

Identification_Information:

Citation:

Citation_Information:

Originator: AFCCC - Air Force Combat Climatology Center (AFWA)

Publication_Date: 20060505

Title: Global Historical Climatology Network (GHCN) Precipitation Data

Geospatial_Data_Presentation_Form: Digital database

Description:

Abstract: The GHCN precipitation dataset, modified from the original NCDC dataset, provides monthly precipitation values for more than 20,000 stations globally.

Purpose: Support DoD projects.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 1697

Ending_Date: Present

Currentness_Reference: From the data

Status:

Progress: In work

Maintenance_and_Update_Frequency: Monthly

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -180.0

East_Bounding_Coordinate: 180.0

North_Bounding_Coordinate: 90.0

South_Bounding_Coordinate: -90.0

Keywords:

Theme:

Theme_Keyword_Thesaurus: MEL Scientific-Engineering Field Thesaurus

Theme_Keyword: meteorology

Place:

Place_Keyword_Thesaurus: MEL Location Thesaurus

Place_Keyword: Global

Stratum:

Stratum_Keyword_Thesaurus: MEL Environmental Domain Thesaurus

Stratum_Keyword: Surface

Temporal:

Temporal_Keyword_Thesaurus: MEL Temporal Coverage Thesaurus

Temporal_Keyword: Monthly

Access_Constraints:

Access through AFCCC is limited to DoD agencies and their contractors. All other requests are filled through the National Climatic Data Center in Asheville, N.C.

Use_Constraints: None

Data_Set_Credit:

This dataset is an AFCCC-modified version of the GHCN, which is produced jointly by the National Climatic Data Center, Arizona State University, and Carbon Dioxide Information Analysis Center at the Oak Ridge National Laboratory.

Security_Information:

Security_Classification_System: DoD
Security_Classification: Unclassified
Security_Handling_Description: None

Data_Quality_Information:

Logical_Consistency_Report: Topological checks (clean and build) are applied to the data before they are loaded into the AFCCC Oracle tables. These checks are performed as part of a routine that is used to parse the original data obtained from the National Climate Data Center (NCDC) and prepare it for the SQL loader. No further quality checks are applied to the data in that it has already been checked by NCDC. Unit conversions for data are not required as it is loaded in the same units that are received from NCDC.

Completeness_Report: Periods of record vary from station to station. The earliest station data are from 1697. Approximately 7200 sites have less than 30 years of data, and over 2600 sites have more than 100 years of data. Long periods of record do not necessarily end at the current time. New data are added to the dataset each month. AFCCC retrieves the new file from NCDC each month, processes it as described above and loads it into Oracle tables. No reasonable data are excluded from the dataset during the load process. The Oracle tables are set up to include all the GHCN precipitation data that are obtained from NCDC. In the monthly precipitation table, the precipitation amount (precip) and platform identifier (platformid) columns are filled from the GHCN data provided by NCDC. AFCCC creates a precipitation trace code (precip_trace) value for each precipitation amount (precip) that is entered into the monthly precipitation table. Any one of the following precipitation trace codes can be assigned to a given precipitation amount: zero (0) for "no trace code," one (1) for "measurement impossible or inaccurate," two (2) for "trace," three (3) for "measurable" or nine (9) for "missing." (Two examples: a non-zero value in the "precip" column of the table will be accompanied by a code of three (3) or "measurable" in the "precip_trace" column; or a trace of precipitation will be entered into "precip" column as a zero (0) in the "precip" column and a code of two (2) in the "precip_trace" column). This approach was taken so the "-8888" trace indicator in the original GHCN data would not have to be used in the table. All "-9999" (NCDC's code for missing) precipitation amounts were entered into the table as a null in the "precip" column. In addition, missing elevations that NCDC listed in their data base as "-9999" are set to null when they are loaded into the tables at AFCCC. Specific details on the work NCDC did in creating the GHCN data is available from the NCDC web site:

http://www.ncdc.noaa.gov/oa/climate/research/ghcn/g_hcn.html.

Lineage:

Process_Step:

Process_description: Specific details on the work NCDC did in creating the GHCN data is available from the NCDC web site: http://www.ncdc.noaa.gov/oa/climate/research/ghcn/g_hcn.html.

Process_date: 1697

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: GHCN_STATION

Entity_Type_Definition: Metadata about a station in the Global Historical Climate Network. This is an oracle database. Described are three tables and a view. One containing station information, one that lists the country codes used by GHCN, one that contains the data and a view which provides an inventory. Each table is listed as an entity with the associated GHCN attributes shown. Extraneous tables and attributes not used by GHCN are not included here. Missing values are represented as nulls unless otherwise stated.

Entity_Type_Definition_Source: AFCCC

Attribute:

Attribute_Label: platformId

Attribute_Definition: the identifier that represents the source of the observation This represents, for example, the WMO number of a weather station, ship, or buoy (72554), or the aircraft tail number of an aircraft (UAL32974), or the satellite numerical identifier (WX10523). In the case of GHCN this is an 8 digit value comprised of a five digit WMO number for the nearest WMO station and a 3 digit extension assigned by the NCDC when processing the GHCN data.

Attribute_Definition_Source: Joint METOC Data Model - JMPlat segment

Attribute_Domain_Values:

Unrepresentable_Domain: A general domain consisting of the 20 characters in the ASCII character set

Beginning_Date_of_Attribute_Values: 1697

Attribute_Measurement_Frequency: monthly

Attribute:

Attribute_Label: networkType

Attribute_Definition: The code that denotes the network under which the station belongs.

