

# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

Beilage 1

## BODENWETTERMELDUNGEN

Jahrgang 4

Mittwoch, den 12. September 1979

Nummer 255

| Station                        | Höhe | iii | 00 Uhr GMT |        |       |                                                  |                                   |  | 03 Uhr GMT |       |       |                                                  |                                   |     | 18-00                                                        | 00-00                                                        | 18-00 |
|--------------------------------|------|-----|------------|--------|-------|--------------------------------------------------|-----------------------------------|--|------------|-------|-------|--------------------------------------------------|-----------------------------------|-----|--------------------------------------------------------------|--------------------------------------------------------------|-------|
|                                |      |     | Nddff      | VvwwW  | PPFTT | N <sub>2</sub> ChC <sub>10</sub> C <sub>11</sub> | T <sub>2</sub> T <sub>2</sub> 0pp |  | Nddff      | VvwwW | PPFTT | N <sub>2</sub> ChC <sub>10</sub> C <sub>11</sub> | T <sub>2</sub> T <sub>2</sub> 0pp |     | t <sub>1</sub> t <sub>1</sub> -t <sub>2</sub> t <sub>2</sub> | t <sub>1</sub> t <sub>1</sub> -t <sub>2</sub> t <sub>2</sub> | 788-- |
| Helgoland                      | 4    | 015 | 13215      | 80016  | 18015 | 11400                                            | 08212                             |  | 13212      | 82010 | 19114 | 11400                                            | 06210                             |     | 23-31                                                        |                                                              | 793-- |
| List                           | 26   | 020 | 33121      | 82016  | 17113 | 35500                                            | 06217                             |  | 23118      | 82020 | 18113 | 25600                                            | 05211                             |     | 26-38                                                        | 22-30                                                        | 793-- |
| Schleswig                      | 43   | 035 | 52806      | 70036  | 17410 | 55600                                            | 08221                             |  | 42707      | 70031 | 18509 | 45600                                            | 06211                             |     |                                                              |                                                              | 701-- |
| Kiel                           | 7    | 045 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Norderney                      | 13   | 113 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Bremerhaven                    | 7    | 129 | 72909      | 70215  | 18915 | 784--                                            | 15212                             |  | 53608      | 75012 | 19715 | 55500                                            | 11208                             |     |                                                              |                                                              | 791-- |
| Cuxhaven                       | 4    | 131 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Hamburg-Fuhlsbüttel, Flugh.    | 16   | 147 | 73006      | 75216  | 18414 | 65301                                            | 13215                             |  | 52804      | 81012 | 19512 | 48401                                            | 11211                             | --- | 26                                                           |                                                              | 796-- |
| Lübeck                         | 8    | 156 | 53007      | 60012  | 17514 | 55600                                            | 12219                             |  | 02805      | 65011 | 18612 | 00900                                            | 09211                             |     |                                                              |                                                              | 700-- |
| Emden-Hafen                    | 6    | 203 | 83103      | 50212  | 19415 | 754--                                            | 14204                             |  | 33301      | 70011 | 20111 | 38401                                            | 12207                             |     |                                                              |                                                              | 791-- |
| Bremen, Flugh.                 | 3    | 224 | 82809      | 58021  | 18815 | 854--                                            | 12207                             |  | 32803      | 50126 | 19312 | 25401                                            | 11205                             |     |                                                              |                                                              | 700-- |
| Saltau                         | 77   | 235 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Lüchow                         | 17   | 253 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Lingen                         | 21   | 305 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Münster                        | 63   | 313 | 02302      | 20101  | 21113 | 00900                                            | 12108                             |  | 82202      | 30101 | 21114 | 755--                                            | 13400                             |     |                                                              |                                                              | 700-- |
| Osnabrück                      | 95   | 317 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Gütersloh                      | 72   | 320 | 42205      | 20101  | 21513 | 00901                                            | 12108                             |  | 82402      | 16101 | 21414 | 854--                                            | 13400                             |     |                                                              |                                                              |       |
| Bad Salzungen                  | 98   | 325 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Hannover-Langenhagen, Flugh.   | 56   | 338 | 72608      | 50101  | 19815 | 756--                                            | 13211                             |  | 82707      | 25202 | 20214 | 852--                                            | 13304                             |     |                                                              |                                                              | 700-- |
| Braunschweig-Völkenrode        | 81   | 348 | 82807      | 3505-- | 19415 | 855--                                            | 12210                             |  | 82706      | 35512 | 19714 | 854--                                            | 12203                             |     |                                                              |                                                              | 700-- |
| Berlin-Dahlem                  | 51   | 381 | 72708      | 50102  | 17316 | 756--                                            | 13108                             |  | 82807      | 56206 | 18115 | 855--                                            | 13108                             |     |                                                              |                                                              | 700-- |
| Berlin-Tempelhof, Flugh.       | 50   | 384 | 72613      | 44101  | 16916 | 754--                                            | 13005                             |  | 82910      | 50582 | 17916 | 854--                                            | 13310                             |     |                                                              |                                                              | 700-- |
| Düsseldorf, Flugh.             | 45   | 400 | 52405      | 30101  | 22115 | 35501                                            | 13107                             |  | 02103      | 30101 | 21913 | 00900                                            | 11602                             |     |                                                              |                                                              | 700-- |
| Bocholt                        | 25   | 406 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Essen                          | 154  | 410 | 82504      | 30102  | 21915 | 755--                                            | 13108                             |  | 02404      | 20101 | 21813 | 00900                                            | 12803                             |     |                                                              |                                                              | 700-- |
| Kahler Asten                   | 835  | 427 | 93013      | 08412  | 53510 | 9----                                            | 10204                             |  | 93208      | 03414 | 53410 | 9----                                            | 10801                             |     |                                                              |                                                              | 700-- |
| Bad Lippspringe                | 151  | 430 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Kassel                         | 231  | 438 | 82502      | 57101  | 20515 | 755--                                            | 11207                             |  | 73104      | 56102 | 20715 | 755--                                            | 12302                             |     |                                                              |                                                              | 700-- |
| Göttingen                      | 176  | 444 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Braunlage                      | 607  | 452 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Aachen                         | 202  | 501 | 62403      | 30101  | 22314 | 655--                                            | 11204                             |  | 02102      | 25101 | 21913 | 00900                                            | 11804                             |     |                                                              |                                                              | 700-- |
| Nürnberg                       | 627  | 510 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Köln-Bonn, Flugh.              | 91   | 513 | 72503      | 45101  | 22015 | 755--                                            | 13203                             |  | 71603      | 45102 | 21813 | 755--                                            | 12802                             |     |                                                              |                                                              | 700-- |
| Koblenz                        | 96   | 515 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Marientberg                    | 547  | 526 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Gießen                         | 182  | 532 | 53103      | 50101  | 21115 | 30931                                            | 12210                             |  | 00000      | 50101 | 20913 | 00900                                            | 11802                             |     |                                                              |                                                              | 700-- |
| Bad Hersfeld                   | 212  | 542 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Wasserkuppe                    | 921  | 544 | 93008      | 00471  | 53411 | 9----                                            | 11502                             |  | 93308      | 02434 | 52810 | 9----                                            | 10804                             |     |                                                              |                                                              | 700-- |
| Trier-Petrisberg               | 265  | 609 | 42603      | 57101  | 22214 | 45501                                            | 12204                             |  | 70000      | 57101 | 22113 | 755--                                            | 11803                             |     |                                                              |                                                              | 700-- |
| Deuselbach                     | 479  | 615 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Kl.Feldberg/Ts.                | 805  | 635 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Frankfurt, Flugh.              | 112  | 637 | 01803      | 50021  | 20516 | 00900                                            | 14210                             |  | 61504      | 45101 | 21114 | 654--                                            | 13105                             |     |                                                              |                                                              | 700-- |
| Darmstadt                      | 133  | 639 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Würzburg                       | 259  | 655 | 03203      | 56100  | 20416 | 00900                                            | 13307                             |  | 03202      | 38100 | 21013 | 00900                                            | 12103                             |     |                                                              |                                                              | 700-- |
| Bad Kissingen                  | 262  | 658 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Coburg                         | 337  | 671 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Bamberg                        | 239  | 675 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Hof                            | 567  | 685 | 42501      | 50100  | 20212 | 40970                                            | 11400                             |  | 23402      | 50101 | 21011 | 20930                                            | 10305                             |     |                                                              |                                                              | 700-- |
| Weiden                         | 438  | 688 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Berus                          | 363  | 704 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Tholey                         | 398  | 706 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Saarbrücken-Enzheim, Flugh.    | 322  | 708 | 22903      | 56101  | 22213 | 20941                                            | 11105                             |  | 10000      | 12410 | 21811 | 00901                                            | 10807                             |     |                                                              |                                                              | 700-- |
| Neustadt/Weinstr.              | 163  | 723 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Weinbiet/Weinstr.              | 553  | 724 | -3114      | 59---  | 23415 | -----                                            | 12205                             |  | -3006      | 59--- | 23813 | -----                                            | 11701                             |     |                                                              |                                                              |       |
| Karlsruhe                      | 112  | 727 | 32002      | 60031  | 21716 | 20931                                            | 12208                             |  | 52103      | 62012 | 21715 | 25630                                            | 12000                             |     |                                                              |                                                              | 700-- |
| Mannheim                       | 97   | 729 | 02201      | 60020  | 21615 | 00901                                            | 12208                             |  | 20000      | 30100 | 21713 | 20931                                            | 11400                             |     |                                                              |                                                              | 700-- |
| Stuttgart (Stadt)              | 305  | 737 | 32102      | 50101  | 21815 | 20932                                            | 12204                             |  | 30000      | 40100 | 21914 | 00902                                            | 12400                             |     |                                                              |                                                              | 700-- |
| Stuttgart-Echterdingen, Flugh. | 396  | 738 | 42702      | 58031  | 22112 | 45700                                            | 10103                             |  | 30000      | 56101 | 25511 | 35700                                            | 10001                             |     |                                                              |                                                              | 700-- |
| Öhringen                       | 276  | 742 | 10000      | 40100  | 21613 | 10931                                            | 11204                             |  | 00101      | 40100 | 22012 | 00900                                            | 11103                             |     |                                                              |                                                              | 700-- |
| Weißenburg/Boy.                | 422  | 761 | 30000      | 58031  | 21611 | 20931                                            | 09201                             |  | 00000      | 50100 | 21810 | 00900                                            | 08400                             |     |                                                              |                                                              | 700-- |
| Nürnberg, Flugh.               | 319  | 763 | 50804      | 50101  | 21213 | 35530                                            | 12203                             |  | 03404      | 30100 | 21512 | 00900                                            | 11201                             |     |                                                              |                                                              | 700-- |
| Regensburg                     | 376  | 776 | 00000      | 58020  | 21811 | 00900                                            | 10205                             |  | 30000      | 56100 | 21611 | 35600                                            | 10803                             |     |                                                              |                                                              | 700-- |
| Gr. Falkenstein                | 1307 | 791 |            |        |       |                                                  |                                   |  | 13105      | 40100 | 55009 | 10932                                            | 08803                             |     |                                                              |                                                              |       |
| Freiburg                       | 269  | 803 | 01203      | 35101  | 21517 | 00900                                            | 15000                             |  | 00000      | 35100 | 21516 | 00900                                            | 13801                             |     |                                                              |                                                              | 700-- |
| Freudenstadt                   | 797  | 815 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Klippeneck                     | 973  | 818 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Stätten                        | 734  | 836 | 12104      | 60021  | 21915 | 00901                                            | 09103                             |  | 02806      | 60020 | 22213 | 00900                                            | 10603                             |     |                                                              |                                                              | 700-- |
| Ulm                            | 522  | 838 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Augsburg                       | 477  | 852 | 01802      | 40110  | 22611 | 00900                                            | 11001                             |  | 11803      | 20110 | 22810 | 10930                                            | 10801                             |     |                                                              |                                                              | 700-- |
| München-Riem, Flugh.           | 530  | 866 | 02003      | 56100  | 22213 | 00900                                            | 11203                             |  | 02103      | 30100 | 22511 | 00900                                            | 10400                             |     |                                                              |                                                              | 700-- |
| Mühlhof                        | 401  | 875 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Passau                         | 409  | 893 | 00204      | 25100  | 21912 | 00900                                            | 11202                             |  | 90601      | 05474 | 22211 | 9----                                            | 11202                             |     |                                                              |                                                              | 700-- |
| Feldberg/Schw.                 | 1486 | 908 | 00000      | 64014  | 56310 | 00900                                            | 08801                             |  | 00000      | 64020 | 55710 | 00900                                            | 06705                             |     |                                                              |                                                              | 700-- |
| Konstanz                       | 443  | 929 | 32402      | 45100  | 21615 | 16301                                            | 14000                             |  | 93503      | 08474 | 21714 | 9----                                            | 14400                             |     |                                                              |                                                              | 700-- |
| Friedrichshafen                | 401  | 934 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Kempten-Lenzried               | 705  | 946 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Oberndorf                      | 810  | 948 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Zugspitze                      | 2960 | 961 | 12710      | 82020  | 13903 | 00902                                            | 00400                             |  | 12511      | 84020 | 13303 | 00902                                            | 52805                             |     |                                                              |                                                              | 700-- |
| Hohenpeißenberg                | 977  | 962 | 00201      | 58020  | 55014 | 00900                                            | 10804                             |  | 01501      | 60020 | 54713 | 00900                                            | 08603                             |     |                                                              |                                                              | 700-- |
| Garmisch-Partenkirchen         | 719  | 963 |            |        |       |                                                  |                                   |  |            |       |       |                                                  |                                   |     |                                                              |                                                              |       |
| Wendelstein                    | 1832 | 980 |            |        |       |                                                  |                                   |  | 93207      | 00454 | 56208 | 9----                                            | 08803                             |     |                                                              |                                                              |       |

