

# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

Beilage 1

## BODENWETTERMELDUNGEN

Jahrgang 6

Sonabend, den 19. Dezember 1981

Nummer 353

| Station              | Höhe | 00 Uhr GMT |       |       |                                                |                                   |       |  | 03 Uhr GMT |       |       |                                                |                                   | 18-00                                                        |                                                              |       |
|----------------------|------|------------|-------|-------|------------------------------------------------|-----------------------------------|-------|--|------------|-------|-------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|-------|
|                      |      | Nddff      | VVwW  | PPPT  | N <sub>2</sub> ChC <sub>6</sub> H <sub>6</sub> | T <sub>2</sub> T <sub>8</sub> 999 |       |  | Nddff      | VVwW  | PPPT  | N <sub>2</sub> ChC <sub>6</sub> H <sub>6</sub> | T <sub>2</sub> T <sub>8</sub> 999 | t <sub>1</sub> t <sub>2</sub> -t <sub>3</sub> t <sub>4</sub> | t <sub>1</sub> t <sub>2</sub> -t <sub>3</sub> t <sub>4</sub> | 788-- |
| Helgoland            | 4    | 015        | 30211 | 57101 | 07355                                          | 36300                             | 57206 |  | 30214      | 57101 | 09255 | 36300                                          | 56219                             |                                                              |                                                              |       |
| List                 | 26   | 020        | 30106 | 0546- | 08459                                          | 36200                             | 59306 |  | 00307      | 56104 | 09858 | 00900                                          | 61214                             |                                                              |                                                              | 700-- |
| Leck                 | 7    | 022        | 83503 | 25102 | 07961                                          | 864--                             | 62602 |  |            |       |       |                                                |                                   |                                                              |                                                              | 700-- |
| Husum                | 28   | 026        | 83605 | 25772 | 07159                                          | 864--                             | 59205 |  | 53405      | 50105 | 08060 | 55400                                          | 60209                             |                                                              |                                                              |       |
| Meierwick            | 27   | 033        | 80111 | 57102 | 07555                                          | 864--                             | 56204 |  | 83312      | 60022 | 08257 | 754--                                          | 58207                             |                                                              |                                                              |       |
| Schleswig            | 43   | 035        | 83608 | 56102 | 06557                                          | 864--                             | 58204 |  | 83408      | 57102 | 07858 | 864--                                          | 58113                             |                                                              |                                                              |       |
| Hohn                 | 17   | 038        | 83402 | 40102 | 06358                                          | 754--                             | 59303 |  | 83403      | 40102 | 07857 | 754--                                          | 59315                             |                                                              |                                                              | 700-- |
| Kiel                 | 17   | 045        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Norderney            | 13   | 113        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Sengwarden           | 1    | 128        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Bremerhaven          | 7    | 129        | 83607 | 63022 | 06957                                          | 764--                             | 59306 |  | 73612      | 65022 | 08456 | 754--                                          | 59315                             |                                                              |                                                              | 700-- |
| Cuxhaven             | 4    | 131        | 80111 | 40102 | 07155                                          | 854--                             | 58205 |  | 73615      | 58012 | 08856 | 754--                                          | 59217                             |                                                              |                                                              | 700-- |
| Hamburg, Flugh.      | 16   | 147        | 73505 | 50102 | 05558                                          | 763--                             | 58302 |  | 73207      | 50102 | 07157 | 754--                                          | 57216                             |                                                              |                                                              | 700-- |
| Lübeck               | 8    | 156        | 83612 | 60022 | 04456                                          | 864--                             | 57503 |  | 83509      | 62022 | 05254 | 864--                                          | 56208                             |                                                              |                                                              | 700-- |
| Emden, Hafen         | 6    | 203        | 80604 | 45102 | 06957                                          | 755--                             | 58210 |  | 80303      | 50102 | 09156 | 755--                                          | 57222                             |                                                              |                                                              |       |
| Oldenburg            | 12   | 215        | 80310 | 40107 | 06760                                          | 863--                             | 61211 |  | 72904      | 56782 | 08558 | 75400                                          | 60218                             |                                                              |                                                              | 700-- |
| Ahlhorn              | 49   | 218        | 80110 | 42102 | 06460                                          | 763--                             | 60712 |  | 80904      | 45102 | 08559 | 764--                                          | 59224                             |                                                              |                                                              |       |
| Bremen, Flugh.       | 3    | 224        | 83510 | 30707 | 06159                                          | 863--                             | 60215 |  | 23411      | 61017 | 07656 | 755--                                          | 58215                             |                                                              |                                                              |       |
| Soltau               | 77   | 235        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              | 797-- |
| Lüchow               | 17   | 253        | 83506 | 30717 | 02758                                          | 864--                             | 60806 |  | 83208      | 40107 | 04557 | 862--                                          | 59318                             |                                                              |                                                              | 702-- |
| Lingen               | 21   | 305        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Münster              | 63   | 313        | 83411 | 50102 | 05959                                          | 863--                             | 59217 |  | 83511      | 56102 | 08759 | 764--                                          | 59228                             |                                                              |                                                              | 700-- |
| Osnabrück            | 95   | 317        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Gütersloh            | 72   | 320        | 83507 | 30052 | 05759                                          | 862--                             | 60219 |  | 83510      | 30717 | 09060 | 873--                                          | 61233                             |                                                              |                                                              |       |
| Bad Salzuflen        | 98   | 325        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Hannover, Flugh.     | 55   | 338        | 83409 | 40227 | 04459                                          | 863--                             | 59308 |  | 83109      | 35102 | 07158 | 862--                                          | 59227                             |                                                              |                                                              | 791-- |
| Braunschweig         | 81   | 348        | 83409 | 25717 | 02758                                          | 872--                             | 59104 |  | 83310      | 35227 | 05658 | 863--                                          | 59328                             |                                                              |                                                              | 701-- |
| Berlin-Dahlem        | 51   | 381        | 80406 | 57772 | 09957                                          | 864--                             | 59807 |  | 83606      | 35712 | 00958 | 874--                                          | 59010                             |                                                              |                                                              | 797-- |
| Berlin-Temp., Flugh. | 50   | 384        | 80511 | 56362 | 00457                                          | 864--                             | 59707 |  | 83610      | 50712 | 00958 | 863--                                          | 59005                             |                                                              |                                                              | 700-- |
| Düsseldorf, Flugh.   | 45   | 400        | 80108 | 40772 | 06958                                          | 863--                             | 60220 |  | 73607      | 25707 | 10760 | 773--                                          | 61237                             |                                                              |                                                              | 797-- |
| Bocholt              | 21   | 406        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Essen                | 154  | 410        | 83406 | 30102 | 06459                                          | 863--                             | 60217 |  | 83206      | 30712 | 09961 | 863--                                          | 61234                             |                                                              |                                                              | 700-- |
| Kahler Asten         | 335  | 427        | 93419 | 06417 | 27863                                          | 9----                             | 64221 |  | 83319      | 15284 | 29664 | 861--                                          | 66225                             |                                                              |                                                              | 701-- |
| Bad Lippspringe      | 151  | 430        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Kassel               | 231  | 438        | 83612 | 12717 | 02359                                          | 862--                             | 60121 |  | 83513      | 15227 | 05559 | 863--                                          | 61228                             |                                                              |                                                              | 702-- |
| Göttingen            | 176  | 444        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Braunlage            | 607  | 452        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Aachen               | 202  | 501        | 83003 | 30107 | 07358                                          | 772--                             | 60222 |  | 83104      | 30102 | 11159 | 862--                                          | 60232                             |                                                              |                                                              | 791-- |
| Nörvenich            | 117  | 502        | 83214 | 15717 | 06058                                          | 862--                             | 59220 |  | 83212      | 15717 | 09259 | 862--                                          | 60230                             |                                                              |                                                              |       |
| Nürnberg             | 627  | 510        | 93406 | 08717 | 05061                                          | 9----                             | 62220 |  | 23304      | 20767 | 09062 | 00901                                          | 63232                             |                                                              |                                                              | 701-- |
| Köln-Bonn, Flugh.    | 91   | 513        | 73210 | 25105 | 05757                                          | 754--                             | 58224 |  | 83213      | 25227 | 09558 | 754--                                          | 60237                             |                                                              |                                                              | 797-- |
| Koblenz              | 76   | 515        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Marientberg          | 547  | 526        | 83309 | 30787 | 02460                                          | 773--                             | 61220 |  | 83308      | 35107 | 06060 | 773--                                          | 61233                             |                                                              |                                                              | 703-- |
