074 | 51002      | 69902 | 70182 | 80008 |       |       | 10093 | 20007 |       |
| Potsdam              | 81   | 379 | 32981 | 61905 | 10073 | 21026 | 40085 | 53004      |       | 81408 |       |       |       | 10112 | 20002 |       |
| Berlin-Dahlem        | 51   | 381 | 32782 | 72006 | 10088 | 21050 | 40085 | 51004      |       | 81408 |       |       |       | 10110 | 20022 |       |
| Berlin-Tegel, Flugh. | 37   | 382 | 32782 | 62006 | 10091 | 21044 | 40079 | 53004      |       | 81101 |       |       |       | 10110 | 20020 |       |
| Berlin-Temp., Flugh. | 50   | 384 | 32782 | 61807 | 10092 | 21034 | 40083 | 51003      |       | 81102 |       |       |       | 10107 | 20028 |       |
| Berlin-Schönefeld    | 47   | 385 | 32782 | 71704 | 10071 | 21024 | 40085 | 52004      |       | 81468 |       |       |       | 10110 | 20003 |       |
| Lindenberg           | 98   | 393 | 32982 | 51803 | 10081 | 21006 | 40090 | 53004      |       | 82048 |       |       |       | 10104 | 20007 |       |
| Manschnow            | 12   | 396 | 36/60 | /1904 | 10078 | 21004 | 40085 | 53005      |       |       |       |       |       | 10110 | 20008 |       |
| Dösselndorf, Flugh.  | 45   | 400 | 11580 | 61509 | 10064 | 20018 | 40055 | 58003      | 69982 | 70282 | 84208 | 31    | 40    | 10088 | 20015 |       |
| Bocholt              | 21   | 406 | 16/60 | /2304 | 10049 | 20013 | 40041 | 51003      | 69992 |       |       |       |       | 10083 | 20002 |       |
| Essen                | 152  | 410 | 11665 | 61610 | 10044 | 20026 | 40052 | 58001      | 60012 | 72582 | 85902 | 27    | 35    | 10088 | 20001 |       |
| Lödenscheid          | 387  | 418 | 16/60 | /1707 | 10031 | 20004 | 40057 | 50000      | 69952 |       |       |       |       | 10060 | 21009 |       |
| Kahler Asten *       | 839  | 427 | 11280 | 71907 | 11008 | 21015 | 48358 | 53001      | 69932 | 72682 | 84371 | 26    | 35    | 10032 | 21038 | 59972 |
| Bad Lippspringe      | 157  | 430 | 11581 | 72410 | 10058 | 21007 | 40065 | 53010      | 69902 | 72522 | 868/2 |       |       | 10089 | 20005 |       |
| Kassel               | 231  | 438 | 11585 | 72008 | 10055 | 21022 | 40065 | 55001      | 69902 | 70182 | 81202 |       |       | 10082 | 21009 |       |
| Göttingen            | 167  | 444 | 16/60 | /1709 | 10066 | 21017 | 40069 | 55001      | 69912 |       |       | 26    | 35    | 10092 | 21008 |       |
| Leinefelde           | 356  | 449 | 11982 | 72109 | 10059 | 21042 | 40073 | 55000      | 69902 | 70182 | 81046 |       |       | 10076 | 21005 |       |
| Braunlage            | 607  | 452 | 11584 | 62104 | 10062 | 21040 | 40072 | 51005      | 69902 | 72182 | 81108 | 26    | 35    | 10049 | 21018 |       |
| Brocken *            | 1142 | 454 | 11589 | 71921 | 11024 | 21057 | 48365 | 50005      | 69922 | 72782 | 82968 | 30    | 41    | 11011 | 21061 | 59972 |
| Artern               | 164  | 460 | 11687 | 82510 | 10076 | 21030 | 40083 | 53006      | 69902 | 71522 | 84307 |       |       | 10102 | 21002 |       |
| Leipzig-Schkeuditz   | 144  | 469 | 32782 | 62003 | 10078 | 21028 | 40084 | 53002      |       | 84202 |       |       |       | 10100 | 20000 |       |
| Wittenberg           | 105  | 474 | 32783 | 72004 | 10084 | 21032 | 40081 | 52003      |       | 81208 |       |       |       | 10107 | 20002 |       |
| Oschatz              | 150  | 480 | 32786 | 52003 | 10087 | 21020 | 40089 | 52003      |       | 83148 |       |       |       | 10107 | 20008 |       |
| Dresden-Klotzsche    | 230  | 488 | 11781 | 51103 | 10070 | 21011 | 40093 | 53003      | 69902 | 70181 | 81261 |       |       | 10094 | 20015 |       |
| Doberslug-Kirchhain  | 97   | 490 | 36/// | /1405 | 10082 | 21005 | 40091 | 53002      |       |       |       |       |       | 10107 | 20007 |       |
| Cottbus              | 69   | 496 | 32682 | 21803 | 10090 | 21035 | 40092 | 53003      |       | 81102 |       |       |       | 10115 | 20009 |       |
| Görlitz              | 237  | 499 | 32680 | 63101 | 10077 | 21002 | 40093 | 53005      |       | 81206 |       |       |       | 10098 | 20018 |       |
| Aachen               | 202  | 501 | 11589 | 72010 | 10058 | 21004 | 40084 | 55001      | 69912 | 70282 | 81868 | 27    | 35    | 10098 | 20011 |       |
| Mönchengladbach      | 118  | 502 | 11684 | 71906 | 10070 | 20002 | 40060 | 56003      | 69902 | 70182 | 81802 |       |       | 10090 | 20013 |       |
| Nürburg/Barweiler    | 485  | 506 | 11280 | 71608 | 10011 | 20001 | 40062 | 58005      | 60042 | 70182 | 82232 |       |       | 10049 | 21017 |       |
| Köln/Bonn, Flugh.    | 91   | 513 | 11584 | 71612 | 10055 | 20004 | 40055 | 55007      | 69942 | 70282 | 81178 | 30    | 40    | 10098 | 21003 |       |
| Mendig               | 182  | 514 | 11458 | 72307 | 10049 | 20010 | 40072 | 56004      | 69912 | 78082 | 85901 | 21    | 26    | 10104 | 21006 |       |
| Bendorf              | 127  | 515 | 16/60 | /1906 | 10065 | 20004 | 40066 | 56005      | 69902 |       |       | 25    | 35    | 10100 | 20014 |       |
| Bad Marienberg       | 547  | 526 | 11584 | 71907 | 10020 | 21007 | 40071 | 50001      | 69902 | 71582 | 83331 | 27    | 35    | 10044 | 21022 |       |
| Giessen              | 186  | 532 | 11580 | 71802 | 10052 | 20012 | 40086 | 50006      | 60012 | 72782 | 84931 |       |       | 10083 | 20002 |       |
| Bad Hersfeld         | 273  | 542 | 16/60 | /2007 | 10061 | 21040 | 40079 | 56002      | 69902 |       |       |       |       | 10084 | 21018 |       |
| Wasserkuppe          | 921  | 544 | 11275 | 71609 | 10057 | 21032 | 48378 | 5////      | 69962 | 72682 | 83301 |       |       | 10037 | 21032 | 59972 |
| Meiningen            | 450  | 548 | 12680 | 71907 | 10050 | 21038 | 40084 | 53002      | 69902 | 82202 |       | 26    | 35    | 10070 | 21032 |       |
| Schmücke *           | 937  | 552 | 16/// | /2108 | 10004 | 21051 | 48382 | 53004      | 69902 |       |       |       |       | 10030 | 21039 |       |
| Erfurt-Bindersleben  | 315  | 554 | 32688 | 62506 | 10046 | 21019 | 40081 | 53004      |       | 82408 |       |       |       | 10089 | 21017 |       |
| Neuhaus a.R. *       | 845  | 557 | 11484 | 61904 | 10004 | 21035 | 48381 | 53001      | 69902 | 70182 | 81268 |       |       | 10047 | 21031 |       |
| Gera-Leumnitz        | 311  | 567 | 32689 | 62007 | 10056 | 21029 | 40082 |            |       |       |       |       |       |       |       |       |

| Station              | Hoeh | iii | iihVV | Nddff | leTTT | 2sTTT | 4PFFF | 5app  | 7ww   | 8NCCC | ff-ff | Erdbodentemp. |      |      |      |            |    |    |    |
|----------------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|------|------|------|------------|----|----|----|
|                      |      |     |       |       |       |       |       |       |       |       |       | 21 Uhr UTC    |      |      |      | 21 Uhr UTC |    |    |    |
|                      |      |     |       |       |       |       |       |       |       |       |       | Rx            | n    | nddd | 12   | 12         | 12 | 12 | 12 |
| Helgoland            | 4    | 015 | 41480 | 72214 | 10051 | 20011 | 40043 | 51021 | 72782 | 878// | 27    | 32            |      |      |      |            |    |    |    |
| List/Sylt            | 26   | 020 | 41482 | 12417 | 10032 | 21008 | 40035 | 53025 | 70181 | 81200 | 29    | 38            |      |      |      |            |    |    |    |
| Leck                 | 7    | 022 | 41565 | 82212 | 10027 | 20015 | 40056 | 52019 | 78081 | 873// | 22    | 31            |      |      |      |            |    |    |    |
| Husum                | 28   | 026 | 41460 | 71813 | 10015 | 20015 | 40056 | 52018 | 78182 | 85902 | 29    | 38            | 0042 | 0047 | 0057 | 0069       |    |    |    |
| Glücksburg/Meierwik  | 27   | 033 | 41460 | 71914 | 10028 | 20016 | 40052 | 53018 | 78082 | 873// | 29    | 38            | 0040 | 0051 | 0062 | 0067       |    |    |    |
| Schleswig            | 43   | 035 | 41460 | 72408 | 10031 | 20012 | 40060 | 52017 | 78022 | 878// | 29    | 38            | 0044 | 0055 | 0063 | 0067       |    |    |    |
| Hohn                 | 12   | 038 | 42565 | 62408 | 10027 | 20004 | 40059 | 52016 | 83501 |       |       |               | 0050 | 0052 | 0066 | 0074       |    |    |    |
| Kiel-Holtenau        | 31   | 046 | 41570 | 61806 | 10050 | 21003 | 40058 | 52010 | 70282 | 82201 |       |               | 0050 | 0052 | 0071 | 0072       |    |    |    |
| Westermarkelsdorf    | 3    | 055 | 41975 | 61904 | 10052 | 20005 | 40064 | 51012 | 70182 | 81078 |       |               | 0056 | 0068 | 0074 | 0070       |    |    |    |
| Arkona               | 42   | 091 | 42984 | 51913 | 10053 | 21003 | 40087 | 53008 | 82038 |       |       |               | 0072 | 0074 | 0073 | 0065       |    |    |    |
| Norderney            | 11   | 113 | 42472 | 52205 | 10047 | 20018 | 40043 | 51017 | 81502 |       |       |               | 0039 | 0047 | 0066 | 0073       |    |    |    |
| Bremerhaven          | 7    | 129 | 42675 | 71806 | 10041 | 20010 | 40059 | 51015 | 81532 |       |       |               |      |      |      |            |    |    |    |
| Cuxhaven             | 5    | 131 | 41465 | 82305 | 10037 | 20023 | 40057 | 51018 | 76186 | 877// | 25    | 32            | 0056 | 0062 | 0076 | 0082       |    |    |    |
| Hamburg, Flugh.      | 16   | 147 | 42775 | 72112 | 10060 | 21005 | 40067 | 52012 | 8453/ |       | 27    | 32            | 0068 | 0077 | 0082 | 0074       |    |    |    |
| Lübeck-Blankensee    | 14   | 156 | 46/60 | /1905 | 10044 | 21014 | 40066 | 52014 |       |       |       |               | 0068 | 0081 | 0085 | 0077       |    |    |    |
| Boltenhagen          | 15   | 161 | 42680 | 72006 | 10046 | 21003 | 40070 | 53011 | 82508 |       |       |               |      |      |      |            |    |    |    |
| Schwerin             | 59   | 162 | 42975 | 81604 | 10058 | 21023 | 40070 | 51010 | 80007 |       |       |               | 0055 | 0074 | 0085 | 0070       |    |    |    |
