**Part IV: Radiometeorological data**

TABLE IV-11 – *Statistics of Rain Cell Characteristics Parameters [[1]](#footnote-1)+*

Measurement country(1) \_ \_

Meteorological radar

Maximum height (km) \_ \_

Spatial Horizontal Resolution (km) \_\_

Measurement

Start date (yyyy.mm.dd) \_ \_ \_ \_ .\_ \_ .\_ \_

End date (yyyy.mm.dd) \_ \_ \_ \_ .\_ \_ .\_ \_

Measurement interval (min) \_ \_

Coverage region(2)

Coverage region (latitude) From \_ \_ \_ (deg) to \_ \_ \_ (deg)

(longitude): From \_ \_ \_ (deg) to \_ \_ \_ (deg)

Coverage area (km2) \_ \_ \_ \_

Parameters for rain cell analysis

Conversion equation \_ \_ \_ \_

Definition of rain cell:

Number of representative rain cells averaged for given rain rate at each rain event \_ \_

**Table :**

Radar Reflectivity (dBZ)

Rain Rate (mm/h)

Height (km)

Rain cell radius for given radar reflectivity and rain rate at each height (km)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Radar Reflectivity (dBZ) | | Min. Refl. |  |  |  |  |  |  |  |  |  |  | Max. Refl. |
| Rain Rate (mm/h) | | Min. RR. |  |  |  |  |  |  |  |  |  |  | Max. RR |
| height (km) | Minimum height | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
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|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
| Maximum height | - | - | - | - | - | - | - | - | - | - | - | - |

**References:**

***Comments:***

(1) Use ISO 3166-1 alpha-2 country codes.

(2) Coverage map must be provided in the input document.

1. + In addition to the tables provided in this document the submitter is requested to provide the data files according to the instructions available on ITU-R SG 3 Web page: [Study Group 3 databanks - DBSG3](http://www.itu.int/ITU-R/index.asp?category=study-groups&rlink=sg3-dtbank-dbsg3&lang=en). [↑](#footnote-ref-1)