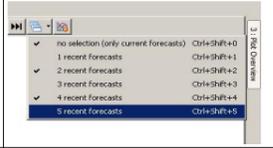
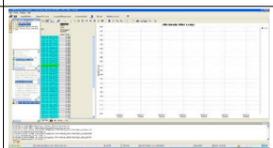
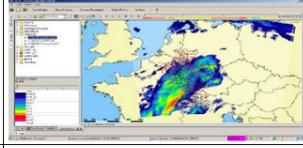
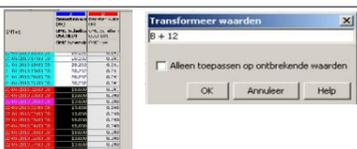
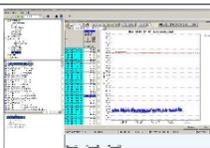
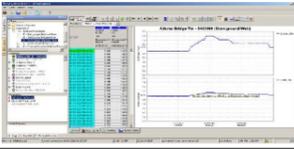
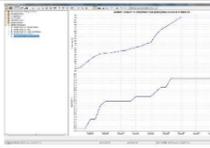
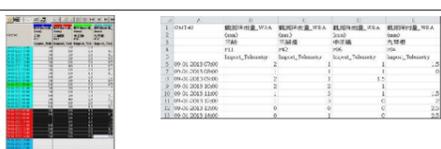
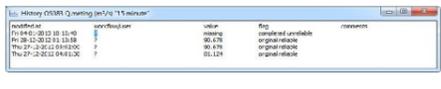
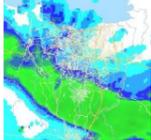
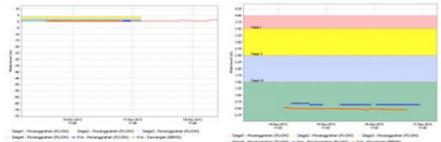
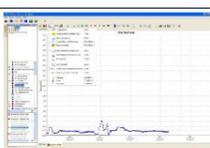
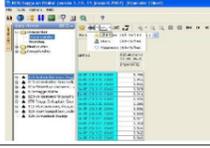


Component/s	Issue Type	Key	Summary	Release Note Text	Release Note Text Description	Config Example	Images
App - Admin Web User Interface	Bug	FEWS-8563	AdminInterfaceLogs not included in logs collected by logfilecollector				
App - Admin Web User Interface	Bug	FEWS-7997	Incorrect error or message while creating tasks: invalid repeat time	Valid schedule interval in AI too short, maximum is now -68 years			
App - Admin Web User Interface	Bug	FEWS-8809	Tasks remain flagged as running in the Admin Interface, after having finished				
App - Configuration Manager Gui	Sub-task	FEWS-8969	FEWS-8769 - auto_download_configuration does not work		The ConfigManager now detects more reliable when the synchronisation is finished and the tree needs to be updated		
App - Configuration Manager Gui	Bug	FEWS-8852	Exception on importing any zip file as coldstate without space and coldstate group in name				
App - Configuration Manager Gui	Bug	FEWS-8615	ConfigManager download from context menu for ColdStates folder downloads moduleDataSetFiles.	A bug was fixed where the ConfigManager downloaded moduleDataSetFiles using the context menu on the ColdStates folder.			
App - Configuration Manager Gui	Bug	FEWS-8506	Improve management of *.patch.jar				
App - Configuration Manager Gui	Bug as subtask	FEWS-9178	FEWS-8769 Frequently the CM is completely locked, you can not do anything anymore. Only killing the process will do something				
App - Data Import Module (DIM)	Bug as subtask	FEWS-9069	FEWS-8872 Import Routine trying to read gbx8 (index) files, in case it is not deleted				
App - JDBC driver, System - PI Service	Task	FEWS-8202	Find out how much effort it would be to provide SSD to FewstPService in the same way JDBC server does it				
App - Master Controller Server	Sub-task	FEWS-7784	FEWS-7807 Do not compress already compressed files during synchronisation.		Improvement in performance of synchronisation with mastercontroller.		