| Gießen               | 186  | 532        | 83506 | 18717 | 01456                                          | 862--                             | 58227 |  | 73403      | 38717 | 04757 | 752--                                          | 58230                             |                                                              |                                                              | 702-- |
| Bad Hersfeld         | 212  | 542        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Wasserkuppe          | 921  | 544        | 90414 | 04717 | 25463                                          | 9----                             | 64221 |  | 93613      | 04717 | 27863 | 9----                                          | 65231                             |                                                              |                                                              | 703-- |
| Trier                | 265  | 609        | 80205 | 50107 | 03756                                          | 873--                             | 58228 |  | 00206      | 60011 | 08058 | 00900                                          | 61239                             |                                                              |                                                              | 702-- |
| Deuselbach           | 480  | 615        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Pferdsfeld           | 396  | 626        | 83312 | 19717 | 02357                                          | 861--                             | 59223 |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Kl.feldberg/Is.      | 805  | 635        | 93615 | 03717 | 26859                                          | 9----                             | 59223 |  | 93614      | 03707 | 29160 | 9----                                          | 60229                             |                                                              |                                                              | 703-- |
| Frankfurt, Flugh.    | 112  | 637        | 90411 | 19737 | 00555                                          | 9----                             | 57229 |  | 80305      | 25717 | 05355 | 852--                                          | 57246                             |                                                              |                                                              | 701-- |
| Darmstadt            | 109  | 639        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Würzburg             | 259  | 655        | 80307 | 12737 | 98357                                          | 872--                             | 57225 |  | 83406      | 29717 | 01757 | 873--                                          | 58233                             |                                                              |                                                              | 707-- |
| Bad Kissingen        | 265  | 658        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Coburg               | 337  | 671        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Bamberg              | 239  | 675        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Hof                  | 567  | 685        | 83410 | 15737 | 98460                                          | 8052-                             | 61309 |  | 83411      | 13737 | 01061 | 3722-                                          | 62322                             |                                                              |                                                              | 703-- |
| Weiden               | 438  | 688        | 83605 | 20737 | 96056                                          | 773--                             | 57316 |  | 83609      | 50227 | 99157 | 773--                                          | 60227                             |                                                              |                                                              | 701-- |
| Berus                | 363  | 704        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Tholey               | 396  | 706        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Saarbrücken, Flugh.  | 322  | 708        | 83407 | 50717 | 01254                                          | 752--                             | 55235 |  | 43308      | 60017 | 05457 | 35501                                          | 59236                             |                                                              |                                                              | 702-- |
| Neustadt/Weinstr.    | 163  | 723        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Karlsruhe            | 112  | 727        | 80106 | 15717 | 99954                                          | 872--                             | 55235 |  | 83505      | 18227 | 05154 | 863--                                          | 56251                             |                                                              |                                                              | 704-- |
| Mannheim             | 96   | 729        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Stuttgart (Stadt)    | 305  | 737        | 83108 | 18717 | 98353                                          | 773--                             | 54331 |  | 83209      | 30717 | 03055 | 753--                                          | 57243                             |                                                              |                                                              | 7---- |
| Stuttgart, Flugh.    | 397  | 738        | 93005 | 18737 | 97853                                          | 9----                             | 55228 |  | 83213      | 30717 | 02356 | 853--                                          | 58239                             |                                                              |                                                              | 702-- |
| Öhringen             | 276  | 742        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Weissenburg/Bay.     | 422  | 761        | 83203 | 25737 | 95856                                          | 873--                             | 57216 |  | 83506      | 30107 | 99056 | 874--                                          | 58231                             |                                                              |                                                              | 703-- |
| Nürnberg, Flugh.     | 319  | 763        | 83104 | 13737 | 96355                                          | 5722-                             | 56120 |  | 83108      | 25707 | 00457 | 5742-                                          | 58236                             |                                                              |                                                              | 702-- |
| Regensburg           | 366  | 776        | 93508 | 08752 | 94655                                          | 9----                             | 55214 |  | 83506      | 40717 | 97155 | 773--                                          | 56224                             |                                                              |                                                              | 703-- |
| Gr. Falkenstein      | 1307 | 791        |       |       |                                                |                                   |       |  | 92306      | 01434 | 25254 | 9----                                          | 55308                             |                                                              |                                                              |       |
| Freiburg             | 269  | 803        | 83311 | 10717 | 00153                                          | 861--                             | 54235 |  | 83507      | 11717 | 05454 | 861--                                          | 55249                             |                                                              |                                                              | 704-- |
| Freudenstadt         | 797  | 815        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Klappeneck           | 973  | 818        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Stötten              | 734  | 836        | 93012 | 02717 | 97256                                          | 9----                             | 57222 |  | 92914      | 02717 | 00957 | 9----                                          | 58231                             |                                                              |                                                              | 703-- |
| Ulm                  | 522  | 838        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Augsburg             | 461  | 852        | 83302 | 35712 | 94953                                          | 2722-                             | 54215 |  | 73310      | 60027 | 99555 | 756--                                          | 58238                             |                                                              |                                                              | 701-- |
| Neuburg/Donau        | 381  | 853        | 82306 | 16737 | 96055                                          | 854--                             | 56216 |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Landsberg/Lech       | 623  | 857        | 83105 | 14737 | 95654                                          | 863--                             | 54218 |  | 83111      | 50717 | 00656 | 852--                                          | 57240                             |                                                              |                                                              |       |
| Fürstenfeldbruck     | 530  | 858        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| München, Flugh.      | 530  | 866        | 82703 | 25717 | 94052                                          | 873--                             | 53212 |  | 82906      | 34707 | 98354 | 854--                                          | 57236                             |                                                              |                                                              | 702-- |
| Erding               | 462  | 869        | 82806 | 18716 | 94053                                          | 854--                             | 55111 |  | 82906      | 25107 | 97554 | 862--                                          | 56232                             |                                                              |                                                              |       |
| Mühldorf             | 401  | 875        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Bremgarten           | 213  | 900        | 90208 | 15717 | 99352                                          | 9----                             | 53240 |  | 90509      | 10737 | 04553 | 9----                                          | 54249                             |                                                              |                                                              |       |
| Passau               | 409  | 893        | 82701 | 50102 | 93053                                          | 8082-                             | 53211 |  | 83302      | 30102 | 94852 | 854--                                          | 52218                             |                                                              |                                                              | 700-- |
| Feldberg/Schw.       | 1485 | 908        | 93525 | 00737 | 26760                                          | 9----                             | 60217 |  | 93419      | 00717 | 29762 | 9----                                          | 62333                             |                                                              |                                                              | 704-- |
| Konstanz             | 443  | 929        | 93008 | 17737 | 95351                                          | 9----                             | 51319 |  | 92610      | 14737 | 02153 | 9----                                          | 54361                             |                                                              |                                                              | 704-- |
| Kempten              | 705  | 946        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Memmingen            | 634  | 947        | 83206 | 15717 | 97154                                          | 863--                             | 55120 |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Oberstdorf           | 810  | 948        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Zugspitze            | 2960 | 961        | 92916 | 01717 | 77562                                          | 9----                             | 62302 |  | 93110      | 00717 | 77862 | 9----                                          | 62202                             |                                                              |                                                              | 702-- |
| Hohenpeißenberg      | 977  | 962        | 82510 | 60717 | 24850                                          | 874--                             | 52315 |  | 93010      | 02717 | 27656 | 9----                                          | 56235                             |                                                              |                                                              | 793-- |
| Garmisch-Partenkg.   | 719  | 963        |       |       |                                                |                                   |       |  |            |       |       |                                                |                                   |                                                              |                                                              |       |
| Wendelstein          | 1832 | 980        |       |       |                                                |                                   |       |  | 93411      | 00707 | 26358 | 9----                                          | 58209                             |                                                              |                                                              |       |

