

## BODENWETTERMELDUNGEN

Jahrgang 17

DIENSTAG den 15. September 1992

Nummer 200

| Station              | Hoehe    | 00 Uhr UTC |       |       |       |       |       |       |       |       |       | 18-24 |       |
|----------------------|----------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |          | i11        | i1hVV | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRt | 7wwWW | 8NCCC | ff-ff | xx-xx |
|                      | Rx       | Rx         | n     | nddd  | nddd  |       |       | R     | R     | hLMH  | xx    | gg    |       |
| Helgoland            | 4 015    | 11483      | 22820 | 10150 | 20097 | 40139 | 52017 | 69901 | 70281 | 82800 | 26    | 33    |       |
| List/Sylt            | 26 020   | 11582      | 22815 | 10133 | 20087 | 40124 | 52015 | 69911 | 70281 | 82832 |       | 26    |       |
| Leck                 | 7 022    | 41775      | 22306 | 10101 | 20086 | 40125 | 52007 |       | 70116 | 81530 |       |       |       |
| Husum                | 28 026   | 41560      | 72203 | 10121 | 20116 | 40132 | 52008 |       | 70282 | 878// |       |       |       |
| Flensburg/Meierwik   | 27 033   | 41775      | 22412 | 10115 | 20099 | 40125 | 52009 |       | 70161 | 82500 |       |       |       |
| Schleswig            | 43 035   | 41782      | 62305 | 10139 | 20127 | 40133 | 52008 | 69941 | 70162 | 86500 |       |       |       |
| Hohn                 | 12 038   | 41462      | 72205 | 10118 | 20099 | 40134 | 52008 |       | 72582 | 878// |       |       |       |
| Kiel-Holtenau        | 31 046   | 11760      | 72310 | 10113 | 20101 | 40134 | 50005 | 69971 | 76062 | 875// |       |       |       |
| Puttgarden           | 1 063    | 36/60      | 2415  | 10124 | 20108 | 40128 | 52009 |       |       |       |       |       |       |
| Arkona               | 42 091   | 32585      | 12723 | 10125 | 20071 | 40123 | 51015 |       |       | 81200 | 31    | 38    |       |
| Norderney            | 11 113   | 11565      | 72914 | 10146 | 20102 | 40154 | 52017 | 60021 | 70362 | 875// |       |       |       |
| Bremerhaven          | 7 129    | 11570      | 42411 | 10126 | 20105 | 40154 | 52014 | 69901 | 70361 | 84800 |       |       |       |
| Cuxhaven             | 5 131    | 11468      | 32611 | 10135 | 20109 | 40147 | 52013 | 69901 | 70381 | 83200 |       |       |       |
| Hamburg, Flugh.      | 16 147   | 32975      | 72406 | 10121 | 20084 | 40149 | 52009 |       |       | 8703/ |       |       |       |
| Luebeck-Blankensee   | 14 155   |            |       |       |       |       |       |       |       |       |       |       |       |
| Boltenhagen          | 15 161   | 32675      | 12207 | 10114 | 20081 | 40140 | 51009 |       |       | 81500 |       |       |       |
| Schwerin             | 59 162   | 32660      | 42109 | 10101 | 20073 | 40151 | 51009 |       |       | 84500 |       |       |       |
| Rostock-Warnemünde   | 4 170    | 32980      | 22207 | 10111 | 20078 | 40138 | 51011 |       |       | 82050 | 23    | 29    |       |
| Teterow              | 46 177   | 36///      | 2410  | 10097 | 20063 | 40148 | 51012 |       |       |       |       |       |       |
| Barth                | 7 180    | 36///      | 2306  | 10105 | 20073 | 40132 | 51013 |       |       |       |       |       |       |
| Greifswald           | 2 184    | 32980      | 32409 | 10099 | 20072 | 40139 | 51016 |       |       | 83070 |       |       |       |
| Ueckermünde          | 1 193    | 36/59      | 2407  | 10093 | 20056 | 40144 | 51014 |       |       |       |       |       |       |
| Emden-Hafen          | 5 203    | 36/43      | 2313  | 10127 | 20120 | 40154 | 52010 |       |       |       |       |       |       |
| Oldenburg            | 11 215   | 11758      | 12206 | 10114 | 20084 | 40159 | 52013 | 69991 | 70262 | 81500 |       |       |       |
| Ahlhorn              | 49 218   | 42670      | 82408 | 10119 | 20089 | 48*00 | 52013 |       |       | 875// |       |       |       |
| Bremen, Flugh.       | 4 224    | 11868      | 52408 | 10113 | 20094 | 40164 | 52012 | 69991 | 70262 | 85500 |       |       |       |
| Soltau               | 77 235   |            |       |       |       |       |       |       |       |       |       |       |       |
| Boizenburg           | 45 249   | 36///      | 2309  | 10115 | 20057 | 40164 | 51009 |       |       |       |       |       |       |
| Luechow              | 17 253   | 32762      | 72304 | 10109 | 20089 | 40163 | 51013 |       |       | 875// |       |       |       |
| Seehausen            | 21 261   | 32760      | 72407 | 10113 | 20085 | 40167 | 51014 |       |       | 875// |       |       |       |
| Marnitz              | 81 264   | 36///      | 2309  | 10103 | 20079 | 40153 | 51011 |       |       |       |       |       |       |
| Neuruppin            | 38 270   | 32965      | 12404 | 10099 | 20079 | 40164 | 51016 |       |       | 81030 |       |       |       |
| Neubrandenburg       | 81 280   | 32980      | 62310 | 10097 | 20064 | 40149 | 51014 |       |       |       |       |       |       |
| Angermünde           | 56 291   | 32975      | 72509 | 10109 | 20099 | 40157 | 51018 |       |       | 8703/ |       |       |       |
| Lingen               | 22 305   | 36/60      | 2105  | 10124 | 20102 | 40162 | 52011 |       |       |       |       |       |       |
| Muenster/Osnabrueck  | 48 315   | 11770      | 71904 | 10110 | 20092 | 40178 | 52012 | 69901 | 70262 | 8353/ |       |       |       |
| Osnabrueck           | 95 317   | 43///      |       |       |       |       |       |       |       |       |       |       |       |
| Guetersloh           | 72 320   | 11660      | 71903 | 10109 | 20099 | 40186 | 51010 | 69901 | 72111 | 8253/ |       |       |       |
| Bad Salzuflen        | 135 325  |            |       |       |       |       |       |       |       |       |       |       |       |
| Hannover, Flugh.     | 56 338   | 11762      | 72407 | 10119 | 20095 | 40168 | 52012 | 69911 | 72111 | 875// |       |       |       |
| Braunschweig         | 81 348   | 32760      | 72207 | 10109 | 20091 | 40175 | 52015 |       |       | 875// |       |       |       |
| Gardelegen           | 47 359   | 36///      | 2306  | 10100 | 20057 | 40175 | 51013 |       |       |       |       |       |       |
| Magdeburg            | 79 361   | 31857      | 72406 | 10101 | 20082 | 40176 | 51015 |       |       | 71011 | 875// |       |       |
| Potsdam              | 81 379   | 11858      | 72508 | 10103 | 20100 | 40178 | 51020 | 69911 | 70362 | 875// |       |       |       |
| Berlin-Dahlem        | 51 381   | 11762      | 12604 | 10102 | 20097 | 40170 | 52010 | 69911 | 70161 | 81500 |       |       |       |
| Berlin-Tegel, Flugh. | 37 382   | 11964      | 12708 | 10099 | 20086 | 40167 | 52021 | 69911 | 70161 | 81030 |       |       |       |
| Berlin-Temp., Flugh. | 50 384   | 32964      | 62707 | 10116 | 20098 | 40167 | 52021 |       |       |       |       |       |       |
| Berlin-Schoenefeld   | 47 385   | 12762      | 22607 | 10108 | 20101 | 40172 | 51020 | 69911 | 82500 |       |       |       |       |
| Lindenberg           | 98 393   | 11630      | 72906 | 10108 | 20101 | 40165 | 51022 | 60011 | 71062 | 872// |       |       |       |
| Manschnow            | 12 396   | 36///      | 2604  | 10119 | 20104 | 40161 | 51021 |       |       |       |       |       |       |
| Duesseldorf, Flugh.  | 45 400   | 32470      | 62204 | 10140 | 20107 | 40189 | 52011 |       |       | 84531 |       |       |       |
| Bocholt              | 21 406   | 43///      |       |       |       |       |       |       |       |       |       |       |       |
| Essen                | 152 410  | 11360      | 72505 | 10131 | 20110 | 40190 | 52011 | 69901 | 70262 | 875// |       |       |       |
| Kahler Asten *       | 839 427  | 31705      | 92411 | 10073 | 20073 | 48503 | 51012 |       |       | 74144 |       |       |       |