| Rostock-Warnemünde   | 4    | 170 | 42580 | 81609 | 10053 | 21006 | 40070 | 51008 | 85502 |       |       |               | 0045 | 0063 | 0075 | 0075       |    |    |    |
| Teterow              | 46   | 177 | 46/60 | /1610 | 10023 | 20004 | 40084 | 51009 |       |       |       |               | 0061 | 0081 | 0091 | 0075       |    |    |    |
| Barth                | 7    | 180 | 46/60 | /1603 | 10032 | 20000 | 40077 | 51011 |       |       |       |               | 0067 | 0073 | 0076 | 0072       |    |    |    |
| Greifswald           | 2    | 184 | 41981 | 61605 | 10038 | 20009 | 40088 | 51011 | 70181 |       | 28    | 32            | 0074 | 0082 | 0087 | 0077       |    |    |    |
| Ueckermünde          | 1    | 193 | 46/59 | /1604 | 10048 | 21037 | 40100 | 51011 |       |       |       |               | 0085 | 0090 | 0090 | 0078       |    |    |    |
| Emden-Flugplatz      | 0    | 200 | 42575 | 71705 | 10026 | 20016 | 40046 | 51015 | 865// |       |       |               | 0045 | 0064 | 0073 | 0081       |    |    |    |
| Oldenburg            | 11   | 215 | 42670 | 52004 | 10040 | 20010 | 40055 | 53010 | 81501 |       |       |               | 0052 | 0053 | 0065 | 0073       |    |    |    |
| Bremen, Flugh.       | 3    | 224 | 42982 | 51604 | 10023 | 21002 | 40063 | 51011 | 81031 |       |       |               | 0051 | 0058 | 0070 | 0077       |    |    |    |
| Soltau               | 77   | 235 | 41775 | 70000 | 10048 | 21001 | 40070 | 51014 | 7212/ | 82532 |       |               | 0071 | 0081 | 0088 | 0077       |    |    |    |
| Boizenburg           | 45   | 249 | 46/60 | /1705 | 10046 | 21018 | 40074 | 51011 |       |       |       |               | 0079 | 0086 | 0091 | 0079       |    |    |    |
| Lüchow               | 17   | 253 | 42980 | 71604 | 10051 | 21016 | 40076 | 51010 | 82032 |       |       |               | 0053 | 0060 | 0085 | 0070       |    |    |    |
| Seehausen            | 21   | 261 | 42975 | 41605 | 10045 | 21028 | 40086 | 53008 | 80008 |       |       |               |      |      |      |            |    |    |    |
| Marnitz              | 81   | 264 | 46/60 | /1507 | 10038 | 21004 | 40082 | 53008 |       |       |       |               | 0070 | 0084 | 0091 | 0079       |    |    |    |
| Neuruppin            | 38   | 270 | 42965 | 61603 | 10037 | 20014 | 40087 | 52007 | 80001 |       |       |               | 0070 | 0083 | 0091 | 0079       |    |    |    |
| Neubrandenburg       | 81   | 280 | 42980 | 61307 | 10034 | 21004 | 40090 | 51006 |       |       |       |               |      |      |      |            |    |    |    |
| Angermünde           | 56   | 291 | 42984 | 71706 | 10051 | 21025 | 40095 | 51010 | 81036 |       |       |               | 0061 | 0074 | 0076 | 0075       |    |    |    |
| Lingen               | 24   | 305 | 42970 | 31609 | 10040 | 20015 | 40050 | 51009 | 80001 |       |       |               | 0053 | 0057 | 0070 | 0079       |    |    |    |
| Münster/Osnabrück    | 48   | 315 | 41762 | 20903 | 10025 | 20017 | 40061 | 51007 | 72581 | 81501 |       |               | 0057 | 0067 | 0075 | 0077       |    |    |    |
| Osnabrück            | 95   | 317 | 46/60 | /1606 | 10035 | 20003 | 40061 | 51009 |       |       |       |               | 0059 | 0064 | 0070 | 0074       |    |    |    |
| Diepholz             | 39   | 321 | 41782 | 41706 | 10034 | 20014 | 40061 | 53006 | 70181 | 81501 |       |               | 0038 | 0050 | 0066 | 0073       |    |    |    |
| Bad Salzflun         | 135  | 325 | 41782 | 71805 | 10036 | 20002 | 40068 | 51011 | 70282 | 83501 |       |               | 0051 | 0064 | 0076 | 0076       |    |    |    |
| Hannover, Flugh.     | 56   | 338 | 42782 | 72304 | 10054 | 21008 | 40069 | 52015 | 8353/ |       |       |               | 0072 | 0080 | 0081 | 0076       |    |    |    |
| Braunschweig         | 81   | 348 | 42782 | 71505 | 10050 | 21021 | 40078 | 52009 | 81572 |       |       |               | 0047 | 0066 | 0078 | 0072       |    |    |    |
| Gardelegen           | 47   | 359 | 46/60 | /1808 | 10047 | 21030 | 40081 | 51011 |       |       |       |               | 0056 | 0070 | 0083 | 0080       |    |    |    |
| Magdeburg            | 79   | 361 | 42675 | 71806 | 10038 | 21017 | 40087 | 51011 | 81106 |       |       |               | 0067 | 0077 | 0084 | 0081       |    |    |    |
| Potsdam              | 81   | 379 | 42980 | 71609 | 10047 | 21022 | 40096 | 51010 | 80008 |       |       |               | 0063 | 0079 | 0094 | 0084       |    |    |    |
| Berlin-Dahlem        | 51   | 381 | 42982 | 61708 | 10044 | 21021 | 40096 | 52010 | 82038 |       |       |               |      |      |      |            |    |    |    |
| Berlin-Tegel, Flugh. | 37   | 382 | 42982 | 41605 | 10067 | 21032 | 40089 | 51010 | 80001 |       |       |               | 0078 | 0093 | 0100 | 0085       |    |    |    |
| Berlin-Temp., Flugh. | 50   | 384 | 42982 | 51506 | 10063 | 21018 | 40094 | 51010 | 80001 |       |       |               | 0074 | 0085 | 0083 | 0072       |    |    |    |
| Berlin-Schönefeld    | 47   | 385 | 42982 | 71405 | 10046 | 21025 | 40096 | 51010 | 81038 |       |       |               | 0054 | 0071 | 0081 | 0076       |    |    |    |
| Lindenberg           | 98   | 393 | 42981 | 01604 | 10043 | 21010 | 40102 | 51010 |       |       |       |               | 0073 | 0088 | 0088 | 0078       |    |    |    |
| Manschnow            | 12   | 396 | 42965 | 01505 | 10036 | 21007 | 40096 | 51011 |       |       |       |               | 0077 | 0088 | 0093 | 0085       |    |    |    |
| Düsseldorf, Flugh.   | 45   | 400 | 41780 | 81812 | 10054 | 20014 | 40061 | 52011 | 70382 | 8157/ |       |               | 0052 | 0064 | 0072 | 0076       |    |    |    |
| Bocholt              | 21   | 406 | 42962 | 01505 | 10037 | 20013 | 40047 | 51006 |       |       |       |               | 0050 | 0064 | 0072 | 0073       |    |    |    |
| Essen                | 152  | 410 | 41980 | 31711 | 10036 | 20006 | 40060 | 50007 | 70181 | 82031 |       |               | 0048 | 0059 | 0071 | 0069       |    |    |    |
| Lödenscheid          | 387  | 418 | 46/60 | /1906 | 10024 | 21008 | 40066 | 51007 |       |       |       |               | 0059 | 0060 | 0065 | 0063       |    |    |    |
| Kahler Asten         | 839  | 427 | 41982 | 21810 | 11019 | 21027 | 48360 | 50005 | 70181 | 80001 |       |               | 0024 | 0033 | 0042 | 0043       |    |    |    |
| Bad Lippe Springs    | 157  | 430 | 43683 | 71804 | 10036 | 20002 | 40073 | 53006 | 82502 |       |       |               | 0044 | 0061 | 0070 | 0069       |    |    |    |
| Kassel               | 231  | 438 | 42984 | 52002 | 10023 | 20001 | 40080 | 51011 | 80002 |       |       |               | 0051 | 0067 | 0076 | 0076       |    |    |    |
| Göttingen            | 167  | 444 | 42980 | 01506 | 10015 | 21026 | 40083 | 51009 |       |       |       |               | 0062 | 0068 | 0069 | 0073       |    |    |    |
| Leinefelde           | 356  | 449 | 42977 | 01703 | 10028 | 21028 | 40087 | 51009 |       |       |       |               | 0057 | 0068 | 0073 | 0067       |    |    |    |
| Braunlage            | 607  | 452 | 42975 | 52306 | 11006 | 21037 | 40097 | 52009 | 80008 |       |       |               | 0037 | 0049 | 0052 | 0051       |    |    |    |
| Brocken              | 1142 | 453 | 42984 | 62033 | 11032 | 21062 | 48368 | 53004 | 80008 |       |       |               |      |      |      |            |    |    |    |
| Artern               | 164  | 460 | 42984 | 51507 | 10042 | 21009 | 40093 | 50007 | 80008 |       |       |               |      |      |      |            |    |    |    |
| Leipzig-Schkeuditz   | 144  | 469 | 42981 | 52004 | 10048 | 21027 | 40096 | 51010 | 80002 |       |       |               | 0061 | 0074 | 0079 | 0076       |    |    |    |
| Wittenberg           | 105  | 474 | 42982 | 51203 | 10042 | 21030 | 40094 | 51011 | 80008 |       |       |               | 0073 | 0096 | 0107 | 0091       |    |    |    |
| Oschatz              | 150  | 480 | 42782 | 31702 | 10045 | 21004 | 40104 | 51012 | 81141 |       |       |               |      |      |      |            |    |    |    |
| Dresden-Klotzsche    | 230  | 488 | 42975 | 71507 | 10050 | 21008 | 40106 | 51011 | 85032 |       |       |               | 0055 | 0069 | 0084 | 0080       |    |    |    |
| Doberlug-Kirchhain   | 97   | 490 | 46/// | /1609 | 10048 | 21006 | 40102 | 51010 |       |       |       |               | 0074 | 0087 | 0095 | 0080       |    |    |    |
| Cottbus              | 69   | 496 | 42980 | 21504 | 10058 | 20006 | 40104 | 51011 | 80002 |       |       |               | 0049 | 0080 | 0095 | 0085       |    |    |    |
| Görlitz              | 237  | 499 | 42970 | 61503 | 10037 | 20006 | 40108 | 52011 | 86030 |       |       |               | 0065 | 0078 | 0091 | 0077       |    |    |    |
| Aachen               | 202  | 501 | 42789 | 41705 | 10039 | 20001 | 40051 | 50002 | 82531 |       |       |               | 0055 | 0070 | 0081 | 0078       |    |    |    |
| Nörvenich            | 118  | 502 | 42781 | 71606 | 10040 | 20004 | 40067 | 51006 | 81031 |       |       |               | 0027 | 0043 | 0054 | 0063       |    |    |    |
| Nürnberg/Barweier    | 485  | 506 | 42980 | 31510 | 10012 | 21007 | 40062 | 50000 | 81531 |       |       |               | 0065 | 0075 | 0083 | 0081       |    |    |    |
| Köln/Bonn, Flugh.    | 81   | 513 | 42786 | 61408 | 10037 | 20003 | 40062 | 50006 | 70181 | 81031 |       |               | 0066 | 0076 | 0072 | 0082       |    |    |    |
| Wendig               | 182  | 514 | 41975 | 22102 | 10007 | 21005 | 40076 | 50000 |       |       |       |               | 0099 | 0099 | 0105 | 0097       |    |    |    |
| Bendorf              | 127  | 515 | 46/60 | /0707 | 10022 | 20008 | 40070 | 50001 |       |       |       |               | 0032 | 0048 | 0052 | 0060       |    |    |    |