Bei Flughäfen: Höhe = offizielle Flugplatzhöhe

Sonntag, den 19. Dezember 1981

| Station              | Höhe | III | 06 Uhr GMT |       |       |                                                |                                   |       | 09 Uhr GMT |       |                                                |                                   |                                   |                                   | 00-06                             |                                   | 06-09                             |                                   | 10-06 |  | RR mm | Einn'y |
|----------------------|------|-----|------------|-------|-------|------------------------------------------------|-----------------------------------|-------|------------|-------|------------------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------|--|-------|--------|
|                      |      |     | NdHf       | VvwW  | PPFT  | N <sub>1</sub> ChC <sub>2</sub> C <sub>3</sub> | T <sub>1</sub> T <sub>2</sub> 999 | NdHf  | VvwW       | PPFT  | N <sub>1</sub> ChC <sub>2</sub> C <sub>3</sub> | T <sub>1</sub> T <sub>2</sub> 999 | T <sub>1</sub> T <sub>2</sub> 999 | T <sub>1</sub> T <sub>2</sub> 999 | T <sub>1</sub> T <sub>2</sub> 999 | T <sub>1</sub> T <sub>2</sub> 999 | T <sub>1</sub> T <sub>2</sub> 999 | T <sub>1</sub> T <sub>2</sub> 999 |       |  |       |        |
| Helgoland            | 4    | 015 | 20213      | 65021 | 11553 | 21400                                          | 55223                             | 53507 | 82031      | 14253 | 52402                                          | 56227                             | ---                               | 27                                | 70057                             | 56958                             | 97005                             | 90400                             |       |  |       |        |
| List                 | 26   | 020 | 00209      | 62024 | 11758 | 00900                                          | 61219                             | 00107 | 65020      | 14157 | 00900                                          | 59224                             |                                   |                                   | 70060                             | 60762                             | 97000                             | 90400                             |       |  |       |        |
| Leck                 | 7    | 022 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   | 62166                             | 93000                             | 91100                             |       |  |       |        |
| Musum                | 28   | 026 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   | 60964                             | 92000                             | 91097                             |       |  |       |        |
| Meierwick            | 27   | 033 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   | ---                               | 64                                | 92---                             | 91300 |  |       |        |
| Schleswig            | 43   | 035 | 13510      | 60221 | 10060 | 15500                                          | 60321                             | 03410 | 58020      | 12562 | 00900                                          | 62225                             |                                   |                                   | 79761                             | 59960                             | 91000                             | 91297                             |       |  |       |        |
| Hohn                 | 12   | 038 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   | ---                               | 60                                | 97---                             | 91297 |  |       |        |
| Kial                 | 17   | 045 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   |                                   |                                   |                                   |       |  |       |        |
| Norderney            | 13   | 113 | 70412      | 58012 | 11052 | 714--                                          | 55321                             | 50309 | 68012      | 14652 | 58401                                          | 54336                             |                                   |                                   | 70055                             | 56655                             | 97000                             | 80397                             |       |  |       |        |
| Sengwarden           | 1    | 128 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   |                                   |                                   |                                   |       |  |       |        |
| Bremerhaven          | 7    | 129 | 13507      | 68011 | 11056 | 15500                                          | 59226                             | 13506 | 65020      | 13655 | 15500                                          | 58226                             |                                   |                                   | 70060                             | 58659                             | 91000                             | 90700                             |       |  |       |        |
| Cuxhaven             | 4    | 131 | 73616      | 60031 | 10655 | 754--                                          | 58218                             | 13516 | 65021      | 13555 | 18400                                          | 58229                             |                                   | ---                               | 26                                | 70060                             | 58158                             | 91000                             | 90700 |  |       |        |
| Hamburg, Flugh.      | 16   | 147 | 73210      | 62222 | 08956 | 755--                                          | 58218                             | 33210 | 58221      | 11957 | 35600                                          | 59230                             |                                   |                                   | 79759                             | 58859                             | 97000                             | 90997                             |       |  |       |        |
| Lübeck               | 8    | 156 | 83510      | 65022 | 07554 | 755--                                          | 57224                             | 73209 | 50702      | 10154 | 755--                                          | 57224                             |                                   |                                   | 70054                             | 58660                             | 93000                             | 90897                             |       |  |       |        |
| Emden, Hafen         | 6    | 203 | 80000      | 58022 | 11454 | 754--                                          | 57223                             | 00000 | 60011      | 14354 | 00900                                          | 56229                             |                                   |                                   | 70059                             | 58257                             | 97000                             | 90600                             |       |  |       |        |
| Oldenburg            | 12   | 215 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   | ---                               | 60                                | 97000                             | 90897 |  |       |        |
| Ahlhorn              | 49   | 218 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   | 59160                             | 00000                             | 91200                             |       |  |       |        |
| Bremen, Flugh.       | 3    | 224 | 73411      | 58027 | 10356 | 755--                                          | 59227                             | 53108 | 62022      | 13558 | 55500                                          | 59232                             |                                   |                                   | 79760                             | 58460                             | 97000                             | 90597                             |       |  |       |        |
| Soltau               | 77   | 235 | 83307      | 2010- | 08757 | 853--                                          | 58220                             | 53206 | 50102      | 12157 | 55600                                          | 59234                             |                                   |                                   | 70059                             | 58760                             | 97000                             | 91300                             |       |  |       |        |
| Lüchow               | 17   | 253 | 83313      | 45107 | 06255 | 862--                                          | 57317                             | 63108 | 56717      | 09555 | 55501                                          | 58233                             |                                   |                                   | 70258                             | 02000                             | 90802                             |                                   |       |  |       |        |
| Lingen               | 21   | 305 | 82705      | 5010- | 11957 | 754--                                          | 59230                             | 32403 | 22101      | 15356 | 36300                                          | 58234                             |                                   |                                   | 70059                             | 58759                             | 00000                             | 90600                             |       |  |       |        |
| Münster              | 63   | 313 | 82702      | 56102 | 11958 | 764--                                          | 59232                             | 72404 | 40102      | 15057 | 764--                                          | 57231                             |                                   |                                   | 70059                             | 58759                             | 00000                             | 90700                             |       |  |       |        |
| Osnabrück            | 95   | 317 | 73003      | 30107 | 11559 | 754--                                          | 60225                             | 82702 | 40102      | 15057 | 754--                                          | 58235                             |                                   |                                   | 79760                             | 59460                             | 97000                             | 91097                             |       |  |       |        |
| Gütersloh            | 72   | 320 | 82807      | 35227 | 11959 | 864--                                          | 61229                             | 82806 | 30702      | 15158 | 872--                                          | 59232                             |                                   |                                   | 79760                             | ---                               | 97---                             |                                   |       |  |       |        |
| Bad Salzuflen        | 98   | 325 | 82606      | 3570- | 10259 | 863--                                          | 60221                             | 83304 | 40717      | 14257 | 764--                                          | 60240                             |                                   |                                   | 79760                             | 58462                             | 97000                             | 91397                             |       |  |       |        |
| Hannover, Flugh.     | 55   | 338 | 83008      | 45702 | 09557 | 853--                                          | 58224                             | 72909 | 57702      | 12756 | 754--                                          | 59232                             |                                   |                                   | 79159                             | 58659                             | 92000                             | 91297                             |       |  |       |        |
| Braunschweig         | 81   | 348 | 83112      | 45107 | 07557 | 853--                                          | 58220                             | 83113 | 50102      | 11356 | 853--                                          | 58238                             |                                   |                                   | 70259                             | 58459                             | 02000                             | 91302                             |       |  |       |        |
| Berlin-Dahlem        | 51   | 381 | 83206      | 45717 | 02857 | 8091-                                          | 59218                             | 83206 | 40717      | 06056 | 8092-                                          | 57233                             |                                   |                                   | 70158                             | 57858                             | 01000                             | 91002                             |       |  |       |        |
| Berlin-Temp., Flugh. | 50   | 384 | 83210      | 30732 | 02257 | 863--                                          | 59213                             | 83110 | 37717      | 05955 | 853--                                          | 56337                             |                                   |                                   | 79558                             | 57858                             | 95000                             | 91501                             |       |  |       |        |
| Düsseldorf, Flugh.   | 45   | 400 | 83005      | 27707 | 13457 | 871--                                          | 58228                             | 83005 | 18717      | 17055 | 873--                                          | 56236                             |                                   |                                   | 79360                             | 56461                             | 93000                             | 89797                             |       |  |       |        |
| Bocholt              | 21   | 406 | 83004      | 2510- | 12756 | 863--                                          | 57226                             | 82406 | 11707      | 15255 | 862--                                          | 55226                             |                                   |                                   | 70061                             | 59260                             | 00000                             | 90600                             |       |  |       |        |
| Essen                | 154  | 410 | 83205      | 20707 | 13058 | 862--                                          | 59232                             | 82405 | 12777      | 16556 | 862--                                          | 57236                             |                                   |                                   | 79161                             | 57861                             | 92000                             | 71297                             |       |  |       |        |
| Kahler Asten         | 835  | 427 | 83424      | 20784 | 31765 | 871--                                          | 66227                             | 43323 | 15787      | 35364 | 61100                                          | 66243                             |                                   | 28-36                             | 79160                             | 58565                             | 05000                             | 96001                             |       |  |       |        |
| Bad Lippspringe      | 151  | 430 | 82905      | 2022- | 11260 | 862--                                          | 61230                             | 82706 | 22787      | 15059 | 862--                                          | 60238                             |                                   |                                   | 79160                             | ---                               | 97---                             |                                   |       |  |       |        |
| Kassel               | 231  | 438 | 83510      | 50107 | 08960 | 863--                                          | 62232                             | 83511 | 35717      | 13659 | 762--                                          | 62246                             |                                   | ---                               | 29                                | 70260                             | 58060                             | 04000                             | 92105 |  |       |        |
| Göttingen            | 176  | 444 | 83608      | 3078- | 08958 | 873--                                          | 60231                             | 83505 | 22717      | 13358 | 872--                                          | 60242                             |                                   | ---                               | 27                                | 70459                             | 58460                             | 06000                             | 91903 |  |       |        |
| Braunlage            | 607  | 452 | 83007      | 1571- | 06761 | 872--                                          | 62223                             | 83007 | 20717      | 11060 | 872--                                          | 62243                             |                                   | ---                               | 27                                | 70262                             | 58063                             | 03000                             | 95904 |  |       |        |
| Aachen               | 202  | 501 | 82704      | 12102 | 14358 | 861--                                          | 59232                             | 82506 | 18727      | 17255 | 872--                                          | 56231                             |                                   |                                   | 79759                             | 57060                             | 03000                             | 70597                             |       |  |       |        |
| Nürvenich            | 117  | 502 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   | ---                               | 60                                | 04000                             | 90497 |  |       |        |
| Nürnberg             | 627  | 510 | 33305      | 18767 | 13463 | 36100                                          | 64239                             | 93102 | 05717      | 16659 | 9----                                          | 60241                             |                                   |                                   | 70163                             | 58065                             | 07000                             | 92901                             |       |  |       |        |
| Köln-Bonn, Flugh.    | 91   | 513 | 73104      | 30777 | 13260 | 774--                                          | 62236                             | 80101 | 14777      | 16856 | 871--                                          | 56237                             |                                   |                                   | 79160                             | 55062                             | 04000                             | 90597                             |       |  |       |        |
| Koblenz              | 96   | 515 | 73311      | 1805- | 12459 | 15532                                          | 62241                             | 83604 | 35781      | 16457 | 864--                                          | 60240                             |                                   | ---                               | 26                                | 70359                             | 543--                             | 10000                             | 90602 |  |       |        |
| Marienberg           | 547  | 526 | 73210      | 20787 | 10162 | 47430                                          | 64234                             | 73308 | 30712      | 15262 | 763--                                          | 63246                             |                                   |                                   | 70632                             | 56362                             | 09000                             | 95002                             |       |  |       |        |
| Gießen               | 136  | 532 | 33106      | 50057 | 09459 | 35600                                          | 62244                             | 12803 | 59010      | 14661 | 10941                                          | 64250                             |                                   |                                   | 70459                             | 56060                             | 05000                             | 91505                             |       |  |       |        |
| Bad Hersfeld         | 212  | 542 | 83410      | 35717 | 09259 | 773--                                          | 62245                             | 73305 | 25737      | 13859 | 773--                                          | 61245                             |                                   |                                   | 70660                             | 56360                             | 07000                             | 92007                             |       |  |       |        |
| Wasserkuppe          | 921  | 544 | 90317      | 04717 | 30464 | 9----                                          | 65231                             | 93315 | 01717      | 34364 | 9----                                          | 65246                             |                                   | ---                               | 28                                | 70464                             | 57465                             | 04000                             | 96106 |  |       |        |
| Trier                | 265  | 609 | 03405      | 60021 | 12460 | 00900                                          | 62240                             | 70602 | 56101      | 17458 | 756--                                          | 61248                             |                                   |                                   | 70260                             | 54867                             | 06000                             | 91203                             |       |  |       |        |
| Deuselbach           | 430  | 615 | 33608      | 5710- | 12761 | 00901                                          | 65242                             | 83209 | 50021      | 16359 | 863--                                          | 61238                             |                                   |                                   | 70362                             | 55866                             | 09000                             | 91503                             |       |  |       |        |
| Pferdsfeld           | 396  | 626 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   | ---                               | 66                                | 04----                            | 91908 |  |       |        |
| Kl.felldberg/Is. □   | 805  | 635 | 83612      | 70367 | 31862 | 851--                                          | 63238                             | 53611 | 65367      | 34865 | 20932                                          | 66245                             |                                   | ---                               | 28                                | 70762                             | 56164                             | 10000                             | 90501 |  |       |        |
| Frankfurt, Flugh.    | 112  | 637 | 73205      | 57107 | 09656 | 35408                                          | 59243                             | 53209 | 59362      | 15059 | 10832                                          | 62251                             |                                   |                                   | 70256                             | 53158                             | 02000                             | 90503                             |       |  |       |        |
| Darmstadt            | 109  | 639 | 83304      | 56107 | 09357 | 56207                                          | 59252                             | 53303 | 56052      | 15060 | 10932                                          | 63254                             |                                   |                                   | 70657                             | 53455                             | 10000                             | 91207                             |       |  |       |        |
| Würzburg             | 259  | 655 | 83408      | 32707 | 06258 | 873--                                          | 60243                             | 73409 | 56107      | 12258 | 5737-                                          | 60257                             |                                   |                                   | 71058                             | 54158                             | 14000                             | 80804                             |       |  |       |        |
| Bad Kissingen        | 265  | 658 | 83301      | 45717 | 06457 | 774--                                          | 59246                             | 73405 | 62017      | 11758 | 25631                                          | 62249                             |                                   |                                   | 70958                             | 53859                             | 10000                             | 92108                             |       |  |       |        |
| Coburg               | 337  | 671 | 83306      | 40227 | 05158 | 772--                                          | 60240                             | 83006 | 50717      | 10558 | 855--                                          | 60251                             |                                   |                                   | 70558                             | 54558                             | 06000                             | 94108                             |       |  |       |        |
| Bamberg              | 239  | 675 | 82909      | 15717 |       |                                                |                                   |       |            |       |                                                |                                   |                                   |                                   |                                   |                                   |                                   |                                   |       |  |       |        |

