

# Europäischer Wetterbericht

Amtsblatt des Deutschen Wetterdienstes

Beilage 1

## BODENWETTERMELDUNGEN

Jahrgang 5

Freitag, den 27. Juni 1980

Nummer 179

| Station                        | Höhe | iii | 00 Uhr GMT |       |       |                                                  |                                    |  |  | 03 Uhr GMT |       |       |                                                  |                                    |  |  | 18-00                                                           | 00-03                                                           | 18-00 |
|--------------------------------|------|-----|------------|-------|-------|--------------------------------------------------|------------------------------------|--|--|------------|-------|-------|--------------------------------------------------|------------------------------------|--|--|-----------------------------------------------------------------|-----------------------------------------------------------------|-------|
|                                |      |     | Ndft       | Vvww  | PPFT  | N <sub>1</sub> ChC <sub>10</sub> C <sub>11</sub> | T <sub>1</sub> T <sub>10</sub> ppp |  |  | Ndft       | Vvww  | PPFT  | N <sub>1</sub> ChC <sub>10</sub> C <sub>11</sub> | T <sub>1</sub> T <sub>10</sub> ppp |  |  | t <sub>1</sub> t <sub>10</sub> -t <sub>10</sub> t <sub>10</sub> | t <sub>1</sub> t <sub>10</sub> -t <sub>10</sub> t <sub>10</sub> | 788-- |
| Helgoland                      | 4    | 015 | 32812      | 84011 | 08413 | 38402                                            | 09801                              |  |  | 42915      | 84038 | 07712 | 49402                                            | 08707                              |  |  | ---                                                             | 29                                                              | 700-- |
| List                           | 26   | 020 | 42714      | 8402- | 07312 | 32501                                            | 07804                              |  |  | 42716      | 84258 | 06212 | 49530                                            | 05711                              |  |  | ---                                                             | 26                                                              | 700-- |
| Schleswig                      | 43   | 035 | 62304      | 84031 | 07809 | 68500                                            | 07801                              |  |  | 62607      | 82031 | 07010 | 68500                                            | 07708                              |  |  |                                                                 |                                                                 | 700-- |
| Kiel                           | 7    | 045 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Norderney                      | 13   | 113 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Bremerhaven                    | 7    | 129 | 32607      | 83031 | 09012 | 32500                                            | 10801                              |  |  | 52409      | 81018 | 08611 | 58500                                            | 10704                              |  |  |                                                                 |                                                                 | 700-- |
| Cuxhaven                       | 4    | 131 | 32705      | 70020 | 07811 | 32400                                            | 08801                              |  |  | 52805      | 80022 | 07112 | 52400                                            | 07707                              |  |  |                                                                 |                                                                 | 700-- |
| Hamburg-Fuhlsbüttel, Flugh.    | 16   | 147 | 42803      | 65011 | 08810 | 15731                                            | 09400                              |  |  | 32505      | 65012 | 08409 | 25731                                            | 08604                              |  |  |                                                                 |                                                                 | 700-- |
| Lübeck                         | 8    | 156 | 52703      | 80021 | 07911 | 58500                                            | 08400                              |  |  | 52704      | 80022 | 07510 | 35630                                            | 08704                              |  |  |                                                                 |                                                                 | 700-- |
| Emden-Hafen                    | 6    | 203 | 63102      | 80038 | 09312 | 62400                                            | 08801                              |  |  | 32606      | 80011 | 09011 | 38400                                            | 08703                              |  |  | ---                                                             | 26                                                              | 792-- |
| Bremen, Flugh.                 | 3    | 224 | 82802      | 58589 | 09010 | 857--                                            | 10001                              |  |  | 32403      | 02426 | 08808 | 35700                                            | 08802                              |  |  |                                                                 |                                                                 | 718-- |
| Saltau                         | 77   | 235 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Lüchow                         | 17   | 253 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Lingen                         | 21   | 305 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Münster                        | 63   | 313 | 82804      | 40602 | 10011 | 5557-                                            | 10103                              |  |  | 22902      | 56106 | 10310 | 15501                                            | 08203                              |  |  |                                                                 |                                                                 | 797-- |
| Osnaabrück                     | 95   | 317 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Gütersloh                      | 72   | 320 | 82805      | 17118 | 09911 | 854--                                            | 10001                              |  |  | 82805      | 20216 | 10410 | 852--                                            | 10304                              |  |  |                                                                 |                                                                 |       |
| Bad Salzuflen                  | 98   | 325 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Hannover-Langenhagen, Flugh.   | 56   | 338 | 52702      | 30109 | 09011 | 55700                                            | 09000                              |  |  | 82504      | 30612 | 09211 | 855--                                            | 10002                              |  |  |                                                                 |                                                                 | 701-- |
| Braunschweig-Völkenrode        | 81   | 348 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Berlin-Dahlem                  | 51   | 381 | 82502      | 61219 | 07512 | 8092-                                            | 11812                              |  |  | 82901      | 62028 | 07312 | 6572-                                            | 11502                              |  |  |                                                                 |                                                                 | 701-- |
| Berlin-Tempelhof, Flugh.       | 50   | 384 | 72605      | 70219 | 07714 | 757--                                            | 09604                              |  |  | 83603      | 68606 | 07613 | 6572-                                            | 10803                              |  |  |                                                                 |                                                                 | 797-- |
| Düsseldorf, Flugh.             | 45   | 400 | 52806      | 58012 | 11012 | 15701                                            | 10104                              |  |  | 22901      | 14111 | 11610 | 25500                                            | 09206                              |  |  |                                                                 |                                                                 | 700-- |
| Bocholt                        | 25   | 406 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Essen                          | 154  | 410 | 72703      | 30109 | 10810 | 755--                                            | 10204                              |  |  | 12703      | 01444 | 11208 | 00901                                            | 08203                              |  |  |                                                                 |                                                                 | 792-- |
| Kahler Asten □                 | 835  | 427 | 73309      | 65219 | 42106 | 754--                                            | 05000                              |  |  | 93109      | 01414 | 42006 | 9-----                                           | 06501                              |  |  |                                                                 |                                                                 | 793-- |
| Bad Lippspringe                | 151  | 430 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Kassel                         | 231  | 438 | 70000      | 56102 | 09110 | 757--                                            | 08201                              |  |  | 81901      | 57102 | 09110 | 756--                                            | 08400                              |  |  |                                                                 |                                                                 | 796-- |
| Göttingen                      | 176  | 444 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Braunlage                      | 607  | 452 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Aachen                         | 202  | 501 | 72706      | 56101 | 11411 | 755--                                            | 09104                              |  |  | 72605      | 10101 | 12210 | 784--                                            | 09207                              |  |  |                                                                 |                                                                 | 700-- |
| Nürburg                        | 627  | 510 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Köln-Bonn, Flugh.              | 91   | 513 | 82804      | 65039 | 10812 | 755--                                            | 10201                              |  |  | 83005      | 50108 | 11411 | 784--                                            | 10206                              |  |  |                                                                 |                                                                 | 705-- |
| Koblenz                        | 96   | 515 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Marientberg                    | 547  | 526 | 72803      | 58038 | 09808 | 757--                                            | 07802                              |  |  | 82905      | 10282 | 10108 | 862--                                            | 08303                              |  |  |                                                                 |                                                                 | 701-- |
| Gießen                         | 182  | 532 | 72604      | 50106 | 10310 | 755--                                            | 08101                              |  |  | 82705      | 56102 | 10310 | 755--                                            | 08400                              |  |  |                                                                 |                                                                 | 702-- |
| Bad Hersfeld                   | 212  | 542 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Wasserkuppe □                  | 921  | 544 | 92804      | 00479 | 42006 | 9-----                                           | 06302                              |  |  | 93108      | 00474 | 41806 | 9-----                                           | 06801                              |  |  | ---                                                             | 26                                                              | 710-- |
| Trier-Petrisberg               | 265  | 609 | 72203      | 58038 | 11809 | 756--                                            | 08204                              |  |  | 72403      | 30104 | 12009 | 756--                                            | 08201                              |  |  |                                                                 |                                                                 | 796-- |
| Deuselbach                     | 479  | 615 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Kl.Feldberg/Ts. □              | 805  | 635 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Frankfurt, Flugh.              | 112  | 637 | 62205      | 70259 | 10112 | 6097-                                            | 10207                              |  |  | 63107      | 65022 | 11112 | 6097-                                            | 09210                              |  |  |                                                                 |                                                                 | 701-- |
| Darmstadt                      | 133  | 639 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Würzburg                       | 259  | 655 | 50000      | 68216 | 09311 | 55700                                            | 09103                              |  |  | 83103      | 62252 | 09510 | 885--                                            | 09101                              |  |  |                                                                 |                                                                 | 794-- |
| Bad Kissingen                  | 262  | 658 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Coburg                         | 337  | 671 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Bamberg                        | 239  | 675 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Hof                            | 567  | 685 | 31902      | 65011 | 09208 | 15631                                            | 07801                              |  |  | 82804      | 70211 | 08908 | 755--                                            | 07804                              |  |  |                                                                 |                                                                 | 700-- |
| Weiden                         | 438  | 688 | 90000      | 02451 | 10009 | 9-----                                           | 08101                              |  |  | 80000      | 45214 | 09509 | 773--                                            | 09803                              |  |  |                                                                 |                                                                 | 700-- |
| Berus                          | 363  | 704 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Tholey                         | 398  | 706 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Saarbrücken-Ensheim, Flugh.    | 322  | 708 | 72704      | 65018 | 11310 | 4567-                                            | 08207                              |  |  | 82203      | 56216 | 11709 | 6547-                                            | 08302                              |  |  |                                                                 |                                                                 | 703-- |
| Neustadt/Weinstr.              | 163  | 723 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Weinbiet/Weinstr.              | 553  | 724 | -2614      | 58--- | 14308 | -----                                            | 07207                              |  |  | -2612      | 01--- | 14308 | -----                                            | 06801                              |  |  |                                                                 |                                                                 |       |
| Karlsruhe                      | 112  | 727 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Mannheim                       | 97   | 729 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Stuttgart (Stadt)              | 305  | 737 | 72205      | 63026 | 10912 | 756--                                            | 09104                              |  |  | 72004      | 65032 | 11411 | 785--                                            | 09304                              |  |  |                                                                 |                                                                 | 7---- |
| Stuttgart-Echterdingen, Flugh. | 396  | 738 | 52404      | 70018 | 11110 | 5843-                                            | 09204                              |  |  | 72303      | 65032 | 11309 | 7853-                                            | 08500                              |  |  |                                                                 |                                                                 | 791-- |
| Öhringen                       | 276  | 742 | 82703      | 60028 | 10411 | 864--                                            | 10105                              |  |  | 82605      | 57102 | 10411 | 814--                                            | 10801                              |  |  |                                                                 |                                                                 | 794-- |
| Weidenburg/Bay.                | 422  | 761 | 82203      | 50108 | 09711 | 3563-                                            | 09000                              |  |  | 82505      | 60606 | 09910 | 6852-                                            | 09400                              |  |  |                                                                 |                                                                 | 792-- |
| Nürnberg, Flugh.               | 319  | 763 | 72306      | 61032 | 09511 | 35641                                            | 10204                              |  |  | 82502      | 59032 | 09811 | 854--                                            | 10303                              |  |  |                                                                 |                                                                 | 700-- |
| Regensburg                     | 376  | 776 | 82202      | 80039 | 09411 | 3577-                                            | 09103                              |  |  | 83002      | 56616 | 09311 | 854--                                            | 10801                              |  |  |                                                                 |                                                                 | 797-- |
| Gr. Falkenstein □              | 1307 | 791 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Freiburg                       | 269  | 803 | 82107      | 82036 | 12512 | 785--                                            | 09103                              |  |  | 82210      | 65022 | 12711 | 756--                                            | 08400                              |  |  |                                                                 |                                                                 | 702-- |
| Freudenstadt □                 | 797  | 815 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Klippeneck □                   | 973  | 818 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Stetten                        | 734  | 836 | 82611      | 50288 | 11508 | 882--                                            | 08002                              |  |  | 82712      | 40258 | 11308 | 882--                                            | 07601                              |  |  |                                                                 |                                                                 | 701-- |
| Ulm                            | 522  | 838 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Augsburg                       | 477  | 852 | 82907      | 60619 | 10511 | 855--                                            | 09203                              |  |  | 82906      | 59612 | 10510 | 856--                                            | 08803                              |  |  |                                                                 |                                                                 | 705-- |
| München-Riem, Flugh.           | 530  | 866 | 82413      | 70636 | 10511 | 884--                                            | 09202                              |  |  | 82806      | 58586 | 10210 | 853--                                            | 09804                              |  |  |                                                                 |                                                                 | 791-- |
| Mühlhof                        | 401  | 875 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Passau                         | 409  | 893 | 82111      | 70032 | 09212 | 5742-                                            | 10204                              |  |  | 82504      | 68022 | 08511 | 855--                                            | 10708                              |  |  |                                                                 |                                                                 | 700-- |
| Feldberg/Schw. □               | 1486 | 908 | 92511      | 00616 | 44903 | 9-----                                           | 03204                              |  |  | 92708      | 00456 | 44903 | 9-----                                           | 03400                              |  |  |                                                                 |                                                                 | 795-- |
| Konstanz                       | 443  | 929 | 82307      | 67616 | 12510 | 884--                                            | 08106                              |  |  | 82306      | 64616 | 12610 | 783--                                            | 08801                              |  |  |                                                                 |                                                                 | 795-- |
| Friedrichshafen                | 401  | 934 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Kempten-Lenzried               | 705  | 946 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Oberndorf □                    | 810  | 948 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Zugspitze ■                    | 2960 | 961 | 92902      | 00717 | 99355 | 9-----                                           | 55803                              |  |  | 93113      | 00717 | 98356 | 9-----                                           | 56709                              |  |  | 23-32                                                           |                                                                 | 706-- |
| Hohenpeißenberg □              | 977  | 962 | 92413      | 01476 | 43507 | 9-----                                           | 07000                              |  |  | 92710      | 01636 | 43206 | 9-----                                           | 06602                              |  |  |                                                                 |                                                                 | 704-- |
| Garmisch-Partenkirchen         | 719  | 963 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
| Wendelstein □                  | 1832 | 980 |            |       |       |                                                  |                                    |  |  |            |       |       |                                                  |                                    |  |  |                                                                 |                                                                 |       |
|                                |      |     |            |       |       |                                                  |                                    |  |  | 92815      | 00616 | 43801 | 9-----                                           | 01707                              |  |  |                                                                 |                                                                 | 20-25 |