Attribute_Definition_Source: Joint METOC Data Model - JMPlat segment

Attribute_Domain_Values:

Unrepresentable_Domain: A general domain consisting of the 5 characters in the ASCII character set

Beginning_Date_of_Attribute_Values: 1697

Attribute_Measurement_Frequency: monthly

Attribute:

Attribute_Label: longitude

Attribute_Definition: the longitude coordinate of a geophysical-point-observation

Attribute_Definition_Source: Joint METOC Conceptual Data Model

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: -180.0000000

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        Range_Domain_Maximum: 180.0000000
        Attribute_Units_of_Measure: degrees
        Beginning_Date_of_Attribute_Values: 1697
        Attribute_Measurement_Frequency: monthly
    Attribute:
        Attribute_Label: latitude
        Attribute_Definition: The latitude coordinate of a geophysical-point-observation,
Number(11,7)
        Attribute_Definition_Source: AFCCC
        Attribute_Domain_Values:
            Range_Domain:
                Range_Domain_Minimum: 90.0000000
                Range_Domain_Maximum: -90.0000000
                Attribute_Units_of_Measure: degrees
            Beginning_Date_of_Attribute_Values: 1697
            Attribute_Measurement_Frequency: monthly
    Attribute:
        Attribute_Label: elevation
        Attribute_Definition: the height in meters above MSL, number(4)
        Attribute_Definition_Source: AFCCC
        Attribute_Domain_Values:
            Range_Domain:
                Range_Domain_Minimum: -400
                Range_Domain_Maximum: 50000
                Attribute_Units_of_Measure: meters
            Beginning_Date_of_Attribute_Values: 1697
            Attribute_Measurement_Frequency: monthly
    Attribute:
        Attribute_Label: stationName
        Attribute_Definition: plain language station name
        Attribute_Definition_Source: AFCCC
        Attribute_Domain_Values:
            Unrepresentable_Domain: A general domain consisting of the 20 characters in the
ASCII character set
            Beginning_Date_of_Attribute_Values: 1697
            Attribute_Measurement_Frequency: monthly
    Attribute:
        Attribute_Label: GHCNcountryCode
        Attribute_Definition: WMO country code
        Attribute_Definition_Source: AFCCC
        Attribute_Domain_Values:
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        Enumerated_Domain_Value_Definition_Source: AFCCC
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        Enumerated_Domain_Value_Definition: URUGUAY
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 314
        Enumerated_Domain_Value_Definition: VENEZUALA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 315
        Enumerated_Domain_Value_Definition: FRENCH GUIANA (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 316
        Enumerated_Domain_Value_Definition: FALKLAND ISLANDS (U.K.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 317
        Enumerated_Domain_Value_Definition: SOUTH GEORGIA (U.K.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 401
        Enumerated_Domain_Value_Definition: BARBADOS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 402
        Enumerated_Domain_Value_Definition: BELIZE
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 403
        Enumerated_Domain_Value_Definition: CANADA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 405
        Enumerated_Domain_Value_Definition: COSTA RICA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 406
        Enumerated_Domain_Value_Definition: CUBA
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 407
    Enumerated_Domain_Value_Definition: DOMINICAN REPUBLIC
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 408
    Enumerated_Domain_Value_Definition: EL SALVADOR
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 409
    Enumerated_Domain_Value_Definition: GRENADA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 410
    Enumerated_Domain_Value_Definition: GUATEMALA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 411
    Enumerated_Domain_Value_Definition: HAITI
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 412
    Enumerated_Domain_Value_Definition: HONDURAS
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 413
    Enumerated_Domain_Value_Definition: JAMAICA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 414
    Enumerated_Domain_Value_Definition: MEXICO
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 415
    Enumerated_Domain_Value_Definition: NICARAGUA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 416
    Enumerated_Domain_Value_Definition: PANAMA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 417
        Enumerated_Domain_Value_Definition: SAINT KITTS AND NEVIS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 423
        Enumerated_Domain_Value_Definition: THE BAHAMAS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 424
        Enumerated_Domain_Value_Definition: TRINIDAD AND TOBAGO
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 425
        Enumerated_Domain_Value_Definition: UNITED STATES OF AMERICA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 426
        Enumerated_Domain_Value_Definition: ANTIGUA AND BARBUDA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 427
        Enumerated_Domain_Value_Definition: BERMUDA (U.K.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 428
        Enumerated_Domain_Value_Definition: BRITISH VIRGIN ISLANDS (U.K.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 429
        Enumerated_Domain_Value_Definition: CAYMAN ISLANDS (U.K.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 430
        Enumerated_Domain_Value_Definition: DOMINICA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 431
        Enumerated_Domain_Value_Definition: GREENLAND (DENMARK)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 432
        Enumerated_Domain_Value_Definition: GUADELOUPE (FRANCE)
```