Mittwoch, den 12. September 1979

| Station                        | 06 Uhr GMT |     |       |        |       |                                                |                                   | 09 Uhr GMT |        |       |                                                |                                   |                                                               |                                                               | 00-06                                                         |                                                               | 06-09 |  | 18-06 |  | RR mm | Eas m/s |
|--------------------------------|------------|-----|-------|--------|-------|------------------------------------------------|-----------------------------------|------------|--------|-------|------------------------------------------------|-----------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-------|--|-------|--|-------|---------|
|                                | Höhe       | iii | NdHh  | VVwW   | PPFT  | N <sub>0</sub> ChC <sub>0</sub> C <sub>0</sub> | T <sub>0</sub> T <sub>0</sub> app | NdHh       | VVwW   | PPFT  | N <sub>0</sub> ChC <sub>0</sub> C <sub>0</sub> | T <sub>0</sub> T <sub>0</sub> app | T <sub>0</sub> T <sub>0</sub> - T <sub>0</sub> T <sub>0</sub> | T <sub>0</sub> T <sub>0</sub> - T <sub>0</sub> T <sub>0</sub> | T <sub>0</sub> T <sub>0</sub> - 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 | 53006 | 84030  | 19714 | 28431                                          | 06106                             | 42306      | 84012  | 20716 | 38431                                          | 07310                             | 79313                                                         | 15710                                                         | 93020                                                         | 1                                                             |       |  |       |  |       |         |
| List                           | 26         | 020 | 53111 | 82031  | 18713 | 55601                                          | 06105                             | 62710      | 84022  | 19915 | 45630                                          | 06312                             | 79313                                                         | 14711                                                         | 01000                                                         | 1                                                             |       |  |       |  |       |         |
| Schleswig                      | 43         | 035 | 62606 | 81031  | 19209 | 45601                                          | 06207                             | 52710      | 81012  | 20215 | 48531                                          | 07211                             | 70008                                                         | 14706                                                         | 01003                                                         | 1                                                             |       |  |       |  |       |         |
| Kiel                           | 7          | 045 | 32603 | 70022  | 19009 | 15501                                          | 08210                             | 72903      | 80021  | 20015 | 785--                                          | 08212                             | 79507                                                         | 15006                                                         | 95002                                                         | 1                                                             |       |  |       |  |       |         |
| Norderney                      | 13         | 113 | 63403 | 80032  | 20514 | 18432                                          | 10206                             | 31806      | 80021  | 20916 | 11430                                          | 10104                             | 79114                                                         | 16710                                                         | 91052                                                         | 1                                                             |       |  |       |  |       |         |
| Bremerhaven                    | 7          | 129 | 62603 | 75022  | 20614 | 45501                                          | 11209                             | 52403      | 75022  | 21316 | 38530                                          | 09207                             | 79114                                                         | 16012                                                         | 91018                                                         | 0                                                             |       |  |       |  |       |         |
| Cuxhaven                       | 4          | 131 | 43007 | 80031  | 19213 | 18401                                          | 07208                             | 42807      | 80011  | 20116 | 11431                                          | 07109                             | 79513                                                         | 15409                                                         | 95029                                                         | 1                                                             |       |  |       |  |       |         |
| Hamburg-Fuhlsbüttel, Flugh.    | 16         | 147 | 42404 | 80284  | 20510 | 15501                                          | 09210                             | 52505      | 70021  | 21316 | 11600                                          | 08208                             | 79608                                                         | 15405                                                         | 96004                                                         | 1                                                             |       |  |       |  |       |         |
| Lübeck                         | 8          | 156 | 32506 | 75011  | 19311 | 00941                                          | 08208                             | 62908      | 80022  | 21115 | 11501                                          | 06218                             | 70010                                                         | 16008                                                         | 00002                                                         | 1                                                             |       |  |       |  |       |         |
| Emden-Hafen                    | 6          | 203 | 73101 | 70031  | 20613 | 28432                                          | 12205                             | 41904      | 70021  | 20817 | 22430                                          | 12202                             | 79113                                                         | 17010                                                         | 91052                                                         | 1                                                             |       |  |       |  |       |         |
| Bremen, Flugh.                 | 3          | 224 | 92703 | 01436  | 20412 | 9----                                          | 12211                             | 40000      | 68014  | 21215 | 32431                                          | 13208                             | 79709                                                         | 15808                                                         | 97026                                                         | 1                                                             |       |  |       |  |       |         |
| Saltau                         | 77         | 235 | 52802 | 02462  | 20712 | 45202                                          | 12208                             | 72603      | 60024  | 21216 | 31502                                          | 10206                             | 79312                                                         | 16109                                                         | 93024                                                         | 1                                                             |       |  |       |  |       |         |
| Lüchow                         | 17         | 253 | 72804 | 40102  | 20213 | 42501                                          | 12210                             | 52704      | 73012  | 21516 | 31501                                          | 09214                             | 70011                                                         | 16609                                                         | 00057                                                         | 0                                                             |       |  |       |  |       |         |
| Lingen                         | 21         | 305 | 82204 | 10106  | 21014 | 763--                                          | 13304                             | 82204      | 15102  | 21615 | 762--                                          | 14106                             | 79314                                                         | 15212                                                         | 93035                                                         | 1                                                             |       |  |       |  |       |         |
| Münster                        | 63         | 313 | 82401 | 30101  | 21314 | 755--                                          | 13301                             | 82105      | 18102  | 22015 | 752--                                          | 13208                             | 70013                                                         | 15911                                                         | 00044                                                         | 1                                                             |       |  |       |  |       |         |
| Osnabrück                      | 95         | 317 | 82302 | 15502  | 21314 | 871--                                          | 14205                             | 82104      | 15105  | 22215 | 862--                                          | 14210                             | 79214                                                         | 15612                                                         | 92044                                                         | 1                                                             |       |  |       |  |       |         |
| Gütersloh                      | 72         | 320 | 82502 | 14101  | 21815 | 862--                                          | 14304                             | 82506      | 35052  | 22515 | 853--                                          | 13107                             | 70013                                                         | -----                                                         | 00----                                                        | 1                                                             |       |  |       |  |       |         |
| Bad Salzungen                  | 98         | 325 | 82701 | 18202  | 20414 | 862--                                          | 13305                             | 82203      | 18202  | 21415 | 862--                                          | 13210                             | 79714                                                         | 16812                                                         | 97037                                                         | 1                                                             |       |  |       |  |       |         |
| Hannover-Langenhagen, Flugh.   | 56         | 338 | 82703 | 18106  | 21214 | 862--                                          | 13209                             | 72803      | 40102  | 21616 | 784--                                          | 14205                             | 79214                                                         | 16113                                                         | 92050                                                         | 1                                                             |       |  |       |  |       |         |
| Braunschweig-Völkenrode        | 81         | 348 | 82603 | 13105  | 20514 | 862--                                          | 13208                             | 83104      | 38105  | 21515 | 854--                                          | 14210                             | 79214                                                         | 16813                                                         | 92057                                                         | 1                                                             |       |  |       |  |       |         |
| Berlin-Dahlem                  | 51         | 381 | 53004 | 62016  | 19913 | 25501                                          | 12217                             | 43106      | 75022  | 21417 | 21501                                          | 08116                             | 79213                                                         | 16111                                                         | 92065                                                         | 1                                                             |       |  |       |  |       |         |
| Berlin-Tempelhof, Flugh.       | 50         | 384 | 63007 | 62016  | 19614 | 18431                                          | 12217                             | 63108      | 78021  | 21316 | 28501                                          | 08217                             | 79214                                                         | 17511                                                         | 92066                                                         | 1                                                             |       |  |       |  |       |         |
| Düsseldorf, Flugh.             | 45         | 400 | 42005 | 18101  | 22313 | 35631                                          | 12304                             | 22009      | 50050  | 22716 | 21500                                          | 12104                             | 70012                                                         | 16709                                                         | 00012                                                         | 1                                                             |       |  |       |  |       |         |
| Bocholt                        | 25         | 406 | 82305 | 10102  | 21213 | 861--                                          | 12102                             | 82106      | 18102  | 21714 | 862--                                          | 13206                             | 70012                                                         | 15011                                                         | 00010                                                         | 1                                                             |       |  |       |  |       |         |
| Essen                          | 154        | 410 | 72204 | 10281  | 22113 | 753--                                          | 13303                             | 52310      | 40102  | 22115 | 16470                                          | 12101                             | 70012                                                         | 15612                                                         | 00013                                                         | 1                                                             |       |  |       |  |       |         |
| Kahler Asten                   | 835        | 427 | 92806 | 01414  | 53310 | 9----                                          | 10301                             | 92305      | 06414  | 54511 | 9----                                          | 11212                             | 70009                                                         | 12406                                                         | 00057                                                         | 1                                                             |       |  |       |  |       |         |
| Bad Lippspringe                | 151        | 430 | 82103 | 10102  | 21414 | 862--                                          | 13304                             | 82103      | 15102  | 22315 | 862--                                          | 13209                             | 70013                                                         | 16511                                                         | 00043                                                         | 1                                                             |       |  |       |  |       |         |
| Kassel                         | 231        | 438 | 80000 | 32102  | 20914 | 756--                                          | 12201                             | 82104      | 35102  | 21715 | 756--                                          | 12209                             | 70013                                                         | 16510                                                         | 97054                                                         | 0                                                             |       |  |       |  |       |         |