| Bad Marienberg       | 547  | 526 | 42684 | 41505 | 10004 | 21022 | 40079 | 50003 | 81501 |       |       |               | 0071 | 0078 | 0083 | 0081       |    |    |    |
| Giesen               | 186  | 532 | 41980 | 13302 | 10039 | 20006 | 40089 | 50002 | 70161 | 81031 |       |               | 0046 | 0065 | 0076 | 0074       |    |    |    |
| Bad Hersfeld         | 273  | 542 | 42681 | 40000 | 10012 | 21023 | 40095 | 51009 | 82532 |       |       |               | 0019 | 0036 | 0038 | 0041       |    |    |    |
| Wasserkuppe          | 921  | 544 | 42984 | 21715 | 10015 | 21057 | 48380 | 51003 | 80001 |       |       |               |      |      |      |            |    |    |    |
| Meiningen            | 450  | 548 | 42975 | 21904 | 10031 | 21035 | 40093 | 50005 | 80001 |       |       |               | 0017 | 0028 | 0031 | 0037       |    |    |    |
| Schmücke             | 937  | 552 | 46/// | /1908 | 11008 | 21045 | 48383 | 50004 |       |       |       |               | 0059 | 0071 | 0070 | 0073       |    |    |    |
| Erfurt-Bindersleben  | 315  | 554 | 42984 | 21809 | 10024 | 21025 | 40090 | 51006 | 80008 |       |       |               | 0014 | 0028 | 0039 | 0041       |    |    |    |
| Neuhaus a.R.         | 845  | 557 | 42984 | 21705 | 11011 | 21048 | 48383 | 51005 | 80001 |       |       |               | 0052 | 0069 | 0081 | 0076       |    |    |    |
| Gera-Leumnitz        | 311  | 567 | 42984 | 21607 | 10023 | 21031 | 40097 | 51010 | 80001 | </    |       |               |      |      |      |            |    |    |    |

# Wetterdaten Deutschland

Beobachtungen und Messungen der Wetterstationen des DWD

Jahrgang 4

Höhenbeobachtungen vom Dienstag den 14. April 1998

Nummer 104

| Station<br>YGG | Schleswig   |                |                | Greifswald  |                |                | Bergen      |                |                | Lindenberg  |                |                | Essen       |                |                | Dresden     |                |                | Lindenberg  |                |                |      |      |     |     |    |    |
|----------------|-------------|----------------|----------------|-------------|----------------|----------------|-------------|----------------|----------------|-------------|----------------|----------------|-------------|----------------|----------------|-------------|----------------|----------------|-------------|----------------|----------------|------|------|-----|-----|----|----|
|                | 1400        |                |                | 1400        |                |                | 1400        |                |                | 1400        |                |                | 1400        |                |                | 1400        |                |                | 1400        |                |                |      |      |     |     |    |    |
|                | hhhh<br>ppp | TTTTd<br>TTTTd | ddfff<br>ddfff | hhhh<br>ppp | TTTTd<br>TTTTd | ddfff<br>ddfff | hhhh<br>ppp | TTTTd<br>TTTTd | ddfff<br>ddfff | hhhh<br>ppp | TTTTd<br>TTTTd | ddfff<br>ddfff | hhhh<br>ppp | TTTTd<br>TTTTd | ddfff<br>ddfff | hhhh<br>ppp | TTTTd<br>TTTTd | ddfff<br>ddfff | hhhh<br>ppp | TTTTd<br>TTTTd | ddfff<br>ddfff |      |      |     |     |    |    |
| hPa            | 10          | 3086           | -49            | 10          | 11             | 3084           | -49         | 3059           | -47            | 6           | 5              | 3082           | -47         | 26             | 9              | 3082        | -49            | 30             | 5           | 3082           | -48            | 7    | 17   |     |     |    |    |
|                | 20          | 2636           | -53            | 8           | 16             | 2634           | -54         | 2636           | -53            | 7           | 6              | 2635           | -54         | 7              | 4              | 2634        | -53            | 33             | 12          | 2635           | -55            | 2    | 10   |     |     |    |    |
|                | 30          | 2375           | -54            | 10          | 9              | 2375           | -55         | 2376           | -53            | 27          | 5              | 2376           | -53         | 30             | 8              | 2375        | -54            | 36             | 6           | 2375           | -55            | 25   | 14   |     |     |    |    |
|                | 50          | 2043           | -52            | 20          | 4              | 2044           | -53         | 2045           | -51            | 18          | 5              | 2048           | -53         | 19             | 16             | 2046        | -52            | 23             | 11          | 2047           | -54            | 18   | 9    |     |     |    |    |
|                | 70          | 1824           | -50            | 5           | 1              | 1825           | -50         | 1826           | -49            | 29          | 10             | 1829           | -49         | 23             | 12             | 1826        | -48            | 24             | 5           | 1828           | -50            | 23   | 12   |     |     |    |    |
|                | 100         | 1590           | -48            | -82         | 24             | 8              | 1591        | -48            | -82            | 1592        | -47            | 26             | 8           | 1594           | -47            | -81         | 23             | 21             | 1592        | -48            | -82            | 27   | 16   |     |     |    |    |
|                | 150         | 1321           | -46            | -81         | 24             | 9              | 1321        | -47            | -81            | 1323        | -46            | 25             | 11          | 1324           | -47            | -81         | 24             | 17             | 1323        | -46            | -81            | 29   | 16   |     |     |    |    |
|                | 200         | 1129           | -45            | -80         | 23             | 9              | 1130        | -47            | -81            | 1132        | -46            | 25             | 5           | 1133           | -48            | -81         | 23             | 18             | 1132        | -46            | -81            | 29   | 18   |     |     |    |    |
|                | 250         | 0982           | -49            | -73         | 21             | 12             | 0984        | -51            | -73            | 0984        | -48            | 24             | 10          | 0987           | -50            | -68         | 22             | 19             | 0985        | -49            | -75            | 29   | 17   |     |     |    |    |
|                | 300         | 0863           | -52            | -69         | 22             | 18             | 0868        | -59            | -67            | 0865        | -52            | 21             | 22          | 0870           | -59            | -66         | 18             | 33             | 0866        | -52            | -62            | 29   | 15   |     |     |    |    |
|                | 400         | 0675           | -46            | -50         | 22             | 19             | 0681        | -44            | -49            | 0678        | -46            | -53            | 21          | 34             | 0684           | -46         | -54            | 20             | 19          | 0678           | -43            | -48  | 29   | 11  |     |    |    |
|                | 500         | 0523           | -34            | -40         | 22             | 25             | 0528        | -34            | -48            | 0526        | -34            | -43            | 22          | 41             | 0531           | -33         | -50            | 23             | 12          | 0525           | -35            | -42  | 22   | 16  |     |    |    |
|                | 700         | 0278           | -16            | -19         | 26             | 20             | 0282        | -12            | -35            | 0282        | -16            | -24            | 23          | 25             | 0284           | -13         | -32            | 24             | 8           | 0282           | -17            | -22  | 25   | 26  |     |    |    |
|                | 850         | 0129           | -6             | -6          | 26             | 25             | 0131        | -5             | -7             | 0132        | -5             | -11            | 26          | 25             | 0134           | -7          | -9             | 27             | 13          | 0134           | -7             | -9   | 26   | 22  |     |    |    |