| Bad Lippsprunge      | 157 430  | 43///      |       |       |       |       |       |       |       |       |       |       |       |
| Kassel               | 231 438  | 31950      | 51703 | 10083 | 20069 | 40197 | 52011 |       |       | 71011 | 85030 |       |       |
| Goettingen           | 175 444  |            |       |       |       |       |       |       |       |       |       |       |       |
| Leinefelde           | 356 449  | 31945      | 20000 | 10084 | 20075 | 40196 | 51013 |       |       | 71011 | 82030 |       |       |
| Braunlage            | 607 452  | 16/29      | 2606  | 10076 | 20063 | 40188 | 52014 | 69921 |       |       |       |       |       |
| Brocken *            | 1142 453 | 11/00      | 92626 | 10044 | 20044 | 48494 | 51013 | 69931 | 74564 |       | 27    | 36    |       |
| Artern               | 164 460  | 31550      | 72204 | 10091 | 20081 | 40192 | 51017 |       |       | 71011 | 875// |       |       |
| Leipzig-Schkeuditz   | 131 469  | 11962      | 62510 | 10102 | 20082 | 40189 | 51021 | 69911 | 70362 | 86030 |       |       |       |
| Wittenberg           | 105 474  | 11945      | 12703 | 10091 | 20083 | 40183 | 51020 | 69911 | 71061 | 81030 |       |       |       |
| Oschatz              | 150 480  | 11956      | 22508 | 10112 | 20101 | 40184 | 51022 | 60011 | 71081 | 82040 |       |       |       |
| Dresden-Klotzsche    | 222 488  | 11764      | 72704 | 10104 | 20097 | 40184 | 51028 | 69971 | 70262 | 8153/ |       |       |       |
| Dobebus-Kirchhain    | 97 490   | 16///      | 2709  | 10104 | 20097 | 40181 | 51024 | 60031 |       |       |       |       |       |
| Cottbus              | 69 496   | 11758      | 62707 | 10113 | 20100 | 40181 | 51025 | 60011 | 71061 | 86500 |       |       |       |
| Görlitz              | 237 499  | 11447      | 72913 | 10115 | 20105 | 40174 | 53024 | 60021 | 72162 | 876// |       |       |       |
| Aachen               | 202 501  | 11365      | 82305 | 10133 | 20124 | 40187 | 51007 | 69961 | 76122 | 885// |       |       |       |
| Noervenich           | 118 502  | 42575      | 72304 | 10131 | 20113 | 40192 | 51005 |       |       | 875// |       |       |       |
| Nuerburg             | 627 510  | 32260      | 82311 | 10106 | 20102 | 40200 | 52008 |       |       | 886// |       |       |       |
| Koeln/Bonn, Flugh.   | 91 513   | 32480      | 61404 | 10124 | 20112 | 40198 | 52012 |       |       | 865// |       |       |       |
| Bendorf              | 127 515  | 36/60      | 1702  | 10130 | 20097 | 40204 | 52007 |       |       |       |       |       |       |
| Bad Marienberg       | 547 526  |            |       |       |       |       |       |       |       |       |       |       |       |
| Giessen              | 186 532  | 32959      | 51501 | 10092 | 20086 | 40205 | 51010 |       |       | 83031 |       |       |       |
| Bad Hersfeld         | 212 542  |            |       |       |       |       |       |       |       |       |       |       |       |
| Wasserkuppe          | 921 544  | 31001      | 72508 | 10071 | 20071 | 48512 | 51013 |       |       | 74444 | 876// |       |       |
| Meiningen *          | 450 548  | 32963      | 62805 | 10088 | 20063 | 40207 | 51012 |       |       |       |       |       |       |
| Schmücke             | 937 554  |            |       |       |       |       |       |       |       |       |       |       |       |
| Erfurt-Bindersleben  | 312 554  | 32968      | 62102 | 10079 | 20068 | 40202 | 51017 |       |       |       |       |       |       |
| Neuhaus a.R.         | 845 557  | 11250      | 42905 | 10056 | 20049 | 48506 | 51018 | 69941 | 71064 | 81601 |       |       |       |
| Gera-Leumnitz        | 311 567  | 11961      | 62509 | 10092 | 20082 | 40200 | 51022 | 69941 | 70161 |       |       |       |       |
| Chemnitz             | 418 577  | 11558      | 72711 | 10098 | 20091 | 40194 | 51021 | 60021 | 70362 | 875// |       |       |       |
| Fichtelberg *        | 1213 578 | 11/00      | 92820 | 10042 | 20038 | 48498 | 52021 | 60031 | 74564 |       | 30    | 40    |       |
| Zinnwald-Georg.      | 877 582  | 16///      | 3112  | 10066 |       |       |       |       |       |       |       |       |       |
| Trier-Petrisberg     | 265 609  | 11965      | 82107 | 10132 | 20120 | 40208 | 51009 | 69901 | 70262 | 8807/ |       |       |       |
| Deuselbach           | 480 615  |            |       |       |       |       |       |       |       |       |       |       |       |
| Pferdsfeld           | 396 626  | 42759      | 72504 | 10110 | 20102 | 40213 | 52007 |       |       | 875// |       |       |       |
| Kl.Feldberg/Ts.      | 805 635  |            |       |       |       |       |       |       |       |       |       |       |       |
| Frankfurt/M., Flugh. | 111 637  | 32670      | 71505 | 10120 | 20118 | 40208 | 51015 |       |       | 86530 |       |       |       |
| Michelstadt/Vielbrun | 453 648  |            |       |       |       |       |       |       |       |       |       |       |       |
| Wuerzburg            | 268 655  | 11962      | 22003 | 10103 | 20098 | 40213 | 52016 | 69931 | 70181 | 81031 |       |       |       |
| Bad Kissingen        | 262 658  |            |       |       |       |       |       |       |       |       |       |       |       |
| Coburg               | 322 671  | 16/30      | 0902  | 10000 | 20000 | 40228 | 52017 | 69971 |       |       |       |       |       |
| Bamberg              | 239 675  |            |       |       |       |       |       |       |       |       |       |       |       |
| Hof                  | 567 685  | 11958      | 62706 | 10080 | 20074 | 40210 | 52021 | 60021 | 70161 |       |       |       |       |
| Weiden               | 438 688  | 11570      | 32602 | 10095 | 20089 | 40217 | 52026 | 60011 | 70261 | 83500 |       |       |       |
| Berus                | 363 704  |            |       |       |       |       |       |       |       |       |       |       |       |
| Tholey               | 396 706  |            |       |       |       |       |       |       |       |       |       |       |       |
| Saarbruecken, Flugh. | 322 708  | 32358      | 72106 | 10124 | 20109 | 40221 | 51007 |       |       | 8463/ |       |       |       |
| Weinbiet             | 553 724  |            |       |       |       |       |       |       |       |       |       |       |       |
| Karlsruhe            | 112 727  |            |       |       |       |       |       |       |       |       |       |       |       |
| Mannheim             | 96 729   | 32562      | 71802 | 10128 | 20118 | 40214 | 51016 |       |       | 85532 |       |       |       |
| Stuttgart, Flugh.    | 396 738  | 11359      | 82202 | 10126 | 20116 | 40220 | 52011 | 60041 | 76186 | 875// |       |       |       |
| Stuttgart/Schnarrenb | 314 739  | 11675      | 80000 | 10129 | 20108 | 40221 | 51012 | 69951 | 76086 | 885// |       |       |       |
| Oehringen            | 276 742  | 16/60      | 2504  | 10123 | 20120 | 40222 | 52011 | 69921 |       |       |       |       |       |
| Weissenburg          | 422 761  |            |       |       |       |       |       |       |       |       |       |       |       |
| Nuernberg            | 319 763  | 31962      | 32501 | 10103 | 20091 | 40220 | 52020 |       |       | 71111 | 81031 |       |       |
| Regensburg           | 366 776  | 11970      | 72904 | 10108 | 20093 | 40214 | 52021 | 60021 | 70162 | 80001 |       |       |       |
| Gr. Arber            | 1437 791 |            |       |       |       |       |       |       |       |       |       |       |       |
| Freiburg             | 269 803  | 32581      | 72304 | 10155 | 20121 | 40232 | 52015 |       |       | 878// |       |       |       |
| Freudenstadt *       | 797 815  | 16/60      | 2808  | 10103 | 20091 |       |       |       |       |       |       |       |       |

