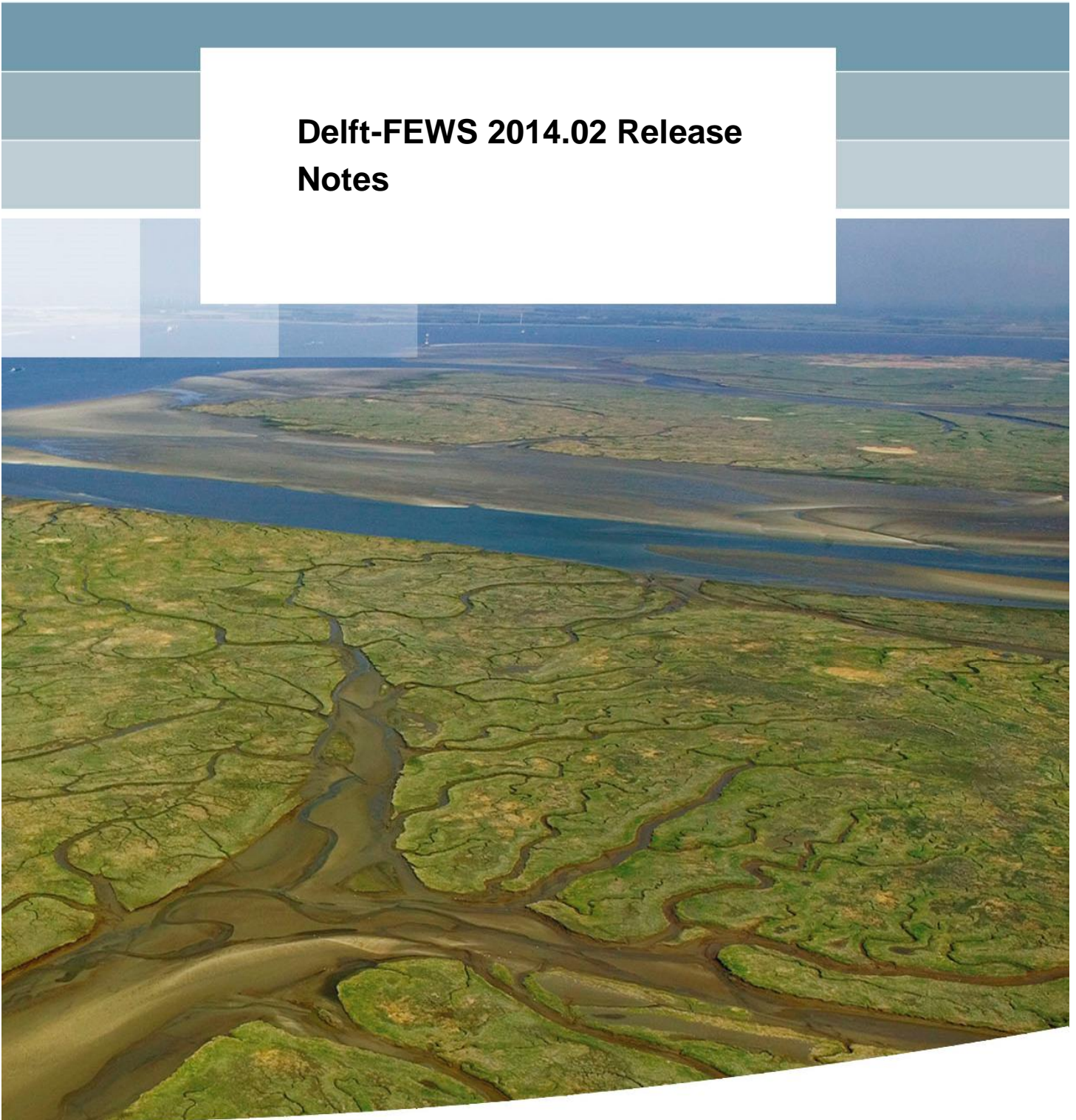


**Delft-FEWS 2014.02 Release
Notes**



Delft-FEWS 2014.02 Release Notes

1209086-009

Title

Delft-FEWS 2014.02 Release Notes

Project

1209086-009

Reference

1209086-009-ZWS-0001

Pages




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Keywords

Delft-FEWS, version 2014.02, Software, Flood Early Warning System (FEWS)

Summary

This document provides an overview of the most relevant implemented new features, solved bugs, necessary configuration changes and upgrade/install remarks for Delft-FEWS version 2014.02

Version	Date	Author	Initials	Review	Initials	Approval	Initials
1.0	jan. 2015	G. Boot		M. Ververs		G. Blom	

State

final

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1 Introduction

This document contains the Release Notes of Delft-FEWS version 2014.02.

The Release Notes consists of different aspects:

- Generic remarks about aspects of
 - the 2014.02 release
 - improvements with configuration consequences
 - the installation/upgrade procedure
- A list of solved bugs
- A list of new features

Where possible/needed a reference is included to the

<https://publicwiki.deltares.nl/display/FEWSDOC/Home>

2 Generic Remarks

2.1 The 2014.02 Release

2.1.1 Stricter Configuration Check

Again, even stricter as in previous versions, Config.WARN messages have been 'upgraded' to Config.ERROR messages. When they appear (at start up of Delft-FEWS) they have to be resolved before the workflows run properly.

2.1.2 Base version and patch mechanism (and verification)

From 2014.02 onwards, the same *base* version Delft-FEWS will be distributed amongst all users worldwide. This version has **build number #50595**. All fixed bugs or improvements made afterwards will be included in the patch (201402_patch.jar) which can and will be distributed regularly or on request. At start up, Delft-FEWS checks this base version number and verifies if the *patch.jar found in the rootConfiguration matches the version (2014.02) and corresponding base build.



2.2 Improvements with configuration consequences

The below mentioned issues are not relevant for your system if you haven't configured them. So, please check your configuration if these aspects apply.

2.2.1 Running ensembles in a loop (FEWS-11915)

If your application runs ensembles in a loop, you have to verify your global.properties have the following option:

```
runInLoopParallelProcessorCount > 1
```

If this is the case, messages of the following type may appear while running these ensemble workflows.

Config.Error: An ensemble loop can only write ensemble time series. Time series sets with configured <ensembleId>main</ensembleId> are read-only within an ensemble loop.

An additional check has been added:

Config.Error: Every <parallel></parallel> item in a workflow.xml file should write to different time series.

If these messages occur, you have to improve your configuration accordingly.

2.2.2 Client Config Database Server URL (Direct Database Access, DDA)

If your system has DDA configured, at start up the following message may appear stating that the databaseServer connection must be configured differently. The configuration of this databaseServer connection must comply to:

```
<databaseServer>
  <url>jdbc:oracle:thin:@pl-or001.xtr.deltares.nl:1521:AUBO00</url>
  <user>fews</user>
  <encryptedPassword>YmPOZdX/EuivMtwBjoK0g==</encryptedPassword>
</databaseServer>
```

2.2.3 Duplicate filter-ids

If your application has splitted RegionConfigFiles by using subfolders and postfixes to regional configuration files like filters, please make sure you use unique filterIds across all files. A Config.Error will be generated if this rule is violated.

```
[2014-12-17 12:06:50,841] ERROR - Filters.create - Config.Error: Duplicate filter id 416 - Border Rivers Basin
RegionConfigurations/QLD/Filters_QLD.xml AUBOMC00:000000016
RegionConfigurations/NSW/Filters_NSW.xml AUBOMC00:000000018
```

2.2.4 Starting Delft-FEWS (FEWS-11988)

If the directory path in which Delft-FEWS is installed contains many subdirectories (a very 'deep' installation path), the application will not start up using the old exe/jpif files due to java classpath size exceedence.

If your 'path' is rather deep, you can use an alternative start up mechanism using a new executable and an *.ini file (in stead of the *.jpif)

Details can be found here:

<https://publicwiki.deltares.nl/display/FEWSDOC/02+Launching+FEWS>

2.2.5 Samples in Delft-FEWS

If your configuration contains the use – import, process and export of (water quality) samples, a specific procedure is required to either maintain the current sample-data in your database or re-import the original water quality sample files.

If you have these in your application, prior to upgrade, please contact fews-pm@deltares.nl for custom instructions.

2.3 Installation and Upgrade Procedure

The installation and upgrade procedure is available in the (restricted) area of the <https://publicwiki.deltares.nl/display/FEWSDOC/FEWS+Client-Server+System+Installation+Guide>.

For 2014.02 install or upgrade to no specific requirements or steps are needed.


3 Solved Bugs

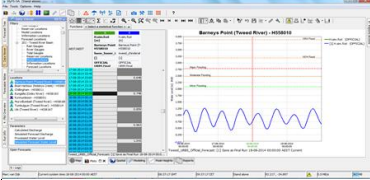
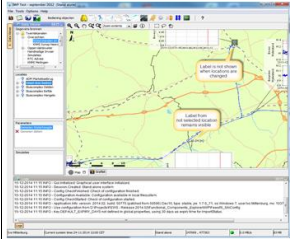
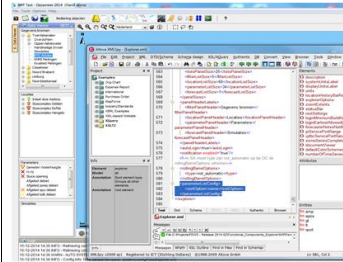
Most relevant solved Bugs can be found in Appendix A. An important remark here is that most bugs were found during testing of the *development version* of Delft-FEWS.

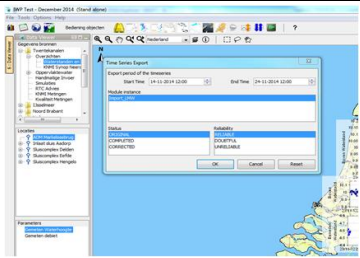
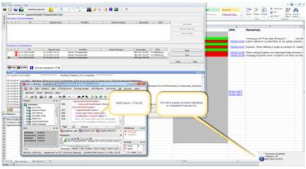
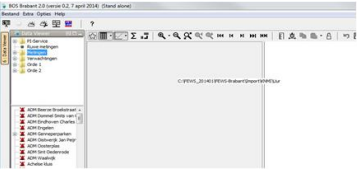
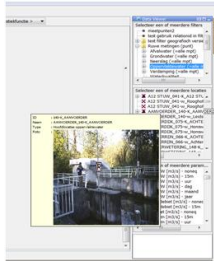
4 Implemented New Features


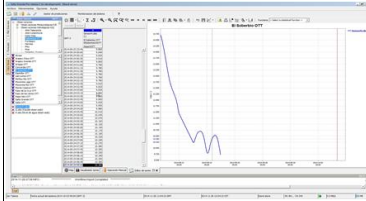
The implemented new features of 2014.02 can be found in Appendix B.


