



Deutscher Wetterdienst

## Wetterdaten Deutschland

Tägliche Beobachtungen und Messungen der Wetterstationen des DWD

## Weather data Germany

Daily observations and measurements of meteorological stations of the DWD

## Données météorologiques Allemagne

Observations et mesures quotidiennes de stations météorologiques du DWD

## Datos meteorológicos Alemania

Observaciones y mediciones diarias de estaciones del DWD

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Volume 3  
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**Donnerstag**  
**Thursday**  
**Juevi**  
**Jueves** 29.05.1997

Nummer  
Number 149  
Número  
Número

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# Wetterdaten Deutschland

Beobachtungen und Messungen der Wetterstationen des DWD

Jahrgang 3

DONNERSTAG den 29. Mai

1997

Nummer 149

| Station              | Höhe | lll | llhVV | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRr | 7wwWW | 8NCCC | ff-ff |
|----------------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |      | Rx  |       |       | n     | nddd  |       |       | R     | 12    | hLMH  | xx gg |
| Helgoland            | 4    | 015 | 32470 | 83015 | 10087 | 20070 | 40286 | 58002 |       |       | 876// |       |
| List/Sylt            | 26   | 020 | 32370 | 43214 | 10084 | 20054 | 40279 | 52001 |       |       | 84500 |       |
| Leck                 | 7    | 022 | 32475 | 73108 | 10091 | 20069 | 40278 | 51002 |       |       | 875// |       |
| Husum                | 28   | 026 | 32370 | 73105 | 10084 | 20077 | 40275 | 51001 |       |       | 876// |       |
| Glücksburg/Meierwik  | 27   | 033 | 42380 | 52911 | 10089 | 20076 | 40275 | 52003 |       |       | 83601 |       |
| Schleswig            | 43   | 035 | 32360 | 73010 | 10081 | 20075 | 40278 | 52002 |       |       | 876// |       |
| Hohn                 | 12   | 038 | 42780 | 52908 | 10077 | 20057 | 40273 | 54000 |       |       | 81501 |       |
| Kiel-Holtenau        | 31   | 046 | 42980 | 42905 | 10075 | 20057 | 40268 | 52002 |       |       | 80001 |       |
| Westermarkelsdorf    | 3    | 055 | 32970 | 43007 | 10111 | 20111 | 40255 | 57002 |       |       | 80008 |       |
| Arkona               | 42   | 091 | 32982 | 13008 | 10100 | 20071 | 40255 | 58002 |       |       | 80001 |       |
| Norderney            | 11   | 113 | 32365 | 83410 | 10083 | 20066 | 40296 | 57005 |       |       | 886// |       |
| Bremerhaven          | 7    | 129 | 32475 | 83210 | 10097 | 20076 | 40291 | 51001 |       |       | 875// |       |
| Cuxhaven             | 5    | 131 | 32468 | 73109 | 10097 | 20077 | 40288 | 51002 |       |       | 872// |       |
| Hamburg, Flugh.      | 16   | 147 | 32981 | 22804 | 10090 | 20072 | 40280 | 56002 |       |       | 80001 |       |
| Lübeck-Blankensee    | 14   | 156 | 36760 | 2604  | 10086 | 20069 | 40269 | 55000 |       |       |       |       |
| Boltenhagen          | 15   | 161 | 32580 | 52812 | 10100 | 20087 | 40262 | 57004 |       |       | 85200 |       |
| Schwerin             | 59   | 162 | 32770 | 42708 | 10101 | 20077 | 40267 | 55001 |       |       | 84500 |       |
| Rostock-Warnemünde   | 4    | 170 | 32580 | 72305 | 10110 | 20068 | 40254 | 58003 |       |       | 82231 |       |
| Teterow              | 46   | 177 | 36760 | 2304  | 10077 | 20063 | 40261 | 57001 |       |       |       |       |
| Bärth                | 7    | 180 | 36760 | 2104  | 10092 | 20073 | 40258 | 58002 |       |       |       |       |
| Greifswald           | 2    | 184 | 32980 | 02405 | 10079 | 20045 | 40256 | 58002 |       |       |       |       |
| Ueckermünde          | 1    | 193 | 36759 | 2304  | 10074 | 20049 | 40261 | 56002 |       |       |       |       |
| Emden-Hafen          | 5    | 203 | 36759 | 3205  | 10086 | 20065 | 40297 | 57003 |       |       |       |       |
| Oldenburg            | 11   | 215 | 32360 | 73506 | 10086 | 20076 | 40293 | 58001 |       |       | 876// |       |
| Bremen, Flugh.       | 3    | 224 | 32464 | 73006 | 10090 | 20067 | 40287 | 53001 |       |       | 876// |       |
| Soltau               | 77   | 235 | 367// | 33003 | 10077 | 20067 | 40282 | 58001 |       |       |       |       |
| Boizenburg           | 45   | 249 | 16760 | 2907  | 10095 | 20078 | 40279 | 55000 | 69901 |       |       |       |
| Lüchow               | 17   | 253 | 367// | 2302  | 10085 | 20069 | 40273 | 52001 |       |       |       |       |
| Seehausen            | 21   | 261 | 36760 | 2505  | 10066 | 20055 | 40277 | 52003 |       |       |       |       |
| Marnitz              | 81   | 264 | 36760 | 2406  | 10087 | 20057 | 40269 | 56001 |       |       |       |       |
| Neuruppin            | 38   | 270 | 32970 | 12702 | 10061 | 20036 | 40272 | 52002 |       |       | 80001 |       |
| Neubrandenburg       | 81   | 280 | 32980 | 22405 | 10070 | 20064 | 40262 | 58001 |       |       | 80001 |       |
| Angermünde           | 56   | 291 | 32975 | 12705 | 10065 | 20047 | 40263 | 53001 |       |       | 80001 |       |
| Lingen               | 24   | 305 | 367// | 32022 | 10074 | 20070 | 40296 | 51004 |       |       |       |       |
| Münster/Osnabrück    | 48   | 315 | 32980 | 13403 | 10081 | 20062 | 40292 | 51005 |       |       | 80001 |       |
| Osnabrück            | 95   | 317 | 36760 | 3604  | 10082 | 20070 | 40297 | 51006 |       |       |       |       |
| Diepholz             | 39   | 321 | 31256 | 83603 | 10080 | 20069 | 40297 | 51006 |       | 71011 | 876// |       |
| Bad Salzflen         | 135  | 325 | 36760 | 2601  | 10081 | 20056 | 40293 | 51005 |       |       |       |       |
| Hannover, Flugh.     | 56   | 338 | 32980 | 22806 | 10074 | 20056 | 40284 | 52004 |       |       | 80001 |       |
| Braunschweig         | 81   | 348 | 32970 | 23003 | 10086 | 20056 | 40282 | 52007 |       |       | 80001 |       |
| Gardelegen           | 47   | 359 | 36760 | 2103  | 10062 | 20050 | 40274 | 51003 |       |       |       |       |
| Magdeburg            | 79   | 361 | 32675 | 23104 | 10066 | 20060 | 40279 | 52004 |       |       | 82500 |       |
| Potsdam              | 81   | 379 | 32980 | 02705 | 10067 | 20059 | 40275 | 52005 |       |       |       |       |
| Berlin-Dahlem        | 51   | 381 | 32982 | 02905 | 10052 | 20046 | 40268 | 51003 |       |       |       |       |
| Berlin-Tegel,Flugh.  | 37   | 382 | 32980 | 10000 | 10059 | 20045 | 40266 | 53005 |       |       | 80001 |       |
| Berlin-Temp.,Flugh.  | 50   | 384 | 32982 | 02501 | 10076 | 20055 | 40272 | 52004 |       |       |       |       |
| Berlin-Schönefeld    | 47   | 385 | 32983 | 02203 | 10054 | 20034 | 40266 | 53004 |       |       |       |       |
| Lindenberg           | 98   | 393 | 32970 | 03004 | 10059 | 20050 | 40266 | 51004 |       |       |       |       |
| Manschnow            | 12   | 396 | 36759 | 2804  | 10038 | 20031 | 40256 | 51003 |       |       |       |       |
| Düsseldorff, Flugh.  | 45   | 400 | 32980 | 20203 | 10076 | 20059 | 40295 | 52004 |       |       | 80001 |       |
| Bocholt              | 21   | 406 | 36748 | 0203  | 10078 | 20060 | 40294 | 51005 |       |       |       |       |
| Essen                | 152  | 410 | 367// | 0505  | 10104 | 20065 | 40297 | 53004 |       |       |       |       |
| Lüdenscheid          | 387  | 418 | 36760 | 0602  | 10079 | 20054 | 40291 | 53002 |       |       |       |       |
| Kahler Asten         | 839  | 427 | 32980 | 03610 | 10049 | 20037 | 48565 | 57001 |       |       |       |       |
| Bad Lippspringe      | 157  | 430 | 367// | 1502  | 10059 | 20047 | 40292 | 51005 |       |       |       |       |
| Kassel               | 231  | 438 | 32981 | 23401 | 10062 | 20049 | 40287 | 52005 |       |       | 80001 |       |
| Göttingen            | 167  | 444 | 36759 | 1101  | 10058 | 20047 | 40288 | 53003 |       |       |       |       |
| Leinefelde           | 356  | 449 | 367// | 3206  | 10097 | 20059 | 40281 | 51003 |       |       |       |       |
| Braunlage            | 607  | 452 | 16760 | 3406  | 10067 | 20046 | 40280 | 52001 | 69901 |       |       |       |
| Brocken              | 1142 | 453 | 11384 | 83610 | 10036 | 20034 | 48566 | 50001 | 69901 |       | 76086 | 887// |
| Artern               | 164  | 460 | 32984 | 00000 | 10072 | 20049 | 40285 | 51006 |       |       |       |       |
| Leipzig-Schkeuditz   | 144  | 469 | 32980 | 33306 | 10074 | 20041 | 40277 | 52005 |       |       | 83030 |       |
| Wittenberg           | 105  | 474 | 32980 | 03502 | 10064 | 20046 | 40274 | 51006 |       |       |       |       |
| Oschatz              | 150  | 480 | 32982 | 13303 | 10069 | 20056 | 40276 | 51008 |       |       | 81030 |       |
| Dresden-Klotzsche    | 230  | 488 | 32968 | 03003 | 10067 | 20059 | 40274 | 51009 |       |       |       |       |
| Doberlug-Kirchhain   | 97   | 490 | 11975 | 03004 | 10049 | 20034 | 40273 | 51007 | 69901 |       | 70251 |       |
| Cottbus              | 69   | 496 | 32982 | 02102 | 10044 | 20037 | 40266 | 51005 |       |       |       |       |
| Görlitz              | 237  | 499 | 32964 | 02902 | 10053 | 20043 | 40264 | 51008 |       |       |       |       |
| Aachen               | 202  | 501 | 31956 | 01401 | 10083 | 20056 | 40292 | 51002 |       | 71000 |       |       |
| Nörvenich            | 118  | 502 | 42970 | 02606 | 10079 | 20042 | 40295 | 53001 |       |       |       |       |
| Nürnberg/Barweiler   | 485  | 506 | 32985 | 10000 | 10060 | 20031 | 40294 | 51001 |       |       | 80001 |       |
| Köln/Bonn, Flugh.    | 91   | 513 | 31980 | 01301 | 10054 | 20042 | 40289 | 53003 |       | 71100 |       |       |
| Mendig               | 182  | 514 | 42965 | 02203 | 10061 | 20037 | 40294 | 52003 |       |       |       |       |
| Bendorf              | 127  | 515 | 36760 | 00000 | 10076 | 20061 | 40289 | 51003 |       |       |       |       |
| Bad Marienberg       | 547  | 526 |       |       |       |       |       |       |       |       |       |       |
| Giessen              | 186  | 532 | 32970 | 00000 | 10067 | 20052 | 40298 | 51005 |       |       |       |       |
| Bad Hersfeld         | 273  | 542 | 36760 | 0301  | 10047 | 20046 | 40298 | 52004 |       |       |       |       |
| Wasserkuppe          | 921  | 544 | 32980 | 03609 | 10056 | 20033 | 48568 | 51004 |       |       |       |       |
| Meiningen            | 450  | 548 | 32980 | 00000 | 10069 | 20039 | 40291 | 53003 |       |       |       |       |
| Schmücke             | 937  | 552 | 167// | 0205  | 10050 | 20026 | 48565 | 51001 | 69901 |       |       |       |
| Erfurt-Bindersleben  | 315  | 554 | 32786 | 42302 | 10075 | 20038 | 40284 | 52005 |       |       | 84500 |       |
| Neuhaus a.R.         | 845  | 557 | 32485 | 10207 | 10051 | 20034 | 48558 | 50000 |       |       | 81500 |       |
| Gera-Leumnitz        | 311  | 567 | 32981 | 12903 | 10067 | 20043 | 40275 | 51004 |       |       | 80001 |       |
| Chemnitz             | 418  | 577 | 11581 | 42903 | 10062 | 20045 | 40277 | 51004 | 69901 |       | 70381 | 84100 |
| Fichtelberg          | 1213 | 578 | 11000 | 93213 | 10021 | 20019 | 48548 | 50002 | 69931 |       | 74764 | 25 38 |
| Zinnwald-Georg.      | 877  | 582 | 36757 | 3510  | 10042 | 20035 | 48545 | 51006 |       |       |       |       |
| Lichtenhain/Mittelnd | 300  | 591 | 36760 | 3205  | 10061 | 20049 | 40270 | 51009 |       |       |       |       |
| Trier-Petrisberg     | 265  | 609 | 32980 | 00403 | 10084 | 20054 | 40285 | 50001 |       |       |       |       |
| Deuselbach           | 480  | 615 |       |       |       |       |       |       |       |       |       |       |
| Pferdsfeld           | 396  | 626 |       |       |       |       |       |       |       |       |       |       |
| Kl.Feldberg/Ts.      | 805  | 635 | 36760 | 02027 | 10063 | 20037 | 48573 | 55000 |       |       |       |       |
| Frankfurt/M.,Flugh.  | 111  | 637 | 32978 | 00405 | 10060 | 20042 | 40288 | 52002 |       |       |       |       |
| Michelstadt/Vielbrun | 453  | 648 | 36760 | 0204  | 10076 | 20033 | 40292 | 51002 |       |       |       |       |
| Würzburg             | 268  | 655 | 32970 | 01602 | 10071 | 20049 | 40291 | 51003 |       |       |       |       |
| Bad Kissingen        | 262  | 658 | 36760 | 00000 | 10052 | 20040 | 40291 | 51004 |       |       |       |       |
| Coburg               | 322  | 671 | 36760 | 0902  | 10050 | 20033 | 40293 | 50003 |       |       |       |       |
| Bamberg              | 239  | 675 | 16760 | 00000 | 10037 | 20029 | 40293 | 50004 | 69921 |       |       |       |
| Hof                  | 567  | 685 | 11966 | 03006 | 10052 | 20043 | 40284 | 51004 | 69931 |       | 70181 |       |
| Weiden               | 438  | 688 | 11677 | 39903 | 10036 | 20020 | 40290 |       |       |       |       |       |