| Station              | Höhe | ihVV |       | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 03 Uhr UTC |       | 00-03 |       |
|----------------------|------|------|-------|-------|-------|-------|-------|-------|------------|-------|-------|-------|
|                      |      | iii  | Rx    |       |       |       |       |       | 7wwWW      | BNCCC | ff-ff | ff-ff |
|                      |      |      |       |       | n     | nddd  |       |       | 12         | hLMH  | xx    | gg    |
| Helgoland            | 4    | 015  | 42484 | 22716 | 10151 | 20092 | 40149 | 51010 |            |       | 82200 | 21 26 |
| List/Sylt            | 26   | 020  | 42582 | 32815 | 10135 | 20086 | 40133 | 52009 |            |       | 83202 | 25    |
| Leck                 | 7    | 022  | 42582 | 12707 | 10095 | 20072 | 40145 | 52020 |            |       | 81230 |       |
| Husum                | 28   | 026  | 42570 | 32505 | 10110 | 20086 | 40144 | 52011 |            |       | 83800 |       |
| Flensburg/Meierwik   | 27   | 033  | 42475 | 32512 | 10110 | 20091 | 40136 | 52011 |            |       | 82830 |       |
| Schleswig            | 43   | 035  | 41756 | 62406 | 10110 | 20099 | 40143 | 52010 | 71011      |       | 865// |       |
| Hohn                 | 12   | 038  | 42562 | 62302 | 10121 | 20101 | 40143 | 52009 |            |       | 86800 |       |
| Kiel-Holtenau        | 31   | 046  | 41560 | 72405 | 10117 | 20108 | 40146 | 52012 | 70362      |       | 878// |       |
| Puttgarden           | 1    | 063  | 46760 | 72514 | 10125 | 20117 | 40136 | 52008 |            |       |       |       |
| Arkona               | 42   | 091  | 41465 | 72516 | 10128 | 20089 | 40128 | 51005 | 78081      |       | 873// | 23 28 |
| Norderney            | 11   | 113  | 42565 | 62508 | 10137 | 20120 | 40157 | 51003 |            |       | 865// |       |
| Bremerhaven          | 7    | 129  | 42462 | 32311 | 10126 | 20110 | 40160 | 51006 |            |       | 83800 |       |
| Cuxhaven             | 5    | 131  | 42464 | 32410 | 10128 | 20110 | 40155 | 51008 |            |       | 83800 |       |
| Hamburg, Flugh.      | 16   | 147  | 42965 | 52406 | 10105 | 20089 | 40159 | 52010 |            |       | 85030 |       |
| Luebeck-Blankensee   | 14   | 156  |       |       |       |       |       |       |            |       |       |       |
| Boltenhagen          | 15   | 161  | 42664 | 22414 | 10118 | 20096 | 40147 | 53006 |            |       | 82500 |       |
| Schwerin             | 59   | 162  | 42960 | 02410 | 10099 | 20076 | 40159 | 53008 |            |       |       |       |
| Rostock-Warnemünde   | 4    | 170  | 42970 | 42408 | 10111 | 20079 | 40143 | 53005 |            |       | 84030 |       |
| Teterow              | 46   | 177  | 46/// | /2112 | 10098 | 20069 | 40151 | 53003 |            |       |       |       |
| Barth                | 7    | 180  | 46/// | /2208 | 10106 | 20077 | 40136 | 53004 |            |       |       |       |
| Greifswald           | 2    | 184  | 42980 | 62208 | 10101 | 20064 | 40143 | 51004 |            |       | 86050 |       |
| Ueckermünde          | 1    | 193  | 46759 | 72208 | 10097 | 20065 | 40153 | 53009 |            |       |       |       |
| Emden-Hafen          | 5    | 203  | 46727 | 72209 | 10123 | 20118 | 40159 | 52005 |            |       |       |       |
| Oldenburg            | 11   | 215  | 41750 | 22104 | 10108 | 20090 | 40164 | 51005 | 71022      |       | 82500 |       |
| Ahlhorn              | 49   | 218  | 41956 | 22307 | 10107 | 20085 | 40175 | 52008 |            |       | 71000 | 82030 |
| Bremen, Flugh.       | 4    | 224  | 41756 | 72403 | 10106 | 20105 | 40173 | 52009 |            |       | 71022 | 875// |
| Soltau               | 77   | 235  |       |       |       |       |       |       |            |       |       |       |
| Boizenburg           | 45   | 249  | 46/// | /2408 | 10103 | 20058 | 40174 | 52010 |            |       |       |       |
| Luechow              | 17   | 253  | 42758 | 42604 | 10106 | 20093 | 40170 | 52007 |            |       | 84500 |       |
| Seehausen            | 21   | 261  | 41740 | 72408 | 10112 | 20090 | 40174 | 53007 | 71022      |       | 875// |       |
| Marnitz              | 81   | 264  | 46/// | /2309 | 10102 | 20088 | 40158 | 53005 |            |       |       |       |
| Neuruppin            | 38   | 270  | 42958 | 82205 | 10109 | 20091 | 40171 | 53007 |            |       | 8707/ |       |
| Neubrandenburg       | 81   | 280  | 42970 | 22211 | 10083 | 20062 | 40155 | 52005 |            |       | 82050 |       |
| Angermünde           | 56   | 291  | 42966 | 22511 | 10101 | 20090 | 40163 | 51006 |            |       | 81031 |       |
| Lingen               | 22   | 305  | 46748 | 72105 | 10124 | 20117 | 40172 | 52004 |            |       |       |       |
| Muenster/Osnabrueck  | 48   | 315  | 42560 | 52104 | 10102 | 20093 | 40182 | 52004 |            |       | 81531 |       |
| Osnabrueck           | 95   | 317  |       |       |       |       |       |       |            |       |       |       |
| Guetersloh           | 72   | 320  |       |       |       |       |       |       |            |       |       |       |
| Bad Salzuflen        | 135  | 325  |       |       |       |       |       |       |            |       |       |       |
| Hannover, Flugh.     | 56   | 338  | 41557 | 72404 | 10114 | 20099 | 40174 | 52006 | 71082      |       | 875// |       |
| Braunschweig         | 81   | 348  | 42760 | 72205 | 10102 | 20079 | 40183 | 52007 |            |       | 875// |       |
| Gardellegen          | 47   | 359  | 46/// | /2406 | 10111 | 20078 | 40180 | 53005 |            |       |       |       |
| Magdeburg            | 79   | 361  | 41956 | 52407 | 10098 | 20079 | 40184 | 53008 | 71022      |       | 85040 |       |
| Potsdam              | 81   | 379  | 41757 | 72408 | 10100 | 20096 | 40179 | 53005 | 71022      |       | 875// |       |
| Berlin-Dahlem        | 51   | 381  | 41760 | 72505 | 10106 | 20091 | 40175 | 52005 | 70361      |       | 835// |       |
| Berlin-Tegel, Flugh. | 37   | 382  | 42663 | 72509 | 10111 | 20091 | 40172 | 51005 |            |       | 875// |       |
| Berlin-Temp., Flugh. | 50   | 384  | 42762 | 72508 | 10114 | 20094 | 40175 | 53007 |            |       | 865// |       |
| Berlin-Schönefeld    | 47   | 385  | 41760 | 72306 | 10098 | 20095 | 40179 | 51007 |            |       | 72162 | 875// |
| Lindenberg           | 98   | 393  | 41730 | 52606 | 10090 | 20082 | 40177 | 51011 | 71011      |       | 85500 |       |
| Manschnow            | 12   | 396  | 46/// | /2206 | 10093 | 20088 | 40171 | 51010 |            |       |       |       |
| Duesseldorf, Flugh.  | 45   | 400  | 42459 | 62204 | 10131 | 20108 | 40195 | 52006 |            |       | 83510 |       |
| Bocholt              | 21   | 406  |       |       |       |       |       |       |            |       | 875// |       |
| Essen                | 152  | 410  | 42256 | 72504 | 10125 | 20115 | 40197 | 52007 |            |       |       |       |
| Kahler Asten *       | 839  | 427  | 41/02 | 92611 | 10081 | 20081 | 48506 | 53002 | 74164      |       |       |       |
| Bad Lippspringe      | 157  | 430  |       |       |       |       |       |       |            |       |       |       |
| Kassel               | 231  | 438  | 41935 | 52010 | 10098 | 20085 | 40201 | 53005 | 71011      |       | 84031 |       |
| Goettingen           | 175  | 444  |       |       |       |       |       |       |            |       |       |       |
| Leinefelde           | 356  | 449  | 41935 | 02504 | 10086 | 20078 | 40199 | 53004 | 71000      |       |       |       |
| Braunlage            | 607  | 452  | 46728 | 72508 | 10076 | 20064 | 40196 | 52007 |            |       |       |       |
| Brocken *            | 1142 | 453  | 41/00 | 92626 | 10052 | 20052 | 48499 | 53006 | 74544      |       | 26 35 |       |
| Artern               | 164  | 460  | 41940 | 02205 | 10089 | 20080 | 40199 | 53006 | 71011      |       |       |       |
| Leipzig-Schkeuditz   | 131  | 469  | 42962 | 72310 | 10102 | 20079 | 40195 | 53006 |            |       | 8703/ |       |
| Wittenberg           | 105  | 474  | 41950 | 72306 | 10100 | 20088 | 40190 | 53007 | 71011      |       | 8703/ |       |
| Oschatz              | 150  | 480  | 41945 | 72207 | 10096 | 20085 | 40195 | 51009 | 71011      |       | 8707/ |       |
| Dresden-Klotzsche    | 222  | 488  | 42960 | 52306 | 10103 | 20095 | 40197 | 51013 |            |       | 85030 |       |
| Doberlug-Kirchhain   | 97   | 490  | 46/// | /2308 | 10101 | 20093 | 40192 | 51010 |            |       |       |       |
| Cottbus              | 69   | 496  | 41760 | 52305 | 10097 | 20083 | 40194 | 51013 | 71011      |       | 85500 |       |
| Görlitz              | 237  | 499  | 41438 | 42908 | 10101 | 20088 | 40197 | 51020 | 71011      |       | 84600 |       |
| Aachen               | 202  | 501  | 41230 | 72705 | 10130 | 20123 | 40198 | 52011 |            |       | 72162 | 875// |
| Noervenich           | 118  | 502  | 41458 | 82104 | 10131 | 20124 | 40202 | 52010 |            |       | 75862 | 875// |
| Nuerburg             | 627  | 510  | 41/02 | 92308 | 10110 | 20110 | 40206 | 52007 |            |       | 75342 |       |
| Koeln/Bonn, Flugh.   | 91   | 513  | 41140 | 81903 | 10130 | 20125 | 40203 | 53005 |            |       | 75862 | 886// |
| Bendorf              | 127  | 515  | 46760 | 71803 | 10134 | 20107 | 40207 | 52003 |            |       |       |       |
| Bad Marienberg       | 547  | 526  |       |       |       |       |       |       |            |       |       |       |
| Giessen              | 186  | 532  | 42959 | 71202 | 10100 | 20094 | 40211 | 53006 |            |       | 8703/ |       |
| Bad Hersfeld         | 212  | 542  |       |       |       |       |       |       |            |       |       |       |
| Wasserkuppe *        | 921  | 544  | 41/01 | 92209 | 10077 | 20077 | 48520 | 52007 | 74744      |       |       |       |
| Meiningen            | 450  | 548  | 41315 | 81907 | 10074 | 20064 | 40217 | 51007 | 71022      |       | 886// |       |
| Schmücke             | 937  | 552  |       |       |       |       |       |       |            |       |       |       |
| Erfurt-Bindersleben  | 312  | 554  | 42760 | 52103 | 10074 | 20066 | 40207 | 53004 |            |       | 81570 |       |
| Neuhaus a.R. *       | 845  | 557  | 41/01 | 92204 | 10066 | 20062 | 48515 | 53007 | 74740      |       |       |       |
| Gera-Leumnitz        | 311  | 567  | 42960 | 02008 | 10071 | 20064 | 40211 | 53007 |            |       |       |       |
| Chemnitz             | 418  | 577  | 42960 | 32310 | 10080 | 20069 | 40208 | 51010 |            |       | 83030 |       |
| Richtelberg *        | 1213 | 578  | 41/00 | 92719 | 10034 | 20031 | 48505 | 51009 | 74544      |       | 22 29 |       |
| Zinnwald-Georg. *    | 877  | 582  | 46/// | /2910 | 10059 | 2//// | 4//// | 51010 |            |       |       |       |
| Trier-Petrisberg     | 265  | 609  | 41960 | 82206 | 10129 | 20122 | 40212 | 53004 |            |       | 76062 | 8807/ |
| Deuselbach           | 480  | 615  |       |       |       |       |       |       |            |       |       |       |
| Pferdsfeld           | 396  | 626  | 41325 | 82506 | 10119 | 20109 | 40215 | 52005 |            |       | 75822 | 886// |
| Kl.Feldberg/Ts. *    | 805  | 635  |       |       |       |       |       |       |            |       |       |       |
| Frankfurt/M.,Flugh.  | 111  | 637  | 42462 | 71707 | 10117 | 20113 | 40211 | 52003 |            |       | 875// |       |
| Michelstadt/Vielbrun | 453  | 648  |       |       |       |       |       |       |            |       |       |       |
| Wuerzburg            | 268  | 655  | 41250 | 81903 | 10109 | 20104 | 40217 | 53005 | 71011      |       | 875// |       |
| Bad Kissingen        | 262  | 658  |       |       |       |       |       |       |            |       |       |       |
| Coburg               | 322  | 671  | 46718 | 70301 | 10000 | 20000 | 40239 | 52010 |            |       |       |       |
| Bamberg              | 239  | 675  |       |       |       |       |       |       |            |       |       |       |
| Hof                  | 567  | 685  | 41945 | 02004 | 10062 | 20058 | 40226 | 52011 | 71000      |       |       |       |
| Weiden               | 438  | 688  | 41558 | 71904 | 10076 | 20076 | 40232 | 52010 |            |       | 72162 | 875// |
| Beruf                | 363  | 704  |       |       |       |       |       |       |            |       |       |       |
| Tholey               | 396  | 706  |       |       |       |       |       |       |            |       |       |       |
| Saarbruecken, Flugh. | 322  | 708  | 41350 | 72009 | 10128 | 20114 | 40226 | 53006 | 71022      |       | 875// |       |
| Weinbiet             | 553  | 724  |       |       |       |       |       |       |            |       |       |       |
| Karlsruhe            | 112  | 727  |       |       |       |       |       |       |            |       |       |       |
| Mannheim             | 96   | 729  | 42560 | 71806 | 10139 | 20125 | 40218 | 53004 |            |       | 8653/ |       |
| Stuttgart, Flugh.    | 396  | 738  | 41365 | 72101 | 10122 | 20111 | 40226 | 53005 | 70262      |       | 875// |       |
| Stuttgart/Schnarrenb | 314  | 739  | 41780 | 71802 | 10130 | 20112 | 40223 | 52001 | 70262      |       | 875// |       |
| Oehringen            | 276  | 742  | 46760 | 72405 | 10124 | 20120 | 40228 | 52006 |            |       |       |       |
| Weissenburg          | 422  | 761  |       |       |       |       |       |       |            |       |       |       |
| Nuernberg            | 319  | 763  | 41906 | 30902 | 10094 | 20086 | 40227 | 51006 | 74111      |       | 83030 |       |
| Regensburg           | 366  | 776  | 42970 | 60000 | 10090 | 20084 | 40231 | 52013 |            |       | 86050 |       |
| Gr. Arber *          | 1437 | 791  |       |       |       |       |       |       |            |       |       |       |
| Freiburg             | 269  | 803  | 42681 | 72403 | 10154 | 20134 | 40232 | 57001 |            |       | 875// |       |
| Freudenstadt *       | 797  | 815  | 46760 | 72607 | 10101 | 20087 | 48544 | 52005 |            |       |       |       |
| Klippenack *         | 973  | 818  |       |       |       |       |       |       |            |       |       |       |
| Stoetten             | 734  | 836  | 41/01 | 92704 | 10102 | 20102 | 40225 | 52007 | 76142      |       |       |       |
| Ulm                  | 567  | 838  | 46760 | 72503 | 10118 | 20108 | 40230 | 52007 |            |       |       |       |
| Augsburg             | 461  | 852  | 42970 | 70000 | 10112 | 20097 | 40233 | 51006 |            |       | 72122 | 8707/ |
| Neuberg/Donau        |      |      |       |       |       |       |       |       |            |       |       |       |

