

CloudSense

Version 2.0

Technical Document

SOS Station API

OGC API Reference

Version 1.0

For SOS Station ONLY

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1 Introduction

This document outlines the OGC-based Application Programming Interface (OGC-API) for SOS Station.

This API provides a very powerful means of accessing information from the SOS Station and making it available to other applications.

**** This API is work only for SOS Station, please refer to CS API for CloudSense ****

2 How to use

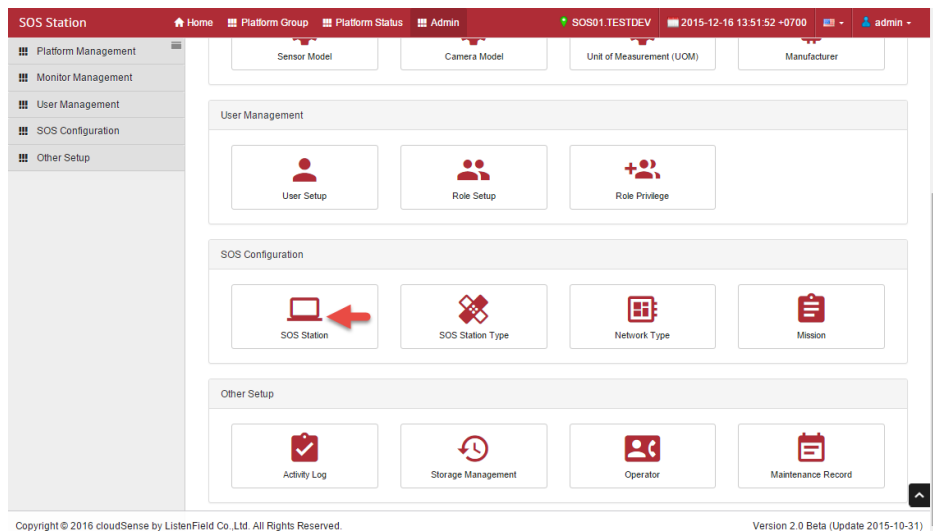
Using the OGC-API, you can simply call methods by their name and pass parameters. The results are returned back as O&M XML that can then be parsed via client scripting and applied to the body of the web page. Basically, there are two main steps for calling API functions.

1. Identify Token Key for accessing data. For SOS API, Token Key is SOS Unique Code.
2. Call OGC-API function with Key parameter in the step 1. API functions and their parameters are listed in next section.

Ex: <http://<URL>/OGCAPIV2.jsp?Key=xxxx>

2.1 Identify Token Key

For SOS Station, Token Key is SOS Unique Code. It is under menu Admin -> SOS Station. Under License Information section, you can find SOS Unique Code. Its value is Token Key.



3 OGC Methods

3.1 GetCapabilities

This method returns current capabilities of a specific SOS stations. All field servers and sensors are included in response result.

Compatibility:

OGC API Version 1.0

Request Method:

POST METHOD

Request URL:

http://<URL>/ OGCAPIV2.jsp?Key=xxxx

URL Parameters:

Name	Type	Description
Key	String	Token Key for security purpose. Please refer to section 2

POST Data:

```
<GetCapabilities xmlns="http://www.opengis.net/sos/1.0"
    xmlns:ows="http://www.opengis.net/ows/1.1"
    xmlns:ogc="http://www.opengis.net/ogc"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://www.opengis.net/sos/1.0
    http://schemas.opengis.net/sos/1.0.0/sosGetCapabilities.xsd"
    service="SOS">
    <ows:AcceptVersions>
        <ows:Version>1.0.0</ows:Version>
    </ows:AcceptVersions>
    <ows:Sections>
        <ows:Section>ServiceIdentification</ows:Section>
        <ows:Section>ServiceProvider</ows:Section>
        <ows:Section>OperationsMetadata</ows:Section>
        <ows:Section>Contents</ows:Section>
    </ows:Sections>
</GetCapabilities>
```