Sonabend, den 19. Dezember 1981

| Station              | Höhe | M   | 12 Uhr GMT |       |       |                                                             |                                   |  | 15 Uhr GMT |       |       |                                                             |                                   |  | 06-12                                                        | 12-15                                                        | 06-12 |
|----------------------|------|-----|------------|-------|-------|-------------------------------------------------------------|-----------------------------------|--|------------|-------|-------|-------------------------------------------------------------|-----------------------------------|--|--------------------------------------------------------------|--------------------------------------------------------------|-------|
|                      |      |     | NdMf       | VVwW  | PPFT  | N <sub>1</sub> C <sub>1</sub> C <sub>2</sub> C <sub>3</sub> | T <sub>2</sub> T <sub>4</sub> 999 |  | NdMf       | VVwW  | PPFT  | N <sub>1</sub> C <sub>1</sub> C <sub>2</sub> C <sub>3</sub> | T <sub>2</sub> T <sub>4</sub> 999 |  | T <sub>1</sub> T <sub>2</sub> -T <sub>3</sub> T <sub>4</sub> | T <sub>1</sub> T <sub>2</sub> -T <sub>3</sub> T <sub>4</sub> | 788-- |
| Helgoland            | 4    | 015 | 43307      | 84031 | 15151 | 38442                                                       | 54309                             |  | 52904      | 80031 | 15900 | 58401                                                       | 53108                             |  |                                                              |                                                              | 700-- |
| List                 | 26   | 020 | 13606      | 70020 | 15254 | 15600                                                       | 56311                             |  | 70206      | 59221 | 16956 | 65642                                                       | 56217                             |  |                                                              |                                                              | 700-- |
| Leck                 | 7    | 022 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Husum                | 28   | 026 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Meierwick            | 27   | 033 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Schleswig            | 43   | 035 | 03310      | 62020 | 14460 | 00900                                                       | 61219                             |  | 13207      | 57100 | 15960 | 10940                                                       | 61215                             |  |                                                              |                                                              | 700-- |
| Hohn                 | 12   | 038 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Kiel                 | 17   | 045 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Norderney            | 13   | 113 | 72405      | 56707 | 15752 | 783--                                                       | 53111                             |  | 32306      | 40107 | 16651 | 35700                                                       | 53309                             |  | ---26                                                        |                                                              | 797-- |
| Sengwarden           | 1    | 128 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Bremerhaven          | 7    | 129 | 13308      | 70020 | 15152 | 11400                                                       | 56215                             |  | 12807      | 56100 | 16854 | 15500                                                       | 56217                             |  |                                                              |                                                              | 700-- |
| Cuxhaven             | 4    | 131 | 13409      | 80021 | 15353 | 11400                                                       | 58218                             |  | 23206      | 75030 | 16153 | 25500                                                       | 56208                             |  |                                                              |                                                              | 700-- |
| Hamburg, Flugh.      | 16   | 147 | 03108      | 62027 | 14157 | 00900                                                       | 59122                             |  | 03006      | 62020 | 16357 | 00900                                                       | 59222                             |  |                                                              |                                                              |       |
| Lübeck               | 8    | 156 | 13209      | 56058 | 12654 | 11500                                                       | 57225                             |  | 13007      | 62020 | 14156 | 11500                                                       | 59215                             |  |                                                              |                                                              | 791-- |
| Emden, Hafen         | 6    | 203 | 52604      | 50101 | 16253 | 55600                                                       | 53219                             |  | 62505      | 25107 | 16952 | 65500                                                       | 53307                             |  |                                                              |                                                              | 700-- |
| Oldenburg            | 12   | 215 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Ahlhorn              | 49   | 218 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Bremen, Flugh.       | 3    | 224 | 03108      | 58021 | 15356 | 00900                                                       | 58218                             |  | 02604      | 43100 | 16758 | 00900                                                       | 58214                             |  |                                                              |                                                              | 700-- |
| Soltau               | 77   | 235 | 13506      | 57051 | 14456 | 00901                                                       | 60223                             |  | 23105      | 58030 | 16256 | 10931                                                       | 59218                             |  |                                                              |                                                              | 700-- |
| Lüchow               | 17   | 253 | 43208      | 57227 | 12154 | 35731                                                       | 57226                             |  | 03108      | 60027 | 14056 | 00900                                                       | 59219                             |  |                                                              |                                                              | 791-- |
| Lingen               | 21   | 305 | 92705      | 02434 | 17255 | 9----                                                       | 56219                             |  | 82404      | 15717 | 18453 | 772--                                                       | 54312                             |  |                                                              |                                                              | 700-- |
| Münster              | 63   | 313 | 72804      | 25102 | 17354 | 763--                                                       | 55224                             |  | 82605      | 18102 | 18654 | 762--                                                       | 54213                             |  |                                                              |                                                              | 700-- |
| Osnabrück            | 95   | 317 | 22603      | 30107 | 16955 | 26300                                                       | 58220                             |  | 82605      | 15101 | 18255 | 862--                                                       | 56213                             |  |                                                              |                                                              | 797-- |
| Gütersloh            | 72   | 320 | 72907      | 22207 | 17355 | 763--                                                       | 57123                             |  | 82905      | 23052 | 18555 | 862--                                                       | 56312                             |  |                                                              |                                                              |       |
| Bad Salzuflen        | 98   | 325 | 72403      | 56707 | 16455 | 754--                                                       | 58223                             |  | 22604      | 50107 | 17456 | 10931                                                       | 58210                             |  |                                                              |                                                              | 792-- |
| Mannover, Flugh.     | 55   | 338 | 63010      | 59227 | 15756 | 35610                                                       | 59230                             |  | 72709      | 50101 | 17057 | 754--                                                       | 59213                             |  |                                                              |                                                              | 797-- |
| Braunschweig         | 81   | 348 | 53013      | 50222 | 13956 | 55500                                                       | 59225                             |  | 12911      | 57101 | 15956 | 00901                                                       | 59220                             |  |                                                              |                                                              | 791-- |
| Berlin-Dahlem        | 51   | 381 | 13110      | 50107 | 07853 | 11500                                                       | 55219                             |  | 73109      | 56268 | 10853 | 754--                                                       | 55329                             |  |                                                              |                                                              | 792-- |
| Berlin-Temp., Flugh. | 50   | 384 | 33015      | 57367 | 07652 | 11430                                                       | 55218                             |  | 82914      | 57368 | 10253 | 884--                                                       | 55326                             |  |                                                              |                                                              | 797-- |
| Düsseldorf, Flugh.   | 45   | 400 | 72807      | 35227 | 18652 | 752--                                                       | 53217                             |  | 82303      | 25702 | 19752 | 872--                                                       | 53211                             |  |                                                              |                                                              | 794-- |
| Bocholt              | 21   | 406 | 72706      | 12107 | 17452 | 763--                                                       | 53222                             |  | 32504      | 40107 | 18552 | 30930                                                       | 54211                             |  |                                                              |                                                              | 797-- |
| Essen                | 154  | 410 | 82505      | 13207 | 17953 | 764--                                                       | 54216                             |  | 72605      | 20222 | 19453 | 763--                                                       | 54214                             |  |                                                              |                                                              | 791-- |
| Kahler Asten         | 835  | 427 | 73221      | 25787 | 38361 | 761--                                                       | 62127                             |  | 93117      | 03417 | 40060 | 9----                                                       | 61219                             |  | 28-39                                                        | 22-31                                                        | 792-- |
| Bad Lippspringe      | 151  | 430 | 72704      | 25707 | 17457 | 754--                                                       | 59225                             |  | 82805      | 17777 | 18656 | 863--                                                       | 57213                             |  |                                                              |                                                              | 793-- |
| Kassel               | 231  | 438 | 73507      | 56227 | 16258 | 31300                                                       | 62227                             |  | 43404      | 58030 | 17958 | 36430                                                       | 62217                             |  |                                                              |                                                              | 793-- |
| Göttingen            | 176  | 444 | 73506      | 60227 | 15757 | 755--                                                       | 60224                             |  | 63201      | 62032 | 17457 | 65400                                                       | 60217                             |  |                                                              |                                                              | 792-- |
| Braunlage            | 607  | 452 | 73010      | 25717 | 13659 | 723--                                                       | 61227                             |  | 73209      | 70387 | 15359 | 714--                                                       | 62316                             |  |                                                              |                                                              | 795-- |
| Aachen               | 202  | 501 | 82604      | 15227 | 19053 | 862--                                                       | 54119                             |  | 42605      | 20101 | 20153 | 46300                                                       | 54311                             |  |                                                              |                                                              | 794-- |
| Nürvenich            | 117  | 502 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Nürnberg             | 627  | 510 | 83302      | 12717 | 18156 | 860--                                                       | 57223                             |  | 83302      | 12717 | 19455 | 870--                                                       | 56214                             |  |                                                              |                                                              | 794-- |
| Köln-Bonn, Flugh.    | 91   | 513 | 80000      | 10777 | 18754 | 871--                                                       | 55220                             |  | 73006      | 40107 | 19852 | 763--                                                       | 54311                             |  |                                                              |                                                              | 794-- |
| Koblenz              | 76   | 515 | 73001      | 35787 | 18755 | 2647--                                                      | 57223                             |  | 72903      | 35227 | 19652 | 724--                                                       | 54312                             |  |                                                              |                                                              | 797-- |