| Göttingen                      | 176        | 444 | 71901 | 56102  | 21214 | 755--                                          | 12304                             | 82403      | 56102  | 22215 | 855--                                          | 13210                             | 70013                                                         | 16911                                                         | 00037                                                         | 0                                                             |       |  |       |  |       |         |
| Braunlage                      | 607        | 452 | 82104 | 15102  | 21711 | 862--                                          | 10309                             | 82204      | 10514  | 22611 | 871--                                          | 11208                             | 70011                                                         | 14409                                                         | 00052                                                         | 0                                                             |       |  |       |  |       |         |
| Aachen                         | 202        | 501 | 12104 | 30101  | 22212 | 00901                                          | 10301                             | 11905      | 35100  | 22114 | 11501                                          | 10201                             | 70012                                                         | 16110                                                         | 00031                                                         | 1                                                             |       |  |       |  |       |         |
| Nürnberg                       | 627        | 510 | 62602 | 56102  | 22810 | 655--                                          | 09501                             | 11608      | 56101  | 22213 | 00901                                          | 10102                             | 70010                                                         | 15107                                                         | 00074                                                         | 0                                                             |       |  |       |  |       |         |
| Köln-Bonn, Flugh.              | 91         | 513 | 70000 | 30102  | 22414 | 754--                                          | 13205                             | 42201      | 35051  | 22816 | 11501                                          | 12104                             | 70013                                                         | 16611                                                         | 00032                                                         | 1                                                             |       |  |       |  |       |         |
| Koblenz                        | 96         | 515 | 70000 | 25102  | 22115 | 754--                                          | 13303                             | 43302      | 30052  | 22817 | 35501                                          | 13109                             | 70014                                                         | 189--                                                         | 00048                                                         | 0                                                             |       |  |       |  |       |         |
| Marienberg                     | 547        | 526 | 92901 | 07452  | 21412 | 9----                                          | 12303                             | 72102      | 50104  | 21813 | 754--                                          | 10206                             | 70012                                                         | 14810                                                         | 00054                                                         | 1                                                             |       |  |       |  |       |         |
| Gießen                         | 182        | 532 | 12303 | 25101  | 21711 | 00901                                          | 10305                             | 72901      | 40101  | 22515 | 755--                                          | 13211                             | 70010                                                         | 16807                                                         | 00050                                                         | 0                                                             |       |  |       |  |       |         |
| Bad Hersfeld                   | 212        | 542 | 12802 | 15284  | 22310 | 10930                                          | 10105                             | 71805      | 40051  | 22517 | 4563--                                         | 13008                             | 70010                                                         | 15809                                                         | 00064                                                         | 1                                                             |       |  |       |  |       |         |
| Wasserkuppe                    | 921        | 544 | 73209 | 20104  | 53409 | 752--                                          | 09308                             | 60000      | 25102  | 54511 | 51301                                          | 09208                             | 70009                                                         | 13207                                                         | 00102                                                         | 1                                                             |       |  |       |  |       |         |
| Trier-Petrisberg               | 265        | 609 | 72101 | 50101  | 22413 | 754--                                          | 12303                             | 72203      | 56101  | 22715 | 756--                                          | 11205                             | 70012                                                         | 16511                                                         | 00077                                                         | 0                                                             |       |  |       |  |       |         |
| Deuselbach                     | 479        | 615 | 21001 | 45102  | 22310 | 00901                                          | 09303                             | 32902      | 57101  | 22014 | 38400                                          | 11104                             | 70010                                                         | 15708                                                         | 00098                                                         | 1                                                             |       |  |       |  |       |         |
| Kl.Feldberg/Ts.                | 805        | 635 | 93404 | 03454  | 53609 | 9----                                          | 09307                             | 71902      | 35284  | 55112 | 781--                                          | 11207                             | 70009                                                         | 13908                                                         | 00100                                                         | 1                                                             |       |  |       |  |       |         |
| Frankfurt, Flugh.              | 112        | 637 | 73601 | 30101  | 21315 | 754--                                          | 12302                             | 20000      | 37101  | 21918 | 18431                                          | 14108                             | 70012                                                         | 18411                                                         | 00093                                                         | 0                                                             |       |  |       |  |       |         |
| Darmstadt                      | 133        | 639 | 71402 | 37101  | 22116 | 755--                                          | 13304                             | 20905      | 56051  | 22219 | 21501                                          | 13104                             | 70016                                                         | 18312                                                         | 00103                                                         | 0                                                             |       |  |       |  |       |         |
| Würzburg                       | 239        | 655 | 51701 | 25100  | 21613 | 55500                                          | 12306                             | 71801      | 33052  | 21917 | 755--                                          | 12208                             | 70013                                                         | 16711                                                         | 00065                                                         | 1                                                             |       |  |       |  |       |         |
| Bad Kissingen                  | 262        | 658 | 92101 | 07471  | 21911 | 9----                                          | 11304                             | 72302      | 38284  | 22315 | 784--                                          | 13208                             | 70011                                                         | 15609                                                         | 00075                                                         | 0                                                             |       |  |       |  |       |         |
| Coburg                         | 337        | 671 | 50000 | 15101  | 22111 | 35241                                          | 10304                             | 33302      | 42051  | 22116 | 18432                                          | 11108                             | 70011                                                         | 15309                                                         | 00099                                                         | 0                                                             |       |  |       |  |       |         |
| Bamberg                        | 239        | 675 | 71901 | 05461  | 22311 | 755--                                          | 11305                             | 61902      | 30104  | 22616 | 65500                                          | 13208                             | 70010                                                         | 14410                                                         | 00074                                                         | 1                                                             |       |  |       |  |       |         |
| Hof                            | 567        | 685 | 70000 | 11101  | 21411 | 772--                                          | 10204                             | 72801      | 45052  | 21614 | 784--                                          | 10108                             | 70011                                                         | 13408                                                         | 00102                                                         | 1                                                             |       |  |       |  |       |         |
| Weiden                         | 438        | 688 | 00000 | 25100  | 21910 | 00900                                          | 09303                             | 02702      | 30101  | 21815 | 00900                                          | 12208                             | 70010                                                         | 13907                                                         | 00081                                                         | 0                                                             |       |  |       |  |       |         |
| Berchtesgaden                  | 363        | 704 | 33405 | 40102  | 23111 | 35500                                          | 10400                             | 72902      | 57101  | 23213 | 755--                                          | 11204                             | 70011                                                         | 16709                                                         | 00113                                                         | 1                                                             |       |  |       |  |       |         |
| Tholey                         | 398        | 706 | 30000 | 01462  | 22709 | 35500                                          | 09400                             | 71801      | 40284  | 22912 | 752--                                          | 11308                             | 70009                                                         | 16907                                                         | 00105                                                         | 0                                                             |       |  |       |  |       |         |
| Saarbrücken-Ensheim, Flugh.    | 322        | 708 | 00000 | 01464  | 22508 | 00900                                          | 08303                             | 72902      | 20284  | 22613 | 751--                                          | 11208                             | 70008                                                         | 16605                                                         | 00101                                                         | 0                                                             |       |  |       |  |       |         |
| Neustadt/Weinstr.              | 163        | 723 | 72602 | 30102  | 21914 | 764--                                          | 12301                             | 60703      | 25052  | 22018 | 664--                                          | 14205                             | 70013                                                         | 17912                                                         | 00091                                                         | 0                                                             |       |  |       |  |       |         |
| Weinbiet/Weinstr.              | 553        | 724 | -0704 | 37---- | 23514 | -----                                          | 12500                             | -1002      | 59---- | 24016 | -----                                          | 12207                             |                                                               |                                                               |                                                               |                                                               |       |  |       |  |       |         |
| Karlsruhe                      | 112        | 727 | 12203 | 50101  | 22313 | 00901                                          | 12204                             | 12404      | 48050  | 22718 | 11500                                          | 13206                             | 70013                                                         | 18109                                                         | 00109                                                         | 0                                                             |       |  |       |  |       |         |
| Mannheim                       | 97         | 729 | 80000 | 25101  | 22013 | 855--                                          | 12303                             | 51901      | 20052  | 22618 | 38402                                          | 14208                             | 70013                                                         | 17810                                                         | 00100                                                         | 0                                                             |       |  |       |  |       |         |
| Stuttgart (Stadt)              | 305        | 737 | 01902 | 40100  | 22513 | 00900                                          | 11304                             | 00102      | 50050  | 22118 | 00900                                          | 12203                             | 70013                                                         | 173--                                                         | 00076                                                         | 1                                                             |       |  |       |  |       |         |
| Stuttgart-Echterdingen, Flugh. | 396        | 738 | 10000 | 18281  | 22710 | 10930                                          | 10301                             | 01201      | 40050  | 22217 | 00900                                          | 13206                             | 70010                                                         | 16208                                                         | 00----                                                        | 1                                                             |       |  |       |  |       |         |
| Öhringen                       | 276        | 742 | 00000 | 25100  | 22411 | 00900                                          | 10303                             | 10000      | 25101  | 2     |                                                |                                   |                                                               |                                                               |                                                               |                                                               |       |  |       |  |       |         |

