SINC00COL Site Information Form (site log)
International GNSS Service
See Instructions at:
  https://files.igs.org/pub/station/general/sitelog_instr_v2.0.txt

0. Form

Prepared by (full name) : INSTITUTO GEOGRAFICO AGUSTIN CODAZZI
Date Prepared   : 2024-05-09
Report Type   : UPDATE
If Update:
 Previous Site Log   : sinc00col_20220805.log
 Modified/Added Sections : 0, 3.2, 3.3, 4.3

1. Site Identification of the GNSS Monument

Site Name   : Universidad de Sucre
Nine Character ID   : SINC00COL
Monument Inscription   :
IERS DOMES Number   : 41946M001
CDP Number   : (A4)
Monument Description   : STEEL MAST
  Height of the Monument :
  Monument Foundation   : ROOF
  Foundation Depth   : (m)
Marker Description   : BRASS SCREW
Date Installed   : 2012-11-07T12:00Z
Geologic Characteristic :
  Bedrock Type   :
  Bedrock Condition   :
  Fracture Spacing   :
  Fault zones nearby   :
    Distance/activity   :
Additional Information   :

2. Site Location Information

City or Town   : Sincelejo
State or Province   : Sucre
Country or Region   : COL
Tectonic Plate   : South American
Approximate Position (ITRF)
  X coordinate (m)   : 1588028.64
  Y coordinate (m)   : -6091169.73
  Z coordinate (m)   : 1025659.40
  Latitude (N is +)   : +091856.25
  Longitude (E is +)   : -0752315.67
  Elevation (m,ellips.) : 205.3
Additional Information   : MAGNA-ECO Network

3. GNSS Receiver Information

3.1 Receiver Type   : TRIMBLE NETR9
     Satellite System   : GPS+GLO+SBAS
     Serial Number   : 5146K79739
     Firmware Version   : 4.62/4.29
     Elevation Cutoff Setting : 0
     Date Installed   : 2012-11-07T00:00Z
     Date Removed   : 2014-02-06T13:50Z
     Temperature Stabiliz.   : (none or tolerance in degrees C)
     Additional Information : (multiple lines)

3.2 Receiver Type   : TRIMBLE NETR9
     Satellite System   : GPS+GLO
     Serial Number   : 5146K79739
     Firmware Version   : 4.81/4.29
     Elevation Cutoff Setting : 0 deg
     Date Installed   : 2014-02-06T14:50Z
     Date Removed   : 2024-04-19T23:00Z
     Temperature Stabiliz.   : (none or tolerance in degrees C)
     Additional Information : (multiple lines)

3.3 Receiver Type   : TRIMBLE NETR9
     Satellite System   : GPS+GLO
     Serial Number   : 5146K79739
     Firmware Version   : 5.63
     Elevation Cutoff Setting : 0 deg
     Date Installed   : 2024-04-19T23:00Z

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     Date Removed             : (CCYY-MM-DDThh:mmZ)
     Temperature Stabiliz.    : (none or tolerance in degrees C)
     Additional Information   : (multiple lines)

3.x  Receiver Type            : (A20, from rcvr_ant.tab; see instructions)
     Satellite System         : (GPS+GLO+GAL+CMP+QZSS+SBAS)
     Serial Number            : (A20, but note the first A5 is used in SINEX)
     Firmware Version         : (A11)
     Elevation Cutoff Setting : (deg)
     Date Installed           : (CCYY-MM-DDThh:mmZ)
     Date Removed             : (CCYY-MM-DDThh:mmZ)
     Temperature Stabiliz.    : (none or tolerance in degrees C)
     Additional Information   : (multiple lines)


4.   GNSS Antenna Information

4.1  Antenna Type             : TRM59800.00     SCIS
     Serial Number            : 5138354290
     Antenna Reference Point  : BPA
     Marker->ARP Up Ecc. (m)  : 0.1750
     Marker->ARP North Ecc(m) : 0.0000
     Marker->ARP East Ecc(m)  : 0.0000
     Alignment from True N    : 0 deg
     Antenna Radome Type      : SCIS
     Radome Serial Number     : 1105
     Antenna Cable Type       :
     Antenna Cable Length     : 30 m
     Date Installed           : 2012-11-07T00:00Z
     Date Removed             : 2018-08-17T14:00Z
     Additional Information   : (multiple lines)