Freitag, den 27. Juni 1980

| Station                      |     | 06 Uhr GMT |       |       |       |       |                                                             | 07 Uhr GMT                                   |       |       |       |                                                             |                                              | 08-06                                        |                                              | 06-07                                        |        | 10-06 |   | E max/V |
|------------------------------|-----|------------|-------|-------|-------|-------|-------------------------------------------------------------|----------------------------------------------|-------|-------|-------|-------------------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|--------|-------|---|---------|
|                              |     | Höhe       | III   | MMH   | VVW   | FWT   | N <sub>1</sub> C <sub>1</sub> C <sub>2</sub> C <sub>3</sub> | T <sub>1</sub> T <sub>2</sub> T <sub>3</sub> | MMH   | VVW   | FWT   | N <sub>1</sub> C <sub>1</sub> C <sub>2</sub> C <sub>3</sub> | T <sub>1</sub> T <sub>2</sub> T <sub>3</sub> | T <sub>1</sub> T <sub>2</sub> T <sub>3</sub> | T <sub>1</sub> T <sub>2</sub> T <sub>3</sub> | T <sub>1</sub> T <sub>2</sub> T <sub>3</sub> | RE max |       |   |         |
| Helgoland                    | 4   | 015        | 62815 | 84258 | 07813 | 39402 | 08301                                                       | 32715                                        | 84258 | 08013 | 39402 | 08102                                                       | ---                                          | 29                                           | 21-30                                        | 79411                                        | 13610  | 94150 | 1 |         |
| List                         | 26  | 020        | 52916 | 84258 | 05912 | 59531 | 06503                                                       | 42819                                        | 84038 | 06113 | 48501 | 06001                                                       | 21-31                                        | ---                                          | 29                                           | 79111                                        | 13410  | 92145 | 1 |         |
| Schleswig                    | 43  | 035        | 42507 | 82808 | 06711 | 49500 | 08603                                                       | 52709                                        | 84258 | 06713 | 49503 | 08301                                                       |                                              |                                              |                                              | 79109                                        | 12607  | 91127 | 1 |         |
| Kiel                         | 7   | 045        | 22606 | 8002- | 07112 | 28501 | 09400                                                       | 62905                                        | 80258 | 06914 | 59402 | 09803                                                       |                                              |                                              |                                              | 70008                                        | 12607  | 94098 | 1 |         |
| Norderney                    | 13  | 113        | 63120 | 81258 | 09313 | 52401 | 10500                                                       | 52823                                        | 81258 | 09713 | 52431 | 10204                                                       | 24-28                                        | 24-29                                        | 79312                                        | 14510                                        | 93114  | 1     |   |         |
| Bremerhaven                  | 7   | 129        | 62713 | 75038 | 08912 | 38531 | 09203                                                       | 52811                                        | 80258 | 09113 | 59401 | 09202                                                       |                                              | ---                                          | 32                                           | 79111                                        | 13610  | 91080 | 1 |         |
| Cuxhaven                     | 4   | 131        | 62810 | 75258 | 07211 | 68401 | 06301                                                       | 62814                                        | 75258 | 07813 | 62400 | 08306                                                       |                                              |                                              |                                              | 79711                                        | 13008  | 91116 | 1 |         |
| Hamburg-Fuhlsbüttel, Flugh.  | 16  | 147        | 32709 | 70011 | 08612 | 38400 | 09202                                                       | 52815                                        | 75251 | 08014 | 48501 | 08701                                                       |                                              |                                              |                                              | 70009                                        | 12907  | 91083 | 1 |         |
| Lübeck                       | 8   | 156        | 72507 | 70032 | 07911 | 784-- | 09304                                                       | 62412                                        | 75251 | 07711 | 62501 | 08502                                                       |                                              | ---                                          | 26                                           | 70009                                        | 13108  | 94086 | 1 |         |
| Emden-Hafen                  | 6   | 203        | 52607 | 75011 | 09211 | 52400 | 08302                                                       | 62905                                        | 80258 | 09513 | 62401 | 09203                                                       |                                              |                                              |                                              | 79210                                        | 12809  | 95045 | 1 |         |
| Bremen, Flugh.               | 3   | 224        | 22609 | 75016 | 09111 | 12501 | 10203                                                       | 42811                                        | 75012 | 09414 | 48401 | 08203                                                       |                                              |                                              |                                              | 71807                                        | 12007  | 18103 | 1 |         |
| Saltau                       | 77  | 235        | 72704 | 30106 | 09111 | 753-- | 10304                                                       | 62807                                        | 80021 | 09213 | 68500 | 08102                                                       |                                              |                                              |                                              | 70510                                        | 14209  | 05093 | 1 |         |
| Lüchow                       | 17  | 253        | 72603 | 5961- | 08511 | 784-- | 10307                                                       | 72708                                        | 80256 | 08715 | 785-- | 09003                                                       |                                              |                                              |                                              | 70110                                        | 13609  | 01116 | 1 |         |
| Lingen                       | 21  | 305        | 22705 | 7502- | 10511 | 18441 | 10106                                                       | 63010                                        | 82031 | 10715 | 48532 | 07102                                                       |                                              |                                              |                                              | 79408                                        | 13407  | 02088 | 1 |         |
| Münster                      | 63  | 313        | 62704 | 56106 | 11311 | 68501 | 09211                                                       | 63006                                        | 75012 | 11415 | 52501 | 09003                                                       |                                              |                                              |                                              | 79108                                        | 11807  | 01036 | 1 |         |
| Osnabrück                    | 95  | 317        | 22704 | 63036 | 10811 | 12431 | 09206                                                       | 62710                                        | 82031 | 11014 | 52501 | 07103                                                       |                                              |                                              |                                              | 79109                                        | 12408  | 93043 | 1 |         |
| Gütersloh                    | 72  | 320        | 52906 | 59016 | 11311 | 46702 | 09210                                                       | 62809                                        | 82012 | 11414 | 52401 | 08102                                                       |                                              |                                              |                                              | 79409                                        | ---    | 01--- | - |         |
| Bad Salzuflen                | 98  | 325        | 32803 | 70018 | 10011 | 38431 | 09309                                                       | 62906                                        | 84031 | 10215 | 525-1 | 08104                                                       |                                              |                                              |                                              | 70110                                        | 11910  | 01045 | 1 |         |
| Mannover-Langenhagen, Flugh. | 56  | 338        | 72808 | 57106 | 09711 | 753-- | 10105                                                       | 62910                                        | 82022 | 10113 | 62501 | 08004                                                       |                                              |                                              |                                              | 70210                                        | 13310  | 02090 | 1 |         |
| Braunschweig-Völkenrode      | 81  | 348        | 82905 | 3861- | 09411 | 884-- | 10203                                                       | 62806                                        | 70252 | 09512 | 695-- | 09201                                                       |                                              |                                              |                                              | 79109                                        | 13609  | 92074 | 1 |         |
| Berlin-Dahlem                | 51  | 361        | 82702 | 57618 | 07912 | 5572- | 11306                                                       | 83205                                        | 75026 | 08613 | 885-- | 09207                                                       |                                              |                                              |                                              | 70112                                        | 14211  | 01105 | 1 |         |
| Berlin-Tempelhof, Flugh.     | 50  | 384        | 83205 | 58606 | 07813 | 5567- | 11303                                                       | 73407                                        | 72016 | 08413 | 785-- | 10106                                                       |                                              |                                              |                                              | 79212                                        | 15611  | 92108 | 1 |         |
| Düsseldorf, Flugh.           | 45  | 400        | 62404 | 40101 | 12511 | 22501 | 09209                                                       | 72708                                        | 82022 | 12714 | 725-- | 09002                                                       |                                              |                                              |                                              | 70009                                        | 13608  | 01038 | 1 |         |
| Bocholt                      | 25  | 406        | 72605 | 50102 | 11710 | 38401 | 10108                                                       | 52807                                        | 65022 | 11614 | 42541 | 09400                                                       |                                              |                                              |                                              | 70007                                        | 13605  | 01070 | 1 |         |
| Essen                        | 154 | 410        | 62001 | 01444 | 12110 | 662-- | 09111                                                       | 72507                                        | 75034 | 12114 | 62541 | 08003                                                       |                                              |                                              |                                              | 79208                                        | 12007  | 04051 | 1 |         |
| Kahler Asten                 | 835 | 427        | 73311 | 50288 | 42605 | 722-- | 05207                                                       | 73311                                        | 63022 | 43607 | 782-- | 05209                                                       |                                              |                                              |                                              | 70105                                        | 07605  | 02035 | 1 |         |
| Bad Lippspringe              | 151 | 430        | 63007 | 30106 | 11110 | 623-- | 09311                                                       | 62905                                        | 75252 | 11312 | 624-1 | 09304                                                       |                                              |                                              |                                              | 70310                                        | 13209  | 06046 | 1 |         |