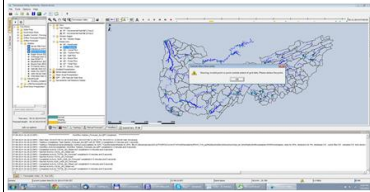
A Solved Bugs


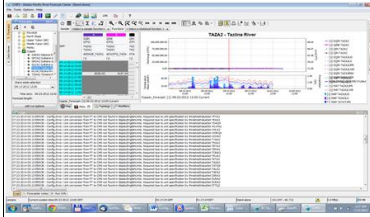
Delft-FEWS 2014.02 Solved Bugs							JIRA														
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example															
App - Admin Web User Interface	FEWS-12197	FEWS-11753 AI Event and Action Configuration "versions" button doesn't work			<p>Workflows and FSSs</p> <p>Event and Action Configuration</p> <ul style="list-style-type: none">Upload New Action Configuration <table><thead><tr><th>Action ID</th><th>Default Version</th><th>Description</th><th>Creation Time</th><th>Created By</th></tr></thead><tbody><tr><td>EXPORT_CURRENT</td><td>8AMMAC00.0000000002 (Default)</td><td>Start Export current workflow</td><td>14-08-2014 14:14 GMT</td><td>ADMIN</td></tr><tr><td>ImportExternal</td><td>8AMMAC00.0000000002 (Default)</td><td>ImportExternal</td><td>18-12-2014 09:35 GMT</td><td>ADMIN</td></tr></tbody></table>	Action ID	Default Version	Description	Creation Time	Created By	EXPORT_CURRENT	8AMMAC00.0000000002 (Default)	Start Export current workflow	14-08-2014 14:14 GMT	ADMIN	ImportExternal	8AMMAC00.0000000002 (Default)	ImportExternal	18-12-2014 09:35 GMT	ADMIN	
Action ID	Default Version	Description	Creation Time	Created By																	
EXPORT_CURRENT	8AMMAC00.0000000002 (Default)	Start Export current workflow	14-08-2014 14:14 GMT	ADMIN																	
ImportExternal	8AMMAC00.0000000002 (Default)	ImportExternal	18-12-2014 09:35 GMT	ADMIN																	
App - Admin Web User Interface	FEWS-11644	Admin Interface fails under CentOS 7 stock Tomcat 7	The redundant taglibs configuration in web.xml that would break Admin Interface under Centos 7 has been removed.	The redundant taglibs configuration in web.xml that would break Admin Interface under Centos 7 has been removed.		<pre>removed snippet [code] <!-- Application Tag Library Descriptor --> <taglib> <taglib-uri>/WEB-INF/app.tld</taglib-uri> <taglib-location>/WEB-INF/taglibs/app.tld</taglib-location> </taglib> <!-- Struts Tag Library Descriptors --> <taglib> <taglib-uri>/WEB-INF/struts-bean.tld</taglib-uri> <taglib-location>/WEB-INF/taglibs/struts-bean.tld</taglib-location> </taglib> <taglib> <taglib-uri>/WEB-INF/struts-html.tld</taglib-uri> <taglib-location>/WEB-INF/taglibs/struts-html.tld</taglib-location> </taglib> <taglib> <taglib-uri>/WEB-INF/struts-nested.tld</taglib-uri> <taglib-location>/WEB-INF/taglibs/struts-nested.tld</taglib-location> </taglib> <taglib> <taglib-uri>/WEB-INF/struts-logic.tld</taglib-uri> <taglib-location>/WEB-INF/taglibs/struts-logic.tld</taglib-location> </taglib> <!-- Struts Tag Library Descriptor --> <taglib> <taglib-uri>/WEB-INF/struts-tiles.tld</taglib-uri> <taglib-location>/WEB-INF/taglibs/struts-tiles.tld</taglib-location> </taglib> [code]</pre>															
App - Admin Web User Interface, Database	FEWS-11981	Jtds driver getTimestamp() yields IllegalArgumentException: Timestamp format must be yyyy-mm-dd hh:mm:ss[.fffffffff]	A workaround for bug in the JtdsDriver that would make the database tablespace trend analyser yield a blank page	A workaround for bug in the JtdsDriver		no config required															
App - Admin Web User Interface	FEWS-11153	FEWS-11753 User info in AI not correct after a reconnect	Some login actions were not adding clientSystemInfo to the FEWS session. This has now been fixed.	Fix of missing clientSystemInfo from various logins.		No additional config required.															
App - Archive	FEWS-12195	FEWS-11251 Error when uploading xml to archive console																			
App - Archive	FEWS-11773	FEWS-11251 archiveDataManagementTool: more reporting needed when no action to take																			
App - Configuration Manager Gui	FEWS-11694	Closing dialogs in ConfigManager deletes files.	It has been fixed that when closing of dialogs in the ConfigManager is interpreted as Yes / OK option.	Wrong behaviour of closing of a dialog in the ConfigManager.		no config required															
App - Configuration Manager Gui	FEWS-11688	Config Manager: Exception due to locked file																			
App - Configuration Manager Gui	FEWS-10731	FEWS-10753 exception on expired OC session		Duplicate from FEWS-11490. ConfigManager session no longer expires after one hour, but refreshes session every ten minutes.																	
App - Configuration Manager Gui	FEWS-11670	null pointer config manager	A potential NullPointerException during the import process of the ConfigManager has been fixed.	A potential NullPointerException during the import process of the ConfigManager has been fixed.																	
App - Data Conversion Module	FEWS-11676	FEWS-9975 DCM: Ontwikkelingen voor DIM3				<pre>[code] <?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>PI</importType> <folder>\${IMPORT_FOLDER_ROOTS}/\${TIME_ZERO/yyyyMMdd.HHmmaa}</folder> <!--<failedFolder>\${FAILED_FOLDER_ROOTS}</failedFolder--> <!--<backupFolder>\${BACKUP_FOLDER_ROOTS}</backupFolder--> <deleteImportedFiles>false</deleteImportedFiles> <dataFeedId>PiDateFormatFolder</dataFeedId> </general> <temporary>true</temporary> </import> </timeSeriesImportRun> [code]</pre>															
App - Data Import Module (DIM)	FEWS-11873	Import UruguayEtaSnn does not import data correctly																			
App - Delft-FEWS	FEWS-11983	FEWS-11753 NullPointerException when trying to 'edit Table' in the What-If Scenario Display																			
App - Delft-FEWS	FEWS-11982	activeMQ_all.jar needs to be replaced by separate jars	Duplicate log4j and slf4j classes were detected in the activemq-all-5.9.0.jar. The conflicting jar has been replaced by just the client jar and just one additional jar.	activemq-client-5.9.1.jar replaces activemq-all-5.9.0.jar		no config required.															
App - Forecasting Shell Server, System	FEWS-12141	FEWS-11753 HeadlessException at java.awt.GraphicsEnvironment.checkHeadless-1																			


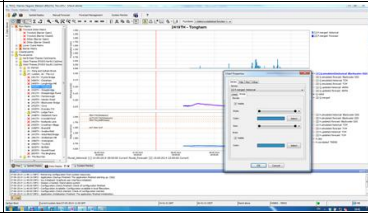
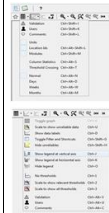
Delft-FEWS 2014.02 Solved Bugs							JIRA
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	no config required	Config Example
App - Forecasting Shell Server	FEWS-11429	FEWS-10840 MCPProxy component does not handle JBoss connection failures well	The MCPProxy now shuts automatically down when the JBoss4 JMS is backed by mysql and mysql is stopped or provides problems. This allows the Windows service or linux watcher script to restart the MCPProxy as expected.	The MCPProxy now autoterminates and is no longer stuck when mysql is brought down.			
App - Master Controller Server	FEWS-12142	FEWS-11753 Java heap space problem at MC/Synchronisation					
App - Master Controller Server	FEWS-11137	MC Monitor digest entry does not recontinue with the proper digest time.	duplicates FEWS-11136				
App - Master Controller Server	FEWS-11136	MC Monitor digest entry does not recontinue with the proper digest time.					
App - Master Controller Server	FEWS-11147	TMChaser logs too many times that *synch taskruns didn't complete in time.					
App - Master Controller Server	FEWS-12006	TaskManager logs too many errors when using rolling barrelled taskrun					
App - Operator Client Gui (Explorer)	FEWS-11814	Character set is ignored with CSV files					
App - Operator Client Gui (Explorer)	FEWS-11918	FEWS-11753 Data Viewer listboxes are incorrect, qualifiers must be disabled by default					
App - Operator Client Gui (Explorer)	FEWS-12148	FEWS-11753 Data Viewer shows incorrect time series					
App - Operator Client Gui (Explorer)	FEWS-11903	Defining T0 in global properties leads to inconsistencies with kk/HH timeformat					
App - Operator Client Gui (Explorer)	FEWS-12193	FEWS-11753 Error on invalid color scheme file, which works fine in 2014.01					
App - Operator Client Gui (Explorer)	FEWS-11498	FEWS-10753 Error when closing FEWS					
App - Operator Client Gui (Explorer)	FEWS-12159	FEWS-11753 Explorer: Changing list/panel sizes in does not have an observable effect for (un)docked/(non)floating filter	The list/panel sizes are only applied initially without usersettings.ini The second time the list sizes are restored from the usersettings.ini				
App - Operator Client Gui (Explorer)	FEWS-12155	FEWS-11753 Explorer: Labels do not update properly in Map view	After selecting another location in the dataviewer, the labels of a location were not updated. Now after every location change, the labels are update as well.	Location labels we're never updated after switching locations			
App - Operator Client Gui (Explorer)	FEWS-12166	FEWS-11753 Explorer: Setting parameterListConfig to 'name' does not result in ordering of parameters according to name					

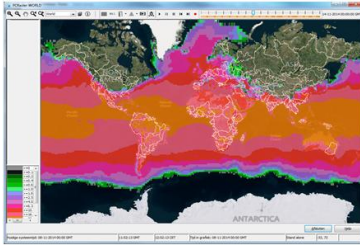
Delft-FEWS 2014.02 Solved Bugs							JIRA
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example	
App - Operator Client Gui (Explorer)	FEWS-12164	FEWS-11753 Explorer: different export timeseries when (not) defining idMapId in explorer.xml	Will be fixed in 2015.01. See related issue FEWS-12189				
App - Operator Client Gui (Explorer)	FEWS-12160	FEWS-11753 Explorer: disabling notification in explorer.xml does not work					
App - Operator Client Gui (Explorer)	FEWS-12165	FEWS-11753 Explorer: setting someSeriesCompletelyMissingIconVisible does not seem to have an effect					
App - Operator Client Gui (Explorer)	FEWS-12158	FEWS-11753 Explorer: setting statusBarConfig.timeGMT/timeCurrent to false has no effect					
App - Operator Client Gui (Explorer)	FEWS-12150	FEWS-11753 Filters show filters with same id in root folder instead of sub-folder					
App - Operator Client Gui (Explorer)	FEWS-11683	Filters with viewpermission does not work correctly					
App - Operator Client Gui (Explorer)	FEWS-11839	Frequently some floating text box appears in your OC, which comes from the System Monitor logs					
App - Operator Client Gui (Explorer)	FEWS-12080	FEWS-12065 HDSR: Selection of parameter is very slow					
App - Operator Client Gui (Explorer)	FEWS-12085	FEWS-12065 HDSR: position of tooltip in Data Viewer	Tooltip is now shown left to the dataviewer in case the dataviewer is on the right side of the screen.	Tooltip is now shown left to the dataviewer in case the dataviewer is on the right side of the screen.			
App - Operator Client Gui (Explorer)	FEWS-12087	FEWS-12065 HKV: <F12> + D (restart) gives strange popup messages					
App - Operator Client Gui (Explorer), Plugin - Gui Map	FEWS-11743	FEWS-9707 HKV: bug in permissions					
App - Operator Client Gui (Explorer)	FEWS-11306	FEWS-11251 Improve setting of cold state in Topology					
App - Operator Client Gui (Explorer)	FEWS-11956	FEWS-11753 Nullpointer in Forecast Tree when moving up and down the tree quickly					