| Station              | Hoehe | iii | ihVV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRt | 7wwWW | 8NCCC | ff-ff | 1sTTT | 2sTTT | 3EstT | 4Lsss | 55SSS | 7RRRR |       |
|----------------------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      | n     | Rx  |       | n     | n     | nddd  |       |       | R     | 12    | hLMH  | xx    | gg    | nxxx  | nnnn  | ngg   |       | 2222  |       |
| Helgoland            | 4     | 015 | 12484 | 62615 | 10153 | 20102 | 40154 | 51005 | 69902 |       | 86801 | 21    | 26    | 10153 | 20144 | 31013 |       | 55061 | 79999 |
| List/Sylt            | 26    | 020 | 11582 | 42712 | 10136 | 20095 | 40140 | 52007 | 69922 | 70380 | 83801 | 25    | 26    | 10140 | 20125 | 31011 |       | 55050 | 70031 |
| Leck                 | 7     | 022 | 43777 |       |       |       |       |       |       |       |       |       |       |       | 20069 | 31005 |       | 55037 | 70109 |
| Husum                | 28    | 026 | 43777 |       |       |       |       |       |       |       |       |       |       |       | 20097 | 31008 |       | 55048 | 70016 |
| Flensburg/Meierwik   | 27    | 033 | 43777 |       |       |       |       |       |       |       |       |       |       |       | 20107 | 31009 |       | 55777 | 70047 |
| Schleswig            | 43    | 035 | 12562 | 22406 | 10101 | 20089 | 40153 | 52010 | 69942 |       | 81201 |       |       | 10124 | 20101 | 31009 |       | 55063 | 70004 |
| Hohn                 | 12    | 038 | 43777 |       |       |       |       |       |       |       |       |       |       |       | 20107 | 31007 |       | 55045 | 70051 |
| Kiel-Holtenau        | 31    | 046 | 11662 | 12205 | 10108 | 20094 | 40154 | 52008 | 60012 | 70261 | 81500 |       |       | 10122 | 20097 | 31007 |       | 55050 | 70031 |
| Puttgarden           | 1     | 063 | 36760 | 12311 | 10121 | 20118 | 40149 | 52013 |       |       |       |       |       | 10134 | 20112 | 37009 |       | 55050 | 79999 |
| Arkona               | 42    | 091 | 11475 | 42720 | 10127 | 20092 | 40136 | 53008 | 69902 | 70181 | 84230 | 23    | 28    | 10137 | 20119 | 31011 |       | 55029 | 70015 |
| Norderney            | 11    | 113 | 12465 | 42409 | 10134 | 20117 | 40164 | 53007 | 60022 |       | 83101 |       |       | 10149 | 20130 | 31012 |       | 55077 | 70011 |
| Bremerhaven          | 7     | 129 | 11357 | 72312 | 10125 | 20107 | 40165 | 53005 | 69902 | 71011 | 87677 |       |       | 10141 | 20121 | 31011 |       | 55061 | 79999 |
| Cuxhaven             | 5     | 131 | 11330 | 72309 | 10124 | 20114 | 40162 | 53007 | 69902 | 71011 | 87677 |       |       | 10139 | 20124 | 31010 |       | 55063 | 70002 |
| Hamburg, Flugh.      | 16    | 147 | 31950 | 62305 | 10110 | 20099 | 40167 | 52008 |       | 71011 | 86300 |       |       | 10142 | 20096 | 31008 |       | 55071 | 79999 |
| Luebeck-Blankensee   | 14    | 156 | 31520 | 32202 | 10093 | 20087 | 40165 | 52011 |       | 71011 | 83800 |       |       | 10131 | 20093 | 30005 |       | 55057 | 70000 |
| Boltenhagen          | 15    | 161 | 31650 | 22411 | 10113 | 20101 | 40160 | 53013 |       | 71011 | 82500 |       |       | 10130 | 20098 | 30008 |       | 55050 | 70000 |
| Schwerin             | 59    | 162 | 31635 | 42308 | 10094 | 20082 | 40170 | 52011 |       | 71000 | 86500 |       |       | 10133 | 20089 | 30008 |       | 55069 | 79999 |
| Rostock-Warnemünde   | 4     | 170 | 32468 | 62307 | 10120 | 20097 | 40156 | 53013 |       |       |       |       |       | 10141 | 20107 | 31011 |       | 55061 | 70011 |
| Teterow              | 46    | 177 | 31550 | 42508 | 10100 | 20081 | 40164 | 53013 |       | 71011 | 84500 |       |       | 10138 | 20093 | 31008 |       | 55049 | 70001 |
| Barth                | 7     | 180 | 31450 | 22405 | 10113 | 20091 | 40145 | 53009 |       | 71011 | 82230 |       |       | 10139 | 20103 | 31009 |       | 55038 | 70020 |
| Greifswald           | 2     | 184 | 32850 | 62409 | 10106 | 20070 | 40151 | 53008 |       |       | 86500 |       |       | 10140 | 20098 | 31008 |       | 55033 | 70001 |
| Ueckermünde          | 1     | 193 | 32963 | 62310 | 10099 | 20073 | 40157 | 53004 |       |       | 86050 |       |       | 10136 | 20091 | 31008 |       | 55033 | 70000 |
| Emden-Hafen          | 5     | 203 | 11528 | 22212 | 10120 | 20119 | 40168 | 52009 | 69982 | 71061 | 82500 |       |       | 10144 | 20119 | 31011 |       | 55063 | 70008 |
| Oldenburg            | 11    | 215 | 31235 | 72506 | 10125 | 20107 | 40174 | 52010 |       | 71011 | 87677 |       |       | 10143 | 20107 | 31009 |       | 55057 | 79999 |
| Ahlhorn              | 49    | 218 | 43777 |       |       |       |       |       |       |       |       |       |       |       | 20107 | 30008 |       | 55056 | 79999 |
| Bremen, Flugh.       | 4     | 224 | 11345 | 82307 | 10118 | 20109 | 40177 | 53004 | 69902 | 71011 | 87677 |       |       | 10131 | 20094 | 31007 |       | 55063 | 79999 |
| SoLtau               | 77    | 234 | 11540 | 72206 | 10109 | 20096 | 40180 | 52008 |       | 71011 | 87577 |       |       | 10128 | 20102 | 31008 |       | 55061 | 70000 |
| Boizenburg           | 45    | 249 | 31950 | 72307 | 10105 | 20071 | 40183 | 53009 |       | 71011 | 87077 |       |       | 10129 | 20099 | 31010 |       | 55051 | 70022 |
| Luechow              | 17    | 253 | 31750 | 72403 | 10102 | 20093 | 40181 | 52011 |       | 71011 | 87577 |       |       | 10145 | 20095 | 30006 |       | 55051 | 70000 |
| Seehausen            | 21    | 261 | 31650 | 72409 | 10111 | 20093 | 40183 | 53009 |       | 71011 | 85547 |       |       | 10144 | 20103 | 30009 |       | 55008 | 70000 |
| Marnitz              | 81    | 264 | 31556 | 62309 | 10097 | 20095 | 40170 | 53012 |       | 71011 | 86500 |       |       | 10132 | 20093 | 31006 |       | 55777 | 79999 |
| Neuruppin            | 38    | 270 | 31930 | 02404 | 10093 | 20085 | 40179 | 53008 |       | 71011 |       |       |       | 10135 | 20090 | 30006 |       | 55010 | 79999 |
| Neubrandenburg       | 81    | 280 | 31542 | 22411 | 10099 | 20082 | 40164 | 53010 |       | 71011 | 81230 |       |       | 10130 | 20082 | 30007 |       | 55042 | 70001 |
| Angermünde           | 56    | 291 | 32559 | 52512 | 10109 | 20099 | 40169 | 53006 |       |       | 85200 |       |       | 10141 | 20093 | 31007 |       | 55014 | 70002 |
| Lingen               | 22    | 305 | 31328 | 82205 | 10126 | 20123 | 40179 | 52007 |       | 71011 | 87677 |       |       | 10144 | 20118 | 31010 |       | 55035 | 70000 |
| Muenster/Osnabrueck  | 48    | 315 | 11220 | 62205 | 10120 | 20117 | 40191 | 52009 | 69902 | 71022 | 86677 |       |       | 10124 | 20101 | 31008 |       | 55016 | 70002 |
| Osnabrueck           | 95    | 317 | 11240 | 62307 | 10122 | 20114 | 40202 | 52011 |       | 71011 | 87677 |       |       | 10127 | 20112 | 31010 |       | 55014 | 70005 |
| Guetersloh           | 72    | 320 | 11340 | 72305 | 10122 | 20114 | 40202 | 52011 | 69902 | 71122 | 87677 |       |       |       | 20103 | 31006 |       |       |       |
| Bad Salzuflen        | 135   | 325 | 31330 | 82205 | 10119 | 20115 | 40195 | 52007 |       | 71011 | 87677 |       |       | 10119 | 20097 | 31008 |       | 55000 | 70016 |
| Hannover, Flugh.     | 56    | 338 | 11457 | 72305 | 10116 | 20106 | 40182 | 52008 | 69922 | 71081 | 87577 |       |       | 10128 | 20110 | 31009 |       | 55003 | 70004 |
| Braunschweig         | 81    | 348 | 31556 | 72307 | 10102 | 20087 | 40190 | 53007 |       | 71011 | 87577 |       |       | 10125 | 20099 | 31008 |       | 55001 | 70030 |
| Gardelegen           | 47    | 359 | 31940 | 52407 | 10105 | 20063 | 40189 | 51009 |       | 71011 | 85030 |       |       | 10130 | 20092 | 31007 |       | 55004 | 70005 |
| Magdeburg            | 79    | 361 | 31940 | 02104 | 10096 | 20076 | 40192 | 53008 |       | 71011 |       |       |       | 10125 | 20092 | 31008 |       | 55004 | 70013 |
| Potsdam              | 81    | 379 | 11756 | 32412 | 10103 | 20092 | 40187 | 53008 | 69912 | 71011 | 81530 |       |       | 10124 | 20098 | 31009 |       | 55006 | 70024 |
| Berlin-Dahlem        | 51    | 381 | 11557 | 32405 | 10109 | 20092 | 40186 | 52011 | 69912 | 71061 | 83500 |       |       | 10128 | 20100 | 31009 |       | 55003 | 70007 |
| Berlin-Tegel, Flugh. | 37    | 382 | 12458 | 42507 | 10112 | 20090 | 40182 | 52010 | 69912 |       | 84530 |       |       | 10129 | 20099 | 30008 |       | 55001 | 70018 |
| Berlin-Temp., Flugh. | 50    | 384 | 31457 | 52407 | 10112 | 20092 | 40185 | 52010 |       | 71011 | 85500 |       |       | 10132 | 20108 | 31009 |       | 55005 | 70003 |
| Berlin-Schoenefeld   | 47    | 385 | 11550 | 72309 | 10104 | 20097 | 40188 | 52008 | 69912 | 71061 | 87577 |       |       | 10129 | 20094 | 31008 |       | 55005 | 70009 |
| Lindenberg           | 98    | 393 | 11720 | 52506 | 10093 | 20082 | 40180 | 52009 | 60012 | 71011 | 85000 |       |       | 10131 | 20089 | 31007 |       | 55013 | 70023 |
| Manschnow            | 12    | 396 | 31350 | 62409 | 10105 | 20098 | 40180 | 52009 |       | 71022 | 86500 |       |       | 10145 | 20098 | 31008 |       | 55004 | 79999 |
| Duesseldorf, Flugh.  | 45    | 400 | 31356 | 72204 | 10138 | 20116 | 40204 | 52009 |       | 71022 | 87577 |       |       | 10148 | 20131 | 31011 |       | 55008 | 70005 |
| Bocholt              | 21    | 406 | 31213 | 82506 | 10126 | 20117 | 40191 | 51001 |       | 71022 | 88677 |       |       | 10150 | 20117 | 31009 |       | 55041 | 70003 |
| Essen                | 152   | 410 | 11450 | 82605 | 10126 | 20119 | 40204 | 52005 | 69902 | 71022 | 87577 |       |       | 10134 | 20121 | 31010 |       | 55025 | 70018 |
| Kahler Asten *       | 839   | 427 | 11700 | 92411 | 10086 | 20086 | 48515 | 52009 | 69902 | 74764 |       |       |       | 10086 | 20066 | 31006 |       | 55000 | 70094 |
| Bad Lipsprunge       | 157   | 430 | 11550 | 82205 | 10124 | 20109 | 40199 | 52012 | 69912 | 71011 | 88577 |       |       | 10125 | 20097 | 31008 |       | 55000 | 70035 |
| Kassel               | 231   | 438 | 31230 | 42006 | 10101 | 20094 | 40206 | 53005 |       | 71011 | 83630 |       |       | 10108 | 20079 | 31007 |       | 55001 | 70037 |
| Goettingen           | 175   | 444 | 11560 | 41503 | 10104 | 20093 | 40204 | 52005 | 69902 | 70161 | 83501 |       |       | 10118 | 20088 | 31007 |       | 55000 | 70045 |
| Leinefelde           | 356   | 449 | 31447 | 72302 | 10098 | 20091 | 40205 | 53008 |       | 71011 | 87577 |       |       | 10103 | 20080 | 31005 |       | 55000 | 70030 |
| Braunlage            | 607   | 452 | 11707 | 92205 | 10081 | 20072 | 40201 | 53006 | 69922 | 74747 |       |       |       | 10086 | 20074 | 31007 |       | 55000 | 70124 |
| Brocken *            | 1142  | 453 | 11700 | 92522 | 10054 | 20054 | 48505 | 53006 | 60012 | 74554 |       | 26    | 35    | 10058 | 20042 | 32005 |       | 55000 | 70109 |
| Artern               | 164   | 460 | 31360 | 82205 | 10092 | 20085 | 40206 | 52007 |       | 71011 | 88577 |       |       | 10122 | 20081 | 31007 |       | 55000 | 70023 |
| Leipzig-Schkeuditz   | 131   | 469 | 11645 | 72205 | 10099 | 20075 | 40202 | 51007 | 69912 | 71    |       |       |       |       |       |       |       |       |       |