Results:

```
<sos:Capabilities version="2.0.0" xsi:schemaLocation="http://www.opengis.net/sos/2.0
http://schemas.opengis.net/sos/2.0/sos.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:wsa="http://www.w3.org/2005/08/addressing"
xmlns:swe="http://www.opengis.net/swe/2.0" xmlns:swes="http://www.opengis.net/swes/2.0"
xmlns:ows="http://www.opengis.net/ows/1.1" xmlns:sos="http://www.opengis.net/sos/2.0"
xmlns:fes="http://www.opengis.net/fes/2.0" xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:ogc="http://www.opengis.net/ogc" xmlns:xlink="http://www.w3.org/1999/xlink">
<ows:ServiceIdentification>
  <ows:Title>cloudSense</ows:Title>
  <ows:Abstract>cloudSense Server</ows:Abstract>
  <ows:Keywords>
    <ows:Keyword>Weather</ows:Keyword>
    <ows:Keyword>Environment</ows:Keyword>
    <ows:Keyword>Agriculture</ows:Keyword>
  </ows:Keywords>
  <ows:ServiceType codeSpace="http://opengeospatial.net">OGC:SOS</ows:ServiceType>
  <ows:ServiceTypeVersion>1.0.0</ows:ServiceTypeVersion>
  <ows:Fees>NONE</ows:Fees>
  <ows:AccessConstraints>NONE</ows:AccessConstraints>
</ows:ServiceIdentification>
<ows:ServiceProvider>
  <ows:ProviderName>Chubu University</ows:ProviderName>
  <ows:ProviderSite xlink:href="http://www.hondalab.net/" />
  <ows:ServiceContact>
    <ows:IndividualName>Kiyoshi Honda</ows:IndividualName>
    <ows:PositionName/>
    <ows:ContactInfo>
      <ows:Address>
        <ows:DeliveryPoint>Chubu University</ows:DeliveryPoint>
        <ows:City>Kasugai</ows:City>
        <ows:AdministrativeArea>Aichi</ows:AdministrativeArea>
        <ows:PostalCode/>
        <ows:Country>Japan</ows:Country>
        <ows:ElectronicMailAddress>honda.kiyoshi@gmail.com</ows:ElectronicMailAddress>
      </ows:Address>
    </ows:ContactInfo>
  </ows:ServiceContact>
</ows:ServiceProvider>
</ows:ServiceIdentification>
</ows:ServiceIdentification>
```



```

</ows:ServiceProvider>
<ows:OperationsMetadata>
  <ows:Operation name="GetCapabilities">
    <ows:DCP>
      <ows:HTTP>
        <ows:Post xlink:href="http://localhost:8080/sensorasia-ssg/OGCAPIV2.jsp"/>
      </ows:HTTP>
    </ows:DCP>
  </ows:Operation>
  <ows:Operation name="DescribeSensor">
    <ows:DCP>
      <ows:HTTP>
        <ows:Post xlink:href="http://localhost:8080/sensorasia-ssg/OGCAPIV2.jsp"/>
      </ows:HTTP>
    </ows:DCP>
  </ows:Operation>
  <ows:Operation name="GetObservation">
    <ows:DCP>
      <ows:HTTP>
        <ows:Post xlink:href="http://localhost:8080/sensorasia-ssg/OGCAPIV2.jsp"/>
      </ows:HTTP>
    </ows:DCP>
  </ows:Operation>
</ows:OperationsMetadata>
<sos:contents>
  <sos:Contents>
    <swes:procedureDescriptionFormat>http://www.opengis.net/sensorML/1.0.1</swes:procedureDescriptionFormat>
    <swes:offering>
      <sos:ObservationOffering>
        <swes:description>FUCHU-44116</swes:description>
        <swes:name>MeteoCropDB_FUCHU-44116</swes:name>
        <swes:procedure>SakuraSOS:MeteoCropDB_FUCHU-44116</swes:procedure>
        <sos:observedProperty>daily_average_air_temperature</swes:observableProperty>
        <sos:observedProperty>daily_maximum_air_temperature</swes:observableProperty>
        <sos:observedProperty>daily_minimum_air_temperature</swes:observableProperty>
        <sos:observedProperty>daily_precipitation</swes:observableProperty>
        <sos:observedProperty>daily_average_air_pressure</swes:observableProperty>
        <sos:observedProperty>vapor_pressure</swes:observableProperty>
        <sos:observedProperty>vapor_pressure_deficit</swes:observableProperty>
      </sos:ObservationOffering>
    </swes:offering>
  </sos:Contents>
</sos:contents>