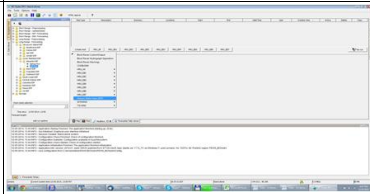
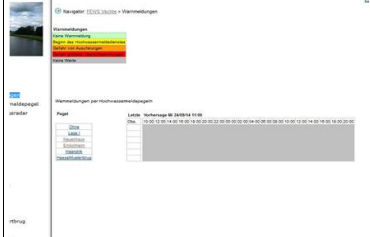
Delft-FEWS 2014.02 Solved Bugs							JIRA
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example	
App - Operator Client Gui (Explorer)	FEWS-11746	Scaling of Filters in Dataviewer does not work anymore					
App - Operator Client Gui (Explorer)	FEWS-11900	FEWS-11753 Search in listboxes: arrow up does not loop					
App - Operator Client Gui (Explorer)	FEWS-11841	Stack trace after incorrect use of multiple locationsets files					
App - Operator Client Gui (Explorer)	FEWS-11888	Toolbar: Keyboard short cuts don't behave correctly for dropdown buttons					
App - Operator Client Gui (Explorer)	FEWS-12152	FEWS-11753 Topology parses workflows incorrectly and generates incorrect ERRORS					
App - Operator Client Gui (Explorer)	FEWS-11856	bij gebruik van NL taal, staat op de about box een niet vertaald element	backported translations or copyright statement to 2014.01	backported translations or copyright statement to 2014.01			
App - Operator Client Gui (Explorer)	FEWS-12042	FEWS-11753 data availability icons react slow					
App - Operator Client Gui (Explorer)	FEWS-12041	FEWS-11753 inconsistency in new icons					
App - Operator Client Gui (Explorer)	FEWS-12120	java.lang.NullPointerException, java.lang.NullPointerException at nl.wideft.fews.util.display.DisplayGroups.addLines(DisplayGroups.java:1450)					
App - Operator Client Gui (Explorer)	FEWS-11952	relatedLocations not showing (in filter)	related locations are shown now.	related locations are shown now.			
App - Operator Client Gui (Explorer)	FEWS-11384	FEWS-11753 systemTimePauseButton bugs					
Configuration	FEWS-11514	FEWS-9930 FEWS cannot read shape files that contain z coordinates and no measurements					
Configuration, Plugin - Module - Thresholds	FEWS-12088	FEWS-12065 HKV: Level Thresholds not properly resolved					
Configuration, Database	FEWS-11744	Hourly time step with day light saving time (AET) is wrongly recognized as non equidistant mills time step					
Configuration	FEWS-11871	Idmapping: enableOneToOneMapping does not work for non-defined locations if other locations are defined in the idmap file					
Configuration, Plugin - Gui - Map	FEWS-10878	FEWS-11753 Labels cannot be configured					
Configuration	FEWS-11755	dev build: allowReferencingUndefinedQualifiers=true does not work anymore					
Data Access Component	FEWS-11927	FEWS-9524 WIS Dommet: JMS Reconnect does not work for DAC					
Database	FEWS-11256	CompPtr is 0 when using msaccess.					
Database	FEWS-12115	FEWS-11753 Could not find class nl.wideft.fews.system.plugin.compact.DeleteAndRebuildCacheFiles					
Database	FEWS-12121	FEWS-11753 Database update script should populate DatabaseCreateTime		The database update scripts enter the earliest entryDate from the versionManagement table into the databaseCreateTime table.			
Database	FEWS-12018	Datastore locked - Implement 'Retry' Button					
Database	FEWS-11852	Deadlock on forced log and jdbc logs message while writing log message to the database					
Database	FEWS-12048	Illegal method call final local int id already set					
Database	FEWS-11942	LocationUtils.parseDatabaseTable - Config.Error:Can not find table dba_FEWSPeilbuis"grondwater-database					
Database	FEWS-11550	Nullpointer starting FEWS					
Database	FEWS-11719	Remove references to oracle.jdbc.driver.OracleDriver	Oracle has desupported the use of oracle.jdbc.driver.OracleDriver in Oracle 11.1 in uris. All references have been replaced with oracle.jdbc.OracleDriver	All references to the desupported Oracle driver oracle.jdbc.driver.OracleDriver have been replaced with oracle.jdbc.OracleDriver.			
Database	FEWS-11940	Significant decrease in speed when loading timeSeries at startup					
Database	FEWS-11555	Temporary time series are stored in database after blob merge					
Database	FEWS-12168	containsSpecialChar(ensembleId): 'ENSEMBLE_ID\$' passed at nl.wideft.fews.system.data.runs.Ensemble.<init>					
Database	FEWS-12233	FEWS-11753 datastore lock					
Database	FEWS-11493	FEWS-11753 error: Datastore locked by background thread for more than 5 seconds					
Debug Tool - Database Viewer	FEWS-12036	FEWS-11753 DatabaseViewer: LocationId and parameterId missing					
Debug Tool - Database Viewer	FEWS-10873	FEWS-11753 Databaseviewer - graph and table are not shown (timeseries selection)					


Delft-FEWS 2014.02 Solved Bugs							
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example	
Module Adapter - All	FEWS-11215	FEWS-11753 ReservoirModule logs to System.out and produces too many messages (noise in ForecastingShell logging).	System.out log messages are written to debug log. Runoff messages are no longer written to log.	System log messages are written to debug log			
Plugin - Gui - Correlation	FEWS-12144	FEWS-11753 correlation display error					
Plugin - Gui - Forecast Manager	FEWS-12097	FEWS-11753 Forecast Manager: rename 'Approve' button to 'Make Current'					
Plugin - Gui - Forecast Manager	FEWS-11810	On deleting a forecast from the forecast manager, I get the below error.	Fixed bug in getTimeStamp of Jtds driver causing a exception on wasNull check. This was giving a problem in the Direct database access client in the ForecastDialog.	Fixed bug in getTimeStamp of SqlExtendedResultSet causing a exception on wasNull check.		no config required	
Plugin - Gui - Forecast Manager	FEWS-12053	FEWS-11753 nullpointer tooltip FM					
Plugin - Gui - Grid Display	FEWS-12154	FEWS-11753 Accumulation Slider does not work correctly when filter is changed					
Plugin - Gui - Grid Display	FEWS-11421	FEWS-10753 Clicking on the arrow next to a toggle-drop-down-button in GridDisplay also toggles the button					
Plugin - Gui - Grid Display	FEWS-11536	Colours in TimeSeriesDisplay are not generated correctly					
Plugin - Gui - Grid Display	FEWS-11675	Error in qualifierSet when opening spatial display					
Plugin - Gui - Grid Display	FEWS-12191	FEWS-11753 Grid display only shows one time series when clicking on icon	Grid display shows all configured time series when clicking on icons. Bugfix that was introduced by FEWS-12191.	Grid display shows all configured time series when clicking on icon			
Plugin - Gui - Grid Display	FEWS-11994	FEWS-11753 Null pointer with location attribute filter in spatial/grid display					
Plugin - Gui - Grid Display	FEWS-12046	FEWS-11753 Spatial display Moving Accumulation slider calculates average i.o. accumulation					
Plugin - Gui - Grid Display	FEWS-12146	FEWS-11753 Spatial display does not show all time series	Spatial display didn't show points for locations with both polygons and points. Points are shown correctly now as well.	Spatial display didn't show points for locations with both polygons and points.			
Plugin - Gui - Grid Display	FEWS-11770	FEWS-11251 SpatialDisplay: exception when applying locationattribute filter					
Plugin - Gui - Grid Display	FEWS-11577	Stacktrace when save frame as png is selected in spatial display					
Plugin - Gui - Grid Display	FEWS-11960	FEWS-11753 Thresholds worden niet altijd doorgegeven Naar time series display vanuit Spatial display					
Plugin - Gui - Grid Display	FEWS-12057	FEWS-11753 double clicking in spatial display with scalar series (subcatchments) shows all timeseries in TSD	Double clicking polygons will open all polygon timeseries if x,y,z are set to 0. This happens because the polygon center is used to match the double clicked polygon with the configured polygons. In the used locationSet polygons were used. For selecting the correct polygons after double clicking, the polygon center is used. Since the location set define x, y, z = 0 for all polygons, all polygons always matched resulting in showing all timeSeries in the TSD. See sample configuration below. After commenting out x,y,z the correct timeSeries were shown.	Double clicking polygons will open all polygon timeseries if x,y,z are set to 0		<pre><locationSet id="aggregation_areas"> <esriShapeFile> <file>General_Rainfall_Aggregation_areas.dbf</file> <id>Area_1ID</id> <name>Aggregation area 1ID</name> <description>Aggregation area 1ID</description> <label>Aggregation area 1ID</label> <!-- <x>0</x> <y>0</y> <z>0</z> --> <attribute id="ID"> <description>ID column</description> <number>1ID</number> </attribute> </esriShapeFile> </locationSet></pre>	
Plugin - Gui - Grid Display	FEWS-11332	FEWS-10753 grid warning invalid point every time you select a new grid filter					
Plugin - Gui - Grid Display	FEWS-12099	FEWS-11753 griddisplay doesnot work properly					
Plugin - GUI - IFD - Dataviewer	FEWS-11805	Copy-paste from Excel to ifd-data goes wrong with empty cells					
Plugin - GUI - IFD - Dataviewer	FEWS-12030	FEWS-11753 TSD Data Viewer: shows dark red crosses instead of yellow crosses when data available (with gaps)					
Plugin - GUI - IFD - Forecaster Help	FEWS-9300	FEWS-8769 PDF viewer in FEWS does not show PDF's properly					
Plugin - GUI - IFD - Forecasts	FEWS-11685	Crash when you select IFD edit options for a head node and press OK					
Plugin - GUI - IFD - Forecasts	FEWS-12010	FEWS-11753 Editing cold state start time in box IFD does not 'stick'					
Plugin - GUI - IFD - Forecasts	FEWS-11212	FEWS-11753 F9 shortcut in IFD does not always run the node					
Plugin - GUI - IFD - Forecasts	FEWS-12252	FEWS-12169 IFD shift-F9 shortcut runs always the server run, even if button is disabled.					
Plugin - GUI - IFD - Forecasts	FEWS-12075	FEWS-11753 IFD: local run icons are not updated when a server run (from some other user) arrives					
Plugin - GUI - IFD - Forecasts	FEWS-12011	FEWS-11753 Null pointer when trying to select 'warm state' option in IFD					
Plugin - GUI - IFD - Forecasts	FEWS-11916	FEWS-11753 NullPointer when selecting a forecast in the segment selection dialog					
Plugin - Gui - Manual Forecast	FEWS-11771	FEWS-11251 FstLengthEstimator: doesn't take the latest non-missing value from a set with variable lengths in its series				<useLongestTimeSeries>true</useLongestTimeSeries>	
Plugin - Gui - Manual Forecast	FEWS-12040	ManualForecastDialog: TO is not correctly updated according to the cardinal timestep of the workflow					
Plugin - Gui - Manual Forecast	FEWS-11361	FEWS-11753 Undesired behaviour and nullpointer when selecting cold states in MFD					

Delft-FEWS 2014.02 Solved Bugs							
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example	
Plugin - Gui - Map	FEWS-10620	Locations from shapefiles not displayed in the correct place					
Plugin - Gui - Map	FEWS-12012	FEWS-11753 Null pointer when starting the GMW system in 2014.02					
Plugin - Gui - Map, Plugin - Gui - Time Series, Plugin - Module - Thresholds	FEWS-12027	FEWS-11753 Threshold levels and crossing are not displayed					
Plugin - Gui - Schematic Status Display	FEWS-11907	FEWS-9861 NWS: FB714. Schematic status displays - problem with threshold units					
Plugin - Gui - Schematic Status Display	FEWS-11972	FEWS-11753 SSD - graph opened from SSD is empty					
Plugin - Gui - System Monitor	FEWS-12178	FEWS-11753 Illegal method call isEventDispatchThread while acknowledging a large number of ERRORS					
Plugin - Gui - System Monitor	FEWS-12156	FEWS-11753 not acknowledge filter in SystemMonitor also shows WARNs					
Plugin - Gui - TaskRunDialog	FEWS-12137	FEWS-11753 Properties Windows does not pop-up in TaskRunDialog					
Plugin - Gui - Time Series	FEWS-12056	FEWS-11753 Copy/paste of rating curve from table misses header information					
Plugin - Gui - Time Series	FEWS-12058	FEWS-11753 Cumulative Function in TDS doesn't work					
Plugin - Gui - Time Series	FEWS-11952	Data display filter still applies after closing filter window					
Plugin - Gui - Time Series	FEWS-11953	Data editor: data editability not correctly visualized					
Plugin - Gui - Time Series	FEWS-11954	Data viewer: Validation, User and Comment columns get their own letter					
Plugin - Gui - Time Series	FEWS-12192	FEWS-11753 Datum information is not shown anymore in table of time series display					
Plugin - Gui - Time Series	FEWS-11660	Display groups plots are always shown as multiple subplots					
Plugin - Gui - Time Series	FEWS-12143	FEWS-11753 Duration curve error					
Plugin - Gui - Time Series	FEWS-11914	FEWS-11753 Ensemble members are not shown anymore in Time Series Display Legend					
Plugin - Gui - Time Series	FEWS-11617	Error when changing time period in Time Series display with end time before start time	When using the spinner, it's now impossible to set a startTime after the endTime or to set a endTime before the startTime.	Prevent invalid values in the timedialog when using the spinner.			
Plugin - Gui - Time Series, Plugin - Module - Statistics	FEWS-12081	FEWS-12065 HDSR: Relative Aggregation makes other (temporary) lines disappear					
Plugin - Gui - Time Series	FEWS-12084	FEWS-12065 HDSR: Run Workflow button should be disabled					
Plugin - Gui - Time Series, Plugin - Module - Statistics	FEWS-12082	FEWS-12065 HDSR: Title in Statistical Functions not always correct and logical	In the Frequency diagram the title and period are displayed correctly now, instead of the first parameter	Frequency diagram title and period are displayed correctly			
Plugin - Gui - Time Series	FEWS-11226	Highlighting of time series does not work when series is thick by default		Thick and or selected timeseries increase line width instead of setting it to 2			
Plugin - Gui - Time Series	FEWS-11268	FEWS-11753 In case you have run a manual forecast the TSD is not updated automatically, although the thumbnails are updated					
Plugin - Gui - Time Series	FEWS-11920	FEWS-11753 In table of Time Series Display, impossible to change validation flags					
Plugin - Gui - Time Series	FEWS-11707	Interpolate not available in 24h view + no copy/paste over multiple columns					
Plugin - Gui - Time Series	FEWS-11904	Manual Edits and Manual Unreliables are no longer possible in Edit mode					
Plugin - Gui - Time Series	FEWS-11718	Moving columns in the TSD table is gone when you start editing. They all jump back to where they were initially.					
Plugin - Gui - Time Series	FEWS-11439	FEWS-10753 NWS: unit conversion errors and y-axis tsd messed up					
Plugin - Gui - Time Series	FEWS-11838	Not possible to edit a weekly timestep as modifier					
Plugin - Gui - Time Series	FEWS-11520	FEWS-11753 Operation tab display for Add, Subtract etc, does not work properly					
Plugin - Gui - Time Series	FEWS-11209	FEWS-11250 Rating curve graph is not refreshed when rating modifier is added					
Plugin - Gui - Time Series	FEWS-10401	Set time series invisible option in graphs does not work for ensemble time series					
Plugin - Gui - Time Series	FEWS-11808	Shortcuts in TSD are broken, none works anymore					
Plugin - Gui - Time Series	FEWS-12255	FEWS-12169 Status of Table and Graph TSD toolbar buttons incorrect after selecting a suboption					
Plugin - Gui - Time Series	FEWS-11703	TSD - NullPointer when thresholdDisplayOptions refer to non-existing threshold AND loadAtStartup=true					
Plugin - Gui - Time Series	FEWS-10595	FEWS-11753 TSD plots sometimes gaps in the line, where it should be continuous					
Plugin - Gui - Time Series	FEWS-12034	FEWS-11753 TSD: EditorTimeSeriesDialog does not show buttons to choose between edit and modify					
Plugin - Gui - Time Series	FEWS-12033	FEWS-11753 TSD: Plotoverview and central plot do not properly refresh on initial load					
Plugin - Gui - Time Series	FEWS-12051	FEWS-11753 TSD: does not refresh properly when new current server run arrives on live system					
Plugin - Gui - Time Series	FEWS-12047	FEWS-11753 TSD: moduleInstanceidMappings ignored	Does not occur anymore in 50791				
Plugin - Gui - Time Series	FEWS-12186	FEWS-11753 The ordering of time series (single parameter and multiple locations) legend are shown in the legend has changed					