```
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 433
        Enumerated_Domain_Value_Definition: MARTINIQUE (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 434
        Enumerated_Domain_Value_Definition: NETHERLANDS ANTILLES (NETHERLANDS)
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 435
        Enumerated_Domain_Value_Definition: PUERTO RICO (U.S.A.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 436
        Enumerated_Domain_Value_Definition: SAINT LUCIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 437
        Enumerated_Domain_Value_Definition: SAINT VINCENT AND THE GRANADINES
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 438
        Enumerated_Domain_Value_Definition: SAINT PIERRE & MIQUELON ISLAND (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 439
        Enumerated_Domain_Value_Definition: TURKS AND CAICOS ISLANDS
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 440
        Enumerated_Domain_Value_Definition: VIRGIN ISLANDS (U.S.A.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 501
        Enumerated_Domain_Value_Definition: AUSTRALIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
        Enumerated_Domain_Value: 502
        Enumerated_Domain_Value_Definition: FIJI
        Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 503
        Enumerated_Domain_Value_Definition: INDONESIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 504
        Enumerated_Domain_Value_Definition: KIRIBATI
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 505
        Enumerated_Domain_Value_Definition: MALAYSIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 506
        Enumerated_Domain_Value_Definition: NAURU
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 507
        Enumerated_Domain_Value_Definition: NEW ZEALAND
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 508
        Enumerated_Domain_Value_Definition: PAPUA NEW GUINEA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 509
        Enumerated_Domain_Value_Definition: PHILLIPPINES
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 511
        Enumerated_Domain_Value_Definition: SINGAPORE
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 512
        Enumerated_Domain_Value_Definition: SOLOMON ISLANDS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 517
        Enumerated_Domain_Value_Definition: TONGA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 518
        Enumerated_Domain_Value_Definition: TUVALU
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 520
    Enumerated_Domain_Value_Definition: VANUATU
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 521
    Enumerated_Domain_Value_Definition: AMERICAN SAMOA (U.S.A.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 522
    Enumerated_Domain_Value_Definition: BRUNEI
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 523
    Enumerated_Domain_Value_Definition: CHRISTMAS ISLAND (AUSTRALIA)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 524
    Enumerated_Domain_Value_Definition: COCOS ISLANDS (AUSTRALIA)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 525
    Enumerated_Domain_Value_Definition: COOK ISLANDS (NEW ZEALAND)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 526
    Enumerated_Domain_Value_Definition: CORAL SEA ISLANDS (AUSTRALIA)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 527
    Enumerated_Domain_Value_Definition: FEDERATED STATES OF MICRONESIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 528
    Enumerated_Domain_Value_Definition: FRENCH POLYNESIA (FRANCE)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 529
    Enumerated_Domain_Value_Definition: GUAM (U.S.A.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 530
        Enumerated_Domain_Value_Definition: JOHNSTON ATOLL (U.S.A.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 531
        Enumerated_Domain_Value_Definition: MARSHALL ISLANDS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 532
        Enumerated_Domain_Value_Definition: NEW CALEDONIA (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 533
        Enumerated_Domain_Value_Definition: NIUE (NEW ZEALAND)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 534
        Enumerated_Domain_Value_Definition: NORFOLK ISLAND (AUSTRALIA)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 535
        Enumerated_Domain_Value_Definition: NORTHERN MARIANA ISLANDS (U.S.A.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 536
        Enumerated_Domain_Value_Definition: BELAU
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 537
        Enumerated_Domain_Value_Definition: PITCAIRN ISLAND (U.K.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 538
        Enumerated_Domain_Value_Definition: TOKELAU
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 539
        Enumerated_Domain_Value_Definition: WAKE ISLAND (U.S.A.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 540
        Enumerated_Domain_Value_Definition: WALLIS AND FUTUNA (FRANCE)
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 541
    Enumerated_Domain_Value_Definition: SAMOA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 601
    Enumerated_Domain_Value_Definition: ALBANIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 602
    Enumerated_Domain_Value_Definition: ARMENIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 603
    Enumerated_Domain_Value_Definition: AUSTRIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 604
    Enumerated_Domain_Value_Definition: AZERBAIJAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 605
    Enumerated_Domain_Value_Definition: BELARUS
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 606
    Enumerated_Domain_Value_Definition: BELGIUM
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 607
    Enumerated_Domain_Value_Definition: BOSNIA AND HERZEGOVINA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 608
    Enumerated_Domain_Value_Definition: BULGARIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 609
    Enumerated_Domain_Value_Definition: CROATIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 610
        Enumerated_Domain_Value_Definition: CYPRUS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 611
        Enumerated_Domain_Value_Definition: CZECH REPUBLIC
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 612
        Enumerated_Domain_Value_Definition: DENMARK
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 613
        Enumerated_Domain_Value_Definition: ESTONIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 614
        Enumerated_Domain_Value_Definition: FINLAND
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 615
        Enumerated_Domain_Value_Definition: FRANCE
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 616
        Enumerated_Domain_Value_Definition: GOERGIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 617
        Enumerated_Domain_Value_Definition: GERMANY
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 618
        Enumerated_Domain_Value_Definition: GREECE
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 619
        Enumerated_Domain_Value_Definition: HUNGARY
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 620
        Enumerated_Domain_Value_Definition: ICELAND
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 621
    Enumerated_Domain_Value_Definition: IRELAND
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 622
    Enumerated_Domain_Value_Definition: ISRAEL
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 623
    Enumerated_Domain_Value_Definition: ITALY
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 624
    Enumerated_Domain_Value_Definition: JORDAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 625
    Enumerated_Domain_Value_Definition: KAZAKHSTAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 626
    Enumerated_Domain_Value_Definition: LATVIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 627
    Enumerated_Domain_Value_Definition: LEBANON
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 628
    Enumerated_Domain_Value_Definition: LITHUANIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 629
    Enumerated_Domain_Value_Definition: LUXEMBORG
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 630
    Enumerated_Domain_Value_Definition: MALTA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 631
        Enumerated_Domain_Value_Definition: MOLDOVA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 632
        Enumerated_Domain_Value_Definition: MONTENEGRO
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 633
        Enumerated_Domain_Value_Definition: NETHERLANDS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 634
        Enumerated_Domain_Value_Definition: NORWAY
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 635
        Enumerated_Domain_Value_Definition: POLAND
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 636
        Enumerated_Domain_Value_Definition: PORTUGAL
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 637
        Enumerated_Domain_Value_Definition: ROMANIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 638
        Enumerated_Domain_Value_Definition: RUSSIAN FEDERATION (EUROPEAN SECTOR)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 639
        Enumerated_Domain_Value_Definition: SERBIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 641
        Enumerated_Domain_Value_Definition: SLOVAKIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 643
        Enumerated_Domain_Value_Definition: SPAIN
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 645
    Enumerated_Domain_Value_Definition: SWEDEN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 646
    Enumerated_Domain_Value_Definition: SWITZERLAND
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 647
    Enumerated_Domain_Value_Definition: SYRIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 648
    Enumerated_Domain_Value_Definition: MACEDONIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 649
    Enumerated_Domain_Value_Definition: TURKEY
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 650
    Enumerated_Domain_Value_Definition: UKRAINE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 651
    Enumerated_Domain_Value_Definition: UNITED KINGDOM
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 652
    Enumerated_Domain_Value_Definition: FAROE ISLANDS (DENMARK)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 653
    Enumerated_Domain_Value_Definition: GIBRALTAR (U.K.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 654
    Enumerated_Domain_Value_Definition: MADEIRA ISLANDS (PORTUGAL)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 700
        Enumerated_Domain_Value_Definition: ANTARCTICA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 800
        Enumerated_Domain_Value_Definition: SHIP STATIONS
        Enumerated_Domain_Value_Definition_Source: AFCCC