App - Master Controller Server	Task	FEWS-8088	Uitzoeken of het mogelijk is om MC-MC over https te laten verlopen				
App - Master Controller Server	Bug	FEWS-8732	TM.Logprocessor is down, TaksManager being continuously restarted				
App - Master Controller Server	Bug	FEWS-8464	Cannot start more than one logfilecollector	A bug was fixed that caused the LogFileCollector service to fail when the default port has been blocked by another LogFileCollector or a different process			
App - Master Controller Server, System - Synchronisation	Bug	FEWS-8484	When Synchronising large tables the MC_Synchronisation does not generate a heart beat within the hour, causing it to fail				
App - Master Controller Server	Bug as subtask	FEWS-8306	FEWS-8247 Problems when you define expiry time of tasks in admin interface				
App - Master Controller Server	Bug	FEWS-8240	MC synch email service should collect logmessages and separate them with both CR + LF and not only a CR or LF.	Log messages in body of system alert e-mails (tag %LOG%) should be separated by CR+LF instead of just LF, as Exchange clients cannot handle messages with just a LF			
App - Operator Client Gui	Sub-task	FEWS-8359	FEWS-8247 'Search and select forecasts' tick box selection not working properly				
App - Operator Client Gui	Sub-task	FEWS-8358	FEWS-8247 Error when applying the boolean option in the parameters modifier (see stack trace)				
App - Operator Client Gui	Sub-task	FEWS-8357	FEWS-8247 Errors generated if no default warm state selection is defined because default end time is in the future.				
App - Operator Client Gui	Sub-task	FEWS-8356	FEWS-8247 Locally run forecasts no longer appear in forecast management tab (forecasts in Local Datastore).				
App - Operator Client Gui	Bug as subtask	FEWS-8775	FEWS-8858 E7815 - Red/Magenta/Green indicators				
App - Operator Client Gui	Bug	FEWS-8630	Floodmaps (Timeseries synch level 2) are not downloaded as part of a Forecast				
App - Operator Client Gui	Bug	FEWS-8276	Exception when you close the OC during synchronisation	Several NullPointerExceptions due SimpleReconnectionStrategy are resolved.			
App - Operator Client Gui	Bug as subtask	FEWS-8986	FEWS-8769 mydoggy IndexOutOfBoundsException when closing FEWS (With open spatial, forecast management and system monitor)				
App - Operator Client Gui	Bug	FEWS-8654	MyDoggy in stand alone mode when exiting FEWS				
App - Operator Client Gui	Bug	FEWS-8653	MyDoggy ArrayIndexOutOfBoundsException when exiting FEWS				
App - Operator Client Gui, System - Logging	Bug	FEWS-8735	Too many default levels changed from DEBUG to INFO in OC				
App - Operator Client Gui	Bug as subtask	FEWS-9133	FEWS-9121 Explorer: (un)hiding Status Bar elements becomes a mess				
App - Operator Client Gui	Bug as subtask	FEWS-8925	FEWS-8769 Toolbar button "remove current location selection" should be disabled by default				
App - Operator Client Gui	Bug as subtask	FEWS-8927	FEWS-8769 Explorer Map display: hide selection combobox (and remove selection button) until needed				
App - Operator Client Gui	Bug as subtask	FEWS-9051	FEWS-8769 Saving toggle button status in grid display in user settings does not work				
App - Operator Client Gui	Bug as subtask	FEWS-8976	FEWS-8769 Refresh F5 for Display Groups broken				
App - Operator Client Gui	Bug	FEWS-8861	<dateTimeFormat>dd-MM-yyyy kk:mm</dateTimeFormat> leads to hrs-indication of "25" iso "24"				
App - Operator Client Gui	Bug as subtask	FEWS-8663	FEWS-8769 Windows disposal errors on exit (various listeners)				
App - Operator Client Gui	Bug	FEWS-8339	When FEWS includes PCRaster and the vcredist_x86.exe is not installed, FEWS does not start and gives no logging but only a brief popup that java could not be started.				