| Marienberg           | 547  | 526 | 73207      | 30107 | 16959 | 763--                                                       | 60226                             |  | 83204      | 30102 | 18857 | 862--                                                       | 58221                             |  |                                                              |                                                              | 797-- |
| Gießen               | 136  | 532 | 02303      | 65010 | 16056 | 00900                                                       | 61118                             |  | 00000      | 61020 | 18358 | 00900                                                       | 62220                             |  |                                                              |                                                              | 700-- |
| Bad Hersfeld         | 212  | 542 | 73304      | 59717 | 16557 | 754--                                                       | 61125                             |  | 32903      | 57057 | 19158 | 35500                                                       | 62223                             |  |                                                              |                                                              | 792-- |
| Wasserkuppe          | 921  | 544 | 73312      | 12717 | 37263 | 751--                                                       | 65134                             |  | 93310      | 03717 | 38763 | 9----                                                       | 65318                             |  |                                                              |                                                              | 793-- |
| Trier                | 265  | 609 | 72402      | 56101 | 19356 | 755--                                                       | 59225                             |  | 12003      | 57101 | 20653 | 15600                                                       | 57316                             |  |                                                              |                                                              | 700-- |
| Deuselbach           | 430  | 615 | 73006      | 59031 | 18456 | 753--                                                       | 58227                             |  | 72505      | 57781 | 20055 | 753--                                                       | 57317                             |  |                                                              |                                                              | 700-- |
| Pferdsfeld           | 336  | 626 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Kl.Feldberg/Ts.      | 805  | 635 | 43511      | 66227 | 38161 | 41101                                                       | 63229                             |  | 93407      | 05413 | 39460 | 9----                                                       | 60223                             |  |                                                              |                                                              | 791-- |
| Frankfurt, Flugh.    | 112  | 637 | 12502      | 60013 | 17656 | 00901                                                       | 61227                             |  | 13108      | 57050 | 19255 | 15400                                                       | 58217                             |  |                                                              |                                                              | 700-- |
| Darmstadt            | 109  | 639 | 03202      | 60021 | 17757 | 00900                                                       | 61221                             |  | 42003      | 60030 | 19858 | 45500                                                       | 61220                             |  |                                                              |                                                              | 700-- |
| Würzburg             | 259  | 655 | 33310      | 58027 | 15958 | 11431                                                       | 63136                             |  | 33105      | 60030 | 18559 | 25600                                                       | 62324                             |  |                                                              |                                                              | 795-- |
| Bad Kissingen        | 265  | 658 | 13203      | 65027 | 15057 | 10930                                                       | 64131                             |  | 13404      | 64030 | 17958 | 18400                                                       | 62326                             |  |                                                              |                                                              | 797-- |
| Coburg               | 337  | 671 | 53210      | 60017 | 13658 | 40931                                                       | 61231                             |  | 53108      | 59031 | 17559 | 35601                                                       | 61236                             |  |                                                              |                                                              | 792-- |
| Bamberg              | 239  | 675 | 62808      | 60017 | 14057 | 62400                                                       | 60232                             |  | 62607      | 62031 | 17558 | 68500                                                       | 63233                             |  |                                                              |                                                              | 794-- |
| Hof                  | 567  | 685 | 73111      | 30717 | 11659 | 2737--                                                      | 61229                             |  | 73009      | 40717 | 16060 | 783--                                                       | 62339                             |  |                                                              |                                                              | 701-- |
| Weiden               | 438  | 688 | 83109      | 40717 | 11858 | 873--                                                       | 60231                             |  | 83010      | 40717 | 15758 | 773--                                                       | 60243                             |  |                                                              |                                                              | 796-- |
| Berus                | 363  | 704 | 13310      | 65031 | 19358 | 15600                                                       | 60228                             |  | 02407      | 60010 | 21056 | 00900                                                       | 59220                             |  | ---26                                                        |                                                              | 700-- |
| Tholey               | 396  | 706 | 23205      | 68011 | 17954 | 21400                                                       | 58228                             |  | 22906      | 67010 | 20154 | 21400                                                       | 58220                             |  |                                                              |                                                              | 700-- |
| Saarbrücken, Flugh.  | 322  | 708 | 02704      | 45101 | 17856 | 00900                                                       | 58121                             |  | 12706      | 50101 | 20256 | 15700                                                       | 57222                             |  |                                                              |                                                              | 700-- |
| Neustadt/Weinstr.    | 163  | 723 | 43003      | 58031 | 18153 | 42500                                                       | 60129                             |  | 42907      | 57051 | 19754 | 42500                                                       | 58213                             |  |                                                              |                                                              | 700-- |
| Karlruhe             | 112  | 727 | 13604      | 57057 | 18856 | 11400                                                       | 62132                             |  | 72212      | 56101 | 20656 | 754--                                                       | 60317                             |  |                                                              |                                                              | 797-- |
| Mannheim             | 96   | 729 | 00803      | 60016 | 18458 | 00900                                                       | 62131                             |  | 61204      | 56101 | 20259 | 62400                                                       | 62317                             |  |                                                              |                                                              | 797-- |
| Stuttgart (Stadt)    | 305  | 737 | 22906      | 50517 | 17758 | 11510                                                       | 63233                             |  | 12804      | 56050 | 20958 | 10901                                                       | 62231                             |  |                                                              |                                                              | 793-- |
| Stuttgart, Flugh.    | 397  | 738 | 33305      | 40107 | 16958 | 00901                                                       | 61230                             |  | 43006      | 50100 | 20558 | 25401                                                       | 62234                             |  |                                                              |                                                              | 796-- |
| Öhringen             | 276  | 742 | 32909      | 20227 | 16158 | 35500                                                       | 60129                             |  | 02605      | 56050 | 20459 | 00900                                                       | 63240                             |  |                                                              |                                                              | 701-- |
| Weißenburg/Bay.      | 422  | 761 | 83010      | 48717 | 14258 | 755--                                                       | 60133                             |  | 83010      | 59717 | 18359 | 6552--                                                      | 61237                             |  |                                                              |                                                              | 701-- |
| Nürnberg, Flugh.     | 319  | 763 | 82814      | 35717 | 14158 | 6547--                                                      | 59235                             |  | 72610      | 58387 | 18458 | 755--                                                       | 62241                             |  |                                                              |                                                              | 701-- |
| Regensburg           | 366  | 776 | 93213      | 25717 | 12057 | 6557--                                                      | 59234                             |  | 83011      | 57227 | 17158 | 5567--                                                      | 61249                             |  |                                                              |                                                              | 795-- |
| Gr. Falkenstein      | 1307 | 791 | 90208      | 01717 | 33164 | 9----                                                       | 66227                             |  | 93610      | 01717 | 37464 | 9----                                                       | 66245                             |  |                                                              |                                                              | 701-- |
| Freiburg             | 269  | 803 | 20204      | 61017 | 18956 | 11502                                                       | 62227                             |  | 51102      | 59031 | 21755 | 50830                                                       | 61228                             |  |                                                              |                                                              | 797-- |
| Freudenstadt         | 797  | 815 | 22706      | 56037 | 38960 | 11401                                                       | 62227                             |  | 12704      | 63030 | 41160 | 15300                                                       | 62225                             |  |                                                              |                                                              | 792-- |
| Klippeneck           | 973  | 818 | 83006      | 15287 | 38661 | 870--                                                       | 61228                             |  | 33106      | 50101 | 41262 | 16101                                                       | 63234                             |  |                                                              |                                                              | 702-- |
| Stötten              | 734  | 836 | 83013      | 10717 | 16661 | 770--                                                       | 61325                             |  | 42815      | 28717 | 20963 | 45400                                                       | 64233                             |  | 21-32                                                        |                                                              | 701-- |
| Ulm                  | 522  | 838 | 73203      | 60707 | 16157 | 7843--                                                      | 60229                             |  | 43305      | 62031 | 19359 | 00902                                                       | 62227                             |  |                                                              |                                                              | 791-- |
| Augsburg             | 461  | 852 | 83011      | 30717 | 14857 | 874--                                                       | 59237                             |  | 82810      | 56227 | 19458 | 854--                                                       | 61242                             |  |                                                              |                                                              | 701-- |
| Neuburg/Donau        | 381  | 853 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Landsberg/Lech       | 623  | 857 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Fürstenfeldbruck     | 530  | 858 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| München, Flugh.      | 530  | 866 | 82808      | 15737 | 13757 | 5732--                                                      | 60236                             |  | 82706      | 14737 | 17757 | 872--                                                       | 59239                             |  |                                                              |                                                              | 701-- |
| Erding               | 462  | 869 |            |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |                                                              |                                                              |       |
| Mühlhof              | 401  | 875 | 92708      | 09737 | 12857 | 9----                                                       | 59244                             |  | 82706      | 25717 | 17057 | 873--                                                       |                                   |  |                                                              |                                                              |       |