    Beginning_Date_of_Attribute_Values: 1697
    Attribute_Measurement_Frequency: monthly
Entity_Type:
    Entity_Type_Label: GHCN_COUNTRY
    Entity_Type_Definition: Country Name
    Entity_Type_Definition_Source: AFCCC
Attribute:
    Attribute_Label: GHCHNcountryCode
    Attribute_Definition: WMO country code list, Number(3)
    Attribute_Definition_Source: AFCCC
    Attribute_Domain_Values:
        Enumerated_Domain:
            Enumerated_Domain_Value: 101
            Enumerated_Domain_Value_Definition: ALGERIA
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 102
            Enumerated_Domain_Value_Definition: ANGOLA
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 103
            Enumerated_Domain_Value_Definition: BENIN
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 104
            Enumerated_Domain_Value_Definition: BOTSWANA
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 105
            Enumerated_Domain_Value_Definition: BURKINA FASO
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 106
            Enumerated_Domain_Value_Definition: BURUNDI
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 107
    Enumerated_Domain_Value_Definition: CAMEROON
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 108
    Enumerated_Domain_Value_Definition: CAPE VERDE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 109
    Enumerated_Domain_Value_Definition: CENTRAL AFRICAN REPUBLIC
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 110
    Enumerated_Domain_Value_Definition: CHAD
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 111
    Enumerated_Domain_Value_Definition: COMOROS
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 112
    Enumerated_Domain_Value_Definition: CONGO
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 113
    Enumerated_Domain_Value_Definition: COTE D'IVOIRE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 114
    Enumerated_Domain_Value_Definition: DJIBOUTI
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 115
    Enumerated_Domain_Value_Definition: EGYPT
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 116
    Enumerated_Domain_Value_Definition: ERITREA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
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        Enumerated_Domain_Value: 117
        Enumerated_Domain_Value_Definition: ETHIOPIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 118
        Enumerated_Domain_Value_Definition: GABON
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 119
        Enumerated_Domain_Value_Definition: GHANA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 120
        Enumerated_Domain_Value_Definition: GUINEA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 121
        Enumerated_Domain_Value_Definition: GUINEA-BISSAU
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 122
        Enumerated_Domain_Value_Definition: KENYA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 123
        Enumerated_Domain_Value_Definition: LIBERIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 124
        Enumerated_Domain_Value_Definition: LIBYA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 125
        Enumerated_Domain_Value_Definition: MADAGASCAR
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 126
        Enumerated_Domain_Value_Definition: MALAWI
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 127
        Enumerated_Domain_Value_Definition: MALI
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 128
    Enumerated_Domain_Value_Definition: MAURITANIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 129
    Enumerated_Domain_Value_Definition: MAURITIUS
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 130
    Enumerated_Domain_Value_Definition: MOROCCO
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 131
    Enumerated_Domain_Value_Definition: MOZAMBIQUE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 132
    Enumerated_Domain_Value_Definition: NAMIBIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 133
    Enumerated_Domain_Value_Definition: NIGER
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 134
    Enumerated_Domain_Value_Definition: NIGERIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 136
    Enumerated_Domain_Value_Definition: SAO TOME AND PRINCIPE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 137
    Enumerated_Domain_Value_Definition: SENEGLA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 138
    Enumerated_Domain_Value_Definition: SEYCHELLES
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 139
        Enumerated_Domain_Value_Definition: SIERRA LEONE
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 140
        Enumerated_Domain_Value_Definition: SOMALIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 141
        Enumerated_Domain_Value_Definition: SOUTH AFRICA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 148
        Enumerated_Domain_Value_Definition: SUDAN
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 149
        Enumerated_Domain_Value_Definition: TANZANIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 150
        Enumerated_Domain_Value_Definition: THE GAMBIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 151
        Enumerated_Domain_Value_Definition: TOGO
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 152
        Enumerated_Domain_Value_Definition: TUNISIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 153
        Enumerated_Domain_Value_Definition: UGANDA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 154
        Enumerated_Domain_Value_Definition: ZAIRE
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 155
        Enumerated_Domain_Value_Definition: ZAMBIA
```

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    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 156
    Enumerated_Domain_Value_Definition: ZIMBABWE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 157
    Enumerated_Domain_Value_Definition: AMSTERDAM ISLAND (FRANCE)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 158
    Enumerated_Domain_Value_Definition: ASCENSION ISLAND (U.K.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 159
    Enumerated_Domain_Value_Definition: CANARY ISLANDS (SPAIN)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 160
    Enumerated_Domain_Value_Definition: CEUTA (SPAIN)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 161
    Enumerated_Domain_Value_Definition: CHAGOS ARCHIPELAGO (U.K.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 162
    Enumerated_Domain_Value_Definition: LESOTHO
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 163
    Enumerated_Domain_Value_Definition: MAYOTTE (FRANCE)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 164
    Enumerated_Domain_Value_Definition: MELILLA (SPAIN)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 165
    Enumerated_Domain_Value_Definition: REUNION ISLAND (FRANCE)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

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        Enumerated_Domain_Value: 166
        Enumerated_Domain_Value_Definition: RWANDA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 167
        Enumerated_Domain_Value_Definition: SWAZILAND
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 168
        Enumerated_Domain_Value_Definition: TROMELIN ISLAND (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 169
        Enumerated_Domain_Value_Definition: WESTERN SAHARA (MOROCCO)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 201
        Enumerated_Domain_Value_Definition: AFGHANISTAN
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 202
        Enumerated_Domain_Value_Definition: BAHRAIN
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 203
        Enumerated_Domain_Value_Definition: BANGLADESH
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 204
        Enumerated_Domain_Value_Definition: CAMBODIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 205
        Enumerated_Domain_Value_Definition: CHINA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 206
        Enumerated_Domain_Value_Definition: DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 207
        Enumerated_Domain_Value_Definition: INDIA
```

