

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
App - Admin Web User Interface, App - Master Controller Server	<a href="#">FEWS-16933</a>	FEWS-10487 Seqwater: MC_SystemAlerter is in red all the time. Is it bug or we have any issue?	AdminInterface Live Status page now longer displays SystemAlerter MCWorkflow status as red unnecessarily.		
App - Admin Web User Interface	<a href="#">FEWS-18139</a>	FEWS-17521 AI schedule: 1 off task fails with duplicate key error			
App - Admin Web User Interface	<a href="#">FEWS-18132</a>	FEWS-17521 Admin Interface/Task management issues			
App - Admin Web User Interface	<a href="#">FEWS-17146</a>	FEWS-16910 AdminInterface: Uploading of tasks from file fails for tasks with complex scheduling			
App - Admin Web User Interface	<a href="#">FEWS-18511</a>	FEWS-17521 NFFS AI: Bij schedulen van Forecast met een TAG komt deze niet in de scheduled forecasts te staan			
App - Admin Web User Interface	<a href="#">FEWS-18501</a>	FEWS-17521 NFFS: Next due time staat niet goed in AI scheduled tasks			
App - Admin Web User Interface	<a href="#">FEWS-18537</a>	FEWS-17521 NFFS: AI Schedule van workflows neemt verkeerde tijd			
App - Admin Web User Interface	<a href="#">FEWS-18488</a>	FEWS-17521 NFFS: Editing of MC scheduled tasks create second MC task			
App - Admin Web User Interface	<a href="#">FEWS-18486</a>	FEWS-17521 NFFS: New Admin Interface System Status Tab is not clear			
App - Admin Web User Interface	<a href="#">FEWS-18487</a>	FEWS-17521 NFFS: Can not see what MC tasks are scheduled and can not schedule MC task			
App - Admin Web User Interface	<a href="#">FEWS-18481</a>	FEWS-16767 AI: LogManager does not work			
App - Admin Web User Interface	<a href="#">FEWS-18473</a>	FEWS-17521 AI:Set to Failover and Restore does not work correctly			
App - Admin Web User Interface	<a href="#">FEWS-18500</a>	FEWS-17521 NFFS: Bij schedulen van een workflow vanaf AI wordt Approve check niet geaccepteerd			
App - Admin Web User Interface	<a href="#">FEWS-18518</a>	FEWS-17521 AI: Filter on type is removed from View Logs page			
App - Admin Web User Interface	<a href="#">FEWS-18463</a>	FEWS-17521 AI: Login Time of Active Users is not displayed correctly			
App - Admin Web User Interface, Plugin - Gui - System Monitor	<a href="#">FEWS-18715</a>	FEWS-17521 Remote MC's and remote FSS's status does not come through in AI and OC			
App - Admin Web User Interface	<a href="#">FEWS-18280</a>	FEWS-16767 AI: Database trend analysis only shows zeros	System monitor page	System monitor page is now using 4 connections to improve performance of the page.	
App - Admin Web User Interface	<a href="#">FEWS-18489</a>	FEWS-17521 NFFS: Log messages can not be deleted anymore from AI	Log messages were not deleted	Log messages were not deleted. The date that was entered was never parsed correctly and the default value (current time minus one month) was always used.	
App - Admin Web User Interface	<a href="#">FEWS-18616</a>	FEWS-17521 AI: Status connected OC's is same for Duty and Standby MC's while clients are only connected to Duty	Number of connected OC's was always for the duty MC	Number of connected OC's was always for the duty MC. Now the connections are determined per MC.	
App - Admin Web User Interface	<a href="#">FEWS-18602</a>	FEWS-16767 Prevent deprecated MC Workflows from being uploaded.	deprecated mc workflows cannot be uploaded	When a user tries to upload deprecated mc workflows with the tasks upload or the workflow fss mapping upload, the upload fails and an error is displayed with the cause of failure.	
App - Admin Web User Interface	<a href="#">FEWS-18243</a>	FEWS-16767 Synchronizer no longer allowed as workflow FSS target	[Synchronizer] is no longer allowed as FSS target	In the workflow mapping it is no longer allowed to select [Synchronizer] ias FSS target. Using an upload with this fss id will report an error.	
App - Admin Web User Interface, App - Configuration Manager Gui	<a href="#">FEWS-18244</a>	FEWS-16767 Upload workflow mappings should take new default config files into account	workflow mappings upload failed	The workflow mapping upload failed due to dependencies on the old defaultworkflowfiles table. Now synchlevel 11 is used to determine default workflow files.	