```

```
<sos:observedProperty>relative_humidity</swes:observableProperty>
<sos:observedProperty>daily_minimum_relative_humidity</swes:observableProperty>
<sos:observedProperty>daily_average_wind_speed</swes:observableProperty>
<sos:observedProperty>daily_maximum_wind_speed</swes:observableProperty>
<sos:observedProperty>daily_sunshine_duration</swes:observableProperty>
<sos:observedProperty>daily_average_solar_irradiance</swes:observableProperty>
<sos:observedProperty>longwave_solar_radiation</swes:observableProperty>
<sos:observedProperty>potential_evapotranspiration</swes:observableProperty>
<sos:observedProperty>evapotranspiration_FAO</swes:observableProperty>
<sos:observedProperty>water_temperature_lai_0</swes:observableProperty>
<sos:observedProperty>water_temperature_lai_inf</swes:observableProperty>
<sos:observedArea>
<gml:Envelope srsName="http://www.opengis.net/def/crs/EPSSG/0/4326">
  <gml:lowerCorner>35.683 139.483</gml:lowerCorner>
  <gml:upperCorner>35.683 139.483</gml:upperCorner>
</gml:Envelope>
</sos:observedArea>
  <sos:phenomenonTime>
    <gml:TimePeriod gml:id="phenomenonTime">
      <gml:beginPosition>1976-12-15T00:00:00+0900</gml:beginPosition>
      <gml:endPosition>2016-08-16T00:00:00+0900</gml:endPosition>
    </gml:TimePeriod>
  </sos:phenomenonTime>
</sos:ObservationOffering>
</swes:offering><sos:responseFormat>http://www.opengis.net/om/2.0</sos:responseFormat>
<sos:observationType>http://www.opengis.net/def/observationType/OGC-
OM/2.0/OM_ComplexObservation</sos:observationType>
</sos:Contents>
</sos:contents>
</sos:Capabilities>
```

3.2 DescribeSensor

This method returns information of field station in response result.

Compatibility:

OGC API Version 1.0

Request Method:

POST METHOD

Request URL:

http://<URL>/ OGCAPIV2.jsp?Key=xxxx

Procedure:

SOS name+”:”+Platform Name

For example: SOS name=SOS01, Platform Name = platform1

Procedure = SOS01:platform1

URL Parameters:

Name	Type	Description
Key	String	Token Key for security purpose. Please refer to section 2

POST Data:

```
<swes:DescribeSensor xmlns="http://www.opengis.net/swes/2.0" service="SOS" version="2.0.0"
  xmlns:sos="http://www.opengis.net/sos/2.0" xmlns:fes="http://www.opengis.net/fes/2.0"
  xmlns:gml="http://www.opengis.net/gml/3.2" xmlns:swe="http://www.opengis.net/swe/2.0"
  xmlns:swes="http://www.opengis.net/swes/2.0" xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.opengis.net/swes/2.0
  http://schemas.opengis.net/swes/2.0/swes.xsd">
  <procedure> SOS01:platform1</procedure>
  <procedureDescriptionFormat>http://www.opengis.net/sensorml/1.0.1</procedureDescriptionFormat>
</swes:DescribeSensor>
```