| Station              | Hoehe | 12 Uhr UTC |       |       |       |       |       |       |       |       |       | 06-12 |    |
|----------------------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
|                      |       | iii        | ihVV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRt | 7wwWW | 8NCCC | ff-ff |    |
|                      | Rx    |            |       | n     | nddd  |       |       | R     | 12    | hLMH  | xx    | gg    |    |
| Helgoland            | 4     | 015        | 11480 | 72324 | 10159 | 20112 | 40160 | 55002 | 69901 | 76011 | 878// | 24    | 30 |
| List/Sylt            | 26    | 020        | 11582 | 72221 | 10152 | 20106 | 40138 | 57006 | 69901 | 70281 | 8683/ | 21    | 31 |
| Leck                 | 7     | 022        |       |       |       |       |       |       |       |       |       |       |    |
| Husum                | 28    | 026        |       |       |       |       |       |       |       |       |       |       |    |
| Flensburg/Meierwik   | 27    | 033        |       |       |       |       |       |       |       |       |       |       |    |
| Schleswig            | 43    | 035        | 11575 | 72412 | 10161 | 20119 | 40155 | 58003 | 69901 | 70381 | 878// |       |    |
| Hohn                 | 12    | 038        |       |       |       |       |       |       |       |       |       |       |    |
| Kiel-Holtenau        | 31    | 046        | 32580 | 62411 | 10180 | 20102 | 40160 | 58003 |       |       | 84830 |       |    |
| Puttgarden           | 1     | 063        | 36760 | 72416 | 10159 | 20100 | 40160 | 52002 |       |       |       |       | 26 |
| Arkona               | 42    | 091        | 32583 | 62421 | 10154 | 20088 | 40160 | 51010 |       |       | 82200 | 25    | 31 |
| Norderney            | 11    | 113        | 11475 | 62412 | 10162 | 20106 | 40170 | 55001 | 69901 | 72582 | 81132 |       |    |
| Bremerhaven          | 7     | 129        | 32562 | 62417 | 10168 | 20107 | 40173 | 58003 |       |       | 83230 |       | 27 |
| Cuxhaven             | 5     | 131        | 32572 | 62514 | 10169 | 20097 | 40169 | 58001 |       |       | 82131 |       | 26 |
| Hamburg, Flugh.      | 16    | 147        | 32670 | 62412 | 10168 | 20086 | 40175 | 58002 |       |       | 83201 |       |    |
| Luebeck-Blankensee   | 14    | 156        | 32560 | 62406 | 10180 | 20089 | 40172 | 50000 |       |       | 86200 |       |    |
| Boltenhagen          | 15    | 161        | 32562 | 62416 | 10168 | 20103 | 40167 | 50001 |       |       | 82230 |       |    |
| Schwerin             | 59    | 162        | 32662 | 62511 | 10167 | 20097 | 40178 | 50002 |       |       | 83200 |       |    |
| Rostock-Warnemünde   | 4     | 170        | 32475 | 62612 | 10177 | 20106 | 40170 | 50001 |       |       | 82230 |       |    |
| Teterow              | 46    | 177        | 32575 | 62312 | 10173 | 20089 | 40175 | 50002 |       |       | 84200 |       |    |
| Barth                | 7     | 180        | 32564 | 62614 | 10160 | 20104 | 40164 | 50006 |       |       | 82200 |       |    |
| Greifswald           | 2     | 184        | 32684 | 62910 | 10175 | 20074 | 40170 | 51006 |       |       | 85200 |       | 25 |
| Ueckermünde          | 1     | 193        | 32575 | 62608 | 10189 | 20102 | 40207 | 53006 |       |       | 85200 |       |    |
| Emden-Hafen          | 5     | 203        | 32566 | 62321 | 10168 | 20113 | 40170 | 55008 |       |       | 84232 | 21    | 25 |
| Oldenburg            | 11    | 215        | 32560 | 62412 | 10184 | 20093 | 40173 | 58013 |       |       | 8483/ |       |    |
| Ahlhorn              | 49    | 218        |       |       |       |       |       |       |       |       |       |       |    |
| Bremen, Flugh.       | 4     | 224        | 32560 | 62512 | 10177 | 20124 | 40183 | 58005 |       |       | 82232 |       |    |
| Soltau               | 77    | 235        | 31557 | 72509 | 10165 | 20106 | 40193 | 52006 |       | 70522 | 878// |       |    |
| Boizenburg           | 45    | 249        | 32563 | 62212 | 10174 | 20083 | 40188 | 58001 |       |       | 83200 |       |    |
| Luechow              | 17    | 253        | 32562 | 62611 | 10177 | 20100 | 40190 | 50005 |       |       | 84230 |       |    |
| Seehausen            | 21    | 261        | 32662 | 62613 | 10175 | 20118 | 40191 | 50001 |       |       | 86200 |       |    |
| Marnitz              | 81    | 264        | 32568 | 62412 | 10158 | 20118 | 40179 | 50002 |       |       | 86200 |       |    |
| Neuruppin            | 38    | 270        | 31556 | 62607 | 10164 | 20110 | 40191 | 55000 |       | 70511 | 85200 |       |    |
| Neubrandenburg       | 81    | 271        | 32568 | 62413 | 10156 | 20097 | 40178 | 51003 |       |       | 86200 |       |    |
| Angermünde           | 56    | 291        | 32664 | 62509 | 10159 | 20116 | 40188 | 51005 |       |       | 873/  |       | 25 |
| Lingen               | 22    | 305        | 31457 | 72210 | 10181 | 20125 | 40183 | 58006 |       | 70522 | 865// |       |    |
| Muenster/Osnabrueck  | 48    | 315        | 32558 | 62313 | 10183 | 20117 | 40197 | 58003 |       |       | 85830 |       |    |
| Osnabrueck           | 95    | 317        | 31457 | 72309 | 10172 | 20125 | 40195 | 50000 |       | 70522 | 8783/ |       |    |
| Guetersloh           | 72    | 320        | 31559 | 72612 | 10174 | 20118 | 40208 | 58004 |       | 70522 | 875// |       |    |
| Bad Salzuflen        | 135   | 325        | 31456 | 72312 | 10157 | 20128 | 40203 | 58002 |       | 71022 | 878// |       |    |
| Hannover, Flugh.     | 56    | 338        | 32559 | 72412 | 10159 | 20120 | 40193 | 50004 |       |       | 85831 |       |    |
| Braunschweig         | 81    | 348        | 32562 | 72611 | 10162 | 20110 | 40201 | 52007 |       |       | 84232 |       |    |
| Gardelegen           | 47    | 359        | 32465 | 62613 | 10175 | 20088 | 40195 | 53003 |       |       | 85277 |       |    |
| Magdeburg            | 79    | 361        | 32575 | 72512 | 10189 | 20102 | 40207 | 53006 |       |       | 8683/ |       |    |
| Potsdam              | 81    | 379        | 32566 | 62509 | 10170 | 20109 | 40198 | 52003 |       |       | 84230 |       |    |
| Berlin-Dahlem        | 51    | 381        | 32570 | 62506 | 10172 | 20112 | 40197 | 50004 |       |       | 86800 |       |    |
| Berlin-Tegel, Flugh. | 37    | 382        | 32566 | 62613 | 10167 | 20104 | 40197 | 51005 |       |       | 85800 |       |    |
| Berlin-Temp., Flugh. | 50    | 384        | 32563 | 72612 | 10171 | 20109 | 40195 | 50002 |       |       | 878// |       |    |
| Berlin-Schoenefeld   | 47    | 385        | 32570 | 72512 | 10168 | 20123 | 40198 | 52002 |       |       | 878// |       |    |
| Lindenberg           | 98    | 393        | 32664 | 62610 | 10165 | 20100 | 40197 | 51002 |       |       | 86200 |       |    |
| Manschnow            | 12    | 396        | 32561 | 72510 | 10174 | 20105 | 40194 | 50001 |       |       | 878// |       |    |
| Duesseldorf, Flugh.  | 45    | 400        | 32565 | 62511 | 10190 | 20105 | 40214 | 53001 |       |       | 85831 |       |    |
| Bocholt              | 21    | 406        | 31557 | 72711 | 10181 | 20115 | 40202 | 54000 |       | 70522 | 878// |       |    |
| Essen                | 152   | 410        | 32570 | 62510 | 10182 | 20127 | 40208 | 58002 |       |       | 83232 |       |    |
| Kahler Asten *       | 839   | 427        | 31160 | 72418 | 10121 | 20096 | 48540 | 52006 |       | 72842 | 86501 |       | 28 |
| Bad Lippsprunge      | 157   | 430        | 32560 | 62512 | 10167 | 20114 | 40205 | 58003 |       |       | 84231 |       |    |
| Kassel               | 231   | 438        | 32572 | 72307 | 10171 | 20107 | 40211 | 51001 |       |       | 878// |       |    |
| Goettingen           | 175   | 444        | 32570 | 62405 | 10182 | 20114 | 40209 | 50000 |       |       | 85200 |       |    |
| Leinefelde           | 356   | 449        | 32575 | 72409 | 10155 | 20111 | 40209 | 50002 |       |       | 878// |       |    |
| Braunlage            | 607   | 452        | 31468 | 72309 | 10120 | 20094 | 40205 | 52003 |       | 70342 | 8583/ |       |    |
| Brocken *            | 1142  | 453        | 31000 | 92526 | 10071 | 20071 | 48521 | 52005 |       | 74544 |       | 29    | 39 |
| Artern               | 164   | 460        | 32575 | 62512 | 10171 | 20114 | 40209 | 55000 |       |       | 85200 |       |    |
| Leipzig-Schkeuditz   | 131   | 469        | 32565 | 62517 | 10174 | 20100 | 40207 | 56003 |       |       | 85200 |       | 25 |
| Wittenberg           | 105   | 474        | 32665 | 62309 | 10172 | 20114 | 40205 | 58001 |       |       | 85200 |       |    |
| Oschatz              | 150   | 480        | 32562 | 62409 | 10168 | 20117 | 40210 | 50000 |       |       | 85200 |       |    |
| Dresden-Klotzsche    | 222   | 488        | 32566 | 62610 | 10163 | 20113 | 40218 | 52006 |       |       | 86800 |       |    |
| Doberlug-Kirchhain   | 97    | 493        | 32510 | 62410 | 10165 | 20110 | 40209 | 55000 |       |       | 86200 |       |    |
| Cottbus              | 69    | 496        | 32563 | 72509 | 10171 | 20104 | 40211 | 52011 |       |       | 872/  |       |    |
| Görlitz              | 237   | 499        | 32565 | 62512 | 10174 | 20102 | 40211 | 51003 |       |       | 85200 |       |    |
| Aachen               | 202   | 501        | 32580 | 62312 | 10177 | 20108 | 40212 | 50000 |       |       | 85200 |       |    |
| Noerwenich           | 118   | 502        |       |       |       |       |       |       |       |       |       |       |    |
| Nuerburg             | 627   | 510        | 32583 | 62312 | 10146 | 20086 | 40223 | 51002 |       |       | 86200 |       |    |
| Koeln/Bonn, Flugh.   | 91    | 513        | 32684 | 62611 | 10190 | 20112 | 40219 | 58001 |       |       | 83802 |       |    |
| Bendorf              | 127   | 515        | 32580 | 72510 | 10189 | 20077 | 40220 | 58001 |       |       | 86831 |       |    |
| Bad Marienberg       | 547   | 526        | 11480 | 62508 | 10141 | 20108 | 40222 | 51003 | 69901 | 70152 | 85201 |       |    |
| Giessen              | 186   | 532        | 11478 | 62405 | 10177 | 20122 | 40223 | 50001 | 69931 | 70161 | 83800 |       |    |
| Bad Hersfeld         | 212   | 542        | 32575 | 72408 | 10168 | 20109 | 40222 | 52004 |       |       | 878// |       |    |
| Wasserkuppe *        | 921   | 544        | 11001 | 92710 | 10102 | 20102 | 48546 | 53007 | 60031 | 74564 |       |       |    |
| Meiningen *          | 450   | 548        | 11460 | 82206 | 10133 | 20112 | 40228 | 53006 | 69931 | 70254 | 886// |       |    |
| Schmücke *           | 937   | 552        | 11000 | 92410 | 10093 | 20093 | 48542 | 53005 | 60021 | 75165 |       |       |    |
| Erfurt-Bindersleben  | 312   | 554        | 32581 | 72509 | 10161 | 20120 | 40214 | 53001 |       |       | 8623/ |       |    |
| Neuhaus a.R. *       | 845   | 557        | 11005 | 82405 | 10097 | 20095 | 48543 | 53005 | 60021 | 78054 | 873/  |       |    |
| Gera-Leumnitz *      | 311   | 557        | 11680 | 62612 | 10165 | 20116 | 40215 | 55000 | 69911 | 70362 | 86200 |       |    |
| Chemnitz             | 418   | 577        | 11470 | 72518 | 10139 | 20113 | 40216 | 53001 | 69901 | 70362 | 872// |       |    |
| Fichtelberg *        | 1213  | 578        | 11000 | 92520 | 10074 | 20072 | 48537 | 51005 | 69961 | 76164 |       | 22    | 30 |
| Zinnwald-Georg. *    | 877   | 582        | 32370 | 72707 | 10114 | 20088 | 48543 | 52003 |       |       | 8623/ |       |    |
| Trier-Petrisberg     | 265   | 609        | 32582 | 72707 | 10166 | 20109 | 40233 | 51002 |       |       | 878// |       |    |
| Deuselbach           | 480   | 615        | 32481 | 72308 | 10150 | 20101 | 40229 | 51004 |       |       | 878// |       |    |
| Pferdsfeld           | 396   | 626        |       |       |       |       |       |       |       |       |       |       |    |
| Kl.Feldberg/Ts. *    | 805   | 635        | 11382 | 52704 | 10127 | 20105 | 48554 | 51005 | 69901 | 70264 | 85202 |       |    |
| Frankfurt/M., Flugh. | 111   | 637        | 32681 | 62109 | 10189 | 20109 | 40225 | 58002 |       |       | 84802 |       |    |
| Michelstadt/Vielbrun | 453   | 648        | 11481 | 62609 | 10155 | 20108 | 40231 | 50000 | 69951 | 70262 | 85231 |       |    |
| Wuerzburg            | 268   | 655        | 11582 | 72809 | 10175 | 20119 | 40225 | 51003 | 69931 | 70262 | 878// |       |    |
| Bad Kissingen        | 262   | 658        | 11572 | 72004 | 10163 | 20126 | 40231 | 52006 | 69901 | 70262 | 878// |       |    |
| Coburg               | 322   | 671        | 11268 | 72607 | 10151 | 20142 | 40233 | 53002 | 69931 | 72065 | 872// |       |    |
| Bamberg              | 239   | 675        | 11468 | 73005 | 10162 | 20130 | 40232 | 51001 | 69911 | 70262 | 878// |       |    |
| Hof                  | 667   | 685        | 11340 | 82307 | 10122 | 20113 | 40226 | 51004 | 69921 | 72165 | 885// |       |    |
| Weiden               | 438   | 688        | 11359 | 82208 | 10131 | 20113 | 40238 | 51000 | 69951 | 76065 | 8572/ |       |    |
| Beruf                | 363   | 704        | 32581 | 72612 | 10164 | 20101 | 40234 | 50001 |       |       | 878// |       |    |
| Tholey               | 396   | 706        | 32484 | 72508 | 10158 | 20104 | 40233 | 51004 |       |       | 872// |       |    |
| Saarbruecken, Flugh. | 322   | 708        | 32570 | 72509 | 10170 | 20106 | 40241 | 53002 |       |       | 878// |       |    |
| Weinbiet             | 553   | 724        | 11580 | 72614 | 10157 | 20090 | 40225 | 51003 | 69901 | 70252 | 872// |       | 25 |
| Karlsruhe            | 112   | 727        | 32582 | 62710 | 10198 | 20133 | 40231 | 58002 |       |       | 85830 |       |    |
| Mannheim             | 96    | 729        | 32682 | 62708 | 10200 | 20102 | 40229 | 54000 |       |       | 86800 |       |    |
| Stuttgart, Flugh.    | 396   | 738        | 32584 | 62810 | 10172 | 20108 | 40236 | 52001 |       |       |       |       |    |