Delft-FEWS 2014.02 Solved Bugs							
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example	
Plugin - Gui - Time Series	FEWS-12205	FEWS-11753 Thresholds are not shown when some threshold values are missing					
Plugin - Gui - Time Series	FEWS-11304	FEWS-11251 Time series colours in graph must not change when one series is removed from graph					
Plugin - Gui - Time Series	FEWS-11234	FEWS-10777 TimeSeriesProperties/Chartproperties does not display selected timeseries					
Plugin - Gui - Time Series	FEWS-11868	Timeseries editor empty					
Plugin - Gui - Time Series	FEWS-11811	changing TSD display time relative viewperiod shifts 10 if end < start. Should give an error message dialog					
Plugin - Gui - Time Series	FEWS-12210	FEWS-11753 error when saving edits in Data Editor					
Plugin - Gui - Time Series	FEWS-12067	FEWS-11753 local datum toggle in time series display must work if gaugezero is 0 m					
Plugin - Gui - Time Series	FEWS-12203	nullpointer in loading display groups for ncfr					
Plugin - Gui - Time Series	FEWS-11246	FEWS-11753 table and graph options in TSD do not show check marks without colorSchemes.xml					
Plugin - Gui - Time Series	FEWS-11435	FEWS-11753 truncation in table headers in tsd					
Plugin - Gui - Time Series	FEWS-11375	FEWS-10753 units in historicalEvents					
Plugin - Gui - Time Series Graphical Adjustment Module	FEWS-11587	FEWS-10715 GAM: storing modifiers while using direct database access	A minor schema bug of the number width of the synchlevel field of the modifiers table that already was solved in 2012.01 could have been missed in early 2012.02 database schemas. Only systems from before 2012.02 could have been affected. Every data update script up to 2014.02 now contains the fix so this will make sure that every schema is corrected when upgrading	A schema update in the synchlevel of the modifiers table has been added in the database update scripts from 2012.02 up to 2014.02.			
Plugin - Gui - Time Series Modifier	FEWS-11833	FEWS-11251 Crash when making URBS reservoir modifier					
Plugin - Gui - Time Series Modifier	FEWS-11985	FEWS-11753 Export button in calibration modifier is not shown correctly					
Plugin - Gui - Time Series Modifier	FEWS-11991	FEWS-11753 Incorrect message when editing in display					
Plugin - Gui - Time Series Modifier	FEWS-12106	FEWS-11753 Modify rating table (via Modifiers tab) leads to exception					
Plugin - Gui - Time Series Modifier	FEWS-12236	FEWS-11753 No sacco modifier visible in modifier display					
Plugin - Gui - Time Series Modifier	FEWS-11986	FEWS-11753 Not all location attribute modifiers are selected					
Plugin - Gui - Time Series Modifier	FEWS-12028	FEWS-11753 RatingTable modifier cannot be accessed without the need to make a timeseries modifiable					
Plugin - Gui - Time Series Modifier	FEWS-11625	FEWS-9814 TSMModifiers: workflow doesn't resolve properly when using multiple template files using the same moduleinstanceid					
Plugin - Gui - Time Series Modifier	FEWS-11990	FEWS-11753 valid time is not set correctly when a mod is created in the table					
Plugin - Module - Amalgamate	FEWS-11919	FEWS-11753 Amalgamate functie geeft nulpointer				<pre><general> <archiveFolder>\${ARCHIVE_FOLDER}\${/archiveFolder} <areaId>\${BASIN}\${/areaId} <subFolderPrefix>\${CATCHMENTS_SWIFT_STP_Deterministic_Forecast}\${/subFolderPrefix} <idMapId>IdArchive</idMapId> </general></pre>	
Plugin - Module - Archive	FEWS-11529	FEWS-11250 Add folderPrefix to archive simulated module; otherwise there are errors when archiving multiple forecasts					
Plugin - Module - Archive	FEWS-11721	Problem when "." is used in parameter id for non equidistant time series in archive					
Plugin - Module - Archive	FEWS-11404	FEWS-11753 archiveExport simulated should accommodate qualifiers					
Plugin - Module - Archive	FEWS-11780	FEWS-11251 archiveExport simulated: incorrect moduleinstanceid inserted in ts-xml string of netcdf-header					
Plugin - Module - Archive	FEWS-11867	FEWS-9814 archiveExport: doesn't seem to handle idmap properly					
Plugin - Module - Data Export	FEWS-10794	FEWS-9801 Allow timeseriesexportcontent to export display units instead of using unitconversions					
Plugin - Module - Data Export	FEWS-11449	FEWS-11753 Null pointer Exception in Export					
Plugin - Module - Data Export	FEWS-12126	FEWS-11753 Null pointer program error at ucar.nc2.io.sp.netcdf3.NioIosp.flush					
Plugin - Module - Data Export	FEWS-12068	FEWS-12065 Watermet: UmAquo Schema Validation					

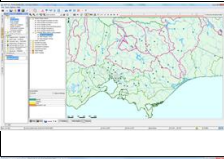
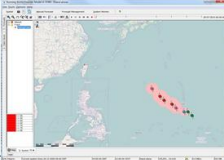


Delft-FEWS 2014.02 Solved Bugs							JIRA
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example	
Plugin - Module - Data Import	FEWS-11356	FEWS-10616 (#P1)TVA: develop UDP java socket import	This parser has been developed to read timeseries from a UDP server that produces CSV response data.	UDP import parser		<pre><fews:timeSeriesImportRun xmlns:fews="http://www.wldelft.nl/fews"> <!--1 or more repetitions--> <fews:import> <fews:general> <!--Optional!--> <fews:description>UDFTimeseriesParser example</fews:description> <fews:parserClassName>n1.wldelft.timeseriesparsers.UDFTimeseriesParser</fews: parserClassName> <!--You have a CHOICE of the next 3 items at this level--> <fews:serverUrl>http://udpserver:port</fews:serverUrl> <!--Optional!--> <fews:connectionTimeout>1000</fews:connectionTimeout> <fews:user>me</fews:user> <!--You have a CHOICE of the next 2 items at this level--> <fews:password>secret</fews:password> <!--You have a CHOICE of the next 2 items at this level--> <fews:relativeViewPeriod unit="hour" start="3" end="3" startOverrutable="false" endOverrutable="false"/> <!--The table name value is used in the UDP request (eg. WTV3)--> <fews:table name="Request ID"> <!--You have a CHOICE of the next 14 items at this level--> <fews:locationColumn/> <fews:dateTimeColumn pattern="dd/MM/yyyy HH:mm:ss"/> <fews:valueColumn parameterId="A" unit="unknown"/> <fews:valueColumn parameterId="B" unit="unknown"/> <fews:valueColumn parameterId="C" unit="unknown"/> <fews:valueColumn parameterId="D" unit="unknown"/> <fews:valueColumn parameterId="E" unit="unknown"/> <fews:valueColumn parameterId="F" unit="unknown"/> <fews:valueColumn parameterId="G" unit="unknown"/> <fews:valueColumn parameterId="H" unit="unknown"/> <fews:valueColumn parameterId="I" unit="unknown"/> </fews:import> </fews:timeSeriesImportRun></pre>	
Plugin - Module - Data Import	FEWS-11757	Griddata enters stored flipped upside-down in FEWS					
Plugin - Module - Data Import	FEWS-11745	Qualifier set id is sometimes wrongly generated					
Plugin - Module - Data Import	FEWS-12043	FEWS-11753 Ratingsimport: wijzigingen worden niet gedetecteerd					
Plugin - Module - Data Import	FEWS-12109	FEWS-10616 TVA: adjust/fix shef import format	SHEF import can handle toggled comments. If more than one comment sign (a colon :) is used, the comments are toggled on and off as stated in the SHEF specification.	SHEF import can handle toggled comments			
Plugin - Module - Data Import	FEWS-12140	FEWS-11753 When any center point contains a z all center points should have a z	ESRI LocationSets without z values default to zero. Now set to Not a Number (NaN). Using a Location set with Geometry points where some z values were set to 0 and some values set to NaN resulted in the issue.	ESRI LocationSets without z values default to zero. Now set to Not a Number (NaN)			
Plugin - Module - Data Import	FEWS-11489	FEWS-11235 add flags to existing waterml2 import webservice				<pre>WaterML2 Import example The 1st observation only contains a default qualifier. The 2nd observation contains both an default qualifier and an overruling point qualifier [code] <?xml version="1.0" encoding="UTF-8"?> <sos:GetObservationResponse xmlns:wml2="http://www.opengis.net/waterml/2.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:gml="http://www.opengis.net/gml/3.2" xmlns:om="http://www.opengis.net/om/2.0" xmlns:sos="http://www.opengis.net/sos/2.0" xmlns:sa="http://www.opengis.net/sampling/2.0" xmlns:sams="http://www.opengis.net/samplingSpatial/2.0" xmlns:wsa="http://www.w3.org/2005/08/addressing" xmlns:xlink="http://www.w3.org/1999/xlink"> <extension xmlns="http://www.opengis.net/swes/2.0"> <wml2:SOSProfileExtension> <wml2:metadata> <wml2:DocumentMetadata gml:id="Ki.DocMD.1"> <wml2:generationDate>2012-08-27T07:58:33.838+00:00</wml2:generationDate> <wml2:generationSystem>KISTERS KiWIS</wml2:generationSystem> </wml2:DocumentMetadata> </wml2:metadata> </wml2:SOSProfileExtension> </extension> <sos:ObservationData> <om:OM_Observation gml:id="Ki.OM_Obs.1"> <om:phenomenonTime> <gml:TimePeriod gml:id="Ki.ObsTime.1"> <gml:beginPosition>2007-12-01T00:00:00.000+01:00</gml:beginPosition> <gml:endPosition>2007-12-01T00:00:00.000+01:00</gml:endPosition> </gml:TimePeriod> </om:phenomenonTime> </om:OM_Observation> </sos:ObservationData> </extension> </GetObservationResponse></pre>	
Plugin - Module - Data Import	FEWS-12045	FEWS-11753 importType generalCSV gives wrong timestamp					





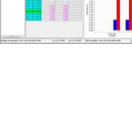
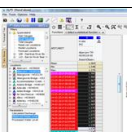