03 Uhr UTC

00-03

| Station              | Hoehe | iii | ihvV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 7www | 8NCCC | ff-ff |
|----------------------|-------|-----|-------|-------|-------|-------|-------|-------|------|-------|-------|
|                      |       | Rx  |       |       | n     | nddd  |       |       | 12   | hLMH  | xx gg |
| Helgoland            | 4     | 015 | 42470 | 82914 | 10085 | 20055 | 40280 | 58006 |      | 875// |       |
| List/Sylt            | 26    | 020 | 42470 | 73115 | 10083 | 20046 | 40271 | 56008 |      | 875// |       |
| Leck                 | 7     | 022 | 42575 | 83108 | 10079 | 20051 | 40273 | 57005 |      | 875// |       |
| Husum                | 28    | 026 | 42480 | 73007 | 10079 | 20061 | 40273 | 58002 |      | 875// |       |
| Glücksburg/Meierwik  | 27    | 033 | 42480 | 72812 | 10086 | 20064 | 40268 | 57007 |      | 875// |       |
| Schleswig            | 43    | 035 | 42365 | 72810 | 10081 | 20064 | 40274 | 58004 |      | 876// |       |
| Hohn                 | 12    | 038 | 42365 | 72708 | 10086 | 20059 | 40270 | 58003 |      | 876// |       |
| Kiel-Holtenau        | 31    | 046 | 42365 | 72907 | 10084 | 20066 | 40264 | 58004 |      | 8563/ |       |
| Westermarsdorf       | 3     | 055 | 42358 | 72917 | 10093 | 20093 | 40255 | 50000 |      | 82658 |       |
| Arkona               | 42    | 091 | 42483 | 82611 | 10087 | 20066 | 40247 | 58008 |      | 81157 |       |
| Norderney            | 11    | 113 | 42570 | 83010 | 10085 | 20060 | 40295 | 58001 |      | 875// |       |
| Bremerhaven          | 7     | 129 | 42575 | 83010 | 10091 | 20068 | 40288 | 58003 |      | 875// |       |
| Cuxhaven             | 5     | 131 | 42470 | 83010 | 10092 | 20066 | 40284 | 58004 |      | 875// |       |
| Hamburg, Flugh.      | 16    | 147 | 42368 | 83006 | 10089 | 20074 | 40279 | 58001 |      | 885// |       |
| Lübeck-Blankensee    | 14    | 156 | 46/58 | 72804 | 10079 | 20073 | 40268 | 57002 |      |       |       |
| Boltenhagen          | 15    | 161 | 42575 | 72913 | 10088 | 20076 | 40260 | 58002 |      | 86801 |       |
| Schwerin             | 59    | 162 | 42970 | 72608 | 10084 | 20071 | 40262 | 58005 |      | 8707/ |       |
| Rostock-Warnemünde   | 4     | 170 | 42580 | 32712 | 10101 | 20083 | 40250 | 56004 |      | 81101 |       |
| Teterow              | 46    | 177 | 46/60 | 72304 | 10071 | 20064 | 40255 | 58006 |      |       |       |
| Barth                | 7     | 180 | 46/59 | 72103 | 10076 | 20062 | 40251 | 58007 |      |       |       |
| Greifswald           | 2     | 184 | 42980 | 52505 | 10071 | 20055 | 40251 | 57005 |      | 82054 |       |
| Ueckermünde          | 1     | 193 | 46/59 | 72303 | 10062 | 20048 | 40256 | 58005 |      |       |       |
| Emden-Hafen          | 5     | 203 | 46/59 | 73405 | 10085 | 20063 | 40296 | 58001 |      |       |       |
| Oldenburg            | 11    | 215 | 42365 | 73306 | 10083 | 20061 | 40292 | 58001 |      | 876// |       |
| Bremen, Flugh.       | 3     | 224 | 42359 | 72908 | 10079 | 20063 | 40285 | 58002 |      | 876// |       |
| Soltau               | 77    | 235 | 46/// | 73004 | 10074 | 20065 | 40282 | 50000 |      |       |       |
| Bolzenburg           | 45    | 249 | 46/60 | 73009 | 10087 | 20083 | 40276 | 58003 |      |       |       |
| Lüchow               | 17    | 253 | 46/// | 72903 | 10081 | 20079 | 40272 | 56001 |      |       |       |
| Seehausen            | 21    | 261 | 46/60 | 72706 | 10075 | 20065 | 40273 | 58004 |      |       |       |
| Marnitz              | 81    | 264 | 46/60 | 72606 | 10079 | 20058 | 40263 | 56006 |      |       |       |
| Neuruppin            | 38    | 270 | 42968 | 22703 | 10056 | 20034 | 40267 | 58005 |      | 81041 |       |
| Neubrandenburg       | 81    | 280 | 42668 | 32208 | 10065 | 20061 | 40257 | 58005 |      | 81501 |       |
| Angermünde           | 58    | 291 | 42975 | 72709 | 10059 | 20046 | 40257 | 57006 |      | 80008 |       |
| Lingen               | 24    | 305 | 46/// | 73102 | 10081 | 20075 | 40293 | 56002 |      |       |       |
| Münster/Osnabrück    | 48    | 315 | 41020 | 63404 | 10064 | 20057 | 40294 | 51001 |      | 71011 | 86701 |
| Osnabrück            | 95    | 317 | 46/41 | 73103 | 10075 | 20070 | 40296 | 57001 |      |       |       |
| Diepholz             | 39    | 321 | 42358 | 83005 | 10075 | 20056 | 40299 | 53001 |      | 876// |       |
| Bad Salzflun         | 135   | 325 | 46/60 | 70102 | 10055 | 20045 | 40293 | 58002 |      |       |       |
| Hannover, Flugh.     | 56    | 338 | 41125 | 82804 | 10051 | 20041 | 40287 | 52002 |      | 71211 | 886// |
| Braunschweig         | 81    | 348 | 41350 | 72904 | 10072 | 20061 | 40285 | 51002 |      | 71011 | 876// |
| Gardellegen          | 47    | 359 | 46/60 | 72102 | 10059 | 20056 | 40272 | 58002 |      |       |       |
| Magdeburg            | 79    | 361 | 42675 | 42804 | 10064 | 20059 | 40277 | 57002 |      | 83501 |       |
| Potsdam              | 81    | 379 | 41975 | 22607 | 10062 | 20058 | 40270 | 58005 |      | 74011 | 81042 |
| Berlin-Dahlem        | 51    | 381 | 42875 | 32604 | 10042 | 20038 | 40263 | 58005 |      | 81504 |       |
| Berlin-Tegel, Flugh. | 37    | 382 | 42970 | 32702 | 10054 | 20039 | 40262 | 57004 |      | 80001 |       |
| Berlin-Temp., Flugh. | 50    | 384 | 42980 | 52201 | 10067 | 20049 | 40268 | 58004 |      | 80001 |       |
| Berlin-Schönefeld    | 47    | 385 | 41981 | 22404 | 10040 | 20028 | 40262 | 58004 |      | 71100 | 80001 |
| Lindenbergl          | 98    | 393 | 42958 | 52905 | 10051 | 20047 | 40266 | 58001 |      | 80006 |       |
| Manschnow            | 12    | 396 | 46/59 | 72003 | 10032 | 20028 | 40253 | 58003 |      |       |       |
| Düsseldorf, Flugh.   | 45    | 400 | 42980 | 13603 | 10061 | 20049 | 40292 | 58003 |      | 80001 |       |
| Bocholt              | 21    | 406 | 46/18 | 70102 | 10055 | 20045 | 40295 | 50000 |      |       |       |
| Essen                | 152   | 410 | 42959 | 40505 | 10082 | 20065 | 40294 | 57004 |      | 80001 |       |
| Lüdenscheid          | 387   | 418 | 46/32 | 70801 | 10065 | 20054 | 40292 | 58003 |      |       |       |
| Kahler Asten *       | 839   | 427 | 42973 | 10806 | 10039 | 20032 | 48563 | 54000 |      | 81041 |       |
| Bad Lippspringe      | 157   | 430 | 46/// | 70201 | 10041 | 20035 | 40295 | 50001 |      |       |       |
| Kassel               | 231   | 438 | 42972 | 20000 | 10044 | 20035 | 40289 | 50000 |      | 81031 |       |
| Göttingen            | 167   | 444 | 46/58 | 73501 | 10039 | 20034 | 40290 | 50001 |      |       |       |
| Leinefelde           | 356   | 449 | 46/// | 72303 | 10057 | 20050 | 40288 | 50000 |      |       |       |
| Braunlage            | 607   | 452 | 46/60 | 73105 | 10047 | 20040 | 40285 | 58002 |      |       |       |
| Brocken *            | 1142  | 453 | 41970 | 33115 | 10038 | 20034 | 48563 | 56002 |      | 70261 | 82041 |
| Artern               | 164   | 460 | 42980 | 00000 | 10052 | 20039 | 40287 | 50000 |      |       |       |
| Leipzig-Schkeuditz   | 144   | 469 | 42970 | 23105 | 10063 | 20038 | 40278 | 50001 |      | 80003 |       |
| Wittenberg           | 105   | 474 | 41965 | 33102 | 10039 | 20028 | 40275 | 50000 |      | 71200 | 80001 |
| Oschatz              | 150   | 480 | 42970 | 12404 | 10043 | 20037 | 40280 | 50002 |      | 80001 |       |
| Dresden-Klotzsche    | 230   | 488 | 41966 | 22705 | 10060 | 20054 | 40277 | 50002 |      | 71100 | 80001 |
| Doberlug-Kirchhain   | 97    | 490 | 41962 | 22503 | 10029 | 20017 | 40274 | 50000 |      | 71100 | 80002 |
| Cottbus              | 69    | 496 | 42980 | 22202 | 10031 | 20023 | 40268 | 50002 |      | 80004 |       |
| Görlitz              | 237   | 499 | 42962 | 02404 | 10038 | 20033 | 40270 | 51004 |      |       |       |
| Aachen               | 202   | 501 | 41940 | 02002 | 10065 | 20048 | 40290 | 58004 |      | 71000 |       |
| Nörvenich            | 118   | 502 | 42958 | 22504 | 10065 | 20039 | 40298 | 58002 |      |       |       |
| Nürnberg/Bamweiler   | 485   | 506 | 41957 | 12902 | 10048 | 20032 | 40296 | 56002 |      | 71000 | 80001 |
| Köln/Bonn, Flugh.    | 91    | 513 | 41967 | 11306 | 10042 | 20034 | 40288 | 58001 |      | 71100 | 80001 |
| Mendig               | 182   | 514 | 42960 | 11902 | 10031 | 20018 | 40298 | 53001 |      | 80001 |       |
| Bendorf              | 127   | 515 | 46/60 | 70000 | 10054 | 20052 | 40291 | 50001 |      |       |       |
| Bad Marienberg       | 547   | 526 |       |       |       |       |       |       |      |       |       |
| Giessen              | 186   | 532 | 42960 | 02802 | 10046 | 20041 | 40299 | 56001 |      |       |       |
| Bad Hersfeld         | 273   | 542 | 46/60 | 70201 | 10026 | 20025 | 40301 | 50000 |      |       |       |
| Wasserkuppe *        | 921   | 544 | 42970 | 20207 | 10052 | 20041 | 48567 | 58001 |      | 80001 |       |
| Meiningen            | 450   | 548 | 42980 | 20000 | 10037 | 20028 | 40294 | 58001 |      | 80001 |       |
| Schmücke *           | 937   | 552 | 46/// | 70203 | 10033 | 20022 | 48560 | 58002 |      |       |       |
| Erfurt-Bindersleben  | 315   | 554 | 42782 | 12503 | 10053 | 20040 | 40284 | 58003 |      | 81500 |       |
| Neuhaus a.R. *       | 845   | 557 | 42984 | 23303 | 10033 | 20024 | 48553 | 50000 |      | 80001 |       |
| Gera-Leumnitz        | 311   | 567 | 42980 | 02503 | 10043 | 20028 | 40282 | 51003 |      |       |       |
| Chemnitz             | 418   | 577 | 42964 | 12303 | 10049 | 20041 | 40283 | 50003 |      | 80001 |       |
| Fichtelberg *        | 1213  | 578 | 41/00 | 93311 | 10019 | 20017 | 48549 | 50002 |      | 74344 |       |
| Zinnwald-Georg. *    | 877   | 582 | 46/60 | 73409 | 10024 | 20011 | 48542 | 51002 |      |       |       |
| Lichtenhain/Mittelnd | 300   | 591 | 46/03 | 72801 | 10041 | 20035 | 40277 | 51004 |      |       |       |
| Trier-Petrisberg     | 265   | 609 | 42980 | 00402 | 10061 | 20046 | 40288 | 50000 |      |       |       |
| Deuselbach           | 480   | 615 |       |       |       |       |       |       |      |       |       |
| Pferdsfeld           | 399   | 626 |       |       |       |       |       |       |      |       |       |
| Kl.Feldberg/Ts. *    | 805   | 635 | 46/60 | 70707 | 10059 | 20041 | 48569 | 58004 |      |       |       |
| Frankfurt/M.,Flugh.  | 111   | 637 | 42975 | 10604 | 10041 | 20032 | 40289 | 58001 |      | 80001 |       |
| Michelstadt/Vielbrun | 453   | 648 | 46/60 | 70702 | 10069 | 20030 | 40289 | 58004 |      |       |       |
| Würzburg             | 268   | 655 | 42965 | 02701 | 10043 | 20033 | 40293 | 58001 |      |       |       |
| Bad Kissingen        | 262   | 658 | 46/60 | 70701 | 10037 | 20031 | 40292 | 58001 |      |       |       |
| Coburg               | 322   | 671 | 46/60 | 70703 | 10031 | 20019 | 40296 | 50001 |      |       |       |
| Bamberg              | 239   | 675 | 46/03 | 71502 | 10022 | 20018 | 40295 | 50000 |      |       |       |
| Hof                  | 567   | 685 | 42962 | 22703 | 10028 | 20021 | 40291 | 55000 |      | 80001 |       |
| Weiden               | 438   | 688 | 42563 | 32201 | 10029 | 20021 | 40288 | 58003 |      | 83800 |       |
| Berus                | 363   | 704 | 46/59 | 70309 | 10061 | 20035 | 40284 | 58002 |      |       |       |
| Tholey               | 396   | 706 | 46/60 | 70206 | 10067 | 20034 | 40284 | 58002 |      |       |       |
| Saarbrücken, Flugh.  | 322   | 708 | 42982 | 00506 | 10060 | 20033 | 40286 | 57002 |      |       |       |
| Weinbiet             | 553   | 724 | 46/60 | 70712 | 10073 | 20032 | 40277 | 58005 |      |       |       |
| Karlsruhe            | 112   | 727 | 46/60 | 70504 | 10057 | 20039 | 40283 | 58002 |      |       |       |
| Mannheim             | 96    | 729 | 42983 | 03605 | 10064 | 20044 | 40280 | 58005 |      |       |       |
| Stuttgart, Flugh.    | 396   | 738 | 42980 | 13102 | 10041 | 20025 | 40283 | 57002 |      | 80001 |       |
| Stuttgart/Schnarrenb | 314   | 739 | 42968 | 00102 | 10053 | 20032 | 40286 | 55000 |      |       |       |
| Öhringen             | 276   | 742 | 46/60 | 70704 | 10039 | 20028 | 40295 | 58005 |      |       |       |
| Weissenburg          | 422   | 761 | 46/60 | 72501 | 10023 | 20007 | 40296 | 55003 |      |       |       |
| Nürnberg             | 318   | 763 | 41970 | 11303 | 10025 | 20025 | 40290 | 57003 |      | 71100 | 80001 |
| Regensburg           | 366   | 776 | 42965 | 13602 | 10029 | 20025 | 40290 | 58004 |      | 81030 |       |
| Straubing            | 350   | 788 | 42981 | 02904 | 10049 | 20040 | 40285 | 56002 |      |       |       |
| Gr. Arber *          | 1437  | 791 |       |       |       |       |       |       |      |       |       |
| Freiburg             | 269   | 803 | 42682 | 10802 | 10107 | 20024 | 40260 | 58003 |      | 81500 |       |
| Lahr                 | 155   | 805 | 42986 | 12502 | 10056 | 20036 | 40271 | 50000 |      | 80001 |       |
| Freudenstadt *       | 797   | 815 | 46/57 | 70904 | 10029 | 20016 | 48551 | 58004 |      |       |       |
| Klippeneck *         | 973   | 818 | 46/// | 70923 | 10038 | 20017 | 48543 | 57008 |      |       |       |
| Stötten              | 734   | 836 | 42982 | 109   |       |       |       |       |      |       |       |

| Station              | Höhe     | ihVV  | Nddff | 1stTT | 2stTT | 4PPPP | 5pppp | 6RRRT | 7www  | 8NCC  | ff-ff | 1stTT | 2stTT | 3EstT | 4Ess  | 55SSS | 7RRRR |
|----------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      | iii      | Rx    |       | n     | nddd  |       |       | R     | 12    | hLMH  | xx    | gg    | nnxx  | nnnn  |       |       |       |
| Helgoland            | 4 015    | 32480 | 73016 | 10084 | 20049 | 40278 | 58002 |       |       | 875// |       |       | 10098 | 20082 | 30008 | 55133 | 70000 |
| List/Sylt            | 26 020   | 32482 | 73018 | 10085 | 20046 | 40263 | 56008 |       |       | 875// |       |       | 10119 | 20080 | 30007 | 55155 | 70000 |
| Leck                 | 7 022    | 32475 | 72913 | 10089 | 20050 | 40266 | 57007 |       |       | 875// |       |       | 10144 | 20071 | 30006 | 55147 | 70000 |
| Husum                | 28 026   | 32580 | 83211 | 10086 | 20050 | 40267 | 57006 |       |       | 875// |       |       | 10134 | 20079 | 31007 | 55132 | 70000 |
| Glücksburg/Meierwik  | 27 033   | 32480 | 72815 | 10090 | 20068 | 40260 | 58008 |       |       | 875// |       |       | 10153 | 20082 | 31006 | 55117 | 70000 |
| Schleswig            | 43 035   | 32480 | 72905 | 10085 | 20043 | 40266 | 57007 |       |       | 875// |       |       | 10156 | 20075 | 30007 | 55114 | 70000 |
| Hohn                 | 12 038   | 32580 | 72810 | 10093 | 20049 | 40265 | 57005 |       |       | 875// |       |       | 10151 | 20077 | 30007 | 55112 | 79999 |
| Kiel-Holtenau        | 31 046   | 32470 | 73010 | 10083 | 20045 | 40260 | 57004 |       |       | 875// |       |       | 10144 | 20079 | 31008 | 55128 | 70000 |
| Westermarkelsdorf    | 3 055    | 32472 | 82821 | 10091 | 20084 | 40251 | 58005 |       |       | 875// | 22 27 |       | 10136 | 20089 | 31008 | 55115 | 70000 |
| Arkona               | 42 091   | 32978 | 82816 | 10105 | 20080 | 40234 | 57013 |       |       | 84077 |       |       | 10123 | 20085 | 31008 | 55140 | 70000 |
| Norderney            | 11 113   | 32480 | 73112 | 10087 | 20053 | 40291 | 56004 |       |       | 875// |       |       | 10094 | 20080 | 30008 | 55069 | 70000 |
| Bremerhaven          | 7 129    | 32476 | 82812 | 10093 | 20068 | 40270 | 58005 |       |       | 875// |       |       | 10119 | 20088 | 31009 | 55139 | 70000 |
| Cuxhaven             | 5 131    | 32475 | 83010 | 10092 | 20054 | 40280 | 56004 |       |       | 875// |       |       | 10121 | 20092 | 30009 | 55149 | 70000 |
| Hamburg, Flugh.      | 16 147   | 32468 | 72707 | 10094 | 20068 | 40273 | 56006 |       |       | 878// |       |       | 10157 | 20086 | 31008 | 55114 | 79999 |
| Lübeck-Blankensee    | 14 156   | 32456 | 82907 | 10089 | 20066 | 40265 | 57003 |       |       | 875// |       |       | 10166 | 20072 | 31006 | 55102 | 70000 |
| Boitenhagen          | 15 161   | 32466 | 82816 | 10091 | 20070 | 40258 | 56002 |       |       | 878// |       |       | 10141 | 20085 | 30008 | 55127 | 70000 |
| Schwerin             | 59 162   | 32362 | 82909 | 10088 | 20073 | 40263 | 53001 |       |       | 876// | 25    |       | 10149 | 20080 | 31006 | 55104 | 70000 |
| Rostock-Warnemünde   | 4 170    | 32464 | 82920 | 10095 | 20074 | 40249 | 56001 |       |       | 875// |       |       | 10130 | 20095 | 31009 | 55138 | 79999 |
| Teterow              | 46 177   | 32259 | 82908 | 10090 | 20084 | 40251 | 56004 |       |       | 8567/ |       |       | 10143 | 20068 | 31004 | 55087 | 70000 |
| Barth                | 7 180    | 31456 | 82713 | 10101 | 20080 | 40245 | 56006 |       |       | 7102/ |       |       | 10149 | 20076 | 31007 | 55137 | 70000 |
| Greifswald           | 2 184    | 31350 | 82608 | 10095 | 20080 | 40238 | 57012 |       |       | 71011 |       |       | 10147 | 20070 | 31005 | 55126 | 70000 |
| Ueckermünde          | 1 193    | 32968 | 72406 | 10094 | 20080 | 40247 | 58009 |       |       | 8707/ |       |       | 10132 | 20061 | 31004 | 55101 | 70000 |
| Emden-Hafen          | 5 203    | 32470 | 82907 | 10089 | 20066 | 40287 | 56005 |       |       | 885// |       |       | 10117 | 20084 | 31009 | 55116 | 79999 |
| Oldenburg            | 11 215   | 32465 | 83007 | 10079 | 20052 | 40287 | 56005 |       |       | 885// |       |       | 10136 | 20079 | 31008 | 55088 | 70000 |
| Bremen, Flugh.       | 3 224    | 32467 | 82907 | 10081 | 20061 | 40282 | 58003 |       |       | 885// |       |       | 10143 | 20078 | 30008 | 55080 | 79999 |
| Soitze               | 77 235   | 32458 | 73005 | 10083 | 20063 | 40280 | 58002 |       |       | 875// |       |       | 10160 | 20068 | 30006 | 55087 | 79999 |
| Boizenburg           | 45 249   | 32460 | 82908 | 10092 | 20072 | 40275 | 55001 | 69902 |       | 885// |       |       | 10159 | 20080 | 31007 | 55080 | 79999 |
| Lüchow               | 17 253   | 32460 | 72808 | 10094 | 20079 | 40269 | 57003 |       |       | 875// |       |       | 10156 | 20074 | 31005 | 55080 | 79999 |
| Seehausen            | 21 261   | 31457 | 82809 | 10088 | 20075 | 40271 | 58002 |       |       | 710// |       |       | 10148 | 20056 | 31005 | 55074 | 79999 |
| Marnitz              | 81 264   | 32460 | 72809 | 10087 | 20068 | 40260 | 56002 |       |       | 872// |       |       | 10142 | 20075 | 31003 | 55088 | 70001 |
| Neuruppin            | 38 270   | 32459 | 60706 | 10086 | 20070 | 40262 | 57004 |       |       | 86100 |       |       | 10135 | 20051 | 31003 | 55068 | 70012 |
| Neubrandenburg       | 81 280   | 32460 | 82907 | 10093 | 20089 | 40247 | 56009 |       |       | 81207 |       |       | 10135 | 20062 | 31004 | 55102 | 79999 |
| Angermünde           | 56 291   | 32972 | 82607 | 10099 | 20070 | 40249 | 58004 |       |       | 81037 |       |       | 10130 | 20058 | 31002 | 55095 | 70000 |
| Lingen               | 24 305   | 32458 | 83004 | 10084 | 20068 | 40291 | 56002 |       |       | 875// |       |       | 10159 | 20073 | 31006 | 55056 | 70000 |
| Münster/Osnabrück    | 48 315   | 31158 | 83304 | 10072 | 20066 | 40293 | 55000 |       |       | 886// |       |       | 10167 | 20047 | 31001 | 55060 | 79999 |
| Osnabrück            | 95 317   | 11360 | 72904 | 10070 | 20064 | 40295 | 57001 | 69902 | 70141 | 876// |       |       | 10169 | 20065 | 31005 | 55077 | 79999 |
| Diepholz             | 39 321   | 32465 | 83005 | 10080 | 20056 | 40293 | 56005 |       |       | 876// |       |       | 10156 | 20073 | 31006 | 55054 | 79999 |
| Bad Salzfluten       | 135 325  | 31128 | 83104 | 10078 | 20071 | 40291 | 50000 |       |       | 7102/ |       |       | 10154 | 20052 | 31003 | 55063 | 70000 |
| Hannover, Flugh.     | 56 338   | 31245 | 82707 | 10065 | 20057 | 40283 | 58003 |       |       | 71022 |       |       | 10160 | 20050 | 31002 | 55070 | 70000 |
| Braunschweig         | 81 348   | 32460 | 82906 | 10073 | 20067 | 40284 | 55001 |       |       | 71041 |       |       | 10155 | 20070 | 31003 | 55066 | 79999 |
| Gardlegen            | 47 359   | 32460 | 72910 | 10071 | 20067 | 40272 | 54000 |       |       | 876// |       |       | 10157 | 20047 | 31003 | 55062 | 70006 |
| Magdeburg            | 79 361   | 32470 | 42705 | 10092 | 20078 | 40273 | 58003 |       |       | 81131 |       |       | 10150 | 20056 | 31004 | 55059 | 70000 |
| Potsdam              | 81 379   | 32780 | 32607 | 10082 | 20070 | 40264 | 58005 |       |       | 82841 |       |       | 10121 | 20057 | 31004 | 55082 | 70018 |
| Berlin-Dahlem        | 51 381   | 32780 | 32607 | 10084 | 20066 | 40258 | 58004 |       |       | 83541 |       |       | 10137 | 20040 | 31003 | 55066 | 70003 |
| Berlin-Tegel, Flugh. | 37 382   | 32975 | 52608 | 10098 | 20064 | 40255 | 58006 |       |       | 83031 |       |       | 10139 | 20058 | 31001 | 55073 | 79999 |
| Berlin-Temp., Flugh. | 50 384   | 32880 | 52607 | 10110 | 20063 | 40262 | 58005 |       |       | 81581 |       |       | 10141 | 20037 | 31001 | 55061 | 70004 |
| Berlin-Schönefeld    | 47 385   | 32780 | 32506 | 10091 | 20072 | 40258 | 58003 |       |       | 80008 |       |       | 10137 | 20050 | 31003 | 55074 | 79999 |
| Lindenberg           | 98 393   | 32962 | 52705 | 10084 | 20063 | 40262 | 58002 |       |       | 80004 |       |       | 10132 | 20027 | 30000 | 55053 | 70002 |
| Manschnow            | 12 396   | 32962 | 62403 | 10091 | 20068 | 40249 | 58004 |       |       | 80001 |       |       | 10165 | 20058 | 31003 | 55037 | 70000 |
| Düsseldorf, Flugh.   | 45 400   | 32969 | 30203 | 10094 | 20085 | 40294 | 52003 |       |       | 80001 |       |       | 10164 | 20044 | 31001 | 55069 | 70000 |
| Bocholt              | 21 406   | 31540 | 80103 | 10070 | 20068 | 40295 | 53001 |       |       | 71022 |       |       | 10167 | 20047 | 31001 | 55042 | 79999 |
| Essen                | 152 410  | 32958 | 20603 | 10095 | 20077 | 40294 | 53001 |       |       | 80001 |       |       | 10096 | 20037 | 31001 | 55021 | 70006 |
| Lüdenscheid          | 387 418  | 31957 | 20901 | 10076 | 20066 | 40286 | 56001 |       |       | 710// |       |       | 10152 | 20032 | 31001 | 55033 | 79999 |
| Kahler Asten         | 839 427  | 32973 | 42904 | 10067 | 20052 | 48569 | 56002 |       |       | 80001 |       |       | 10147 | 20043 | 30000 | 55045 | 79999 |
| Bad Lippspringe      | 157 430  | 31957 | 61801 | 10071 | 20067 | 40290 | 56002 |       |       | 7101/ |       |       | 10152 | 20029 | 30001 | 55055 | 70007 |
| Kassel               | 231 438  | 32970 | 60000 | 10062 | 20047 | 40287 | 50000 |       |       | 83032 |       |       | 10126 | 20048 | 31002 | 55047 | 70011 |
| Göttingen            | 167 444  | 32965 | 52301 | 10060 | 20056 | 40287 | 58001 |       |       | 83031 |       |       | 10109 | 20033 | 31001 | 55041 | 70012 |
| Leinefelde           | 67 452   | 32962 | 32603 | 10080 | 20074 | 40281 | 58002 |       |       | 82032 |       |       | 10052 | 20031 | 31001 | 55036 | 70023 |
| Braunlage            | 607 452  | 32961 | 62504 | 10084 | 20072 | 40281 | 57004 | 69902 | 70161 | 82046 |       |       | 10045 | 20031 | 31002 | 55037 | 70024 |
| Brocken              | 1142 453 | 11980 | 42818 | 10042 | 20011 | 48561 | 57004 | 69902 | 70161 | 81036 |       |       | 10136 | 20051 | 31002 | 55064 | 70018 |
| Artern               | 164 460  | 32980 | 50000 | 10068 | 20054 | 40284 | 58001 |       |       | 80002 |       |       | 10144 | 20037 | 31002 | 55062 | 70006 |
| Leipzig-Schkeuditz   | 144 469  | 32972 | 32504 | 10089 | 20055 | 40278 | 50001 |       |       | 83501 |       |       | 10119 | 20040 | 31001 | 55066 | 70003 |
| Wittenberg           | 105 474  | 32665 | 42403 | 10085 | 20062 | 40269 | 58003 |       |       | 80001 |       |       | 10121 | 20048 | 31002 | 55065 | 79999 |
| Oschatz              | 150 480  | 32961 | 22303 | 10082 | 20074 | 40278 | 53001 |       |       | 80002 |       |       | 10128 | 20025 | 31101 | 55072 | 70006 |
| Dresden-Klotzsche    | 230 488  | 32968 | 32405 | 10081 | 20072 | 40276 | 53002 |       |       | 80002 |       |       | 10135 | 20029 | 31001 | 55058 | 79999 |
| Dobbertin-Kirchhain  | 97 490   | 12970 | 42605 | 10077 | 20065 | 40273 | 50001 | 69902 |       | 80002 |       |       | 10101 | 20028 | 31001 | 55034 | 70013 |
| Cottbus              | 69 496   | 32982 | 72205 | 10083 | 20075 | 40267 | 50001 |       |       | 80002 |       |       | 10137 | 20060 | 30003 | 55047 | 70000 |
| Görlitz              | 237 499  | 32968 | 22603 | 10072 | 20064 | 40269 | 50003 |       |       | 80001 |       |       | 10155 | 20060 | 30003 | 55042 | 70000 |
| Aachen               | 202 501  | 32960 | 60000 | 10075 | 20067 | 40292 | 53003 |       |       | 80001 |       |       | 10116 | 20032 | 30001 | 55033 | 70000 |
| Nörvenich            | 118 502  | 31957 | 49901 | 10107 | 20071 | 40299 | 53004 |       |       | 70500 |       |       | 10162 | 20036 | 30002 | 55033 | 70000 |
| Nürnberg/Barweiler   | 485 506  | 32959 | 40000 | 10066 | 20046 | 40289 | 56001 |       |       | 80001 |       |       | 10140 | 20030 | 30001 | 55//  | 70000 |
| Köln/Bonn, Flugh.    | 91 513   | 32968 | 51502 | 10066 | 20060 | 40290 | 53003 |       |       | 80001 |       |       | 10159 | 20047 | 30003 | 55062 | 70000 |
| Mendig               | 182 514  | 32959 | 60901 | 10094 | 20075 | 40293 | 50001 |       |       | 81101 |       |       | 10113 | 20068 | 30003 | 55067 | 70000 |
| Bendorf              | 127 515  | 32362 | 21801 | 10063 | 20063 | 40293 | 53002 |       |       | 80002 |       |       | 10159 | 20041 | 30002 | 55046 | 70000 |
| Bad Marienberg       | 547 526  | 32978 | 50903 | 10101 | 20062 | 40285 | 55000 |       |       | 80001 |       |       | 10133 | 20019 | 30100 | 55025 | 79    |