4.2  Antenna Type             : TRM59800.00     SCIS
     Serial Number            : 5138354308
     Antenna Reference Point  : BPA
     Marker->ARP Up Ecc. (m)  : 0.1750
     Marker->ARP North Ecc(m) : 0.0000
     Marker->ARP East Ecc(m)  : 0.0000
     Alignment from True N    : 0 deg
     Antenna Radome Type      : SCIS
     Radome Serial Number     : 1105
     Antenna Cable Type       :
     Antenna Cable Length     : 30 m
     Date Installed           : 2018-08-17T16:00Z
     Date Removed             : 2024-04-18T16:00Z
     Additional Information   : (multiple lines)

4.3  Antenna Type             : TRM59800.00     NONE
     Serial Number            : 5138354308
     Antenna Reference Point  : BPA
     Marker->ARP Up Ecc. (m)  : 0.1750
     Marker->ARP North Ecc(m) : 0.0000
     Marker->ARP East Ecc(m)  : 0.0000
     Alignment from True N    : 0 deg
     Antenna Radome Type      : NONE
     Radome Serial Number     : 1105
     Antenna Cable Type       :
     Antenna Cable Length     : 30 m
     Date Installed           : 2024-04-18T16:00Z
     Date Removed             : (CCYY-MM-DDThh:mmZ)
     Additional Information   : (multiple lines)

4.x  Antenna Type             : (A20, from rcvr_ant.tab; see instructions)
     Serial Number            : (A*, but note the first A5 is used in SINEX)
     Antenna Reference Point  : (BPA/BCR/XXX from "antenna.gra"; see instr.)
     Marker->ARP Up Ecc. (m)  : (F8.4)
     Marker->ARP North Ecc(m) : (F8.4)
     Marker->ARP East Ecc(m)  : (F8.4)
     Alignment from True N    : (deg; + is clockwise/east)
     Antenna Radome Type      : (A4 from rcvr_ant.tab; see instructions)
     Radome Serial Number     :
     Antenna Cable Type       : (vendor & type number)
     Antenna Cable Length     : (m)
     Date Installed           : (CCYY-MM-DDThh:mmZ)
     Date Removed             : (CCYY-MM-DDThh:mmZ)
     Additional Information   : (multiple lines)

5.   Surveyed Local Ties

5.x  Tied Marker Name         :
     Tied Marker Usage        : (SLR/VLBI/LOCAL CONTROL/FOOTPRINT/etc)
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     Tied Marker CDP Number   : (A4)
     Tied Marker DOMES Number : (A9)
     Differential Components from GNSS Marker to the tied monument (ITRS)
       dx (m)                 : (m)
       dy (m)                 : (m)
       dz (m)                 : (m)
     Accuracy (mm)            : (mm)
     Survey method            : (GPS CAMPAIGN/TRILATERATION/TRIANGULATION/etc)
     Date Measured            : (CCYY-MM-DDThh:mmZ)
     Additional Information   : (multiple lines)


6.   Frequency Standard

6.1  Standard Type            : (INTERNAL or EXTERNAL H-MASER/CESIUM/etc)
       Input Frequency        : (if external)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

6.x  Standard Type            : (INTERNAL or EXTERNAL H-MASER/CESIUM/etc)
       Input Frequency        : (if external)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

7.   Collocation Information

7.1  Instrumentation Type     : (GPS/GLONASS/DORIS/PRARE/SLR/VLBI/TIME/etc)
       Status                 : (PERMANENT/MOBILE)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

7.x  Instrumentation Type     : (GPS/GLONASS/DORIS/PRARE/SLR/VLBI/TIME/etc)
       Status                 : (PERMANENT/MOBILE)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)