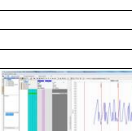
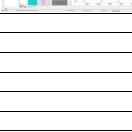
Delft-FEWS 2014.02 Solved Bugs						
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example
Plugin - Module - General Adapter	FEWS-11628	FEWS-11235 BcHydro: netcdfExportActivity in GA should be able to export an empty file				
Plugin - Module - General Adapter	FEWS-11396	FEWS-11753 GA timeout does not kill the executable anymore				
Plugin - Module - General Adapter	FEWS-12217	FEWS-12169 General Adapter purge activity should not give a warning when directory does not exist				
Plugin - Module - General Adapter	FEWS-11752	FEWS-10510 Inundation Module does not write the MapStack				
Plugin - Module - General Adapter	FEWS-11947	FEWS-9698 Location Id Mapping in import in GeneralAdapter does not work		Config problem		
Plugin - Module - Modifiers (ModuleParameters)	FEWS-12095	FEWS-11235 BcHydro: not seeing modifier summary anymore for ESP historical years modifier				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-11158	FEWS-11753 Combobox for boolean locationAttributemodifier must be doubleclicked before it can be ticked				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-11909	Goulburn-Murray Water: Errors when applying modifiers				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-11897	Location attribute modifier is broken				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-11502	FEWS-10616 Parameter templates mess up SACSMA (compoundMod) bucket sizes				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-11931	Seqwater/GMW: Critical issue: modifications to attribute modifier not applied				
Plugin - Module - Modifiers (TimeSeries)	FEWS-12206	FEWS-11753 Error in Topology when special timeseries filter is used				
Plugin - Module - Modifiers (TimeSeries)	FEWS-12219	FEWS-11753 Modifier errors				
Plugin - Module - Modifiers (TimeSeries)	FEWS-11984	Modifiers: Timeseries does not seem to be properly resolved from GA, is therefore not modifiable				
Plugin - Module - Modifiers (TimeSeries)	FEWS-12108	FEWS-11753 Rating curve modifier changes value to edited after doubleclick				
Plugin - Module - Modifiers (TimeSeries)	FEWS-11989	FEWS-11753 Save modifiers when new timeseries are loaded				
Plugin - Module - Modifiers (TimeSeries)	FEWS-11951	Seqwater / GMW - Cannot enter values in timeseries modifier				
Plugin - Module - Performance Indicators	FEWS-11654	Error in performance module, series kan niet gevonden worden				
Plugin - Module - Performance Indicators	FEWS-11652	NullPointerException in PerformanceIndicator module if all forecast timeseries are missing				
Plugin - Module - Reports	FEWS-11932	ERROR in ReportMergedPrecipitationTable				
Plugin - Module - Reports	FEWS-12211	FEWS-11753 HeadlessException: reportExport no longer allows both in- and exclude of ModuleInstancesolds				
Plugin - Module - Reports	FEWS-12145	FEWS-11753 HeadlessException in report module bij draaien op FSS				
Plugin - Module - Reports	FEWS-11673	Report module: Index index (0) >= size (0) out of bounds program error				
Plugin - Gui - Schematic Status Display, Plugin - Module - Reports	FEWS-11087	FEWS-10753 Report/SSD: svg report paint pieces black	Artefacts in the SVG report export from the schematic status display has been fixed.	Artefacts in the SVG report export from the schematic status display has been fixed.		
Plugin - Module - Reports	FEWS-11720	ReportMergedPrecipitationTable - IllegalStateExceptions if forecast timeseries is missing				
Plugin - Module - Reports	FEWS-11680	Threshold table is not produced correctly				
Plugin - Module - Secondary Validation	FEWS-12209	FEWS-11753 ERROR in secondaryvalidation telling z values should all have values				
Plugin - Module - Thresholds	FEWS-11499	FEWS-10753 thresholds in correlation displays incorrect				
Plugin - Module - Transformation	FEWS-12176	FEWS-11753 ERROR in transformation interpolation telling z values should all have values				
Plugin - Module - Transformation	FEWS-12216	ForecastLengthEstimator werkt niet bij external historical				
Plugin - Module - Transformation	FEWS-11572	FEWS-11581 GMW: Bug in the Transformation > interpolationSpatial > thiessePolygon				
Plugin - Module - Transformation	FEWS-12086	FEWS-12065 HDSR: Selection Specific Calculation does not work properly				
Plugin - Module - Transformation	FEWS-12066	FEWS-12065 HKV: Nullpointer running PeriodTransformation + UserSimple with Nonequi series				

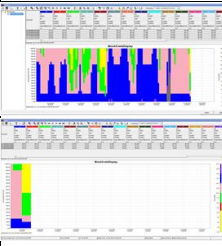

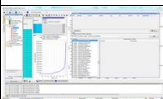
Delft-FEWS 2014.02 Solved Bugs							
Component/s	Key	Summary	Release Note Text Description	Release Note Text	Images	Config Example	
Plugin - Module - Transformation	FEWS-12107	FEWS-11753 Merge of timeseries with missing values does not produces missing values (keeps the old ones)	The configuration is not supported by FEWS.	Configuration should be changed			
Plugin - Module - Transformation	FEWS-11799	FEWS-9861 NWS: FB1528, behaviour of Sample transformation with ignoreMissing=false has changed					
Plugin - Module - Transformation	FEWS-11857	Text comparison in location attribute function returns NaN if transformation runs for multiple locations and one location has empty string as attribute value.					
Plugin - Module - Transformation	FEWS-11865	FEWS-11753 Time shift constant transformation, can not get default time shift	In case no timestep was configured for the timeshift transformation, the default will set to 0 for backwards compatibility and a warning will be logged.	If no timestep was configured for the timeshift transformation, the default will set to 0 and a warning will be logged.			
Plugin - Module - Transformation	FEWS-12037	FEWS-11753 Transformation Aggregation instantaneous to mean fails calculating moving average					
Plugin - Module - Transformation	FEWS-12225	FEWS-11753 transformation does not run anymore in 2014.02					
System	FEWS-12198	FEWS-11753 Local runs are not started automatically anymore					
System - Logging	FEWS-11371	FEWS-10053 Harvesting process could be able to write to PIDiagnostics	Harvester produces pl_diag.xml log files. Create a Log4j-HarvestRunner.xml file with configuration provided below.	Harvester process can write pl_diag.xml log file		<pre><?xml version="1.0" encoding="UTF-8"?> <!DOCTYPE log4j:configuration SYSTEM "log4j.dtd"> <log4j:configuration xmlns:log4j="http://jakarta.apache.org/log4j/"> <appender name="HarvestRunner" class="nl.wideloft.fews.pi.PiDiagnosticsLogFileAppender"> <param name="File" value="\${log.file.path}"/> <param name="Append" value="true"/> <!-- <param name="Threshold" value="INFO"/> --> </appender> <root> <priority value="INFO"/> <appender-ref ref="HarvestRunner"/> </root> </log4j:configuration></pre>	
System - Logging	FEWS-12243	FEWS-10487 Seqwater: trust relationship error					
System - PI Service	FEWS-11406	FEWS-10616 TVA: OutOfMemory errors when running tasks through FewsPIService					
System - Synchronisation	FEWS-11369	ImportStatus should use ignoreMaxSynchPeriod	The default synchProfiles have been updated so that ignoreMaxSynchPeriod is activated for the ImportStatus.	The default synchProfiles have been updated so that ignoreMaxSynchPeriod is activated for the ImportStatus.			
System - Synchronisation	FEWS-12151	FEWS-11753 astronomical data (synchlevel 4) wordt niet naar OC gesynchroniseerd					
System - Workflow	FEWS-11872	If workflow has parallel running moduleInstances it does not stop if one of those fails.					
System - Workflow	FEWS-11894	Properties are not resolved when defined in Workflow at Activity level					
System - Workflow	FEWS-11915	FEWS-11753 Runnen van Ensemble Workflows werkt niet goed meer, veel errors					
Water Coach	FEWS-12247	FEWS-11753 Watercoachdelay is ignored, display based on time of execution instead of T0					
Water Coach	FEWS-12020	FEWS-11753 communicatie tijd tussen WaterCoach en Fews werkt niet meer					



B Implemented New Features

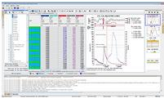


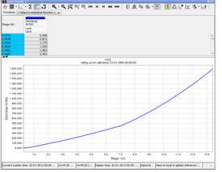
Dutch FEWS New Features in 2014.02							YARA
Components	Key	Summary	Release Note Text	Release Note Text Description	Images	Config Example	
App - Operator Client Gui (Explorer)	3105 10797	FEWS-10777 Increase visibility of bars underneath graph (validation, source, flags)					
App - Operator Client Gui (Explorer)	3105 10779	FEWS-10777 Improve visualisation of datapoints in scatterplot	Scatterplot points now show the date in the tooltip.	Scatterplot points now show the date in the tooltip. Since some points in the scatterplot can occur more than once, the date of the first point in the timeseries will be used.			
App - Operator Client Gui (Explorer)	3105 10778	FEWS-10777 Manually switch on/off tooltips in Explorer	Tooltips can be manually switched on/off using a tooltip button	Tooltips can be manually switched on/off using a tooltip button. To enable this tooltip button, the toolbarButtonTooltipAvailable element has been configured inside the explorer.xml. If set to true, by default all tooltips will be displayed on a map. After pressing the tooltip button, all tooltips will be disabled (including optional tooltips). If set to false or not configured, the behaviour will be consistent with release before 2014.02: The tooltip button will only be displayed if there are optional tooltips. After pressing the tooltip button, the optional tooltips will be displayed.		Configuration of Explorer.xml inside the map element: <pre><toolbarButtonTooltipAvailable>true</toolbarButtonTooltipAvailable> </map></pre>	
App - Operator Client Gui (Explorer)	3105 11029	FEWS-10073 Extend explorer export functionality for samples, attributes and predefined settings				<pre>[code] <interactiveExportFormat> <enum>General CSV file</enum> <exportType>generalCsv</exportType> <fileFilter><enum>FileFilter</enum> <exportThresholdable>true</exportThresholdable> <idMapId>idImport_Hydrobiologie</idMapId> <table> <dateTimeColumn name="DATE_SMP" pattern="dd-MM-yy HH:mm"/> <locationColumn name="LOC_CODE"/> <unitColumn name="UnitSdt"/> <parameterColumn name="PARAMETER_ID"/> <qualifierColumn name="VAR_REF" prefix="VAR_REF"/> <qualifierColumn name="PROD_CODE" prefix="PROD_CODE"/> <qualifierColumn name="ANAL_CODE" prefix="ANAL_CODE"/> <qualifierColumn name="TYPE" prefix="TYPE"/> <sampleIdColumn name="SMP_CODE"/> <propertyColumn name="TEXT_REF" key="TEXT_REF"/> <propertyColumn name="SMP_NAME" key="SMP_NAME"/> <propertyColumn name="COORD_X_S" key="COORD_X_S"/> <propertyColumn name="COORD_Y_S" key="COORD_Y_S"/> <propertyColumn name="COORD_X_M" key="COORD_X_M"/> <propertyColumn name="COORD_Y_M" key="COORD_Y_M"/> <propertyColumn name="METR_SAMP" key="METR_SAMP"/> <propertyColumn name="METR_ANAL" key="METR_ANAL"/> <propertyColumn name="SMP_IR_S" key="SMP_IR_S"/> <propertyColumn name="SMP_IR_A" key="SMP_IR_A"/> <propertyColumn name="METR" key="METR"/> </table></pre>	
App - Operator Client Gui (Explorer)	3105 11022	FEWS-9814 Give logmessage on missing clientConfig.xml file					
App - Operator Client Gui (Explorer), Plugin - Gui Map	3105 10915	FEWS-11609 Show number of active locations in header	Active locations count visible above location filter selection				
App - Operator Client Gui (Explorer), Plugin - Gui Time Series	3105 10399	FEWS-10777 Switch for reading layout (e.g. coloring) settings from Configuration / User Settings	UserSettings can now be ignored with -f 12- option				
Configuration	3105 10998	FEWS-10073 Add Sample metadata config csv (sampleMetadataFields.csv en sampleMetadataForms.csv) to configuration	Grids.xml file can also be split in multiple files for different areas/models	Grids.xml can be split over multiple files using post fixes with -			
Configuration	3105 11000	FEWS-10008 Config framework uitbreiden voor 2 gemalen op 1 debietmeter					
Configuration	3105 11111	FEWS-10073 Create parameter CSV file in which parameters can be configured (similar to locationSets)					
Configuration, Database, Plugin - Gui - Time Series	3105 11000	FEWS-10276 (eP3) Middernacht weergeven als 24:00:00 van de afgelopen dag					
Configuration, System - Synchronisation	3105 11063	Increase priority of Activity.OutLogentries	The default syncProfiles priority of the download of manual LogMessages has been upgraded from low to high.	The default syncProfiles priority of the download of manual LogMessages has been upgraded from low to high.		<pre>[code:xml] <!-- Download of bulletin messages --> <activity id="Activity.InBulletinMessages"> <channelId>Channel.In.LogEntries</channelId> <schedule> <continuous> <period unit="minutes" multiplier="1" divider="1"/> <priority>High</priority> </continuous> <schedule> <timeOut>1000</timeOut> <modifiers> <incoming> <modifiers> <tableId>LogEntries</tableId> <logType>S</logType> </modifiers> </incoming> </modifiers> </schedule> </activity> </code></pre>	
Data Access Component	3105 11063	Upgrade WaterML2 webservice to DMC/Tomcat					
Database	3105 11128	Remove expiryTime of FewSessions table in local database.	The unused field expiryTime in the FewSessions table has been removed as it is inconsistent with the MC schema. This was causing the database replication to fail for the FewSessions table.	The unused field expiryTime in the FewSessions table has been removed as it is inconsistent with the MC schema. This was causing the database replication to fail for the FewSessions table.			
Database	3105 11138	Improvements to Cachefiles					
Database	3105 10077	FEWS-10073 Qualifiers in csv, parent qualifiers, qualifier nodes en qualifier attributes					
Database	3105 11066	FEWS-10073 New sample table: synchronisation	A new table called 'Samples' has been created in the master controller-database scripts.	The samples table is scheduled for synchronisation just before the timeseries are synchronised (see syncChannels.xml)			
Database	3105 10717	FEWS-10073 Create new sample table					
Database	3105 11078	Leap years in (long term) FEWS calculations					
Database	3105 11059	Add DEBUG message for querying the Open Database					
Debug Tool - Database Viewer	3105 10063	FEWS-8617 Add time to date pop-up					
Debug Tool - Database Viewer	3105 10814	FEWS-10753 Databaseviewer - update/refresh number of (selected) timeseries during filtering					
Debug Tool - Workflow Navigator	3105 11089	Show active properties for config file from workflow navigator					
Module Adapter - All	3105 11011	FEWS-11355 Development of a FAST adapter				see https://publicwiki.deltare.nl/display/FWSDOC/FAST+adapter+for+explanation+and+config+example	
Module Adapter - All	3105 11011	SWAN Adapter: add option to choose between state file in netcdf or in asci format	Added property input_state_file_format to SWAN pre-adapter	Added property input_state_file_format to choose the format of the input state file. This should only be used if netcdf is not sufficient for some reason. See documentation on https://publicwiki.deltare.nl/display/FWSDOC/SWAN+adapter			
Module Adapter - All	3105 11360	FEWS-11355 Development of a WES Adapter					
Module Adapter - All	3105 11066	FEWS-10734 Adapter HydraZoo database					
Module Adapter - All	3105 11041	FEWS-9530 Create separate new model adapter for DFLOWFM with the same functionality as the current adapter	Created new FEWS DFlowFMPreAdapter	See documentation on wiki page https://publicwiki.deltare.nl/display/FWSDOC/D-FlowFM+adapter		see documentation on wiki page https://publicwiki.deltare.nl/display/FWSDOC/D-FlowFM+adapter	
Module Adapter - All	3105 11042	FEWS-9530 DFLOWFM adapter: add support for converting curvilinear grid input data from netcdf to .amv .amv.dat files					