Results:

```

<sml:SensorML xmlns:sml="http://www.opengis.net/sensorML/1.0.1" version="1.0.1"
xmlns:gml="http://www.opengis.net/gml" xmlns:swe="http://www.opengis.net/swe/1.0.1"
xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.opengis.net/sensorML/1.0.1
http://schemas.opengis.net/sensorML/1.0.1/sensorML.xsd
http://schemas.opengis.net/gml/3.1.1/base/gml.xsd http://schemas.opengis.net/sweCommon/1.0.1/swe.xsd">
<sml:member>
<sml:System>
  <sml:identification>
    <sml:IdentifierList>
      <sml:identifier name="serialNumber">
        <sml:Term>
          <sml:value>44116</sml:value>
        </sml:Term>
      </sml:identifier>
      <sml:identifier name="locationName">
        <sml:Term>
          <sml:value>UCHU SHI, TOKYO TO</sml:value>
        </sml:Term>
      </sml:identifier>
      <sml:identifier name="platformName">
        <sml:Term>
          <sml:value>MeteoCropDB_FUCHU-44116</sml:value>
        </sml:Term>
      </sml:identifier>
      <sml:identifier name="platformDescription">
        <sml:Term>
          <sml:value>FUCHU-44116</sml:value>
        </sml:Term>
      </sml:identifier>
    </sml:IdentifierList>
  </sml:identification>
  <sml:contact>
    <sml:ContactList>
      <sml:member xlink:role="http://mmisw.org/ont/ioos/definition/operator">
        <sml:ResponsibleParty>
          <sml:organizationName>-</sml:organizationName>
        </sml:ResponsibleParty>
      </sml:member>
    </sml:ContactList>
  </sml:contact>
</sml:System>
</sml:member>
</sml:SensorML>

```

```

        <sml:contactInfo>
            <sml:address>
                <sml:deliveryPoint>-</sml:deliveryPoint>
                <sml:city>-</sml:city>

        <sml:administrativeArea>NA</sml:administrativeArea>
            <sml:postalCode>NA</sml:postalCode>
            <sml:country>-</sml:country>
            <sml:electronicMailAddress>-
</sml:electronicMailAddress>
            </sml:address>
        </sml:contactInfo>
    </sml:ResponsibleParty>
</sml:member>
</sml:ContactList>
</sml:contact>
<sml:documentation>
    <sml:DocumentList>
        <sml:member name="platformDocuments">
            <sml:Document version="1.0">
                <gml:description>the description of documents.</gml:description>
                <sml:date>N/A</sml:date>
                <sml:format/>
                <sml:onlineResource/>
            </sml:Document>
        </sml:member>
    </sml:DocumentList>
</sml:documentation>
<sml:components>
    <sml:ComponentList>
        <sml:component>
            <sml:System>
                <sml:identification>
                    <sml:IdentifierList>
                        <sml:identifier name="shortName">
                            <sml:Term
definition="http://mmisw.org/ont/ioos/definition/shortName">
                                <sml:value>Temperature</sml:value>
                            </sml:Term>

```

```

        </sml:identifier>
        <sml:identifier name="longName">
        <sml:Term definition="http://mmisw.org/ont/ioos/definition/longName">
        <sml:value>Temperature</sml:value>
        </sml:Term>
        </sml:identifier>
        <sml:identifier name="manufacturer">
        <sml:Term definition="urn:ogc:def:identifier:OGC:manufacturer">
        <sml:value/>
        </sml:Term>
        </sml:identifier>
        <sml:identifier name="modelName">
        <sml:Term definition="urn:ogc:def:identifier:OGC:modelNumber">
        <sml:value/>
        </sml:Term>
        </sml:identifier>
        <sml:identifier name="locationName">
        <sml:Term definition="http://hondalab.net/sos20/definition/locationName">
        <sml:value>UCHU SHI, TOKYO TO</sml:value>
        </sml:Term>
        </sml:identifier>
    </sml:IdentifierList>
</sml:identification>
<sml:classification>
<sml:ClassifierList>
<sml:classifier name="intendedApplication">
    <sml:Term definition="urn:ogc:def:classifier:OGC:application">
    <sml:value/>
    </sml:Term>
</sml:classifier>
    <sml:classifier name="sensorType">
    <sml:Term definition="urn:sensor:classifier:sensorType">
    <sml:value>Thermal</sml:value>
    </sml:Term>
</sml:classifier>
</sml:ClassifierList>
</sml:classification>
sml:capabilities>