| 09 Uhr UTC          |          |       |       |       |       |       |       |       |        |       |       |       |       | 06-09 V.T. |      |      |      | 18-06 Erdboden temp. |  |  |  |
|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|------------|------|------|------|----------------------|--|--|--|
|                     |          |       |       |       |       |       |       |       |        |       |       |       |       | 07 Uhr UTC |      |      |      | 05 10 20 50          |  |  |  |
| Station             | Höhe     | lll   | llhVV | Nddff | 1stTT | 2stTT | 4PPPP | 5appp | 7wwWW  | 8NCCC | ff-ff | 2stTT | 5ssst | stTT       | stTT | stTT | stTT |                      |  |  |  |
|                     |          | Rx    |       | n     | n     | n     | n     | n     | 12     | hLMH  | xx gg | nmm   | R     | n          | n    | n    | n    |                      |  |  |  |
| Helgoland           | 4 015    | 42480 | 72917 | 10092 | 20062 | 40271 | 58007 |       | 878//  |       |       | 20101 |       |            |      |      |      |                      |  |  |  |
| List/Sylt           | 26 020   | 42480 | 82821 | 10098 | 20055 | 40252 | 58011 |       | 878//  | 22 27 | 20105 |       |       | 0108       | 0114 | 0121 | 0113 |                      |  |  |  |
| Leck                | 7 022    | 42575 | 72916 | 10109 | 20060 | 40256 | 57009 |       | 8553// | 25    | 20112 |       |       | 0105       | 0110 | 0116 | 0118 |                      |  |  |  |
| Musum               | 28 026   | 42582 | 72814 | 10098 | 20059 | 40255 | 57012 |       | 8453// | 26    | 20121 |       |       | 0126       | 0125 | 0128 | 0121 |                      |  |  |  |
| Glücksburg/Meierwik | 27 033   | 42580 | 72819 | 10103 | 20060 | 40255 | 57012 |       | 8783// |       | 20116 |       |       | 0107       | 0111 | 0120 | 0121 |                      |  |  |  |
| Schleswig           | 43 035   | 42468 | 72915 | 10108 | 20063 | 40255 | 57012 |       | 8583// |       | 20106 |       |       | 0116       | 0122 | 0123 | 0131 |                      |  |  |  |
| Hohn                | 12 038   | 42480 | 72715 | 10114 | 20053 | 40254 | 57011 |       | 8587// |       | 20125 |       |       | 0122       | 0122 | 0126 | 0123 |                      |  |  |  |
| Kiel-Holtenau       | 31 046   | 42570 | 72810 | 10102 | 20050 | 40248 | 58011 |       | 8557// | 22 27 | 20111 |       |       | 0108       | 0114 | 0123 | 0126 |                      |  |  |  |
| Westermarskeldorf   | 3 055    | 42472 | 72720 | 10098 | 20079 | 40237 | 58013 |       | 875//  | 25 31 | 20103 |       |       | 0118       | 0119 | 0124 | 0118 |                      |  |  |  |
| Arkona              | 42 091   | 42575 | 72824 | 10089 | 20058 | 40224 | 58010 |       | 875//  |       | 20097 |       |       | 0120       | 0119 | 0130 | 0131 |                      |  |  |  |
| Norderney           | 11 113   | 42480 | 73012 | 10097 | 20061 | 40286 | 56005 |       | 878//  |       | 20112 |       |       |            |      |      |      |                      |  |  |  |
| Bremerhaven         | 7 129    | 42481 | 73113 | 10102 | 20065 | 40278 | 57004 |       | 878//  |       | 20112 |       |       | 0129       | 0132 | 0143 | 0145 |                      |  |  |  |
| Cuxhaven            | 5 131    | 42481 | 72811 | 10100 | 20060 | 40273 | 58007 |       | 8683// |       | 20124 |       |       | 0118       | 0123 | 0134 | 0134 |                      |  |  |  |
| Lübeck-Flugh.       | 16 147   | 42480 | 72910 | 10105 | 20050 | 40263 | 58009 |       | 8553// |       | 20123 |       |       | 0122       | 0125 | 0138 | 0140 |                      |  |  |  |
| Lübeck-Blankensee   | 14 156   | 42580 | 72808 | 10113 | 20064 | 40251 | 58013 |       | 8227// | 26    | 20116 |       |       | 0114       | 0116 | 0125 | 0123 |                      |  |  |  |
| Boitenhagen         | 15 161   | 42480 | 82719 | 10106 | 20067 | 40246 | 58012 |       | 8527// |       | 20119 |       |       | 0109       | 0111 | 0121 | 0126 |                      |  |  |  |
| Schwefeln           | 52 162   | 42468 | 82712 | 10104 | 20063 | 40251 | 58011 |       | 8552// | 24 28 | 20117 |       |       | 0106       | 0115 | 0123 | 0129 |                      |  |  |  |
| Rostock-Warnemünde  | 4 170    | 42564 | 82922 | 10098 | 20055 | 40237 | 58012 |       | 8652// |       | 20102 |       |       |            |      |      |      |                      |  |  |  |
| Teterow             | 46 177   | 42470 | 82711 | 10100 | 20078 | 40241 | 58009 |       | 872//  | 21 31 | 20110 |       |       | 0117       | 0119 | 0126 | 0121 |                      |  |  |  |
| Barth               | 7 180    | 42562 | 82619 | 10095 | 20052 | 40234 | 58011 |       | 885//  | 27    | 20104 |       |       | 0121       | 0119 | 0124 | 0136 |                      |  |  |  |
| Greifswald          | 2 184    | 42465 | 82815 | 10102 | 20059 | 40231 | 57007 |       | 875//  |       | 20106 |       |       | 0126       | 0128 | 0133 | 0130 |                      |  |  |  |
| Ueckermünde         | 1 193    | 41575 | 72512 | 10123 | 20096 | 40233 | 56013 |       | 875//  |       | 20106 |       |       | 0116       | 0120 | 0131 | 0137 |                      |  |  |  |
| Emden-Hafen         | 5 203    | 42470 | 72911 | 10104 | 20055 | 40288 | 58004 |       | 85501  |       | 20115 |       |       | 0116       | 0118 | 0131 | 0136 |                      |  |  |  |
| Oldenburg           | 11 215   | 42773 | 73010 | 10110 | 20050 | 40282 | 57006 |       | 885//  |       | 20118 |       |       | 0121       | 0126 | 0134 | 0139 |                      |  |  |  |
| Bremen, Flugh.      | 3 224    | 42468 | 83008 | 10091 | 20059 | 40279 | 57003 |       | 878//  |       | 20119 |       |       | 0111       | 0112 | 0123 | 0137 |                      |  |  |  |
| Soltau              | 77 235   | 42460 | 72806 | 10090 | 20059 | 40278 | 56002 |       | 8553// |       | 20126 |       |       | 0126       | 0130 | 0140 | 0141 |                      |  |  |  |
| Boizenburg          | 45 249   | 42565 | 72714 | 10105 | 20068 | 40265 | 57010 |       | 885//  |       | 20110 |       |       | 0116       | 0114 | 0121 | 0129 |                      |  |  |  |
| Luchow              | 17 253   | 42465 | 82807 | 10106 | 20074 | 40264 | 58005 |       | 872//  |       | 20102 |       |       | 0111       | 0112 | 0119 | 0134 |                      |  |  |  |
| Seehausen           | 21 261   | 42570 | 82714 | 10114 | 20068 | 40263 | 58007 |       | 874//  |       | 20098 |       |       | 0108       | 0106 | 0114 | 0125 |                      |  |  |  |
| Marnitz             | 81 264   | 42468 | 82709 | 10104 | 20065 | 40252 | 58008 |       | 871//  |       | 20100 |       |       | 0101       | 0098 | 0111 | 0130 |                      |  |  |  |
| Neuruppin           | 38 270   | 42459 | 80607 | 10107 | 20075 | 40255 | 58007 |       | 872//  |       | 20110 |       |       | 0102       | 0100 | 0102 | 0120 |                      |  |  |  |
| Neubrandenburg      | 81 280   | 42466 | 82718 | 10098 | 20093 | 40242 | 58005 |       | 82237  |       | 20095 |       |       | 0118       | 0106 | 0102 | 0131 |                      |  |  |  |
| Angermünde          | 56 291   | 42581 | 82716 | 10135 | 20087 | 40235 | 56014 |       | 875//  |       | 20118 |       |       | 0123       | 0128 | 0141 | 0150 |                      |  |  |  |
| Lingen              | 24 305   | 42462 | 73105 | 10095 | 20069 | 40290 | 56001 |       | 875//  |       | 20121 |       |       | 0126       | 0131 | 0142 | 0144 |                      |  |  |  |
| Münster/Osnabrück   | 48 315   | 42460 | 73107 | 10103 | 20063 | 40293 | 55000 |       | 875//  |       | 20122 |       |       | 0122       | 0126 | 0136 | 0137 |                      |  |  |  |
| Osnabrück           | 95 317   | 42465 | 73207 | 10100 | 20070 | 40289 | 56004 |       | 875//  |       | 20116 |       |       | 0120       | 0120 | 0130 | 0130 |                      |  |  |  |
| Diepholz            | 39 321   | 42568 | 83006 | 10099 | 20060 | 40290 | 56003 |       | 885//  |       | 20117 |       |       | 0112       | 0113 | 0126 | 0136 |                      |  |  |  |
| Bad Salzuflen       | 135 325  | 42362 | 82905 | 10092 | 20071 | 40288 | 55002 |       | 885//  |       | 20120 |       |       | 0113       | 0117 | 0126 | 0131 |                      |  |  |  |
| Hannover, Flugh.    | 56 338   | 42459 | 82810 | 10085 | 20055 | 40280 | 56003 |       | 886//  |       | 20128 |       |       | 0095       | 0099 | 0110 | 0128 |                      |  |  |  |
| Braunschweig        | 81 348   | 41357 | 83008 | 10081 | 20062 | 40283 | 55000 |       | 872//  |       | 20104 |       |       | 0114       | 0112 | 0121 | 0141 |                      |  |  |  |
| Gardelegen          | 47 359   | 42570 | 72910 | 10107 | 20066 | 40267 | 57006 |       | 82146  |       | 20099 |       |       | 0105       | 0111 | 0125 | 0129 |                      |  |  |  |
| Magdeburg           | 81 379   | 42580 | 82812 | 10127 | 20087 | 40256 | 58006 |       | 8127// |       | 20098 |       |       | 0129       | 0109 | 0112 | 0142 |                      |  |  |  |
| Potsdam             | 51 381   | 42580 | 82708 | 10133 | 20068 | 40259 | 57008 |       | 83837  |       | 20100 |       |       | 0111       | 0109 | 0107 | 0125 |                      |  |  |  |
| Berlin-Dahlem       | 37 382   | 42575 | 72910 | 10128 | 20075 | 40248 | 56007 |       | 82132  |       | 20108 |       |       | 0116       | 0105 | 0116 | 0141 |                      |  |  |  |
| Berlin-Tegel,Flugh. | 50 384   | 42572 | 82911 | 10135 | 20080 | 40251 | 58010 |       | 81137  |       | 20106 |       |       | 0096       | 0106 | 0113 | 0123 |                      |  |  |  |
| Berlin-Temp.,Flugh. | 47 385   | 42578 | 82713 | 10139 | 20076 | 40245 | 58012 |       | 81277  |       | 20106 |       |       | 0106       | 0098 | 0102 | 0126 |                      |  |  |  |
| Lindenberg          | 98 393   | 42877 | 82612 | 10140 | 20062 | 40247 | 58012 |       | 82047  |       | 20094 |       |       | 0101       | 0106 | 0118 | 0129 |                      |  |  |  |
| Manschnow           | 12 396   | 42762 | 82507 | 10142 | 20078 | 40234 | 58014 |       | 84537  |       | 20091 |       |       | 0121       | 0104 | 0106 | 0135 |                      |  |  |  |
| Düsseldorf, Flugh.  | 45 400   | 42565 | 82603 | 10147 | 20093 | 40231 | 58002 |       | 81101  |       | 20125 |       |       | 0116       | 0118 | 0130 | 0148 |                      |  |  |  |
| Bocholt             | 21 406   | 42556 | 82604 | 10107 | 20074 | 40293 | 56002 |       | 81102  |       | 20114 |       |       | 0117       | 0122 | 0140 | 0145 |                      |  |  |  |
| Essen               | 152 410  | 42693 | 82605 | 10143 | 20079 | 40288 | 58002 |       | 84201  |       | 20120 |       |       | 0123       | 0118 | 0130 | 0138 |                      |  |  |  |
| Lüdenscheid         | 387 418  | 42563 | 63105 | 10139 | 20074 | 40274 | 58003 |       | 84201  |       | 20088 |       |       | 0105       | 0104 | 0124 | 0125 |                      |  |  |  |
| Kahler Asten        | 839 427  | 42581 | 72808 | 10104 | 20043 | 48576 | 57002 |       | 84201  |       | 20051 |       |       | 0054       | 0057 | 0079 | 0093 |                      |  |  |  |
| Bad Lippspringe     | 157 430  | 42465 | 62806 | 10121 | 20099 | 40282 | 56004 |       | 82101  |       | 20090 |       |       | 0108       | 0102 | 0108 | 0131 |                      |  |  |  |
| Kassel              | 231 438  | 42578 | 71102 | 10140 | 20061 | 40270 | 58008 |       | 85201  |       | 20108 |       |       | 0112       | 0109 | 0119 | 0136 |                      |  |  |  |
| Göttingen           | 167 444  | 42575 | 63007 | 10139 | 20071 | 40274 | 58007 |       | 84202  |       | 20091 |       |       | 0094       | 0099 | 0112 | 0127 |                      |  |  |  |
| Leinefelde          | 356 449  | 42575 | 62710 | 10133 | 20082 | 40269 | 58004 |       | 83246  |       | 20075 |       |       | 0102       | 0100 | 0109 | 0121 |                      |  |  |  |
| Braunlage           | 607 452  | 42583 | 72606 | 10107 | 20041 | 40256 | 56004 |       | 84248  | 24 30 | 20036 |       |       | 0103       | 0115 | 0131 | 0140 |                      |  |  |  |
| Brocken             | 1142 453 | 42478 | 72922 | 10053 | 20028 | 48559 | 56003 |       | 86238  |       | 20105 |       |       | 0107       | 0104 | 0111 | 0128 |                      |  |  |  |
| Artern              | 164 460  | 4268  | 7204  | 10144 | 20074 | 40268 | 58010 |       | 81232  |       | 20099 |       |       | 0107       | 0104 | 0111 | 0148 |                      |  |  |  |
| Leipzig-Schkeuditz  | 105 474  | 42575 | 72908 | 10137 | 20065 | 40260 | 57007 |       | 81158  |       | 20102 |       |       | 0117       | 0114 | 0118 | 0140 |                      |  |  |  |
| Wittenberg          | 150 480  | 42570 | 82509 | 10140 | 20085 | 40265 | 56009 |       | 81107  |       | 20100 |       |       | 0114       | 0104 | 0109 | 0133 |                      |  |  |  |
| Oschatz             | 230 488  | 42682 | 72806 | 10131 | 20041 | 40262 | 56008 |       | 81106  |       | 20095 |       |       | 0124       | 0104 | 0105 | 0127 |                      |  |  |  |
| Dresden-Klotzsche   | 97 490   | 42980 | 82712 | 10144 | 20063 | 40260 | 58010 |       | 82057  |       | 20103 |       |       | 0107       | 0099 | 0103 | 0128 |                      |  |  |  |
| Doberlug-Kirchhain  | 69 496   | 42784 | 82409 | 10148 | 20063 | 40253 | 58012 |       | 81107  |       | 20084 |       |       | 0118       | 0103 | 0103 | 0135 |                      |  |  |  |
| Cottbus             | 237 499  | 42680 | 72805 | 10125 | 20050 | 40254 | 58009 |       | 81206  |       | 20080 |       |       | 0146       | 0114 | 0106 | 0118 |                      |  |  |  |
| Görlitz             | 202 501  | 42670 | 70103 | 10152 | 20066 | 40281 | 58003 |       | 81101  |       | 20112 |       |       | 0109       | 0117 | 0145 | 0157 |                      |  |  |  |
| Aachen              | 118 502  | 42558 | 59902 | 10134 | 20036 | 40273 | 50000 |       | 82201  |       | 20110 |       |       | 0112       | 0120 | 0128 | 0140 |                      |  |  |  |
| Nörvenich           | 485 506  | 42675 | 71103 | 10134 | 20036 | 40273 | 50000 |       | 82101  |       | 20085 |       |       | 0103       | 0108 | 0119 | 0131 |                      |  |  |  |
| Nürburg/Barweiler   | 91 513   | 42575 | 72403 | 10150 | 20089 | 40286 | 58004 |       | 81101  |       | 20106 |       |       | 0105       | 0117 | 0129 | 0146 |                      |  |  |  |
| Köln/Bonn, Flugh.   | 182 514  | 42668 | 61203 | 10177 | 20087 | 40284 | 58002 |       | 81101  |       | 20109 |       |       | 0105       | 0130 | 0150 | 0161 |                      |  |  |  |
| Mendel              | 127 515  | 42572 | 42603 | 10136 | 20091 | 40283 | 58005 |       | 81201  |       | 20115 |       |       | 0125       | 0132 | 0149 | 0160 |                      |  |  |  |
| Bendorf             | 547 526  | 42582 | 73103 | 10137 | 20043 | 40275 | 58001 |       | 81201  |       | 20087 |       |       | 0088       | 0091 | 0112 | 0119 |                      |  |  |  |
| Bad Marienberg      | 186 532  | 42680 | 62001 | 10152 | 20077 | 40284 | 58006 |       | 83242  |       | 20113 |       |       | 0119       | 0120 | 0139 | 0151 |                      |  |  |  |
| Giessen             | 273 542  | 41570 | 52303 | 10136 | 20065 | 40279 | 58008 |       | 82201  |       | 20047 |       |       | 0098       | 0097 | 0111 | 0135 |                      |  |  |  |
| Bad Hersfeld        | 921 544  | 42581 | 50106 | 10112 | 20041 | 48579 | 58002 |       | 83208  |       | 20077 |       |       | 0066       | 0068 | 0087 | 0094 |                      |  |  |  |
| Wasserkuppe         | 450 548  | 42575 | 63405 | 10133 | 20053 | 40272 | 58002 |       | 84206  |       | 20051 |       |       | 0099       | 0090 | 0103 | 0114 |                      |  |  |  |
| Melningen           | 937 552  | 42583 | 53803 | 10099 | 20045 | 48573 | 58002 |       | 82201  |       | 20095 |       |       |            |      |      |      |                      |  |  |  |