Mittwoch, den 12. September 1979

| Station                        | Höhe | 12 Uhr GMT |       |       |       |                                                             |                                   |  | 15 Uhr GMT |       |       |                                                             |                                   |  |  | 06-12             | 13-18             | 06-12  |
|--------------------------------|------|------------|-------|-------|-------|-------------------------------------------------------------|-----------------------------------|--|------------|-------|-------|-------------------------------------------------------------|-----------------------------------|--|--|-------------------|-------------------|--------|
|                                |      | III        | NdHh  | VVuuW | FFFFT | N <sub>h</sub> C <sub>h</sub> C <sub>u</sub> C <sub>h</sub> | T <sub>h</sub> T <sub>u</sub> app |  | NdHh       | VVuuW | FFFFT | N <sub>h</sub> C <sub>h</sub> C <sub>u</sub> C <sub>h</sub> | T <sub>h</sub> T <sub>u</sub> app |  |  | $t_{12} - t_{18}$ | $t_{12} - t_{18}$ | 788--- |
| Helgoland                      | 4    | 015        | 11910 | 84011 | 19616 | 00901                                                       | 09811                             |  | 11807      | 84020 | 17617 | 15602                                                       | 13720                             |  |  |                   |                   | 700--  |
| Ost                            | 26   | 020        | 12410 | 82021 | 19017 | 11501                                                       | 08808                             |  | 12111      | 82020 | 17417 | 18501                                                       | 10716                             |  |  |                   |                   | 700--  |
| Schleswig                      | 43   | 035        | 52609 | 82022 | 20016 | 48500                                                       | 07101                             |  | 12511      | 82010 | 18117 | 11600                                                       | 08819                             |  |  |                   |                   | 700--  |
| Kiel                           | 7    | 045        | 32704 | 81021 | 19817 | 31500                                                       | 06803                             |  | 12606      | 80020 | 18318 | 25500                                                       | 08714                             |  |  |                   |                   | 700--  |
| Norderney                      | 13   | 113        | 12210 | 70021 | 20019 | 12432                                                       | 13809                             |  | 32309      | 40050 | 17919 | 15530                                                       | 15721                             |  |  |                   |                   | 700--  |
| Bremerhaven                    | 7    | 129        | 52106 | 75022 | 20220 | 52500                                                       | 12811                             |  | 62206      | 66022 | 18520 | 62500                                                       | 13717                             |  |  |                   |                   | 700--  |
| Cuxhaven                       | 4    | 131        | 12107 | 80021 | 19217 | 11501                                                       | 10809                             |  | 12308      | 80010 | 17120 | 11501                                                       | 11721                             |  |  |                   |                   | 700--  |
| Hamburg-Fuhlsbüttel, Flugh.    | 16   | 147        | 32508 | 70011 | 20718 | 31600                                                       | 09805                             |  | 32707      | 80020 | 18919 | 31600                                                       | 10718                             |  |  |                   |                   | 700--  |
| Lübeck                         | 8    | 156        | 42408 | 80012 | 20418 | 41500                                                       | 07707                             |  | 12512      | 80010 | 18718 | 12500                                                       | 08717                             |  |  |                   |                   | 700--  |
| Enden-Hafen                    | 6    | 203        | 52209 | 62011 | 19719 | 52400                                                       | 13811                             |  | 82409      | 17216 | 18118 | 863--                                                       | 15716                             |  |  |                   |                   | 700--  |
| Bremen, Flugh.                 | 3    | 224        | 32407 | 65014 | 19919 | 38600                                                       | 12813                             |  | 52311      | 50051 | 18519 | 54500                                                       | 14714                             |  |  |                   |                   | 700--  |
| Saltau                         | 77   | 235        | 62707 | 80024 | 20719 | 62600                                                       | 10804                             |  | 32406      | 68011 | 19220 | 32600                                                       | 11715                             |  |  |                   |                   | 700--  |
| Lüchow                         | 17   | 253        | 42705 | 80011 | 20719 | 41600                                                       | 09708                             |  | 42406      | 80020 | 19021 | 41600                                                       | 10717                             |  |  |                   |                   | 700--  |
| Lingen                         | 21   | 305        | 72107 | 22102 | 20318 | 752--                                                       | 14813                             |  | 82005      | 40052 | 18818 | 755--                                                       | 12715                             |  |  |                   |                   | 700--  |
| Münster                        | 63   | 313        | 82105 | 20102 | 21317 | 755--                                                       | 14807                             |  | 82103      | 56052 | 19120 | 585--                                                       | 13721                             |  |  |                   |                   | 700--  |
| Onstrotz                       | 95   | 317        | 82305 | 45055 | 21117 | 754--                                                       | 12810                             |  | 72104      | 35052 | 19318 | 755--                                                       | 14717                             |  |  |                   |                   | 797--  |
| Gütersloh                      | 72   | 320        | 81806 | 25052 | 21717 | 855--                                                       | 13808                             |  | 20602      | 37051 | 19420 | 25600                                                       | 14712                             |  |  |                   |                   | 797--  |
| Bad Salzuflen                  | 98   | 325        | 82304 | 59025 | 20717 | 855--                                                       | 12806                             |  | 72101      | 59012 | 19218 | 755--                                                       | 14715                             |  |  |                   |                   | 797--  |
| Hannover-Longenhagen, Flugh.   | 56   | 338        | 72503 | 56052 | 21218 | 784--                                                       | 14803                             |  | 82205      | 40102 | 19718 | 855--                                                       | 15715                             |  |  |                   |                   | 700--  |
| Braunschweig-Völkenrode        | 81   | 348        | 72807 | 50055 | 20917 | 784--                                                       | 13805                             |  | 32506      | 56051 | 19718 | 35600                                                       | 13712                             |  |  |                   |                   | 797--  |
| Berlin-Dahlem                  | 51   | 381        | 43005 | 80021 | 21417 | 41541                                                       | 08400                             |  | 12606      | 80010 | 19918 | 11600                                                       | 09715                             |  |  |                   |                   | 700--  |
| Berlin-Tempelhof, Flugh.       | 50   | 384        | 43313 | 80011 | 21318 | 34601                                                       | 08001                             |  | 12809      | 80010 | 19920 | 11600                                                       | 09714                             |  |  |                   |                   | 700--  |
| Düsseldorf, Flugh.             | 45   | 400        | 11907 | 57050 | 21220 | 11500                                                       | 11714                             |  | 02106      | 57050 | 19222 | 00900                                                       | 12720                             |  |  |                   |                   | 700--  |
| Bocholt                        | 25   | 406        | 71906 | 35102 | 20618 | 756--                                                       | 14711                             |  | 02207      | 50050 | 18620 | 00900                                                       | 15720                             |  |  |                   |                   | 700--  |
| Essen                          | 154  | 410        | 12506 | 57051 | 20719 | 11600                                                       | 12711                             |  | 12004      | 58020 | 18820 | 11600                                                       | 12718                             |  |  |                   |                   | 700--  |
| Kahler Asten                   | 835  | 427        | 42106 | 63014 | 55116 | 41400                                                       | 11807                             |  | 52108      | 62011 | 53916 | 51500                                                       | 11714                             |  |  |                   |                   | 700--  |
| Bad Lippspringe                | 151  | 430        | 72101 | 30052 | 21518 | 784--                                                       | 13806                             |  | 70202      | 57052 | 19419 | 755--                                                       | 14720                             |  |  |                   |                   | 700--  |
| Kassel                         | 231  | 438        | 82205 | 37052 | 20917 | 756--                                                       | 12805                             |  | 22104      | 58011 | 18920 | 22500                                                       | 11717                             |  |  |                   |                   | 700--  |
| Göttingen                      | 176  | 444        | 82702 | 50052 | 21417 | 855--                                                       | 13806                             |  | 82004      | 65022 | 19719 | 885--                                                       | 13715                             |  |  |                   |                   | 700--  |
| Braunlage                      | 607  | 452        | 82404 | 20285 | 22312 | 852--                                                       | 12000                             |  | 82302      | 30102 | 19714 | 863--                                                       | 11718                             |  |  |                   |                   | 797--  |
| Aachen                         | 202  | 501        | 02202 | 50050 | 20620 | 00900                                                       | 09809                             |  | 02503      | 56050 | 18322 | 00900                                                       | 13721                             |  |  |                   |                   | 700--  |
| Nürnberg                       | 627  | 510        | 12005 | 57051 | 20916 | 11500                                                       | 10805                             |  | 02105      | 60020 | 18718 | 00900                                                       | 09716                             |  |  |                   |                   | 700--  |
| Köln-Bonn, Flugh.              | 91   | 513        | 31506 | 59021 | 21319 | 38500                                                       | 12713                             |  | 01204      | 58010 | 18822 | 00900                                                       | 13725                             |  |  |                   |                   | 700--  |
| Koblenz                        | 96   | 515        | 41603 | 56052 | 21321 | 42500                                                       | 12814                             |  | 01503      | 56051 | 19024 | 00900                                                       | 13721                             |  |  |                   |                   | 700--  |
| Marienberg                     | 547  | 526        | 31804 | 57054 | 20116 | 31400                                                       | 10809                             |  | 11806      | 57050 | 18018 | 11400                                                       | 12715                             |  |  |                   |                   | 700--  |
| Gießen                         | 182  | 532        | 72601 | 56051 | 21218 | 755--                                                       | 11810                             |  | 21104      | 58011 | 19220 | 25600                                                       | 12718                             |  |  |                   |                   | 700--  |