8.   Meteorological Instrumentation

8.1.1 Humidity Sensor Model   :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy (% rel h)     : (% rel h)
       Aspiration             : (UNASPIRATED/NATURAL/FAN/etc)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.1.x Humidity Sensor Model   :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy (% rel h)     : (% rel h)
       Aspiration             : (UNASPIRATED/NATURAL/FAN/etc)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.2.1 Pressure Sensor Model   :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy               : (hPa)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.2.x Pressure Sensor Model   :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy               : (hPa)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)
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8.3.1 Temp. Sensor Model      :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy               : (deg C)
       Aspiration             : (UNASPIRATED/NATURAL/FAN/etc)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.3.x Temp. Sensor Model      :
       Manufacturer           :
       Serial Number          :
       Data Sampling Interval : (sec)
       Accuracy               : (deg C)
       Aspiration             : (UNASPIRATED/NATURAL/FAN/etc)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.4.1 Water Vapor Radiometer  :
       Manufacturer           :
       Serial Number          :
       Distance to Antenna    : (m)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.4.x Water Vapor Radiometer  :
       Manufacturer           :
       Serial Number          :
       Distance to Antenna    : (m)
       Height Diff to Ant     : (m)
       Calibration date       : (CCYY-MM-DD)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Notes                  : (multiple lines)

8.5.1 Other Instrumentation   : (multiple lines)

8.5.x Other Instrumentation   : (multiple lines)


9.  Local Ongoing Conditions Possibly Affecting Computed Position

9.1.1 Radio Interferences     : (TV/CELL PHONE ANTENNA/RADAR/etc)
       Observed Degradations  : (SN RATIO/DATA GAPS/etc)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)

9.1.x Radio Interferences     : (TV/CELL PHONE ANTENNA/RADAR/etc)
       Observed Degradations  : (SN RATIO/DATA GAPS/etc)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)

9.2.1 Multipath Sources       : (METAL ROOF/DOME/VLBI ANTENNA/etc)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)

9.2.x Multipath Sources       : (METAL ROOF/DOME/VLBI ANTENNA/etc)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)

9.3.1 Signal Obstructions     : (TREES/BUILDLINGS/etc)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)

9.3.x Signal Obstructions     : (TREES/BUILDLINGS/etc)
       Effective Dates        : (CCYY-MM-DD/CCYY-MM-DD)
       Additional Information : (multiple lines)

10.  Local Episodic Effects Possibly Affecting Data Quality

10.1 Date                     : (CCYY-MM-DD/CCYY-MM-DD)
     Event                    : (TREE CLEARING/CONSTRUCTION/etc)

10.x Date                     : (CCYY-MM-DD/CCYY-MM-DD)
     Event                    : (TREE CLEARING/CONSTRUCTION/etc)
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11. On-Site, Point of Contact Agency Information

Agency	: INSTITUTO GEOGRAFICO AGUSTIN CODAZZI
Preferred Abbreviation	: IGAC
Mailing Address	: Carrera 30 No. 48 - 51 Bogota, Colombia
Primary Contact	
Contact Name	: Subdirección Cartográfica y Geodésica
Telephone (primary)	: +571 369 4000 Ext. 91606
Telephone (secondary)	:
Fax	:
E-mail	: magnaeco@igac.gov.co
Secondary Contact	
Contact Name	:
Telephone (primary)	:
Telephone (secondary)	:
Fax	:
E-mail	:
Additional Information	:

12. Responsible Agency (if different from 11.)

Agency	: INSTITUTO GEOGRAFICO AGUSTIN CODAZZI
Preferred Abbreviation	: IGAC
Mailing Address	: Carrera 30 No. 48 - 51 Bogota, Colombia
Primary Contact	Subdirección Cartográfica y Geodésica
Contact Name	: Administrador MAGNA-ECO
Telephone (primary)	: +571 369 4000 Ext. 91606
Telephone (secondary)	:
Fax	:
E-mail	: magnaeco@igac.gov.co
Secondary Contact	
Contact Name	:
Telephone (primary)	:
Telephone (secondary)	:
Fax	:
E-mail	:
Additional Information	: (multiple lines)

13. More Information

Primary Data Center	: IGAC (Bogota, Colombia)
Secondary Data Center	: DGFI (Munich, Germany)
URL for More Information	:
Hardcopy on File	
Site Map	: https://www.colombiaenmapas.gov.co
Site Diagram	: (Y or URL)
Horizon Mask	: (Y or URL)
Monument Description	: http://www.igac.gov.co
Site Pictures	: (Y or URL)
Additional Information	: (multiple lines)

14. Antenna Graphics with Dimensions

TRM59800.00