12 Uhr UTC

06-12

| Station              | Höhe     | 111   | 11hVV | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRt | 7wwWW | 8NCCC | ff-ff |
|----------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |          | Rx    |       | n     | n     | nddd  |       |       | R     | 12    | hLMH  | xx gg |
| Helgoland            | 4 015    | 32480 | 72822 | 10100 | 20073 | 40264 | 57007 |       |       |       | 878// | 22 27 |
| List/Sylt            | 26 020   | 33359 | 83022 | 10102 | 20072 | 40242 | 58010 |       |       |       | 876// | 23 29 |
| Leck                 | 7 022    | 32460 | 81918 | 10108 | 20073 | 40242 | 58014 |       |       |       | 8653/ | 30    |
| Husum                | 28 026   | 32570 | 72918 | 10109 | 20066 | 40249 | 57007 |       |       |       | 878// | 21 28 |
| Glücksburg/Meierwik  | 27 033   | 42470 | 72823 | 10110 | 20068 | 40233 | 57116 |       |       |       | 8553/ | 23 31 |
| Schleswig            | 43 035   | 32570 | 82814 | 10110 | 20064 | 40244 | 56007 |       |       |       | 875// | 27    |
| Hohn                 | 12 038   | 32580 | 72717 | 10116 | 20052 | 40246 | 57008 |       |       |       | 8564/ | 25    |
| Kiel-Holtenau        | 31 046   | 42570 | 72912 | 10111 | 20049 | 40238 | 57010 |       |       |       | 8587/ |       |
| Westermarsdorf       | 3 055    | 32970 | 82621 | 10105 | 20069 | 40221 | 56016 |       |       |       | 8807/ | 24 29 |
| Arkona               | 42 091   | 11470 | 82624 | 10089 | 20070 | 40204 | 56020 | 69931 | 72162 |       | 8167/ | 26 33 |
| Norderney            | 11 113   | 32475 | 72916 | 10107 | 20068 | 40281 | 58005 |       |       |       | 878// |       |
| Bremerhaven          | 7 129    | 32481 | 73118 | 10119 | 20078 | 40267 | 57011 |       |       |       | 878// |       |
| Cuxhaven             | 5 131    | 32475 | 82916 | 10108 | 20060 | 40262 | 57011 |       |       |       | 878// | 27    |
| Hamburg, Flugh.      | 16 147   | 32580 | 73012 | 10126 | 20060 | 40251 | 56010 |       |       |       | 84202 |       |
| Lübeck-Blankensee    | 14 156   | 32579 | 82811 | 10127 | 20067 | 40239 | 57012 |       |       |       | 8327/ |       |
| Boltenhagen          | 15 161   | 11580 | 82719 | 10116 | 20067 | 40233 | 56013 | 69901 | 76062 |       | 8807/ | 28    |
| Schwerin             | 59 162   | 32570 | 82815 | 10115 | 20061 | 40234 | 56017 |       |       |       | 888// |       |
| Rostock-Warnemünde   | 4 170    | 32566 | 82817 | 10110 | 20067 | 40219 | 57018 |       |       |       | 8357/ | 24 28 |
| Teterow              | 46 177   | 16760 | 72714 | 10109 | 20065 | 40223 | 58018 | 69901 |       |       |       |       |
| Barth                | 7 180    | 11570 | 82722 | 10105 | 20057 | 40217 | 56017 | 69901 | 70282 |       | 8522/ | 22 34 |
| Greifswald           | 2 184    | 11465 | 82713 | 10101 | 20053 | 40214 | 58017 | 69901 | 72162 |       | 8117/ | 27    |
| Ueckermünde          | 1 193    | 11570 | 82711 | 10111 | 20070 | 40225 | 57008 | 69901 | 78082 |       | 883// |       |
| Emden-Hafen          | 5 203    | 32575 | 73113 | 10130 | 20068 | 40245 | 58018 |       |       |       | 8523/ |       |
| Odenburg             | 11 215   | 32575 | 73013 | 10134 | 20054 | 40274 | 57007 |       |       |       | 83832 |       |
| Bremen, Flugh.       | 3 224    | 32577 | 72812 | 10135 | 20063 | 40263 | 56016 |       |       |       | 85832 |       |
| Soltau               | 77 235   | 32575 | 72710 | 10130 | 20068 | 40259 | 56017 |       |       |       | 84238 |       |
| Bolzenburg           | 45 249   | 32568 | 82812 | 10115 | 20054 | 40252 | 56012 |       |       |       | 8117/ | 26    |
| Lüchow               | 17 253   | 32565 | 82711 | 10120 | 20071 | 40250 | 56014 |       |       |       | 8581/ |       |
| Seehausen            | 21 261   | 32570 | 82714 | 10114 | 20059 | 40253 | 55010 |       |       |       | 8622/ |       |
| Marnitz              | 81 264   | 32468 | 82609 | 10116 | 20062 | 40235 | 56016 |       |       |       | 878// |       |
| Neuruppin            | 38 270   | 32570 | 82811 | 10116 | 20068 | 40245 | 56010 |       |       |       | 872// |       |
| Neubrandenburg       | 81 280   | 31572 | 82616 | 10107 | 20074 | 40228 | 56014 |       |       | 76022 | 8227/ |       |
| Angermünde           | 96 291   | 32575 | 72713 | 10126 | 20080 | 40226 | 58009 |       |       |       | 8521/ |       |
| Lingen               | 24 305   | 32570 | 73007 | 10132 | 20073 | 40280 | 58010 |       |       |       | 83801 |       |
| Münster/Osnabrück    | 48 315   | 32567 | 73006 | 10125 | 20058 | 40283 | 57009 |       |       |       | 83808 |       |
| Osnabrück            | 95 317   | 32565 | 72907 | 10130 | 20077 | 40281 | 58007 |       |       |       | 8251/ |       |
| Diepholz             | 39 321   | 32670 | 72807 | 10120 | 20062 | 40279 | 58010 |       |       |       | 84501 |       |
| Bad Salzflöten       | 135 325  | 32565 | 73007 | 10128 | 20071 | 40277 | 58009 |       |       |       | 85202 |       |
| Hannover, Flugh.     | 56 338   | 32568 | 72611 | 10112 | 20062 | 40266 | 57013 |       |       |       | 8513/ |       |
| Braunschweig         | 81 348   | 32562 | 72812 | 10122 | 20066 | 40264 | 58018 |       |       |       | 8523/ |       |
| Gardelegen           | 47 359   | 32570 | 72714 | 10123 | 20069 | 40250 | 56014 |       |       |       | 86207 |       |
| Magdeburg            | 79 361   | 32462 | 82911 | 10127 | 20081 | 40255 | 56013 |       |       |       | 81137 |       |
| Potsdam              | 81 379   | 32580 | 82813 | 10133 | 20076 | 40243 | 58013 |       |       |       | 8427/ |       |
| Berlin-Dahlem        | 51 381   | 32581 | 82810 | 10130 | 20065 | 40237 | 58011 |       |       |       | 8387/ |       |
| Berlin-Tegel, Flugh. | 37 382   | 32578 | 72811 | 10126 | 20068 | 40237 | 56011 |       |       |       | 83272 |       |
| Berlin-Temp., Flugh. | 50 384   | 32575 | 82709 | 10128 | 20072 | 40242 | 58009 |       |       |       | 8327/ |       |
| Berlin-Schönefeld    | 47 385   | 32580 | 82813 | 10131 | 20072 | 40236 | 57009 |       |       |       | 81837 |       |
| Lindenberg           | 98 393   | 32577 | 82614 | 10142 | 20057 | 40233 | 56014 |       |       |       | 8221/ | 26    |
| Manschnow            | 12 396   | 32662 | 82713 | 10150 | 20064 | 40222 | 56014 |       |       |       | 8313/ |       |
| Düsseld., Flugh.     | 46 400   | 32670 | 83307 | 10179 | 20092 | 40283 | 57008 |       |       |       | 81101 |       |
| Bocholt              | 21 406   | 32965 | 53207 | 10153 | 20080 | 40282 | 56010 |       |       |       | 80001 |       |
| Essen                | 152 410  | 32670 | 73207 | 10168 | 20070 | 40281 | 58006 |       |       |       | 81102 |       |
| Lüdenscheid          | 387 418  | 32665 | 62908 | 10153 | 20064 | 40267 | 57004 |       |       |       | 83101 |       |
| Kahler Asten *       | 839 427  | 32584 | 62811 | 10127 | 20038 | 48579 | 57004 |       |       |       | 83108 |       |
| Bad Lippspringe      | 157 430  | 32563 | 62810 | 10132 | 20078 | 40276 | 58006 |       |       |       | 83101 |       |
| Kassel               | 231 438  | 32581 | 63103 | 10170 | 20053 | 40257 | 57010 |       |       |       | 82202 |       |
| Göttingen            | 167 444  | 32680 | 73209 | 10162 | 20062 | 40260 | 58012 |       |       |       | 82202 |       |
| Leinefelde           | 356 449  | 32578 | 72808 | 10152 | 20075 | 40255 | 58011 |       |       |       | 84208 |       |
| Braunlage            | 607 452  | 32583 | 72508 | 10155 | 20030 | 40245 | 58009 |       |       |       | 82248 |       |
| Artern *             | 1142 453 | 32480 | 72923 | 10061 | 20014 | 48556 | 58005 |       |       |       | 81148 | 25 32 |
| Leipzig-Schkeuditz   | 144 469  | 32570 | 72812 | 10164 | 20074 | 40246 | 58019 |       |       |       | 84202 |       |
| Wittenberg           | 105 474  | 32680 | 82710 | 10148 | 20066 | 40244 | 56015 |       |       |       | 8117/ |       |
| Oschatz              | 150 480  | 32570 | 82610 | 10149 | 20082 | 40250 | 58014 |       |       |       | 83207 |       |
| Dresden-Klotzsche    | 230 488  | 32681 | 82711 | 10144 | 20068 | 40249 | 57012 |       |       |       | 83107 |       |
| Doberlug-Kirchhain   | 97 490   | 32580 | 82811 | 10147 | 20072 | 40246 | 57013 |       |       |       | 8517/ |       |
| Cottbus              | 69 496   | 32682 | 82510 | 10153 | 20075 | 40239 | 56014 |       |       |       | 82207 |       |
| Görlitz              | 237 499  | 32683 | 82809 | 10145 | 20052 | 40240 | 58012 |       |       |       | 82207 |       |
| Aachen               | 202 501  | 32670 | 73404 | 10176 | 20063 | 40275 | 57004 |       |       |       | 81101 |       |
| Nörvenich            | 118 502  | 42670 | 73305 | 10185 | 20072 | 40282 | 57010 |       |       |       | 81101 |       |
| Nürnberg-Bartheimer  | 485 506  | 32680 | 70603 | 10155 | 20028 | 40263 | 58006 |       |       |       | 81102 |       |
| Köln/Bonn, Flugh.    | 91 513   | 32780 | 53305 | 10188 | 20081 | 40273 | 58011 |       |       |       | 81101 |       |
| Mendig               | 182 514  | 42670 | 69903 | 10193 | 20041 | 40268 | 57015 |       |       |       | 81101 |       |
| Bendorf              | 127 515  | 32682 | 72804 | 10193 | 20066 | 40269 | 58011 |       |       |       | 81101 |       |
| Bad Marienberg       | 547 526  | 32686 | 72904 | 10155 | 20045 | 40266 | 57004 |       |       |       | 81108 |       |
| Giessen              | 186 532  | 32780 | 62605 | 10182 | 20058 | 40268 | 58012 |       |       |       | 83202 |       |
| Bad Hersfeld *       | 273 542  | 31780 | 62604 | 10173 | 20043 | 40262 | 58013 |       |       | 70341 | 85202 |       |
| Wasserkuppe          | 921 544  | 32585 | 63508 | 10132 | 20046 | 48581 | 58004 |       |       |       | 84102 |       |
| Meiningen            | 450 548  | 32580 | 73109 | 10157 | 20044 | 40259 | 58010 |       |       |       | 84238 |       |
| Schmücke *           | 937 552  | 32687 | 62808 | 10123 | 20033 | 48573 | 58005 |       |       |       | 84208 |       |
| Erfurt-Bindersleben  | 315 554  | 32682 | 72709 | 10162 | 20072 | 40251 | 58012 |       |       |       | 84208 |       |
| Neuhaus a.R. *       | 845 557  | 32684 | 63204 | 10125 | 20027 | 48568 | 58008 |       |       |       | 84206 |       |
| Gera-Leumnitz        | 311 567  | 32683 | 83010 | 10157 | 20039 | 40243 | 57015 |       |       |       | 8327/ |       |
| Chemnitz             | 418 577  | 32577 | 82808 | 10141 | 20064 | 40250 | 58012 |       |       |       | 8321/ |       |
| Fichtelberg *        | 1213 578 | 32477 | 72911 | 10083 | 21035 | 48557 | 58006 |       |       |       | 85258 |       |
| Zinnwald-Georg. *    | 877 582  | 32389 | 82907 | 10102 | 20028 | 48557 | 58008 |       |       |       | 872// |       |
| Lichtenhain/Mittelnd | 300 591  | 31581 | 82707 | 10148 | 20047 | 40244 | 58012 |       |       | 70241 | 83207 |       |
| Trier-Petrisberg     | 266 609  | 32782 | 70106 | 10193 | 20048 | 40261 | 57009 |       |       |       | 81101 |       |
| Deuselbach           | 480 615  | 32584 | 73108 | 10171 | 20042 | 40256 | 58004 |       |       |       | 81101 |       |
| Pferdsfeld           | 396 626  |       |       |       |       |       |       |       |       |       |       |       |
| Kl.Feldberg/Ts. *    | 805 635  | 32583 | 73305 | 10131 | 20046 | 48588 | 58004 |       |       |       | 82101 |       |
| Frankfurt/M.,Flugh.  | 111 637  | 32782 | 62405 | 10193 | 20036 | 40266 | 58012 |       |       |       | 81101 |       |
| Michelstadt/Vielbrun | 453 648  | 32783 | 70303 | 10161 | 20047 | 40265 | 56008 |       |       |       | 81102 |       |
| Würzburg             | 268 655  | 32781 | 72602 | 10188 | 20032 | 40265 | 58010 |       |       |       | 83202 |       |
| Bad Kissingen        | 262 658  | 32683 | 72203 | 10187 | 20048 | 40257 | 58012 |       |       |       | 83202 |       |
| Coburg               | 322 671  | 32682 | 53006 | 10171 | 20023 | 40255 | 58014 |       |       |       | 83201 |       |
| Bamberg              | 239 675  | 31783 | 63604 | 10181 | 20027 | 40259 | 57018 |       |       | 70241 | 83202 |       |
| Hof                  | 567 685  | 32784 | 73408 | 10144 | 20027 | 40249 | 58012 |       |       |       | 84252 |       |
| Weiden               | 438 688  | 32782 | 63001 | 10155 | 20015 | 40252 | 57012 |       |       |       | 83108 |       |
| Beruf                | 363 704  | 32984 | 60410 | 10181 | 20042 | 40258 | 57006 |       |       |       | 80001 |       |
| Tholey               | 396 706  | 32984 | 60706 | 10174 | 20067 | 40260 | 58007 |       |       |       | 80001 |       |
| Saarbrücken, Flugh.  | 322 708  | 32982 | 71106 | 10178 | 20045 | 40260 | 58006 |       |       |       | 80002 |       |
| Weinbiet             | 553 724  | 32583 | 61006 | 10166 | 20044 | 40256 | 56005 |       |       |       | 81104 |       |
| Karlsruhe            | 112 727  | 32781 | 70610 | 10202 | 20029 | 40261 | 56011 |       |       |       | 81502 |       |
| Mannheim             | 96 729   | 32681 | 73403 | 10193 | 20050 | 40263 | 56011 |       |       |       | 81102 |       |
| Stuttgart, Flugh.    | 396 738  | 32786 | 70803 | 10169 | 20021 | 40248 | 57011 |       |       |       | 81102 |       |
| Stuttgart/Schnarrenb | 314 739  | 32788 | 60506 | 10187 | 20025 | 40253 | 56012 |       |       |       | 81102 |       |
| Öhringen             | 276 742  | 32780 | 70703 | 10183 | 20028 | 40267 | 57009 |       |       |       | 81102 |       |
| Weissenburg          | 422 761  | 32782 | 53603 | 10166 | 21004 | 40255 | 56012 |       |       |       | 82202 |       |
| N                    |          |       |       |       |       |       |       |       |       |       |       |       |