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App - Archive	<a href="#">FEWS-18163</a>	FEWS-15083 Archive is always enabled in the PI Rest Service			
App - Archive, Plugin - Module - Archive	<a href="#">FEWS-18011</a>	FEWS-14334 Thredds installation should be simplified			
App - Archive	<a href="#">FEWS-18105</a>	FEWS-14334 Archive Server war logs a lot of errors on startup			
App - Archive, Plugin - Gui - Time Series	<a href="#">FEWS-17478</a>	Requests for simulated data by the seamless integration are not cached correctly			
App - Archive, Plugin - Module - Archive, Plugin - Module - Data Export	<a href="#">FEWS-17150</a>	NetCDF Export of Ensemble Forecast			
App - Archive	<a href="#">FEWS-18513</a>	FEWS-17521 Archive can't load dataManagementTool.xml on linux			
App - Archive	<a href="#">FEWS-18333</a>	build information is not shown in the archive display			
App - Archive	<a href="#">FEWS-18577</a>	FEWS-17521 Nullpointer when archive is not the correct version			
App - Archive	<a href="#">FEWS-18262</a>	FEWS-16132 HERMES: FB88 – Allow archive export activities at local level.	Exporting forecast to the Archive in IFD mode	By default it is not allowed to export forecasts to the archive in IFD mode, while running the archiving workflow from Topology mode. To enable exporting forecasts also in IFD mode, set the option 'allowIFD' to true in the exportArchiveModule.xml, section exportSimulated	An example from ExportArchiveModule.xml : (code:xml) <exportSimulated> <general> <archiveFolder>\$ARCHIVE_FOLDER\$</archiveFolder> <areald>NL</areald> <idMapId>IdArchive</idMapId> <allowIFD>true</allowIFD> </general> <activities> ..... ..... </activities> </exportSimulated>
App - Archive	<a href="#">FEWS-17626</a>	Old archive files can not be imported.			
App - Configuration Manager Gui	<a href="#">FEWS-10800</a>	2 Export knoppen in Config manager werken niet hetzelfde			
App - Configuration Manager Gui	<a href="#">FEWS-18284</a>	FEWS-18245 File Comparison Dialog of Config Manager does not cancel on Esc button			
App - Configuration Manager Gui	<a href="#">FEWS-18562</a>	FEWS-17521 NFFS: Config Manager, Filename caseing inconsistent melding klopt niet altijd			
App - Configuration Manager Gui	<a href="#">FEWS-18519</a>	FEWS-17521 NFFS: Config Manager Commit geeft allemaal failed meldingen			
App - Configuration Manager Gui	<a href="#">FEWS-18529</a>	FEWS-17521 NFFS: ERROR Two default config files found with the same name			
App - Configuration Manager Gui	<a href="#">FEWS-18528</a>	FEWS-17521 NFFS: Config Manager werkt niet logisch en mist functionaliteit			
App - Configuration Manager Gui	<a href="#">FEWS-18614</a>	FEWS-17521 CM menu should be corrected			
App - Configuration Manager Gui	<a href="#">FEWS-18021</a>	ArrayIndexOutOfBoundsException when starting CM without command line arguments			
App - Configuration Manager Gui	<a href="#">FEWS-18613</a>	FEWS-17521 Save all button (which replaces old Upload button) should be better on the right of the toolbar at the location of the old Upload button, so directly right from the validate button			
App - Configuration Manager Gui	<a href="#">FEWS-18554</a>	FEWS-17521 Config manager creates config revision that includes action configurations			
App - Configuration Manager Gui	<a href="#">FEWS-18566</a>	FEWS-17521 NFFS: Configuration Manager maakt een zootje van je config met dubbele bestanden			

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App - Data Conversion Module	<a href="#">FEWS-18075</a>	FEWS-17521 DCM: Error running activity RollingBarrel			
App - Data Conversion Module	<a href="#">FEWS-18074</a>	FEWS-17521 DCM: missing jar files in DCM bin			
App - Delft-FEWS	<a href="#">FEWS-17985</a>	FEWS-11611 Land-OOE: charts in filters / MapDisplay are no longer shown in 2017.01			
App - Delft-FEWS	<a href="#">FEWS-18517</a>	FEWS-17521 Forecaster Nodes: cannot delete forecaster notes			
App - Delft-FEWS	<a href="#">FEWS-17835</a>	FEWS-17521 ForecasterNotesDisplay not working			
App - Delft-FEWS, App - Operator Client Gui (Explorer)	<a href="#">FEWS-18338</a>	FEWS-17521 F12-I acknowledge all does not update to green ball in SA			
App - Delft-FEWS	<a href="#">FEWS-18514</a>	FEWS-17521 Forecaster Nodes: clicking on acknowledge button results in pop-up that does not go away			
App - Delft-FEWS	<a href="#">FEWS-18610</a>	FEWS-17521 Connection closed suddenly when logged in for some time with DDA client			
App - Delft-FEWS	<a href="#">FEWS-18624</a>	FEWS-17521 Strange error messages in client: TimeSeriesBlobsImpl.Error			
App - Forecasting Shell Server, System	<a href="#">FEWS-17474</a>	FEWS-9556 RWsOS: M170716087 - mcproxy.sh script gaat niet goed om met een stale-pid files			