|                | 1000        | 00-1           |                |             |                | 0001           | 4           | -1             |                | 0003        |                |                |             | 0003           |                |             |                |                | 0005        |                |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0101           | -49         |                |                |             |                |                |             |                |                |             |                |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0104           | -47         |                |                |             |                |                |             |                |                |             |                |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0107           |             | 10             | 20             |             |                |                |             |                |                |             |                |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0116           | -50         |                |                |             |                |                |             |                |                |             |                |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0133           |             | 11             | 17             |             |                |                |             |                |                |             |                |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0182           |             | 6              | 10             | 0070        | -38            | 30             | 19          |                |                |             |                |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0209           |             | 8              | 4              | 0078        |                | 30             | 8           |                |                |             |                |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0216           |             | 10             | 2              | 0081        |                | 34             | 6           | 0056           | -38            | 27          | 8              |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0224           | -53         | 15             | 2              | 0093        |                | 36             | 10          | 0060           |                | 26          | 9              |                |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0238           | -56         |                |                | 0104        | -49            |                |             | 0069           |                | 31          | 8              | 0053           | -39  | 31   | 26  |     |    |    |
|                |             |                |                |             |                |                |             |                | 0258           |             | 30             | 3              | 0112        |                | 15             | 5           | 0076           | -41            |             |                | 0068           |      | 26   | 15  |     |    |    |
|                |             |                |                |             |                |                |             |                | 0276           |             | 31             | 5              | 0119        |                | 16             | 11          | 0085           | -46            | 30          | 12             | 0074           | -39  | 29   | 5   |     |    |    |
|                |             |                |                |             |                |                |             |                | 0315           |             | 26             | 7              | 0126        | -52            |                |             | 0094           | -45            |             |                | 0089           |      | 35   | 10  |     |    |    |
|                |             |                |                |             |                |                |             |                | 0324           | -52         |                |                | 0137        | -49            |                |             | 0113           | -52            |             |                | 0108           | -52  |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0367           |             | 24             | 10             | 0182        | -51            | 9              | 18          | 0134           |                | 17          | 9              | 0114           |      | 22   | 3   |     |    |    |
|                |             |                |                |             |                |                |             |                | 0405           |             | 21             | 4              | 0198        |                | 7              | 5           | 0192           |                | 1           | 8              | 0129           |      | 16   | 5   |     |    |    |
|                |             |                |                |             |                |                |             |                | 0419           |             | 15             | 2              | 0208        | -56            |                |             | 0212           |                | 29          | 16             | 0160           | -50  |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0444           |             | 24             | 4              | 0217        |                | 15             | 1           | 0226           | -53            |             |                | 0186           |      | 6    | 10  |     |    |    |
|                |             |                |                |             |                |                |             |                | 0554           |             | 16             | 8              | 0268        |                | 8              | 8           | 0247           |                | 23          | 6              | 0203           |      | 1    | 8   |     |    |    |
|                |             |                |                |             |                |                |             |                | 0601           |             | 17             | 4              | 0293        | -53            | 33             | 7           | 0264           | -56            |             |                | 0216           |      | 29   | 5   |     |    |    |
|                |             |                |                |             |                |                |             |                | 0617           |             | 13             | 1              | 0320        |                | 26             | 11          | 0277           |                | 5           | 6              | 0227           | -57  |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0634           |             | 36             | 4              | 0339        | -56            |                |             | 0312           |                | 33          | 6              | 0256           |      | 32   | 8   |     |    |    |
|                |             |                |                |             |                |                |             |                | 0725           |             | 28             | 13             | 0370        |                | 23             | 6           | 0334           | -52            | 27          | 8              | 0281           | -52  |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0785           |             | 21             | 15             | 0416        |                | 25             | 8           | 0386           | -54            | 23          | 10             | 0306           | -56  |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0826           |             | 20             | 12             | 0445        | -52            |                |             | 0471           |                | 22          | 7              | 0321           |      |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0892           |             | 20             | 6              | 0520        |                | 17             | 13          | 0565           | -50            | 25          | 10             | 0336           | -56  |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 0938           |             | 27             | 5              | 0534        | -54            |                |             | 0615           | -52            |             |                | 0388           |      | 27   | 8   |     |    |    |
|                |             |                |                |             |                |                |             |                | 1090           |             | 26             | 12             | 0582        | -50            |                |             | 0647           |                | 22          | 8              | 0436           | -53  |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 1100           | -47         |                |                | 0597        |                | 22             | 11          | 0681           |                | 22          | 5              | 0500           | -54  | 18   | 9   |     |    |    |
|                |             |                |                |             |                |                |             |                | 1200           | -46         |                |                | 0754        |                | 24             | 15          | 0705           | -48            |             |                | 0534           |      | 21   | 7   |     |    |    |
|                |             |                |                |             |                |                |             |                | 1220           |             | 22             | 8              | 1000        | -47            | -81            | 23          | 21             | 0790           |             | 31             | 6              | 0577 | -50  |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 1370           |             | 26             | 11             | 1190        |                | 23             | 24          | 0816           | -51            |             |                | 0605           |      | 23   | 22  |     |    |    |
|                |             |                |                |             |                |                |             |                | 1460           |             | 25             | 12             | 1340        | -45            | -80            |             | 1000           | -48            | -82         | 27             | 16             | 0714 |      | 24  | 12  |    |    |
|                |             |                |                |             |                |                |             |                | 1600           |             | 26             | 8              | 1490        | -47            | -81            |             | 1090           |                | 26          | 16             | 0817           | -50  |      |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 1740           |             | 24             | 10             | 1800        | -46            | -81            | 24          | 18             | 1240           | -48         | -82            | 28             | 11   | 1000 | -46 | -81 | 23 | 26 |