Delt-FEWS New Features in 2014.02							YARA
Components	Key	Summary	Release Note Text	Release Note Text Description	Images	Config Example	
Module Adapter - Delt3D	1115 1166	FEWS-9698 Add spectral data as input for Delt3D adapter	Delt3DPhiAdapter: Added property "input_spectra_file_to_convert".	Delt3DPhiAdapter: Added property "input_spectra_file_to_convert" to convert an input spectra netcdf file with spectra input data to a SWAN ascii file. This only works if a netcdf run info file is used. See documentation on https://publicwiki.deltares.nl/display/FEWSOOC/Delt3D+adapter+with+NetCDF+run+file			
Module Adapter - Delt3D	1165 1166	FEWS-9690 Dynamic import of D-Flow FM results					
Plugin - Gui - Grd Display	1115 1167	FEWS-10616 (WP2)TVA: add labeling functionality to spatial display, show values					
Plugin - Gui - Grd Display	1115 1167	FEWS-11251 Add time zone information to external forecast time in spatial display	Timezone time to external forecast time and spatial display can show forecast time	Added time zone information to external forecast time in spatial display and forecast time can be displayed in the spatial display by configuring the timeDisplayLabels element in the gridDisplay.xml.		Inside the gridDisplay element (see gridDisplay.xml) the timeDisplayLabels can be configured inside the default element. For example <pre><guiMap> <timeDisplayLabels>bottomRight</timeDisplayLabels> </default></pre>	
Plugin - Gui - Grd Display	1165 1169	FEWS-11251 Show validation info on accumulated time interval	Aggregation for Modifier and Quality flags is now possible in the GrdDisplay	When Aggregating Modifier or Quality flags, the worst quality is used for the aggregated color.			
Plugin - Gui - Grd Display	1115 1169	FEWS-11355 Add Symbol Label of a Hurricane/Cyclone				<pre><code> <break color="FF0000" lowerValue="50" icon="Hurricane10.png" opaquenessPercentage="10" symbolSize="30"/> <break color="FF0000" lowerValue="55" icon="Hurricane10.png" opaquenessPercentage="10" symbolSize="30"/> <break color="FF0000" lowerValue="60" icon="Hurricane20.png" opaquenessPercentage="10" symbolSize="40"/> <break color="FF0000" lowerValue="65" icon="Hurricane20.png" opaquenessPercentage="10" symbolSize="50"/> <break color="FF0000" lowerValue="70" icon="Hurricane30.png" opaquenessPercentage="10" symbolSize="60"/> <break color="FF0000" lowerValue="75" icon="Hurricane40.png" opaquenessPercentage="10" symbolSize="70"/> <break color="FF0000" lowerValue="80" icon="Hurricane50.png" opaquenessPercentage="10" symbolSize="80"/> </code></pre>	
Plugin - Gui - Grd Display	1115 1168	Functionality to have polylines in the grid display					
Plugin - Gui - Grd Display, Plugin - Module - Data Import	1115 1167	FEWS-11355 Trackinglayer: Visualisation of Tracking Centroids using scalable circles					
Plugin - GUI - IFD - DataViewer	1115 1160	FEWS-10276 (WP7) Flexibeler zoeken in DataViewer en bewerken van selecties	Expand and shrink function on locations and parameters	Expand and shrink function on locations and parameters makes it possible to expand or shrink an existing selection. The function can be activated using a CTRL Numpad + or CTRL Numpad - or using the right mouse menu on a location or parameter. For documentation see: https://publicwiki.deltares.nl/display/FEWSOOC/02+FEWS+Explorer			
Plugin - GUI - IFD - Forecasts	1115 1160	FEWS-9814 Add "shift F9" shortcut to "run at server" button in the IFD					
Plugin - GUI - IFD - Forecasts	1115 1161	FEWS-9814 Make IFD edit options configurable (as in the manual forecast display)	ForecastLength can be configured in the topology.xml and What-if scenario is disabled if possible	ForecastLength can be configured in the topology.xml and What-if scenario is disabled in case a there are no scenarios.		<pre><topology> <nodes> <node id="MODE1" name="Mode 1"> <workflowId>Workflow 1</workflowId> <forecastLength unit="day" multiplier="15" /> </node> </nodes> </topology></pre>	
Plugin - Gui - Manual Forecast	1115 1165	FEWS-9814 ForecastLength estimator: add setTimeOfLatestNonMissing in timeseries	ForecastLengthEstimator - option setTimeOfLatestNonMissing	Time of the latest non missing value in the configured time series is used to set the time of the running forecast. The new time can be after and also before the current system time. Time series can be configured using elements 'externalHistoricalTimeSeries' and/or 'externalForecastTimeSeries' and/or 'simulatedForecastTimeSeries'. The time of the latest non missing value in all configured time series will be used. Please NOTE: Configuration of 'externalHistoricalTimeSeries' always triggers setting of the task run last observation time. Configuration of 'externalForecastTimeSeries' and/or 'simulatedForecastTimeSeries' always triggers calculation of forecast length. It means, for example: if we configure setTimeOfLatestNonMissing=true and externalHistoricalTimeSeries, also the task run last observation time will be set; if we configure setTimeOfLatestNonMissing=false and externalForecastTimeSeries, the forecast length will also be computed/extended		<pre>Example from ForecastLengthEstimator.xml: <code>xml< <externalHistoricalTimeSeries> <moduleInstanceId>Import</moduleInstanceId> <valueType>scalar</valueType> <parameterId>id</parameterId> <locationId>Lock</locationId> <timeSeriesType>external_Historical</timeSeriesType> <timeStep unit="hour"/> <relativeTimePeriod unit="hour" start="-5" end="0"/> <readWriteMode>read_only</readWriteMode> </externalHistoricalTimeSeries> <externalForecastTimeSeries> <moduleInstanceId>Import</moduleInstanceId> <valueType>scalar</valueType> <parameterId>id</parameterId> <locationId>Lock</locationId> <timeSeriesType>external_Forecasting</timeSeriesType> <timeStep unit="nonnegligiant"/> <readWriteMode>read_complete Forecast</readWriteMode> </externalForecastTimeSeries> <setTimeOfLatestNonMissing=true</setTimeOfLatestNonMissing></pre>	
Plugin - Gui - Map	1115 1168	Lambert72 toevoegen (Belgie)					
Plugin - Gui - Map	1115 1169	FEWS-10558 Add Netcdf to shape conversion to F12 menu					
Plugin - Gui - Map	1115 1168	FEWS-11727 Add parameter selection storage (checkbox-tool) in user_settings	Added parameters to selection storage in MapDisplay				
Plugin - GUI - Sample Viewer	1115 1167	FEWS-10073 Develop Sample Metadata Viewer with filtering possibilities					