App - TeamCity	Bug	FEWS-8797	DefaultNativeProcessTest causes TeamCity builds to fail. Failed to start build #39622 on w106978 Error while applying patch				
Configuration	Bug as subtask	FEWS-9033	FEWS-8804 Topology: In (regional) TopologyGroup config, multiple nodes can be defined. Only the first node shows in forecast tree				
Database	Bug	FEWS-8745	ArrayIndexOutOfBoundsException: -1 op ESS: hi direct data access				
Database	Bug	FEWS-8463	Synchronisation on systems with PostgreSQL is extremely slow	Updated PostgreSQL JDBC driver to 9.2.1002.jdbc4.jar to fix slow synchronisation on systems with PostgreSQL			
Database	Bug	FEWS-8664	synchronisation with opendatabase => F12 "function update config in external database" seems to fails in operational system				
Database	Bug	FEWS-8639	OutOfMemoryError (caused by infinite loop in ModuleRunChain) while running ensemble forecast from IFD				
Database	Sub-task	FEWS-8629	FEWS-8170 Ensemble member Id's & retrieving only members created in a particular forecast				
Debug Tool - Database Viewer	Bug	FEWS-8650	Nonequidistant timeseries fail to be visualised in Database viewer				
Debug Tool - Database Viewer	Bug as subtask	FEWS-8937	FEWS-8769 Eerste tijdreeks in database Viewer is niet altijd correct weergegeven				
Debug Tool - Workflow Navigator	Sub-task	FEWS-9048	FEWS-8769 RangeDependentTransformation results in error in Workflow Navigator		Backported from trunk: fix in TransformationModuleConfigFileParser (FEWS-8711)		
Debug Tool - Workflow Navigator	Bug	FEWS-8711	NullPointerException in WorkflowNavigator (datastore = null)				
Module Adapter - Delt3D	Bug as subtask	FEWS-7156	FEWS-7540 TimeZone handling in Delt3DPreAdapter				
Module Adapter - HEC	Bug as subtask	FEWS-9046	FEWS-8858 The HEC-HMS Adapter is not included with new builds				

Component/s	Issue Type	Key	Summary	Release Note Text	Release Note Text Description	Config Example	Images
Module Adapter - SOBEK	Bug	FEWS-8561	Definition of time series is not parsed correctly in to the model as the length of the table should be reduced to actual length.				
Plugin - Gui - Correlation	Sub-task	FEWS-8270	FEWS-8247 Number of values plotted in scatterplot does not match the number of values in event table.		Show all event items in scatterplot	no config	
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9052	FEWS-8769 In GridDisplay rescaling classbreaks gives incorrect scale when both a dataLayer with only contourLines and a normal dataLayer are present.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9039	FEWS-8769 IllegalArgumentException in GridDisplay when selecting Show Longitudinal Profile and both a longitudinal profile and multiple separate points have been drawn				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-8989	FEWS-8769 In quadtreeWaterLevelsLayer in GridDisplay dry cells have value NaN instead of 0				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9057	FEWS-8769 In GridDisplay setDisplayTime period too small in some cases.				
Plugin - Gui - Grid Display	Bug	FEWS-7148	<unitVisible=true</unitVisible> only shows units after rescaling manually.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9132	FEWS-9121 Spatial Display does not show (all) tables when icon pressed (in animation)				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9087	FEWS-8769 In GridDisplay switch on spatialThumbnailsPanel, then restart GridDisplay, then spatialThumbnailsPanel is too big.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9076	FEWS-8769 In GridDisplay the scalebar is displayed incorrectly when zoomed out very far.				
Plugin - Gui - Grid Display	Sub-task	FEWS-9060	FEWS-8769 Remove F12 debug menu option "showThumbnails" in GridDisplay (this has become obsolete after FEWS-7467).				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9058	FEWS-8769 In GridDisplay if entire shown period contains data, then pressing the stop button resets the slider time to the second timeStep instead of the first timeStep in the period.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9041	FEWS-8769 Calculated budget has values that are all 0.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-8988	FEWS-8769 ArrayIndexOutOfBoundsException in quadtreeSubgridVelocitiesLayer in GridDisplay.				
Plugin - Gui - Grid Display	Bug	FEWS-9186	Spatial display does not show grid colours if the opaquespercentage is not configured.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9064	FEWS-8769 Location attributes filter stays active in some cases when it should not.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9061	FEWS-8769 In GridDisplay with OpenStreetMap layer, grid data disappears after zooming or panning.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9056	FEWS-8769 In GridDisplay data disappears sometimes after setDisplayTime.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9054	FEWS-8769 In GridDisplay for dataLayer with only contourLines the values of the contours are sometimes not shown.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9045	FEWS-8769 In GridDisplay showing moving average data takes more than 10 seconds, which is much too slow				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9043	FEWS-8769 In GridDisplay data disappears from screen when extracting time series for single point (double-click) when contours are shown				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-9031	FEWS-8769 Changing the view period of the time slider in the Spatial Display does not have an effect.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-8996	FEWS-8769 When loading large amount of data from the central database (like 5min radar images for 4 days, which takes 5 secs) you should have an hourglass.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-8987	FEWS-8769 In GridDisplay for a quadtreeSubgridVelocities layer all sides of a given quadtreeCell point to the same flow linkIndex.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-8942	FEWS-8769 Presenteren van irregular grids in Spatial Display werkt niet meer correct				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-8938	FEWS-8761 Out of bounds exception in grid display.				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-8913	FEWS-8709 Filters and legend for location Attributes disappear in spatial display when activated in toolbar				
Plugin - Gui - Grid Display	Bug as subtask	FEWS-8867	FEWS-5586 InvocationTargetException when opening spatialThumbnailsPanel while displaying subgrid depths with DEM and openMap layer in 3Di				
Plugin - Gui - Grid Display	Bug	FEWS-8651	NullPointerException when Quality Flags button flag is clicked.				