| Bad Hersfeld                   | 212  | 542        | 71505 | 59021 | 21120 | 756--                                                       | 11710                             |  | 32102      | 59011 | 19521 | 25630                                                       | 11716                             |  |  |                   |                   | 700--  |
| Wasserkuppe                    | 921  | 544        | 62205 | 35052 | 54815 | 52401                                                       | 10806                             |  | 32106      | 40052 | 54216 | 32500                                                       | 11710                             |  |  |                   |                   | 700--  |
| Trier-Petrisberg               | 265  | 609        | 12606 | 56101 | 21018 | 11501                                                       | 12812                             |  | 02507      | 50100 | 19520 | 00900                                                       | 13713                             |  |  |                   |                   | 700--  |
| Deuselbach                     | 479  | 615        | 32803 | 63021 | 20018 | 22501                                                       | 11809                             |  | 13009      | 60010 | 18419 | 11500                                                       | 14715                             |  |  |                   |                   | 700--  |
| Kl. Feldberg/Ts.               | 805  | 635        | 61804 | 50104 | 55114 | 62200                                                       | 11807                             |  | 21806      | 62021 | 54916 | 22400                                                       | 12709                             |  |  |                   |                   | 700--  |
| Frankfurt, Flugh.              | 112  | 637        | 40000 | 56101 | 20521 | 45501                                                       | 12712                             |  | 13304      | 58020 | 18623 | 15700                                                       | 12718                             |  |  |                   |                   | 700--  |
| Darmstadt                      | 133  | 639        | 52303 | 59021 | 20922 | 52500                                                       | 13811                             |  | 10000      | 60011 | 18723 | 11600                                                       | 12720                             |  |  |                   |                   | 700--  |
| Würzburg                       | 259  | 655        | 33102 | 58021 | 20121 | 38500                                                       | 11813                             |  | 11502      | 59010 | 18323 | 11601                                                       | 11716                             |  |  |                   |                   | 700--  |
| Bad Kissingen                  | 262  | 658        | 31804 | 58014 | 21020 | 32500                                                       | 11807                             |  | 12704      | 61010 | 18722 | 15700                                                       | 10720                             |  |  |                   |                   | 700--  |
| Coburg                         | 367  | 671        | 32704 | 57051 | 21019 | 32500                                                       | 11807                             |  | 13201      | 57050 | 19520 | 11600                                                       | 12713                             |  |  |                   |                   | 700--  |
| Bamberg                        | 239  | 675        | 41903 | 59014 | 21120 | 42500                                                       | 12811                             |  | 00000      | 60010 | 19422 | 00900                                                       | 11715                             |  |  |                   |                   | 700--  |
| Hof                            | 567  | 685        | 62505 | 58022 | 20218 | 68500                                                       | 10804                             |  | 21303      | 60031 | 18619 | 21600                                                       | 11712                             |  |  |                   |                   | 700--  |
| Weiden                         | 438  | 688        | 23005 | 59011 | 20320 | 22500                                                       | 11805                             |  | 52307      | 65031 | 18722 | 12601                                                       | 08712                             |  |  |                   |                   | 700--  |
| Beruf                          | 363  | 704        | 32204 | 62011 | 22117 | 34500                                                       | 12806                             |  | 02705      | 65010 | 20320 | 00900                                                       | 12714                             |  |  |                   |                   | 700--  |
| Tholey                         | 398  | 706        | 21904 | 58014 | 21416 | 21500                                                       | 11808                             |  | 02205      | 56050 | 19319 | 00900                                                       | 11716                             |  |  |                   |                   | 700--  |
| Saarbrücken-Ensheim, Flugh.    | 322  | 708        | 42803 | 50054 | 21216 | 41400                                                       | 12709                             |  | 02504      | 50050 | 19220 | 00900                                                       | 12715                             |  |  |                   |                   | 700--  |
| Neustadt/Weinstr.              | 163  | 723        | 21806 | 30051 | 20621 | 21500                                                       | 13813                             |  | 11704      | 68020 | 18324 | 00901                                                       | 11720                             |  |  |                   |                   | 700--  |
| Weinbitt/Weinstr.              | 553  | 724        | -2403 | 57--  | 21721 | -----                                                       | 10709                             |  | -2609      | 56--  | 19723 | -----                                                       | 07714                             |  |  |                   |                   | 700--  |
| Karlsruhe                      | 112  | 727        | 12106 | 57050 | 20823 | 00901                                                       | 12814                             |  | 12205      | 58020 | 18725 | 00901                                                       | 11720                             |  |  |                   |                   | 700--  |
| Mannheim                       | 97   | 729        | 52303 | 56051 | 21222 | 52500                                                       | 13812                             |  | 01902      | 56050 | 19223 | 00900                                                       | 12719                             |  |  |                   |                   | 700--  |
| Stuttgart (Stadt)              | 305  | 737        | 20502 | 59020 | 20222 | 21500                                                       | 13813                             |  | 20205      | 58020 | 18124 | 21500                                                       | 14617                             |  |  |                   |                   | 700--  |
| Stuttgart-Echterdingen, Flugh. | 396  | 738        | 30903 | 60030 | 19722 | 12601                                                       | 13715                             |  | 22703      | 63010 | 17424 | 11601                                                       | 12718                             |  |  |                   |                   | 700--  |
| Öhringen                       | 276  | 742        | 02404 | 35051 | 20421 | 00900                                                       | 13813                             |  | 12704      | 57050 | 18623 | 00902                                                       | 15715                             |  |  |                   |                   | 700--  |
| Weißenburg/Boy.                | 422  | 761        | 30404 | 57050 | 19722 | 32500                                                       | 13808                             |  | 12704      | 60010 | 18023 | 11601                                                       | 12715                             |  |  |                   |                   | 700--  |
| Nürnberg, Flugh.               | 319  | 763        | 32805 | 56051 | 20620 | 31500                                                       | 13812                             |  | 12703      | 58010 | 18622 | 11600                                                       | 12716                             |  |  |                   |                   | 700--  |
| Regensburg                     | 376  | 776        | 21704 | 45054 | 20121 | 22500                                                       | 14812                             |  | 31803      | 56050 | 18523 | 32600                                                       | 13713                             |  |  |                   |                   | 700--  |
| Gr. Falkenstein                | 1307 | 791        | 42301 | 57051 | 56215 | 42500                                                       | 09802                             |  | 22304      | 57051 | 55816 | 11501                                                       | 10706                             |  |  |                   |                   | 700--  |
| Freiburg                       | 269  | 803        | 13303 | 56050 | 20621 | 11500                                                       | 14712                             |  | 03103      | 57050 | 18524 | 00900                                                       | 13716                             |  |  |                   |                   | 700--  |
| Freudenstadt                   | 797  | 815        | 40602 | 65030 | 56519 | 42500                                                       | 11808                             |  | 22701      | 64010 | 55321 | 22500                                                       | 11716                             |  |  |                   |                   | 700--  |
| Klippenack                     | 973  | 818        | 23102 | 60020 | 55818 | 22500                                                       | 13801                             |  | 22802      | 62020 | 55321 | 22500                                                       | 13712                             |  |  |                   |                   | 700--  |
| Stötten                        | 734  | 836        | 32604 | 60030 | 20419 | 31501                                                       | 13806                             |  | 30000      | 61030 | 18221 | 31600                                                       | 13716                             |  |  |                   |                   | 700--  |
| Ulm                            | 522  | 838        | 10702 | 60030 | 19721 | 11600                                                       | 12808                             |  | 11503      | 68010 | 18023 | 11500                                                       | 13712                             |  |  |                   |                   | 700--  |
| Augsburg                       | 477  | 852        | 20000 | 62030 | 19522 | 22600                                                       | 13708                             |  | 20000      | 62020 | 17923 | 22600                                                       | 12714                             |  |  |                   |                   | 700--  |
| München-Riem, Flugh.           | 530  | 866        | 10305 | 62020 | 20022 | 11601                                                       | 13806                             |  | 10205      | 62020 | 18122 | 11600                                                       | 13616                             |  |  |                   |                   | 700--  |
| Mühldorf                       | 401  | 875        | 11202 | 59024 | 20022 | 12500                                                       | 12809                             |  | 11202      | 60020 | 18323 | 00901                                                       | 13714                             |  |  |                   |                   | 700--  |
| Passau                         | 409  | 893        | 01102 | 57054 | 20821 | 00900                                                       | 14808                             |  | 03101      | 64020 | 18722 | 00900                                                       | 12717                             |  |  |                   |                   | 700--  |
| Feldberg/Schw.                 | 1486 | 908        | 60504 | 62011 | 55813 | 61200                                                       | 11802                             |  | 63202      | 59022 | 55215 | 62200                                                       | 13708                             |  |  |                   |                   | 700--  |
| Konstanz                       | 443  | 929        | 11702 | 25054 | 20220 | 11300                                                       | 15811                             |  | 01603      | 62020 | 17923 | 00900                                                       | 13717                             |  |  |                   |                   | 700--  |
| Friedrichshafen                | 401  | 934        |       |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |  |                   |                   |        |
| Kempten-Lenzried               | 705  | 946        |       |       |       |                                                             |                                   |  |            |       |       |                                                             |                                   |  |  |                   |                   |        |