| Kassel                       | 231 | 438        | 73005 | 59212 | 09711 | 6847- | 08307                                                       | 73006                                        | 80036 | 10014 | 78502 | 07106                                                       |                                              |                                              |                                              | 79609                                        | 12107  | 09032 | 1 |         |
| Göttingen                    | 176 | 444        | 83002 | 4510- | 10711 | 854-- | 10204                                                       | 73304                                        | 70026 | 10713 | 785-- | 09207                                                       |                                              |                                              |                                              | 79710                                        | 12910  | 10073 | 1 |         |
| Braunlage                    | 607 | 452        | 82903 | 2558- | 09308 | 872-- | 07303                                                       | 73108                                        | 75026 | 09809 | 784-- | 05106                                                       |                                              |                                              |                                              | 70207                                        | 09006  | 22036 | 1 |         |
| Aachen                       | 202 | 501        | 72605 | 20101 | 12911 | 714-1 | 09208                                                       | 52506                                        | 58032 | 12914 | 42501 | 09002                                                       |                                              |                                              |                                              | 70009                                        | 12608  | 02036 | 1 |         |
| Nürnberg                     | 627 | 510        | 82806 | 2010- | 12907 | 861-- | 07308                                                       | 72506                                        | 60012 | 12511 | 43402 | 05106                                                       |                                              |                                              |                                              | 70007                                        | 09506  | 05030 | 1 |         |
| Köln-Bonn, Flugh.            | 91  | 513        | 73304 | 20108 | 12211 | 762-- | 10208                                                       | 62607                                        | 60018 | 13014 | 52401 | 11209                                                       |                                              |                                              |                                              | 70510                                        | 12310  | 06037 | 1 |         |
| Koblenz                      | 96  | 515        | 63203 | 30106 | 12512 | 684-- | 10210                                                       | 72905                                        | 60022 | 13114 | 48402 | 09207                                                       |                                              |                                              |                                              | 70111                                        | 129--  | 06039 | 1 |         |
| Marienberg                   | 547 | 526        | 83005 | 14214 | 11108 | 862-- | 08109                                                       | 72804                                        | 68022 | 11610 | 62401 | 07210                                                       |                                              |                                              |                                              | 70107                                        | 09406  | 03033 | 1 |         |
| Gießen                       | 182 | 532        | 62506 | 40102 | 10911 | 45530 | 08207                                                       | 53605                                        | 70012 | 11013 | 48531 | 07102                                                       |                                              |                                              |                                              | 70210                                        | 13008  | 04046 | 1 |         |
| Bad Hersfeld                 | 212 | 542        | 82203 | 45106 | 10911 | 862-- | 09312                                                       | 43206                                        | 66011 | 11813 | 22532 | 08208                                                       |                                              |                                              |                                              | 79208                                        | 11407  | 04030 | 1 |         |
| Wasserkuppe                  | 921 | 544        | 93108 | 00454 | 42406 | 9---- | 06307                                                       | 83313                                        | 12284 | 43406 | 751-- | 06210                                                       |                                              |                                              |                                              | 71005                                        | 08404  | 13045 | 1 |         |
| Trier-Petrisberg             | 265 | 609        | 52803 | 60016 | 12610 | 58400 | 09207                                                       | 72807                                        | 67032 | 13613 | 52401 | 08205                                                       |                                              |                                              |                                              | 70109                                        | 10708  | 06018 | 1 |         |
| Deuselbach                   | 479 | 615        | 82808 | 30216 | 12808 | 772-- | 08310                                                       | 72508                                        | 59022 | 13011 | 723-- | 08208                                                       |                                              |                                              |                                              | 70108                                        | 10107  | 05022 | 1 |         |
| Kl.Feldberg/Ts.              | 805 | 635        | 93111 | 01654 | 43407 | 9---- | 07304                                                       | 73107                                        | 30206 | 44809 | 68-01 | 08211                                                       |                                              |                                              |                                              | 70306                                        | 07705  | 06032 | 1 |         |
| Frankfurt, Flugh.            | 112 | 637        | 72304 | 56602 | 11411 | 5547- | 10303                                                       | 72806                                        | 62036 | 12114 | 6857- | 09008                                                       |                                              |                                              |                                              | 70111                                        | 13108  | 01042 | 1 |         |
| Darmstadt                    | 133 | 639        | 81803 | 5902- | 11611 | 5547- | 09312                                                       | 71603                                        | 60026 | 12413 | 5847- | 10210                                                       |                                              |                                              |                                              | 79210                                        | 13308  | 03031 | 1 |         |
| Würzburg                     | 259 | 655        | 72704 | 40108 | 10611 | 7853- | 10312                                                       | 53106                                        | 56252 | 11013 | 48531 | 10205                                                       |                                              |                                              |                                              | 70110                                        | 13009  | 08051 | 1 |         |
| Bad Kissingen                | 262 | 658        | 81802 | 50602 | 10510 | 884-- | 09310                                                       | 63203                                        | 63016 | 10713 | 52401 | 09105                                                       |                                              |                                              |                                              | 70110                                        | 12109  | 03039 | 1 |         |
| Coburg                       | 337 | 671        | 72902 | 45108 | 10309 | 752-- | 08311                                                       | 72804                                        | 57102 | 10612 | 784-- | 09207                                                       |                                              |                                              |                                              | 70109                                        | 11608  | 02033 | 1 |         |
| Bamberg                      | 239 | 675        | 83202 | 50606 | 10511 | 884-- | 10308                                                       | 73008                                        | 62256 | 10913 | 785-- | 09105                                                       |                                              |                                              |                                              | 70210                                        | 12009  | 22032 | 1 |         |
| Hof                          | 567 | 685        | 72707 | 65031 | 09409 | 62401 | 08307                                                       | 73309                                        | 65022 | 09811 | 785-- | 07209                                                       |                                              |                                              |                                              | 70207                                        | 10605  | 02044 | 1 |         |
| Weiden                       | 438 | 688        | 82706 | 57216 | 09910 | 773-- | 08304                                                       | 72806                                        | 70252 | 13112 | 785-- | 08207                                                       |                                              |                                              |                                              | 79308                                        | 11607  | 05030 | 1 |         |
| Beruf                        | 363 | 704        | 82906 | 50216 | 13609 | 2557- | 09209                                                       | 43005                                        | 62012 | 14212 | 42400 | 09211                                                       |                                              |                                              |                                              | 70308                                        | 10605  | 07045 | 1 |         |
| Tholey                       | 398 | 706        | 82606 | 20606 | 12709 | 872-- | 09311                                                       | 42706                                        | 68016 | 13112 | 42401 | 07210                                                       |                                              |                                              |                                              | 70108                                        | 10806  | 05055 | 1 |         |
| Saarbrücken-Ensheim, Flugh.  | 322 | 708        | 82706 | 30616 | 12709 | 5547- | 08210                                                       | 62605                                        | 57852 | 13112 | 68400 | 08208                                                       |                                              |                                              |                                              | 70308                                        | 11806  | 05054 | 1 |         |
| Neustadt/Weinstr.            | 163 | 723        | 73007 | 6402- | 12311 | 784-- | 08211                                                       | 52908                                        | 59012 | 13214 | 32532 | 09211                                                       |                                              |                                              |                                              | 79711                                        | 14611  | 03029 | 1 |         |
| Weinbiet/Weinstr.            | 553 | 724        | -2911 | 04--  | 14908 | ----  | 07210                                                       | -2708                                        | 60--  | 15711 | ----  | 09214                                                       |                                              |                                              |                                              |                                              |        |       |   |         |
| Karlruhe                     | 112 | 727        | 82208 | 59608 | 12911 | 3852- | 10308                                                       | 82306                                        | 57216 | 13712 | 7842- | 10208                                                       |                                              |                                              |                                              | 79411                                        | 13210  | 16035 | 1 |         |
| Mannheim                     | 97  | 729        | 81501 | 5860- | 12311 |       |                                                             |                                              |       |       |       |                                                             |                                              |                                              |                                              |                                              |        |       |   |         |