App - Forecasting Shell Server	<a href="#">FEWS-18137</a>	ForecastingShellTaskRunner.run - ERROR: null value in column "taskrunstatus" violates not-null constraint (ForecastingShells table)			
App - Forecasting Shell Server, Configuration	<a href="#">FEWS-18620</a>	Connection leaked when rating curve xml is invalid			
App - Master Controller Server	<a href="#">FEWS-18143</a>	FEWS-16767 LogEntries table should have an index on localModificationTime			
App - Master Controller Server	<a href="#">FEWS-18090</a>	FEWS-16767 Master controller should log validation exceptions			
App - Master Controller Server, System - Logging	<a href="#">FEWS-18166</a>	FEWS-17521 Log Collector service does not contain mastercontroller.log			
App - Operator Client Gui (Explorer), Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-17787</a>	FEWS-17521 IFD - enableSelectNodesFromMap is unresponsive			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18520</a>	FEWS-17521 NFFS: Scherm Run Options die vanuit Topology geopend kan worden is te groot			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18530</a>	FEWS-17521 NFFS: In Topology zie je op een OC niet meer of ene taak draait			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18328</a>	Location list in filter is not updated after changing the predefined stored location selections			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17820</a>	FEWS-17521 Filter context menu selected option not highlighted			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17969</a>	FEWS-16910 FOEN_OC: Locatie tooltip herkent geen \n meer			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18278</a>	FEWS-17521 LastValueVisible does not work (probably due to new button, see link)			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18279</a>	FEWS-17521 Explorer task Accelerator does not work when task not in Extra menu			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17776</a>	Checkbox selection not properly initiated			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17792</a>	stacktrace when adding classified esrshapefile pointlayer			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17733</a>	Selectie hoofdfilter gaat niet goed: dan worden alle locaties getoond ipv som van onderliggende nodes			

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App - Operator Client Gui (Explorer)	<a href="#">FEWS-16979</a>	FEWS-18245 Layout of "change task" dialog not correct			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18388</a>	FEWS-17521 incorrect toolbar icon height if threshold toolbar icon, not consistent with other icons			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18248</a>	FEWS-18245 Esc on the system time dialog does not cancel			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18542</a>	Module Run Tables - Hot Key Issue			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18178</a>	FEWS-10616 TVA: Error running node while booting up DDA client			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17896</a>	FEWS-16132 HERMES: Tabs undock/close when user selects right side of tab			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18459</a>	NFFS: MC status in OC status bar is always in failover			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18381</a>	FEWS-17521 NFFS: Deactivating of permissions is not possible anymore from FEWS Explorer Options Menu			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18645</a>	FEWS-17521 NFFS: Kill a running or Pending task from OC does not work			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18016</a>	FEWS-17521 Explorer - toolbarTask "false" is ignored			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17819</a>	FEWS-17521 panelSized element in explorer.xml is ignored			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18394</a>	FEWS-17521 NFFS: System time can not be updated manually when new date is entered			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18290</a>	FEWS-17521 NFFS: Tabular config file viewer is not linked for integer location id			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17966</a>	Lat/Lon is displayed as Lon/Lat in bar but Lat/Lon in Grid Display			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18359</a>	FEWS-17521 NFFS: Tabular config file viewer shows empty cells with 0			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17829</a>	FEWS-17521 Errors after deleting localdatastore from F12 menu			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18336</a>	FEWS-17521 ExplorerRollingBarrel.runRollingBarrel - Rolling barrel in temporary not working in the development branch			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18315</a>	Explorer Show selected does not hide children			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18391</a>	FEWS-17521 ERROR - FewExplorerEnvironment.checkGlobalReferences - Program error:Window not disposed javax.swing.JDialog			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-17981</a>	Selection of main filter with groupBy extremely slow			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18193</a>	FEWS-17521 Every time I start the client I get an error on disconnection which was not graceful			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18142</a>	IllegalStateException when closing FEWS			