Mittwoch, den 12. September 1979

| Station                        | 18 Uhr GMT |     |       |       |       |                                                              |                                   | 21 Uhr GMT |       |       |                                                              |                                   |                                                              |                                                              | 12-18                         | 18-21 | 06-18         | Erdbodentemperatur<br>5 - 10 - 20 - 50 |
|--------------------------------|------------|-----|-------|-------|-------|--------------------------------------------------------------|-----------------------------------|------------|-------|-------|--------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|-------------------------------|-------|---------------|----------------------------------------|
|                                | Höhe       | III | NdHf  | VWwW  | PPFT  | N <sub>2</sub> CH <sub>4</sub> C <sub>2</sub> H <sub>6</sub> | T <sub>8</sub> T <sub>9</sub> opp | NdHf       | VWwW  | PPFT  | N <sub>2</sub> CH <sub>4</sub> C <sub>2</sub> H <sub>6</sub> | T <sub>8</sub> T <sub>9</sub> opp | 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> | T <sub>8</sub> T <sub>9</sub> |       |               |                                        |
|                                |            |     |       |       |       |                                                              |                                   |            |       |       |                                                              |                                   |                                                              |                                                              |                               |       |               |                                        |
| Helgoland                      | 4          | 015 | 82210 | 35101 | 15617 | 773--                                                        | 15720                             | 72018      | 38102 | 13816 | 774--                                                        | 14718                             |                                                              | ---                                                          | 27                            | 70018 | 13 Uhr GMT    |                                        |
| List                           | 26         | 020 | 71913 | 70031 | 15316 | 774--                                                        | 12721                             | 82015      | 5010- | 12916 | 763--                                                        | 15724                             |                                                              |                                                              |                               | 70017 |               |                                        |
| Schleswig                      | 43         | 035 | 72205 | 75031 | 16116 | 755--                                                        | 11720                             | 82005      | 62032 | 14915 | 756--                                                        | 12712                             |                                                              |                                                              |                               | 70018 | 157154 154153 |                                        |
| Kiel                           | 7          | 045 | 80000 | 75031 | 16215 | 55502                                                        | 12722                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70019 | 166163 160163 |                                        |
| Norderney                      | 13         | 113 | 82212 | 25101 | 16317 | 756--                                                        | 15716                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70020 |               |                                        |
| Bremerhaven                    | 7          | 129 | 82206 | 56102 | 16918 | 755--                                                        | 16716                             | 62006      | 56102 | 16116 | 45501                                                        | 14708                             |                                                              |                                                              |                               | 70021 |               |                                        |
| Cuxhaven                       | 4          | 131 | 52205 | 32051 | 15518 | 35530                                                        | 13616                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70020 | 193183 173168 |                                        |
| Hamburg-Fuhlsbüttel, Flugh.    | 16         | 147 | 52004 | 65031 | 17217 | 55601                                                        | 11717                             | 72006      | 56052 | 16317 | 756--                                                        | 13013                             |                                                              |                                                              |                               | 70020 | 170173 165157 |                                        |
| Lübeck                         | 8          | 156 | 12103 | 75020 | 17118 | 00901                                                        | 09716                             | 72706      | 65021 | 16116 | 755--                                                        | 09710                             |                                                              |                                                              |                               | 70019 | 173166 161160 |                                        |
| Emden-Hafen                    | 6          | 203 | 82211 | 12106 | 16517 | 863--                                                        | 14716                             | 52313      | 17101 | 15115 | 55500                                                        | 14714                             |                                                              |                                                              |                               | 79719 | 178170 162158 |                                        |
| Bremen, Flugh.                 | 3          | 224 | 82106 | 24051 | 17117 | 855--                                                        | 13714                             | 01808      | 30101 | 15614 | 00900                                                        | 12715                             |                                                              |                                                              |                               | 70021 | 194177 172170 |                                        |
| Soltau                         | 77         | 235 | 72105 | 25101 | 17617 | 756--                                                        | 14716                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70021 | 210194 181174 |                                        |
| Lüchow                         | 17         | 253 | 32106 | 60020 | 18116 | 28602                                                        | 13709                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70021 | 195188 172166 |                                        |
| Lingen                         | 21         | 305 | 11703 | 32051 | 17118 | 00901                                                        | 14717                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70019 | 184158 170164 |                                        |
| Münster                        | 63         | 313 | 41503 | 40052 | 17419 | 35501                                                        | 14716                             | 01503      | 40100 | 16716 | 00900                                                        | 14708                             |                                                              |                                                              |                               | 70021 | 206191 176170 |                                        |
| Osnabrück                      | 95         | 317 | 01504 | 25101 | 17617 | 00900                                                        | 14718                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 79719 | 202193 168163 |                                        |
| Gütersloh                      | 72         | 320 | 10902 | 30051 | 17818 | 15601                                                        | 15716                             | 21002      | 15050 | 17214 | 25600                                                        | 13707                             |                                                              |                                                              |                               | 70020 |               |                                        |
| Bad Salzuflen                  | 98         | 325 | 11102 | 58031 | 17517 | 00901                                                        | 14717                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 79719 | 200191 179173 |                                        |
| Hannover-Langenhagen, Flugh.   | 56         | 338 | 71904 | 40052 | 18417 | 755--                                                        | 13713                             | 31704      | 30101 | 17315 | 35600                                                        | 13712                             |                                                              |                                                              |                               | 70018 | 200190 175171 |                                        |
| Braunschweig-Völkenrode        | 81         | 348 | 82103 | 45051 | 18517 | 855--                                                        | 14712                             | 01605      | 3510- | 17815 | 00900                                                        | 13708                             |                                                              |                                                              |                               | 79719 | 182180 169160 |                                        |
| Berlin-Dahlem                  | 51         | 381 | 12601 | 65020 | 19015 | 00901                                                        | 12709                             | 02004      | 75020 | 18612 | 00900                                                        | 11705                             |                                                              |                                                              |                               | 70019 | 204198 185166 |                                        |
| Berlin-Tempelhof, Flugh.       | 50         | 384 | 12602 | 80010 | 19018 | 10941                                                        | 10709                             | 21705      | 68020 | 18615 | 00901                                                        | 11705                             |                                                              |                                                              |                               | 70020 |               |                                        |
| Düsseldorf, Flugh.             | 45         | 400 | 12203 | 56050 | 17520 | 00901                                                        | 13717                             | 02305      | 56050 | 17617 | 00900                                                        | 13400                             |                                                              |                                                              |                               | 70023 | 197188 177178 |                                        |
| Bocholt                        | 25         | 406 | 12203 | 38050 | 16918 | 00901                                                        | 14717                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70020 | 192182 174171 |                                        |
| Essen                          | 154        | 410 | 11802 | 57050 | 17418 | 00901                                                        | 13714                             | 22405      | 57100 | 16916 | 00901                                                        | 13505                             |                                                              |                                                              |                               | 70021 | 183174 168171 |                                        |
| Kahler Asten                   | 835        | 427 | 12209 | 56101 | 51913 | 00902                                                        | 10714                             | 02113      | 50100 | 51612 | 00900                                                        | 11701                             |                                                              |                                                              |                               | 70017 | 168143 127120 |                                        |
| Bad Lipspringe                 | 151        | 430 | 10904 | 40101 | 18017 | 00901                                                        | 14715                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70020 | 202192 174162 |                                        |
| Kassel                         | 231        | 438 | 02403 | 57051 | 17817 | 00900                                                        | 12714                             | 22102      | 56100 | 17614 | 00901                                                        | 11704                             |                                                              |                                                              |                               | 70020 | ---205 186174 |                                        |
| Göttingen                      | 176        | 444 | 31302 | 58012 | 18417 | 00901                                                        | 13714                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70019 | 202183 170170 |                                        |
| Braunlage                      | 607        | 452 | 72202 | 20102 | 19113 | 763--                                                        | 11708                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 79714 | 208157 135136 |                                        |
| Aachen                         | 202        | 501 | 12304 | 56050 | 17219 | 00901                                                        | 12712                             | 32303      | 50050 | 18016 | 00901                                                        | 12304                             |                                                              |                                                              |                               | 70022 | 210199 182174 |                                        |
| Nürnberg                       | 627        | 510 | 12203 | 59030 | 18016 | 15501                                                        | 10711                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70019 | 223203 177161 |                                        |
| Köln-Bonn, Flugh.              | 91         | 513 | 11106 | 57050 | 16919 | 00901                                                        | 14718                             | 11804      | 58020 | 17516 | 00901                                                        | 13104                             |                                                              |                                                              |                               | 70022 | 229200 184168 |                                        |
| Koblenz                        | 96         | 515 | 02404 | 45051 | 18123 | 00900                                                        | 12709                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70024 |               |                                        |
| Marienberg                     | 547        | 526 | 11504 | 56100 | 17215 | 00901                                                        | 12713                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70018 | 204179 163163 |                                        |
| Gießen                         | 182        | 532 | 11203 | 50051 | 17819 | 00901                                                        | 12714                             | 00000      | 56100 | 18115 | 00900                                                        | 11101                             |                                                              |                                                              |                               | 70021 | 226208 186173 |                                        |
| Bad Hersfeld                   | 212        | 542 | 02701 | 57051 | 18419 | 00900                                                        | 12611                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70021 | ---225 191173 |                                        |
| Wasserkuppe                    | 921        | 544 | 11609 | 35101 | 51812 | 00901                                                        | 09714                             | 01913      | 30100 | 51511 | 00900                                                        | 09803                             |                                                              |                                                              |                               | 70017 | ---142 126120 |                                        |
| Trier-Petrisberg               | 265        | 609 | 11803 | 50100 | 18118 | 00901                                                        | 13716                             | 01902      | 50100 | 18614 | 00900                                                        | 13301                             |                                                              |                                                              |                               | 70020 | 254226 200183 |                                        |
| Deuselbach                     | 479        | 615 | 13003 | 57100 | 18016 | 00901                                                        | 13708                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70020 | 220205 174159 |                                        |
| Kl.Feldberg/Ts.                | 805        | 635 | 21805 | 59021 | 52913 | 00901                                                        | 11712                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70016 | ---187 163139 |                                        |
| Frankfurt, Flugh.              | 112        | 637 | 12504 | 57050 | 17620 | 00901                                                        | 13712                             | 00000      | 56100 | 17615 | 00900                                                        | 12702                             |                                                              |                                                              |                               | 70023 | 246225 200188 |                                        |
| Darmstadt                      | 133        | 639 | 22601 | 58031 | 17921 | 00901                                                        | 13711                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70024 | 208206 195196 |                                        |
| Würzburg                       | 259        | 655 | 20703 | 58030 | 17420 | 00901                                                        | 12611                             | 01201      | 58020 | 18115 | 00900                                                        | 13001                             |                                                              |                                                              |                               | 70024 | 228215 193189 |                                        |
| Bad Kissingen                  | 262        | 658 | 11001 | 58030 | 18019 | 10941                                                        | 12711                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70022 | 240221 192181 |                                        |
| Coburg                         | 337        | 671 |       |       |       |                                                              |                                   |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70021 | 229200 170174 |                                        |
| Bamberg                        | 239        | 675 |       |       |       |                                                              |                                   |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70022 | 216204 181178 |                                        |
| Hof                            | 567        | 685 | 12602 | 57051 | 18516 | 00901                                                        | 11708                             | 01502      | 35100 | 19711 | 00900                                                        | 10400                             |                                                              |                                                              |                               | 70020 | 192162 141144 |                                        |
| Weiden                         | 438        | 688 | 22701 | 64031 | 18119 | 00901                                                        | 11709                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70022 | 194183 156150 |                                        |
| Berus                          | 363        | 704 | 12405 | 60030 | 19119 | 00901                                                        | 12712                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70020 | 229206 184178 |                                        |
| Tholey                         | 398        | 706 | 12403 | 57050 | 18217 | 00901                                                        | 11713                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70019 | 223206 179173 |                                        |
| Saarbrücken-Enzheim, Flugh.    | 322        | 708 | 23001 | 40051 | 18318 | 00901                                                        | 13511                             | 23001      | 56050 | 18516 | 00901                                                        | 11801                             |                                                              |                                                              |                               | 70021 | 218193 177167 |                                        |
| Neustadt/Weinstr.              | 163        | 723 | 22906 | 65030 | 17619 | 00902                                                        | 11709                             |            |       |       |                                                              |                                   |                                                              |                                                              |                               | 70025 | 293260 215197 |                                        |
| Weinbiet/Weinstr.              | 553        | 724 | -2907 | 60--- | 19718 | -----                                                        | 08710                             | -2710      | 59--- | 19917 | -----                                                        | 11801                             |                                                              |                                                              |                               |       |               |                                        |
| Karlsruhe                      | 112        | 727 | 12102 | 62020 | 18322 | 00901                                                        | 11606                             | 20000      | 64030 | 18417 | 10931                                                        | 14601                             |                                                              |                                                              |                               | 70025 | 281254 222199 |                                        |
| Mannheim                       | 97         | 729 | 21202 | 56050 | 18121 | 00901                                                        | 13712                             | 00000      | 57100 | 18415 | 00900                                                        | 12000                             |                                                              |                                                              |                               | 70024 | 242213 188185 |                                        |
| Stuttgart (Stadt)              | 305        | 737 | 23403 | 50050 | 17821 | 00901                                                        | 14707                             | 01802      | 50100 | 18717 | 00900                                                        | 14303                             |                                                              |                                                              |                               | 70025 |               |                                        |
| Stuttgart-Echterdingen, Flugh. | 396        | 738 | 23503 | 50050 | 17520 | 00901                                                        | 14706                             | 12703      | 57100 | 18416 | 00901                                                        | 13002                             |                                                              |                                                              |                               | 70025 |               |                                        |
| Öhringen                       | 276        | 742 | 33001 | 62030 | 17720 | 00902                                                        | 14712                             | 01503      | 59020 | 18615 | 00900                                                        | 13303                             |                                                              |                                                              |                               | 70023 | 253212 191190 |                                        |
| Weißenburg/Bay.                | 422        | 761 | 51203 | 58031 | 17819 | 00901                                                        | 12708                             | 20000      | 57101 | 18914 | 00901                                                        | 11201                             |                                                              |                                                              |                               | 70024 | 248224 186174 |                                        |
| Nürnberg, Flugh.               | 319        | 763 | 30303 | 57050 | 18219 | 00901                                                        | 14708                             | 00902      | 40100 | 20015 | 00900                                                        | 14612                             |                                                              |                                                              |                               | 70022 | 211202 179168 |                                        |
| Regensburg                     | 376        | 776 | 42002 | 50050 | 17920 | 00901                                                        | 14609                             | 32002      | 30100 | 18914 | 00901                                                        | 13001                             |                                                              |                                                              |                               | 70023 | 222199 180176 |                                        |
| Gr. Falkenstein                | 1307       | 791 | 40000 | 50051 | 54913 | 00901                                                        | 09706                             | 01301      | 58021 | 54911 | 00900                                                        | 09400                             |                                                              |                                                              |                               | 70016 |               |                                        |
| Freiburg                       | 269        | 803 | 11001 | 57050 | 17522 | 15601                                                        | 14712                             | 01206      | 40050 | 18120 | 00900                                                        |                                   |                                                              |                                                              |                               |       |               |                                        |