Freitag, den 27. Juni 1980

| Station                        | 12 Uhr GMT |     |       |       |       |                                                |                                   | 15 Uhr GMT |       |       |                                                |                                   |  |                                               | 06-12                                         |                                               |                                               | 13-15                                         |                                               |  | 06-12 |  |  |
|--------------------------------|------------|-----|-------|-------|-------|------------------------------------------------|-----------------------------------|------------|-------|-------|------------------------------------------------|-----------------------------------|--|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|--|-------|--|--|
|                                | Höhe       | III | Ndoff | VVwW  | PPFTT | N <sub>1</sub> ChC <sub>0</sub> C <sub>1</sub> | T <sub>0</sub> T <sub>0</sub> app | Ndoff      | VVwW  | PPFTT | N <sub>1</sub> ChC <sub>0</sub> C <sub>1</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> T <sub>0</sub> -T <sub>0</sub> |  |       |  |  |
| Helgoland                      | 4          | 015 | 52718 | 83028 | 08514 | 59401                                          | 09305                             | 62819      | 82258 | 08113 | 69401                                          | 09804                             |  | 21-30                                         | 23-33                                         | 793--                                         |                                               |                                               |                                               |  |       |  |  |
| List                           | 26         | 020 | 62821 | 84038 | 06414 | 58502                                          | 07303                             | 42818      | 84251 | 06513 | 48501                                          | 08201                             |  | 21-29                                         | 21-31                                         | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Schleswig                      | 43         | 035 | 72714 | 82038 | 06616 | 42501                                          | 09601                             | 72711      | 80808 | 06913 | 52502                                          | 08303                             |  | ---28                                         | ---26                                         | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Kiel                           | 7          | 045 | 52608 | 80018 | 06915 | 59403                                          | 09500                             | 62708      | 80258 | 07015 | 69403                                          | 07101                             |  |                                               | ---27                                         | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Norderney                      | 13         | 113 | 62922 | 81038 | 09913 | 62402                                          | 10202                             | 62923      | 75258 | 11213 | 684--                                          | 10313                             |  | 25-30                                         | 29-31                                         | 792--                                         |                                               |                                               |                                               |  |       |  |  |
| Bremerhaven                    | 7          | 129 | 52819 | 80028 | 09115 | 59501                                          | 08400                             | 62712      | 80258 | 09114 | 62501                                          | 09000                             |  | 25-35                                         | ---28                                         | 703--                                         |                                               |                                               |                                               |  |       |  |  |
| Cuxhaven                       | 4          | 131 | 42819 | 82018 | 07813 | 42401                                          | 06400                             | 52719      | 82251 | 07814 | 52501                                          | 07400                             |  | ---28                                         | ---30                                         | 792--                                         |                                               |                                               |                                               |  |       |  |  |
| Hamburg-Fuhlsbüttel, Flugh.    | 16         | 147 | 52813 | 82258 | 08316 | 53501                                          | 08802                             | 72711      | 82808 | 08315 | 69532                                          | 07400                             |  | ---27                                         | ---25                                         | 793--                                         |                                               |                                               |                                               |  |       |  |  |
| Lübeck                         | 8          | 156 | 62516 | 75028 | 07715 | 68502                                          | 07000                             | 52515      | 80022 | 07515 | 48502                                          | 06502                             |  | ---27                                         | ---27                                         | 705--                                         |                                               |                                               |                                               |  |       |  |  |
| Emden-Hafen                    | 6          | 203 | 72614 | 81258 | 09513 | 62501                                          | 10400                             | 63009      | 81028 | 09315 | 62500                                          | 08802                             |  |                                               |                                               | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Bremen, Flugh.                 | 3          | 224 | 52714 | 82028 | 09316 | 49501                                          | 09701                             | 73012      | 62258 | 09412 | 79501                                          | 10301                             |  | ---31                                         |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Soltow                         | 77         | 235 | 62908 | 82161 | 09116 | 69500                                          | 08000                             | 73106      | 80258 | 09314 | 635-2                                          | 11001                             |  |                                               | ---28                                         | 700--                                         |                                               |                                               |                                               |  |       |  |  |
| Lüchow                         | 17         | 253 | 62812 | 82028 | 08516 | 68600                                          | 08702                             | 62811      | 80032 | 08614 | 59501                                          | 08101                             |  |                                               |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Lingen                         | 21         | 305 | 73610 | 82151 | 10415 | 6953-                                          | 06703                             | 62507      | 82018 | 10813 | 49431                                          | 08004                             |  |                                               |                                               | 700--                                         |                                               |                                               |                                               |  |       |  |  |
| Münster                        | 63         | 313 | 73007 | 75022 | 11316 | 685-2                                          | 08701                             | 73306      | 70808 | 11912 | 6843-                                          | 10305                             |  |                                               |                                               | 700--                                         |                                               |                                               |                                               |  |       |  |  |
| Osnaabrück                     | 95         | 317 | 73108 | 80251 | 10517 | 29502                                          | 08804                             | 72506      | 68258 | 11411 | 755--                                          | 09107                             |  |                                               | ---27                                         | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Gütersloh                      | 72         | 320 | 72810 | 68802 | 11016 | 59503                                          | 08704                             | 82809      | 57808 | 11813 | 6832-                                          | 11107                             |  |                                               |                                               | 791--                                         |                                               |                                               |                                               |  |       |  |  |
| Bad Salzungen                  | 98         | 325 | 73303 | 86258 | 10015 | 58502                                          | 07602                             | 82709      | 71259 | 10813 | 4841-                                          | 09307                             |  |                                               |                                               | 700--                                         |                                               |                                               |                                               |  |       |  |  |
| Hannover-Langenhagen, Flugh.   | 56         | 338 | 62413 | 84152 | 09717 | 54602                                          | 08803                             | 72608      | 84258 | 09815 | 29613                                          | 08001                             |  | ---26                                         |                                               | 794--                                         |                                               |                                               |                                               |  |       |  |  |
| Braunschweig-Völkenrode        | 81         | 348 | 42911 | 84028 | 09616 | 38541                                          | 08103                             | 73109      | 84259 | 09814 | 785--                                          | 07301                             |  |                                               |                                               | 794--                                         |                                               |                                               |                                               |  |       |  |  |
| Berlin-Dahlem                  | 51         | 381 | 63003 | 75036 | 08617 | 32530                                          | 08001                             | 22805      | 80026 | 08317 | 12760                                          | 06605                             |  |                                               |                                               | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Berlin-Tempelhof, Flugh.       | 50         | 384 | 52708 | 78026 | 08516 | 58630                                          | 09102                             | 22712      | 81028 | 08317 | 28640                                          | 05602                             |  |                                               |                                               | 702--                                         |                                               |                                               |                                               |  |       |  |  |
| Düsseldorf, Flugh.             | 45         | 400 | 62306 | 70299 | 13112 | 49463                                          | 10004                             | 73005      | 60298 | 13711 | 4946-                                          | 09306                             |  |                                               | ---32                                         | 704--                                         |                                               |                                               |                                               |  |       |  |  |
| Bocholt                        | 25         | 406 | 72508 | 60808 | 11812 | 3247-                                          | 10101                             | 63006      | 60018 | 12314 | 32530                                          | 10105                             |  |                                               |                                               | 703--                                         |                                               |                                               |                                               |  |       |  |  |
| Essen                          | 154        | 410 | 82512 | 60809 | 12911 | 795--                                          | 10305                             | 82914      | 50958 | 13609 | 794--                                          | 07005                             |  | ---25                                         |                                               | 795--                                         |                                               |                                               |                                               |  |       |  |  |
| Köhler Asten □                 | 835        | 427 | 62610 | 81176 | 44210 | 59431                                          | 05601                             | 72710      | 65609 | 43607 | 721--                                          | 06101                             |  |                                               |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Bad Lippspringe                | 151        | 430 | 72709 | 82178 | 10815 | 795--                                          | 06603                             | 82406      | 58259 | 11713 | 5151-                                          | 10306                             |  | ---29                                         |                                               | 792--                                         |                                               |                                               |                                               |  |       |  |  |
| Kassel                         | 231        | 438 | 72612 | 68808 | 10213 | 58662                                          | 07001                             | 72508      | 75258 | 10214 | 58508                                          | 06301                             |  |                                               |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Göttingen                      | 176        | 444 | 63009 | 81026 | 10515 | 685--                                          | 06400                             | 73006      | 81299 | 10714 | 48503                                          | 09001                             |  | ---27                                         |                                               | 792--                                         |                                               |                                               |                                               |  |       |  |  |