Plugin - Gui - Grid Display	Bug	FEWS-9196	AnimatedWMSLayer: extra quotes are added to generated URL				
Plugin - Gui - Manual Forecast	Sub-task	FEWS-8637	FEWS-8247 Batch forecast in Manual Forecast Display does not work on live system	The manual forecast dialog initial scheduling period on the OC set to a valid value.	The manual forecast dialog initial scheduling period on the OC is now set to the next cardinal time of the maximum of "row" and T0.		
Plugin - Gui - Manual Forecast	Bug	FEWS-9003	ManualForecastDialog does not retain T0 when entered manually.				
Plugin - Gui - Manual Forecast	Bug as subtask	FEWS-8997	FEWS-8769 Macro button in Manual Forecast Dialog is default visible, but should not be.				
Plugin - Gui - Map	Bug as subtask	FEWS-8943	FEWS-8769 When changing the System Time time zone, the icons on the map are not refreshed.				
Plugin - Gui - Map	Bug as subtask	FEWS-9035	FEWS-8769 F12 menu function "last value visible on map" not always working				
Plugin - Gui - Map	Bug as subtask	FEWS-9036	FEWS-8769 Copy current map to png file				
Plugin - Gui - Map	Sub-task	FEWS-8950	FEWS-8769 Error when exporting config in OC				
Plugin - Gui - Map	Bug	FEWS-8890	Map Extent coupled to Filters does not seem to work properly				
Plugin - Gui - PRTF	Sub-task	FEWS-9065	FEWS-8769 PRTF Display: the Show from box in display does not do anything.				
Plugin - Gui - ScenarioEditor (NGMS)	Sub-task	FEWS-9055	FEWS-8769 NullPointerException when setting DisplayTime from statusbar in ScenarioEditor.				
Plugin - Gui - ScenarioEditor (NGMS)	Sub-task	FEWS-8859	FEWS-8868 Bug in Scenario Editor wanneer alleen user-defined shape file wordt geselecteerd		An configuration option for allowing the location selection filter to be applied was added to the General adapter.		
Plugin - Gui - Schematic Status Display	Sub-task	FEWS-8964	FEWS-8769 Rounding of value in SSD according to pattern in numberformat can lead to -0				

Component/s	Issue Type	Key	Summary	Release Note Text	Release Note Text Description	Config Example	Images
Plugin - Gui - Schematic Status Display, Plugin - Module - Reports	Sub-task	FEWS-5228	FEWS-6412 Schematic Status Display object available in Report Module	Functionality was added to create avi, animated gif, png and svg of a Schematic Status Display for use within the reports.	The reports module can generate animations of a single Schematic Status Display Panel in avi format and animated gif as well as snapshots of a single Schematic Status Display Panel in the png format and the svg format. The reports can refer to the generated files using \$SSD_AVI(myId)\$, \$SSD_ANIMATED_GIF(myId)\$, \$SSD_PNG(myId)\$ and \$SSD_SVG(myId)\$ respectively.	<pre> <code>xml <schematicStatusDisplayPanelSnapshot> </variable> </variable> </variable> <transformation id="UserSimpleTransformation"> <user> <simple> <expression>Waterstanden_10min * 100</expression> <outputVariable> <variableId>Waterstanden_10min_times_100</variableId> </outputVariable> </simple> </user> </transformation> <scadaPanel id="TK" name="Twentekanalen 10 min"> ... </scadaPanel > <width>1024</width> <height>800</height> <snapshot id="ssd1"> <relativeTime unit="hour" value="-4"/> <fileName>SSD_test1.png</fileName> </snapshot> <snapshot id="ssd2"> <relativeTime unit="hour" value="-3"/> <fileName>SSD_test2.png</fileName> </snapshot> </schematicStatusDisplayPanelSnapshot> </code> </pre>	
Plugin - Gui - Schematic Status Display	Sub-task	FEWS-8768	FEWS-8868 NGMS Schematic Status Display does not show results of opened forecasts (only approved runs are shown)				
Plugin - Gui - System Monitor	Bug as subtask	FEWS-9023	FEWS-8769 Null pointer error when saving message from bulletin board in System Monitor Display				
Plugin - Gui - TaskRunDialog	Bug as subtask	FEWS-9027	FEWS-8769 Taskrun Dialog buttons disappear after undocking				
Plugin - Gui - Time Series	Bug as subtask	FEWS-9177	FEWS-8769 TimeseriesDisplayConfig should not require a IncrementY Value. It should be optional for backwards compatibility.				