App - Operator Client Gui (Explorer), Database	<a href="#">FEWS-17698</a>	FEWS-16910 When I open FEWS without a LDS, close it and open it again I get an error message			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18599</a>	FEWS-17521 Component must be showing on the screen to determine its location			
App - Operator Client Gui (Explorer), System	<a href="#">FEWS-18760</a>	FEWS-17521 NWS: FEWS does not start: just hangs and spins			
App - Operator Client Gui (Explorer)	<a href="#">FEWS-18733</a>	FEWS-17521 OC with database: without internet connection the OC hangs on the splash screen			
App - Operator Client Gui (Explorer), System Configuration	<a href="#">FEWS-18762</a>	Closing SA/OC for NERFC takes a long time			
	<a href="#">FEWS-18437</a>	Error parsing module config file			

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Configuration	<a href="#">FEWS-18014</a>	FEWS-16910 TVA: custom ColorScheme not recognized in 2017.01			
Configuration	<a href="#">FEWS-18325</a>	Unclear message on new rootconfigfiles			
Configuration	<a href="#">FEWS-18321</a>	FEWS-9707 HKV: locatieset fout (HDSR)			
Configuration	<a href="#">FEWS-17684</a>	False Config.Error: Do not use multiple value attribute in location constraint attributeExists			
Configuration - ValidationStatus	<a href="#">FEWS-16861</a>	Waternet: verbeter bruikbaarheid Validation status, Tijdstip van validatie	Time of validity mark until cursor fixed when the data editor is closed	When marking all timeSteps with the default validation status using CTRL-Shift-T, some timeSteps were skipped when the data editor was closed. This was caused by the so called thing where some steps were left out if only a graph is displayed. Now when in time of validity mode, no thinning	
Database	<a href="#">FEWS-18516</a>	FEWS-17521 NFFS: runInLoopParallelProcessorCount werkt niet meer. Nullpointer			
Database	<a href="#">FEWS-18741</a>	FEWS-17521 NWS: database connections not closed; datastore errors (task run rows missing) due to What-if Scenario display not saving new scenarios			
Database	<a href="#">FEWS-17320</a>	FEWS-10616 TVA: Errors and long creation times associated with replica.fdb			
Database	<a href="#">FEWS-18582</a>	FEWS-16767 column size of fssId is not consistent			
Database	<a href="#">FEWS-18672</a>	FEWS-17521 DatabaseInitializationTool fails when not all defaultconfigfile constraints are dropped			
Database	<a href="#">FEWS-18675</a>	FEWS-17521 Sequence cache yields old value			
Database	<a href="#">FEWS-18185</a>	FEWS-17521 DB init tool error			
Database	<a href="#">FEWS-18541</a>	FEWS-16767 Create new config revision in database initialization tool			
Database	<a href="#">FEWS-17805</a>	FEWS-16767 Improve RollingBarrel for 2017.02	The Delft-FEWS 2017.02 RollingBarrel has been totally renewed.	The Delft-FEWS 2017.02 RollingBarrel has been renewed and uses improvements in the database structure and a new algorithm. See <a href="https://publicwiki.deltares.nl/display/FEWS2020/2017.02+software+release+notes">https://publicwiki.deltares.nl/display/FEWS2020/2017.02+software+release+notes</a>	
Database	<a href="#">FEWS-18474</a>	FEWS-17521 Problem with Rolling Barrel			
Database	<a href="#">FEWS-18638</a>	FEWS-17521 postgres migration errors enabledInEnsembleRun not nullable and attributeModifierId now integer		< 2018-04-19 10:07:23.828 CEST > ERROR: null value in column "enabledinensamplerun" violates not-null constraint < 2018-04-19 10:24:54.303 CEST > ERROR: column "attributemodifierid" is of type integer but expression is of type character varying at character 239	
Database	<a href="#">FEWS-17471</a>	FEWS-14863 Oracle jdbc connection problems and loss of connections due to blocking default random generator in ire			
Database	<a href="#">FEWS-18020</a>	Last value always extrapolated for interpolationType block in nonEquidistant to equidistant transformation			
Database	<a href="#">FEWS-18498</a>	FEWS-17521 NFFS: Nullpointer DefaultInputDataInjector.injectData - Error while trying to inject input variable(s) in function.			