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    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 208
    Enumerated_Domain_Value_Definition: IRAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 209
    Enumerated_Domain_Value_Definition: IRAQ
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 210
    Enumerated_Domain_Value_Definition: JAPAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 211
    Enumerated_Domain_Value_Definition: KAZAKHSTAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 212
    Enumerated_Domain_Value_Definition: KUWAIT
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 213
    Enumerated_Domain_Value_Definition: KYRGYZSTAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 214
    Enumerated_Domain_Value_Definition: LAOS
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 215
    Enumerated_Domain_Value_Definition: MONGOLIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 216
    Enumerated_Domain_Value_Definition: MYANMAR
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 217
    Enumerated_Domain_Value_Definition: NEPAL
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

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        Enumerated_Domain_Value: 218
        Enumerated_Domain_Value_Definition: OMAN
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 219
        Enumerated_Domain_Value_Definition: PAKISTAN
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 220
        Enumerated_Domain_Value_Definition: QATAR
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 221
        Enumerated_Domain_Value_Definition: REPUBLIC OF KOREA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 222
        Enumerated_Domain_Value_Definition: RUSSIAN FEDERATION (ASIAN SECTOR)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 223
        Enumerated_Domain_Value_Definition: SAUDI ARABIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 224
        Enumerated_Domain_Value_Definition: SRI LANKA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 227
        Enumerated_Domain_Value_Definition: TAJIKISTAN
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 228
        Enumerated_Domain_Value_Definition: THAILAND
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 229
        Enumerated_Domain_Value_Definition: TURKMENISTAN
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 230
        Enumerated_Domain_Value_Definition: UNITED ARAB EMIRATES
```

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    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 231
    Enumerated_Domain_Value_Definition: UZBEKISTAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 232
    Enumerated_Domain_Value_Definition: VIETNAM
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 233
    Enumerated_Domain_Value_Definition: YEMEN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 234
    Enumerated_Domain_Value_Definition: MACAU (PORTUGAL)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 235
    Enumerated_Domain_Value_Definition: MALDIVES
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 236
    Enumerated_Domain_Value_Definition: TAIWAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 301
    Enumerated_Domain_Value_Definition: ARGENTINA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 302
    Enumerated_Domain_Value_Definition: BOLIVIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 303
    Enumerated_Domain_Value_Definition: BRAZIL
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 304
    Enumerated_Domain_Value_Definition: CHILE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 305
        Enumerated_Domain_Value_Definition: COLOMBIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 306
        Enumerated_Domain_Value_Definition: ECUADOR
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 307
        Enumerated_Domain_Value_Definition: GUYANA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 308
        Enumerated_Domain_Value_Definition: PARAGUAY
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 309
        Enumerated_Domain_Value_Definition: PERU
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 312
        Enumerated_Domain_Value_Definition: SURINAME
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 313
        Enumerated_Domain_Value_Definition: URUGUAY
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 314
        Enumerated_Domain_Value_Definition: VENEZUALA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 315
        Enumerated_Domain_Value_Definition: FRENCH GUIANA (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 316
        Enumerated_Domain_Value_Definition: FALKLAND ISLANDS (U.K.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 317
        Enumerated_Domain_Value_Definition: SOUTH GEORGIA (U.K.)
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 401
    Enumerated_Domain_Value_Definition: BARBADOS
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 402
    Enumerated_Domain_Value_Definition: BELIZE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 403
    Enumerated_Domain_Value_Definition: CANADA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 405
    Enumerated_Domain_Value_Definition: COSTA RICA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 406
    Enumerated_Domain_Value_Definition: CUBA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 407
    Enumerated_Domain_Value_Definition: DOMINICAN REPUBLIC
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 408
    Enumerated_Domain_Value_Definition: EL SALVADOR
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 409
    Enumerated_Domain_Value_Definition: GRENADA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 410
    Enumerated_Domain_Value_Definition: GUATEMALA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 411
    Enumerated_Domain_Value_Definition: HAITI
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 412
        Enumerated_Domain_Value_Definition: HONDURAS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 413
        Enumerated_Domain_Value_Definition: JAMAICA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 414
        Enumerated_Domain_Value_Definition: MEXICO
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 415
        Enumerated_Domain_Value_Definition: NICARAGUA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 416
        Enumerated_Domain_Value_Definition: PANAMA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 417
        Enumerated_Domain_Value_Definition: SAINT KITTS AND NEVIS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 423
        Enumerated_Domain_Value_Definition: THE BAHAMAS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 424
        Enumerated_Domain_Value_Definition: TRINIDAD AND TOBAGO
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 425
        Enumerated_Domain_Value_Definition: UNITED STATES OF AMERICA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 426
        Enumerated_Domain_Value_Definition: ANTIGUA AND BARBUDA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 427
        Enumerated_Domain_Value_Definition: BERMUDA (U.K.)
```

