

# Vigicrues Web

In order to activate the Vigicrues Web import as a FEWS import, it is required to set up a **TimeSeriesImportRun** module configuration file and an accompanying **IdMap** file. To make the certificate of the Vigicrues Web-API known to FEWS, a so called client.truststore is required. Since FEWS 2017.02 it is recommended to configure the truststore in the clientConfig.xml. For instruction see: [How to configure secure https connection to Matroos](#).

The root certificate in the certification path of the url must be present in the truststore. At the time of writing, this is "Certigna" and a truststore including (only) this certificate can be found [here](#). For instructions on how to create a new truststore containing the certificate or add the certificate to an existing truststore, see: [Import data using OPeNDAP](#).

The import will take the serverUrl and append it with "?CdStationHydro=<externalLocationId>&GrdSerie=<externalParameterId>", for each combination of <externalLocationId> and <externalParameterId> found in the IdMap file. Running the import in debug mode will print the full url(s) in the log window. The data in the XML-file obtained from the url(s) will be imported using the [Vigicrues Xml import](#), so please refer to that wiki for more information on how the XML is read.

Example **Import configuration file**:

```
<?xml version="1.0" encoding="UTF-8"?>
<timeSeriesImportRun xmlns="http://www.wldelft.nl/fews"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.wldelft.nl/fews http://fews.wldelft.nl/schemas/version1.0/timeSeriesImportRun.xsd">
<!-- This is an example import configuration file for importing Observations and Measurements data from a
service -->
<import>
  <general>
    <importType>Vigicrues_web</importType>
    <serverUrl>https://www.vigicrues.gouv.fr/services/observations.xml</serverUrl>
    <idMapId>IdImportVigicruesWeb</idMapId>
  </general>
  <timeSeriesSet>
    <moduleInstanceId>ImportVigicrues</moduleInstanceId>
    <valueType>scalar</valueType>
    <parameterId>Q.obs</parameterId>
    <locationSetId>VigicruesSet</locationSetId>
    <timeSeriesType>external historical</timeSeriesType>
    <timeStep unit="hour" multiplier="1"/>
    <readWriteMode>add originals</readWriteMode>
  </timeSeriesSet>
</import>
</timeSeriesImportRun>
```

Example **IdMap file**:

```
<?xml version="1.0" encoding="UTF-8"?>
<idMap version="1.1" xmlns="http://www.wldelft.nl/fews" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.wldelft.nl/fews http://fews.wldelft.nl/schemas/version1.0/idMap.xsd">
  <!--
    map internal timeseries directly to external timeseries
    externalLocation should be set to CdStationHydro
    externalParameter should be set to GrdSerie
  -->

  <map internalLocation="Vigicrues_web_1" internalParameter="Q.obs" externalLocation="L800001020"
    externalParameter="Q" />
  <map internalLocation="Vigicrues_web_2" internalParameter="Q.obs" externalLocation="B463101001"
    externalParameter="Q" />

</idMap>
```