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Database	<a href="#">FEWS-18499</a>	FEWS-17521 NFFS: Log messages are only partly stored in the database			
Database	<a href="#">FEWS-18442</a>	FEWS-16767 Error when trying to create new task on SQL Server			
Database	<a href="#">FEWS-18605</a>	FEWS-17521 LogEntries table pollution by related locations			
Database, Plugin - Gui - Time Series	<a href="#">FEWS-17475</a>	FEWS-12245 BPA: Cannot display 90 year time series			
Database	<a href="#">FEWS-18194</a>	FEWS-17521 At first startup I get an error message on a duplicated row			
Database	<a href="#">FEWS-18476</a>	FEWS-16767 Rolling Barrel error			
Database	<a href="#">FEWS-18440</a>	FEWS-16767 Delete Local Datastore does not work with OC synch			
Database	<a href="#">FEWS-18291</a>	FEWS-19536 Waternet: error writing tasks to database Data truncating			
Database	<a href="#">FEWS-18070</a>	FEWS-17521 Problem with conversion of 2016.02 database			
Database	<a href="#">FEWS-17817</a>	FEWS-17521 Cannot reuse 2016.02 localdatastore			
Database	<a href="#">FEWS-17244</a>	FOEN_SA: Export van locationsets naar CSV geeft frozen error			
Database	<a href="#">FEWS-18502</a>	FEWS-17521 NFFS: Error when running GA (AbstractMethodError at net.sourceforge.itds.jdbc.BlobImpl.free)			
Database	<a href="#">FEWS-18434</a>	FEWS-17521 Empty table LastDatabaseConnection detected, skipping check for graceful disconnect			
Database	<a href="#">FEWS-18670</a>	FEWS-17521 Deleting localDataStore using F12 : java.sql.BatchUpdateException			
Database, Plugin - Module - Modifiers (TimeSeries)	<a href="#">FEWS-18611</a>	FEWS-17521 previousModifier wrong type.		<p>&lt; 2018-04-19 09:51:49.373 CEST &gt; ERROR: column "previousmodifierid" is of type integer but expression is of type character varying at character 425</p> <p>&lt; 2018-04-19 09:51:49.373 CEST &gt; HINT: You will need to rewrite or cast the expression.</p> <p>&lt; 2018-04-19 09:51:49.373 CEST &gt; STATEMENT: INSERT INTO Modifiers(name, description, modType, priority, userId, enabled, enabledPeriodStartTime, enabledPeriodEndTime, validTime, visible, synchLevel, expiryTime, taskRunId, modifierId, whatIfId, userCreationTime, userModificationTime, creatorUserId, previousTaskRunId, previousModifierId, creationTime, modificationTime, localModificationTime) VALUES (\$1,\$2,\$3,\$4,\$5,\$6,\$7,\$8,\$9,\$10,\$11,\$12,\$13,\$14,\$15,\$16,\$17,\$18,\$19,\$20,\$21,\$22,\$23)</p> <p>&lt; 2018-04-19 09:51:53.369 CEST &gt; ERROR: column "previousmodifierid" is of type integer but expression is of type character varying at character 425</p> <p>&lt; 2018-04-19 09:51:53.369 CEST &gt; HINT: You will need to rewrite or cast the expression.</p> <p>&lt; 2018-04-19 09:51:53.369 CEST &gt; STATEMENT: INSERT INTO Modifiers(name, description, modType, priority, userId, enabled, enabledPeriodStartTime,</p>	
Database	<a href="#">FEWS-18390</a>	FEWS-17521 Errors on updating ldb			

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Database	<a href="#">FEWS-18408</a>	FEWS-16767 Unique constraint violation "pk_timeseries"			
Database	<a href="#">FEWS-18671</a>	FEWS-17521 NFFS: blob.getMergedBlob(lock) != null unsaved			
Database, System - Synchronisation	<a href="#">FEWS-18254</a>	FEWS-10616 TVA: Can not find synchLevel in SELECT taskRunId, modifierId, localAvailableTime FROM ModuleParameterModifier			
Database	<a href="#">FEWS-18263</a>	TimeSeriesTable.cache - Value for key already exists_error			
Database	<a href="#">FEWS-18693</a>	FEWS-16767 Make sure vacuum can proceed			
Database, System	<a href="#">FEWS-18700</a>	FEWS-17521 Only one connection allowed per thread, first close the open connection. when too many connection on database server			
Database	<a href="#">FEWS-18555</a>	FEWS-17521 TVA: database conversion takes a long time (~30 minutes)			
