

**BUFR TABLES B**  
(Version 1 - originating center 41)

| TABLE<br>REFERENCE |    |     | TABLE<br>ELEMENT NAME                 | BUFR          |       |                    |                         |
|--------------------|----|-----|---------------------------------------|---------------|-------|--------------------|-------------------------|
|                    |    |     |                                       | UNIT<br>SCALE | SCALE | REFERENCE<br>VALUE | DATA<br>WIDTH<br>(Bits) |
| F                  | X  | Y   |                                       |               |       |                    |                         |
| 0                  | 1  | 192 | Type of station identifier            | CCITT IA5     | 0     | 0                  | 24                      |
| 0                  | 1  | 193 | Station identifier                    | CCITT IA5     | 0     | 0                  | 128                     |
| 0                  | 2  | 137 | Antenna elevation                     | Degree        | 2     | -9000              | 15                      |
| 0                  | 2  | 181 | Supplementary present weather sensor  | Flag-Table    | 0     | 0                  | 21                      |
| 0                  | 2  | 193 | Antenna rotation direction            | Code-Table    | 0     | 0                  | 2                       |
| 0                  | 7  | 192 | Pixel size in Z-direction             | Meters        | -1    | 0                  | 16                      |
| 0                  | 21 | 36  | Radar rainfall intensity              | mm*h-1        | 2     | 0                  | 16                      |
| 0                  | 21 | 198 | dBZ-value offset (Alpha)              | dBZ           | 2     | -6400              | 14                      |
| 0                  | 21 | 199 | dBZ-value increment (Beta)            | dBZ           | 1     | 0                  | 7                       |
| 0                  | 21 | 200 | Height of CAPPI                       | m             | 0     | -1000              | 15                      |
| 0                  | 21 | 201 | Range-bin size                        | Meter         | 0     | 0                  | 14                      |
| 0                  | 21 | 202 | Azimuthal resolution                  | Degree        | 1     | 0                  | 8                       |
| 0                  | 21 | 203 | Range-bin offset                      | Meter         | -1    | 0                  | 14                      |
| 0                  | 21 | 204 | Azimuth offset                        | Degree        | 1     | 0                  | 12                      |
| 0                  | 21 | 205 | V-value offset (av)                   | m/s           | 2     | -16384             | 15                      |
| 0                  | 21 | 206 | V-value increment (bv)                | m/s           | 2     | 0                  | 8                       |
| 0                  | 21 | 207 | W-value offset (aw)                   | m/s           | 2     | 0                  | 14                      |
| 0                  | 21 | 208 | W-value increment (bw)                | m/s           | 2     | 0                  | 8                       |
| 0                  | 25 | 192 | Accumulation method                   | Code-Table    | 0     | 0                  | 8                       |
| 0                  | 25 | 193 | Adjustment factor                     | Numeric       | 2     | 0                  | 10                      |
| 0                  | 29 | 192 | Type of rotation ellipsoid            | Code-Table    | 0     | 0                  | 3                       |
| 0                  | 29 | 193 | Long Origin                           | Degree        | 2     | -18000             | 16                      |
| 0                  | 29 | 194 | Lat Origin                            | Degree        | 2     | -9000              | 15                      |
| 0                  | 29 | 195 | X-Offset                              | Meters        | 0     | -33554432          | 26                      |
| 0                  | 29 | 196 | Y-Offset                              | Meters        | 0     | -33554432          | 26                      |
| 0                  | 29 | 197 | Standard parallel 1                   | Degree        | 2     | -9000              | 15                      |
| 0                  | 29 | 198 | Standard parallel 2                   | Degree        | 2     | -9000              | 15                      |
| 0                  | 29 | 199 | Semi-major axis of rotation ellipsoid | Meters        | 0     | 0                  | 26                      |
| 0                  | 29 | 200 | Semi-minor axis of rotation ellipsoid | Meters        | 0     | 0                  | 26                      |
| 0                  | 29 | 201 | Projection type                       | Code-Table    | 0     | 0                  | 5                       |

| TABLE<br>REFERENCE |    |     | TABLE<br>ELEMENT NAME                               | BUFR          |       |                    |                         |
|--------------------|----|-----|---|---------------|-------|--------------------|-------------------------|
|                    |    |     |   | UNIT<br>SCALE | SCALE | REFERENCE<br>VALUE | DATA<br>WIDTH<br>(Bits) |
| F                  | X  | Y   |   |               |       |                    |                         |
| 0                  | 29 | 202 | Azimuth of initial line                             | Degree        | 2     | -9000              | 15                      |
| 0                  | 29 | 203 | Long Origin   | Degree        | 5     | -18000000          | 26                      |
| 0                  | 29 | 204 | Lat Origin  | Degree        | 5     | -9000000           | 25                      |
| 0                  | 29 | 205 | Geographic projection as PROJ initialization string | CCITT IA5     | 0     | 0                  | 800                     |
| 0                  | 30 | 192 | North south view organisation                       | Code-Table    | 0     | 0                  | 3                       |
| 0                  | 30 | 193 | East west view organisation                         | Code-Table    | 0     | 0                  | 3                       |
| 0                  | 30 | 194 | Number of bins along the radial                     | Numeric       | 0     | 0                  | 12                      |
| 0                  | 30 | 195 | Number of azimuths                                  | Numeric       | 0     | 0                  | 11                      |
| 0                  | 30 | 196 | Type of product                                     | Code-Table    | 0     | 0                  | 8                       |
| 0                  | 30 | 197 | Compression method                                  | Code-Table    | 0     | 0                  | 8                       |
| 0                  | 30 | 198 | Byte element of a compressed array                  | Numeric       | 0     | 0                  | 8                       |