Plugin - Gui - Time Series	Bug as subtask	FEWS-8843	FEWS-8801 Peel & Maasvallei: kopiëren waarden uit tabel durationcurve (duurlijn)				
Plugin - Gui - Time Series	Bug	FEWS-8156	Error bij het verplaatsen van kolommen in de data editor				
Plugin - Gui - Time Series	Sub-task	FEWS-9034	FEWS-8769 Colored thresholds in TSD				
Plugin - Gui - Time Series	Bug as subtask	FEWS-9124	FEWS-8769 Selecting graphs in TSD/predefined graphs with arrow keys does not always work				
Plugin - Gui - Time Series	Bug as subtask	FEWS-8783	FEWS-8777 Peel & Maasvallei: bug in data editing				
Plugin - Gui - Time Series	Bug as subtask	FEWS-8557	FEWS-3646 Legends should be rotatable for 'special charts'				
Plugin - Gui - Time Series	Bug as subtask	FEWS-9125	FEWS-9121 CTRL+E (start data editor) does not work				
Plugin - Gui - Time Series	Bug as subtask	FEWS-8726	FEWS-8769 Edit button in TimeSeriesDisplay is enabled, while there is no permission				
Plugin - Gui - Time Series	Bug as subtask	FEWS-8945	FEWS-8769 De Plots display (time series display) opent automatisch met de tabel knop in de toolbar acties, maar de tabel is niet zichtbaar.				
Plugin - Gui - Time Series	Bug	FEWS-8673	Scatterplot selectable when no timeseries are selected (results in nullpointer exception)				
Plugin - Gui - Time Series	Bug	FEWS-9113	Nullpointer in TSD: tabel filter optie				
Plugin - Gui - Time Series	Bug	FEWS-8992	Testing 2013.01: timeseries display - table button is default on while no table is shown				
Plugin - Gui - Time Series	Bug as subtask	FEWS-8973	FEWS-8769 Grafiek titel is incorrect na selectie locatie vanuit Spatial Display				
Plugin - Gui - Time Series	Bug	FEWS-8970	The RelativeViewPeriod defined for individual time series defined in DisplayGroups should override the RelativeViewPeriod in TimeSeriesDisplayConfig				
Plugin - Gui - Time Series	Bug as subtask	FEWS-8944	FEWS-8769 BoM-HyFS: TSE: reliable flag edit does not work				
Plugin - Gui - Time Series	Bug as subtask	FEWS-8934	FEWS-8769 Chartlayer gives nullpointer on initial startup of FEWS Rivieren OC				
Plugin - Gui - Time Series	Bug	FEWS-8657	Exception when opening polar plot in TimeSeriesDialog				
Plugin - Gui - Time Series	Bug	FEWS-8575	TSD copy paste error when copying missings				
Plugin - Gui - What-If Scenario	Bug as subtask	FEWS-9013	FEWS-8769 What if Scenario crashes when setting the end time visibility				
Plugin - Module - Archive	Bug as subtask	FEWS-9022	FEWS-8769 Archives do not contain session information so the edit history is not stored. This is very important for evaluation				
Plugin - Module - Data Export	Bug	FEWS-8878	Umaquo export from explorer exports too many times and does not fill all columns				
Plugin - Module - Data Export	Sub-task	FEWS-8784	FEWS-7378 Allow exporting without configuring timeseriessets				
Plugin - Module - Data Import	Bug	FEWS-8643	DinoServiceTimeSeriesParser connection does not use a time out				
Plugin - Module - Data Import	Sub-task	FEWS-8233	FEWS-8203 Uitzoeken hoe drop-size distribution het beste doorgegeven kan worden dmv XML				
Plugin - Module - Data Import	Bug as subtask	FEWS-8952	FEWS-8709 TimeSeriesImport: OPE data timestamped at T0 instead of valid time as defined in file				
Plugin - Module - Data Import	Bug as subtask	FEWS-8901	FEWS-8895 SEPA: Import MOGREPS crashes while it works in 2011.02				
Plugin - Module - Data Import	Bug	FEWS-8593	Korean Global weather forecast grib2 files are flipped				
Plugin - Module - Data Import	Task	FEWS-8579	Importing grib1 files in Fews DE - check out warnings/errors				
Plugin - Module - Data Import	Sub-task	FEWS-8192	FEWS-8170 Add import of MJO (Madden Julian Oscillation) index series	Added import of MJO (Madden Julian Oscillation) index series	The importType MJOClimateIndex accommodates the import of indices characterizing the Madden Julian Oscillation (MJO), as available in ASCII format on http://cawcr.gov.au/staff/mwheeler/maproo/RMM/RMM1RMM2.74toRealtime.txt . The file contains four daily non-dimensional time series: the Real-time Multivariate MJO series 1 (RMM1), RMM2, phase, and amplitude.	<pre> <code>xml <example config for importType MJOClimateIndex.> The external parameter id's RMM1, RMM2, phase, and amplitude may need to be mapped to internal parameter id's. Reading from website: <code>xml <import> <general> <importType>MJOClimateIndex</importType> <serverUrl>http://cawcr.gov.au/staff/mwheeler/maproo/RMM/RMM1RMM2.74toRealtime.txt</serverUrl> ... </code> Reading from import folder: <code>xml <import> <general> <importType>MJOClimateIndex</importType> <folder>\$IMPORT_MJO_FOLDERS</folder> ... </code> Example idMap: <code>xml <parameter external="RMM1" internal="MJO_RMM1"/> <parameter external="RMM2" internal="MJO_RMM2"/> <parameter external="amplitude" internal="MJO_amplitude"/> <parameter external="phase" internal="MJO_phase"/> </code> </pre>	