| Braunlage                      | 607        | 452 | 52607 | 75256 | 10010 | 38401                                          | 08204                             | 72208      | 84172 | 09711 | 795--                                          | 07400                             |  |                                               |                                               | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Aachen                         | 202        | 501 | 73113 | 68808 | 13612 | 724--                                          | 07306                             | 52606      | 62018 | 13115 | 18541                                          | 09603                             |  |                                               |                                               | 794--                                         |                                               |                                               |                                               |  |       |  |  |
| Nürnberg                       | 627        | 510 | 62507 | 62298 | 12512 | 63400                                          | 07003                             | 82709      | 60258 | 14807 | 833--                                          | 06208                             |  |                                               |                                               | 795--                                         |                                               |                                               |                                               |  |       |  |  |
| Köln-Bonn, Flugh.              | 91         | 513 | 72509 | 61258 | 12814 | 385--                                          | 10502                             | 82610      | 68039 | 13115 | 785--                                          | 09003                             |  | ---28                                         |                                               | 794--                                         |                                               |                                               |                                               |  |       |  |  |
| Koblenz                        | 96         | 515 | 71905 | 60958 | 12916 | 794--                                          | 08802                             | 83608      | 70809 | 14413 | 734--                                          | 09314                             |  |                                               |                                               | 702--                                         |                                               |                                               |                                               |  |       |  |  |
| Marienberg                     | 547        | 526 | 62508 | 70018 | 10913 | 52431                                          | 07000                             | 72604      | 65029 | 12010 | 52460                                          | 06304                             |  |                                               |                                               | 791--                                         |                                               |                                               |                                               |  |       |  |  |
| Gießen                         | 182        | 532 | 52808 | 75012 | 10916 | 32531                                          | 09102                             | 72609      | 68029 | 11913 | 48531                                          | 08206                             |  |                                               |                                               | 700--                                         |                                               |                                               |                                               |  |       |  |  |
| Bad Hersfeld                   | 212        | 542 | 73008 | 70258 | 10817 | 32631                                          | 07802                             | 73008      | 70299 | 11913 | 48533                                          | 09306                             |  | ---29                                         |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Wasserkuppe □                  | 921        | 544 | 53008 | 68018 | 44109 | 48401                                          | 06103                             | 72613      | 62968 | 44610 | 694-3                                          | 06303                             |  | ---31                                         |                                               | 791--                                         |                                               |                                               |                                               |  |       |  |  |
| Trier-Petrisberg               | 265        | 609 | 72908 | 65178 | 13116 | 69502                                          | 07801                             | 73113      | 70299 | 13913 | 794--                                          | 08304                             |  | ---29                                         |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Deuselbach                     | 479        | 615 | 52511 | 80016 | 12714 | 52401                                          | 08003                             | 72714      | 59952 | 12214 | 734--                                          | 07704                             |  | ---34                                         |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Kl. Feldbach/Ts. □             | 805        | 635 | 83008 | 27278 | 45108 | 22233                                          | 08205                             | 83113      | 41808 | 45207 | 69203                                          | 06204                             |  | ---31                                         |                                               | 704--                                         |                                               |                                               |                                               |  |       |  |  |
| Frankfurt, Flugh.              | 112        | 637 | 63013 | 65256 | 12215 | 53541                                          | 08202                             | 63308      | 68258 | 12715 | 38582                                          | 08305                             |  |                                               |                                               | 702--                                         |                                               |                                               |                                               |  |       |  |  |
| Darmstadt                      | 133        | 639 | 42308 | 65258 | 12416 | 43501                                          | 08101                             | 72702      | 68259 | 12614 | 69562                                          | 08001                             |  |                                               |                                               | 702--                                         |                                               |                                               |                                               |  |       |  |  |
| Würzburg                       | 239        | 655 | 53008 | 68179 | 11116 | 59500                                          | 08105                             | 52607      | 75029 | 11813 | 58500                                          | 08303                             |  |                                               |                                               | 702--                                         |                                               |                                               |                                               |  |       |  |  |
| Bad Kissingen                  | 262        | 658 | 52506 | 72026 | 10915 | 59500                                          | 06304                             | 42307      | 73021 | 10517 | 21501                                          | 06801                             |  |                                               |                                               | 791--                                         |                                               |                                               |                                               |  |       |  |  |
| Coburg                         | 337        | 671 | 73007 | 66918 | 10713 | 795--                                          | 07003                             | 73105      | 80176 | 10515 | 59573                                          | 07301                             |  |                                               |                                               | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Bamberg                        | 239        | 675 | 70209 | 65298 | 11414 | 795--                                          | 10207                             | 53107      | 75019 | 11117 | 48601                                          | 09400                             |  |                                               |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Hof                            | 567        | 685 | 72504 | 65258 | 10311 | 785--                                          | 08104                             | 62509      | 70178 | 09913 | 69500                                          | 08101                             |  |                                               |                                               | 792--                                         |                                               |                                               |                                               |  |       |  |  |
| Weiden                         | 438        | 688 | 72606 | 70178 | 09913 | 59632                                          | 09000                             | 42709      | 70019 | 10514 | 22531                                          | 05307                             |  |                                               |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Beruf                          | 363        | 704 | 52711 | 67038 | 14314 | 53500                                          | 06104                             | 52714      | 75022 | 13516 | 52601                                          | 05708                             |  |                                               |                                               | 792--                                         |                                               |                                               |                                               |  |       |  |  |
| Tholey                         | 398        | 706 | 42908 | 68256 | 13512 | 32401                                          | 09104                             | 72707      | 70299 | 12914 | 69563                                          | 07803                             |  |                                               |                                               | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Soarbrücken-Ensheim, Flugh.    | 322        | 708 | 62709 | 60026 | 12615 | 53531                                          | 07000                             | 52512      | 65022 | 12217 | 52500                                          | 07502                             |  |                                               |                                               | 795--                                         |                                               |                                               |                                               |  |       |  |  |
| Neustadt/Weinstr.              | 163        | 723 | 62509 | 68018 | 13118 | 62601                                          | 06001                             | 42707      | 72019 | 12719 | 32662                                          | 06503                             |  |                                               |                                               | 791--                                         |                                               |                                               |                                               |  |       |  |  |
| Weinbiet/Weinstr.              | 553        | 724 | -2612 | 60--  | 14915 | -----                                          | 04001                             | -2614      | 60--  | 14716 | -----                                          | 04301                             |  |                                               |                                               | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Karlsruhe                      | 112        | 727 | 72311 | 65036 | 13217 | 635-1                                          | 09801                             | 62410      | 70916 | 13714 | 63400                                          | 08303                             |  |                                               |                                               | 701--                                         |                                               |                                               |                                               |  |       |  |  |
| Mannheim                       | 97         | 729 | 61707 | 59218 | 13216 | 63500                                          | 11304                             | 60105      | 65028 | 12318 | 62500                                          | 07806                             |  |                                               |                                               | 703--                                         |                                               |                                               |                                               |  |       |  |  |
| Stuttgart (Stadt)              | 305        | 737 | 42805 | 65026 | 13314 | 42530                                          | 06005                             | 72712      | 62151 | 12716 | 7356-                                          | 05504                             |  |                                               |                                               | 791--                                         |                                               |                                               |                                               |  |       |  |  |
| Stuttgart-Echterdingen, Flugh. | 396        | 738 | 52709 | 65258 | 13413 | 58470                                          | 07209                             | 62814      | 65031 | 12416 | 58601                                          | 05504                             |  |                                               |                                               | 795--                                         |                                               |                                               |                                               |  |       |  |  |
| Öhringen                       | 276        | 742 | 72706 | 60012 | 12714 | 784--                                          | 09208                             | 52707      | 65012 | 11817 | 38532                                          | 08005                             |  |                                               |                                               | 797--                                         |                                               |                                               |                                               |  |       |  |  |
| Weißenburg/Bay.                | 422        | 761 | 73011 | 67259 | 12211 | 794--                                          | 08211                             | 72610      | 68032 | 11016 | 725--                                          | 08803                             |  | ---28</                                       |                                               |                                               |                                               |                                               |                                               |  |       |  |  |