Sonabend, den 19. Dezember 1981

| Station              |      |     | 18 Uhr GMT |       |       |                                                |                                   |       | 21 Uhr GMT |       |                                                |                                   |  |  | 12-18                                         |                                               | 18-21               |  | Erdbodentemperatur |
|----------------------|------|-----|------------|-------|-------|------------------------------------------------|-----------------------------------|-------|------------|-------|------------------------------------------------|-----------------------------------|--|--|-----------------------------------------------|-----------------------------------------------|---------------------|--|--------------------|
|                      | Höhe | III | NddH       | VvuuW | PPPT  | N <sub>1</sub> ChC <sub>0</sub> C <sub>1</sub> | T <sub>0</sub> T <sub>0</sub> exp | NddH  | VvuuW      | PPPT  | N <sub>1</sub> ChC <sub>0</sub> C <sub>1</sub> | T <sub>0</sub> T <sub>0</sub> exp |  |  | T <sub>0</sub> T <sub>0</sub> -T <sub>0</sub> | T <sub>0</sub> T <sub>0</sub> -T <sub>0</sub> |                     |  |                    |
| Helgoland            | 4    | 015 | 1510       | 82011 | 18352 | 12400                                          | 54324                             | 00508 | 82020      | 20452 | 00900                                          | 58321                             |  |  | 70001                                         | 13 Uhr GMT                                    |                     |  |                    |
| List                 | 26   | 020 | 00210      | 65017 | 19157 | 00900                                          | 58222                             | 00310 | 75000      | 20658 | 00900                                          | 59214                             |  |  | 79254                                         |                                               |                     |  |                    |
| Leck                 | 7    | 022 |            |       |       |                                                |                                   | 03604 | 22100      | 20865 | 00900                                          | 66217                             |  |  |                                               |                                               | 051508 -----        |  |                    |
| Husum                | 28   | 026 |            |       |       |                                                |                                   | 00204 | 56100      | 19863 | 00900                                          | 64218                             |  |  |                                               |                                               | 521516 515009       |  |                    |
| Meinerwick           | 27   | 033 |            |       |       |                                                |                                   | 03307 | 60020      | 20457 | 00900                                          | 59219                             |  |  |                                               |                                               |                     |  |                    |
| Schleswig            | 43   | 035 | 03408      | 75020 | 17860 | 00900                                          | 61219                             | 03408 | 62020      | 19860 | 00900                                          | 61220                             |  |  | 70054                                         | 505502                                        | 001021              |  |                    |
| Hohn                 | 12   | 038 |            |       |       |                                                |                                   | 02903 | 50100      | 20165 | 00900                                          | 66220                             |  |  |                                               |                                               | 510506 002024       |  |                    |
| Kiel                 | 17   | 045 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |  |  |                                               |                                               | 79701 554547 532012 |  |                    |
| Norderney            | 13   | 113 | 70210      | 62037 | 17801 | 755--                                          | 52212                             |       |            |       |                                                |                                   |  |  |                                               |                                               |                     |  |                    |
| Sengwarden           | 1    | 128 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |  |  |                                               |                                               |                     |  |                    |
| Bremerhaven          | 7    | 129 | 83402      | 36711 | 18653 | 855--                                          | 53218                             | 00305 | 66017      | 20654 | 00900                                          | 56220                             |  |  |                                               |                                               |                     |  |                    |
| Cuxhaven             | 4    | 131 | 30309      | 60227 | 18253 | 31400                                          | 56221                             | 03607 | 65020      | 20454 | 00900                                          | 59222                             |  |  | 79452                                         | 508504                                        | 004020              |  |                    |
| Hamburg, Flugh.      | 16   | 147 | 03104      | 65010 | 18359 | 00900                                          | 60219                             | 03402 | 62110      | 20162 | 00900                                          | 62218                             |  |  | 79756                                         | 520513                                        | 504033              |  |                    |
| Lübeck               | 8    | 156 | 03007      | 60010 | 16458 | 00900                                          | 61223                             | 73006 | 56780      | 18958 | 755--                                          | 60224                             |  |  | 79153                                         | 518510                                        | 506021              |  |                    |
| Emden, Hafen         | 6    | 203 | 82506      | 30717 | 18252 | 755--                                          | 53213                             | 53603 | 62027      | 20052 | 55500                                          | 53218                             |  |  | 79752                                         | 505502                                        | 004019              |  |                    |
| Oldenburg            | 12   | 215 |            |       |       |                                                |                                   | 33101 | 10101      | 20358 | 36300                                          | 59219                             |  |  |                                               | 002006                                        | 011028              |  |                    |
| Ahlhorn              | 49   | 218 |            |       |       |                                                |                                   | 72404 | 16227      | 20054 | 771--                                          | 54111                             |  |  |                                               | 513507                                        | 001014              |  |                    |
| Bremen, Flugh.       | 3    | 224 | 72304      | 28701 | 18357 | 756--                                          | 57216                             | 73205 | 30027      | 20155 | 762--                                          | 55218                             |  |  | 70055                                         | 508508                                        | 003019              |  |                    |
| Soltau               | 77   | 235 | 72905      | 40101 | 18356 | 755--                                          | 58220                             |       |            |       |                                                |                                   |  |  | 70055                                         | 000002                                        | 010021              |  |                    |
| Lüchow               | 17   | 253 | 02808      | 60017 | 16959 | 00900                                          | 61229                             | 02906 | 60020      | 18458 | 00900                                          | 61215                             |  |  | 79254                                         | 504502                                        | 005019              |  |                    |
| Lingen               | 21   | 305 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |  |  |                                               |                                               |                     |  |                    |
| Münster              | 63   | 313 | 82705      | 12222 | 20253 | 762--                                          | 54217                             | 82404 | 20782      | 20252 | 754--                                          | 52400                             |  |  | 79152                                         | 503002                                        | 006027              |  |                    |
| Osnabrück            | 95   | 317 | 82404      | 11101 | 19954 | 861--                                          | 54217                             |       |            |       |                                                |                                   |  |  | 79753                                         | 512505                                        | 000018              |  |                    |
| Gütersloh            | 72   | 320 | 82705      | 12102 | 20454 | 860--                                          | 54219                             | 82202 | 12717      | 20853 | 860--                                          | 53105                             |  |  | 79754                                         | 502001                                        | 009027              |  |                    |
| Bad Salzuflen        | 90   | 325 | 82504      | 18107 | 19355 | 862--                                          | 56219                             |       |            |       |                                                |                                   |  |  | 79754                                         |                                               |                     |  |                    |
| Hannover, Flugh.     | 55   | 338 | 32607      | 35101 | 19257 | 36200                                          | 58221                             | 82706 | 20711      | 20456 | 851--                                          | 57213                             |  |  | 79255                                         | 002002                                        | 006025              |  |                    |
| Braunschweig         | 81   | 348 | 72608      | 40101 | 18657 | 755--                                          | 58226                             | 72505 | 40100      | 19656 | 756--                                          | 58213                             |  |  | 79756                                         | 510509                                        | 000025              |  |                    |
| Berlin-Dahlem        | 51   | 381 | 32910      | 58018 | 14156 | 31300                                          | 57232                             | 72906 | 57101      | 16357 | 756--                                          | 59222                             |  |  | 79154                                         | 503001                                        | 003023              |  |                    |
| Berlin-Temp., Flugh. | 50   | 384 | 62810      | 60368 | 13955 | 68400                                          | 57236                             | 62812 | 60368      | 16056 | 68400                                          | 58220                             |  |  | 79353                                         | 516512                                        | 501020              |  |                    |
|                      |      |     |            |       |       |                                                |                                   |       |            |       |                                                |                                   |  |  | 79752                                         | 508506                                        | 002---              |  |                    |
| Düsseldorf, Flugh.   | 45   | 400 | 82105      | 56107 | 21551 | 757--                                          | 52218                             | 72306 | 56102      | 22252 | 757--                                          | 52006                             |  |  | 79751                                         | 526519                                        | 503017              |  |                    |
| Bocholt              | 21   | 406 | 72403      | 25107 | 20353 | 756--                                          | 54218                             |       |            |       |                                                |                                   |  |  | 79751                                         | 516510                                        | 002024              |  |                    |