```

```

<swe:DataRecord>
  <swe:field name="observationTimeRange">
    <swe:TimeRange
definition="http://mmisw.org/ont/ioos/swe_element_type/observationTimeRange">
      <swe:value>2016-08-17T00:00:00+0900 2016-08-16T00:00:00+0900</swe:value>
      </swe:TimeRange>
    </swe:field>
    <swe:field name="observationRangeOfMeasuredValue">
      <swe:QuantityRange
definition="http://hondalab.net/sos20/definition/observationRangeOfMeasuredValue">
        <swe:uom code="°C"/>
        <swe:value/>
      </swe:QuantityRange>
    </swe:field>
    <swe:field name="observationTimeWindow">
      <swe:Quantity definition="http://hondalab.net/sos20/definition/observationTimeWindow">
        <swe:uom code="sec"/>
        <swe:value>300</swe:value>
      </swe:Quantity>
    </swe:field>
    <swe:field name="observationInterval">
      <swe:Quantity definition="http://hondalab.net/sos20/definition/observationInterval">
        <swe:uom code="sec"/>
        <swe:value>300</swe:value>
      </swe:Quantity>
    </swe:field>
    <swe:field name="observationIntervalStrict">
      <swe:Boolean definition="http://hondalab.net/sos20/definition/observationIntervalStrict">
        <swe:value>true</swe:value>
      </swe:Boolean>
    </swe:field>
    <swe:field name="observationTimingStrict">
      <swe:Boolean definition="http://hondalab.net/sos20/definition/observationTimingStrict">
        <swe:value>true</swe:value>
      </swe:Boolean>
    </swe:field>
    <swe:field name="observationTarget">
      <swe:Category definition="http://hondalab.net/sos20/definition/observationTarget">

```



```

        <swe:codeSpace xlink:href="http://hondalab.net/sos20/codeSpace/observationTarget"/>
            <swe:value>Thermal</swe:value>
            </swe:Category>
        </swe:field>
    <swe:field name="observationProperty">
        <swe:Category definition="http://hondalab.net/sos20/definition/observationProperty">
            <swe:codeSpace xlink:href="http://hondalab.net/sos20/codeSpace/observationProperty"/>
            <swe:value>daily_average_air_temperature</swe:value>
            </swe:Category>
            </swe:field>
            <swe:field name="conversionAlgorithm">
                <swe:Quantity definition="">
                    <swe:value>X</swe:value>
                </swe:Quantity>
            </swe:field>
            <swe:field name="observationCondition">
                <swe:Text>
                    <swe:value/>
                </swe:Text>
            </swe:field>
        </swe>DataRecord>
    </sml:capabilities>
    <sml:outputs>
        <sml:OutputList>
            <sml:output name="daily_average_air_temperature">
                <swe:observableProperty>daily_average_air_temperature</swe:observableProperty>
            </sml:output>
        </sml:OutputList>
    </sml:outputs>
    <sml:positions>
        <sml:PositionList>
            <sml:position name="sensorPosition">
                <swe:Position referenceFrame="urn:ogc:crs:EPSG:4329">
                    <swe:location>
                        <swe:Vector definition="urn:ogc:def:property:OGC:location">
                            <swe:coordinate name="latitude">
                                <swe:Quantity axisID="Y">
                                    <swe:uom code="deg"/>
                                </swe:Quantity>
                            </swe:coordinate>
                        </swe:Vector>
                    </swe:location>
                </swe:Position>
            </sml:position>
        </sml:PositionList>
    </sml:positions>