| Station              | Hoehe | iii | ihVV  | Nddff  | 1sTTT | 2sTTT | 4PPPP | 18 Uhr | UTC   | 7www  | 8NCCC | 12-18 | 06-18 | 06-18 | 06-18 |       |
|----------------------|-------|-----|-------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |       |     | Rx    |        | n     | nddd  |       | Sappp  | 6RRRt | R     | 12    | ff-ff | 06-18 | 06-18 | 06-18 |       |
|                      |       |     |       |        |       |       |       |        |       |       | hLMH  | xx    | gg    | 1sTTT | 2sTTT |       |
|                      |       |     |       |        |       |       |       |        |       |       |       |       |       | nxxx  | nnnn  | 5ssst |
|                      |       |     |       |        |       |       |       |        |       |       |       |       |       |       |       | R     |
| Helgoland            | 4     | 015 | 11475 | 82426  | 10169 | 20129 | 40136 | 58004  | 69902 | 70362 | 8472/ | 30    | 37    | 10173 | 20153 |       |
| List/Sylt            | 26    | 020 | 11459 | 82322  | 10158 | 20135 | 40105 | 57007  | 69902 | 72162 | 875// | 29    | 42    | 10171 | 20135 |       |
| Leck                 | 7     | 022 | 43/// |        |       |       |       |        |       |       |       |       |       |       |       | 10167 |
| Husum                | 28    | 026 |       |        |       |       |       |        |       |       |       |       |       |       |       | 10170 |
| Flensburg/Meierwik   | 27    | 033 | 43/// |        |       |       |       |        |       |       |       |       |       |       |       | 10170 |
| Schleswig            | 43    | 035 | 11658 | 82413  | 10164 | 20125 | 40130 | 55011  | 69902 | 70382 | 875// | 32    |       | 10167 | 20101 |       |
| Hohn                 | 12    | 038 | 43//  |        |       |       |       |        |       |       |       |       |       |       |       | 10178 |
| Kiel-Holtenau        | 31    | 046 | 32758 | 82209  | 10166 | 20115 | 40133 | 57014  |       |       | 85530 | 27    |       | 10181 | 20106 |       |
| Püttgarden           | 1     | 063 | 36/60 | /2114  | 10164 | 20103 | 40131 | 57018  |       |       |       | 26    |       | 10185 | 20120 |       |
| Arkona               | 42    | 091 | 11672 | 72116  | 10150 | 20088 | 40139 | 58017  | 69902 | 70261 | 8357/ | 23    | 29    | 10162 | 20127 |       |
| Norderney            | 11    | 113 | 32770 | 82513  | 10165 | 20122 | 40150 | 51003  |       |       | 8457/ | 33    |       | 10179 | 20133 |       |
| Bremerhaven          | 7     | 129 | 32660 | 72218  | 10174 | 20126 | 40151 | 58009  |       |       | 82532 | 21    | 28    | 10186 | 20117 |       |
| Cuxhaven             | 5     | 131 | 21560 | 72219  | 10178 | 20121 | 40140 | 58012  |       | 70261 | 82532 | 33    |       | 10184 | 20122 |       |
| Hamburg, Flugh.      | 16    | 147 | 31657 | 52213  | 10166 | 20114 | 40149 | 57014  |       | 70511 | 83530 |       |       | 10184 | 20114 |       |
| Luebeck-Blankensee   | 14    | 156 | 32658 | 22008  | 10158 | 20108 | 40150 | 57016  |       |       | 82500 |       |       | 10187 | 20093 |       |
| Boitenhagen          | 15    | 161 | 32658 | 32110  | 10160 | 20107 | 40147 | 56012  |       |       | 81230 |       |       | 10182 | 20113 |       |
| Schwerin             | 59    | 162 | 32958 | 22109  | 10151 | 20103 | 40159 | 56011  |       |       | 82030 |       |       | 10182 | 20094 |       |
| Rostock-Warnemünde   | 4     | 170 | 32962 | 32009  | 10161 | 20095 | 40149 | 56013  |       |       | 83050 |       |       | 10185 | 20119 |       |
| Teterow              | 46    | 177 | 36/// | /2111  | 10156 | 20086 | 40162 | 56010  |       |       |       |       |       | 10188 | 20101 |       |
| Barth                | 7     | 180 | 36/// | /2111  | 10157 | 20100 | 40145 | 56014  |       |       |       |       |       | 10176 | 20114 |       |
| Greifswald           | 2     | 184 | 11970 | 62108  | 10157 | 20090 | 40156 | 57010  | 69902 | 72162 | 86030 |       |       | 10188 | 20106 |       |
| Ueckermünde          | 1     | 193 | 36/59 | /2006  | 10149 | 20087 | 40165 | 58007  |       |       |       |       |       | 10189 | 20100 |       |
| Emden-Hafen          | 5     | 203 | 32762 | 72220  | 10170 | 20129 | 40154 | 55000  |       |       | 81532 | 26    | 31    | 10187 | 20116 |       |
| Oldenburg            | 11    | 215 | 32758 | 52209  | 10172 | 20103 | 40158 | 57005  |       |       | 82530 | 27    |       | 10196 | 20122 |       |
| Ahlhorn              | 49    | 218 | 43/// |        |       |       |       |        |       |       |       |       |       |       |       | 10187 |
| Bremen, Flugh.       | 4     | 224 | 32859 | 72208  | 10171 | 20125 | 40164 | 58006  |       |       | 85032 |       |       | 10191 | 20118 |       |
| Soitau               | 77    | 235 | 31756 | 72207  | 10163 | 20113 | 40177 | 57009  |       | 70522 | 81532 |       |       | 10176 | 20109 |       |
| Boizenburg           | 45    | 249 | 36/// | /15-15 | 10150 | 20092 | 40175 | 55009  |       |       | 86031 |       |       | 10183 | 20105 |       |
| Luechow              | 17    | 253 | 32962 | 62306  | 10162 | 20107 | 40179 | 58008  |       |       | 81030 | 25    |       | 10189 | 20111 |       |
| Seehausen            | 21    | 261 | 32961 | 12005  | 10162 | 20107 | 40179 | 58008  |       |       |       |       |       | 10184 | 20097 |       |
| Marnitz              | 81    | 264 | 36/// | /2109  | 10154 | 20115 | 40164 | 56010  |       |       |       |       |       | 10189 | 20093 |       |
| Neuruppin            | 38    | 270 | 32658 | 32304  | 10153 | 20108 | 40180 | 58003  |       |       | 83500 |       |       | 10192 | 20093 |       |
| Neubrandenburg       | 81    | 280 | 32660 | 62314  | 10155 | 20093 | 40166 | 58005  |       |       | 82531 |       |       | 10179 | 20099 |       |
| Angermünde           | 56    | 291 | 32968 | 72208  | 10156 | 20117 | 40177 | 57004  |       |       | 8703/ |       |       | 10184 | 20109 |       |
| Lingen               | 22    | 305 | 36/60 | /2109  | 10179 | 20121 | 40165 | 57011  |       |       |       |       |       | 10194 | 20126 |       |
| Muenster/Osnabrueck  | 48    | 315 | 32768 | 52212  | 10176 | 20105 | 40181 | 57007  |       |       | 81531 | 25    |       | 10200 | 20120 |       |
| Osnabrueck           | 95    | 317 | 32968 | 62208  | 10169 | 20110 | 40179 | 57007  |       |       | 83032 |       |       | 10189 | 20122 |       |
| Guetersloh           | 72    | 320 | 32966 | 62209  | 10174 | 20105 | 40195 | 58006  |       |       | 83032 |       |       | 10198 |       |       |
| Bad Salzuflen        | 135   | 325 |       |        |       |       |       |        |       |       |       |       |       | 10182 | 20119 |       |
| Hannover, Flugh.     | 56    | 338 | 32962 | 72208  | 10165 | 20116 | 40177 | 55007  |       |       | 81032 |       |       | 10187 | 20116 |       |
| Braunschweig         | 81    | 348 | 32962 | 72406  | 10169 | 20109 | 40181 | 57010  |       |       | 81031 | 25    |       | 10186 | 20102 |       |
| Gardelegen           | 47    | 359 | 36/// | /1906  | 10156 | 20107 | 40183 | 58011  |       |       |       | 25    |       | 10183 | 20105 |       |
| Magdeburg            | 79    | 361 | 32958 | 52104  | 10165 | 20112 | 40188 | 57011  |       |       | 83031 |       |       | 10195 | 20095 |       |
| Potsdam              | 81    | 379 | 32770 | 62407  | 10157 | 20102 | 40188 | 58003  |       |       | 84531 |       |       | 10183 | 20104 |       |
| Berlin-Dahlem        | 51    | 381 | 32670 | 52303  | 10149 | 20101 | 40186 | 58004  |       |       | 83531 |       |       | 10185 | 20109 |       |
| Berlin-Tegel, Flugh. | 37    | 382 | 11772 | 42408  | 10161 | 20099 | 40185 | 58004  | 69902 | 70181 | 83581 |       |       | 10184 | 20112 |       |
| Berlin-Temp., Flugh. | 50    | 384 | 32768 | 42306  | 10167 | 20098 | 40187 | 58002  |       |       | 81531 |       |       | 10185 | 20111 |       |
| Berlin-Schönefeld    | 47    | 385 | 32965 | 52206  | 10151 | 20112 | 40190 | 58002  |       |       | 85031 |       |       | 10189 | 20104 |       |
| Lindenber            | 98    | 393 | 32972 | 72304  | 10155 | 20102 | 40191 | 57001  |       |       | 8705/ |       |       | 10188 | 20093 |       |
| Manschnow            | 12    | 396 | 36/// | /2108  | 10164 | 20105 | 40186 | 57004  |       |       |       |       |       | 10186 | 20106 |       |
| Duesseldorf, Flugh.  | 45    | 400 | 32965 | 22409  | 10180 | 20105 | 40204 | 50000  |       |       | 81031 |       |       | 10209 | 20140 |       |
| Bocholt              | 21    | 408 |       |        |       |       |       |        |       |       |       |       |       | 10209 | 20117 |       |
| Essen                | 152   | 410 | 32684 | 12509  | 10162 | 20110 | 40206 | 54000  |       |       | 81442 |       |       | 10190 | 20126 |       |
| Kahler Asten *       | 839   | 427 | 32583 | 32315  | 10109 | 20084 | 48532 | 51001  |       |       | 81141 | 28    |       | 10136 | 20086 |       |
| Bad Lippspringe      | 157   | 430 | 43/// |        |       |       |       |        |       |       |       |       |       | 10187 | 20097 |       |
| Kassel               | 231   | 438 | 32977 | 62108  | 10166 | 20115 | 40199 | 57004  |       |       | 82042 |       |       | 10191 | 20101 |       |
| Goettingen           | 175   | 444 | 32675 | 61906  | 10170 | 20112 | 40197 | 58005  |       |       | 81542 |       |       | 10201 | 20104 |       |
| Leinefelde           | 356   | 449 | 32972 | 42205  | 10151 | 20111 | 40199 | 58004  |       |       | 84030 |       |       | 10175 | 20098 |       |
| Braunlage            | 607   | 452 | 32475 | 32203  | 10119 | 20086 | 40197 | 58003  |       |       | 81142 |       |       | 10148 | 20081 |       |
| Brocken *            | 1142  | 453 | 31965 | 32331  | 10084 | 20057 | 48522 | 58001  |       |       | 82041 | 33    | 40    | 10088 | 20054 |       |
| Artern               | 164   | 460 | 32984 | 42307  | 10163 | 20111 | 40196 | 58004  |       |       | 81044 | 25    |       | 10192 | 20092 |       |
| Leipzig-Schkeuditz   | 131   | 469 | 32311 | ///    | 10165 | 20094 | 40199 | 58003  |       |       | 83032 | 25    |       | 10194 | 20099 |       |
| Wittenberg           | 105   | 474 | 32670 | 42104  | 10165 | 20101 | 40193 | 58006  |       |       | 82230 |       |       | 10194 | 20099 |       |
| Oschatz              | 150   | 480 | 32960 | 52304  | 10157 | 20122 | 40203 | 55000  |       |       | 85030 |       |       | 10192 | 20094 |       |
| Dresden-Klotzsche    | 222   | 488 | 32770 | 62305  | 10163 | 20121 | 40204 | 56001  |       |       | 82530 |       |       | 10189 | 20102 |       |
| Doberlug-Kirchhain   | 97    | 490 | 36/// | /2106  | 10161 | 20108 | 40199 | 56003  |       |       |       |       |       | 10189 | 20097 |       |
| Cottbus              | 69    | 496 | 32980 | 52304  | 10157 | 20094 | 40192 | 56004  |       |       | 85030 |       |       | 10194 | 20103 |       |
| Görlitz              | 237   | 499 | 31676 | 42206  | 10132 | 20105 | 40210 | 55000  |       |       | 71411 |       |       | 10185 | 20090 |       |
| Aachen               | 202   | 501 | 32980 | 32305  | 10158 | 20111 | 40208 | 58005  |       |       | 80001 | 26    |       | 10186 | 20133 |       |
| Noervenich           | 118   | 502 | 43/// |        |       |       |       |        |       |       |       |       |       | 10196 |       |       |
| Nuerburg             | 627   | 510 | 32381 | 22311  | 10126 | 20092 | 40224 | 58003  |       |       | 81801 |       |       | 10157 | 20104 |       |
| Koeln/Bonn, Flugh.   | 91    | 513 | 32683 | 12803  | 10173 | 20114 | 40210 | 55001  |       |       | 81502 |       |       | 10207 | 20127 |       |
| Bendorf              | 17    | 515 | 22982 | 22309  | 10172 | 20075 | 40220 | 53002  |       |       | 80002 |       |       | 10209 | 20136 |       |
| Bad Marienberg       | 547   | 526 | 12782 | 22307  | 10129 | 20100 | 40219 | 56002  | 69902 |       | 82500 |       |       | 10168 | 20105 |       |
| Giessen              | 186   | 532 | 11982 | 22107  | 10168 | 20089 | 40220 | 51010  | 69932 | 70261 | 80002 |       |       | 10194 | 20094 |       |
| Bad Hersfeld         | 212   | 542 | 43/// |        |       |       |       |        |       |       |       |       |       | 10194 | 20102 |       |
| Wasserkuppe *        | 921   | 544 | 11375 | 32215  | 10099 | 20089 | 48544 | 54000  | 60032 | 70141 | 81131 |       |       | 10138 | 20084 |       |
| Meiningen            | 450   | 548 | 12566 | 41904  | 10139 | 20105 | 40220 | 58001  | 69932 |       | 81103 |       |       | 10162 | 20081 |       |
| Schmücke *           | 937   | 552 | 11000 | 92316  | 10101 | 20101 | 48542 | 55001  | 60022 | 74752 |       | 26    |       | 10107 | 20066 |       |
| Erfurt-Bindersleben  | 312   | 554 | 32975 | 62206  | 10146 | 20108 | 40206 | 58005  |       |       | 82046 |       |       | 10178 | 20100 |       |
| Neuhaus a.R. *       | 845   | 557 | 11967 | 32309  | 10101 | 20093 | 48539 | 57002  | 60022 | 70384 | 81042 |       |       | 10127 | 20071 |       |
| Gera-Leumnitz        | 311   | 567 | 12675 | 32408  | 10154 | 20100 | 40210 | 56003  | 69912 |       | 81548 |       |       | 10183 | 20089 |       |
| Chemnitz             | 418   | 577 | 12570 | 32310  | 10142 | 20109 | 40210 | 55003  | 69902 |       | 82441 | 25    |       | 10163 | 20084 |       |
| Fichtelberg *        | 1213  | 578 | 11000 | 92526  | 10076 | 20074 | 48533 | 58003  | 69962 | 74544 |       | 26    | 32    | 10086 | 20042 |       |
| Zinnwald-Georg.      | 877   | 582 | 32474 | 42407  | 10100 | 20088 | 48535 | 58003  |       |       | 82430 |       |       | 10128 | 20056 |       |
| Trier-Petrisberg     | 265   | 609 | 32681 | 12405  | 10160 | 20094 | 40232 | 53003  |       |       | 81501 |       |       | 10198 |       |       |



# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

## AEROLOGISCHE WETTERMELDUNGEN

| Jahrgang 17                          |  | Höhenbeobachtungen vom Dienstag den 15. September 1992  |   |  |   |  |   | Nummer 259 |
|--------------------------------------|--|---|---|--|---|--|---|------------|
| Station                              | Schleswig  | Greifswald  | Hannover  | Lindenberg   | Essen   | Dresden  |   |            |
| YYGG                                 | 1500   | 1500  | 1500  | 1500   | 1500  | 1500   |   |            |
|                                      | 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  | hhhh TTTdTd dffff<br>oder<br>ppp TTTdTd dffff |            |
| hPa                                  |  |   |   |  |   |  |   |            |
| 10                                   | 3128 -44 29 12   | 3126 -46 29 16  | 3127 -44  | 3122 -44 28 20   |   |  | 3126 -46                                      |            |
| 20                                   | 2673 -53 36 12   | 2674 -54 30 4   | 2672 -52  | 2667 -53 28 5  |   |  | 2672 -51                                      |            |
| 30                                   | 2410 -53 33 7  | 2411 -53 34 10  | 2410 -55  | 2407 -54 33 8  |   |  | 2410 -54                                      |            |
| 50                                   | 2083 -54 29 9  | 2083 -53 29 5   | 2083 -54  | 2079 -55 28 11   | 2083 -54 30 6   |  | 2083 -56                                      |            |
| 70                                   | 1866 -52 28 16   | 1866 -53 30 18  | 1867 -53  | 1864 -53 30 21   | 1868 -55 28 17  |  | 1867 -52                                      |            |
| 100                                  | 1637 -53 -75 27 22   | 1635 -52 -85 28 21  | 1639 -56 -88  | 1635 -55 -87 29 19   | 1641 -56 -87 28 18  |  | 1638 -55 -87                                  |            |
| 150                                  | 1374 -53 -75 31 49   | 1372 -51 -78 30 30  | 1379 -55 -81  | 1373 -51 -84 30 36   | 1384 -58 -73 30 46  |  | 1378 -54 -82                                  |            |
| 200                                  | 1188 -52 -72 31 78   | 1184 -49 -74 31 48  | 1195 -55 -72  | 1186 -51 -84 32 51   | 1205 -58 -69 31 76  |  | 1193 -52 -76                                  |            |
| 250                                  | 1042 -48 -66 31 97   | 1037 -47 -69 32 70  | 1051 -48 -64  | 1040 -47 -73 32 79   | 1061 -47 -55 31 80  |  | 1047 -47 -68 33 90                            |            |
| 300                                  | 0921 -41 -59 31 89   | 0915 -41 -65 32 79  | 0928 -41 -61  | 0918 -41 -66 33 84   | 0938 -39 -45 31 73  |  | 0924 -41 -63 32 92                            |            |
| 400                                  | 0719 -30 -33 31 66   | 0716 -34 -47 28 27  | 0727 -26 -47  | 0718 -32 -55 30 34   | 0734 -25 -28 31 60  |  | 0723 -27 -42 32 56                            |            |
| 500                                  | 0556 -20 -43 31 45   | 0555 -22 -43 27 26  | 0562 -16 -30  | 0557 -21 -48 29 31   | 0568 -13 -18 31 55  |  | 0560 -21 -45 29 44                            |            |
| 700                                  | 0300 -6 -6 27 26   | 0299 -5 -18 30 23   | 0304 -6 -8  | 0302 -6 -12 28 31  | 0305 -5 -17 29 29   |  | 0304 -6 -8 30 23                              |            |
| 850                                  | 0145 3 2 29 25   | 0145 2 0 30 23  | 0149 4 2  | 0147 2 0 30 19   | 0150 5 4 27 25  |  | 0149 3 1 31 19                                |            |
| 1000                                 | 0011 12 10 25 12   | 0011 10 7 28 23   | 0014 12 8   | 0013 11 10 29 8  | 0015 13 11 24 6   |  | 0015  |            |
| M<br>a<br>r<br>k<br>a<br>n<br>t<br>e | 006 -38 31 22<br>009 -45<br>010 -44<br>012 32 6<br>015 27 8<br>018 5 7<br>019 -54<br>021 33 8<br>024 2 7<br>027 -51<br>034 -55<br>040 -54 29 5<br>042 24 7<br>045 -55 31 8<br>057 31 8<br>068 -52<br>074 -53<br>100 -53 -75 27 22<br>110 -51 -75<br>112 29 23<br>116 -53 -75 30 22<br>128 -51 -74<br>141 -51 -73<br>144 31 48<br>157 -54 -76<br>171 -52 -73<br>180 31 56<br>184 -53 -73<br>200 -52 -72 31 78<br>217 -49 -68<br>228 -51 -69<br>243 -49 -67 31 97<br>266 -47 -64<br>311 31 90<br>330 -36 -55<br>348 -35 -52<br>376 -31 -51<br>383 -30 -48<br>399 -30 -33 31 67<br>458 -20 -30<br>467 -21 -29<br>476 -20 -41<br>485 -20 -42<br>513 -19 -43<br>551 -17 -32<br>569 30 29<br>581 -14 -27<br>600 28 27<br>615 -12 -26<br>641 -10 -14<br>652 -10 -16<br>662 -9 -17<br>683 -7 -7 27 27<br>717 -4 -4 5<br>730 -4 -5<br>793 0 0<br>800 29 27<br>824 1 1<br>883 29 24<br>904 29 23<br>918 8 5<br>925 9 5 29 22<br>938 9 6<br>958 10 8<br>986 12 8 27 13<br>007 11 10 23 11 | 004 -30 32 26<br>005 -37<br>007 -41<br>007 -39<br>009 -45<br>012 30 13<br>015 -50 25 8<br>016 21 5<br>017 33 4<br>019 -54<br>021 30 3<br>023 1 1<br>024 -52 4 2<br>027 -55<br>030 -53 34 10<br>031 -55<br>044 26 8<br>049 -53 30 7<br>052 -54<br>062 -52<br>094 -54<br>100 -52 -85 28 21<br>116 31 25<br>137 29 30<br>148 30 31<br>235 -48 -71 32 67<br>255 -47 -68<br>297 -41 -64 32 80<br>320 -38 -62<br>334 32 66<br>359 -36 -62<br>375 -36 -55<br>396 -34 -49 28 28<br>402 -33 -46<br>449 27 29<br>482 -24 -46<br>515 -20 -39<br>573 29 26<br>600 29 25<br>606 -12 -28<br>620 -11 -26<br>634 -11 -19<br>674 -7 -19<br>694 -5 -18<br>731 -3 -14<br>741 -3 -13<br>758 -2 -11<br>786 -1 -16 29 21<br>800 29 21<br>803 -1 -4<br>820 0 -1<br>849 2 0<br>881 5 -2 30 24<br>909 29 26<br>925 8 2 29 26<br>986 11 7 28 26<br>993 28 25<br>000 10 7 28 23<br>013 11 7 24 9 | 005 -37<br>012 -46<br>014 -50<br>018 -53<br>025 -51<br>044 -56<br>047 -53<br>059 -54<br>065 -53<br>077 -53<br>091 -56<br>100 -56 -88<br>113 -53 -85<br>130 -56 -88<br>156 -55 -80<br>197 -55 -72<br>207 -53 -69<br>220 -53 -68<br>246 -49 -64<br>255 -47 -65<br>317 -38 -58<br>385 -28 -55<br>402 -26 -46<br>409 -26 -34<br>417 -26 -30<br>471 -18 -27<br>491 -17 -26<br>515 -15 -49<br>554 -13 -45<br>563 -12 -44<br>587 -12 -33<br>634 -9 -33<br>648 -11 -18<br>659 -10 -10<br>702 -6 -8<br>766 -1 -2<br>810 1 0<br>862 5 3<br>917 8 3<br>925 8 3<br>966 11 5<br>011 12 9 23 12 | 004 -24 31 23<br>004 -30<br>005 -32<br>007 -40 32 28<br>009 30 33<br>015 26 13<br>018 -53 28 3<br>022 30 2<br>024 35 4<br>039 26 5<br>043 -55 31 5<br>050 28 11<br>068 -54<br>073 -52<br>080 -55<br>100 -55 -87 29 19<br>106 -55 -87 29 18<br>113 -52 -85 30 22<br>120 -53 -85<br>126 -52 -85<br>131 -53 -85<br>147 -51 -84<br>184 -52 -85<br>219 -50 -84 32 59<br>225 -48 -82<br>261 -47 -71<br>292 -43 -66<br>312 33 86<br>323 -37 -67 33 87<br>363 -35 -62 32 66<br>397 -32 -57<br>419 -32 -50 28 24<br>445 28 24<br>464 -25 -49<br>525 -19 -48<br>533 -19 -41<br>554 29 35<br>576 -16 -26<br>600 28 33<br>643 -11 -13 28 32<br>685 -6 -11<br>722 -4 -12 29 31<br>759 -2 -10<br>770 -4 -5<br>800 30 22<br>803 -1 -3<br>824 0 -1 30 20<br>842 1 0<br>895 6 2<br>899 30 21<br>925 8 3 30 22<br>961 11 5<br>967 11 5<br>979 10 10 31 22<br>985 31 22<br>002 11 10 28 4 | 040 -55 26 6<br>043 28 6<br>047 26 9<br>048 -55 27 5<br>054 -52 34 5<br>057 -55 29 8<br>062 31 14<br>073 28 18<br>079 -55 30 16<br>092 -58 30 16<br>100 -56 -87 28 18<br>104 30 17<br>113 -55 -80 29 32<br>128 -58 -79 32 37<br>142 30 50<br>165 -59 -72 31 45<br>172 -62 -74 31 65<br>178 -63 -75 31 67<br>225 -53 -63 31 82<br>238 -50 -59<br>250 -47 -55 31 80<br>264 -46 -52<br>343 -31 -37 31 73<br>360 -30 -35<br>422 -22 -25<br>442 -19 -26 31 47<br>455 -17 -24<br>477 -16 -20<br>491 31 56<br>524 -10 -16<br>544 -10 -14<br>561 31 48<br>587 -6 -12<br>596 -6 -12<br>600 31 44<br>617 -6 -36<br>665 -3 -36<br>684 -4 -28<br>693 -5 -26<br>722 -5 -5<br>766 -2 -4 28 24<br>797 1 1<br>800 28 23<br>839 4 4<br>898 26 22<br>918 9 8<br>925 9 8 26 21<br>958 11 10<br>982 26 22<br>000 13 11 24 6 | 007 -40<br>009 -45<br>012 -46<br>015 -53<br>020 -51<br>035 -55<br>047 -54<br>050 -56<br>066 -54<br>071 -51<br>075 -55<br>087 -53<br>100 -55 -87<br>116 -52 -85<br>120 -54 -86<br>187 -54 -80<br>215 -49 -72<br>220 -49 -72<br>225 -50 -73<br>244 -48 -69<br>258 33 90<br>264 -46 -67<br>277 -44 -65 32 100<br>302 -41 -63<br>358 -32 -63 32 81<br>373 -30 -62<br>397 -28 -41<br>407 -26 -49 32 51<br>414 -26 -55<br>463 -25 -46<br>498 29 46<br>515 -19 -44 29 27<br>565 -14 -37<br>600 29 24<br>610 -10 -29<br>637 -9 -20<br>646 -11 -15<br>655 -10 -11<br>669 29 22<br>756 -2 -5<br>772 -2 -3<br>800 31 27<br>810 0 -2 30 28<br>839 2 0 31 19<br>880 5 3<br>888 31 23<br>925 8 5 31 22<br>934 9 5<br>956 30 21<br>990 11 9 30 10 |   |            |
| P<br>u<br>n<br>k<br>t<br>e           | 243 -49 -67 31 97  | 297 -41 -64 32 80   |   | 323 -37 -67 33 87  | 225 -53 -63 31 82   |  | 277 -44 -65 32 100                            |            |
| Tropo-<br>pause                      | 200 -52 -72 31 78  | 235 -48 -71 32 67   | 197 -55 -72   | 106 -55 -87 29 18<br>219 -50 -84 32 59   | 178 -63 -75 31 67   |  | 187 -54 -80                                   |            |
| Max-<br>wind                         |  |   |   |  |   |  |   |            |
| 30/50                                | 0327   | 0328  | 0327  | 0328   |   |  | 0327  |            |
| 50/100                               | 0446   | 0448  | 0444  | 0444   |   |  | 0445  |            |
| 100/200                              | 0449   | 0451  | 0444  | 0449   | 0442  |  | 0445  |            |
| 200/500                              | 0632   | 0629  | 0633  | 0629   | 0436  |  | 0633  |            |
| 500/1000                             | 0546   | 0544  | 0548  | 0544   | 0553  |  | 0545  |            |

# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

## AEROLOGISCHE WETTERMELDUNGEN

Jahrgang 17

Höhenbeobachtungen vom Dienstag den 15. September 1992

Nummer 259

| Station         | Meiningen                                   | Stuttgart                                   | Muenchen                                    | Greifswald                                  | Lindenberg                                  | Meiningen                                   | Berlin                                      |
|-----------------|---|---|---|---|---|---|---|
| YYGG            | 1500  | 1500  | 1500  | 1506  | 1506  | 1506  | 1512  |
|                 | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff | hhhh TTdTd dffff<br>oder<br>ppp TTdTd dffff |
| hPa             | ppp TTdTd dffff                             | ppp TTdTd dffff                             | ppp TTdTd dffff                             | ppp TTdTd dffff                             | ppp TTdTd dffff                             | ppp TTdTd dffff                             | ppp TTdTd dffff                             |
| 10              | 3129 -44                                    | 3132 -44 29 27                              | 3128 -42 29 33                              | 3118 -44 36 12                              | 3120 -46                                    | 3123 -44                                    |   |
| 20              | 2675 -51                                    | 2675 -51 26 3                               | 2674 -50 22 7                               | 2669 -54 31 12                              | 2665 -54                                    | 2667 -53                                    |   |
| 30              | 2410 -53                                    | 2412 -52 35 2                               | 2410 -53 35 3                               | 2409 -55 31 4                               | 2407 -55                                    | 2406 -56                                    |   |
| 50              | 2084 -55                                    | 2086 -55 32 6                               | 2083 -56 30 3                               | 2082 -53 31 10                              | 2079 -55                                    | 2081 -56                                    |   |
| 70              | 1868 -53                                    | 1870 -55 28 11                              | 1869 -56 30 21                              | 1865 -53 29 8                               | 1865 -54                                    | 1866 -56                                    |   |
| 100             | 1640 -56 -79                                | 1644 -60 -84 30 27                          | 1642 -59 -86 29 20                          | 1635 -54 -86 31 22                          | 1636 -56 -88                                | 1639 -56 -87                                | 1641 -56 -88                                |
| 150             | 1383 -57 -73                                | 1390 -58 -73 31 40                          | 1387 -58 -76 30 36                          | 1374 -53 -84 32 43                          | 1376 -55 -82                                | 1385 -59 -74                                | 1382 -56 -88                                |
| 200             | 1201 -56 -69                                | 1210 -59 -67 33 74                          | 1206 -56 -67 34 74                          | 1187 -51 -76 32 54                          | 1191 -53 -75                                | 1205 -59 -69                                | 1198 -56 -77                                |
| 250             | 1057 -48 -60                                | 1066 -49 -54 32 74                          | 1062 -49 -54 33 90                          | 1042 -50 -69 32 83                          | 1046 -50 -69                                | 1062 -49 -58                                | 1054 -50 -68                                |
| 300             | 0934 -40 -48                                | 0944 -39 -45 32 67                          | 0940 -40 -44 32 82                          | 0921 -43 -64 32 77                          | 0925 -43 -63 32 88                          | 0939 -39 -49                                | 0933 -43 -61                                |
| 400             | 0731 -25 -34                                | 0740 -24 -28 32 62                          | 0737 -25 -28 32 62                          | 0721 -28 -58 32 74                          | 0725 -27 -57 32 72                          | 0738 -26 -28                                | 0733 -28 -51                                |
| 500             | 0565 -14 -26                                | 0573 -12 -22 32 49                          | 0571 -13 -28 31 50                          | 0558 -20 -30 31 43                          | 0561 -19 -24 31 46                          | 0570 -14 -19                                | 0568 -14 -44                                |
| 700             | 0306 -6 -12                                 | 0310 -3 -4 27 26                            | 0310 -3 -5 28 40                            | 0301 -5 -14 29 28                           | 0303 -6 -16 30 35                           | 0308 -5 -6                                  | 0307 -1 -15                                 |
| 850             | 0151 4 -3                                   | 0154 7 3 28 20                              | 0154 6 5 29 30                              | 0146 3 0 30 19                              | 0149 3 2 29 25                              | 0152 5 4                                    | 0151 4 1                                    |
| 1000            | 0017  | 0018  | 0018  | 0012 10 8 28 21                             | 0015 9 8 26 11                              | 0018  | 0016 15 10                                  |
|                 |   | 006 -33 30 26                               |   |   |   |   |   |
|                 |   | 009 -43                                     |   |   |   |   |   |
|                 |   | 016 -50                                     |   |   |   |   |   |
|                 |   | 020 26 4                                    |   |   |   |   |   |
|                 |   | 021 27 1                                    |   |   |   |   |   |
|                 |   | 022 0 0                                     |   |   |   |   |   |
|                 |   | 030 -52 35 2                                |   |   |   |   |   |
|                 |   | 033 27 7                                    |   |   |   |   |   |
|                 |   | 034 33 2                                    |   |   |   |   |   |
|                 |   | 036 -56                                     |   |   |   |   |   |
|                 |   | 041 34 7                                    |   |   |   |   |   |
|                 |   | 063 -54                                     | 005 -32 28 32                               | 005 -38 1 5                                 |   |   |   |
|                 |   | 065 28 13                                   | 010 -40 27 32                               | 006 -37 32 21                               |   |   |   |
|                 |   | 066 -56                                     | 011 -45                                     | 007 -41                                     |   |   |   |
|                 |   | 070 -55 28 11                               | 015 -50 30 18                               | 007 -39 30 13                               |   |   |   |
|                 |   | 078 -57                                     | 022 -52 21 8                                | 008 -39                                     |   |   |   |
|                 |   | 087 -55                                     | 025 -51 22 2                                | 010 -40 1 10                                |   |   |   |
|                 |   | 088 -60                                     | 026 3 1                                     | 015 -54                                     |   |   |   |
|                 |   | 096 -60                                     | 034 -56                                     | 025 -53                                     | 006 -40                                     |   |   |
|                 |   | 100 -60 -84 30 27                           | 054 26 5                                    | 030 -53                                     | 007 -39                                     |   |   |
|                 |   | 108 29 30                                   | 055 31 5                                    | 034 -56 23 2                                | 012 -49                                     |   |   |
|                 |   | 115 -61 -83                                 | 063 33 9                                    | 039 35 4                                    | 022 -55                                     |   |   |
|                 | 008 -41                                     | 127 31 21                                   | 081 -56 28 18                               | 044 -54                                     | 045 -54                                     |   |   |
|                 | 017 -51                                     | 144 -57 -74 31 39                           | 091 -54                                     | 068 27 11                                   | 057 -56                                     |   |   |
|                 | 027 -51                                     | 149 -58 -74                                 | 099 -59 -86                                 | 070 29 8                                    | 080 -53                                     |   |   |
|                 | 032 -54                                     | 156 -60 -74                                 | 113 -57 -82 32 19                           | 082 -53                                     | 100 -56 -88                                 |   |   |
|                 | 040 -54                                     | 163 -60 -73                                 | 124 -60 31 36                               | 100 -54 -86 31 22                           | 101 -56 -88                                 |   |   |
|                 | 042 -56                                     | 168 -60 -73 32 37                           | 131 -60 -82                                 | 119 -51 -84                                 | 118 -53 -86                                 |   |   |
|                 | 069 -53                                     | 175 -58 -69                                 | 150 -58 -76 30 36                           | 134 -55 -87                                 | 133 -56 -87                                 |   |   |
|                 | 075 -57                                     | 183 -60 -70                                 | 160 -62 -78 31 46                           | 187 -50 -79                                 | 182 -52 -76                                 | 008 -41                                     |   |
|                 | 099 -56 -79                                 | 187 33 69                                   | 174 -59 -74 33 43                           | 215 -51 -74 32 55                           | 191 -55 -78                                 | 019 -53                                     |   |
|                 | 124 -55 -75                                 | 192 -60 -68 32 72                           | 178 -59 -74                                 | 247 -51 -70 32 81                           | 200 -53 -75                                 | 021 -52                                     |   |
|                 | 134 -58 -76                                 | 200 -59 -67 33 74                           | 195 -55 -67                                 | 256 -48 -67                                 | 206 -54 -75                                 | 026 -56                                     |   |
|                 | 154 -57 -73                                 | 217 -55 -62 33 78                           | 197 -56 -67                                 | 268 -48 -66 32 85                           | 216 -53 -73                                 | 099 -56 -88                                 |   |
|                 | 169 -58 -73                                 | 243 -50 -55                                 | 201 -56 -66                                 | 302 -43 -64                                 | 236 -52 -72                                 | 120 -61 -85                                 |   |
|                 | 187 -56 -70                                 | 253 -49 -53                                 | 216 -55 -64 34 89                           | 369 -32 -61 32 72                           | 286 -45 -63 32 92                           | 187 -58 -71                                 |   |
|                 | 193 -57 -70                                 | 320 -35 -41                                 | 237 -51 -58 33 92                           | 409 -27 -57 32 74                           | 334 -38 -61                                 | 177 -63 -75                                 |   |
|                 | 243 -50 -62                                 | 332 -33 -38                                 | 265 -47 -51                                 | 422 -26 -51                                 | 423 -24 -57 32 70                           | 190 -60 -71                                 |   |
|                 | 266 -45 -57                                 | 382 -26 -29                                 | 304 -40 -43                                 | 430 -27 -37                                 | 444 -22 -56                                 | 198 -59 -69                                 | 100 -56 -88                                 |
|                 | 295 -41 -47                                 | 396 -24 -28                                 | 372 -28 -32                                 | 437 -27 -31                                 | 461 -21 -55                                 | 223 -54 -63                                 | 102 -56 -88                                 |
|                 | 329 -36 -41                                 | 492 -12 -22 32 50                           | 431 -21 -25                                 | 466 -23 -26 31 44                           | 482 -19 -38                                 | 233 -52 -60                                 | 112 -54 -87                                 |
|                 | 358 -31 -37                                 | 503 -11 -21                                 | 436 -21 -24                                 | 478 -21 -26                                 | 496 -19 -24 31 46                           | 238 -51 -59                                 | 165 -56 -88                                 |
|                 | a 393 -26 -40                               | 551 -7 -17                                  | 477 -15 -28 32 49                           | 490 -20 -26                                 | 514 -17 -21                                 | 290 -40 -57                                 | 179 -53 -79                                 |
|                 | n 405 -25 -32                               | 574 -7 -17                                  | 507 -12 -27 31 54                           | 515 -19 -39                                 | 531 -16 -46                                 | 295 -39 -55                                 | 200 -56 -77                                 |
|                 | t 422 -23 -30                               | 585 -7 -15                                  | 531 -11 -36                                 | 554 -16 -36 30 42                           | 588 -12 -34 31 46                           | 307 -38 -43                                 | 269 -49 -62                                 |
|                 | e 435 -22 -31                               | 594 -8 -24                                  | 551 -11 -31                                 | 600 30 34                                   | 600 31 37                                   | 329 -36 -43                                 | 382 -30 -52                                 |
|                 | 473 -16 -35                                 | 600 31 35                                   | 583 -10 -43 29 37                           | 635 -8 -32                                  | 639 -10 -32                                 | 342 -33 -41                                 | 489 -16 -43                                 |
|                 | 497 -14 -25                                 | 610 -7 -41 30 32                            | 600 -9 -38 29 37                            | 678 -6 -29                                  | 656 -9 -25 30 33                            | 402 -25 -28                                 | 517 -14 -43                                 |
|                 | P 511 -13 -27                               | 645 -4 -25                                  | 613 -7 -35                                  | 715 -4 -8                                   | 712 29 39                                   | 444 -20 -29                                 | 524 -14 -35                                 |
|                 | u 536 -12 -49                               | 662 -6 -8                                   | 624 -8 -15                                  | 731 -3 -8                                   | 736 -3 -10                                  | 481 -16 -19                                 | 531 -15 -22                                 |
|                 | n 562 -12 -44                               | 675 -5 -5                                   | 635 -8 -10                                  | 752 -4 -5                                   | 778 28 23                                   | 558 -8 -22                                  | 619 -4 -26                                  |
|                 | k 605 -10 -34                               | 683 27 29                                   | 647 -7 -8                                   | 800 29 21                                   | 800 30 29                                   | 643 -5 -8                                   | 631 -4 -27                                  |
|                 | t 616 -10 -33                               | 731 -1 -2                                   | 671 27 44                                   | 828 2 -1 29 19                              | 823 2 0 30 27                               | 659 -4 -35                                  | 656 -4 -12                                  |
|                 | e 637 -10 -18                               | 767 1 0                                     | 751 1 -3                                    | 896 7 0 30 19                               | 835 2 1                                     | 676 -3 -33                                  | 699 -1 -13                                  |
|                 | 647 -9 -15                                  | 800 29 24                                   | 773 2 -1                                    | 910 30 20                                   | 848 3 2                                     | 682 -3 -36                                  | 708 -1 -34                                  |
|                 | 669 -7 -13                                  | 804 4 0 29 23                               | 786 28 38                                   | 921 9 2                                     | 900 6 4                                     | 693 -6 -7                                   | 724 0 -25                                   |
|                 | 707 -5 -10                                  | 854 7 3                                     | 800 29 36                                   | 925 9 2 30 20                               | 901 7 4 29 23                               | 737 -2 -4                                   | 738 -2 -19                                  |
|                 | 754 -1 -10                                  | 882 7 5                                     | 804 3 2                                     | 946 9 6                                     | 921 7 4 29 23                               | 791 1 -1                                    | 745 -4 -7                                   |
|                 | 773 0 -10                                   | 884 29 17                                   | 822 4 3                                     | 965 10 8                                    | 925 8 4 28 21                               | 804 2 1                                     | 854 4 1                                     |
|                 | 800 2 -8                                    | 925 10 8 29 18                              | 866 9 29 31                                 | 971 10 9                                    | 962 10 6                                    | 850 8 1                                     | 877 5 0                                     |
|                 | 821 2 -6                                    | 937 29 18                                   | 905 9 8 29 24                               | 983 9 8 29 24                               | 983 9 8 28 18                               | 915 8 8                                     | 889 5 1                                     |
|                 | 912 8 4                                     | 979 13 11                                   | 925 11 9 29 24                              | 989 29 24                                   | 005 9 8 25 6                                | 925 9 8                                     | 925 9 7                                     |
|                 | 925 9 5                                     | 985 13 12 25 2                              | 965 13 11 29 4                              | 014 11 7 24 9                               |   | 935 9 9                                     | 932 9 7                                     |
|                 | 959 10 7                                    |   |   |   |   | 968 8 8 18 4                                | 014 16 10 28 11                             |
|                 | 967 9 7 29 4                                |   |   |   |   |   |   |
| Tropo-<br>pause | 193 -57 -70                                 | 192 -60 -68 32 72                           | 160 -62 -78 31 46                           | 247 -51 -70 32 81                           | 101 -56 -88<br>206 -54 -75                  | 177 -63 -75                                 | 200 -56 -77                                 |
| Max-<br>wind    |   | 217 -55 -62 33 78                           | 237 -51 -58 33 92                           | 268 -48 -66 32 85                           | 286 -45 -63 32 92                           |   |   |
| 30/50           | 0326  | 0326  | 0327  | 0327  | 0328  | 0325  |   |
| 50/100          | 0444  | 0442  | 0441  | 0447  | 0443  | 0442  |   |
| 100/200         | 0439  | 0434  | 0436  | 0448  | 0445  | 0434  | 0443  |
| 200/500         | 0636  | 0637  | 0635  | 0629  | 0630  | 0635  | 0630  |
| 500/1000        | 0548  | 0555  | 0553  | 0546  | 0546  | 0552  | 0552  |



