



Sample GML code

Request: `http://www.lio.mnr.gov.on.ca/wfs&
SERVICE = WFS&
VERSION = 1.0.0&
REQUEST = GetFeature&
TYPENAME = Climate_Station_Observation_and_Station
FILTER = <Filter>`

```
        <Within>  
            <PropertyName>Climate_Station/Point_Shape_Geometry</PropertyName>  
            <gml:Box>  
                gml:Coordinates>-79,45,-78,46</gml:Coordinates>  
            </gml:box>  
        </Within>  
    </Filter>  
SECURITYTOKEN = AF1587BB093D7C62E4386501A8FDB149
```

Returns:

```
<?xml version="1.0" encoding="UTF-8"?>  
<myns:LIOObject xmlns="http://www.someserver.com/myns" xmlns:myns="http://www.someserver.com/myns"  
  xmlns:gml="http://www.opengis.net/gml" xmlns:wfs="http://www.opengis.net/wfs"  
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.someserver.com/myns  
  LIOSchema1.xsd">  
  <gml:boundedBy>  
    <gml:null>inapplicable</gml:null>  
  </gml:boundedBy>  
  <LIOObjectInstance>  
    <Climate_Station_Observation_and_Station>  
    <FMF_OBJECT_ID>2234567890</FMF_OBJECT_ID>  
    <Climate_Monitoring_Agency_Code>EC</Climate_Monitoring_Agency_Code>  
    <Network_Name>>Environmnet Canada Ontario Climate Station Primary  
Network</Network_Name>  
    <Station_Name>CYYZ</Station_Name>  
    <Station_Identifier>S1234567</Station_Identifier>
```

```

<Climate_Measurement_DateTime>2003-04-29T14:02:11</Climate_Measurement_DateTime>
<Wind_Direction>278</Wind_Direction>
<Wind_Speed_Knots>10.0</Wind_Speed_Knots>
<Wind_Speed_Km_Hr>18.5</Wind_Speed_Km_Hr>
<Hourly_Air_Temperature_Celsius>14</Hourly_Air_Temperature_Celsius>
<Hourly_Air_Temp_Measurment_Flag>Actual</Hourly_Air_Temp_Measurment_Flag>
<DewPoint_Temperature_Celsius>6.5</DewPoint_Temperature_Celsius>
<DewPoint_Temp_Measurment_Flag>Derived</DewPoint_Temp_Measurment_Flag>
<Relative_Humidity>23</Relative_Humidity>
<Relative_Humidity_Measurment_Flag>Actual</Relative_Humidity_Measurment_Flag>
<Barometric_Pressure_kPa>999.99</Barometric_Pressure_kPa>
<Barometric_Pressure_Hg>999.99</Barometric_Pressure_Hg>
<Visibility_In_Kilometers>1.6</Visibility_In_Kilometers>
<Visibility_In_Stature_Miles>1.0</Visibility_In_Stature_Miles>
<Hourly_Precipitation_Amt>0</Hourly_Precipitation_Amt>
<Observation_Remark>
  <Observation_FMF_OBJECT_ID>223456789</Observation_FMF_OBJECT_ID>
  <Rain_Amount_1_Hour>0</Rain_Amount_1_Hour>
  <Rain_Amount_6_Hour>12</Rain_Amount_6_Hour>
  <Rain_Amount_12_Hour>30</Rain_Amount_12_Hour>
  <Rain_Amount_18_Hour>35</Rain_Amount_18_Hour>
  <Comments>March Winds and April Showers Help Bring May's Flowers</Comments>
  <Obs_Remarks_Sky_Condition>
    <Observation_FMF_OBJECT_ID>2234567890</Observation_FMF_OBJECT_ID>
    <Sky_Cover>Cyrus Clouds</Sky_Cover>
  </Obs_Remarks_Sky_Condition>
  <Obs_Remarks_Weather_Condition>
    <Observation_FMF_OBJECT_ID>223456789</Observation_FMF_OBJECT_ID>
    <Present_Weather_Condition>Beautiful</Present_Weather_Condition>
  </Obs_Remarks_Weather_Condition>
</Observation_Remark>
<Observation_Sky_Condition>
  <Observation_FMF_OBJECT_ID>2234567890</Observation_FMF_OBJECT_ID>
  <Sky_Cover>Partly Cloudy</Sky_Cover>
</Observation_Sky_Condition>
<Observation_Weather_Condition>
  <Observation_FMF_OBJECT_ID>2234567890</Observation_FMF_OBJECT_ID>
  <Present_Weather>Georgeous</Present_Weather>
</Observation_Weather_Condition>
<myns:Climate_Station>
  <Point_Shape_Geometry>
    <gml:Point srsName="http://www.opengis.net/gml/srs/epsg.xml#4326">
      <gml:coordinates> -79.5043055, 45.75 </gml:coordinates>
    </gml:Point>
  </Point_Shape_Geometry>
  <FMF_OBJECT_ID>1234567890</FMF_OBJECT_ID>
  <Climate_Monitoring_Agency_Code>EC</Climate_Monitoring_Agency_Code>
  <Climate_Network_Name>Environment Canada Ontario Climate Station Primary
Network</Climate_Network_Name>
  <Station_Name>CYYZ</Station_Name>
  <Station_Ident>S1234567</Station_Ident>