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| Station                        |      | 18 Uhr GMT |       |       |       |       |                                                             |                                   | 21 Uhr GMT |       |       |                                                             |                                   |       |       | Erdbodentemperatur |        |         |            |  |
|--------------------------------|------|------------|-------|-------|-------|-------|-------------------------------------------------------------|-----------------------------------|------------|-------|-------|-------------------------------------------------------------|-----------------------------------|-------|-------|--------------------|--------|---------|------------|--|
|                                |      | Höhe       | iii   | NdM   | VvWw  | PFIT  | N <sub>2</sub> O <sub>2</sub> C <sub>2</sub> H <sub>2</sub> | T <sub>0</sub> T <sub>0</sub> 999 | NdM        | VvWw  | PFIT  | N <sub>2</sub> O <sub>2</sub> C <sub>2</sub> H <sub>2</sub> | T <sub>0</sub> T <sub>0</sub> 999 |       |       | 13-18              | 18-21  | 21-24   | 5-10-20-50 |  |
| Helgoland                      | 4    | 015        | 62720 | 83028 | 08013 | 63402 | 10601                                                       |                                   | 62820      | 83028 | 08213 | 59402                                                       | 09302                             | 23-33 | 23-33 | 79614              | 13     | Uhr GMT |            |  |
| List                           | 26   | 020        | 42719 | 82018 | 06113 | 38501 | 08804                                                       |                                   | 62821      | 65800 | 06112 | 69432                                                       | 10500                             | 21-31 | 22-32 | 79715              |        |         |            |  |
| Schleswig                      | 43   | 035        | 72711 | 80258 | 06712 | 725-- | 08602                                                       |                                   | 52307      | 82158 | 06910 | 59530                                                       | 08302                             | ---   | 26    | 70116              | 183168 | 144134  |            |  |
| Kiel                           | 7    | 045        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 70117              | 213199 | 164147  |            |  |
| Norderney                      | 13   | 113        | 73025 | 75038 | 10013 | 42501 | 10612                                                       |                                   |            |       |       |                                                             |                                   | 29-31 |       | 70115              | 212190 | 174148  |            |  |
| Bremerhaven                    | 7    | 129        | 62711 | 80258 | 09212 | 68500 | 09301                                                       |                                   | 72514      | 73258 | 09911 | 794--                                                       | 10207                             | ---   | 28    | 70516              |        |         |            |  |
| Cuxhaven                       | 4    | 131        | 62713 | 82252 | 07813 | 52432 | 08400                                                       |                                   | 62915      | 75258 | 08012 | 52501                                                       | 09302                             | ---   | 30    | 79215              | 206195 | 168153  |            |  |
| Hamburg-Fuhlsbüttel, Flugh.    | 16   | 147        | 72612 | 82258 | 08414 | 53532 | 09001                                                       |                                   | 72510      | 81022 | 09211 | 58501                                                       | 09208                             | ---   | 25    | 70117              | 182176 | 157139  |            |  |
| Lübeck                         | 8    | 156        | 32511 | 80011 | 07614 | 38501 | 06101                                                       |                                   | 42409      | 75030 | 08011 | 48501                                                       | 08204                             | ---   | 27    | 70517              | 163156 | 145143  |            |  |
| Emden-Hafen                    | 6    | 203        | 62713 | 70818 | 10112 | 68500 | 10308                                                       |                                   | 72905      | 68808 | 10811 | 784--                                                       | 09207                             | ---   | 25    | 70515              | 175168 | 150146  |            |  |
| Bremen, Flugh.                 | 3    | 224        | 62612 | 56808 | 09413 | 59501 | 08500                                                       |                                   | 72609      | 68808 | 10210 | 784--                                                       | 09108                             | ---   | 28    | 79617              | 173162 | 152151  |            |  |
| Soltau                         | 77   | 235        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 70316              | 207187 | 165149  |            |  |
| Lüchow                         | 17   | 253        | 72506 | 65808 | 09212 | 69501 | 10206                                                       |                                   |            |       |       |                                                             |                                   |       |       | 70117              | 240213 | 173148  |            |  |
| Lingen                         | 21   | 305        | 53011 | 84258 | 11013 | 48501 | 06302                                                       |                                   |            |       |       |                                                             |                                   |       |       | 70217              | 204187 | 167145  |            |  |
| Münster                        | 63   | 313        | 52404 | 75258 | 12312 | 42431 | 10304                                                       |                                   | 32304      | 62011 | 13610 | 12501                                                       | 09212                             |       |       | 70216              | 174170 | 160150  |            |  |
| Osnabrück                      | 95   | 317        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   | ---   | 28    | 70417              | 199193 | 160144  |            |  |
| Gütersloh                      | 72   | 320        | 73207 | 65808 | 12111 | 794-- | 08303                                                       |                                   | 42508      | 60028 | 13310 | 38501                                                       | 09311                             |       |       | 70317              |        |         |            |  |
| Bad Salzungen                  | 98   | 325        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 70317              | 183185 | 175151  |            |  |
| Hannover-Longenhagen, Flugh.   | 56   | 338        | 72406 | 82258 | 10511 | 28532 | 10006                                                       |                                   | 62406      | 80018 | 11610 | 5853-                                                       | 09210                             | ---   | 27    | 70218              | 240210 | 179154  |            |  |
| Braunschweig-Völkenrode        | 81   | 348        | 72207 | 80618 | 10311 | 6857- | 08104                                                       |                                   |            |       |       |                                                             |                                   |       |       | 79417              | 200183 | 156139  |            |  |
| Berlin-Dahlem                  | 51   | 381        | 32706 | 82026 | 08416 | 19603 | 06301                                                       |                                   | 22806      | 65020 | 09812 | 20940                                                       | 08113                             |       |       | 70118              | 222210 | 184152  |            |  |
| Berlin-Tempelhof, Flugh.       | 50   | 384        | 22814 | 82038 | 08317 | 23643 | 06000                                                       |                                   | 32911      | 81010 | 09513 | 14703                                                       | 06311                             |       |       | 70218              | 225198 | 180---  |            |  |
| Düsseldorf, Flugh.             | 45   | 400        | 72711 | 65809 | 13612 | 4946- | 08501                                                       |                                   | 62406      | 62028 | 14912 | 657--                                                       | 10113                             | ---   | 32    | 70616              | 187161 | 148147  |            |  |
| Bocholt                        | 25   | 406        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 70516              | 194178 | 161148  |            |  |
| Essen                          | 154  | 410        | 72709 | 65029 | 13112 | 785-- | 08503                                                       |                                   | 62506      | 60022 | 14611 | 65700                                                       | 11214                             | ---   | 25    | 70515              | 171160 | 146145  |            |  |
| Kähler Asten                   | 835  | 427        | 73010 | 62289 | 43707 | 58231 | 06001                                                       |                                   | 92910      | 02608 | 44604 | 9----                                                       | 04116                             | ---   | 28    | 70611              | 123108 | 095097  |            |  |
| Bad Lippspringe                | 151  | 430        | 62207 | 75019 | 11912 | 21432 | 09101                                                       |                                   |            |       |       |                                                             |                                   | ---   | 29    | 70617              | 197188 | 166142  |            |  |
| Kassel                         | 231  | 438        | 83105 | 65618 | 10612 | 885-- | 07203                                                       |                                   | 72611      | 70606 | 12310 | 7567-                                                       | 06213                             |       |       | 79716              | ---172 | 153145  |            |  |
| Göttingen                      | 176  | 444        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 70716              | 200176 | 156154  |            |  |
| Braunlage                      | 607  | 452        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 70413              | 175146 | 125121  |            |  |
| Aachen                         | 202  | 501        | 73110 | 68038 | 14512 | 685-1 | 06311                                                       |                                   | 72405      | 62022 | 15811 | 757--                                                       | 07212                             |       |       | 70215              | 197176 | 149145  |            |  |
| Nürnberg                       | 627  | 510        | 72605 | 59258 | 13910 | 63301 | 08400                                                       |                                   |            |       |       |                                                             |                                   |       |       | 70312              | 157143 | 122119  |            |  |
| Köln-Bonn, Flugh.              | 91   | 513        | 72304 | 65259 | 13313 | 68511 | 08002                                                       |                                   | 72705      | 58029 | 15311 | 6557-                                                       | 10219                             | ---   | 28    | 70216              | 168159 | 151144  |            |  |
| Koblenz                        | 96   | 515        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 71316              |        |         |            |  |
| Marienberg                     | 547  | 526        | 62805 | 75019 | 12909 | 32460 | 06205                                                       |                                   | 82606      | 50252 | 14807 | 872--                                                       | 06213                             |       |       | 70214              | 148137 | 125129  |            |  |
| Gießen                         | 182  | 532        | 72709 | 74258 | 13312 | 55631 | 06314                                                       |                                   | 72509      | 66022 | 14811 | 755--                                                       | 06213                             | ---   | 32    | 70217              | 210187 | 160149  |            |  |
| Bad Hersfeld                   | 212  | 542        | 72707 | 68029 | 11814 | 33533 | 08500                                                       |                                   |            |       |       |                                                             |                                   | ---   | 29    | 70318              | ---185 | 167154  |            |  |