| Station             | Hoehe | 15 Uhr UTC |       |       |       |       |       |       |             |               |                | 12-15  |       |      |      |      | Erdbodentemp.<br>14 Uhr UTC |   |   |   |   |
|---------------------|-------|------------|-------|-------|-------|-------|-------|-------|-------------|---------------|----------------|--------|-------|------|------|------|-----------------------------|---|---|---|---|
|                     |       | i1         | i1hVV | Nddff | 1sTTT | 2sTTT | 4PPPP | Sappp | 7wwWW<br>12 | 8NCCC<br>hLMH | ff-ff<br>xx gg | 1sTTT  | sTTT  | sTTT | sTTT | sTTT | sTTT                        |   |   |   |   |
|                     |       | Rx         | n     | n     | n     | n     | n     | n     |             |               |                |        |       |      |      |      |                             | n | n | n | n |
| Helgoland           | 4     | 015        | 42470 | 82922 | 10103 | 20083 | 40254 | 57010 |             |               | 875//          | 25     | 31    |      |      |      |                             |   |   |   |   |
| List/Sylt           | 26    | 020        | 41470 | 73225 | 10106 | 20079 | 40238 | 55004 |             |               | 70152          | 875//  | 26    | 33   |      |      |                             |   |   |   |   |
| Grifflswald         | 7     | 022        | 41470 | 83119 | 10110 | 20079 | 40238 | 56004 |             |               | 72052          | 875//  | 21    | 31   |      |      |                             |   |   |   |   |
| Husum               | 28    | 026        | 41360 | 83113 | 10107 | 20090 | 40238 | 57011 |             |               | 72582          | 875//  | 21    | 28   |      |      |                             |   |   |   |   |
| Glücksburg/Meierwik | 27    | 033        | 41565 | 72920 | 10111 | 20085 | 40228 | 58005 |             |               | 70282          | 878//  | 24    | 33   |      |      |                             |   |   |   |   |
| Schleswig           | 43    | 035        | 41460 | 83113 | 10107 | 20091 | 40236 | 56011 |             |               | 75122          | 878//  | 28    |      |      |      |                             |   |   |   |   |
| Hohn                | 12    | 038        | 41457 | 82815 | 10111 | 20076 | 40236 | 57010 |             |               | 75122          | 877//  | 26    |      |      |      |                             |   |   |   |   |
| Kiel-Holtenau       | 31    | 046        | 41359 | 83009 | 10102 | 20079 | 40227 | 57011 |             |               | 75822          | 875//  |       |      |      |      |                             |   |   |   |   |
| Westermarsdorf      | 3     | 055        | 42570 | 82723 | 10105 | 20083 | 40210 | 56011 |             |               |                | 8257// | 26    | 33   |      |      |                             |   |   |   |   |
| Arkona              | 42    | 091        | 41368 | 82727 | 10095 | 20080 | 40182 | 58022 |             |               | 72065          | 8267// | 29    | 40   |      |      |                             |   |   |   |   |
| Norderney           | 11    | 113        | 42570 | 73021 | 10110 | 20080 | 40273 | 56008 |             |               |                | 83502  | 822// | 26   | 26   |      |                             |   |   |   |   |
| Bremerhaven         | 7     | 129        | 42481 | 73119 | 10119 | 20082 | 40257 | 57010 |             |               |                | 878//  | 21    |      |      |      |                             |   |   |   |   |
| Cuxhaven            | 5     | 131        | 42470 | 83019 | 10114 | 20074 | 40253 | 57009 |             |               |                | 878//  | 31    |      |      |      |                             |   |   |   |   |
| Hamburg, Flugh.     | 16    | 147        | 41475 | 82713 | 10110 | 20062 | 40239 | 58012 |             |               | 70262          | 875//  |       |      |      |      |                             |   |   |   |   |
| Lübeck-Blankensee   | 14    | 156        | 41570 | 82811 | 10116 | 20069 | 40228 | 55011 |             |               | 70362          | 875//  |       |      |      |      |                             |   |   |   |   |
| Boltenhagen         | 15    | 161        | 41670 | 82820 | 10118 | 20083 | 40219 | 56014 |             |               | 70362          | 8557// | 26    | 34   |      |      |                             |   |   |   |   |
| Schwerin            | 59    | 162        | 42568 | 82817 | 10120 | 20062 | 40220 | 57014 |             |               |                | 888//  | 21    | 31   |      |      |                             |   |   |   |   |
| Rostock-Warnemünde  | 4     | 170        | 41460 | 83026 | 10113 | 20077 | 40204 | 56015 |             |               | 72182          | 8662// | 27    | 34   |      |      |                             |   |   |   |   |
| Teterow             | 46    | 177        | 46760 | 72610 | 10098 | 20079 | 40207 | 56016 |             |               |                |        |       | 28   |      |      |                             |   |   |   |   |
| Barth               | 7     | 180        | 41465 | 82824 | 10105 | 20073 | 40199 | 56018 |             |               | 72585          | 872//  | 25    | 39   |      |      |                             |   |   |   |   |
| Greifswald          | 2     | 184        | 41425 | 82614 | 10095 | 20072 | 40195 | 58019 |             |               | 78082          | 889//  |       | 28   |      |      |                             |   |   |   |   |
| Ueckermünde         | 1     | 193        | 41464 | 82818 | 10107 | 20065 | 40204 | 56022 |             |               | 76182          | 8677// |       | 28   |      |      |                             |   |   |   |   |
| Emden-Hafen         | 5     | 203        | 42575 | 73220 | 10131 | 20057 | 40275 | 58007 |             |               |                | 83832  |       |      |      |      |                             |   |   |   |   |
| Oldenburg           | 11    | 215        | 42575 | 73014 | 10136 | 20054 | 40264 | 56010 |             |               |                | 86532  |       |      |      |      |                             |   |   |   |   |
| Bremen, Flugh.      | 3     | 224        | 42680 | 73015 | 10142 | 20064 | 40255 | 58008 |             |               |                | 875//  |       |      |      |      |                             |   |   |   |   |
| Saltau              | 77    | 235        | 42580 | 73009 | 10141 | 20048 | 40245 | 56014 |             |               |                | 8587// |       |      |      |      |                             |   |   |   |   |
| Boizenburg          | 45    | 249        | 42768 | 83014 | 10119 | 20051 | 40239 | 56013 |             |               |                | 885//  | 28    |      |      |      |                             |   |   |   |   |
| Lüchow              | 17    | 253        | 42575 | 82810 | 10133 | 20071 | 40233 | 56017 |             |               |                | 8587// |       |      |      |      |                             |   |   |   |   |
| Seehausen           | 21    | 261        | 41970 | 82714 | 10131 | 20061 | 40230 | 56023 |             |               | 76022          | 8807// |       |      |      |      |                             |   |   |   |   |
| Marnitz             | 81    | 264        | 41468 | 82812 | 10119 | 20062 | 40218 | 57017 |             |               | 70262          | 888//  |       |      |      |      |                             |   |   |   |   |
| Neuruppin           | 38    | 270        | 41568 | 80610 | 10115 | 20063 | 40220 | 58025 |             |               | 70282          | 8327// |       |      |      |      |                             |   |   |   |   |
| Neubrandenburg      | 81    | 280        | 41358 | 82820 | 10100 | 20082 | 40210 | 55018 |             |               | 76162          | 8372// | 25    | 34   |      |      |                             |   |   |   |   |
| Angermünde          | 56    | 291        | 41575 | 82717 | 10116 | 20056 | 40205 | 56021 |             |               | 72162          | 8227// | 25    |      |      |      |                             |   |   |   |   |
| Lingen              | 24    | 305        | 42570 | 73310 | 10172 | 20048 | 40264 | 58015 |             |               |                | 81102  |       |      |      |      |                             |   |   |   |   |
| Münster/Osnabrück   | 48    | 315        | 42775 | 73109 | 10159 | 20052 | 40267 | 57015 |             |               |                | 81532  |       |      |      |      |                             |   |   |   |   |
| Osnabrück           | 95    | 317        | 42570 | 73009 | 10153 | 20067 | 40266 | 57014 |             |               |                | 81131  |       |      |      |      |                             |   |   |   |   |
| Diepholz            | 39    | 321        | 42675 | 73009 | 10155 | 20046 | 40263 | 56016 |             |               |                | 875//  |       |      |      |      |                             |   |   |   |   |
| Bad Salzuflen       | 135   | 325        | 42972 | 72909 | 10150 | 20071 | 40259 | 56016 |             |               |                | 84042  |       |      |      |      |                             |   |   |   |   |
| Hannover, Flugh.    | 56    | 338        | 42568 | 72913 | 10144 | 20062 | 40253 | 56012 |             |               |                | 83831  |       |      |      |      |                             |   |   |   |   |
| Braunschweig        | 81    | 348        | 42560 | 72912 | 10134 | 20063 | 40247 | 57016 |             |               |                | 8487// |       |      |      |      |                             |   |   |   |   |
| Gardelegen          | 47    | 359        | 42707 | 82810 | 10124 | 20059 | 40233 | 57017 |             |               |                | 8217// |       |      |      |      |                             |   |   |   |   |
| Magdeburg           | 79    | 361        | 42766 | 82912 | 10130 | 20065 | 40237 | 57018 |             |               |                | 8357// |       |      |      |      |                             |   |   |   |   |
| Potsdam             | 81    | 379        | 41578 | 82816 | 10122 | 20072 | 40225 | 56018 |             |               | 72122          | 888//  | 25    |      |      |      |                             |   |   |   |   |
| Berlin-Dahlem       | 51    | 381        | 41581 | 82810 | 10127 | 20061 | 40216 | 57021 |             |               | 72582          | 8787// |       |      |      |      |                             |   |   |   |   |
| Berlin-Tegel,Flugh. | 37    | 382        | 42575 | 82913 | 10124 | 20061 | 40215 | 56022 |             |               |                | 878//  |       |      |      |      |                             |   |   |   |   |
| Berlin-Temp.,Flugh. | 50    | 384        | 41575 | 82817 | 10126 | 20062 | 40221 | 56021 |             |               | 72122          | 878//  |       |      |      |      |                             |   |   |   |   |
| Berlin-Schönefeld   | 47    | 385        | 41575 | 82913 | 10128 | 20062 | 40215 | 56021 |             |               | 72122          | 888//  |       |      |      |      |                             |   |   |   |   |
| Lindenberg          | 98    | 393        | 41677 | 82813 | 10136 | 20066 | 40213 | 56020 |             |               | 76122          | 8422// |       |      |      |      |                             |   |   |   |   |
| Manschnow           | 12    | 396        | 41461 | 82810 | 10129 | 20068 | 40203 | 58017 |             |               | 76022          | 875//  |       |      |      |      |                             |   |   |   |   |
| Bussdorf, Flugh.    | 45    | 400        | 42970 | 73009 | 10190 | 20078 | 40269 | 57013 |             |               |                | 81031  |       |      |      |      |                             |   |   |   |   |
| Bocholt             | 21    | 406        | 42970 | 63407 | 10181 | 20066 | 40268 | 57014 |             |               |                | 80001  |       |      |      |      |                             |   |   |   |   |
| Essen               | 152   | 410        | 42775 | 73306 | 10174 | 20066 | 40268 | 58012 |             |               |                | 81102  |       |      |      |      |                             |   |   |   |   |
| Lüdenscheid         | 387   | 418        | 42965 | 63006 | 10161 | 20044 | 40254 | 56011 |             |               |                | 80001  |       |      |      |      |                             |   |   |   |   |
| Kahler Asten *      | 839   | 427        | 42580 | 73210 | 10138 | 20051 | 48571 | 58010 |             |               |                | 81148  |       |      |      |      |                             |   |   |   |   |
| Bad Lippspringe     | 157   | 430        | 42670 | 72908 | 10155 | 20060 | 40256 | 57017 |             |               |                | 81131  |       |      |      |      |                             |   |   |   |   |
| Kassel              | 231   | 438        | 42981 | 73207 | 10174 | 20033 | 40242 | 57014 |             |               |                | 8703// |       |      |      |      |                             |   |   |   |   |
| Göttingen           | 167   | 444        | 42780 | 73211 | 10161 | 20059 | 40246 | 56014 |             |               |                | 8113// |       |      |      |      |                             |   |   |   |   |
| Leinefelde          | 356   | 449        | 42675 | 82912 | 10156 | 20053 | 40240 | 56015 |             |               |                | 81259  |       |      |      |      |                             |   |   |   |   |
| Braunlage           | 607   | 452        | 42586 | 83111 | 10120 | 20011 | 40234 | 56011 |             |               |                | 878//  |       |      |      |      |                             |   |   |   |   |
| Brocken *           | 1142  | 453        | 42480 | 72824 | 10058 | 21003 | 48546 | 57011 |             |               |                | 8117// | 27    | 35   |      |      |                             |   |   |   |   |
| Artern              | 164   | 460        | 42784 | 72913 | 10179 | 20046 | 40234 | 58019 |             |               |                | 8287// |       |      |      |      |                             |   |   |   |   |
| Leipzig-Schkeuditz  | 144   | 469        | 42570 | 73309 | 10161 | 20101 | 40230 | 57016 |             |               |                | 8583// |       |      |      |      |                             |   |   |   |   |
| Wittenberg          | 105   | 474        | 42675 | 83010 | 10139 | 20061 | 40227 | 56018 |             |               |                | 8117// |       |      |      |      |                             |   |   |   |   |
| Oschatz             | 150   | 480        | 42665 | 73109 | 10159 | 20103 | 40225 | 56024 |             |               |                | 8227// |       |      |      |      |                             |   |   |   |   |
| Dresden-Klotzsche   | 230   | 488        | 42680 | 82610 | 10151 | 20074 | 40222 | 58025 |             |               |                | 8317// |       |      |      |      |                             |   |   |   |   |
| Doberslug-Kirchhain | 97    | 490        | 42681 | 82712 | 10153 | 20061 | 40220 | 58026 |             |               |                | 885//  |       |      |      |      |                             |   |   |   |   |
| Cottbus             | 69    | 496        | 42682 | 82512 | 10158 | 20057 | 40212 | 58027 |             |               |                | 8327// |       |      |      |      |                             |   |   |   |   |
| Görlitz             | 237   | 499        | 42683 | 82714 | 10149 | 20061 | 40215 | 58024 |             |               |                | 83207  |       |      |      |      |                             |   |   |   |   |
| Aachen              | 202   | 501        | 42970 | 73404 | 10189 | 20052 | 40263 | 56011 |             |               |                | 80001  |       |      |      |      |                             |   |   |   |   |
| Großvenich          | 118   | 502        | 42970 | 73107 | 10202 | 20073 | 40270 | 57011 |             |               |                | 80001  |       |      |      |      |                             |   |   |   |   |
| Niedel/Bärweiler    | 488   | 506        | 42970 | 73030 | 10163 | 20068 | 40263 | 56018 |             |               |                | 80002  |       |      |      |      |                             |   |   |   |   |
| Köln/Bonn, Flugh.   | 91    | 513        | 42980 | 73410 | 10204 | 20056 | 40260 | 56013 |             |               |                | 80002  |       |      |      |      |                             |   |   |   |   |
| Mendig              | 182   | 514        | 42970 | 53308 | 10206 | 20064 | 40256 | 57010 |             |               |                | 80001  |       |      |      |      |                             |   |   |   |   |
| Bendorf             | 127   | 515        | 42982 | 72908 | 10210 | 20052 | 40253 | 56015 |             |               |                | 80008  |       |      |      |      |                             |   |   |   |   |
| Bad Marienberg      | 547   | 526        | 42683 | 73106 | 10161 | 20048 | 40252 |       |             |               |                |        |       |      |      |      |                             |   |   |   |   |