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    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 428
    Enumerated_Domain_Value_Definition: BRITISH VIRGIN ISLANDS (U.K.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 429
    Enumerated_Domain_Value_Definition: CAYMAN ISLANDS (U.K.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 430
    Enumerated_Domain_Value_Definition: DOMINICA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 431
    Enumerated_Domain_Value_Definition: GREENLAND (DENMARK)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 432
    Enumerated_Domain_Value_Definition: GUADELOUPE (FRANCE)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 433
    Enumerated_Domain_Value_Definition: MARTINIQUE (FRANCE)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 434
    Enumerated_Domain_Value_Definition: NETHERLANDS ANTILLES (NETHERLANDS)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 435
    Enumerated_Domain_Value_Definition: PUERTO RICO (U.S.A.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 436
    Enumerated_Domain_Value_Definition: SAINT LUCIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 437
    Enumerated_Domain_Value_Definition: SAINT VINCENT AND THE GRANADINES
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 438
        Enumerated_Domain_Value_Definition: SAINT PIERRE & MIQUELON ISLAND (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 439
        Enumerated_Domain_Value_Definition: TURKS AND CAICOS ISLANDS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 440
        Enumerated_Domain_Value_Definition: VIRGIN ISLANDS (U.S.A.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 501
        Enumerated_Domain_Value_Definition: AUSTRALIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 502
        Enumerated_Domain_Value_Definition: FIJI
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 503
        Enumerated_Domain_Value_Definition: INDONESIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 504
        Enumerated_Domain_Value_Definition: KIRIBATI
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 505
        Enumerated_Domain_Value_Definition: MALAYSIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 506
        Enumerated_Domain_Value_Definition: NAURU
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 507
        Enumerated_Domain_Value_Definition: NEW ZEALAND
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 508
        Enumerated_Domain_Value_Definition: PAPUA NEW GUINEA
```

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    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 509
    Enumerated_Domain_Value_Definition: PHILLIPINES
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 511
    Enumerated_Domain_Value_Definition: SINGAPORE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 512
    Enumerated_Domain_Value_Definition: SOLOMON ISLANDS
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 517
    Enumerated_Domain_Value_Definition: TONGA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 518
    Enumerated_Domain_Value_Definition: TUVALU
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 520
    Enumerated_Domain_Value_Definition: VANUATU
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 521
    Enumerated_Domain_Value_Definition: AMERICAN SAMOA (U.S.A.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 522
    Enumerated_Domain_Value_Definition: BRUNEI
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 523
    Enumerated_Domain_Value_Definition: CHRISTMAS ISLAND (AUSTRALIA)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 524
    Enumerated_Domain_Value_Definition: COCOS ISLANDS (AUSTRALIA)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 525
        Enumerated_Domain_Value_Definition: COOK ISLANDS (NEW ZEALAND)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 526
        Enumerated_Domain_Value_Definition: CORAL SEA ISLANDS (AUSTRALIA)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 527
        Enumerated_Domain_Value_Definition: FEDERATED STATES OF MICRONESIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 528
        Enumerated_Domain_Value_Definition: FRENCH POLYNESIA (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 529
        Enumerated_Domain_Value_Definition: GUAM (U.S.A.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 530
        Enumerated_Domain_Value_Definition: JOHNSTON ATOLL (U.S.A.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 531
        Enumerated_Domain_Value_Definition: MARSHALL ISLANDS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 532
        Enumerated_Domain_Value_Definition: NEW CALEDONIA (FRANCE)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 533
        Enumerated_Domain_Value_Definition: NIUE (NEW ZEALAND)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 534
        Enumerated_Domain_Value_Definition: NORFOLK ISLAND (AUSTRALIA)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 535
        Enumerated_Domain_Value_Definition: NORTHERN MARIANA ISLANDS (U.S.A.)
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 536
    Enumerated_Domain_Value_Definition: BELAU
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 537
    Enumerated_Domain_Value_Definition: PITCAIRN ISLAND (U.K.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 538
    Enumerated_Domain_Value_Definition: TOKELAU
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 539
    Enumerated_Domain_Value_Definition: WAKE ISLAND (U.S.A.)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 540
    Enumerated_Domain_Value_Definition: WALLIS AND FUTUNA (FRANCE)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 541
    Enumerated_Domain_Value_Definition: SAMOA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 601
    Enumerated_Domain_Value_Definition: ALBANIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 602
    Enumerated_Domain_Value_Definition: ARMENIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 603
    Enumerated_Domain_Value_Definition: AUSTRIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 604
    Enumerated_Domain_Value_Definition: AZERBAIJAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 605
        Enumerated_Domain_Value_Definition: BELARUS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 606
        Enumerated_Domain_Value_Definition: BELGIUM
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 607
        Enumerated_Domain_Value_Definition: BOSNIA AND HERZEGOVINA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 608
        Enumerated_Domain_Value_Definition: BULGARIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 609
        Enumerated_Domain_Value_Definition: CROATIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 610
        Enumerated_Domain_Value_Definition: CYPRUS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 611
        Enumerated_Domain_Value_Definition: CZECH REPUBLIC
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 612
        Enumerated_Domain_Value_Definition: DENMARK
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 613
        Enumerated_Domain_Value_Definition: ESTONIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 614
        Enumerated_Domain_Value_Definition: FINLAND
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 615
        Enumerated_Domain_Value_Definition: FRANCE
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 616
    Enumerated_Domain_Value_Definition: GOERGIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 617
    Enumerated_Domain_Value_Definition: GERMANY
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 618
    Enumerated_Domain_Value_Definition: GREECE
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 619
    Enumerated_Domain_Value_Definition: HUNGARY
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 620
    Enumerated_Domain_Value_Definition: ICELAND
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 621
    Enumerated_Domain_Value_Definition: IRELAND
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 622
    Enumerated_Domain_Value_Definition: ISRAEL
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 623
    Enumerated_Domain_Value_Definition: ITALY
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 624
    Enumerated_Domain_Value_Definition: JORDAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 625
    Enumerated_Domain_Value_Definition: KAZAKHSTAN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 626
        Enumerated_Domain_Value_Definition: LATVIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 627
        Enumerated_Domain_Value_Definition: LEBANON
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 628
        Enumerated_Domain_Value_Definition: LITHUANIA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 629
        Enumerated_Domain_Value_Definition: LUXEMBORG
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 630
        Enumerated_Domain_Value_Definition: MALTA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 631
        Enumerated_Domain_Value_Definition: MOLDOVA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 632
        Enumerated_Domain_Value_Definition: MONTENEGRO
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 633
        Enumerated_Domain_Value_Definition: NETHERLANDS
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 634
        Enumerated_Domain_Value_Definition: NORWAY
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 635
        Enumerated_Domain_Value_Definition: POLAND
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 636
        Enumerated_Domain_Value_Definition: PORTUGAL
```

```
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 637
    Enumerated_Domain_Value_Definition: ROMANIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 638
    Enumerated_Domain_Value_Definition: RUSSIAN FEDERATION (EUROPEAN SECTOR)
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 639
    Enumerated_Domain_Value_Definition: SERBIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 641
    Enumerated_Domain_Value_Definition: SLOVAKIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 643
    Enumerated_Domain_Value_Definition: SPAIN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 645
    Enumerated_Domain_Value_Definition: SWEDEN
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 646
    Enumerated_Domain_Value_Definition: SWITZERLAND
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 647
    Enumerated_Domain_Value_Definition: SYRIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 648
    Enumerated_Domain_Value_Definition: MACEDONIA
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
    Enumerated_Domain_Value: 649
    Enumerated_Domain_Value_Definition: TURKEY
    Enumerated_Domain_Value_Definition_Source: AFCCC
Enumerated_Domain:
```

```
        Enumerated_Domain_Value: 650
        Enumerated_Domain_Value_Definition: UKRAINE
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 651
        Enumerated_Domain_Value_Definition: UNITED KINGDOM
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 652
        Enumerated_Domain_Value_Definition: FAROE ISLANDS (DENMARK)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 653
        Enumerated_Domain_Value_Definition: GIBRALTAR (U.K.)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 654
        Enumerated_Domain_Value_Definition: MADEIRA ISLANDS (PORTUGAL)
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 700
        Enumerated_Domain_Value_Definition: ANTARCTICA
        Enumerated_Domain_Value_Definition_Source: AFCCC
    Enumerated_Domain:
        Enumerated_Domain_Value: 800
        Enumerated_Domain_Value_Definition: SHIP STATIONS
        Enumerated_Domain_Value_Definition_Source: AFCCC
Beginning_Date_of_Attribute_Values: 1697
Attribute_Measurement_Frequency: monthly
Attribute:
    Attribute_Label: countryName
    Attribute_Definition: plain language country names, Character(30)
    Attribute_Definition_Source: AFCCC
    Attribute_Domain_Values:
        Codeset_Domain:
            Codeset_Name: Country Code
            Codeset_Source: NCDC
Beginning_Date_of_Attribute_Values: 1697
Attribute_Measurement_Frequency: monthly
Entity_Type:
    Entity_Type_Label: PrecipInv (view)
```

