

Uy-Dinagua import

Available since 2020.01.

Imports data from <https://app.mvotma.gub.uy/dinaguaws/dinaguaws?wsdl>.

When configuring the import for the first time, the certificate of the service needs to be added to the FEWS truststore. The certificate you can download here:

[client.cer](#)

To add it to the truststore, use F12, convert, conver certificate file to clientConfig.keystore, like shown on the image. This has to be done only one time.

1 open most recent current forecast and adjust system time
 2 open most recent forecast and adjust system time
 3 run last created task
 4 open last forecast for selection
 5 set system time to last available for selection
 6 save temporary time series
 7 ids visible
 8 names visible
 9 descriptions visible
 A verbose location tool tips
 B clear time series caches
 C run workflow test
 D restart
 E release plugin bin dirs
 F set water coach wall clock time
 G select by attributes
 H delete local data store
 I acknowledge all
 J open database viewer
 K open workflow navigator
 L open tabular config files display
 M start embedded vjdb server
 N terminate local runs Shift+F5
 O rollback modifier changes
 P database
 Q screen recording
 R convert
 S clipboard
 T export
 U user settings
 V open most recent running forecast and adjust system time
 W debug logging enabled
 X open region home
 Y show component under mouse Pause

	Dispatch time	Workflow
00:00	17-01-2020 12:58:13	UyDinagua

Parameter Group	Parameter Id	Parameter Name	Module Instance	X
	2	2	1	
	mean_sea...	mean_sea...	UyDinagua	4.1
	Stuff	Stuff	UyDinagua	4.13
	Stuff	Stuff	UyDinagua	4.35
	mean_sea...	mean_sea...	UyDinagua	4.35

- *.FL and *.BIN to xml
- netcdf file curvilinear grid cell center coordinates to csv file
- netcdf file unstructured grid node coordinates to csv file
- netcdf file unstructured grid flow link coordinates to csv file
- netcdf file unstructured grid cell contours to shape file
- netcdf file quadtree grid flow link coordinates to csv file
- netcdf file quadtree grid cell contours to shape file
- netcdf file 3Di stations to csv file
- pack dbf files (remove white space)
- convert ascii grid file(s) (*.asc) to coverage tile archive (*.cta)
- convert sll to shp
- convert dbf/dbz to csv
- convert sql to empty derby database
- convert certificate file to clientConfig.keystore
- convert shared modifiers

Configuration example:

The Dinagua service has different sources, including: DINAGUA, CTM, UTE. Different locations belong to different services. If data is required from different services, a separate import should be configured for each source, as shown below.

Connection timeout should be configured.

Please note, names of parameters may also vary per source.

```
<?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">
<import>
<general>
    <importType>UyDinagua</importType>
    <serverUrl>https://app.mvotma.gub.uy/dinaguaws/dinaguawsHttpSoap11Endpoint/</serverUrl>
<!--      this field is not used, but it is necessary to be able to configure connection timeout-->
<backupServerUrl>url</backupServerUrl>
<!--      if this field is not configured, it will be set at 2000 automatically. -->
<connectionTimeOutMillis>100000</connectionTimeOutMillis>
<user>dummy_username</user>
<password>dummy_password</password>
<relativeViewPeriod unit="day" start="-3" end="0" startOverrulable="true" endOverrulable="true"/>
<idMapId>UyDinaguaMap</idMapId>
</general>
<properties>
    <string key="Source" value="DINAGUA"></string>
</properties>
<timeSeriesSet>
    <moduleId>UyDinagua</moduleId>
    <valueType>scalar</valueType>
    <parameterId>parameter1</parameterId>
    <locationId>LocB</locationId>
    <timeSeriesType>external historical</timeSeriesType>
    <timeStep unit="nonequidistant"/>
    <readWriteMode>add originals</readWriteMode>
</timeSeriesSet>
<timeSeriesSet>
    <moduleId>UyDinagua</moduleId>
    <valueType>scalar</valueType>
    <parameterId>parameter2</parameterId>
    <locationId>LocB</locationId>
    <timeSeriesType>external historical</timeSeriesType>
    <timeStep unit="nonequidistant"/>
    <readWriteMode>add originals</readWriteMode>
</timeSeriesSet>
</import>
<import>
<general>
    <importType>UyDinagua</importType>
    <serverUrl>https://app.mvotma.gub.uy/dinaguaws/dinaguawsHttpSoap11Endpoint/</serverUrl>
<!--      this field is not used, but it is necessary to be able to configure connection timeout-->
<backupServerUrl>url</backupServerUrl>
<!--      if this field is not configured, it will be set at 2000 automatically. -->
<connectionTimeOutMillis>100000</connectionTimeOutMillis>
<user>dummy_username</user>
<password>dummy_password</password>
<relativeViewPeriod unit="day" start="-3" end="0" startOverrulable="true" endOverrulable="true"/>
<idMapId>UyDinaguaMap</idMapId>
</general>
<properties>
    <string key="Source" value="CTM"></string>
</properties>
<timeSeriesSet>
    <moduleId>UyDinagua</moduleId>
    <valueType>scalar</valueType>
    <parameterId>parameter1</parameterId>
    <locationSetId>CTMLocations</locationSetId>
    <timeSeriesType>external historical</timeSeriesType>
    <timeStep unit="nonequidistant"/>
    <readWriteMode>add originals</readWriteMode>
</timeSeriesSet>
<timeSeriesSet>
    <moduleId>UyDinagua</moduleId>
    <valueType>scalar</valueType>
    <parameterId>parameter2</parameterId>
    <locationSetId>CTMLocations</locationSetId>
    <timeSeriesType>external historical</timeSeriesType>
    <timeStep unit="nonequidistant"/>
    <readWriteMode>add originals</readWriteMode>
</timeSeriesSet>

```

```
</import>  
</timeSeriesImportRun>
```