|                |             |                |                |             |                |                |             |                | 1860           |             | 24             | 5              | 2340        | -49            | -79            |             | 1310           |                | 27          | 12             | 1050           |      | 24   | 30  |     |    |    |
|                |             |                |                |             |                |                |             |                | 1980           |             | 27             | 5              | 2410        | -49            | -74            |             | 1450           | -46            | -81         | 29             | 17             | 1190 | -46  | -81 |     |    |    |
|                |             |                |                |             |                |                |             |                | 2030           |             | 27             | 8              | 2660        |                | 21             | 16          | 1630           | -47            | -81         |                | 1340           | -47  | -81  |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 2070           |             | 27             | 8              | 2660        |                |                |             | 1910           | -45            | -80         |                | 1380           |      | 25   | 17  |     |    |    |
|                |             |                |                |             |                |                |             |                | 2210           | -46         |                |                | 2770        | -54            | -64            |             | 2200           | -49            | -83         | 30             | 19             | 1760 | -46  | -81 |     |    |    |
|                |             |                |                |             |                |                |             |                | 2400           |             | 24             | 10             | 3010        | -59            | -66            | 18          | 34             | 2390           | -48         | -78            |                | 2510 | -50  | -77 | 23  | 15 |    |
|                |             |                |                |             |                |                |             |                | 2550           |             | 25             | 10             | 3190        | -57            | -63            | 17          | 37             | 2470           | -49         | -78            |                | 2990 | -57  | -67 | 19  | 26 |    |
|                |             |                |                |             |                |                |             |                | 3020           |             | 21             | 22             | 3430        |                | 16             | 34          | 2650           |                | 28          | 16             | 3210           |      | 17   | 22  |     |    |    |
|                |             |                |                |             |                |                |             |                | 3270           | -53         | -61            | 22             | 26          | 3600           | -51            | -57         |                | 3250           | -54         | -61            | 30             | 18   | 3270 | -57 | -63 | 17 | 20 |
|                |             |                |                |             |                |                |             |                | 3430           |             | 22             | 29             | 3630        | -50            | -55            |             | 3720           | -47            | -52         | 31             | 11             | 3450 | -55  | -62 |     |    |    |
|                |             |                |                |             |                |                |             |                | 3800           |             | 19             | 38             | 3930        | -47            | -54            |             | 4060           | -43            | -47         |                | 3950           |      | 23   | 14  |     |    |    |
|                |             |                |                |             |                |                |             |                | 4030           |             | 21             | 33             | 4420        | -40            | -56            |             | 4160           |                | 28          | 11             | 4370           |      | 22   | 10  |     |    |    |
|                |             |                |                |             |                |                |             |                | 4270           | -44         | -50            |                | 4560        |                | 23             | 14          | 4610           | -38            | -44         | 24             | 14             | 4590 | -38  | -51 |     |    |    |
|                |             |                |                |             |                |                |             |                | 4490           |             | 22             | 52             | 5710        | -25            | -44            |             | 4890           | -36            | -42         |                | 4860           | -34  | -45  |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 4650           | -39         | -45            |                | 5900        |                | 25             | 13          | 4990           |                | 22          | 16             | 5270           | -30  | -38  |     |     |    |    |
|                |             |                |                |             |                |                |             |                | 5230           | -31         | -43            |                | 6000        |                | 25             | 12          | 5240           | -33            | -43         |                | 5380           |      | 24   | 12  |     |    |    |
|                |             |                |                |             |                |                |             |                | 5430           | -30         | -43            |                | 6040        | -22            | -30            |             | 5450           | -32            | -36         |                | 6000           |      | 21   | 11  |     |    |    |
|                |             |                |                |             |                |                |             |                | 5520           | -30         | -37            |                | 6480        | -18            | -35            | 24          | 7              | 6000           |             | 24             | 23             | 6090 | -20  | -38 |     |    |    |
|                |             |                |                |             |                |                |             |                | 5660           |             | 21             | 29             | 6830        | -14            | -32            |             | 6100           | -25            | -33         |                | 6250           |      | 20   | 11  |     |    |    |
|                |             |                |                |             |                |                |             |                |                |             |                |                |             |                |                |             |                |                |             |                |                |      |      |     |     |    |    |

| Station    | Meiningen |       |           | Stuttgart |       |           | Muenchen |       |           | Emden |       |           | Lindenberg |       |           |
|------------|-----------|-------|-----------|-----------|-------|-----------|----------|-------|-----------|-------|-------|-----------|------------|-------|-----------|
| YGG        | 1400      |       |           | 1400      |       |           | 1400     |       |           | 1400  |       |           | 1418       |       |           |
|            | hhhh      | TTTTd | ddfff     | hhhh      | TTTTd | ddfff     | hhhh     | TTTTd | ddfff     | hhhh  | TTTTd | ddfff     | hhhh       | TTTTd | ddfff     |
| hPa        | ppp       | TTTTd | ddfff     | ppp       | TTTTd | ddfff     | ppp      | TTTTd | ddfff     | ppp   | TTTTd | ddfff     | ppp        | TTTTd | ddfff     |
| 10         | 3087      | -45   | 29 10     | 3089      | -47   | 30 18     | 3088     | -47   | 29 15     | 3086  |       |           | 3092       | -44   | 5 6       |
| 20         | 2633      | -55   | 33 9      | 2638      | -53   | 29 8      | 2636     | -54   | 30 8      | 2633  | -54   | 7 16      | 2639       | -52   | 11 9      |
| 30         | 2376      | -56   | 25 10     | 2378      | -55   | 25 13     | 2376     | -55   | 26 22     | 2373  | -55   | 8 7       | 2379       | -54   | 24 6      |
| 40         | 2047      | -51   | 20 10     | 2049      | -52   | 23 13     | 2047     | -52   | 25 8      | 2042  | -53   | 28 3      | 2048       | -50   | 23 15     |
| 50         | 1827      | -51   | 24 11     | 1829      | -51   | 25 21     | 1829     | -50   | 22 13     | 1824  | -51   | 36 1      | 1829       | -51   | 23 15     |
| 70         | 1593      | -47   | -81 25 18 | 1596      | -48   | -82 25 25 | 1596     | -48   | -82 24 32 | 1590  | -48   | -53 28 9  | 1595       | -48   | -82 23 15 |
| 100        | 1324      | -46   | -81 25 16 | 1328      | -46   | -81 26 23 | 1328     | -47   | -81 25 26 | 1322  | -46   | -50 29 9  | 1328       | -48   | -82 26 25 |
| 150        | 1133      | -46   | -81 25 14 | 1136      | -46   | -80 27 23 | 1137     | -45   | -74 25 23 | 1130  | -46   | -51 27 11 | 1139       | -51   | -78 27 23 |
| 200        | 0986      | -49   | -79 26 17 | 0988      | -49   | -77 28 21 | 0988     | -49   | -67 26 27 | 0982  | -49   | -54 27 14 | 0994       | -56   | -66 28 30 |
| 250        | 0867      | -54   | -67 22 20 | 0869      | -51   | -68 26 12 | 0869     | -53   | -64 22 17 | 0863  | -54   | -59 26 15 | 0878       | -54   | -61 30 25 |