Delt-FEWS New Features in 2014.02						YARA
Components	Key	Summary	Release Note Text	Release Note Text Description	Images	Config Example
Plugin - GUI - Sample Viewer	1105-10703	FEWS-10073 Filter/search within Sample Explorer Viewer using a metadata tree				
Plugin - GUI - Sample Viewer	1105-10703	FEWS-10073 Add/visualize sample data in explorer filters using a new Qualifier tree				
Plugin - GUI - Schematic Status Display	1105-9559 1105-11073	FEWS-9559 Add tag to SSD: show locationtribute	The tag LOCATIONATTRIBUTE is now also available in the SchematicStatusDisplay.	The tag LOCATIONATTRIBUTE is now also available in the SchematicStatusDisplay.		within the SSD text element or the ssdDisplay configuration in the ToolTipText element LOCATIONATTRIBUTE {textAttribute}% LOCATIONATTRIBUTE {numberAttribute/numberFormat}%
Plugin - GUI - Schematic Status Display	1105-11003	FEWS-10003 print + export button in SSD				
Plugin - GUI - TaskRunDialog	1105-11226 1105-11262	FEWS-11226 RWoOS Rivenen - taskrun dialog forecast description overrules number id	TaskRunDialog - OperatorTask: an improvement in creating the what if scenario	OperatorTask GUI has two fields: Scenario name and 'Description' where the user can enter data to identify the scenario. See picture TaskRunDialogOperatorTasks.png If no scenario name is entered, then the scenario id will be used to fill in the name. Scenario description is optional. Scenario id is created automatically and cannot be changed by the user. Scenario name and (optional) description are shown in the ForecastManager.		
Plugin - GUI - TaskRunDialog	1105-11261	FEWS-11227 RWoOS Rivenen - taskrun dialog add approve checkbox possibility in configuration	TaskRunDialog: approving tasks	In OperatorTask and SimpleTask there is an approve box available. Ticking the approve box will set the status of the forecast automatically to current after it has been completed. Its behavior is the same as in ManualForecastDialog using options 'allowApprove' and 'autoApprove' in WorkflowDescriptors.xml, the check box can be enabled or disabled, and checked or unchecked by default		no config required
Plugin - GUI - Time Series	1105-11203	FEWS-10753 fix statistics function location on the window.				
Plugin - GUI - Time Series	1105-11206	FEWS-11236 BChydro: bars in graph at same time next to each other instead of on top	TimeSeriesDisplay - clustered bars chart			Example from DisplayGroup.xml [code.xml] <displayGroup id="ClusteredBarChart" name="ClusteredBarChart"> <display name="ClusteredBar"> <subplot> <line> <moduleInstance id=import/moduleInstance id=...> <valueType=scalar/> <parameter id=parameter/> <location id=locB/> <timeSeriesType=historical/> <timeStep unit="hour"/> <relativeViewPeriod unit="hour" start="12" end="12"/> <readricMode=read only/readricMode> </timeSeries> </line> <clusteredBar> <timeSeries> <moduleInstance id=import/moduleInstance id=...> <valueType=scalar/> <parameter id=parameter/> <location id=locB/> <timeSeriesType=historical/> <timeStep unit="hour"/> <relativeViewPeriod unit="hour" start="12" end="12"/> <readricMode=read only/readricMode> </timeSeries> </clusteredBar> </display> </displayGroup>
Plugin - GUI - Time Series	1105-11209	FEWS-11251 Sum selection in table of time series display				
Plugin - GUI - Time Series	1105-11262	FEWS-10908 NWS: FB1040: Historical Events Pulldown Window List Not Sorted	HistoricalEventsTool : available as popup window	With new HistoricalEvents tool GUI it is possible to show a long list of the historical events. The functionality of the tool is still the same. To close the tool, use ESC key.		
Plugin - GUI - Time Series	1105-11263	FEWS-10908 NWS: FB1039: add scroll bar to Historical Events Pull Down Menu				
Plugin - GUI - Time Series	1105-11264	FEWS-10850 TimeSeriesDisplay: Forecast Description optional in Legend				
Plugin - GUI - Time Series	1105-11265	FEWS-10053 Save as new TSD (selected from filters) as user displayGroup, separate copy to clipboard in displayGroup format	Generate displayGroup.xml based on current filter selection			
Plugin - GUI - Time Series	1105-11266	FEWS-10053 Toolbar buttons in TSD to hide empty series (in nvp + totally empty) and store this option.		Toolbar buttons in TSD to hide empty series (in nvp + totally empty) and store this option.		
Plugin - GUI - Time Series	1105-11267	FEWS-10276 (P4) Visualize relevante momenten in timeseriesdisplay				[code] <parameter id=displayOptions id="t_max"> <preferredColor=red/> <lineStyle=verticalLine/> <timeStep=24/> </parameter id=displayOptions> [code]
Plugin - GUI - Time Series	1105-11278	FEWS-10278 (P5) Uibredning fillemogeligheden in tabel				
Plugin - GUI - Time Series	1105-11279	FEWS-11251 Time Series Display: Add selected value on X-axis graph				
Plugin - GUI - Time Series	1105-11280	Replace TableBean and ChartBean listeners by model				
Plugin - GUI - Time Series	1105-11281	FEWS-11251 On plot overview there must be option to add sub-title				
Plugin - GUI - Time Series	1105-11282	FEWS-11236 BChydro: moving average in TSD for unique timeseries	Show statistical functions only for selected timeseries	Show statistical functions only for selected time series. If no timeserie is selected, all statistical functions will be displayed.		
Plugin - GUI - Time Series	1105-11283	FEWS-10777 Add same options for legend settings for normal graph to Long Term Scroller				
Plugin - GUI - Time Series	1105-11284	FEWS-10777 Change icon for Long Term Scroller (same as Split Graphs)				
Plugin - GUI - Time Series	1105-9559	FEWS-9559 Make visibility buttons of TSD depend on user permission				
Plugin - GUI - Time Series	1105-9560	FEWS-9559 Invert row order of table in TSD				

Delt-FEWS New Features in 2014.02							JIRA
Component(s)	Key	Summary	Release Note Text	Release Note Text Description	Images	Config Example	
Plugin - Gui - Time Series	1105 , 1104	FEWS-9699 Make table in TSD focus in TO	TimeSeriesDisplay table and TO focus	After opening the table, the table is automatically scrolled so that the TO is visible. The position of a row with TO depends on timeseries type. # TSD shows only only historical series, then the TO-row is at the bottom of the table. # TSD shows only forecasts, then the TO-row is at the top of the table. # TSD shows both historical series and forecasts, then the TO-row is in the middle of the table. # TO is not included in the series, the top row shows the first value in the relative view period, or the first forecast value if the read mode was 'read complete forecast'			
Plugin - Gui - Time Series	1105 , 1101	FEWS-10616 (RP3)TVA: new block cost diagram in TSD	TimeSeriesDisplay - new plot type 'colorMapBars'	This plot type is a variant of the stack plot. The time series in 'colorMapBars' plot are plotted as stacked bars. Each bar is colored using the color associated with the times series value. The colors can be configured with classbreaks and are visible in paint scale legend. The height of all bars is the same, and equals Y-axis range/number of series in the subplot. For example, this plot type is suitable to show the incremental cost as a function of hydropower. Please note these restrictions: 1. 'colorMapBars' plot should be the only subplot in plot or display. Showing paint scale legend in combination with an another paint scale legend, or with a regular legend is currently not supported. 2. paint scale legend is always shown at vertical axis. If you choose menu 'Show legend at horizontal axis', the regular legend will be visible (at horizontal axis).		The attached config files DisplayGroups.xml and TimeSeriesDisplayConfig.xml shows how this plot type should be configured	
Plugin - Gui - Time Series	1105 , 1102	FEWS-11753 Vertical timeMarkersDisplay/Config for forecastStartTime should accommodate parameter type	Vertical timeMarker for forecastStartTime in timeseriesDisplay is now set one timestep back for accumulative parameters.	Vertical timeMarker for forecastStartTime in timeseriesDisplay is now set one timestep back for accumulative parameters. The timeMarker can be configured in the TimeSeriesDisplayConfig.xml using the marker name: forecastStartTime.		<code><timeMarkerDisplayConfig> <timeMarkerDisplayOptions marker="forecastStartTime"> <color>green</color> <lineStyle>solid</lineStyle> </timeMarkerDisplayOptions></code>	
Plugin - Gui - Time Series	1105 , 1144	FEWS-11236 BChydro: label ensembleMemberIndex (historical years) as tooltip in graph					
Plugin - Gui - Time Series	1105 , 1071	FEWS-9861 NWS: FogBugz 553: Flow and Stage Thresholds in one graph				<code>[code.xml] !-- put the 'threshold@levelSet.xml' in the region config--> <threshold@levelSet id="DualFlowToLevelTest" name="Threshold Value Set 006"> <stage> <levelThresholdValue> <levelThresholdId>levelStage/</levelThresholdId> <value>1.2</value> </levelThresholdValue> <levelThresholdValue> <levelThresholdId>levelStage/</levelThresholdId> <value>1.4</value> </levelThresholdValue> <levelThresholdValue> <levelThresholdId>levelStage/</levelThresholdId> <value>1.6</value> </levelThresholdValue> <levelThresholdValue> <levelThresholdId>levelStage/</levelThresholdId> <value>1.8</value> </levelThresholdValue> </stage> </threshold@levelSet> <moduleInstanceId>ThresholdCheck/</moduleInstanceId> <valueType>scalar</valueType> <parameterId>B_sr/</parameterId> <locationId>0-2004/</locationId> <timeSeriesType>external_historical</timeSeriesType> <timeStep unit="hour"/> <readWriteMode>add original/</readWriteMode> </timeSeriesSet> </stage> </discharge></code>	
Plugin - Gui - Time Series Modifier	1105 , 1109	FEWS-11251 Inconsistency in short or long names in modifier display					
Plugin - Gui - Time Series Modifier	1105 , 1109	FEWS-11251 Hide buttons on modifier toolbar for topology nodes					
Plugin - Gui - Time Series Modifier	1105 , 1109	FEWS-11251 Closed station must not appear in modifiers display					
Plugin - Gui - Time Series Modifier	1105 , 1107	FEWS-11251 Make attribute modifiers display more intelligent with relation between some attributes (must be greyed out)					
Plugin - Gui - Time Series Modifier	1105 , 1107	FEWS-11816 RatingTableModifier: accommodate paste of the new rating table from excel	TableRatingCurveModifier : Copy and Paste context menus	Use Copy menu to copy rating curve table, or a part of it, to the clipboard. Use Paste menu to paste stages and discharges to the rating curve table. The pasting starts from the (first) selected row.			
Plugin - Gui - Time Series Modifier	1105 , 1109	FEWS-11251 Show official modifiers after deletion of local modifiers					
Plugin - Gui - Time Series Modifier, Plugin - Module - Modifiers (ModuleParameters), Plugin - Module - Transformation	1105 , 1124	Ensemble post processing: Error correction through historical simulated and observed timeSeries	new transformation post processing ensembles by error resampling			<code>[code.xml]<transformation id="UncertaintyAssessment_Clearwater"> <historicalErrorCorrection> <forecastVariable> <variableId>Q_forecast</variableId> </forecastVariable> <errorReference> <startDate>01-01-1950/</startDate> <endDate>01-01-2000/</endDate> <historicalSimulatedVariable> <variableId>Q_simulated</variableId> </historicalSimulatedVariable> <historicalObservedVariable> <variableId>Q_observed</variableId> </historicalObservedVariable> </errorReference> <featureVectorDimension> <historicalSimulatedVariable> <variableId>FeatureVector_Q_historical</variableId> </historicalSimulatedVariable> <forecastVariable> <variableId>FeatureVector_Q_forecast</variableId> </forecastVariable> <weight>weight1</weight> <timeShift>weightShift1/</timeShift> </featureVectorDimension> <featureVectorDimension> <historicalSimulatedVariable></code>	