| Station              | Höhe | 111 | ihVV  | Nddff | 1stTT | 2stTT | 4PPPP | 18 Uhr UTC | 7wwWW | BNCCC | 12-18   | 06-18  | 06-18 | 06-18 |       |
|----------------------|------|-----|-------|-------|-------|-------|-------|------------|-------|-------|---------|--------|-------|-------|-------|
|                      |      | Rx  |       |       | ddd   | ddd   |       | Sappp      | 6RRRt | R     | ff-ff   | 1stTT  | 2stTT | 5ssst |       |
|                      |      |     |       |       |       |       |       |            |       |       | xx      | gg     | nnnn  | R     |       |
| Helgoland            | 4    | 015 | 32475 | 73319 | 10105 | 20087 | 40251 | 58003      |       |       | 878//   | 25     | 31    | 10108 | 20084 |
| List/Sylt            | 26   | 020 | 13470 | 53222 | 10108 | 20087 | 40251 | 58003      | 69902 |       | 878//   | 25     | 31    | 10108 | 20084 |
| Leck                 | 7    | 022 | 11470 | 53216 | 10115 | 20073 | 40236 | 56002      | 69922 | 70352 | 85502   | 26     | 33    | 10118 | 20085 |
| Husum                | 28   | 026 | 11582 | 73214 | 10128 | 20074 | 40237 | 56001      | 69902 | 70382 | 83201   | 24     | 28    | 10122 | 20074 |
| Glücksburg/Meierwik  | 27   | 033 | 11570 | 43018 | 10128 | 20092 | 40229 | 53001      | 69902 | 70181 | 82101   | 24     | 33    | 10130 | 20088 |
| Schleswig            | 43   | 035 | 11270 | 53112 | 10116 | 20077 | 40234 | 55001      | 69902 | 70252 | 84101   | 28     | 10    | 10130 | 20085 |
| Hohn                 | 12   | 038 | 11580 | 53114 | 10121 | 20066 | 40233 | 56003      | 69902 | 70252 | 84501   | 26     | 10    | 10126 | 20093 |
| Kiel-Holtenau        | 31   | 046 | 11570 | 53208 | 10124 | 20070 | 40221 | 55006      | 69902 | 70362 | 82104   |        |       | 10125 | 20082 |
| Westermarsdorsdorf   | 3    | 055 | 32475 | 62919 | 10117 | 20088 | 40208 | 55002      |       |       | 82201   | 26     | 33    | 10118 | 20089 |
| Arkona               | 42   | 091 | 11681 | 73223 | 10102 | 20068 | 40179 | 55002      | 69942 | 70365 | 878//   | 29     | 40    | 10114 | 20086 |
| Norderney            | 11   | 113 | 32268 | 83321 | 10107 | 20092 | 40268 | 55005      |       |       | 866//   | 23     | 27    | 10114 | 20086 |
| Bremerhaven          | 7    | 129 | 11460 | 83322 | 10110 | 20097 | 40253 | 55004      | 69902 | 72022 |         | 24     | 26    | 10126 | 20089 |
| Cuxhaven             | 5    | 131 | 32470 | 73324 | 10112 | 20084 | 40251 | 55002      |       |       | 86201   | 24     | 32    | 10114 | 20088 |
| Hamburg, Flugh.      | 16   | 147 | 11480 | 73009 | 10112 | 20087 | 40230 | 58009      | 69912 | 70262 | 878//   |        |       | 10127 | 20093 |
| Lübeck-Blankensee    | 14   | 156 | 16/60 | /3007 | 10114 | 20083 | 40222 | 58006      | 69902 |       |         |        |       | 10133 | 20089 |
| Boltenhagen          | 15   | 161 | 11470 | 63015 | 10119 | 20094 | 40213 | 58006      | 69902 | 70362 | 81206   | 26     | 34    | 10121 | 20091 |
| Schwerin             | 59   | 162 | 32562 | 62913 | 10108 | 20081 | 40215 | 58005      |       |       | 84302   | 21     | 32    | 10123 | 20087 |
| Rostock-Warnemünde   | 4    | 170 | 11464 | 63023 | 10115 | 20090 | 40195 | 56009      | 69902 | 70386 | 85501   | 29     | 38    | 10116 | 20093 |
| Teterow              | 48   | 177 | 12980 | /3213 | 10105 | 20086 | 40596 | 56011      | 69912 |       | 875//   | 29     | 38    | 10119 | 20087 |
| Barth                | 7    | 180 | 16/60 | /2917 | 10116 | 20088 | 40188 | 56010      | 69912 |       |         | 25     | 39    | 10119 | 20091 |
| Greifswald           | 2    | 184 | 11480 | 62917 | 10110 | 20088 | 40177 | 56018      | 60012 | 72565 | 86900   |        |       | 10117 | 20092 |
| Ueckermünde          | 1    | 193 | 16/59 | /2713 | 10098 | 20091 | 40182 | 56022      | 69992 |       |         | 28     | 10    | 10125 | 20091 |
| Emden-Hafen          | 5    | 203 | 36/59 | /3217 | 10126 | 20081 | 40268 | 55008      |       |       |         | 25     | 10    | 10135 | 20089 |
| Oldenburg            | 11   | 215 | 32575 | 73214 | 10130 | 20069 | 40255 | 56009      |       |       | 875//   |        |       | 10151 | 20077 |
| Bremen, Flugh.       | 3    | 224 | 32580 | 73114 | 10133 | 20077 | 40245 | 56010      |       |       | 875//   |        |       | 10152 | 20078 |
| Soltau               | 77   | 235 | 32481 | 73108 | 10116 | 20070 | 40244 | 55002      |       |       | 878//   |        |       | 10148 | 20082 |
| Bolzenburg           | 45   | 249 | 16/60 | /2910 | 10107 | 20089 | 40230 | 58010      | 69902 |       |         | 28     | 10    | 10132 | 20092 |
| Lüchow               | 17   | 253 | 36/// | /3108 | 10116 | 20074 | 40227 | 56006      |       |       |         |        |       | 10136 | 20084 |
| Seehausen            | 21   | 261 | 11570 | 83016 | 10117 | 20064 | 40224 | 56006      | 69902 | 70362 | 872//   | 30     | 10    | 10133 | 20088 |
| Marnitz              | 81   | 264 | 16/60 | /2814 | 10105 | 20069 | 40210 | 57008      | 69902 |       |         | 31     | 10    | 10126 | 20087 |
| Neuruppin            | 38   | 270 | 11570 | 73011 | 10121 | 20057 | 40209 | 56011      | 69902 | 70382 | 8583//  | 27     | 10    | 10125 | 20086 |
| Neubrandenburg       | 81   | 280 | 11562 | 82917 | 10102 | 20089 | 40193 | 56016      | 69952 | 70362 | 872//   | 25     | 34    | 10117 | 20091 |
| Angermünde           | 56   | 291 | 11556 | 82712 | 10100 | 20081 | 40190 | 58015      | 69932 | 76162 | 875//   | 35     | 10    | 10137 | 20094 |
| Lingen               | 24   | 305 | 32675 | 63410 | 10159 | 20070 | 40257 | 56007      |       |       | 82502   |        |       | 10174 | 20083 |
| Münster/Osnabrück    | 48   | 315 | 32780 | 43507 | 10167 | 20056 | 40258 | 56009      |       |       | 81531   |        |       | 10172 | 20072 |
| Osnabrück            | 95   | 321 | 36/60 | /3209 | 10160 | 20068 | 40256 | 56010      |       |       |         |        |       | 10168 | 20070 |
| Diepholz             | 39   | 321 | 32581 | 73108 | 10143 | 20062 | 40255 | 56008      |       |       | 86531   |        |       | 10159 | 20080 |
| Bad Salzuflen        | 135  | 325 | 32780 | 73209 | 10144 | 20054 | 40252 | 56007      |       |       | 82532   |        |       | 10169 | 20077 |
| Hannover, Flugh.     | 56   | 338 | 32680 | 73209 | 10135 | 20057 | 40241 | 55012      |       |       | 875//   |        |       | 10152 | 20065 |
| Braunschweig         | 81   | 348 | 32770 | 73011 | 10135 | 20055 | 40236 | 56011      |       |       | 875//   |        |       | 10142 | 20072 |
| Gardelegen           | 47   | 359 | 16/60 | /3213 | 10131 | 20049 | 40223 | 55010      | 69902 |       |         | 26     | 10    | 10136 | 20071 |
| Magdeburg            | 79   | 361 | 32664 | 82911 | 10132 | 20072 | 40225 | 58012      |       |       | 8657//  |        |       | 10145 | 20091 |
| Potsdam              | 81   | 379 | 11575 | 82814 | 10118 | 20067 | 40209 | 56016      | 69902 | 70262 | 888//   | 29     | 10    | 10141 | 20082 |
| Berlin-Dahlem        | 51   | 381 | 11682 | 73009 | 10118 | 20055 | 40203 | 58013      | 69902 | 70186 | 875//   |        |       | 10144 | 20084 |
| Berlin-Tegel, Flugh. | 37   | 382 | 11580 | 73011 | 10122 | 20061 | 40199 | 56016      | 69902 | 70162 | 875//   |        |       | 10143 | 20083 |
| Berlin-Temp., Flugh. | 50   | 384 | 11572 | 82912 | 10121 | 20067 | 40205 | 57016      | 69912 | 72162 | 878//   |        |       | 10144 | 2010  |
| Berlin-Schönefeld    | 47   | 385 | 11475 | 82814 | 10120 | 20059 | 40198 | 57017      | 69902 | 72162 | 8687//  |        |       | 10147 | 20090 |
| Lindenberg           | 98   | 393 | 11565 | 82912 | 10105 | 20071 | 40202 | 56012      | 69902 | 76062 | 8422//  | 25     | 10    | 10150 | 20084 |
| Manschnow            | 12   | 396 | 16/59 | /2812 | 10104 | 20076 | 40189 | 56015      | 69902 |       |         | 26     | 10    | 10160 | 20091 |
| Düsseldorfer, Flugh. | 45   | 400 | 32975 | 73510 | 10181 | 20071 | 40266 | 55004      |       |       | 81031   |        |       | 10199 | 20093 |
| Bocholt              | 21   | 406 | 36/57 | /3506 | 10166 | 20057 | 40265 | 55003      |       |       |         |        |       | 10184 | 20070 |
| Essen                | 152  | 410 | 32980 | 73207 | 10168 | 20035 | 40263 | 56006      |       |       | 80001   |        |       | 10183 | 20094 |
| Ludenscheid          | 387  | 418 | 36/60 | /3204 | 10146 | 20031 | 40252 | 58004      |       |       |         |        |       | 10166 | 20076 |
| Kahler Asten *       | 839  | 427 | 32980 | 73216 | 10105 | 20012 | 48555 | 57008      |       |       | 81048   |        |       | 10138 | 20087 |
| Bad Lippspringe      | 157  | 430 | 36/// | /3208 | 10150 | 20055 | 40250 | 57007      |       |       |         |        |       | 10167 | 20070 |
| Kassel               | 231  | 438 | 32980 | 73306 | 10156 | 20031 | 40238 | 56006      |       |       | 81032   |        |       | 10180 | 20062 |
| Göttingen            | 167  | 444 | 36/60 | /3112 | 10155 | 20029 | 40239 | 56007      |       |       |         |        |       | 10173 | 20060 |
| Leinefelde           | 356  | 449 | 32775 | 83009 | 10138 | 20032 | 40232 | 58010      |       |       | 82547   |        |       | 10158 | 20080 |
| Braunlage            | 607  | 452 | 32584 | 72908 | 10100 | 20035 | 40228 | 57011      |       |       | 85841   |        |       | 10134 | 20084 |
| Brocken *            | 1142 | 453 | 32475 | 83224 | 10042 | 20033 | 48533 | 57012      |       |       | 86548   | 28     | 36    | 10074 | 20038 |
| Artern               | 164  | 460 | 32885 | 72810 | 10156 | 20042 | 40225 | 56010      |       |       | 85578   |        |       | 10181 | 20068 |
| Leipzig-Schkeuditz   | 144  | 469 | 11680 | 73312 | 10125 | 20067 | 40224 | 57008      | 69902 | 70262 | 875//   |        |       | 10170 | 20089 |
| Wittenberg           | 105  | 474 | 11766 | 73009 | 10121 | 20056 | 40217 | 56010      | 69902 | 70162 | 875//   |        |       | 10161 | 20085 |
| Oschatz              | 150  | 480 | 11575 | 83014 | 10128 | 20062 | 40216 | 57011      | 69902 | 72582 | 837//   |        |       | 10165 | 20082 |
| Dresden-Klotzsche    | 230  | 488 | 11770 | 83007 | 10112 | 20062 | 40211 | 56015      | 69912 | 72162 | 855//   | 28     | 10    | 10155 | 20081 |
| Dobbertin-Kirchhain  | 97   | 490 | 11670 | 83014 | 10119 | 20049 | 40214 | 56008      | 69902 | 72562 | 8652//  | 25     | 10    | 10159 | 20077 |
| Cottbus              | 69   | 496 | 11470 | 82811 | 10128 | 20064 | 40204 | 55008      | 69902 | 76162 | 8372//  | 28     | 10    | 10165 | 20083 |
| Görlitz              | 237  | 499 | 11665 | 82915 | 10117 | 20082 | 40200 | 56018      | 69932 | 78082 | 873//   | 25     | 10    | 10152 | 20072 |
| Aachen               | 202  | 501 | 32973 | 73504 | 10178 | 20034 | 40258 | 56006      |       |       | 80001   |        |       | 10196 | 20075 |
| Nörvenich            | 118  | 502 | 32970 | 73407 | 10185 | 20056 | 40265 | 57006      |       |       | 80001   |        |       | 10202 | 20087 |
| Nürnberg/Barweiler   | 485  | 506 | 32970 | 73409 | 10151 | 20057 | 40252 | 56006      |       |       | 80001   |        |       | 10169 | 20066 |
| Köln/Bonn, Flugh.    | 91   | 513 | 32975 | 63508 | 10184 | 20061 | 40253 | 56007      |       |       | 80002   |        |       | 10206 | 20066 |
| Mendig               | 182  | 514 | 32970 | 63308 | 10181 | 20062 | 40251 | 57007      |       |       | 80001   |        |       | 10206 | 20066 |
| Bendorf              | 127  | 515 | 36/59 | /3303 | 10193 | 20064 | 40247 | 56007      |       |       |         |        |       | 10212 | 20063 |
| Bad Marienberg       | 547  | 526 |       |       |       |       |       |            |       |       |         |        |       | 10168 | 20101 |
| Giessen              | 186  | 532 | 32975 | 72909 | 10192 | 20053 | 40240 | 56010      |       |       | 81048   |        |       | 10205 | 20063 |
| Bad Hersfeld         | 273  | 542 | 36/60 | /3508 | 10164 | 20059 | 40240 | 55004      |       |       |         |        |       | 10193 | 20038 |
| Wasserkuppe *        | 921  | 544 | 32787 | 63412 | 10121 | 20044 | 48559 | 57008      |       |       | 85502   |        |       | 10133 | 20076 |
| Meiningen            | 450  | 548 | 32682 | 73307 | 10159 | 20059 | 40230 | 56012      |       |       | 86502   |        |       | 10167 | 20074 |
| Schmücke *           | 937  | 552 | 36/// | /2908 | 10110 | 20038 | 48550 | 56010      |       |       |         |        |       | 10131 | 20073 |
| Erfurt-Bindersleben  | 315  | 554 | 32782 | 73113 | 10146 | 20035 | 40225 | 58008      |       |       | 8653//  |        |       | 10174 | 20065 |
| Neuhaus a.R. *       | 845  | 557 | 32687 | 73010 | 10120 | 20029 | 48545 | 57011      |       |       | 81146   |        |       | 10142 | 20068 |
| Gera-Leumnitz *      | 311  | 567 | 32785 | 83112 | 10149 | 20039 | 40215 | 58011      |       |       | 81127// | 26     |       | 10165 | 20073 |
| Chemnitz             | 418  | 577 | 31671 | 83513 | 10134 | 20078 | 40216 | 56014      |       |       | 72122   | 8117// |       | 10154 | 20068 |
| Fichtelberg *        | 1213 | 578 | 32470 | 72822 | 10074 | 20017 | 48523 | 58016      |       |       | 8227//  | 23     | 31    | 10092 | 20026 |
| Zinnwald-Georg. *    | 877  | 582 | 32482 | 83111 | 10095 | 20039 | 48521 | 57021      |       |       | 878//   |        |       | 10109 | 20055 |

| Station            | Höhe | 21 Uhr UTC |       |       |       |       | 18-21 |        |       | Erdbodentemp. |        |    |      |      |      |
|--------------------|------|------------|-------|-------|-------|-------|-------|--------|-------|---------------|--------|----|------|------|------|
|                    |      | iii        | ivhV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5sappp | 7wwWW | 8NCCC         | ff--ff | 05 | 10   | 20   | 50   |
|                    |      | Rx         |       |       | n     | ddd   |       |        | 12    | hLMH          | xx     | gg | sTTT | sTTT | sTTT |
|                    |      |            |       |       |       |       |       |        |       |               |        | n  | n    | n    | n    |
| Heigoland          | 4    | 015        | 42480 | 73321 | 10097 | 20070 | 40262 | 53011  |       | 876//         | 22     | 27 |      |      |      |
| List/Sylt          | 26   | 020        | 42365 | 23415 | 10093 | 20078 | 40258 | 53015  |       | 81601         | 23     | 27 |      |      |      |
| Leck               | 7    | 022        | 42960 | 13208 | 10084 | 20066 | 40253 | 52016  |       | 80001         |        | 25 | 0110 | 0124 | 0131 |
| Gülsburg/Meierwik  | 28   | 026        | 42770 | 33108 | 10084 | 20074 | 40251 | 52015  |       | 81531         |        |    | 0099 | 0113 | 0122 |
| Schleswig          | 27   | 033        | 42933 | 33211 | 10099 | 20086 | 40247 | 52018  |       | 80001         |        |    | 0132 | 0137 | 0141 |
| Hohn               | 43   | 035        | 42962 | 33211 | 10086 | 20072 | 40249 | 52014  |       | 80001         |        |    | 0104 | 0123 | 0126 |
| Kiel-Holtenau      | 12   | 038        | 42960 | 22908 | 10083 | 20054 | 40245 | 52012  |       | 80001         |        |    | 0114 | 0130 | 0132 |
| Westermarkelsdorf  | 31   | 046        | 42575 | 43307 | 10092 | 20069 | 40238 | 52017  |       | 81204         |        |    | 0104 | 0128 | 0130 |
| Arkona             | 3    | 055        | 42475 | 63520 | 10109 | 20057 | 40231 | 53023  |       | 81101         | 22     | 28 | 0104 | 0117 | 0124 |
| Norderney          | 42   | 091        | 41585 | 73617 | 10095 | 20066 | 40201 | 53021  | 72582 | 878//         | 24     | 33 | 0111 | 0113 | 0117 |
| Bremerhaven        | 11   | 113        | 42475 | 63518 | 10100 | 20073 | 40276 | 53008  |       | 86801         | 22     | 26 | 0139 | 0145 | 0155 |
| Luxemburg          | 7    | 129        | 42580 | 73512 | 10108 | 20069 | 40261 | 53008  |       | 875//         | 22     |    |      |      |      |
| Hamburg Flugh.     | 131  | 147        | 42475 | 73419 | 10105 | 20076 | 40261 | 52010  |       | 876//         | 25     | 31 |      |      |      |
| Lübeck-Blankensee  | 16   | 147        | 42975 | 33106 | 10094 | 20064 | 40255 | 53013  |       | 80001         |        |    | 0124 | 0136 | 0144 |
| Boitenhagen        | 14   | 156        | 46760 | /3004 | 10088 | 20071 | 40232 | 53010  |       |               |        |    | 0129 | 0141 | 0149 |
| Schwerin           | 15   | 161        | 42472 | 63421 | 10110 | 20083 | 40229 | 53016  |       | 82308         | 22     | 27 | 0118 | 0123 | 0129 |
| Rostock-Warnemünde | 59   | 162        | 42562 | 43110 | 10101 | 20077 | 40223 | 53008  |       | 84200         |        |    | 0102 | 0114 | 0126 |
| Teterow            | 4    | 170        | 42570 | 63524 | 10107 | 20067 | 40213 | 53018  |       | 84208         | 24     | 30 | 0100 | 0116 | 0123 |
| Barth              | 46   | 177        | 46760 | /3214 | 10097 | 20078 | 40205 | 53009  |       |               | 25     |    | 0102 | 0116 | 0121 |
| Greifswald         | 7    | 180        | 46760 | /3414 | 10105 | 20056 | 40209 | 53020  |       |               |        |    | 0112 | 0117 | 0121 |
| Ueckermünde        | 2    | 184        | 41684 | 83413 | 10105 | 20063 | 40195 | 53018  | 72162 | 885//         |        |    | 0111 | 0117 | 0125 |
| Emden-Hafen        | 193  | 186        | 46759 | /3403 | 10108 | 20077 | 40249 | 53007  |       |               | 30     |    | 0127 | 0131 | 0133 |
| Oldenburg          | 5    | 203        | 46759 | /3511 | 10106 | 20073 | 40275 | 52007  |       |               |        |    | 0144 | 0162 | 0166 |
| Bremen Flugh.      | 11   | 215        | 41570 | 53308 | 10106 | 20067 | 40262 | 51006  | 70152 | 84501         |        |    | 0144 | 0147 | 0154 |
| Soltau             | 3    | 224        | 41470 | 73108 | 10100 | 20071 | 40257 | 51012  | 70252 | 875//         |        |    | 0144 | 0149 | 0147 |
| Boizenburg         | 77   | 235        | 41475 | 33106 | 10100 | 20078 | 40249 | 53005  | 72581 | 82801         |        |    | 0132 | 0134 | 0148 |
| Lüchow             | 45   | 249        | 46760 | /2908 | 10090 | 20070 | 40240 | 51010  |       |               |        |    | 0131 | 0141 | 0149 |
| Seehausen          | 17   | 253        | 42570 | 73004 | 10098 | 20079 | 40232 | 53005  |       | 875//         |        | </ |      |      |      |

## Beobachtungen und Messungen der Wetterstationen des DWD

Höhenbeobachtungen vom Donnerstag den 29. Mai

1997

Nummer 149

Tropo-  
pause

Max N.