Entity_Type_Definition: inventory of the period of record for each station in the database

Entity_Type_Definition_Source: AFCCC

Attribute:

 Attribute_Label: platformId

 Attribute_Definition: the identifier that represents the source of the observation This represents, for example, the WMO number of a weather station, ship, or buoy (72554), or the aircraft tail number of an aircraft (UAL32974), or the satellite numerical identifier (WX10523). In the case of GHCN this is an 8 digit value comprised of a five digit WMO number for the nearest WMO station and a 3 digit extension assigned by the NCDC when processing the GHCN data.

 Attribute_Definition_Source: Joint METOC Data Model - JMPlat segment

 Attribute_Domain_Values:

 Unrepresentable_Domain: A general domain consisting of the 20 characters in the ASCII character set

 Beginning_Date_of_Attribute_Values: 1697

 Attribute_Measurement_Frequency: monthly

Attribute:

 Attribute_Label: totalYears

 Attribute_Definition: total number of years of data for a particular station, number(4)

 Attribute_Definition_Source: AFCCC

 Attribute_Domain_Values:

 Range_Domain:

 Range_Domain_Minimum: 0

 Range_Domain_Maximum: 9999

 Attribute_Units_of_Measure: years

 Beginning_Date_of_Attribute_Values: 1697

 Attribute_Measurement_Frequency: monthly

Attribute:

 Attribute_Label: firstYear

 Attribute_Definition: first year data collected for a particular station, number(4)

 Attribute_Definition_Source: AFCCC

 Attribute_Domain_Values:

 Range_Domain:

 Range_Domain_Minimum: 1697

 Range_Domain_Maximum: 2099

 Attribute_Units_of_Measure: years

 Beginning_Date_of_Attribute_Values: 1697

 Attribute_Measurement_Frequency: monthly

Attribute:

 Attribute_Label: lastYear

 Attribute_Definition: last year data collected for a particular station, number(40)