Component/s	Issue Type	Key	Summary	Release Note Text	Release Note Text Description	Config Example	Images
Plugin - Module - Data Import	Sub-task	FEWS-8191	FEWS-8170 Add import of AO (Arctic Oscillation) index series	Added import of AO (Arctic Oscillation) index series	The importType AOClimateIndex accommodates the import of the Arctic Oscillation (AO) index, as available in ASCII format on http://www.cpc.ncep.noaa.gov/products/precip/CWlink/daily_ao_index/monthly_ao_index.b50.current.ascii.table . The timeseries is nondimensional and has a temporal resolution of one month.	Example config for importType AOClimateIndex. No id-mapping or unitconversions required. Reading from website: (code:xml) <code><import><general><importType>AOClimateIndex</importType><serverUrl>http://www.cpc.ncep.noaa.gov/products/precip/CWlink/daily_ao_index/monthly_ao_index.b50.current.ascii.table</serverUrl></general></import></code> Reading from import folder: (code:xml) <code><import><general><importType>AOClimateIndex</importType><folder>IMPORT_AO_FOLDERS</folder></general></import></code>	
Plugin - Module - Data Import	Sub-task	FEWS-8190	FEWS-8170 Add import of PDO (Pacific Decadal Oscillation) index series	Added import of PDO (Pacific Decadal Oscillation) index series	The importType PDOClimateIndex accommodates the import of the Pacific Decadal Oscillation (PDO) index, as available in ASCII format on http://jsao.washington.edu/pdo/PDO.latest . The timeseries is nondimensional and has a temporal resolution of one month.	Example config for importType PDOClimateIndex. No id-mapping or unitconversions required. Reading from website: (code:xml) <code><import><general><importType>PDOClimateIndex</importType><serverUrl>http://jsao.washington.edu/pdo/PDO.latest</serverUrl></general></import></code> Reading from import folder: (code:xml) <code><import><general><importType>PDOClimateIndex</importType><folder>IMPORT_PDO_FOLDERS</folder></general></import></code>	
Plugin - Module - Data Import	Bug	FEWS-8898	BIL reader uses 0 value as missing value				
Plugin - Module - Data Import	Bug	FEWS-8687	com.sun.xml.internal.fastinfoset.stax.factory.STAXInputFactory not present in Java 7 JDK				
Plugin - Module - Data Import	Bug	FEWS-8556	There is no timeout on http connections like Matros import				
Plugin - Module - General Adapter	Sub-task	FEWS-8514	FEWS-8170 GA export and import of scalar timeseries to the NC format	GA: export and import of scalar timeseries to resp. from netCDF format	To export scalar timeseries to netCDF, the activity <exportNetcdfActivity> can be used. All timeseries sets inside one <exportNetcdfActivity> should have the value type scalar. To import scalar timeseries from netCDF, the activity <importNetcdfActivity> can be used. All timeseries sets inside one <importNetcdfActivity> should have the value type scalar. Note that for an export it is required that all ensembles have exactly the same ensemble member indices. The usage of ensemble member id's (strings) is not supported yet.	(code:xml) <code><exportNetcdfActivity><exportFile>timeseries.nc</exportFile><timeSeriesSet><timeSeriesSet><moduleInstanceId>GeneralAdapterRun</moduleInstanceId><valueType>scalar</valueType><parameterId>WaterLevel</parameterId><locationId>H-2001</locationId><timeSeriesType>external</timeSeriesType><historical/><timeSeriesType><timeStep unit="minute" divider="1" multiplier="15"/><relativeViewPeriod unit="hour" start="0" end="12"/><readWriteMode>add originals</readWriteMode></timeSeriesSet></exportNetcdfActivity></code>	
Plugin - Module - General Adapter	Sub-task	FEWS-8632	FEWS-8170 GA: ts-export, omitMissingValues		tested and confirmed with build 39044		