```

```

        <swe:value>35.683</swe:value>
    </swe:Quantity>
</swe:coordinate>
<swe:coordinate name="longitude">
    <swe:Quantity axisID="X">
        <swe:uom code="deg"/>
        <swe:value>139.483</swe:value>
    </swe:Quantity>
</swe:coordinate>
<swe:coordinate name="altitude">
    <swe:Quantity axisID="Z">
        <swe:uom code="m"/>
        <swe:value>59</swe:value>
    </swe:Quantity>
</swe:coordinate>
</swe:Vector>
</swe:location>
</swe:Position>
</sml:position>
</sml:PositionList>
</sml:positions>
</sml:System>
</sml:component>
</sml:ComponentList>
</sml:components>
<sml:positions>
    <sml:PositionList>
        <sml:position name="StationPosition">
            <swe:Position referenceFrame="urn:ogc:crs:EPSG:4329">
                <swe:location>
                    <swe:Vector definition="urn:ogc:def:property:OGC:location">
                        <swe:coordinate name="latitude">
                            <swe:Quantity axisID="Y">
                                <swe:uom code="deg"/>
                                <swe:value>35.683</swe:value>
                            </swe:Quantity>
                        </swe:coordinate>
                        <swe:coordinate name="longitude">

```

```
        <swe:Quantity axisID="X">
        <swe:uom code="deg"/>
        <swe:value>139.483</swe:value>
    </swe:Quantity>
    </swe:coordinate>
    <swe:coordinate name="altitude">
        <swe:Quantity axisID="Z">
        <swe:uom code="m"/>
        <swe:value>59</swe:value>
    </swe:Quantity>
    </swe:coordinate>
    </swe:Vector>
    </swe:location>
    </swe:Position>
    </sml:position>
    </sml:PositionList>
    </sml:positions>
</sml:System>
</sml:member>
</sml:SensorML>
```

3.3 GetObservation

This method returns records of monitored data during specific period of sensors under specific field server.

Compatibility:

OGC API Version 1.0

Request Method:

POST METHOD

Request URL:

<http://54.65.217.127/csibunya/SOSAPIV1.jsp?Key=xxxx>

URL Parameters:

Name	Type	Description
Key	String	Token Key for security purpose. Please refer to section 2

***Remark for image data:** To show the image, please put it in html tag

```
<om:result uom="jpg" channel="1">  
  http://54.65.217.127/csibunya/GetImage.jsp?imageId=XXXX  
</om:result>
```

POST Data:

```
<sos:GetObservation service="SOS" version="2.0.0" xsi:schemaLocation="http://www.opengis.net/sos/2.0
    http://schemas.opengis.net/sos/2.0/sos.xsd"
xmlns:sos="http://www.opengis.net/sos/2.0" xmlns:wsa="http://www.w3.org/2005/08/addressing"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:swe="http://www.opengis.net/swe/2.0" xmlns:swes="http://www.opengis.net/swes/2.0"
xmlns:fes="http://www.opengis.net/fes/2.0" xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:ogc="http://www.opengis.net/ogc" xmlns:om="http://www.opengis.net/om/1.0">
    <sos:offering>SakuraSOS:MeteoCropDB_FUCHU-44116</sos:offering>
    <sos:observedProperty>daily_average_air_temperature</sos:observedProperty>
    <sos:temporalFilter>
        <fes:During>
            <fes:ValueReference>phenomenonTime</fes:ValueReference>
            <gml:TimePeriod gml:id="t1">
                <gml:beginPosition>2015-11-06T15:55:30+0700</gml:beginPosition>
                <gml:endPosition>2015-11-06T22:55:30+0700</gml:endPosition>
            </gml:TimePeriod>
        </fes:During>
    </sos:temporalFilter>
</sos:GetObservation>
```

