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| ***CDM lite field*** | ***Kind*** | ***Description*** | ***Original Table*** |
| observation\_id | Character | unique ID for observation | observations\_table |
| report\_type | Integer | 0=sub-daily/hourly data except for ICAO platforms | header\_table |
| date\_time | Timestamp with time zone | timestamp for observation | observations\_table |
| date\_time\_meaning | Integer | 1=beginning Date / time specified indicates the  start of the period over which the  observation was made.  2 = end Date / time specified indicates the  end of the period over which the  observation was made.  3= middle Date / time specified indicates the  middle of the period over which the observation was made. | observations\_table |
| latitude | Numeric | Longitude of the observed value, -180 to 180 (or other as defined by CRS). This may or may not be the same as the report location. | observations\_table |
| longitude | Numeric | Latitude of the observed value, -90 to 90 (or other as defined by CRS) | observations\_table |
| observation\_height\_above\_station\_surface | Numeric | Height of sensor above local ground or sea surface. Positive values for above surface (e.g. sondes), negative for below (e.g. xbt). For visual observations, height of the visual observing platform. | observations\_table |
| observed\_variable | Integer | The variable being observed / measured | observations\_table |
| units | Integer | Units for the observed variable | observations\_table |
| observation\_value | Numeric | The observed value | observations\_table |
| value\_significance | value\_significance | Integer | observations\_table |
| observation\_duration | Integer | Duration/period over which observation was made (s)  0 = instantaneous (less than 2 seconds)  1 = 2 seconds  2 = 5 seconds  3 = 10 seconds  4= 30 seconds  5 = I minute  6 =2 minute  7 = 5 minute  8 = 10 minute  9 = 1 hour  10 = 3 hour  11 = 6 hour  12 = 9 hour  12 = 12 hour  13 = 1 day  14 = monthly  15 = mixed frequency | observations\_table |
| platform\_type | Integer | Structure upon which sensor is mounted, e.g. ship, drifting buoy, tower etc | header\_table |
| station\_type | Integer | Type of station, e.g. land station, sea station etc | header\_table |
| primary\_station\_id | Character | Primary station identifier, e.g. WIGOS ID | header\_table |
| station\_name | Character | e.g. GRUAN station name, ship name, site name etc | header\_table |
| quality\_flag | Integer | Quality flag for observation | observations\_table |
| data\_policy\_licence | data\_policy\_licence | Integer | observations\_table |
| source\_id | source\_id | varchar | observations\_table |