| Wasserkuppe                    | 921  | 544        | 82508 | 12109 | 44407 | 751-- | 07305                                                       |                                   | 92909      | 00458 | 45406 | 9----                                                       | 06212                             | ---   | 31    | 70311              | ---110 | 101099  |            |  |
| Trier-Petrisberg               | 265  | 609        | 73005 | 70299 | 14013 | 68401 | 11001                                                       |                                   | 73009      | 68252 | 16112 | 785-1                                                       | 06219                             | ---   | 29    | 70217              | 172164 | 153148  |            |  |
| Deuselbach                     | 479  | 615        | 72109 | 80179 | 14410 | 734-1 | 08312                                                       |                                   |            |       |       |                                                             |                                   | 23-34 |       | 70215              | 145131 | 124122  |            |  |
| Kl. Feldberg/Ts.               | 805  | 635        | 83012 | 43108 | 45207 | 64263 | 06500                                                       |                                   |            |       |       |                                                             |                                   | ---   | 31    | 70511              | ---120 | 113103  |            |  |
| Frankfurt, Flugh.              | 112  | 637        | 72308 | 67258 | 13412 | 48541 | 11005                                                       |                                   | 72005      | 67028 | 15011 | 32741                                                       | 10216                             |       |       | 70418              | 171175 | 176164  |            |  |
| Darmstadt                      | 133  | 639        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 70417              | 181168 | 159156  |            |  |
| Würzburg                       | 259  | 655        | 63308 | 75039 | 12214 | 54502 | 08205                                                       |                                   | 73302      | 68036 | 14511 | 5567-                                                       | 09219                             |       |       | 70216              | 173173 | 172170  |            |  |
| Bad Kissingen                  | 262  | 658        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 79218              | 204192 | 176161  |            |  |
| Coburg                         | 337  | 671        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 70117              | 190175 | 151155  |            |  |
| Bamberg                        | 239  | 675        | 63508 | 75259 | 12513 | 686-- | 10309                                                       |                                   |            |       |       |                                                             |                                   |       |       | 70117              | 167167 | 167171  |            |  |
| Hof                            | 567  | 685        | 52506 | 75179 | 10612 | 49501 | 07304                                                       |                                   | 32406      | 68019 | 13107 | 15631                                                       | 06212                             |       |       | 70113              | 158148 | 133133  |            |  |
| Weiden                         | 438  | 688        | 72808 | 80039 | 11213 | 68501 | 06205                                                       |                                   | 62304      | 70018 | 13411 | 15831                                                       | 06217                             |       |       | 70116              | 193172 | 144139  |            |  |
| Beruf                          | 363  | 704        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       |                    | 79516  | 176172  | 152144     |  |
| Tholey                         | 398  | 706        | 52511 | 75179 | 14012 | 39463 | 08308                                                       |                                   |            |       |       |                                                             |                                   | ---   | 39    | 70515              | 190162 | 140138  |            |  |
| Saarbrücken-Ensheim, Flugh.    | 322  | 708        | 52508 | 68019 | 13713 | 58501 | 08209                                                       |                                   | 52707      | 70021 | 16311 | 15731                                                       | 06222                             | ---   | 27    | 70217              | 177155 | 142135  |            |  |
| Neustadt/Weinstr.              | 163  | 723        |       |       |       |       |                                                             |                                   |            |       |       |                                                             |                                   |       |       | 79419              | 218198 | 173178  |            |  |
| Weinbiet/Weinstr.              | 553  | 724        | -2614 | 60--- | 17410 | ----- | 08309                                                       |                                   | -2816      | 60--- | 19209 | -----                                                       | 07215                             |       |       |                    |        |         |            |  |
| Karlsruhe                      | 112  | 727        | 72909 | 59959 | 15112 | 794-- | 10113                                                       |                                   | 72205      | 70039 | 16311 | 695-3                                                       | 09311                             |       |       | 70519              | 200191 | 183174  |            |  |
| Mannheim                       | 97   | 729        | 60305 | 70299 | 14911 | 3946- | 09323                                                       |                                   |            |       |       |                                                             |                                   |       |       | 70519              | 219190 | 174173  |            |  |
| Stuttgart (Stadt)              | 305  | 737        | 72709 | 61179 | 14415 | 6956- | 05215                                                       |                                   | 72303      | 58019 | 17110 | 62530                                                       | 09120                             | ---   | 32    | 79117              |        |         |            |  |
| Stuttgart-Echterdingen, Flugh. | 396  | 738        | 62606 | 60179 | 14113 | 59461 | 07211                                                       |                                   | 61803      | 59294 | 17189 | 49463                                                       | 08221                             | ---   | 28    | 70117              |        |         |            |  |
| Öhringen                       | 276  | 742        | 71602 | 60179 | 13711 | 59531 | 10312                                                       |                                   | 72401      | 60019 | 16309 | 5553-                                                       | 08223                             | ---   | 25    | 71417              | 203182 | 164166  |            |  |
| Weißenburg/Bay.                | 422  | 761        | 72711 | 64919 | 13811 | 794-- | 08217                                                       |                                   | 72510      | 64028 | 15810 | 785--                                                       | 07217                             |       |       | 70417              | 201190 | 173158  |            |  |
| Nürnberg, Flugh.               | 319  | 763        | 62511 | 75039 | 12114 | 48563 | 07208                                                       |                                   | 72206      | 63028 | 14611 | 5466-                                                       | 09220                             |       |       | 70816              | 186201 | 184164  |            |  |
| Regensburg                     | 376  | 776        | 32906 | 80299 | 11914 | 32400 | 11107                                                       |                                   | 72805      | 70021 | 15011 | 25672                                                       | 08324                             | ---   | 31    | 70218              | 200181 | 169168  |            |  |
| Gr. Falkenstein                | 1307 | 791        | 63011 | 20418 | 44805 | 62100 | 05208                                                       |                                   | 72710      | 40414 | 46205 | 721--                                                       | 04215                             |       |       | 70208              |        |         |            |  |
| Freiburg                       | 269  | 803        | 72316 | 64019 | 16114 | 28631 | 09104                                                       |                                   | 72005      | 82018 | 18611 | 58531                                                       | 09220                             | ---   | 25    | 71715              | 184176 | 163165  |            |  |
| Freudenstadt                   | 797  | 815        | 52406 | 65298 | 47508 | 59432 | 07207                                                       |                                   |            |       |       |                                                             |                                   |       |       | 70511              | 145137 | 127130  |            |  |
| Klippenack                     | 973  | 818        | 72509 | 65808 | 47407 | 69263 | 06204                                                       |                                   |            |       |       |                                                             |                                   |       |       | 70410              | 164130 | 120125  |            |  |
| Stötten                        | 734  | 836        | 72510 | 62179 | 15009 | 69363 | 06308                                                       |                                   | 82509      | 25609 | 18007 | 880--                                                       | 06222                             | ---   | 27    | 70812              | 167160 | 140134  |            |  |
| Ulm                            | 522  | 838        | 73108 | 63958 | 14113 | 795-3 | 06309                                                       |                                   |            |       |       |                                                             |                                   |       |       | 70315              | 160162 | 155154  |            |  |
| Augsburg                       | 477  | 852        | 72707 | 62178 | 14311 | 59533 | 08212                                                       |                                   | 82808      | 58619 | 17209 | 856--                                                       | 07222                             | ---   | 26    | 70514              | 182163 | 151149  |            |  |
| München-Riem, Flugh.           | 530  | 866        | 72413 | 58958 | 15009 | 694-- | 07211                                                       |                                   | 82311      | 62804 | 17209 | 884--                                                       | 07220                             | ---   | 34    | 70513              | 218184 | 159144  |            |  |
| Mühldorf                       | 401  | 875        | 42405 | 65019 | 12812 | 32530 | 10103                                                       |                                   |            |       |       |                                                             |                                   |       |       | 71014              | 227201 | 174168  |            |  |
| Passau                         | 409  | 893        | 52506 | 66019 | 11612 | 24761 | 09107                                                       |                                   | 82704      | 65028 | 14710 | 5552-                                                       | 08326                             |       |       | 70414              | 208184 | 155149  |            |  |
| Feldberg/Schw.                 | 1486 | 908        | 72417 | 30419 | 48603 | 62-3  | 03206                                                       |                                   | 82815      | 65258 | 49702 | 6551-                                                       | 02212                             |       |       | 70804              |        |         |            |  |
| Konstanz                       | 443  | 929        | 32109 | 75019 | 16712 | 19563 | 08208                                                       |                                   | 72208      | 75131 | 19210 | 69543                                                       | 07219                             | ---   | 26    | 70315              | 24120  |         |            |  |

