

**BUFR TABLES D**  
(Version 1 - originating center 65535)

| TABLE<br>REFERENCE |    |     | TABLE<br>REFERENCES |    |    | ELEMENT NAME   |
|--------------------|----|-----|---------------------|----|----|--|
| F                  | X  | Y   |                     |    |    |  |
|                    |    |     |                     |    |    | <i>General information about radar product</i>         |
| 3                  | 1  | 192 | 3                   | 1  | 11 | Date of observation                                    |
|                    |    |     | 3                   | 1  | 12 | Time of observation                                    |
|                    |    |     | 3                   | 1  | 23 | Latitude/longitude of top left corner of the image     |
|                    |    |     | 3                   | 1  | 23 | Latitude/longitude of top right corner of the image    |
|                    |    |     | 3                   | 1  | 23 | Latitude/longitude of bottom right corner of the image |
|                    |    |     | 3                   | 1  | 23 | Latitude/longitude of bottom left corner of the image  |
|                    |    |     | 0                   | 29 | 1  | Projection type  |
|                    |    |     | 0                   | 5  | 2  | Latitude of radar                                      |
|                    |    |     | 0                   | 5  | 2  | Latitude of radar                                      |
|                    |    |     | 0                   | 5  | 33 | Pixel size on horizontal between columns               |
|                    |    |     | 0                   | 6  | 33 | Pixel size on horizontal between rows                  |
|                    |    |     | 0                   | 30 | 21 | Number of pixels per row                               |
|                    |    |     | 0                   | 30 | 22 | Number of pixels per column                            |
|                    |    |     |                     |    |    | <i>Heights of side view</i>                            |
| 3                  | 13 | 192 | 1                   | 1  | 0  | Delayed replication of 1 descriptor                    |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 0                   | 10 | 7  | Height of side view                                    |
|                    |    |     |                     |    |    | <i>List of radars included in a composite</i>          |
| 3                  | 21 | 13  | 1                   | 4  | 0  | Delayed replication of 1 descriptor                    |
|                    |    |     | 0                   | 31 | 1  | Replication factor                                     |
|                    |    |     | 0                   | 1  | 1  | WMO block number                                       |
|                    |    |     | 0                   | 1  | 2  | WMO station number                                     |
|                    |    |     | 0                   | 31 | 31 | Data present indicator                                 |
|                    |    |     | 0                   | 33 | 3  | Quality information                                    |
|                    |    |     |                     |    |    | <i>4 bit per pixel radar images (top view)</i>         |
| 3                  | 21 | 192 | 1                   | 10 | 0  | Delayed replication of 10 descriptors                  |
|                    |    |     | 0                   | 31 | 2  | Extended delayed descriptor replication factor         |
|                    |    |     | 0                   | 5  | 31 | Row number   |
|                    |    |     | 1                   | 7  | 0  | Delayed replication of 7 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 1                   | 2  | 0  | Delayed replication of 2 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Replication factor                                     |
|                    |    |     | 0                   | 31 | 12 | Extended delayed descriptor and data repetition factor |
|                    |    |     | 0                   | 30 | 1  | Pixel value (4 bit)                                    |
|                    |    |     | 1                   | 1  | 0  | Delayed replication of 1 descriptor                    |
|                    |    |     | 0                   | 31 | 1  | Replication factor                                     |
|                    |    |     | 0                   | 30 | 1  | Pixel value (4 bit)                                    |
|                    |    |     |                     |    |    | <i>8 bit per pixel radar images (top view)</i>         |
| 3                  | 21 | 193 | 1                   | 10 | 0  | Delayed replication of 10 descriptors                  |
|                    |    |     | 0                   | 31 | 2  | Extended delayed descriptor replication factor         |
|                    |    |     | 0                   | 5  | 31 | Row number   |
|                    |    |     | 1                   | 7  | 0  | Delayed replication of 7 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 1                   | 2  | 0  | Delayed replication of 2 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 0                   | 31 | 12 | Extended delayed descriptor and data repetition factor |
|                    |    |     | 0                   | 30 | 2  | Pixel value (8 bit)                                    |