| 300        | 0682      | -47   | -55 22 42 | 0682      | -48   | -53 18 37 | 0684     | -47   | -51 19 26 | 0676  | -44   | -48 24 15 | 0688       | -43   | -53 26 23 |
| 400        | 0530      | -34   | -39 20 31 | 0531      | -34   | -38 17 22 | 0531     | -33   | -35 15 19 | 0522  | -34   | -37 23 20 | 0535       | -33   | -38 21 34 |
| 500        | 0285      | -15   | -36 23 17 | 0286      | -16   | -33 26 10 | 0285     | -14   | -14 8 14  | 0279  | -17   | -20 25 18 | 0289       | -14   | -21 22 27 |
| 700        | 0135      | -4    | -10 27 15 | 0137      | -4    | -12 30 21 | 0135     | -6    | -6 33 22  | 0130  | -6    | -8 28 12  | 0139       | -3    | -9 23 12  |
| 850        | 0005      |       |           | 0006      |       |           | 0006     |       |           | 0001  | 2     | 1 22 8    | 0007       |       |           |
| 1000       |           |       |           |           |       |           |          |       |           |       |       |           |            |       |           |
|            |           |       |           | 0050      | -38   | 27 9      |          |       |           |       |       |           |            |       |           |
|            |           |       |           | 0059      | -35   |           |          |       |           |       |       |           |            |       |           |
|            |           |       |           | 0081      | -42   |           |          |       |           |       |       |           |            |       |           |
|            |           |       |           | 0094      | -48   | 30 15     |          |       |           |       |       |           |            |       |           |
|            |           |       |           | 0103      | -47   |           | 0072     | -41   | 30 20     |       |       |           | 0085       | -42   | 25 3      |
|            | 0071      | -43   | 29 12     | 0116      | -53   | 27 34     | 0082     | -43   |           |       |       |           | 0100       | -44   | 5 6       |
|            | 0092      |       | 31 5      | 0128      | -50   |           | 0090     | -49   |           |       |       |           | 0110       |       | 5 9       |
|            | 0095      |       | 30 6      | 0135      |       | 23 16     | 0098     |       | 29 14     |       |       |           | 0135       |       | 34 6      |
|            | 0118      | -47   | 27 22     | 0140      | -54   | 25 8      | 0107     | -46   |           |       |       |           | 0158       | -52   | 10 7      |
|            | 0133      | -52   |           | 0167      | -52   |           | 0116     | -52   | 28 37     |       |       |           | 0193       |       | 13 9      |
|            | 0158      | -54   | 15 1      | 0184      |       | 26 8      | 0125     | -50   |           |       |       |           | 0200       | -52   | 11 9      |
|            | 0194      |       | 34 6      | 0213      |       | 31 14     | 0132     | -54   |           |       |       |           | 0243       | -55   |           |
|            | 0213      |       | 30 12     | 0239      |       | 28 15     | 0137     |       | 26 15     |       |       |           | 0252       |       | 28 16     |
|            | 0259      | -56   | 29 9      | 0276      |       | 28 12     | 0153     | -51   |           |       |       |           | 0283       |       | 23 8      |
|            | 0306      | -55   | 24 6      | 0300      | -55   | 25 13     | 0169     |       | 26 10     | 0123  | -48   | 12 11     | 0336       |       | 26 10     |
|            | 0347      | -52   | 27 12     | 0310      |       | 24 11     | 0195     | -54   | 30 8      | 0154  |       | 11 16     | 0388       |       | 18 9      |
|            | 0408      | -54   |           | 0342      | -52   |           | 0213     | -53   |           | 0176  |       | 10 22     | 0422       |       | 21 4      |
|            | 0486      | -51   | 20 10     | 0364      | -55   |           | 0250     | -57   |           | 0209  | -55   | 6 11      | 0447       |       | 28 5      |
|            | 0565      |       | 23 16     | 0420      |       | 25 21     | 0283     |       | 28 23     | 0241  | -53   | 7 6       | 0516       |       | 23 13     |
|            | 0585      | -50   |           | 0467      |       | 22 9      | 0347     |       | 23 11     | 0263  |       | 11 8      | 0546       | -50   |           |
|            | 0611      | -52   |           | 0609      |       | 23 21     | 0376     | -52   |           | 0281  |       | 10 9      | 0594       |       | 26 13     |
|            | 0626      |       | 22 13     | 0637      | -50   |           | 0400     | -55   |           | 0317  | -56   | 6 6       | 0647       | -53   |           |
|            | 0709      |       | 25 13     | 0692      |       | 26 19     | 0412     |       | 23 26     | 0342  |       | 31 5      | 0684       |       | 23 16     |
|            | 1000      | -47   | -81 25 18 | 0733      | -52   |           | 0487     |       | 24 8      | 0353  | -53   | 28 6      | 0770       | -49   |           |
|            | 1160      | -48   | -82 25 26 | 0782      |       | 24 20     | 0515     | -52   |           | 0393  | -54   |           | 0892       |       | 25 22     |
|            | 1380      |       | 26 14     | 0925      |       | 27 20     | 0529     |       | 26 14     | 0624  |       | 32 1      | 1000       | -48   | -82 23 15 |
|            | 1600      | -46   | -81       | 1000      | -48   | -82 25 25 | 0586     | -54   | 24 23     | 0954  |       | 29 8      | 1100       |       | 27 11     |
|            | 1760      |       | 27 20     | 1070      |       | 24 22     | 0661     |       | 20 21     | 1000  | -48   | -53 28 9  | 1150       | -47   | -81       |
|            | 1920      |       | 25 17     | 1090      | -46   | -81       | 0706     | -49   | 25 13     | 1090  |       | 24 7      | 1300       | -49   | -83 28 19 |
|            | 2140      | -46   | -81       | 1310      | -48   | -82       | 0755     |       | 27 22     | 1210  | -48   | -53 28 7  | 1620       |       | 26 22     |
|            | 2410      |       | 26 16     | 1580      |       | -45 -80   | 0814     |       | 25 30     | 1360  | -45   | -50       | 1780       | -48   | -82       |
|            | 2550      | -50   | -79       | 1710      |       | 27 27     | 0908     | -51   |           | 1660  |       | 30 10     | 2020       | -52   | -78       |
|            | 2700      | -51   | -74       | 1940      | -46   | -81       | 1000     | -48   | -82 24 32 | 1930  |       | 27 11     | 2110       | -51   | -75       |
|            | 2800      | -50   | -68 23 16 | 2740      | -50   | -77       | 1240     | -48   | -82       | 2200  |       | 28 12     | 2380       | -53   | -67       |
|            | 2890      | -54   | -69       | 2950      | -50   | -69 26 11 | 1300     |       | 25 34     | 2360  | -46   | -51       | 2450       | -55   | -67       |
|            | 3190      |       | 20 24     | 3250      |       | 25 13     | 1730     | -45   | -80       | 2510  | -49   | -54       | 2650       | -57   | -64 29 30 |
|            | 3250      | -57   | -66 20 23 | 3410      | -54   | -62 22 22 | 2260     | -45   | -71       | 2820  | -51   | -56       | 2710       |       | 29 31     |
|            | 3610      |       | 23 34     | 3730      | -52   | -58       | 2300     | -46   | -74       | 2910  | -53   | -58 27 14 | 2920       | -55   | -62       |
|            | 3800      | -50   | -59       | 3890      |       | 18 38     | 2540     |       | 25 26     | 3150  | -56   | -61 25 17 | 3650       | -45   | -53 28 21 |
|            | 3950      |       | 22 42     | 4620      |       | 17 24     | 2640     | -51   | -66       | 3300  |       | 24 18     | 4120       | -42   | -53       |
|            | 4400      | -41   | -49       | 5180      | -32   | -35 18 20 | 2960     | -52   | -63       | 4100  | -42   | -46       | 4190       | -43   | -54       |
|            | 4950      |       | 20 32     | 5270      | -31   | -34       | 3140     | -56   | -65 19 13 | 4980  | -34   | -38       | 4350       | -42   | -52       |
|            | 5520      | -29   | -32       | 5770      | -26   | -31       | 3310     | -54   | -61       | 5230  |       | 23 23     | 4470       |       | 21 38     |
|            | 5780      | -26   | -31       | 5910      | -26   | -36       | 3420     | -56   | -62 20 23 | 5310  | -33   | -36       | 5000       | -33   | -38 21 34 |
|            | 6000      |       | 22 18     | 5990      |       | 26 15     | 3680     |       | 20 28     | 5630  |       | 23 16     | 5870       | -23   | -30       |
|            | 6140      |       | 22 17     | 6000      |       | 26 15     | 4310     | -42   | -46       | 6000  |       | 23 18     | 6000       |       | 21 30     |
|            | 6420      | -19   | -41       | 6360      |       | 25 9      | 5160     | -31   | -33       | 6360  |       | 23 20     | 6810       | -15   | -24       |
|            | 6790      |       | 23 17     | 6610      | -19   | -31       | 5250     | -31   | -32       | 6520  | -21   | -23       | 7030       | -14   | -21       |
|            | 7070      | -14   | -35       | 6730      | -18   | -37       | 5530     |       | 15 9      | 7310  | -15   | -17       | 7190       | -13   | -28       |
|            | 7120      | -15   | -36       | 6860      |       | 25 10     | 6000     |       | 14 11     | 7530  | -13   | -15       | 7310       |       | 23 27     |
|            | 7400      | -14   | -18       | 7120      | -15   | -31       | 6460     |       | 12 12     | 8000  |       | 27 14     | 7710       | -10   | -15       |
|            | 7750      | -11   | -14       | 7380      | -14   | -15       | 6740     | -16   | -16       | 8310  | -7    | -10       | 7960       | -8    | -12 23 17 |
