

Sensors Metadata

General information

| | | |
|----------------|--------------------------|--|
| Identification | ID | |
| | long name | LI-820 CO2 Analyzer |
| | short name | LI-820 CO ₂ |
| | manufacturer | LI-COR |
| | model | LI-820 CO ₂ |
| | serial number | CGA-1817 |
| Classification | application | The LI-820 CO2 Analyzer is a low maintenance, economical gas analyzer designed for continuous monitoring applications. |
| | type | |
| | observation measurements | CO2 (ppm) |
| Description | name | The LI-820 CO2 Analyzer is a low maintenance, economical gas analyzer designed for continuous monitoring applications. |
| | keywords | Sensor, Biodiversity, Climate Change |
| | text description | |

Constrains

| | | |
|-----------------------|---------------------|---|
| Security | text | |
| Time Range | start | 26/03/2012 |
| | end | No end date |
| Legislative framework | rights, description | Data ownership: UPC-SARTI |
| | URL document | http://www.upc.edu/cdsarti/OBSEA/mdSensors/Documentos/Plantilla%20acord%20confidencialitat%20de%20dades%20-%20UPC%20SARTI.pdf |

Properties

| | | |
|-----------------|---------------------|---|
| Characteristics | physical properties | Non-dispersive infrared (NDIR) gas analyzer based upon a single path, dual wavelength infrared detection system. |
| | memory | |
| | battery | |
| | URL document | http://www.upc.edu/cdsarti/OBSEA/mdSensors/Datasheet/Datasheet_CO2%20Li820.pdf |
| Capabilities | text description | |
| | resolution, ranges | CO2 measurement range (0 to 20000 ppm), CO2 accuracy (<3% of reading) |
| | quality | |
| | URL capabilities | http://esonet.epsevg.upc.es:8080/OostethysObseaSos/sos?VERSION=1.0.0&SERVICE=SOS&REQUEST=GetCapabilities |

References

| | | |
|---------------|---------------|---|
| Contact | data provider | SARTI, Centre Tecnològic de Vilanova i la Geltrú Rambla Exposició 24 Edifici, C - 08800 Vilanova i la Geltrú (Barcelona) |
| Documentation | URL document | |

History

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|--------------|-----------------|--|
| Installation | Dates, operator | Installed on 26/03/2012 |
| Calibration | Dates, report | Performance verification: 24 Jan 2012 http://www.upc.edu/cdsarti/OBSEA/mdSensors/Calibraciones/CO2%20Li820.pdf |

Components

| | | |
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| | | |
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Location

| | | |
|--|----------------|----------------------------------|
| | postal address | |
| | latitude | 41°13'24.82"N |
| | longitude | 1°44'10.78"E |
| | height | Height above street level: 10 m. |

Geographic coverage

| | | |
|---------------------|--------------|--|
| Geographic coverage | bounding box | |
|---------------------|--------------|--|

Data access

| | | |
|---------|-----|--|
| Address | URL | Web Interface: http://www.obsea.es/ SOS Server Oostethys: http://esonet.epsevg.upc.es:8080/OostethysObseaSos/ SOS Server 52 north: http://esonet.epsevg.upc.es:8080/52nObseaSos/ SOS Client 52 north : http://esonet.epsevg.upc.es:8080/52nObseaSos/ 1451 Server: http://esonet.epsevg.upc.es:1451/1451/ 1451 Client: http://esonet.epsevg.upc.es:8080/1451/testclient.htm |
| | | Constrains |