Plugin - Module - General Adapter	Bug	FEWS-8631	PCastorUtils force the use of Sun JRE SAXParser				
Plugin - Module - General Adapter	Sub-task	FEWS-4608	FEWS-8858 Start of relative view period for non GA modules must be dependent on model state.			(code:xml) <code><?xml version="1.0" encoding="UTF-8"?><forecastLengthEstimator 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/forecastLengthEstimator.xsd"><stateModuleInstanceId>test</stateModuleInstanceId><stateSelection><stateSearchPeriod start="-10" end="-5" unit="day"/><stateTime value="-9" unit="day"/></stateSelection></forecastLengthEstimator></code>	
Plugin - Module - Reports	Bug	FEWS-8864	Layers in Animated GIF in report are in wrong order				
Plugin - Module - Reports	Bug as subtask	FEWS-8785	FEWS-8247 Error in reports		Report graphs did not scale correctly when one of the timeseries required a datum conversion using attribute "convertDatum" in InputVariables. With this fix the graph is scaled correctly	Report Variable definition containing attribute "convertDatum" <code><inputVariable variableId="H_Jakarta_SOBEK" variableType="any" convertDatum="true"><timeSeriesSet><moduleInstanceId>Jakarta_SobeK_Forecast_CCAM</moduleInstanceId><valueType>scalar</valueType><parameterId>H_SBK_CCAM</parameterId><locationId>H_Jakarta_SOBEK</locationId><timeSeriesType>simulated</timeSeriesType><forecasting/><timeSeriesType><timeStep unit="minute" multiplier="60"/><readWriteMode>read complete</readWriteMode></timeSeriesSet></code>	
Plugin - Module - Reports	Task	FEWS-8863	Review consistent use of LocationAttribute references and Tag references in "rowPerLocation.htmTable"				
Plugin - Module - Statistics, Plugin - Module - Transformation	Bug	FEWS-8874	PCA calculation from the gui differs from the workflow result				
Plugin - Module - Thresholds	Sub-task	FEWS-8990	FEWS-8769 NFFS Midlands: update of threshold warning icons in Display Groups (shortcut) occurs for all locations when scrolling through one graph		This behaviour is by design, i.e. not a bug.		
Plugin - Module - Thresholds	Task	FEWS-8440	NFFS NW : INCC00007156182 en INCC00007330994 : The offline NFFS isnt going to the enhancing forecasting				
Plugin - Module - Transformation	Bug	FEWS-8738	Nullpointer in rangeTransformation in wfn				
Plugin - Module - Transformation	Bug	FEWS-9014	Timewindow element in Transformation - Sample- NonEquidistant not fully implemented				
Plugin - Module - Transformation	Sub-task	FEWS-8129	FEWS-8170 Merge ensembles into one bigger ensemble	New transformation "GenerationEnsemble", function "combineMembers"	Transformation "GenerationEnsemble", function "combineMembers" This transformation function merges two or more ensembles into one bigger ensemble. The input ensembles may have member indices or member id's. The output ensemble has always member id's. Member indices (numbers) are converted to id's (string). The member id's cq indices of the separate input ensembles are preserved, unless there are duplicated id's cq numbers found. In this case distinguishing output member id's are created by adding the original input ensemble to the output member id	(code:xml) <code><?xml version="1.0" encoding="UTF-8"?><!-- edited with XMLSpy v2007 sp2 (http://www.altova.com) by WL Delft Hydraulics (WL Delft Hydraulics) --><transformationModule version="1.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.wldelft.nl/fews" xsi:schemaLocation="http://www.wldelft.nl/fews http://fews.wldelft.nl/schemas/version1.0/transformationModule.xsd"><variable><variableId>input1</variableId><timeSeriesSet><moduleInstanceId>InputModuleInstance</moduleInstanceId><valueType>scalar</valueType><parameterId>Q</parameterId><locationId>H-2001</locationId><timeSeriesType>external</timeSeriesType><forecasting/><timeSeriesType><timeStep unit="day"/><readWriteMode>read complete</readWriteMode></timeSeriesSet><ensembleId>Ensemble</ensembleId></timeSeriesSet></variable></code>	
Plugin - Module - Transformation	Bug	FEWS-8640	Performance van statisticsSummary max transformation is heel slecht als gevolg van inefficiente routine findMatchingTimeseriesArray				
System	Bug	FEWS-8667	Pressing No on question to do initial download gives Null pointer	A NullPointerException was fixed when initial synch was canceled in the LoginDialog.			