 Attribute_Definition_Source: AFCCC

```
Attribute_Domain_Values:  
    Range_Domain:  
        Range_Domain_Minimum: 1697  
        Range_Domain_Maximum: 2099  
        Attribute_Units_of_Measure: years  
    Beginning_Date_of_Attribute_Values: 1697  
    Attribute_Measurement_Frequency: monthly  
Entity_Type:  
    Entity_Type_Label: MONTHLY_PRECIP  
    Entity_Type_Definition: Monthly Precipitation  
    Entity_Type_Definition_Source: AFCCC  
Attribute:  
    Attribute_Label: platformId  
        Attribute_Definition: the identifier that represents the source of the observation This  
represents, for example, the WMO number of a weather station, ship, or buoy (72554), or the aircraft tail  
number of an aircraft (UAL32974), or the satellite numerical identifier (WX10523). In the case of GHCN this  
is an 8 digit value comprised of a five digit WMO number for the nearest WMO station and a 3 digit  
extension assigned by the NCDC when processing the GHCN data.  
        Attribute_Definition_Source: Joint METOC Data Model - JMPplat segment  
    Attribute_Domain_Values:  
        Unrepresentable_Domain: A general domain consisting of the 20 characters in the  
ASCII character set  
        Beginning_Date_of_Attribute_Values: 1697  
        Attribute_Measurement_Frequency: monthly  
    Attribute:  
        Attribute_Label: datetime  
        Attribute_Definition: the year of precipitation measurement for a particular station,  
number(4)  
        Attribute_Definition_Source: AFCCC  
    Attribute_Domain_Values:  
        Range_Domain:  
            Range_Domain_Minimum: 1697  
            Range_Domain_Maximum: 2099  
            Attribute_Units_of_Measure: year  
    Beginning_Date_of_Attribute_Values: 1697  
    Attribute_Measurement_Frequency: monthly  
Attribute:  
    Attribute_Label: networkType  
    Attribute_Definition: The code that denotes the network under which the station belongs.  
    Attribute_Definition_Source: Joint METOC Data Model - JMPplat segment  
    Attribute_Domain_Values:  
        Unrepresentable_Domain: A general domain consisting of the 5 characters in the
```

```
        ASCII character set
Beginning_Date_of_Attribute_Values: 1697
Attribute_Measurement_Frequency: monthly
Attribute:
    Attribute_Label: precip
    Attribute_Definition: the total monthly depth of liquid precipitation, Number(5,1)
    Attribute_Definition_Source: AFCCC
    Attribute_Domain_Values:
        Range_Domain:
            Range_Domain_Minimum: 0.0
            Range_Domain_Maximum: 99999.9
            Attribute_Units_of_Measure: mm
    Beginning_Date_of_Attribute_Values: 1697
    Attribute_Measurement_Frequency: yearly
Attribute:
    Attribute_Label: precip_trace
    Attribute_Definition: range of precipitation trace values, Character(1)
    Attribute_Definition_Source: AFCCC
    Attribute_Domain_Values:
        Enumerated_Domain:
            Enumerated_Domain_Value: 0
            Enumerated_Domain_Value_Definition: none
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 1
            Enumerated_Domain_Value_Definition: measurement inaccurate or impossible
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 2
            Enumerated_Domain_Value_Definition: trace
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 3
            Enumerated_Domain_Value_Definition: measurable
            Enumerated_Domain_Value_Definition_Source: AFCCC
        Enumerated_Domain:
            Enumerated_Domain_Value: 9
            Enumerated_Domain_Value_Definition: missing
            Enumerated_Domain_Value_Definition_Source: AFCCC
    Beginning_Date_of_Attribute_Values: 1697
    Attribute_Measurement_Frequency: monthly
```

Overview_Description:

Entity_and_Attribute_Overview: Due to the volume of the data, customers are requested to specify the specific fields and/or regions they require.

Entity_and_Attribute_Detail_Citation: The National Climatic Data Center, the source of the data, describes the Global Historical Climatology Network (GHCN) as a comprehensive global surface baseline climate data set designed for monitoring and detecting climate change. The precipitation data set has data from over 20,000 stations. The data are monthly total precipitation recorded at the station in tenths of mm. (Divide by 10 to get millimeters.) Each line of the data file has: station number which has three parts: country code (3 digits), nearest WMO station number (5 digits), and modifier (3 digits) (this is usually 000 if it is that WMO station)

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: AFCCC/D00

Contact_Address:

Address_Type: Mailing and Physical

Address: 151 Patton Avenue, Room 120

City: Asheville

State_or_Province: NC

Postal_Code: 28801-5002

Country: USA

Contact_Voice_Telephone: (828) 271-4291

Contact_Voice_Telephone: DSN 673-9004

Contact_Facsimile_Telephone: (828) 271-4334

Contact_Facsimile_Telephone: DSN 673-9024

Contact_Electronic_Mail_Address: doo_all@afccc.af.mil

Hours_of_Service: 0730-1630 Eastern Time M-F

Resource_Description: Precipitation climatology

Distribution_Liability:

The data was obtained to support DOD requests for climatological precipitation values. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.

Custom_Order_Process: Order by station or region. Order through the above distribution contact or this web site: https://www2.afccc.af.mil/forms_mil/html/restricted/sarform.html

Metadata_Reference_Information:

Metadata_Date: 20070116

Metadata_Review_Date: 20070116

Metadata_Future_Review_Date: 20080116

Metadata_Contact:
 Contact_Information:
 Contact_Organization_Primary:
 Contact_Organization: AFCCC/DOD
 Contact_Address:
 Address_Type: Mailing and physical.
 Address: 151 Patton Avenue Room 120
 City: Asheville
 State_or_Province: NC
 Postal_Code: 28801-5002
 Country: USA
 Contact_Voice_Telephone: (828) 271-4299
 Contact_Voice_Telephone: DSN 673-9006
 Contact_Facsimile_Telephone: (828) 271-4334
 Contact_Facsimile_Telephone: DSN 673-9024
 Contact_Electronic_Mail_Address: dod@afccc.af.mil
 Hours_of_Service: 0730-1630 EST M-F
 Metadata_Standard_Name: FGDC-Content Standards for Digital Geospatial Metadata.
 Metadata_Standard_Version: FGDC-STD-001-1998
 Metadata_Time_Convention: Universal Time
 Metadata_Access_Constraints: None
 Metadata_Use_Constraints: None
 Metadata_Security_Information:
 Metadata_Security_Classification_System: DoD
 Metadata_Security_Classification: Unclassified
 Metadata_Security_Handling_Description: None