# Europäischer Wetterbericht

**Amtsblatt des Deutschen Wetterdienstes**

## Beilage 2

AEROLOGISCHE WETTERMELDUNGEN

Jahrgang 5

Freitag, den 27. Juni 1980

Nummer 179

## Radiosondenmessungen

| Station                   | Schleswig                                    |     |                               |       | Hannover                                     |      |                               |       | Essen                                        |     |                               |       | Stuttgart                                    |      |                               |       | München                                      |     |                               |       | Berlin                                       |      |                               |       |                                              |     |                               |       |  |  |
|---------------------------|----------------------------------------------|-----|-------------------------------|-------|----------------------------------------------|------|-------------------------------|-------|----------------------------------------------|-----|-------------------------------|-------|----------------------------------------------|------|-------------------------------|-------|----------------------------------------------|-----|-------------------------------|-------|----------------------------------------------|------|-------------------------------|-------|----------------------------------------------|-----|-------------------------------|-------|--|--|
| YYGG                      | 2712                                         |     |                               |       | 2712                                         |      |                               |       | 2712                                         |     |                               |       | 2712                                         |      |                               |       | 2712                                         |     |                               |       | 2712                                         |      |                               |       |                                              |     |                               |       |  |  |
|                           | HHHH                                         | TT  | T <sub>d</sub> T <sub>d</sub> | ddfff | HHHH                                         | TT   | T <sub>d</sub> T <sub>d</sub> | ddfff | HHHH                                         | TT  | T <sub>d</sub> T <sub>d</sub> | ddfff | HHHH                                         | TT   | T <sub>d</sub> T <sub>d</sub> | ddfff | HHHH                                         | TT  | T <sub>d</sub> T <sub>d</sub> | ddfff | HHHH                                         | TT   | T <sub>d</sub> T <sub>d</sub> | ddfff | HHHH                                         | 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 |  |  |
| 10                        |                                              |     |                               |       |                                              |      |                               |       | 3173                                         | -42 | 10                            | 21    | 3171                                         | -41  | 09                            | 19    | 3154                                         | -46 |                               | 09    | 21                                           | 2708 | -43                           |       | 10                                           | 17  |                               |       |  |  |
| 20                        |                                              |     |                               |       |                                              |      |                               |       | 2706                                         | -45 | 09                            | 18    | 2704                                         | -45  | 09                            | 16    | 2695                                         | -50 |                               | 09    | 17                                           | 2436 | -46                           |       | 09                                           | 11  |                               |       |  |  |
| 30                        | 2434                                         | -46 |                               | 10    | 15                                           |      |                               |       | 2437                                         | -48 | 04                            | 09    | 2434                                         | -48  | 09                            | 13    | 2431                                         | -51 |                               | 08    | 11                                           | 2098 | -48                           |       | 09                                           | 04  |                               |       |  |  |
| 50                        | 2097                                         | -48 |                               | 09    | 02                                           |      |                               |       | 2101                                         | -48 | 28                            | 02    | 2099                                         | -49  | 35                            | 03    | 2099                                         | -51 |                               | 08    | 04                                           | 1876 | -48                           |       | 20                                           | 05  |                               |       |  |  |
| 70                        | 1875                                         | -48 |                               | 16    | 05                                           |      |                               |       | 1879                                         | -48 | 28                            | 05    | 1877                                         | -49  | 27                            | 12    | 1878                                         | -51 |                               | 26    | 15                                           | 1638 | -46                           | -70   | 24                                           | 07  |                               |       |  |  |
| 100                       | 1638                                         | -46 |                               | 24    | 02                                           | 1639 | -46                           |       | 1642                                         | -46 | 30                            | 14    | 1641                                         | -46  | 26                            | 19    | 1643                                         | -47 |                               | 25    | 23                                           | 1367 | -44                           | -68   | 24                                           | 13  |                               |       |  |  |
| 150                       | 1366                                         | -44 |                               | 30    | 02                                           | 1367 | -43                           |       | 1371                                         | -43 | 30                            | 14    | 1371                                         | -44  | 28                            | 22    | 1373                                         | -44 |                               | 26    | 30                                           | 1172 | -42                           | -64   | 25                                           | 15  |                               |       |  |  |
| 200                       | 1172                                         | -42 |                               | 28    | 09                                           | 1173 | -42                           | -45   | 1175                                         | -42 | -56                           | 30    | 22                                           | 1176 | -42                           | -54   | 28                                           | 30  | 1179                          | -42   | -52                                          | 26   | 32                            | 1022  | -46                                          | -61 | 24                            | 22    |  |  |
| 250                       | 1020                                         | -43 |                               | 28    | 10                                           | 1022 | -43                           | -47   | 1024                                         | -45 | -53                           | 30    | 26                                           | 1026 | -45                           | -53   | 27                                           | 24  | 1029                          | -45   | -51                                          | 25   | 30                            | 0902  | -52                                          | -60 | 23                            | 28    |  |  |
| 300                       | 0898                                         | -50 |                               | 25    | 19                                           | 0900 | -49                           | -52   | 0902                                         | -48 | -51                           | 30    | 27                                           | 0905 | -50                           | -55   | 28                                           | 15  | 0908                          | -52   | -54                                          | 20   | 22                            | 0710  | -37                                          | -50 | 23                            | 19    |  |  |
| 400                       | 0706                                         | -38 | -40                           | 26    | 15                                           | 0708 | -38                           | -42   | 0710                                         | -38 | -40                           | 27    | 26                                           | 0712 | -37                           | -42   | 27                                           | 11  | 0715                          | -36   | -39                                          | 22   | 25                            | 0551  | -24                                          | -31 | 23                            | 16    |  |  |
| 500                       | 0547                                         | -26 | -29                           | 26    | 15                                           | 0550 | -26                           | -30   | 0553                                         | -25 | -26                           | 27    | 22                                           | 0554 | -25                           | -29   | 28                                           | 13  | 0556                          | -24   | -26                                          | 28   | 15                            | 0297  | -6                                           | -10 | 27                            | 16    |  |  |
| 700                       | 0293                                         | -8  | -17                           | 27    | 21                                           | 0297 | -8                            | -13   | 0299                                         | -6  | -7                            | 27    | 15                                           | 0300 | -8                            | -8    | 30                                           | 14  | 0300                          | -6    | -7                                           | 29   | 16                            | 0142  | 3                                            | 1   | 30                            | 15    |  |  |
| 850                       | 0139                                         | 2   | -1                            | 27    | 20                                           | 0143 | 3                             | -1    | 0145                                         | 2   | 0                             | 26    | 32                                           | 0146 | 3                             | 1     | 30                                           | 16  | 0145                          | 4     | 1                                            | 30   | 26                            | 0008  | 13                                           | 9   | 32                            | 08    |  |  |
| 1000                      | 0006                                         | 14  | 8                             | 27    | 16                                           | 0008 | 15                            | 7     | 0011                                         |     |                               |       |                                              | 0011 |                               |       |                                              |     | 0010                          |       |                                              |      |                               |       |                                              |     |                               |       |  |  |
| M a r k e n s p u n k t e |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 008  | -20                           |       | 09                                           | 27  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 053  | -49                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 054  |                               |       | 10                                           | 02  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 056  |                               |       | 11                                           | 01  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 059  |                               |       | 21                                           | 01  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 062  |                               |       | 22                                           | 02  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 067  | -47                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 068  | -48                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 072  |                               |       | 20                                           | 05  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 080  | -46                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 082  | -47                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 091  |                               |       | 25                                           | 05  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 093  | -45                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 099  | -46                           | -70   |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 120  |                               |       | 23                                           | 11  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 128  | -44                           | -70   |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 144  | -45                           | -69   |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 158  | -43                           | -67   |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 188  | -42                           | -65   |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 202  |                               |       | 25                                           | 15  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 223  | -43                           | -64   |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 287  | -52                           | -61   |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 301  | -52                           | -60   | 23                                           | 28  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              | 329  |                               |       | 23                                           | 31  |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 408                                          | -36  | -49                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 444                                          | -32  | -38                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 527                                          | -21  | -28                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 544                                          |      |                               | 24    | 16                                           |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 594                                          | -15  | -18                           |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 600                                          |      |                               | 25    | 16                                           |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 730                                          | -4   | -9                            |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 742                                          | -4   | -5                            |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 800                                          | -1   | -1                            | 29    | 15                                           |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 856                                          |      |                               | 30    | 15                                           |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 859                                          | 4    | 1                             |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 900                                          |      |                               | 30    | 14                                           |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 928                                          | 7    | 6                             |       |                                              |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 963                                          |      |                               | 28    | 11                                           |     |                               |       |  |  |
|                           |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       | 004                                          | 14   | 9                             | 32    | 08                                           |     |                               |       |  |  |
| Tropopause                | 320 -50 -52 25 17                            |     |                               |       | 307 -50 -54                                  |      |                               |       | 325 -50 -52 30 30                            |     |                               |       | 308 -51 -56 28 13                            |      |                               |       | 302 -52 -54 20 22                            |     |                               |       | 301 -52 -60 23 28                            |      |                               |       |                                              |     |                               |       |  |  |
| Max-wind                  |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |                                              |      |                               |       |                                              |     |                               |       |  |  |
| 30/50                     | 0337                                         |     |                               |       |                                              |      |                               |       | 0336                                         |     |                               |       | 0335                                         |      |                               |       | 0332                                         |     |                               |       | 0338                                         |      |                               |       |                                              |     |                               |       |  |  |
| 50/100                    | 0459                                         |     |                               |       |                                              |      |                               |       | 0459                                         |     |                               |       | 0458                                         |      |                               |       | 0456                                         |     |                               |       | 0460                                         |      |                               |       |                                              |     |                               |       |  |  |
| 100/200                   | 0466                                         |     |                               |       |                                              |      |                               |       | 0467                                         |     |                               |       | 0465                                         |      |                               |       | 0464                                         |     |                               |       | 0466                                         |      |                               |       |                                              |     |                               |       |  |  |
| 200/300                   | 0625                                         |     |                               |       |                                              |      |                               |       | 0622                                         |     |                               |       | 0622                                         |      |                               |       | 0623                                         |     |                               |       | 0621                                         |      |                               |       |                                              |     |                               |       |  |  |
| 500/1000                  | 0541                                         |     |                               |       |                                              |      |                               |       | 0542                                         |     |                               |       | 0543                                         |      |                               |       | 0546                                         |     |                               |       | 0543                                         |      |                               |       |                                              |     |                               |       |  |  |

## Höhenwinde

[illegible]

# Europäischer Wetterbericht

Amteblatt des Deutschen Wetterdienstes

AEROLOGISCHE WETTERMELDUNGEN

Beilage 2

Jahrgang 5

Freitag, den 27. Juni 1980

Nummer 179

| Radiosondenmessungen |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|----------------------|------|----------------------------------------------|---------|----------------|----------------|----------|----------------------------------------------|---------|----------------|----------------|-------|----------------------------------------------|---------|----------------|----------------|-------|----------------------------------------------|---------|----------------|----------------|-------|----------------------------------------------|----|----------------|----------------|-------|----------------------------------------------|----|----------------|----------------|-------|--|
| Station              |      | Schleswig                                    |         |                |                | Hannover |                                              |         |                | Essen          |       |                                              |         | Stuttgart      |                |       |                                              | München |                |                |       | Berlin                                       |    |                |                |       |                                              |    |                |                |       |  |
| YGG                  |      | 2700                                         |         |                |                | 2700     |                                              |         |                | 2700           |       |                                              |         | 2700           |                |       |                                              | 2700    |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
| mb                   |      | HHHH                                         | TT      | T <sub>d</sub> | T <sub>d</sub> | ddfff    | HHHH                                         | TT      | T <sub>d</sub> | T <sub>d</sub> | ddfff | HHHH                                         | TT      | T <sub>d</sub> | T <sub>d</sub> | ddfff | HHHH                                         | TT      | T <sub>d</sub> | T <sub>d</sub> | ddfff | HHHH                                         | TT | T <sub>d</sub> | T <sub>d</sub> | ddfff | HHHH                                         | 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 |  |
| Markante Punkte      | 10   | 3176                                         | -40     | 08             | 15             |          | 3167                                         | -46     |                |                |       | 3174                                         | -38     | 08             | 22             |       | 3163                                         | -42     | 09             | 19             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 20   | 2708                                         | -45     | 07             | 23             |          | 2706                                         | -47     |                |                |       | 2704                                         | -45     | 08             | 28             |       | 2698                                         | -47     | 09             | 22             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 30   | 2437                                         | -47     | 08             | 12             |          | 2438                                         | -47     |                |                |       | 2435                                         | -48     | 09             | 20             |       | 2432                                         | -50     | 09             | 14             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 50   | 2100                                         | -47     | 09             | 04             |          | 2100                                         | -48     |                |                |       | 2098                                         | -47     | 22             | 08             |       | 2097                                         | -49     | 10             | 05             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 70   | 1876                                         | -46     | 20             | 03             |          | 1878                                         | -47     |                |                |       | 1876                                         | -47     | 26             | 04             |       | 1876                                         | -49     | 25             | 09             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 100  | 1638                                         | -46     | 18             | 03             |          | 1641                                         | -45     |                |                |       | 1639                                         | -46     | 28             | 04             |       | 1640                                         | -48     | 26             | 14             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 150  | 1366                                         | -44     | 26             | 03             |          | 1369                                         | -44     |                |                |       | 1368                                         | -45     | 29             | 14             |       | 1371                                         | -45     | 26             | 25             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 200  | 1171                                         | -41     | 24             | 08             |          | 1176                                         | -43 -49 |                |                |       | 1174                                         | -43 -59 | 28             | 16             |       | 1177                                         | -43 -58 | 26             | 30             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 250  | 1020                                         | -44     | 26             | 13             |          | 1026                                         | -47 -51 |                |                |       | 1024                                         | -46 -54 | 27             | 19             |       | 1027                                         | -47 -55 | 25             | 26             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 300  | 0899                                         | -52 -59 | 28             | 17             |          | 0906                                         | -50 -52 |                |                |       | 0904                                         | -51 -53 | 25             | 22             |       | 0908                                         | -51 -56 | 22             | 35             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 400  | 0707                                         | -37 -45 | 25             | 21             |          | 0713                                         | -36 -38 |                |                |       | 0711                                         | -37 -43 | 27             | 20             |       | 0714                                         | -36 -44 | 23             | 20             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 500  | 0549                                         | -25 -34 | 26             | 22             |          | 0553                                         | -22 -25 |                |                |       | 0552                                         | -24 -30 | 28             | 15             |       | 0555                                         | -23 -29 | 24             | 15             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 700  | 0295                                         | -7 -11  | 26             | 19             |          | 0297                                         | -6 -6   |                |                |       | 0298                                         | -7 -8   | 29             | 13             |       | 0299                                         | -6 -6   | 29             | 11             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 850  | 0141                                         | 2 -1    | 27             | 19             |          | 0141                                         | 3 1     |                |                |       | 0143                                         | 3 1     | 31             | 14             |       | 0144                                         | 5 4     | 29             | 11             |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      | 1000 | 0007                                         | 10 8    | 24             | 07             |          | 0008                                         | 11 9    |                |                |       | 0009                                         |         |                |                |       | 0009                                         |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |
|                      |      |                                              |         |                |                |          |                                              |         |                |                |       |                                              |         |                |                |       |                                              |         |                |                |       |                                              |    |                |                |       |                                              |    |                |                |       |  |