| Essen                | 154  | 410 | 82305      | 30227 | 21152 | 753--                                          | 53217                             | 62306 | 40102      | 21952 | 655--                                          | 53108                             |  |  | 79252                                         | 502000                                        | 006026              |  |                    |
| Kahler Asten         | 835  | 427 | 93015      | 01417 | 41959 | 9----                                          | 60219                             | 92508 | 04784      | 43858 | 9----                                          | 59216                             |  |  | 79259                                         | 001004                                        | 006015              |  |                    |
| Bad Lippspringe      | 151  | 430 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |  |  | 79456                                         | 512510                                        | 000014              |  |                    |
| Kassel               | 231  | 438 | 72901      | 56101 | 20758 | 754--                                          | 60226                             | 82106 | 50782      | 21758 | 854--                                          | 60111                             |  |  | 79354                                         | ---                                           | 002 006023          |  |                    |
| Göttingen            | 176  | 444 | 73301      | 57101 | 20357 | 754--                                          | 59228                             |       |            |       |                                                |                                   |  |  | 79256                                         | 503003                                        | 010024              |  |                    |
| Braunlage            | 607  | 452 | 63109      | 57107 | 18860 | 65400                                          | 62229                             |       |            |       |                                                |                                   |  |  | 70159                                         | 513000                                        | 010021              |  |                    |
| Aachen               | 202  | 501 | 72405      | 30101 | 21652 | 753--                                          | 54215                             | 72205 | 40102      | 22651 | 755--                                          | 53212                             |  |  | 79452                                         | 001005                                        | 012027              |  |                    |
| Nürvenich            | 117  | 502 |            |       |       |                                                |                                   | 62508 | 56102      | 22152 | 65500                                          | 53206                             |  |  |                                               | 510504                                        | 005034              |  |                    |
| Nürnberg             | 627  | 510 | 83102      | 18107 | 22356 | 861--                                          | 56224                             | 02503 | 40107      | 23756 | 00900                                          | 57212                             |  |  | 79655                                         | 006007                                        | 009024              |  |                    |
| Köln-Bonn, Flugh.    | 91   | 513 | 82702      | 40707 | 21651 | 763--                                          | 53219                             | 72302 | 35107      | 22453 | 754--                                          | 54007                             |  |  | 79551                                         | 514---                                        | 502025              |  |                    |
| Koblenz              | 76   | 515 | 82003      | 40107 | 21852 | 854--                                          | 54220                             |       |            |       |                                                |                                   |  |  | 79752                                         |                                               |                     |  |                    |
| Marientberg          | 547  | 526 | 82603      | 15102 | 20656 | 862--                                          | 57219                             | 82602 | 15107      | 21755 | 861--                                          | 55213                             |  |  | 79756                                         | 000005                                        | 009021              |  |                    |
| Gießen               | 136  | 532 | 00801      | 57100 | 21361 | 00900                                          | 63227                             | 80303 | 35101      | 23562 | 855--                                          | 63120                             |  |  | 70056                                         | 503502                                        | 004024              |  |                    |
| Bad Hersfeld         | 212  | 542 | 72104      | 50107 | 21959 | 755--                                          | 61227                             |       |            |       |                                                |                                   |  |  | 79257                                         | ---                                           | 001 006025          |  |                    |
| Wasserkuppe          | 921  | 544 | 93308      | 00497 | 41663 | 9----                                          | 63234                             | 92912 | 00494      | 42762 | 9----                                          | 62112                             |  |  | 79363                                         | ---                                           | 010 016031          |  |                    |
| Trier                | 295  | 609 | 72404      | 56101 | 23257 | 755--                                          | 58220                             | 72503 | 56102      | 24456 | 754--                                          | 57113                             |  |  | 70053                                         | 502000                                        | 005027              |  |                    |
| Deuselbach           | 430  | 615 | 72405      | 58037 | 22756 | 753--                                          | 57223                             |       |            |       |                                                |                                   |  |  | 79755                                         | 000000                                        | 006020              |  |                    |
| Pferdsfeld           | 316  | 626 |            |       |       |                                                |                                   | 53107 | 59031      | 23154 | 55500                                          | 57206                             |  |  |                                               | 501000                                        | 007029              |  |                    |
| Kl.feldberg/Ts.      | 805  | 635 | 93407      | 01493 | 42759 | 9----                                          | 59228                             | 93304 | 00714      | 44558 | 9----                                          | 58216                             |  |  | 79152                                         | ---                                           | 010                 |  |                    |
| Frankfurt, Flugh.    | 112  | 637 | 02005      | 56100 | 22359 | 00900                                          | 61228                             | 72004 | 56101      | 23757 | 755--                                          | 60215                             |  |  | 70054                                         | 505504                                        | 003023              |  |                    |
| Darmstadt            | 109  | 639 | 00000      | 57100 | 22660 | 00900                                          | 61220                             |       |            |       |                                                |                                   |  |  | 70056                                         | 508506                                        | 002018              |  |                    |
| Würzburg             | 259  | 655 | 70000      | 58031 | 22260 | 755--                                          | 62233                             | 80000 | 58022      | 23759 | 854--                                          | 61116                             |  |  | 79557                                         | 508506                                        | 000022              |  |                    |
| Bad Kissingen        | 265  | 658 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |  |  | 79756                                         | 507503                                        | 003017              |  |                    |
| Coburg               | 337  | 671 | 82804      | 56781 | 21159 | 855--                                          | 61223                             |       |            |       |                                                |                                   |  |  | 79258                                         | 000001                                        | 002018              |  |                    |
| Bamberg              | 239  | 675 |            |       |       |                                                |                                   |       |            |       |                                                |                                   |  |  | 79457                                         | 506504                                        | 003019              |  |                    |
| Hof                  | 567  | 685 | 82807      | 45717 | 19660 | 855--                                          | 61234                             | 42806 | 50227      | 21852 | 00901                                          | 64114                             |  |  | 70259                                         | 002005                                        | 009027              |  |                    |
| Weiden               | 438  | 688 | 82803      | 57227 | 21160 | 874--                                          | 62245                             | 82905 | 59787      | 22360 | 874--                                          | 62211                             |  |  | 70158                                         | 503002                                        | 005021              |  |                    |
| Beruf                | 363  | 704 | 52304      | 70011 | 23356 | 55500                                          | 58221                             |       |            |       |                                                |                                   |  |  | 70053                                         | 000002                                        | 006026              |  |                    |
| Tholey               | 396  | 706 | 02705      | 62020 | 22059 | 00900                                          | 57217                             |       |            |       |                                                |                                   |  |  | 70054                                         | 502004                                        | 008026              |  |                    |
| Saarbrücken, Flugh.  | 322  | 708 | 42301      | 40101 | 23858 | 45500                                          | 58227                             | 40000 | 40101      | 24358 | 45500                                          | 59210                             |  |  | 70055                                         | 002006                                        | 011032              |  |                    |
| Neustadt/Weinstr.    | 163  | 723 | 02905      | 58011 | 22555 | 00900                                          | 58227                             |       |            |       |                                                |                                   |  |  | 70053                                         | 003006                                        | 010035              |  |                    |
| Karlsruhe            | 112  | 727 | 72209      | 56101 | 23356 | 755--                                          | 58227                             | 72306 | 56102      | 24456 | 756--                                          | 59111                             |  |  | 79755                                         | 008010                                        | 016037              |  |                    |
| Mannheim             | 96   | 729 | 71805      | 56101 | 22656 | 755--                                          | 58225                             |       |            |       |                                                |                                   |  |  | 79756                                         | 000006                                        | 013038              |  |                    |
| Muttgart (Stadt)     | 305  | 737 | 82002      | 50051 | 23456 | 855--                                          | 59227                             | 72103 | 50102      | 24055 | 755--                                          | 58208                             |  |  | 79356                                         |                                               |                     |  |                    |
| Muttgart, Flugh.     | 397  | 738 | 82804      | 56701 | 23257 | 854--                                          |                                   |       |            |       |                                                |                                   |  |  |                                               |                                               |                     |  |                    |