| TABLE<br>REFERENCE |    |     | TABLE<br>REFERENCES |    |    | ELEMENT NAME   |
|--------------------|----|-----|---------------------|----|----|--|
| F                  | X  | Y   |                     |    |    |  |
|                    |    |     | 1                   | 1  | 0  | Delayed replication of 1 descriptor                    |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 0                   | 30 | 2  | Pixel value (8 bit)                                    |
|                    |    |     |                     |    |    | <b>4 bit per pixel radar image (north-south view)</b>  |
| 3                  | 21 | 194 | 1                   | 10 | 0  | Delayed replication of 1 descriptor                    |
|                    |    |     | 0                   | 31 | 2  | Extended delayed descriptor replication factor         |
|                    |    |     | 0                   | 5  | 31 | Row number   |
|                    |    |     | 1                   | 7  | 0  | Delayed replication of 7 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 1                   | 2  | 0  | Delayed replication of 2 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Replication factor                                     |
|                    |    |     | 0                   | 31 | 12 | Extended delayed descriptor and data repetition factor |
|                    |    |     | 0                   | 30 | 1  | Pixel value (4 bit)                                    |
|                    |    |     | 1                   | 1  | 0  | Delayed replication of 1 descriptor                    |
|                    |    |     | 0                   | 31 | 1  | Replication factor                                     |
|                    |    |     | 0                   | 30 | 1  | Pixel value (4 bit)                                    |
|                    |    |     |                     |    |    | <b>8 bit per pixel radar image (north-south view)</b>  |
| 3                  | 21 | 195 | 1                   | 10 | 0  | Delayed replication of 10 descriptors                  |
|                    |    |     | 0                   | 31 | 2  | Extended delayed descriptor replication factor         |
|                    |    |     | 0                   | 5  | 31 | Row number   |
|                    |    |     | 1                   | 7  | 0  | Delayed replication of 7 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 1                   | 2  | 0  | Delayed replication of 2 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 0                   | 31 | 12 | Extended delayed descriptor and data repetition factor |
|                    |    |     | 0                   | 30 | 2  | Pixel value (8 bit)                                    |
|                    |    |     | 1                   | 1  | 0  | Delayed replication of 1 descriptor                    |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 0                   | 30 | 2  | Pixel value (8 bit)                                    |
|                    |    |     |                     |    |    | <b>4 bit per pixel radar image (east-west view)</b>    |
| 3                  | 21 | 196 | 1                   | 10 | 0  | Delayed replication of 10 descriptors                  |
|                    |    |     | 0                   | 31 | 2  | Extended delayed descriptor replication factor         |
|                    |    |     | 0                   | 5  | 31 | Row number   |
|                    |    |     | 1                   | 7  | 0  | Delayed replication of 7 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 1                   | 2  | 0  | Delayed replication of 2 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 0                   | 31 | 12 | Extended delayed descriptor and data repetition factor |
|                    |    |     | 0                   | 30 | 1  | Pixel value (4 bit)                                    |
|                    |    |     | 1                   | 1  | 0  | Delayed replication of 1 descriptor                    |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 0                   | 30 | 1  | Pixel value (4 bit)                                    |
|                    |    |     |                     |    |    | <b>8 bit per pixel radar image (east-west view)</b>    |
| 3                  | 21 | 197 | 1                   | 10 | 0  | Delayed replication of 10 descriptors                  |
|                    |    |     | 0                   | 31 | 2  | Extended delayed descriptor replication factor         |
|                    |    |     | 0                   | 5  | 31 | Row number   |
|                    |    |     | 1                   | 7  | 0  | Delayed replication of 7 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 1                   | 2  | 0  | Delayed replication of 2 descriptors                   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor                  |
|                    |    |     | 0                   | 31 | 12 | Extended delayed descriptor and data repetition factor |
|                    |    |     | 0                   | 30 | 2  | Pixel value (8 bit)                                    |
|                    |    |     | 1                   | 1  | 0  | Delayed replication of 1 descriptor                    |

I.2 BUFR Table D - 2

| TABLE<br>REFERENCE |    |     | TABLE<br>REFERENCES |    |    | ELEMENT NAME                                  |
|--------------------|----|-----|---------------------|----|----|---|
| F                  | X  | Y   |                     |    |    |   |
|                    |    |     | 0                   | 31 | 1  | Delayed descriptor replication factor         |
|                    |    |     | 0                   | 30 | 2  | Pixel value (8 bit)                           |
|                    |    |     |                     |    |    | <i>List of radars included in a composite</i> |
| 3                  | 21 | 250 | 1                   | 4  | 0  | Delayed replication of 1 descriptor           |
|                    |    |     | 0                   | 31 | 1  | Replication factor                            |
|                    |    |     | 0                   | 1  | 1  | WMO block number                              |
|                    |    |     | 0                   | 1  | 2  | WMO station number                            |
|                    |    |     | 0                   | 31 | 31 | Data present indicator                        |
|                    |    |     | 0                   | 33 | 3  | Quality information                           |