POST Data Parameters:

Name	Type	Description
Offering	String	Specify FieldServer with its hierarchy <SOS name>:<Field Server Name> Ex: NAGOYAU-FARM:FieldRouter-001
observedProperty	String	Sensor Name (Can be multiple) Ex: outhumid
eventTime	String	<p>Specify time period of the observation data. There are 3 kinds of event time: period, getFirst, getLast</p> <p>Date format is “yyyy-MM-ddTHH:mm:ssZ” (T is fixed)</p> <p>For period: <eventTime> <ogc:TM_During> <ogc:PropertyName> om:samplingTime</ogc:PropertyName> <gml:TimePeriod> <gml:beginPosition>2011-01-01T00:00:00+0700</gml:beginPosition> <gml:endPosition>2011-03-01T00:00:00+0700</gml:endPosition> </gml:TimePeriod> </ogc:TM_During> </eventTime></p> <p>For getFirst: <eventTime> <ogc:TM_Equals> <ogc:PropertyName>om:samplingTime</ogc:PropertyName> <gml:TimeInstant> <gml:timePosition>getFirst</gml:timePosition> </gml:TimeInstant> </ogc:TM_Equals> </eventTime></p> <p>For getLast (latest): <eventTime> <ogc:TM_Equals> <ogc:PropertyName>om:samplingTime</ogc:PropertyName> <gml:TimeInstant> <gml:timePosition>latest</gml:timePosition> </gml:TimeInstant> </ogc:TM_Equals> </eventTime></p>

Results:

```

<sos:GetObservationResponse xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.opengis.net/sos/2.0 http://schemas.opengis.net/sos/2.0/sos.xsd"
xmlns:wsa="http://www.w3.org/2005/08/addressing" xmlns:swe="http://www.opengis.net/swe/2.0"
xmlns:swes="http://www.opengis.net/swes/2.0" xmlns:ows="http://www.opengis.net/ows/1.1"
xmlns:sos="http://www.opengis.net/sos/2.0" xmlns:fes="http://www.opengis.net/fes/2.0"
xmlns:gml="http://www.opengis.net/gml/3.2" xmlns:ogc="http://www.opengis.net/ogc"
xmlns:om="http://www.opengis.net/om/2.0" xmlns:xlink="http://www.w3.org/1999/xlink">
  <sos:observationData>
    <om:OM_Observation gml:id="212275381">
      <om:type xlink:href="http://www.opengis.net/def/observationType/OGC-
OM/2.0/OM_Measurement"/>
      <om:phenomenonTime>
        <gml:TimeInstant gml:id="phenomenonTime">
          <gml:timePosition>2015-11-07T00:00:00+0900</gml:timePosition>
        </gml:TimeInstant>
      </om:phenomenonTime>
      <om:resultTime xlink:href="#phenomenonTime"/>
      <om:procedure>Sakura.SOS:MeteoCropDB_FUCHU-44116</om:procedure>
      <om:parameter>
        <om:NamedValue>
          <om:name
xlink:href="http://www.opengis.net/req/omxml/2.0/data/samplingGeometry"/>
          <om:value>
            <gml:Point gml:id="SamplingPoint212275381">
              <gml:pos
srsName="http://www.opengis.net/def/crs/EPSG/0/4326">35.683 139.483</gml:pos>
            </gml:Point>
          </om:value>
        </om:NamedValue>
      </om:parameter>
      <om:observedProperty>"daily_average_air_temperature"</om:observedProperty>
      <om:featureOfInterest xlink:href="SamplingPoint212275381"/>
      <om:result xsi:type="gml:MeasureType" uom="&deg;C">15.6</om:result>
    </om:OM_Observation>
  </sos:observationData>
</sos:GetObservationResponse>

```