|            | 8000      |       | 26 16     | 7520      |       | 30 6      | 6910     | -14   | -15       | 8480  | -6    | -8 28 12  | 8000       |       | 23 17     |
|            | 8600      | -3    | -10       | 8000      |       | 29 14     | 7680     | -10   | -10       | 8940  | -3    | -4        | 8560       |       | 23 12     |
|            | 8780      | -2    | -10       | 8040      | -8    | -15       | 7970     | -9    | -10 1 20  | 8950  |       | 28 15     | 8900       |       | 22 11     |
|            | 8900      |       | 30 17     | 8660      |       | 30 23     | 8000     |       | 36 21     | 9250  | -2    | -3 26 18  | 9250       | 3     | -7 22 9   |
|            | 9030      | -1    | -8        | 8860      |       | 30 24     | 8460     |       | 34 21     | 9280  | -1    | -2 26 18  | 9630       | 7     | -6        |
|            | 9250      | 0     | -6 30 14  | 9250      | 2     | -8 29 22  | 8910     |       | 31 24     | 9570  | 0     | -1        | 9890       |       | 20 12     |
|            | 9430      | 1     | -5        | 9300      | 2     | -8 29 23  | 9250     | -1    | -2 30 17  | 9850  | 2     | 1         | 9950       | 9     | -4 19 4   |
|            | 9520      | 0     | -3 33 6   | 9690      | 4     | -4 26 6   | 9480     | 0     | 0 29 5    | 0010  | 2     | 2 22 8    |            |       |           |
| Tropopause | 3250      | -57   | -66 20 23 | 3410      | -54   | -62 22 22 | 3420     | -56   | -62 20 23 | 3150  | -56   | -61 25 17 | 2660       | -57   | -64 29 30 |
| Max-wind   |           |       |           |           |       |           |          |       |           |       |       |           |            |       |           |
| 30/50      | 0329      |       |           | 0329      |       |           | 0329     |       |           | 0331  |       |           | 0331       |       |           |
| 50/100     | 0454      |       |           | 0453      |       |           | 0451     |       |           | 0452  |       |           | 0456       |       |           |
| 100/200    | 0460      |       |           | 0460      |       |           | 0459     |       |           | 0460  |       |           | 0604       |       |           |
| 200/500    | 0603      |       |           | 0605      |       |           | 0606     |       |           | 0608  |       |           | 0528       |       |           |
| 500/1000   | 0525      |       |           | 0525      |       |           | 0525     |       |           | 0521  |       |           |            |       |           |

| Station              | Schleswig                                     | Greifswald                                    | Bergen  | Lindenberg                                    | Essen   | Dresden                                       |
|----------------------|---|---|---|---|---|---|
| YOGG                 | 1412  | 1412  | 1412  | 1412  | 1412  | 1412  |
|                      | hhhh TTTdTd dffff<br>oder<br>ppp TTTdTd dffff | hhhh TTTdTd dffff<br>oder<br>ppp TTTdTd dffff | hhhh TTTdTd dffff<br>oder<br>ppp TTTdTd dffff | hhhh TTTdTd dffff<br>oder<br>ppp TTTdTd dffff | hhhh TTTdTd dffff<br>oder<br>ppp TTTdTd dffff | hhhh TTTdTd dffff<br>oder<br>ppp TTTdTd dffff |
| hPa                  |   |   |   |   |   |   |
| 10                   | 3081 -47 16 12                                | 3084 -48                                      |   | 3088 -46 35 3                                 | 3083 -48 24 10                                | 3088 -48 23 2                                 |
| 20                   | 2631 -54 9 11                                 | 2633 -53                                      | 2637 -53                                      | 2636 -53 10 3                                 | 2632 -54 32 15                                | 2635 -54 17 4                                 |
| 30                   | 2370 -53 8 2                                  | 2373 -54                                      | 2376 -55                                      | 2375 -52 29 15                                | 2369 -54 12 2                                 | 2375 -56 24 14                                |
| 50                   | 2040 -51 22 5                                 | 2043 -51                                      | 2042 -50                                      | 2047 -52 20 15                                | 2041 -53 23 10                                | 2046 -53 25 6                                 |
| 70                   | 1821 -51 34 2                                 | 1823 -51                                      | 1827 -49                                      | 1827 -51 25 12                                | 1822 -51 25 4                                 | 1828 -51 26 19                                |
| 100                  | 1587 -49 -68 23 9                             | 1590 -48 -82                                  | 1594 -48                                      | 1593 -48 -82 25 17                            | 1590 -51 -73 28 13                            | 1594 -48 -82 24 20                            |
| 150                  | 1319 -47 -66 26 11                            | 1321 -48 -82                                  | 1326 -48                                      | 1325 -47 -81 24 12                            | 1324 -48 -70 28 20                            | 1326 -48 -82 26 23                            |
| 200                  | 1129 -47 -65 25 16                            | 1132 -48 -81                                  | 1135 -48                                      | 1135 -48 -82 26 17                            | 1135 -48 -64 28 26                            | 1137 -48 -79 26 21                            |
| 250                  | 0983 -51 -65 24 23                            | 0985 -50 -77                                  | 0989 -53                                      | 0989 -51 -75 26 19                            | 0990 -55 -64 27 36                            | 0990 -50 -77 27 22                            |
| 300                  | 0864 -52 -64 25 37                            | 0868 -56 -70                                  | 0872 -52 -63                                  | 0871 -56 -68 23 22                            | 0873 -51 -60 27 34                            | 0872 -54 -67 26 16                            |
| 400                  | 0675 -43 -57 23 31                            | 0682 -47 -59                                  | 0682 -40 -53                                  | 0686 -47 -55 20 28                            | 0682 -41 -45 26 31                            | 0687 -47 -55 20 25                            |
| 500                  | 0522 -36 -47 22 30                            | 0530 -34 -45                                  | 0527 -32 -47                                  | 0534 -33 -41 22 28                            | 0528 -32 -36 26 22                            | 0534 -33 -40 21 25                            |
| 700                  | 0280 -19 -22 23 21                            | 0284 -16 -30                                  | 0284 -18 -28                                  | 0287 -14 -23 22 20                            | 0283 -18 -24 24 33                            | 0288 -15 -20 23 22                            |
| 850                  | 0132 -8 -8 22 23                              | 0135 -6 -16                                   | 0135 -6 -14                                   | 0137 -6 -7 25 10                              | 0134 -7 -7 22 21                              | 0138 -4 -13 25 12                             |
| 1000                 | 0003  | 0005 6 -3                                     | 0005  | 0007  | 0004  | 0007  |
| 0067 -43 7 5         |   |   |   | 0084 -44 34 7                                 |   |   |
| 0074 5 11            |   |   |   | 0098 35 6                                     |   |   |
| 0083 -47 5 5         |   |   |   | 0114 17 7                                     |   |   |
| 0088 11 3            |   |   |   | 0125 12 13                                    |   |   |
| 0094 -46 17 11       |   |   |   | 0133 -51                                      |   | 0070 -41 35 4                                 |
| 0121 -52 11 24       |   |   |   | 0158 -49                                      |   | 0076 33 10                                    |
| 0155 8 19            |   |   |   | 0166 11 6                                     |   | 0086 26 9                                     |
| 0163 -51             |   |   |   | 0177 8 8                                      |   | 0092 25 5                                     |
| 0186 8 12            |   |   |   | 0193 7 5                                      |   | 0109 -50                                      |
| 0200 -54 9 11        |   |   |   | 0218 17 7                                     |   | 0116 12 8                                     |
| 0220 10 11           |   |   |   | 0232 15 9                                     |   | 0131 11 5                                     |
| 0269 8 6             |   |   |   | 0244 -56 9 8                                  |   | 0153 23 5                                     |
| 0311 -53             |   |   |   | 0271 6 7                                      |   | 0184 22 5                                     |
| 0340 12 1            |   |   |   | 0288 31 12                                    | 0186 -56                                      | 0208 15 3                                     |
| 0363 -55             |   |   |   | 0300 -52 29 15                                | 0216 -52                                      | 0221 13 9                                     |
| 0510 23 6            |   |   |   | 0333 23 10                                    | 0288 -55                                      | 0283 27 16                                    |
| 0566 -50             |   |   |   | 0396 24 13                                    | 0334 -52                                      | 0307 -56                                      |