System	Bug	FEWS-9220	WorkflowTest run automatically deletes the localDatastore on startup	Manually configure when database is purged			
System	Sub-task	FEWS-8234	FEWS-8203 Uitzoeken hoe je een GPRS verbinding moet opzetten tussen een sensor en een server				
System	Bug as subtask	FEWS-9126	FEWS-9121 Startup Workflow Navigator gives error messages (but continues)				
System	Bug as subtask	FEWS-9173	FEWS-9121 Slider issue after changing System Time (in Spatial Display)				
System	Bug as subtask	FEWS-9037	FEWS-8769 Cancel button of F12 menu item - encrypt password - returns java heap space error				

Component/s	Issue Type	Key	Summary	Release Note Text	Release Note Text Description	Config Example	Images
System	Sub-task	FEWS-8638	FEWS-8247 system hanging after logging out				
System - Logging	Bug	FEWS-8921	LogEntriesTableAppender does not store ModuleInstanceDescriptorId of messages				
System - Logging	Bug as subtask	FEWS-9149	FEWS-9121 HKV: Configuration of Logging / LoadJ messages				
System - Synchronisation	Bug as subtask	FEWS-8994	FEWS-8769 ERROR - FewsExplorerEnvironment\$.run - Exception updating session: ErrorNoRevol				
System - Synchronisation	Bug	FEWS-8595	Can not log into MC using direct data access and JBoss7				
System - Synchronisation	Bug	FEWS-8154	With a large central database the MC_RollingBarrel does not generate a heart beat within the hour, causing it to fail				
System - Synchronisation	Sub-task	FEWS-8717	FEWS-8828 Improve synchronisation of Regional subsets of time series (D36)				
Water Coach	Bug as subtask	FEWS-8967	FEWS-8769 waterCoachDelay does not function properly, forecasts are shown without delay				
	Bug	FEWS-9140	Time series modifiers shows more timeseries to modify than the ones configured				
	Sub-task	FEWS-8983	FEWS-8769 modifierspanel is not updated when a new mod is created from the TSD				
	Sub-task	FEWS-8982	FEWS-8769 Update of timeseries modifier fails				
	Bug as subtask	FEWS-8951	FEWS-8769 Binding not established on both OC as FSS				
	Sub-task	FEWS-9108	FEWS-8769 NullPointerException in SpatialDisplay after clicking in SpatialDisplay opens a plot and another click action on the SpatialDisplay is performed				
	Bug as subtask	FEWS-9118	FEWS-8769 TSD: legend is not visible, although selected in the toolbar menu-options				
	Bug as subtask	FEWS-9062	FEWS-8769 Show comments, user etc in graphs and table columns does not work any more				
	Bug	FEWS-8929	INC000008401250: 'Missing' forecasts on NFFS Offline webserver				
	Bug	FEWS-9183	MapBean.missingValueOpaquenessPercentage is sometimes ignored				
	Bug	FEWS-9182	MapBean: North or south pole is displayed when zooming out too much				
	Bug	FEWS-9105	crash initial synch Noordzee				
	Bug	FEWS-9089	LastDatabaseCompactTable.ensureSingleRow exception when starting up a Wales client on our test system				
	Bug	FEWS-9070	Table CURRENTSESSIONS already exists: CREATE TABLE CurrentSessions				
	Bug	FEWS-9044	FEWS gives error when a parameter has a standardName configured that is not part of the CF convention				