**Amtsblatt des Deutschen Wetterdienstes**

AEROLOGISCHE WETTERMELDUNGEN

## Beilage 2

**Jahrgang 4**

Mittwoch, den 12. September 1979

Number 255

| Station | Schleswig                                                                                                                         | Hannover                                                                                                                          | Essen                                                                                                                             | Stuttgart                                                                                                                         | München                                                                                                                           | Berlin                                                                                                                            |                                                                                                                                   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| YGG     | 1200                                                                                                                              | 1200                                                                                                                              | 1200                                                                                                                              | 1200                                                                                                                              | 1200                                                                                                                              |                                                                                                                                   |                                                                                                                                   |
| mb      | HHHH TT T <sub>d</sub> T <sub>d</sub> oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddiff | HHHH TT T <sub>d</sub> T <sub>d</sub> oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddiff | HHHH TT T <sub>d</sub> T <sub>d</sub> oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddiff | HHHH TT T <sub>d</sub> T <sub>d</sub> oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddiff | HHHH TT T <sub>d</sub> T <sub>d</sub> oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddiff | HHHH TT T <sub>d</sub> T <sub>d</sub> oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddiff | HHHH TT T <sub>d</sub> T <sub>d</sub> oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddiff |
| 10      | 3128 -45                                                                                                                          |                                                                                                                                   |                                                                                                                                   | 3131 -42 27 16                                                                                                                    |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
| 20      | 2668 -50                                                                                                                          |                                                                                                                                   |                                                                                                                                   | 2669 -50 31 09                                                                                                                    | 2663 -51 23 09                                                                                                                    |                                                                                                                                   |                                                                                                                                   |
| 30      | 2407 -52                                                                                                                          |                                                                                                                                   |                                                                                                                                   | 2407 -55 29 02                                                                                                                    | 2403 -55 30 06                                                                                                                    |                                                                                                                                   |                                                                                                                                   |
| 50      | 2078 -56                                                                                                                          |                                                                                                                                   |                                                                                                                                   | 2081 -58 32 07                                                                                                                    | 2079 -58 31 15                                                                                                                    |                                                                                                                                   |                                                                                                                                   |
| 70      | 1864 -57                                                                                                                          |                                                                                                                                   | 2085 -56 31 16                                                                                                                    | 1869 -59 29 15                                                                                                                    | 1868 -60 30 12                                                                                                                    |                                                                                                                                   |                                                                                                                                   |
| 100     | 1640 -58                                                                                                                          |                                                                                                                                   | 1873 -58 29 20                                                                                                                    | 1648 -64 31 07                                                                                                                    | 1647 -64 30 18                                                                                                                    |                                                                                                                                   |                                                                                                                                   |
| 150     | 1385 -59                                                                                                                          |                                                                                                                                   | 1651 -65 30 27                                                                                                                    | 1399 -61 34 23                                                                                                                    | 1399 -63 34 20                                                                                                                    |                                                                                                                                   |                                                                                                                                   |
| 200     | 1206 -60 -69                                                                                                                      |                                                                                                                                   | 1403 -63 31 40                                                                                                                    | 1220 -59 -64 34 36                                                                                                                | 1221 -59 -62 35 36                                                                                                                |                                                                                                                                   |                                                                                                                                   |
| 250     | 1063 -49 -60                                                                                                                      |                                                                                                                                   | 1224 -58 -67 32 48                                                                                                                | 1077 -48 -53 34 25                                                                                                                | 1078 -48 -52 35 33                                                                                                                |                                                                                                                                   |                                                                                                                                   |
| 300     | 0940 -38 -50 30 94                                                                                                                |                                                                                                                                   | 1081 -47 -57 31 37                                                                                                                | 0954 -37 -42 01 23                                                                                                                | 0955 -38 -43 36 28                                                                                                                |                                                                                                                                   |                                                                                                                                   |
| 400     | 0735 -23 -38 29 87                                                                                                                |                                                                                                                                   | 0957 -37 -50 30 32                                                                                                                | 0748 -22 -33 35 15                                                                                                                | 0750 -22 -30 34 13                                                                                                                |                                                                                                                                   |                                                                                                                                   |
| 500     | 0568 -14 -37 29 66                                                                                                                |                                                                                                                                   | 0750 -21 -35 30 33                                                                                                                | 0581 -13 -14 34 10                                                                                                                | 0583 -11 -16 32 14                                                                                                                |                                                                                                                                   |                                                                                                                                   |
| 700     | 0305 0 -35 29 50                                                                                                                  |                                                                                                                                   | 0582 -10 -43 29 30                                                                                                                | 0315 3 -7 31 06                                                                                                                   | 0316 4 -15 29 07                                                                                                                  |                                                                                                                                   |                                                                                                                                   |
| 850     | 0148 3 1 29 38                                                                                                                    |                                                                                                                                   | 0315 4 -9 28 27                                                                                                                   | 0156 9 7 28 08                                                                                                                    | 0156 10 5 28 06                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
| 1000    | 0014 12 8 29 18                                                                                                                   |                                                                                                                                   | 0155 9 4 28 17                                                                                                                    | 0018                                                                                                                              |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   | 0019 15 13 26 06                                                                                                                  |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 007 -38 27 22                                                                                                                     |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 014 26 10                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 020 -50 31 09                                                                                                                     |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 029 -55                                                                                                                           |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 030 -55 29 02                                                                                                                     |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 034 -54                                                                                                                           |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 044 33 08                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 051 -58                                                                                                                           |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 061 -57                                                                                                                           |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 068 -59 29 14                                                                                                                     |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 090 31 04                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 107 -65                                                                                                                           |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 150 -61 34 23                                                                                                                     |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 153 -61                                                                                                                           |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 160 34 16                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 171 -64 34 21                                                                                                                     |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 200 -59 -64 34 36                                                                                                                 |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 227 -54 -59 34 23                                                                                                                 |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 280 36 27                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 328 -32 -37 36 20                                                                                                                 |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 448 -16 -32                                                                                                                       |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 478 -16 -17                                                                                                                       |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 558 -5 -9                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 600 33 09                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 680 1 -6                                                                                                                          |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 768 9 -25 29 04                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 790 8 -14                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 800 29 10                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 812 10 -10                                                                                                                        |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 835 8 7                                                                                                                           |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 889 26 04                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 900 25 02                                                                                                                         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 958 19 9                                                                                                                          |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 984 15 13 17 05                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 015 -48 23 15                                                                                                                     |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 020 -51 23 09                                                                                                                     |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 028 -56 33 05                                                                                                                     |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 043 32 18                                                                                                                         |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 062 -58 30 10                                                                                                                     |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 112 -65 30 19                                                                                                                     |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 150 -63 34 20                                                                                                                     |                                                                                                                                   |                                                                                                                                   |
|         |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |                                                                                                                                   | 165 -64 -67 35 25                                                                                                                 |                                                                                                                                   | </                                                                                                                                |

## Höhenwinde

| Station      | Schleswig  | Hannover   | Essen      | Stuttgart  | München    | Berlin     | Berlin     |            |            |            |            |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| YVGG         | 12o6       | 12o6       | 12o6       | 12o6       | 12o6       | 12oo       | 12o6       |            |            |            |            |
| Piloten      | ddff       | ddff       | ddff       | ddff       | ddff       | ddff       | ddff       | ddff       | ddff       | ddff       | ddff       |
| Gipfelpunkt  | km         | 29.7       | 19.8       | 21.6       | 27.3       | 28.8       | 22.8       | 27.9       |            |            |            |
|              | ddff       | 28 o7      | 31 1o      | 3o 14      | 31 11      | 33 15      | 29 11      | 29 o8      |            |            |            |
| km           |            |            |            |            |            |            |            |            |            |            |            |
| 26.4         | 31 1o      |            |            | 31 o9      | 28 1o      |            | 29 11      |            |            |            |            |
| 23.7         | 31 o8      |            |            | 32 o5      | 31 o2      |            | 3o o4      |            |            |            |            |
| 20.7         | 3o 17      |            | 3o o8      | 32 11      | 32 o3      | 29 13      | 29 12      |            |            |            |            |
| 18.3         | 28 3o      | 31 16      | 31 13      | 32 15      | 32 13      | 28 2o      | 29 18      |            |            |            |            |
| 15.9         | 3o 39      | 31 33      | 31 26      | 33 o9      | 31 15      | 28 3o      | 3o 36      |            |            |            |            |
| 13.5         | 3o 74      | 31 54      | 31 39      | 34 21      | 36 26      | 29 57      | 31 63      |            |            |            |            |
| 12o          | 3o 77      | 3o 58      | 35 5o      | o2 17      | o2 22      | 3o 78      | 3o 67      |            |            |            |            |
| 10.5         | 29 81      | 3o 49      | 29 32      | o1 1o      | o4 17      | 3o 68      | 3o 66      |            |            |            |            |
| 9o           | 3o 74      | 29 55      | 29 32      | 35 o7      | o2 11      | 3o 62      | 3o 66      |            |            |            |            |
| 7.2          | 3o 59      | 3o 46      | 3o 32      | 34 17      | 36 18      | 28 58      | 3o 52      |            |            |            |            |
| 5.4          | 3o 5o      | 3o 45      | 3o 22      | 31 13      | 31 1o      | 28 49      | 29 47      |            |            |            |            |
| 4.2          | 3o 41      | 3o 35      | 29 23      | 31 1o      | 35 o8      | 28 44      | 29 4o      |            |            |            |            |
| 3o           | 3o 35      | 3o 29      | 29 22      | 29 o4      | 3o o7      | 28 42      | 29 34      |            |            |            |            |
| 2.1          | 3o 27      | 3o 23      | 29 14      | 27 o4      | 27 o8      | 29 37      | 3o 29      |            |            |            |            |
| 1.5          | 3o 22      | 3o 17      | 3o o5      | 23 o5      | 26 o6      | 29 33      | 3o 24      |            |            |            |            |
| o.9          | 3o 19      | 3o 12      | 25 o7      | 19 o5      | 31 o3      | 28 27      | 31 19      |            |            |            |            |
| Maximalwinde | H0H0H ddff | H0H0H ddff | H0H0H ddff | H0H0H ddff | H0H0H ddff | H0H0H ddff | H0H0H ddff | H0H0H ddff | H0H0H ddff | H0H0H ddff | H0H0H ddff |
|              | 11oo 29 82 |            |            |            |            | 115o 3o 8o | 129o 31 68 |            |            |            |            |