WJ 110  
2021

50/

100%

2007  
500/

---



| Station    | Schleswig                    | Greifswald                   | Hannover                     | Lindenberg                   | Essen                        | Dresden                      |
|------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| YYGG       | 2912                         | 2912                         | 2912                         | 2912                         | 2912                         | 2912                         |
| hPa        | TTTTd oder<br>ppp TTTd dffff | TTTTd oder<br>ppp TTTd dffff | TTTTd oder<br>ppp TTTd dffff | TTTTd oder<br>ppp TTTd dffff | TTTTd oder<br>ppp TTTd dffff | TTTTd oder<br>ppp TTTd dffff |
| 10         |                              | 3147 -36                     | 3142 -35                     |                              | 3140 -37                     | 3145 -35                     |
| 20         |                              | 2678 -44                     | 2672 -46                     |                              | 2674 -49                     | 2675 -47                     |
| 30         | 2409 -48                     | 2409 -49                     | 2406 -50                     | 11 14                        | 2407 -49                     | 2408 -50                     |
| 40         | 2075 -53                     | 2074 -50                     | 2074 -54                     | 8 13                         | 2074 -53                     | 2076 -52                     |
| 50         | 1858 -54                     | 1857 -53                     | 1858 -55                     | 3 13                         | 1857 -53                     | 1860 -56                     |
| 60         | 1630 -55                     | 1627 -54                     | 1630 -56                     | 1 15                         | 1627 -53                     | 1634 -57                     |
| 70         | 1371 -57                     | 1367 -54                     | 1373 -57                     | 77 35                        | 1367 -53                     | 1378 -59                     |
| 80         | 1191 -62                     | 1181 -56                     | 1194 -64                     | 72 36                        | 1183 -59                     | 1201 -65                     |
| 90         | 1050 -53                     | 1039 -54                     | 1054 -54                     | 62 36                        | 1042 -55                     | 1061 -53                     |
| 100        | 0930 -44                     | 0920 -45                     | 0934 -43                     | 49 35                        | 0923 -45                     | 0941 -43                     |
| 110        | 0730 -28                     | 0722 -30                     | 0733 -28                     | 33 48                        | 0724 -32                     | 0740 -27                     |
| 120        | 0566 -20                     | 0560 -22                     | 0570 -18                     | 37 44                        | 0563 -20                     | 0576 -16                     |
| 130        | 0308 -3                      | 0304 -6                      | 0311 -4                      | 6 33                         | 0307 -8                      | 0315 -2                      |
| 140        | 0153 2                       | 0150 -1                      | 0155 4                       | 17 33                        | 0153 2                       | 0158 5                       |
| 150        | 0020 8                       | 0018 8                       | 0023 8                       | 4 28                         | 0020 13                      | 0024 14                      |
| 160        |                              |                              |                              |                              |                              |                              |
| 170        |                              |                              |                              |                              |                              |                              |
| 180        |                              |                              |                              |                              |                              |                              |
| 190        |                              |                              |                              |                              |                              |                              |
| 200        |                              |                              |                              |                              |                              |                              |
| 210        |                              |                              |                              |                              |                              |                              |
| 220        |                              |                              |                              |                              |                              |                              |
| 230        |                              |                              |                              |                              |                              |                              |
| 240        |                              |                              |                              |                              |                              |                              |
| 250        |                              |                              |                              |                              |                              |                              |
| 260        |                              |                              |                              |                              |                              |                              |
| 270        |                              |                              |                              |                              |                              |                              |
| 280        |                              |                              |                              |                              |                              |                              |
| 290        |                              |                              |                              |                              |                              |                              |
| 300        |                              |                              |                              |                              |                              |                              |
| 310        |                              |                              |                              |                              |                              |                              |
| 320        |                              |                              |                              |                              |                              |                              |
| 330        |                              |                              |                              |                              |                              |                              |
| 340        |                              |                              |                              |                              |                              |                              |
| 350        |                              |                              |                              |                              |                              |                              |
| 360        |                              |                              |                              |                              |                              |                              |
| 370        |                              |                              |                              |                              |                              |                              |
| 380        |                              |                              |                              |                              |                              |                              |
| 390        |                              |                              |                              |                              |                              |                              |
| 400        |                              |                              |                              |                              |                              |                              |
| 410        |                              |                              |                              |                              |                              |                              |
| 420        |                              |                              |                              |                              |                              |                              |
| 430        |                              |                              |                              |                              |                              |                              |
| 440        |                              |                              |                              |                              |                              |                              |
| 450        |                              |                              |                              |                              |                              |                              |
| 460        |                              |                              |                              |                              |                              |                              |
| 470        |                              |                              |                              |                              |                              |                              |
| 480        |                              |                              |                              |                              |                              |                              |
| 490        |                              |                              |                              |                              |                              |                              |
| 500        |                              |                              |                              |                              |                              |                              |
| 510        |                              |                              |                              |                              |                              |                              |
| 520        |                              |                              |                              |                              |                              |                              |
| 530        |                              |                              |                              |                              |                              |                              |
| 540        |                              |                              |                              |                              |                              |                              |
| 550        |                              |                              |                              |                              |                              |                              |
| 560        |                              |                              |                              |                              |                              |                              |
| 570        |                              |                              |                              |                              |                              |                              |
| 580        |                              |                              |                              |                              |                              |                              |
| 590        |                              |                              |                              |                              |                              |                              |
| 600        |                              |                              |                              |                              |                              |                              |
| 610        |                              |                              |                              |                              |                              |                              |
| 620        |                              |                              |                              |                              |                              |                              |
| 630        |                              |                              |                              |                              |                              |                              |
| 640        |                              |                              |                              |                              |                              |                              |
| 650        |                              |                              |                              |                              |                              |                              |
| 660        |                              |                              |                              |                              |                              |                              |
| 670        |                              |                              |                              |                              |                              |                              |
| 680        |                              |                              |                              |                              |                              |                              |
| 690        |                              |                              |                              |                              |                              |                              |
| 700        |                              |                              |                              |                              |                              |                              |
| 710        |                              |                              |                              |                              |                              |                              |
| 720        |                              |                              |                              |                              |                              |                              |
| 730        |                              |                              |                              |                              |                              |                              |
| 740        |                              |                              |                              |                              |                              |                              |
| 750        |                              |                              |                              |                              |                              |                              |
| 760        |                              |                              |                              |                              |                              |                              |
| 770        |                              |                              |                              |                              |                              |                              |
| 780        |                              |                              |                              |                              |                              |                              |
| 790        |                              |                              |                              |                              |                              |                              |
| 800        |                              |                              |                              |                              |                              |                              |
| 810        |                              |                              |                              |                              |                              |                              |
| 820        |                              |                              |                              |                              |                              |                              |
| 830        |                              |                              |                              |                              |                              |                              |
| 840        |                              |                              |                              |                              |                              |                              |
| 850        |                              |                              |                              |                              |                              |                              |
| 860        |                              |                              |                              |                              |                              |                              |
| 870        |                              |                              |                              |                              |                              |                              |
| 880        |                              |                              |                              |                              |                              |                              |
| 890        |                              |                              |                              |                              |                              |                              |
| 900        |                              |                              |                              |                              |                              |                              |
| 910        |                              |                              |                              |                              |                              |                              |
| 920        |                              |                              |                              |                              |                              |                              |
| 930        |                              |                              |                              |                              |                              |                              |
| 940        |                              |                              |                              |                              |                              |                              |
| 950        |                              |                              |                              |                              |                              |                              |
| 960        |                              |                              |                              |                              |                              |                              |
| 970        |                              |                              |                              |                              |                              |                              |
| 980        |                              |                              |                              |                              |                              |                              |
| 990        |                              |                              |                              |                              |                              |                              |
| 1000       |                              |                              |                              |                              |                              |                              |
| Tropopause | 2000 -62 -70 35 78           | 2130 -57 -70 34 74           | 2010 -64 -72 36 72           | 2060 -60 -73 35 63           | 1990 -68 -75                 | 2030 -61 -72 36 64           |
| Max-wind   | 2400 -55 -61 35 93           | 2580 -53 -63 34 96           | 2360 -57 -65 36 76           | 2400 -56 -65 36 80           |                              | 2190 -59 -70 36 77           |
| 30/50      | 0334                         | 0335                         | 0332                         | 0333                         | 0332                         | 0331                         |
| 50/100     | 0445                         | 0447                         | 0444                         | 0447                         | 0442                         | 0448                         |
| 100/200    | 0439                         | 0446                         | 0436                         | 0444                         | 0433                         | 0443                         |
| 200/500    | 0625                         | 0621                         | 0624                         | 0620                         | 0625                         | 0621                         |
| 500/1000   | 0546                         | 0542                         | 0547                         | 0543                         | 0552                         |                              |

| Station         | Meiningen |       |       |       |      |       | Stuttgart |       |      |       |       |       | Muenchen |       |       |  |  |  |
|-----------------|-----------|-------|-------|-------|------|-------|-----------|-------|------|-------|-------|-------|----------|-------|-------|--|--|--|
| YYGG            | 1912      |       |       |       |      |       | 1912      |       |      |       |       |       | 1912     |       |       |  |  |  |
|                 | hhhh      | TTTTd | ddfff |       | hhhh | TTTTd | ddfff     |       | hhhh | TTTTd | ddfff |       | hhhh     | TTTTd | ddfff |  |  |  |
|                 | ppp       | oder  | TTTTd | ddfff | ppp  | oder  | TTTTd     | ddfff | ppp  | oder  | TTTTd | ddfff | ppp      | oder  | TTTTd |  |  |  |
| hPa             |           |       |       |       |      |       |           |       |      |       |       |       |          |       |       |  |  |  |
| 10              | 3138      | -36   |       | 11 29 | 3132 | -41   |           | 11 30 |      |       |       |       |          |       |       |  |  |  |
| 20              | 2669      | -48   |       | 11 21 | 2667 | -49   |           | 10 21 |      |       |       |       |          |       |       |  |  |  |
| 30              | 2405      | -52   |       | 8 18  | 2402 | -52   |           | 9 20  |      |       |       |       |          |       |       |  |  |  |
| 50              | 2075      | -55   |       | 6 8   | 2072 | -55   |           | 5 9   |      |       |       |       |          |       |       |  |  |  |
| 70              | 1858      | -55   |       | 2 15  | 1858 | -56   |           | 2 15  |      |       |       |       |          |       |       |  |  |  |
| 100             | 1631      | -56   | -88   | 36 17 | 1631 | -58   | -89       | 35 19 | 1629 | -57   | -84   | 35 19 |          |       |       |  |  |  |
| 150             | 1373      | -59   | -83   | 35 35 | 1376 | -58   | -83       | 35 28 | 1372 | -56   | -80   | 35 32 |          |       |       |  |  |  |
| 200             | 1194      | -62   | -71   | 1 62  | 1197 | -64   | -73       | 1 49  | 1191 | -62   | -72   | 36 52 |          |       |       |  |  |  |
| 250             | 1055      | -54   | -61   | 36 61 | 1058 | -54   | -62       | 2 49  | 1051 | -55   | -63   | 2 63  |          |       |       |  |  |  |
| 300             | 0935      | -43   | -49   | 36 60 | 0938 | -44   | -52       | 36 48 | 0932 | -45   | -52   | 1 60  |          |       |       |  |  |  |
| 400             | 0734      | -29   | -34   | 35 56 | 0738 | -28   | -36       | 36 45 | 0732 | -29   | -36   | 35 45 |          |       |       |  |  |  |
| 500             | 0571      | -18   | -25   | 36 47 | 0573 | -17   | -26       | 36 37 | 0570 | -19   | -26   | 35 25 |          |       |       |  |  |  |
| 700             | 0312      | - 4   | -10   | 34 19 | 0313 | - 2   | -13       | 36 14 | 0311 | - 4   | -41   | 1 15  |          |       |       |  |  |  |
| 850             | 0157      | 3     | - 1   | 29 6  | 0157 | 3     | - 3       | 10 7  | 0157 | 3     | - 3   | 4 3   |          |       |       |  |  |  |
| 1000            |           |       |       |       |      |       |           |       |      |       |       |       |          |       |       |  |  |  |
|                 |           |       |       |       | 0100 | -41   |           | 11 30 |      |       |       |       |          |       |       |  |  |  |
|                 |           |       |       |       | 0118 |       |           | 10 34 |      |       |       |       |          |       |       |  |  |  |
|                 |           |       |       |       | 0138 | -42   |           |       |      |       |       |       |          |       |       |  |  |  |
|                 | 0088      | -34   |       | 10 27 | 0145 |       |           | 8 26  |      |       |       |       |          |       |       |  |  |  |
|                 | 0108      |       |       | 11 35 | 0189 | -49   |           |       |      |       |       |       |          |       |       |  |  |  |
|                 | 0129      |       |       | 8 37  | 0199 |       |           | 10 21 |      |       |       |       |          |       |       |  |  |  |
|                 | 0145      |       |       | 8 29  | 0239 |       |           | 9 17  |      |       |       |       |          |       |       |  |  |  |
|                 | 0163      |       |       | 10 21 | 0257 | -50   |           |       |      |       |       |       |          |       |       |  |  |  |
|                 | 0182      | -48   |       |       | 0276 | -52   |           |       |      |       |       |       |          |       |       |  |  |  |
|                 | 0200      | -48   |       | 11 21 | 0343 |       |           | 10 17 |      |       |       |       |          |       |       |  |  |  |
|                 | 0275      |       |       | 7 18  | 0364 | -54   |           |       |      |       |       |       |          |       |       |  |  |  |
|                 | 0300      | -52   |       | 8 18  | 0393 | -52   |           |       |      |       |       |       |          |       |       |  |  |  |
|                 | 0335      |       |       | 8 15  | 0408 |       |           | 6 14  |      |       |       |       |          |       |       |  |  |  |
|                 | 0376      |       |       | 10 15 | 0456 |       |           | 7 10  |      |       |       |       |          |       |       |  |  |  |
|                 | 0441      | -52   |       |       | 0510 |       |           | 5 8   |      |       |       |       |          |       |       |  |  |  |
|                 | 0456      |       |       | 6 11  | 0540 |       |           | 6 6   |      |       |       |       |          |       |       |  |  |  |
|                 | 0489      | -55   |       |       | 0560 | -56   |           | 9 8   |      |       |       |       |          |       |       |  |  |  |
|                 | 0535      |       |       | 6 6   | 0602 |       |           | 10 11 |      |       |       |       |          |       |       |  |  |  |
|                 | 0555      | -52   |       |       | 0635 | -54   |           |       |      |       |       |       |          |       |       |  |  |  |
|                 |           |       |       | 6 10  | 0665 | -56   |           |       | 0957 | -57   |       | 35 19 |          |       |       |  |  |  |
|                 | 0714      |       |       | 1 14  | 0690 |       |           | 3 15  | 1000 | -57   | -84   | 35 19 |          |       |       |  |  |  |
|                 | 0830      | -57   |       |       | 0792 |       |           | 2 13  | 1130 |       |       | 34 21 |          |       |       |  |  |  |
|                 | 0880      |       |       | 35 15 | 0852 | -56   |           |       | 1340 | -58   | -85   |       |          |       |       |  |  |  |
|                 | 1000      | -56   | -88   | 36 17 | 0883 |       |           | 35 14 | 1400 |       |       | 35 25 |          |       |       |  |  |  |
|                 | 1310      |       |       | 35 26 | 1000 | -58   | -89       | 35 19 | 1560 | -56   | -79   |       |          |       |       |  |  |  |
|                 | 1380      | -56   | -84   |       | 1300 |       |           | 34 24 | 1690 | -58   | -78   |       |          |       |       |  |  |  |
|                 | 1470      | -58   | -82   |       | 1350 | -59   | -90       |       | 1810 | -58   | -73   |       |          |       |       |  |  |  |
|                 | 1560      | -59   | -81   |       | 1400 |       |           | 35 25 | 1910 | -63   | -74   |       |          |       |       |  |  |  |
|                 | 1660      | -59   | -76   |       | 1520 | -58   | -83       |       | 1970 | -62   | -73   | 36 52 |          |       |       |  |  |  |
|                 | 1820      | -64   | -75   | 36 47 | 1540 | -58   | -83       |       | 2020 |       |       | 36 52 |          |       |       |  |  |  |
|                 | 1860      |       |       | 1 48  | 1700 | -60   | -76       |       | 2180 | -60   | -69   |       |          |       |       |  |  |  |
|                 | 1930      | -62   | -72   |       | 1890 | -64   | -73       |       | 2340 | -57   | -65   |       |          |       |       |  |  |  |
|                 | 2090      | -62   | -70   | 1 68  | 2040 | -64   | -73       | 2 53  | 2400 | -57   | -65   |       |          |       |       |  |  |  |
|                 | 2130      | -62   | -70   |       | 2210 | -61   | -70       |       | 2600 | -53   | -61   | 2 66  |          |       |       |  |  |  |
| M               | 2290      | -59   | -67   |       | 2250 | -60   | -69       | 2 62  | 3680 | -33   | -39   |       |          |       |       |  |  |  |
| a               | 2930      | -44   | -50   |       | 2540 |       |           | 2 47  | 3750 | -32   | -37   |       |          |       |       |  |  |  |
| r               | 3520      | -34   | -40   |       | 2670 | -51   | -58       |       | 3840 |       |       | 35 47 |          |       |       |  |  |  |
| k               | 4100      | -28   | -33   |       | 3140 |       |           | 36 47 | 4340 | -25   | -35   |       |          |       |       |  |  |  |
| n               | 4710      | -16   | -24   | 35 52 | 3550 | -34   | -42       |       | 4700 | -21   | -29   |       |          |       |       |  |  |  |
| t               | 5310      | -15   | -23   | 36 44 | 3730 | -32   | -38       |       | 5220 | -17   | -23   |       |          |       |       |  |  |  |
| e               | 5840      | -12   | -16   |       | 4410 | -22   | -33       |       | 5710 | -13   | -23   |       |          |       |       |  |  |  |
|                 | 6000      |       |       | 35 34 | 6000 |       |           | 36 45 | 6000 |       |       | 35 22 |          |       |       |  |  |  |
|                 |           |       |       |       |      |       |           | 1 27  |      |       |       |       |          |       |       |  |  |  |
|                 | 6200      | - 9   | -25   |       | 6090 | - 9   | -16       |       | 6210 | - 9   | -16   |       |          |       |       |  |  |  |
| P               | 6570      | - 7   | -13   |       | 6420 | - 6   | -23       |       | 6430 | - 8   | -19   |       |          |       |       |  |  |  |
| u               | 6830      | - 4   | -12   |       | 6690 | - 4   | -10       |       | 6520 | - 7   | -30   | 34 15 |          |       |       |  |  |  |
| n               | 6990      | - 4   | - 9   |       | 6850 |       |           | 36 14 | 6880 | - 5   | -39   |       |          |       |       |  |  |  |
| k               | 7140      | - 3   | -43   |       | 7400 | 1     | -21       |       | 7080 | - 4   | -43   | 1 11  |          |       |       |  |  |  |
| t               | 7380      | - 3   | -33   |       | 7520 | 1     | -44       |       | 7380 | - 2   | -37   |       |          |       |       |  |  |  |
| e               | 7640      | - 1   | -41   | 33 14 | 7820 | 3     | -35       | 3 10  | 7420 | - 3   | -36   |       |          |       |       |  |  |  |
|                 | 7790      | - 1   | -27   |       | 7880 | 2     | -29       |       | 7590 | - 2   | -22   |       |          |       |       |  |  |  |
|                 | 7930      | - 2   | - 8   | 31 7  | 8000 |       |           | 7 6   | 7850 | 0     | -20   |       |          |       |       |  |  |  |
|                 | 8000      |       |       | 31 7  | 8010 | 3     | -26       |       | 8000 | - 1   | - 9   | 3 3   |          |       |       |  |  |  |
|                 | 8120      | 0     | - 7   | 30 6  | 8270 | 2     | - 6       | 9 6   | 8150 | - 1   | - 4   |       |          |       |       |  |  |  |
|                 | 8220      | 0     | - 2   |       | 8460 | 3     | - 3       |       | 8690 |       |       | 4 3   |          |       |       |  |  |  |
|                 | 8420      |       |       | 28 6  | 8880 |       |           | 9 8   | 8720 | 5     | - 4   | 7 3   |          |       |       |  |  |  |
|                 | 8730      |       |       | 29 7  | 9250 | 10    | - 1       | 8 6   | 9080 |       |       | 8 2   |          |       |       |  |  |  |
|                 | 9250      | 9     | 0     | 30 9  | 9360 |       |           | 8 6   | 9250 | 10    | - 2   | 7 2   |          |       |       |  |  |  |
|                 | 9380      |       |       | 30 10 | 9510 | 13    | - 1       |       | 9400 | 11    | - 2   |       |          |       |       |  |  |  |
|                 | 9610      | 13    | 1     |       | 9770 | 15    | - 1       |       | 9620 | 13    | - 1   | 6 4   |          |       |       |  |  |  |
|                 | 9740      | 15    | 3     | 32 10 | 9890 | 17    | 0         | 12 5  | 9690 | 15    | 1     | 10 4  |          |       |       |  |  |  |
| Tropo-<br>pause | 1820      | -64   | -75   | 36 47 | 2040 | -64   | -73       | 2 53  | 1970 | -62   | -73   | 36 52 |          |       |       |  |  |  |
| Max-<br>wind    | 2090      | -62   | -70   | 1 68  | 2250 | -60   | -69       | 2 62  | 2600 | -53   | -61   | 2 66  |          |       |       |  |  |  |
| 30/50           | 0330      |       |       |       | 0330 |       |           |       |      |       |       |       |          |       |       |  |  |  |
| 50/100          | 0444      |       |       |       | 0441 |       |           |       |      |       |       |       |          |       |       |  |  |  |
| 100/200         | 0437      |       |       |       | 0434 |       |           |       |      |       |       |       |          |       |       |  |  |  |
| 200/500         | 0623      |       |       |       | 0624 |       |           |       |      |       |       |       |          |       |       |  |  |  |
| 500/1000        |           |       |       |       |      |       |           |       |      |       |       |       |          |       |       |  |  |  |