Amtsblatt des Deutschen Wetterdienstes  
AEROLOGISCHE WETTERMELDUNGEN

Nummer 353

Sonnabend, den 19. Dezember 1981

Nummer 353

| Radiosondenmessungen |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|----------------------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|------|----------------|----------------|------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|----|----------------|----------------|------|----------------------------------------------|----|----------------|----------------|------|--|
| Station              | Schleswig                                    |     |                |                |      | Hannover                                     |     |                |                |      | Essen                                        |     |                |                |      | Stuttgart                                    |      |                |                |      | München                                      |     |                |                |      | Berlin                                       |    |                |                |      |                                              |    |                |                |      |  |
| YGG                  | 1900                                         |     |                |                |      | 1900                                         |     |                |                |      | 1900                                         |     |                |                |      | 1900                                         |      |                |                |      | 1900                                         |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| mb                   | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT   | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT | T <sub>d</sub> | T <sub>d</sub> | ddff |  |
|                      | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT   | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT | T <sub>d</sub> | T <sub>d</sub> | ddff |  |
| 10                   | 3018                                         | -63 | 27             | 49             |      | 3022                                         | -63 |                |                |      | 3029                                         | -62 | 26             | 44             |      | 3040                                         | -61  | 27             | 47             |      | 3039                                         | -62 | 26             | 37             |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 20                   | 2588                                         | -63 | 26             | 44             |      | 2594                                         | -61 |                |                |      | 2599                                         | -61 | 26             | 43             |      | 2609                                         | -60  | 27             | 19             |      | 2607                                         | -59 | 27             | 30             |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 30                   | 2336                                         | -59 | 26             | 39             |      | 2341                                         | -60 |                |                |      | 2346                                         | -58 | 26             | 33             |      | 2354                                         | -58  | 27             | 31             |      | 2352                                         | -58 | 27             | 26             |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 40                   | 2016                                         | -57 | 26             | 29             |      | 2020                                         | -58 |                |                |      | 2023                                         | -58 | 26             | 20             |      | 2031                                         | -58  | 26             | 21             |      | 2030                                         | -58 | 26             | 16             |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 50                   | 1803                                         | -57 | 26             | 28             |      | 1807                                         | -56 |                |                |      | 1809                                         | -55 | 26             | 20             |      | 1817                                         | -56  | 26             | 25             |      | 1817                                         | -56 | 25             | 26             |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 60                   | 1575                                         | -55 | 26             | 28             |      | 1579                                         | -54 |                |                |      | 1581                                         | -55 | 26             | 25             |      | 1589                                         | -53  | 24             | 26             |      | 1589                                         | -55 | 24             | 37             |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 70                   | 1316                                         | -53 | 25             | 27             |      | 1318                                         | -53 |                |                |      | 1320                                         | -52 | 25             | 21             |      | 1327                                         | -52  | 22             | 27             |      | 1329                                         | -53 | 24             | 27             |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 80                   | 1130                                         | -53 | 24             | 23             |      | 1132                                         | -52 |                |                |      | 1133                                         | -51 | -60            | 25             | 26   |                                              | 1140 | -50            | -56            | 22   | 28                                           |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 90                   | 0986                                         | -55 | 22             | 51             |      | 0988                                         | -55 |                |                |      | 0988                                         | -51 | -58            | 22             | 27   |                                              | 0994 | -50            | -54            | 21   | 38                                           |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 100                  | 0870                                         | -54 | -62            | 22             | 75   | 0872                                         | -56 |                |                |      | 0871                                         | -56 | -61            | 20             | 33   |                                              | 0875 | -51            | -54            | 21   | 38                                           |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 110                  | 0679                                         | -40 | -50            | 23             | 47   | 0681                                         | -39 |                |                |      | 0681                                         | -41 | -48            | 24             | 37   |                                              | 0684 | -40            | -42            | 22   | 18                                           |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 120                  | 0523                                         | -31 | -46            | 25             | 43   | 0524                                         | -29 | 22             | 12             |      | 0525                                         | -30 | -41            | 25             | 23   |                                              | 0527 | -27            | -28            | 23   | 16                                           |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 130                  | 0280                                         | -18 | -32            | 36             | 19   | 0277                                         | -16 | 01             | 17             |      | 0280                                         | -18 | -32            | 01             | 26   |                                              | 0276 | -12            | -12            | 25   | 16                                           |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 140                  | 0131                                         | -9  | -24            | 02             | 18   | 0128                                         | -9  | 02             | 16             |      | 0132                                         | -9  | -18            | 01             | 37   |                                              | 0125 | -9             | -9             | 35   | 15                                           |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| 150                  | 0005                                         | -7  | -9             | 36             | 05   | 0002                                         |     |                |                |      | 0006                                         |     |                |                |      |                                              | -002 |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
| Merkante Punkte      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |      |                |                |      |                                              |     |                |                |      |                                              |    |                |                |      |                                              |    |                |                |      |  |

# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

AEROLOGISCHE WETTERMELDUNGEN

Beilage 2

Jahrgang 6

Sonabend, den 19. Dezember 1981

Nummer 353

| Radiosondenmessungen |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |
|----------------------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|-----|----------------|----------------|------|----------------------------------------------|-----|----------------|----------------|------|
| Station              | Schleswig                                    |     |                |                |      | Hannover                                     |     |                |                |      | Essen                                        |     |                |                |      | Stuttgart                                    |     |                |                |      | München                                      |     |                |                |      | Berlin                                       |     |                |                |      |
| YYGG                 | 1912                                         |     |                |                |      | 1912                                         |     |                |                |      | 1912                                         |     |                |                |      | 1912                                         |     |                |                |      | 1912                                         |     |                |                |      | 1912                                         |     |                |                |      |
|                      | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | HHHH                                         | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff |
| mb                   | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> | TT  | T <sub>d</sub> | T <sub>d</sub> | ddff |
| 10                   |                                              |     |                |                |      | 3021                                         | -65 | 26             | 39             |      | 3026                                         | -61 |                |                |      | 3041                                         | -60 | 26             | 46             |      | 3037                                         | -62 | 24             | 40             |      | 3034                                         | -60 |                | 26             | 46   |
| 20                   | 2596                                         | -62 | 25             | 37             |      | 2597                                         | -63 | 25             | 40             |      | 2599                                         | -64 |                |                |      | 2609                                         | -59 | 27             | 29             |      | 2610                                         | -61 | 24             | 39             |      | 2602                                         | -60 |                | 26             | 45   |
| 30                   | 2340                                         | -61 | 26             | 36             |      | 2345                                         | -60 | 25             | 35             |      | 2348                                         | -60 |                |                |      | 2353                                         | -58 | 25             | 13             |      | 2355                                         | -58 | 24             | 20             |      | 2348                                         | -59 |                | 25             | 38   |
| 50                   | 2019                                         | -57 | 26             | 26             |      | 2023                                         | -58 | 26             | 26             |      | 2026                                         | -58 |                |                |      | 2030                                         | -56 | 26             | 28             |      | 2032                                         | -56 | 24             | 21             |      | 2025                                         | -57 |                | 25             | 28   |
| 70                   | 1807                                         | -57 | 26             | 26             |      | 1811                                         | -56 | 25             | 25             |      | 1814                                         | -56 |                |                |      | 1816                                         | -56 | 25             | 20             |      | 1818                                         | -56 | 25             | 23             |      | 1811                                         | -57 |                | 25             | 24   |
| 100                  | 1580                                         | -56 | 24             | 16             |      | 1583                                         | -54 | 25             | 21             |      | 1586                                         | -55 |                |                |      | 1588                                         | -53 | 26             | 15             |      | 1590                                         | -53 | 24             | 21             |      | 1584                                         | -55 | -72            | 24             | 24   |
| 150                  | 1319                                         | -52 | 27             | 23             |      | 1321                                         | -51 | 24             | 18             |      | 1324                                         | -52 |                |                |      | 1325                                         | -51 | 27             | 08             |      | 1326                                         | -51 | 23             | 20             |      | 1323                                         | -53 | -70            | 23             | 25   |
| 200                  | 1132                                         | -51 | 27             | 14             |      | 1134                                         | -51 | -69            | 27             | 15   | 1138                                         | -53 | -68            | 34             | 24   | 1137                                         | -50 | -58            | 29             | 13   | 1138                                         | -50 | -55            | 23             | 18   | 1136                                         | -52 | -67            | 22             | 30   |
| 250                  | 0987                                         | -51 | 29             | 16             |      | 0989                                         | -52 | -69            | 25             | 19   | 0993                                         | -51 | -66            | 34             | 30   | 0992                                         | -51 | -57            | 27             | 08   | 0993                                         | -52 | -56            | 21             | 20   | 0992                                         | -54 | -68            | 21             | 40   |
| 300                  | 0868                                         | -49 | 29             | 15             |      | 0871                                         | -51 | -67            | 23             | 23   | 0875                                         | -53 | -67            | 34             | 39   | 0874                                         | -56 | -60            | 19             | 24   | 0876                                         | -56 | -58            | 16             | 45   | 0875                                         | -53 | -64            | 21             | 61   |
| 400                  | 0677                                         | -44 | -57            | 30             | 18   | 0680                                         | -41 | -60            | 21             | 37   | 0685                                         | -44 | -60            | 01             | 48   | 0686                                         | -41 | -46            | 22             | 08   | 0687                                         | -41 | -43            | 17             | 19   | 0684                                         | -41 | -50            | 22             | 42   |
| 500                  | 0525                                         | -36 | -51            | 34             | 27   | 0526                                         | -34 | -54            | 29             | 19   | 0533                                         | -35 | -51            | 01             | 63   | 0530                                         | -31 | -42            | 31             | 14   | 0530                                         | -29 | -31            | 21             | 06   | 0528                                         | -28 | -35            | 22             | 25   |
| 700                  | 0283                                         | -21 | -33            | 34             | 22   | 0283                                         | -20 | -37            | 34             | 30   | 0288                                         | -20 | -27            | 35             | 52   | 0286                                         | -19 | -27            | 36             | 30   | 0283                                         | -17 | -17            | 34             | 29   | 0279                                         | -15 | -19            | 33             | 18   |
| 850                  | 0137                                         | -13 | -16            | 36             | 31   | 0136                                         | -12 | -16            | 35             | 23   | 0141                                         | -10 | -16            | 36             | 23   | 0138                                         | -11 | -17            | 35             | 12   | 0136                                         | -13 | -14            | 31             | 28   | 0131                                         | -12 | -12            | 01             | 31   |
| 1000                 | 0011                                         | -8  | -10            | 33             | 12   | 0011                                         | -6  | -8             | 29             | 11   | 0015                                         |     |                |                |      | 0013                                         |     |                |                |      | 0010                                         |     |                |                |      | 0005                                         | -4  | -6             | 35             | 10   |
| Markante Punkte      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 005                                          | -64 |                | 26             | 46   |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 055                                          | -56 |                |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 062                                          |     |                | 25             | 24   |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 070                                          | -57 |                | 25             | 24   |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 084                                          | -54 |                |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 110                                          | -55 | -71            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 130                                          | -52 | -69            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 143                                          | -54 | -71            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 159                                          | -51 | -68            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 165                                          | -52 | -68            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 170                                          |     |                | 23             | 25   |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 188                                          | -51 | -67            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 213                                          | -54 | -68            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 240                                          | -53 | -67            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 242                                          |     |                | 21             | 36   |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 248                                          | -54 | -68            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 272                                          | -53 | -65            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 281                                          | -56 | -67            | 21             | 53   |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 325                                          | -49 |                | 21             | 71   |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      | 363                                          | -45 | -58            |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                | 401  | -41                                          | -50 |                |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                | 433  |                                              |     | 22             | 31             |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                | 442  | -34                                          | -46 |                |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                | 502  |                                              |     | 22             | 25             |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                | 522  | -26                                          | -33 |                |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                | 589  | -22                                          | -22 |                |                |      |
|                      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |                                              |     |                |                |      |