Delt-FEWS New Features in 2014.02						YIRA
Components	Key	Summary	Release Note Text	Release Note Text Description	Images	Config Example
Plugin - Module - Data Import	1115 1092	New parser for API data import (build the required url)	http://publicwiki.deltare.nl/display/FEWSDOC/CyMonr-Csv			<pre><!-- <import> <general> <importType>CyMonr_2</importType> <serverUrl> http://wspweb.waterinsight.nl/api?service=cymonr&version=1.0.0&request=GetData </serverUrl> <user>delatess</user> <password>delatess</password> <relativeTimeInterval unit="hour" start="*-*-*" end="360"/> <idMapId>idImport</idMapId> <unitConversionId>Import</unitConversionId> <importTimezone> <timeZoneOffset>+05:00</timeZoneOffset> </importTimezone> <dataFeedId>CyMonr</dataFeedId> </general> <properties> <bool key="add_current_line" value="true"/> <bool key="last_analysis" value="true"/> <string key="extent" value="lbcw=5.0,40.0,10.0,60.0"/> <string key="format" value="csv"/> </properties> --></pre>
Plugin - Module - Data Import	1115 1109	FEWS-11816 Add <serverUrl>-option to importType generalCSV				
Plugin - Module - Data Import	1115 1107	FEWS-10616 TVA: new import format for hydrothermal data	EDStransmission parser	https://publicwiki.deltare.nl/display/FEWSDOC/EDStransmission		<pre><!-- <importType>EDStransmission</importType> --></pre>
Plugin - Module - Data Import	1115 1113	FEWS-11355 Import track forecast #1: JTWC (Japan Typhoon Warning Centre)		https://publicwiki.deltare.nl/display/FEWSDOC/JTWC		
Plugin - Module - Data Import	1115 1117	FEWS-11355 Import Netcdf files with COARDS definition and ensembles using OpenDAP				
Plugin - Module - Data Import	1115 1114	Import NETCDF-CF_GRID <serverUrl> in combination with fileNamePatternFilter				<pre><!-- <importType>NETCDF-CF_GRID</importType> <serverUrl>http://del-1002-xtz.deltare.nl/8080/thredds/catalog/opendap/mirored/pnl/scmf/net_forcing_v0/1979/catalog.xml</serverUrl> <fileNamePatternFilter>1.nc</fileNamePatternFilter> --></pre>
Plugin - Module - Data Import	1115 1110	import filter for CEMG binary grids		CEMG binary GRID importers: importType: CEMG		<pre><!-- <importType>CEMG</importType> --></pre> <p>For a complete configuration documentation see: https://publicwiki.deltare.nl/display/FEWSDOC/CEMG</p>
Plugin - Module - Data Import	1115 1108	FEWS-9698 New Import: MetOfficeWV3	MetOfficeWV3 parser implemented	The MetOfficeWV3 import function imports Met Office WAVEWATCH III wave model hindcast data. https://publicwiki.deltare.nl/display/FEWSDOC/MetOfficeWV3		<pre><!-- <importType>MetOfficeWV3</importType> --></pre>
Plugin - Module - Data Import	1115 1114	FEWS-10715 Extend netcdf spectrum import so that it can import quality flags	Netcdf spectrum can import quality codes for 1D and 2D spectra			
Plugin - Module - Data Import	1115 1112	FEWS-11876 URA Importer	URA data import	URA data import. https://publicwiki.deltare.nl/display/FEWSDOC/URA		<pre><!-- <importType>URA</importType> <importTimezone> <timeZoneName>CET</timeZoneName> </importTimezone> --></pre>
Plugin - Module - Data Import	1115 1118	FEWS-11876 CHC Importer	CHC import function	CHC import function. See: https://publicwiki.deltare.nl/display/FEWSDOC/CHC		<pre><!-- <importType>CHC</importType> <importTimezone> <timeZoneName>CET</timeZoneName> </importTimezone> --></pre>
Plugin - Module - Data Import	1115 1107	FEWS-11876 DHL-PRESA importer	importer for DHL-PRESA	importer for DHL-PRESA. See: https://publicwiki.deltare.nl/display/FEWSDOC/DHL_PRESA		<pre><!-- <import> <general> <importType>DHL_PRESA</importType> <folder>IMPORT_PRESA</import> <idMapId>DHL_PRESA</idMapId> <importTimezone> <timeZoneName>CET</timeZoneName> </importTimezone> </general> --></pre>
Plugin - Module - Data Import	1115 1111	FEWS-10715 Import spectra data from LMW database using SIP protocol				
Plugin - Module - Data Import	1115 1111	FEWS-9698 New Import: CS3xTidalSurge	CS3xTidalSurge parser implemented	The CS3xTidalSurge parser. https://publicwiki.deltare.nl/display/FEWSDOC/CS3xTidalSurgeTime		<pre><!-- <importType>CS3xTidalSurge</importType> --></pre>
Plugin - Module - Data Import	1115 1109	Change unit tests to use the new FEWS test OpenDAP server				
Plugin - Module - Data Import	1115 1110	FEWS-9600 F12 debug menu: add new option to create grid definition files for unstructured grids	Added option to create grid definition for unstructured grids to F12 debug menu.	This feature is implemented for the current (old) output grid netcdf format of D-Flow FM, but not for the proposed new U-Grid format, since the U-Grid format is not (yet) supported by D-Flow FM. In F12 debug menu choose "convert", then choose one of the following options: - "netcdf file unstructured grid node coordinates to csv file" to create a grid definition for the NetNodes (nodes) from a D-Flow FM map or geometry file. - "netcdf file unstructured grid flowlink coordinates to csv file" to create a grid definition for the FlowLinks (centers of edges) from a D-Flow FM map or geometry file. - "netcdf file unstructured grid cell contours to shape file" to create a grid definition for the FlowElements (faces) from a D-Flow FM map or geometry file.		
Plugin - Module - Data Import	1115 1118	Import actionLogEventTyped is always written for url imports. It should only been written once there is new data written to the database.				
Plugin - Module - Decision	1115 1109	FEWS-10850 DecisionModule: Use of multiple BarrierConfigFiles				
Plugin - Module - General Adapter	1115 1109	Passing environment variables Windows				
Plugin - Module - General Adapter	1115 1108	FEWS-10384 Won't fix: Create new version of the general adapter schema that includes only the activities that are relevant for the new model adapter setup.				
Plugin - Module - General Adapter	1115 1109	New model adapter to copy a certain file based on certain time series data				<pre><!-- <exportActivity> <general> <exportTime> <description>Export data set</description> <moduleDataSetNameMap> <moduleDataSetNameMap> </moduleDataSetNameMap> <moduleInstanceId>ExportActivityDataSetMapping</moduleInstanceId> <moduleType>moduleType</moduleType> <parameterId>parameterId</parameterId> <locationId>DHL_PRESA</locationId> <timeSeriesType>external_historical</timeSeriesType> <timeStep unit="hour" /> <relativeTimeInterval unit="second" start="0" end="0"/> <readWriteMode>read only</readWriteMode> </general> </exportActivity> --></pre>
Plugin - Module - General Adapter	1115 1107	FEWS-9600 Check if DFLOWFM can write a log file				
Plugin - Module - General Adapter	1115 1114	FEWS-9600 ImportNetcdfActivity: add support for importing unstructured grid netcdf output data from DFLOWFM				
Plugin - Module - Modifiers (ModuleParameters)	1115 1107	FEWS-10908 NWS: FB1486: calibration modifier display: Ability to modify parameters expressed as tables in modifier display				
Plugin - Module - Modifiers (ModuleParameters)	1115 1107	FEWS-10908 NWS: FB1467: calibration modifier display: CHPS does not like the number of parameters changing during the course of the calibration				
Plugin - Module - Modifiers (ModuleParameters)	1115 1108	FEWS-11251 Refactor Attribute Modifier display schema and code				

Delt FEWS New Features in 2014.02							YIRA
Component	Key	Summary	Release Note Text	Release Note Text Description	Images	Config Example	
Plugin - Module - Modifiers (TimeSeries)	1105 1178	FEWS-10908 NWS: FB509: ROCHINGTSCING mods window plot & table do not reflect the proper valid period					
Plugin - Module - Modifiers (TimeSeries)	1105 1177	FEWS-10908 NWS: FB131: Update SACCO mod so it can use deficits and not only contents					
Plugin - Module - Performance Indicators	1105 1265	FEWS-10851 Performance Indicator: Option to configure a specific time window in addition to a certain leadtime	Performance indicators: leadTimeAccuracyIndicator in time window	<p>This indicator can be activated using the config element "leadTimePeriods". It can be used with both forecasted and historical series.</p> <p>FORECASTED series: When this option is used, the indicator will be computed for the time ranges configured with "leadTimePeriod".</p> <p>To compute this indicator the following method is used: First the differences are computed between observed and forecasted values in the time window configured with "leadTimePeriod". This is done for all forecasts. The indicator for the particular "leadTimePeriod" is computed using all differences from all forecasts.</p> <p>HISTORICAL series: The indicator will be computed for the entire series. We still need to configure one leadTimePeriod to specify how the result will be stored. See config example LeadTimeAccuracyIndicatorForHistorical.xml</p>			
Plugin - Module - Performance Indicators	1105 1265	FEWS-11250 Multiple forecast statistics report					
Plugin - Module - Performance Indicators	1105 1266	FEWS-10734 additional performance parameters for Performance Indicator module	Additional performance indicators: special PeaksAccuracy indicators, StandardDeviation	<p>Special PeaksAccuracy indicators</p> <p>These indicators can be activated with additionalCriteria</p> <p>1. criteria="timewindowseconds" When this option is used, the indicator will be computed for the time range around the peak. With "timewindowseconds" the time range before and after the peaks can be configured. Restrictions: - only one element criteria="timewindowseconds" can be configured. - this option is applicable only for single simulated time series. If several simulated time series are found in the forecastSelectionPeriod, the latest one will be used.</p> <p>See config example PeaksAccuracyIndicatorWithTimeWindow.xml</p> <p>2. criteria="timeshiftwindowseconds" When this option is used, the time difference (in seconds) between simulated and observed peaks will be computed over the time range around the peak. To compute the time difference, the simulated time series are temporally shifted to find the minimum error. With "timeshiftwindowseconds" the time range before and after the peaks can be configured. Restrictions: - should be used only with statistical function RMSE or MSE. - only one element criteria="timeshiftwindowseconds" can be configured. - this option is applicable only for single simulated time series. If several simulated time series are found in the forecastSelectionPeriod, the latest one will be used.</p>		Examples of xml files are attached to this issue	
Plugin - Module - Reports	1105 1265	FEWS-10053 Flexible html report contents with actual user, report time and forecaster notes	Report module can use the \$USER\$NAME\$ tag	The \$USER\$NAME\$ tag can be used in reports to use the user display name. See: https://publicwiki.deltare.nl/display/FEWSDOC/Tags+in+report+template			
Plugin - Module - Reports	1105 1193	FEWS-11250 Web reports (HYFS-568) - Max status label in GMT	Reports maximumStatusTable: time formatting in the table title	To format the time in the table title, the timeHeaderDisplayFormat from the main (outside) maximumStatusTable format is used for all tables. See config example.		<p>Example maximumStatusTable configuration from Report_156_status_table.xml :</p> <p>the time displayed in the title of tables "observed" and "forecast" is formatted using timeHeaderDisplayFormat from maximumStatusTable format "maximumStatusMain". It is in format: dd/MM/yyyy HH:mm</p> <pre>[code:xml] <maximumStatusTable tableStyle="tableStyle5" id="maximumStatusMain"> <timeHeaderText></outside table>/<timeHeaderText> <timeStepInTable></timeStepInTable> <timeStepAggregation></timeStepAggregation> <timeHeaderInterval></timeHeaderInterval> <timeHeaderDisplayFormat>dd/MM/yyyy HH:mm</timeHeaderDisplayFormat> <colWidth></colWidth> <showAsSingleColumn>false</showAsSingleColumn> <showWarningLevelName>false</showWarningLevelName> </maximumStatusTable> <reports> <maximumStatusTable id="table1" formatId="maximumStatusMain" mergedLocation="false"> <table formatId="maximumStatusSingleColumn" id="observed" mergedLocation="false"> <tableHeader formatId="maximumStatusSingleColumn" id="observed"> <timeSeries thresholdGroup="Waterlevel">Observed_R_obs</timeSeries> </table> </table> [/code:xml]</pre>	
Plugin - Module - Reports	1105 1266	FEWS-11250 Improve multiple forecast graph in Reports where forecasttime is visible					
Plugin - Module - Reports	1105 1266	Web reports: Display rating curve	Reports "ratingCurveChart" and "ratingCurveTable"	<p>The attached configuration examples show how this report type can be configured.</p> <p>The locationId, configured in report "ratingCurveChart" "ratingCurveTable", is optional. If omitted, singleLocation="true" should be configured at report level.</p> <p>About "ratingCurveChart" report: Presently there is no format available to customize the ratingCurve chart. When we are going to introduce the ratingCurve chart format, it should be applicable to both reports and displays. For printing of the datum in "valid since ..." (in the chart header) the first configured dateFormat from declaration section is used.</p> <p>About "ratingCurveTable" report: The table can be customized using tableStyle and the element column format, similar to the other HTML tables. This table is a first version. Please enter more requirements details. - If necessary (show flags ?, more details such as interpolation method, ...)</p>			
Plugin - Module - Reports	1105 1270	FEWS-10777 Add option for date-pattern as part of html filename	Added option for date-pattern as part of html filename using the %TIMESERIES_POSTFIX% tag	<p>New tag has been added for customizing the filename of a html report. A dateFormat should be passed to the tag:</p> <p>%TIMESERIES_POSTFIX%(dateFormatId)% where dateFormatId is the id of a dateFormat as specified in the reports declarations. If no dateFormatId is passed: %TIMESERIES_POSTFIX%, the default date format ddmmmyyyy will be used.</p> <p>See also: https://publicwiki.deltare.nl/display/FEWSDOC/09+Report+ModuleId+09ReportModule-OutputFileName</p>		<pre><report singleLocation="false"> <chart id="scalarChart" formatId="chartFormat1" width="600" height="300"> <timeSeriesRss>timeSeries</timeSeriesRss> </chart> <table id="scalarTable" formatId="htmlTableFormat1"> <timeSeriesRss>timeSeries</timeSeriesRss> </table> <template>reportTemplate.html</template> <outputFileName>reportExample_VTIMESERIES_POSTFIX(dateFormat1).html</outputFileName> </report></pre>	
Plugin - Module - Secondary Validation	1105 1264	FEWS-10276 (H9) Tijdsafhankelijke secundaire validatie					
Plugin - Module - Secondary Validation	1105 1261	FEWS-9559 new tag in logmessage Secondary/validationModule	A new tag %VALUE% can be added to log message in secondary validation. This will display the value of the last updated flag.	A new tag %VALUE% can be added to log message in secondary validation. This will display the value of the last updated flag.			VALUE% can be added to log message in secondary validation. This will display the value of the last updated flag.
Plugin - Module - Statistics	1105 1211	FEWS-10073 Automatic summations for timeseries that match a certain qualifier filter					

[illegible]