Amtsblatt des Deutschen Wetterdienstes  
AEROLOGISCHE WETTERMELDUNGEN

Beilage 2

**Jahrgang 4**

Mittwoch, den 12. September 1979

Nummer 255

## Radiosondenmessungen

| Station         | Schleswig                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | Hannover                                                                                                                                   |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | Essen                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | Stuttgart                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | München                                                                                                                                    |  |  |  |  | Berlin |  |  |  |  |  |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--------|--|--|--|--|--|
| YYGG            | 1212                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 1212                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 1212                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 1212                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 1212                                                                                                                                       |  |  |  |  | 1212   |  |  |  |  |  |
|                 | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff | HHHH TT T <sub>d</sub> T <sub>d</sub> ddfff<br>oder<br>P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff |  |  |  |  |        |  |  |  |  |  |
| mb              | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        | P <sub>n</sub> P <sub>n</sub> P <sub>n</sub> TT T <sub>d</sub> T <sub>d</sub> ddfff                                                        |  |  |  |  |        |  |  |  |  |  |
| 10              | 3118 -48                                                                                                                                   | 3130 -42                                                                                                                                   | 3131 -45                                                                                                                                   | 26 15                                                                                                                                      | 3129 -44                                                                                                                                   | 25 16                                                                                                                                      | 3138 -40                                                                                                                                   | 23 21                                                                                                                                      | 3141 -40                                                                                                                                   | 25 17                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 20              | 2665 -53                                                                                                                                   | 2668 -50                                                                                                                                   | 2672 -50                                                                                                                                   | 30 08                                                                                                                                      | 2670 -51                                                                                                                                   | 30 06                                                                                                                                      | 2673 -49                                                                                                                                   | 23 08                                                                                                                                      | 2676 -50                                                                                                                                   | 27 06                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 30              | 2405 -56                                                                                                                                   | 2406 -53                                                                                                                                   | 2409 -54                                                                                                                                   | 25 12                                                                                                                                      | 2408 -55                                                                                                                                   | 27 06                                                                                                                                      | 2410 -54                                                                                                                                   | 29 05                                                                                                                                      | 2412 -53                                                                                                                                   | 29 07                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 50              | 2078 -56                                                                                                                                   | 2078 -55                                                                                                                                   | 2082 -57                                                                                                                                   | 29 09                                                                                                                                      | 2084 -57                                                                                                                                   | 29 06                                                                                                                                      | 2083 -56                                                                                                                                   | 29 06                                                                                                                                      | 2084 -54                                                                                                                                   | 28 12                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 70              | 1865 -56                                                                                                                                   | 1864 -60                                                                                                                                   | 1870 -60                                                                                                                                   | 32 14                                                                                                                                      | 1872 -61                                                                                                                                   | 30 08                                                                                                                                      | 1870 -59                                                                                                                                   | 29 07                                                                                                                                      | 1870 -56                                                                                                                                   | 29 22                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 100             | 1642 -63                                                                                                                                   | 1644 -64                                                                                                                                   | 1649 -62                                                                                                                                   | 28 18                                                                                                                                      | 1652 -65                                                                                                                                   | 32 12                                                                                                                                      | 1650 -65                                                                                                                                   | 30 09                                                                                                                                      | 1646 -61                                                                                                                                   | 30 34                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 150             | 1391 -62                                                                                                                                   | 1396 -65                                                                                                                                   | 1401 -64                                                                                                                                   | 29 27                                                                                                                                      | 1405 -63                                                                                                                                   | 33 08                                                                                                                                      | 1402 -65                                                                                                                                   | 36 13                                                                                                                                      | 1395 -63                                                                                                                                   | 31 46                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 200             | 1213 -58                                                                                                                                   | 1219 -60                                                                                                                                   | 1224 -59                                                                                                                                   | -66 31 34                                                                                                                                  | 1227 -59                                                                                                                                   | -68 33 12                                                                                                                                  | 1224 -59                                                                                                                                   | -69 36 11                                                                                                                                  | 1218 -59                                                                                                                                   | -71 32 55                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 250             | 1069 -48                                                                                                                                   | 1076 -48                                                                                                                                   | 1080 -48                                                                                                                                   | -56 29 35                                                                                                                                  | 1083 -47                                                                                                                                   | -57 33 14                                                                                                                                  | 1081 -48                                                                                                                                   | -59 36 07                                                                                                                                  | 1074 -47                                                                                                                                   | -63 31 55                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 300             | 0946 -39                                                                                                                                   | 0953 -38                                                                                                                                   | 0957 -38                                                                                                                                   | -47 28 26                                                                                                                                  | 0959 -37                                                                                                                                   | -48 32 10                                                                                                                                  | 0958 -38                                                                                                                                   | -51 35 05                                                                                                                                  | 0951 -37                                                                                                                                   | -58 31 52                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 400             | 0741 -22                                                                                                                                   | 0748 -21                                                                                                                                   | 0751 -21                                                                                                                                   | -49 30 21                                                                                                                                  | 0753 -20                                                                                                                                   | -35 31 12                                                                                                                                  | 0752 -20                                                                                                                                   | -36 34 06                                                                                                                                  | 0746 -22                                                                                                                                   | -32 30 48                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 500             | 0573 -12                                                                                                                                   | 0579 -11                                                                                                                                   | 0582 -10                                                                                                                                   | -26 30 28                                                                                                                                  | 0583 -10                                                                                                                                   | -27 29 06                                                                                                                                  | 0583 -10                                                                                                                                   | -22 32 08                                                                                                                                  | 0577 -11                                                                                                                                   | -22 30 42                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 700             | 0309 1 -22                                                                                                                                 | 0313 3 -21                                                                                                                                 | 0315 4 -0                                                                                                                                  | 27 15                                                                                                                                      | 0316 5 -7                                                                                                                                  | 29 03                                                                                                                                      | 0317 5 -8                                                                                                                                  | 32 07                                                                                                                                      | 0312 3 -38                                                                                                                                 | 30 32                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 850             | 0151 7 -4                                                                                                                                  | 0154 9 1                                                                                                                                   | 0155 9 6                                                                                                                                   | 25 06                                                                                                                                      | 0156 10 4                                                                                                                                  | 27 06                                                                                                                                      | 0156 11 6                                                                                                                                  | 15 05                                                                                                                                      | 0153 2 1                                                                                                                                   | 30 22                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 1000            | 0017 15 7                                                                                                                                  | 0018 16 14                                                                                                                                 | 0019 17 13                                                                                                                                 | 20 10                                                                                                                                      | 0018                                                                                                                                       |                                                                                                                                            | 0018                                                                                                                                       |                                                                                                                                            | 0019 15 8                                                                                                                                  | 31 12                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| Markante Punkte |                                                                                                                                            |                                                                                                                                            | 005 -36                                                                                                                                    | 26 22                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 005 -32                                                                                                                                    | 27 31                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 013                                                                                                                                        | 26 16                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 009                                                                                                                                        | 25 19                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 021 -51                                                                                                                                    | 31 11                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 014                                                                                                                                        | 26 11                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 025                                                                                                                                        | 31 11                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 016 -45                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 029                                                                                                                                        | 24 11                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 017                                                                                                                                        | 28 07                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 036                                                                                                                                        | 30 05                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 019 -49                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 055 -56                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 021                                                                                                                                        | 27 05                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 065                                                                                                                                        | 29 13                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 026                                                                                                                                        | 30 06                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 086                                                                                                                                        | 36 16                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 031 -53                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 087 -64                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 037                                                                                                                                        | 27 10                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 096                                                                                                                                        | 26 15                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 043                                                                                                                                        | 28 06                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 100 -62                                                                                                                                    | 28 18                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 048 -54                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 110                                                                                                                                        | 31 25                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 065 -58                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 118 -65                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 070 -56                                                                                                                                    | 29 22                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 135                                                                                                                                        | 29 31                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 080 -59                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 177 -64                                                                                                                                    | -70 30 32                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 105 -62                                                                                                                                    | -78                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 195                                                                                                                                        | 31 34                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 114 -60                                                                                                                                    | -75                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 260                                                                                                                                        | 28 37                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 127 -64                                                                                                                                    | -77                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 347 -30                                                                                                                                    | -41                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 164 -62                                                                                                                                    | -75                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 393 -22                                                                                                                                    | -50                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 177 -64                                                                                                                                    | -76 31 52                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 420                                                                                                                                        | 30 20                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 205 -58                                                                                                                                    | -70                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 452 -13                                                                                                                                    | -39                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 212                                                                                                                                        | 32 57                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 491 -11                                                                                                                                    | -27                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 313 -35                                                                                                                                    | -52                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 505                                                                                                                                        | 29 30                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 351 -30                                                                                                                                    | -47                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 574 -4                                                                                                                                     | -9                                                                                                                                         |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 371 -26                                                                                                                                    | -41                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 600                                                                                                                                        | 27 13                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 418                                                                                                                                        | 30 47                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            |                                                                                                                                            | 623 0 -14                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 434 -18                                                                                                                                    | -24                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 651 1 -4                                                                                                                                   |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 494 -11                                                                                                                                    | -22                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 724 6 2                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 532 -8                                                                                                                                     | -17                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 757 8 1                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 600 -3                                                                                                                                     | -46 30 36                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 800                                                                                                                                        | 27 12                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 634 -1                                                                                                                                     | -25                                                                                                                                        |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 803 9 6                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 719                                                                                                                                        | 30 31                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 820                                                                                                                                        | 27 10                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 772 7 -35                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 833 10 3                                                                                                                                   |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 800                                                                                                                                        | 30 25                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 843 9 5                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 819 8 -39                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 903                                                                                                                                        | 19 01                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 849 2 1                                                                                                                                    |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 915                                                                                                                                        | 18 02                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 875                                                                                                                                        | 30 21                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 932 13 9                                                                                                                                   |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 900                                                                                                                                        | 30 20                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 939 12 11                                                                                                                                  |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 981                                                                                                                                        | 28 16                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
|                 |                                                                                                                                            | 004 18 13                                                                                                                                  | 20 10                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            | 017 16 8                                                                                                                                   | 34 09                                                                                                                                      |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| Tropo-<br>pause | 160 -64 -69 30 34                                                                                                                          | 150 -65 -72 30 35                                                                                                                          | 177 -64 -70 30 32                                                                                                                          | 165 -63 33 10                                                                                                                              | 180 -64 -74 36 17                                                                                                                          | 177 -64 -76 31 52                                                                                                                          |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| Max-<br>wind    | 227 -52 -57 30 71                                                                                                                          |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 30/50           | 0327                                                                                                                                       | 0328                                                                                                                                       | 0327                                                                                                                                       | 0324                                                                                                                                       | 0327                                                                                                                                       | 0328                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 50/100          | 0436                                                                                                                                       | 0434                                                                                                                                       | 0433                                                                                                                                       | 0432                                                                                                                                       | 0433                                                                                                                                       | 0438                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 100/200         | 0429                                                                                                                                       | 0425                                                                                                                                       | 0425                                                                                                                                       | 0425                                                                                                                                       | 0426                                                                                                                                       | 0428                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 200/500         | 0640                                                                                                                                       | 0640                                                                                                                                       | 0642                                                                                                                                       | 0644                                                                                                                                       | 0641                                                                                                                                       | 0641                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |
| 500/1000        | 0556                                                                                                                                       | 0561                                                                                                                                       | 0563                                                                                                                                       | 0565                                                                                                                                       | 0565                                                                                                                                       | 0558                                                                                                                                       |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |                                                                                                                                            |  |  |  |  |        |  |  |  |  |  |

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