## Höhenwinde

| Station | Schleswig<br>2906 | Hannover<br>2906 | Essen<br>2906 | Stuttgart<br>2906 | Greifswald<br>2906 | Dresden<br>2906 | Meiningen<br>2906 | Schleswig<br>2918 | Hannover<br>2918 | Essen<br>2918 | Stuttgart<br>2918 | Muenchen<br>2918 | Greifswald<br>2918 | Dresden<br>2918 | Meiningen<br>2918 |
|---------|-------------------|------------------|---------------|-------------------|--------------------|-----------------|-------------------|-------------------|------------------|---------------|-------------------|------------------|--------------------|-----------------|-------------------|
| Ylgen   | 8 42              | 7 38             | 9 29          | 9 21              | 9 29               | 8 26            | 9 29              | 9 32              | 9 26             | 7 33          | 10 22             | 9 22             | 9 32               | 9 31            | 9 30              |
| Piloten | 9 28              | 9 29             | 9 29          | 9 21              | 9 29               | 8 26            | 9 29              | 9 32              | 9 25             | 8 23          | 7 19              | 9 22             | 8 23               | 7 22            | 8 25              |
| Ylgen   | 10 18             | 9 17             | 10 15         | 7 21              | 10 21              | 8 26            | 9 29              | 9 32              | 9 25             | 8 23          | 7 19              | 9 22             | 8 23               | 7 22            | 8 25              |
| Piloten | 4 15              | 6 13             | 7 11          | 7 16              | 5 11               | 6 15            | 7 16              | 6 18              | 6 16             | 5 14          | 5 12              | 6 10             | 6 18               | 6 12            | 6 12              |
| Ylgen   | 1 20              | 1 19             | 36 14         | 2 13              | 3 16               | 36 12           | 3 17              | 3 18              | 2 9              | 3 17          | 36 8              | 32 10            | 35 11              | 3 13            | 36 11             |
| Piloten | 36 23             | 35 23            | 1 19          | 36 22             | 3 16               | 36 27           | 3 17              | 3 18              | 3 17             | 3 17          | 36 8              | 32 10            | 35 11              | 3 13            | 36 11             |
| Ylgen   | 15 9              | 36 23            | 1 19          | 36 22             | 3 16               | 36 27           | 3 17              | 3 18              | 3 17             | 3 17          | 36 8              | 32 10            | 35 11              | 3 13            | 36 11             |
| Piloten | 35 38             | 36 36            | 35 33         | 35 37             | 36 38              | 36 38           | 35 37             | 35 38             | 35 36            | 35 32         | 34 19             | 34 19            | 34 34              | 35 40           | 35 40             |
| Ylgen   | 36 71             | 36 49            | 36 38         | 34 55             | 36 57              | 1 54            | 35 38             | 35 38             | 35 36            | 35 32         | 34 19             | 34 19            | 34 34              | 35 40           | 35 40             |
| Piloten | 12 0              | 36 75            | 1 70          | 2 56              | 36 83              | 1 87            | 36 83             | 35 83             | 35 80            | 36 42         | 36 22             | 35 74            | 35 74              | 35 70           | 35 71             |
| Ylgen   | 36 75             | 1 70             | 2 56          | 36 48             | 36 83              | 1 87            | 36 83             | 35 83             | 35 80            | 36 42         | 36 22             | 35 74            | 35 74              | 35 70           | 35 71             |
| Piloten | 35 62             | 36 64            | 1 47          | 36 52             | 36 74              | 1 74            | 36 74             | 35 74             | 35 72            | 36 42         | 36 22             | 35 74            | 35 74              | 35 70           | 35 71             |
| Ylgen   | 35 62             | 36 64            | 1 47          | 36 52             | 36 74              | 1 74            | 36 74             | 35 74             | 35 72            | 36 42         | 36 22             | 35 74            | 35 74              | 35 70           | 35 71             |
| Piloten | 35 44             | 36 49            | 36 46         | 35 48             | 34 34              | 36 49           | 35 47             | 35 47             | 35 44            | 35 42         | 36 42             | 35 42            | 35 42              | 35 38           | 36 70             |
| Ylgen   | 35 44             | 36 49            | 36 46         | 35 48             | 34 34              | 36 49           | 35 47             | 35 47             | 35 44            | 35 42         | 36 42             | 35 42            | 35 42              | 35 38           | 36 70             |
| Piloten | 34 38             | 35 38            | 36 26         | 35 34             | 33 30              | 36 33           | 34 34             | 35 34             | 35 33            | 36 45         | 35 38             | 34 34            | 35 34              | 35 31           | 35 31             |
| Ylgen   | 34 38             | 35 38            | 36 26         | 35 34             | 33 30              | 36 33           | 34 34             | 35 34             | 35 33            | 36 45         | 35 38             | 34 34            | 35 34              | 35 31           | 35 31             |
| Piloten | 32 25             | 32 25            | 32 25         | 32 25             | 32 26              | 36 21           | 32 26             | 35 39             | 34 51            | 36 33         | 34 30             | 33 22            | 34 50              | 32 31           | 34 39             |
| Ylgen   | 32 25             | 32 25            | 32 25         | 32 25             | 32 26              | 36 21           | 32 26             | 35 39             | 34 51            | 36 33         | 34 30             | 33 22            | 34 50              | 32 31           | 34 39             |
| Piloten | 31 21             | 31 21            | 31 21         | 31 21             | 31 21              | 36 11           | 31 21             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 31 21             | 31 21            | 31 21         | 31 21             | 31 21              | 36 11           | 31 21             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 30 22             | 30 16            | 30 16         | 30 16             | 30 16              | 36 9            | 30 16             | 36 26             | 32 35            | 34 19         | 32 6              | 30 8             | 33 40              | 28 28           | 31 16             |
| Ylgen   | 30 22             | 30 16            | 30 16         | 30 16             | 30 16              | 36 9            | 30 16             | 36 26             | 32 35            | 34 19         | 32 6              | 30 8             | 33 40              | 28 28           | 31 16             |
| Piloten | 29 16             | 29 16            | 29 16         | 29 16             | 29 16              | 36 9            | 29 16             | 35 21             | 31 23            | 34 12         | 33 8              | 30 6             | 32 35              | 30 24           | 31 15             |
| Ylgen   | 29 16             | 29 16            | 29 16         | 29 16             | 29 16              | 36 9            | 29 16             | 35 21             | 31 23            | 34 12         | 33 8              | 30 6             | 32 35              | 30 24           | 31 15             |
| Piloten | 28 25             | 28 25            | 28 25         | 28 25             | 28 26              | 36 21           | 28 26             | 35 39             | 34 51            | 36 33         | 34 30             | 33 22            | 34 50              | 32 31           | 34 39             |
| Ylgen   | 28 25             | 28 25            | 28 25         | 28 25             | 28 26              | 36 21           | 28 26             | 35 39             | 34 51            | 36 33         | 34 30             | 33 22            | 34 50              | 32 31           | 34 39             |
| Piloten | 27 16             | 27 16            | 27 16         | 27 16             | 27 16              | 36 11           | 27 16             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 27 16             | 27 16            | 27 16         | 27 16             | 27 16              | 36 11           | 27 16             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 26 7              | 26 7             | 26 7          | 26 7              | 26 7               | 36 11           | 26 7              | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 26 7              | 26 7             | 26 7          | 26 7              | 26 7               | 36 11           | 26 7              | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 25 31             | 25 31            | 25 31         | 25 31             | 25 31              | 36 11           | 25 31             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 25 31             | 25 31            | 25 31         | 25 31             | 25 31              | 36 11           | 25 31             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 24 42             | 24 42            | 24 42         | 24 42             | 24 42              | 36 11           | 24 42             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 24 42             | 24 42            | 24 42         | 24 42             | 24 42              | 36 11           | 24 42             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 23 57             | 23 57            | 23 57         | 23 57             | 23 57              | 36 11           | 23 57             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 23 57             | 23 57            | 23 57         | 23 57             | 23 57              | 36 11           | 23 57             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 23 11             | 23 11            | 23 11         | 23 11             | 23 11              | 36 11           | 23 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 23 11             | 23 11            | 23 11         | 23 11             | 23 11              | 36 11           | 23 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 22 26             | 22 26            | 22 26         | 22 26             | 22 26              | 36 11           | 22 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 22 26             | 22 26            | 22 26         | 22 26             | 22 26              | 36 11           | 22 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 21 41             | 21 41            | 21 41         | 21 41             | 21 41              | 36 11           | 21 41             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 21 41             | 21 41            | 21 41         | 21 41             | 21 41              | 36 11           | 21 41             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 20 56             | 20 56            | 20 56         | 20 56             | 20 56              | 36 11           | 20 56             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 20 56             | 20 56            | 20 56         | 20 56             | 20 56              | 36 11           | 20 56             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 20 11             | 20 11            | 20 11         | 20 11             | 20 11              | 36 11           | 20 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 20 11             | 20 11            | 20 11         | 20 11             | 20 11              | 36 11           | 20 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 19 26             | 19 26            | 19 26         | 19 26             | 19 26              | 36 11           | 19 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 19 26             | 19 26            | 19 26         | 19 26             | 19 26              | 36 11           | 19 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 18 41             | 18 41            | 18 41         | 18 41             | 18 41              | 36 11           | 18 41             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 18 41             | 18 41            | 18 41         | 18 41             | 18 41              | 36 11           | 18 41             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 17 56             | 17 56            | 17 56         | 17 56             | 17 56              | 36 11           | 17 56             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 17 56             | 17 56            | 17 56         | 17 56             | 17 56              | 36 11           | 17 56             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 17 11             | 17 11            | 17 11         | 17 11             | 17 11              | 36 11           | 17 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 17 11             | 17 11            | 17 11         | 17 11             | 17 11              | 36 11           | 17 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 16 26             | 16 26            | 16 26         | 16 26             | 16 26              | 36 11           | 16 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 16 26             | 16 26            | 16 26         | 16 26             | 16 26              | 36 11           | 16 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 15 41             | 15 41            | 15 41         | 15 41             | 15 41              | 36 11           | 15 41             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 15 41             | 15 41            | 15 41         | 15 41             | 15 41              | 36 11           | 15 41             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 14 56             | 14 56            | 14 56         | 14 56             | 14 56              | 36 11           | 14 56             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 14 56             | 14 56            | 14 56         | 14 56             | 14 56              | 36 11           | 14 56             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 14 11             | 14 11            | 14 11         | 14 11             | 14 11              | 36 11           | 14 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 14 11             | 14 11            | 14 11         | 14 11             | 14 11              | 36 11           | 14 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 13 26             | 13 26            | 13 26         | 13 26             | 13 26              | 36 11           | 13 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 13 26             | 13 26            | 13 26         | 13 26             | 13 26              | 36 11           | 13 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 12 41             | 12 41            | 12 41         | 12 41             | 12 41              | 36 11           | 12 41             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 12 41             | 12 41            | 12 41         | 12 41             | 12 41              | 36 11           | 12 41             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 11 56             | 11 56            | 11 56         | 11 56             | 11 56              | 36 11           | 11 56             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 11 56             | 11 56            | 11 56         | 11 56             | 11 56              | 36 11           | 11 56             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 11 11             | 11 11            | 11 11         | 11 11             | 11 11              | 36 11           | 11 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 11 11             | 11 11            | 11 11         | 11 11             | 11 11              | 36 11           | 11 11             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 10 26             | 10 26            | 10 26         | 10 26             | 10 26              | 36 11           | 10 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 10 26             | 10 26            | 10 26         | 10 26             | 10 26              | 36 11           | 10 26             | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 9 41              | 9 41             | 9 41          | 9 41              | 9 41               | 36 11           | 9 41              | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 9 41              | 9 41             | 9 41          | 9 41              | 9 41               | 36 11           | 9 41              | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Piloten | 8 56              | 8 56             | 8 56          | 8 56              | 8 56               | 36 11           | 8 56              | 35 35             | 32 38            | 35 24         | 32 10             | 30 13            | 32 37              | 32 36           | 32 37             |
| Ylgen   | 8 56              | 8 56             | 8 56</        |                   |                    |                 |                   |                   |                  |               |                   |                  |                    |                 |                   |

## Höhenwinde

| Station<br>YGG    | Schleswig<br>2906 | Hannover<br>2906 | Essen<br>2906 | Stuttgart<br>2906 | Greifswald<br>2906 | Dresden<br>2906 | Meiningen<br>2906     | Schleswig<br>2918 | Hannover<br>2918               | Essen<br>2918 | Stuttgart<br>2918 | Muenchen<br>2918 | Greifswald<br>2918 | Dresden<br>2918 | Meiningen<br>2918 |
|-------------------|-------------------|------------------|---------------|-------------------|--------------------|-----------------|-----------------------|-------------------|--------------------------------|---------------|-------------------|------------------|--------------------|-----------------|-------------------|
| Piloten           | ddfff             | ddfff            | ddfff         | ddfff             | ddfff              | ddfff           | ddfff                 | ddfff             | ddfff                          | ddfff         | ddfff             | ddfff            | ddfff              | ddfff           | ddfff             |
| gipfel -          | 33.6              | 33.9             | 33.3          | 26.7              | 32.4               | 31.8            | 33.3                  | 34.5              | 32.7                           | 33.6          | 32.4              | 32.1             | 33.0               | 33.3            | 33.6              |
| punkt             | ddfff             | 9 44             | 9 48          | 9 21              | 8 48               | 10 49           | 9 45                  | 9 45              | 9 32                           | 9 32          | 8 34              | 9 34             | 35 106             | 9 24            | 9 42              |
| 30.9              | 8 42              | 7 38             | 7 42          |                   | 9 40               | 7 39            |                       | 9 32              | 9 26                           | 7 33          | 10 22             | 9 22             |                    | 9 31            | 9 30              |
| 26.4              | 9 28              | 9 29             | 9 29          | 9 21              | 9 29               | 8 26            |                       | 9 25              | 8 25                           | 8 23          | 7 19              | 8 23             |                    | 7 22            | 8 25              |
| 23.7              | 10 16             | 9 17             | 10 15         | 7 21              | 10 21              | 8 15            |                       | 8 16              | 9 17                           | 8 25          | 8 22              | 9 18             |                    | 9 22            | 9 21              |
| 20.7              | 4 15              | 6 13             | 7 11          | 7 16              | 5 11               | 6 15            |                       | 6 18              | 2 9                            | 5 14          | 5 12              | 6 10             |                    | 8 8             | 6 12              |
| 18.3              | 1 20              | 1 19             | 36 14         | 2 13              | 3 11               | 36 12           | 1 23                  | 34 15             | 1 17                           | 35 11         | 36 8              | 32 10            |                    | 3 13            | 36 11             |
| 15.9              | 36 23             | 35 23            | 1 19          | 36 22             | 36 29              | 36 27           |                       | 35 19             | 34 22                          | 36 18         | 34 19             | 34 21            |                    | 34 23           | 35 21             |
| 13.5              | 35 38             | 36 36            | 35 33         | 35 37             | 36 36              | 36 38           |                       | 35 47             | 35 37                          | 35 32         | 34 34             | 34 31            |                    | 35 40           | 35 33             |
| 12.0              | 36 71             | 36 49            | 36 38         | 34 55             | 36 57              | 1 54            | 35 56                 | 35 84             | 35 78                          | 36 45         | 36 52             | 35 54            |                    | 35 70           | 35 71             |
| 10.5              | 36 75             | 1 70             | 2 59          | 36 48             | 36 93              | 1 87            |                       | 35 83             | 35 81                          | 36 45         | 36 52             | 36 73            |                    | 35 85           | 36 73             |
| 9.0               | 35 62             | 36 64            | 1 47          | 36 52             | 36 74              | 1 74            |                       | 35 81             | 35 77                          | 36 43         | 36 52             | 35 62            | 35 106             | 35 89           | 36 70             |
| 7.2               | 35 57             | 35 44            | 36 49         | 35 48             | 35 47              | 36 49           |                       | 35 79             | 35 74                          | 35 42         | 36 49             | 35 51            | 35 95              | 34 65           | 35 63             |
| 5.4               | 34 43             | 36 40            | 36 46         | 35 34             | 34 34              | 36 33           |                       | 35 56             | 34 55                          | 36 45         | 35 38             | 34 40            | 35 67              | 33 52           | 34 51             |
| 4.2               | 33 38             | 35 38            | 36 26         | 36 25             | 33 30              | 1 27            | 36 27                 | 36 49             | 34 57                          | 35 36         | 34 30             | 35 32            | 34 50              | 32 41           | 34 39             |
| 3.0               | 33 28             |                  |               | 1 18              | 32 26              | 36 21           |                       | 35 39             | 34 51                          | 36 33         | 34 20             | 33 22            | 34 32              | 32 36           | 34 37             |
| 2.1               | 32 25             |                  |               | 6 13              | 31 21              | 1 16            | 35 10                 | 35 35             | 32 38                          | 35 24         | 32 10             | 33 22            | 32 37              | 29 31           | 32 24             |
| 1.5               | 31 22             |                  |               | 10 17             | 30 16              | 36 11           | 35 12                 | 36 26             | 32 35                          | 34 19         | 32 6              | 30 8             | 33 40              | 28 28           | 31 16             |
| .9                | 30 22             |                  |               | 11 16             | 29 16              | 36 9            | 34 7                  | 35 21             | 31 23                          | 34 12         | 33 8              | 30 6             | 32 35              | 30 24           | 31 15             |
| Maximal-<br>winde | hhhh              | ddfff hhhh       | ddfff hhhh    | ddfff hhhh        | ddfff hhhh         | ddfff hhhh      | ddfff hhhh            | ddfff hhhh        | ddfff hhhh                     | ddfff hhhh    | ddfff hhhh        | ddfff hhhh       | ddfff hhhh         | ddfff hhhh      | ddfff             |
|                   | 1129              | 1 85 1094        | 2 76          | 1225 35 62        | 1060 36 85 1100    | 1 90            | 1095 35 87 1075 35 83 |                   | 1059 36 74 0791 34 108 1132 35 |               |                   |                  |                    |                 | 91 1143 36 77     |