```

```
<Station_Status_Flag>Active</Station_Status_Flag>
<Collection_Year_Start>1960</Collection_Year_Start>
<Collection_Year_End xsi:nil="true"/>
<Station_Collection_Standard>Very Good</Station_Collection_Standard>
<Public_Forcst_Region>Region 17</Public_Forcst_Region>
<Measurment_Frequency>HR</Measurment_Frequency>
<Data_Collection_Method_Flag>Auto</Data_Collection_Method_Flag>
<Latitude_Degrees>45</Latitude_Degrees>
<Latitude_Minutes>30</Latitude_Minutes>
<Latitude_Seconds>15.5</Latitude_Seconds>
<Longitude_Degrees>-79</Longitude_Degrees>
<Longitude_Minutes>45</Longitude_Minutes>
<Longitude_Seconds>0.0</Longitude_Seconds>
<Logger_Manufacturer>Hewlet Packard</Logger_Manufacturer>
<Time_Zone_Factor>-5</Time_Zone_Factor>
<Climate_Station_Parameter>
  <FMF_OBJECT_ID>1234567891</FMF_OBJECT_ID>
  <CS_FMF_OBJECT_ID>1234567890</CS_FMF_OBJECT_ID>
  <Climate_Measurement_Type>RF</Climate_Measurement_Type>
  <Real_Time_Indicator>Yes</Real_Time_Indicator>
  <Parameter_Collection_Standard>Very Good</Parameter_Collection_Standard>
  <Climate_Instrument>
    <FMF_OBJECT_ID>1234567892</FMF_OBJECT_ID>
    <CS_PARAM_FMF_OBJECT_ID>1234567891</CS_PARAM_FMF_OBJECT_ID>
    <Instrument_Manufacturer>Hewlet Packard</Instrument_Manufacturer>
    <Heated_Indicator>Yes</Heated_Indicator>
  </Climate_Instrument>
  <Climate_Instrument>
    <FMF_OBJECT_ID>1234567893</FMF_OBJECT_ID>
    <CS_PARAM_FMF_OBJECT_ID>1234567891</CS_PARAM_FMF_OBJECT_ID>
    <Instrument_Manufacturer>Martin Ross</Instrument_Manufacturer>
    <Heated_Indicator>No</Heated_Indicator>
  </Climate_Instrument>
</Climate_Station_Parameter>
<Climate_Station_Parameter>
  <FMF_OBJECT_ID>1234567894</FMF_OBJECT_ID>
  <CS_FMF_OBJECT_ID>1234567890</CS_FMF_OBJECT_ID>
  <Climate_Measurement_Type>RH</Climate_Measurement_Type>
  <Real_Time_Indicator>Yes</Real_Time_Indicator>
  <Parameter_Collection_Standard>Very Good</Parameter_Collection_Standard>
  <Climate_Instrument>
    <FMF_OBJECT_ID>1234567892</FMF_OBJECT_ID>
    <CS_PARAM_FMF_OBJECT_ID>1234567891</CS_PARAM_FMF_OBJECT_ID>
    <Instrument_Manufacturer>Hewlet Packard</Instrument_Manufacturer>
    <Heated_Indicator>No</Heated_Indicator>
  </Climate_Instrument>
</Climate_Station_Parameter>
</myns:Climate_Station>
  </Climate_Station_Observation_and_Station>
</LIOObjectInstance>
</myns:LIOObject>
```