| 0594 18 5            |   |   |   | 0412 -55                                      | 0465 -55                                      | 0319 22 10                                    |
| 0707 -51             |   |   |   | 0462 -51                                      | 0546 -51                                      | 0357 25 11                                    |
| 0728 32 6            | 0237 -55                                      |   |   | 0486 19 17                                    | 1000 -51 -73 28 13                            | 0408 -52                                      |
| 0794 28 6            | 0250 -53                                      |   |   | 0548 -52                                      | 1170 25 15                                    | 0423 21 20                                    |
| 1000 -49 -68 23 9    | 0375 -54                                      |   |   | 0616 -49                                      | 1230 26 12                                    | 0484 21 5                                     |
| 1030 23 9            | 0500 -51                                      |   |   | 0680 25 10                                    | 1350 -48 -69                                  | 0511 25 9                                     |
| 1200 -47 -67         | 0774 -51                                      |   |   | 0725 -51                                      | 1670 -49 -71                                  | 0575 -53 21 20                                |
| 1240 23 11           | 0906 -48                                      |   |   | 0777 22 12                                    | 2000 -48 -64 28 26                            | 0616 20 13                                    |
| 1380 26 9            | 1000 -48 -82                                  |   |   | 0885 25 16                                    | 2150 -52 -68                                  | 0648 23 7                                     |
| 1620 27 10           | 1050 -47 -81                                  |   |   | 1000 -48 -82 25 17                            | 2680 -56 -63 27 39                            | 0683 26 13                                    |
| 1970 -47 -65         | 1140 -48 -82                                  |   |   | 1330 23 18                                    | 2990 -51 -59                                  | 0737 24 25                                    |
| 2260 -48 -65         | 1340 -46 -81                                  |   |   | 1970 -47 -81                                  | 3100 -50 -59                                  | 1000 -48 -82 24 20                            |
| 2380 24 24           | 1410 -48 -82                                  |   |   | 2390 -50 -79 26 20                            | 3310 -49 -55                                  | 1760 -47 -81                                  |
| M 2510 -51 -65       | 1620 -49 -83                                  |   |   | 2570 -51 -73                                  | 3910 26 31                                    | 2510 -50 -76                                  |
| a 3050 -52 -64 25 37 | 1880 -47 -81                                  |   |   | 3000 -56 -68 23 22                            | 4160 -39 -42                                  | 2750 -54 -73                                  |
| r 3260 25 40         | 2330 -51 -80                                  |   |   | 3170 22 17                                    | 4270 -38 -42                                  | 3100 26 13                                    |
| k 3590 -48 -61       | 2520 -50 -77                                  |   |   | 3260 -56 -65 22 20                            | 4560 28 30                                    | 3430 -55 -63 23 22                            |
| n 3660 23 34         | 2680 -52 -72                                  |   |   | 3570 -53 -62 20 33                            | 5160 25 21                                    | 3700 21 32                                    |
| t 4260 -40 -54       | 2750 -55 -73                                  |   |   | 4910 -34 -42                                  | 5330 -29 -33                                  | 4140 20 23                                    |
| e 5020 -36 -47       | 3000 -56 -70                                  | 0163 -51                                      |   | 5890 -24 -28 21 24                            | 5680 -27 -30                                  | 4390 -42 -50                                  |
| 5380 -32 -44         | 3340 -53 -66                                  | 0293 -55                                      |   | 6000 21 24                                    | 6000 24 24                                    | 4550 -39 -46                                  |
| 5560 -32 -38         | 3580 -51 -63                                  | 0504 -50                                      |   | 6870 -15 -22                                  | 6180 -25 -31                                  | 6000 21 21                                    |
| P 5760 -30 -34 23 21 | 3790 -49 -61                                  | 0504 -50                                      |   | 7320 -11 -29                                  | 6520 -22 -25                                  | 6090 -21 -28 21 20                            |
| u 6000 23 21         | 3950 -48 -60                                  | 1100 -48                                      |   | 7480 -10 -35                                  | 6820 24 34                                    | 6660 -17 -21                                  |
| n 6740 -21 -26       | 5300 -30 -41                                  | 1640 -48                                      |   | 7630 -10 -28                                  | 6970 -18 -25                                  | 6850 -16 -20 23 24                            |
| 7020 -18 -22         | 5710 -27 -34                                  | 1750 -45                                      |   | 7910 -8 -22 24 19                             | 7200 -16 -17                                  | 6940 -15 -19                                  |
| k 7490 -15 -18       | 6200 -21 -42                                  | 2820 -55 -65                                  |   | 8000 25 18                                    | 7310 -15 -16                                  | 7130 -14 -22                                  |
| e 8000 22 21         | 6440 -19 -43                                  | 3960 -40 -53                                  |   | 8020 -9 -13                                   | 7650 -13 -14                                  | 7220 -14 -32                                  |
| 8080 -10 -11         | 6890 -16 -35                                  | 6030 -25 -41                                  |   | 8210 -8 -10                                   | 7940 -11 -11                                  | 7360 -13 -26                                  |
| 8430 -8 -9           | 7160 -15 -23                                  | 6200 -25 -35                                  |   | 8270 -7 -8                                    | 8000 22 24                                    | 7710 -10 -21                                  |
| 8650 -7 -7           | 8060 -8 -22                                   | 7360 -15 -25                                  |   | 8380 -7 -7                                    | 8370 -8 -8                                    | 8000 24 14                                    |
| 8910 21 24           | 8240 -7 -19                                   | 7500 -14 -19                                  |   | 8640 26 9                                     | 8500 -7 -7 22 21                              | 8470 -4 -14                                   |
| 8920 -5 -6           | 8460 -5 -21                                   | 7790 -12 -15                                  |   | 8900 24 10                                    | 8820 22 21                                    | 8740 -3 -5                                    |
| 9120 21 25           | 8560 -6 -11                                   | 7910 -11 -17                                  |   | 9070 -1 -7                                    | 9030 -2 -7                                    | 8770 26 9                                     |
| 9250 -3 -4 21 24     | 8780 -5 -6                                    | 9200 22 19                                    |   | 9250 1 -6 23 10                               | 9250 0 -6 22 19                               | 9000 26 9                                     |
| 9270 21 24           | 9250 -1 -5                                    | 9250 1 -7 22 18                               |   | 9540 23 9                                     | 9340 1 -6 22 19                               | 9250 2 -4 26 9                                |
| 9530 -1 -3           | 9480 1 -4                                     | 9810 22 16                                    |   | 9820 6 -4 23 16                               | 9750 4 -6                                     | 9710 6 -3                                     |
| 9900 2 -2 21 18      | 9980 5 -4                                     | 9970 6 -3 21 9                                |   | 9950 8 -2 25 6                                | 9870 6 -3 21 10                               | 9810 9 -3 20 4                                |
| 9980 3 1 21 9        | 0060 8 -1 23 9                                |   |   |   |   |   |
| Tropo-<br>pause      | 3050 -52 -64 25 37                            | 3000 -56 -70                                  | 2820 -55 -65                                  | 3260 -56 -65 22 20                            | 2680 -56 -63 27 39                            | 3430 -55 -63 23 22                            |
| Max-<br>wind         |   |   |   |   |   |   |
| 30/50                | 0330  | 0330  | 0334  | 0328  | 0328  | 0329  |
| 50/100               | 0453  | 0453  | 0448  | 0454  | 0451  | 0452  |
| 100/200              | 0458  | 0458  | 0459  | 0458  | 0455  | 0457  |
| 200/500              | 0607  | 0602  | 0608  | 0601  | 0607  | 0603  |
| 500/1000             | 0519  | 0525  | 0522  | 0527  | 0524  | 0527  |