Database	<a href="#">FEWS-18175</a>	FEWS-17521 AI: Handle a non converted database	The admin interface will display an error if the database initialization tool wasn't run	The admin interface will display an error if the database initialization tool wasn't run	
Debug Tool - Database Viewer	<a href="#">FEWS-17592</a>	Java error screen asking to close FEWS after removing filter in database viewer			
Debug Tool - Workflow Navigator	<a href="#">FEWS-18748</a>	FEWS-17521 NWS: F12-K illegal argument Null not allowed for 2nd check			
Module Adapter - All	<a href="#">FEWS-18097</a>	Common model adapter not working for Muskingum model			
Module Adapter - Calibration, Plugin - Module - Modifiers (ModuleParameters)	<a href="#">FEWS-18604</a>	FEWS-17521 NWS: extend UNITHG modifier for CHPS calibration compatibility with parameter export to CSV			
Module Adapter - Calibration, Plugin - Gui - Tabular Config Files Display	<a href="#">FEWS-18640</a>	FEWS-17521 NWS: calibration mod throws NumberFormatException.forInputString:65 when shown in Tabular ConfigFiles Display	Tabular Config File Display more robust for changed location attributes	If location attributes were changed from integer into doubles, an error occurred. The display is now more robust in handling changed value types. Fix is available with patch #74976	
Module Adapter - Delft3D	<a href="#">FEWS-18124</a>	Class not found nl.wdelft.fews.adapter.delft3d.ModuleAdapter			
Module Adapter - Delft3D	<a href="#">FEWS-17186</a>	FEWS-17145 General description of 3D data handling and link with DFLOW FM 3D			
Module Adapter - HEC	<a href="#">FEWS-17842</a>	FEWS-16910 HEC-RAS version 5.0 adapter conflict with ihdf5.dll			
Module Adapter - HEC	<a href="#">FEWS-18084</a>	HEC-HMS adapter does not work with version 3.5			
Module Adapter - SOBEK, Plugin - Module - WorkflowLooprunner	<a href="#">FEWS-17064</a>	JMPREX running climate scenarios - FEWS ModelAdapter does not define the right run period (table length in SOBEK) after valuetrigger has been defined in workflowlooprunner			
Plugin - Gui - Archive Display	<a href="#">FEWS-18335</a>	ERROR - ImportArchive\$1.visitFile - The import of the data related to metadata file :D:\FEWS201702\Sava\ArchiveDownload\Observed\2018\02\Sava\19\observed\metaData.xml failed!java.lang.NullPointerException			
Plugin - Gui - Forecast Manager	<a href="#">FEWS-18202</a>	FEWS-17521 Null pointer error when opening the forecast management display			
Plugin - Gui - Forecast Manager	<a href="#">FEWS-18557</a>	FEWS-17521 HyFS: Forecast Manager geeft fouten als er geen archive verbinding is			
Plugin - Gui - Forecast Manager, Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18524</a>	FEWS-17521 NWS: child node local runs are not removed upon parent node server run completion			

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Plugin - Gui - Forecast Manager	<a href="#">FEWS-18586</a>	FEWS-17521 HyFS: Archive connection moet voor alle displays zelfde resultaat geven	Connection to outdated Archive	When Fewes is connected to Archive version 2017.01 or lower, then the background color of the Archive field in the Explorer status bar is orange and the tool tip notes that the upgrade is needed to use the most recent Archive features.	
Plugin - Gui - Forecast Manager	<a href="#">FEWS-17943</a>	FEWS-16910 FOEN: Total run time and dispatch time in forecast mamanger shows only the last section of a parallel run			
Plugin - Gui - Grid Display	<a href="#">FEWS-17977</a>	FEWS-16910 HyFS-3649: Values not showing in Tooltip of spatial display			
Plugin - Gui - Grid Display	<a href="#">FEWS-17955</a>	timeDisplayLabels do not show			
Plugin - Gui - Grid Display	<a href="#">FEWS-18069</a>	FEWS-17521 stacktrace after error in config			
Plugin - Gui - Grid Display	<a href="#">FEWS-17871</a>	FEWS-16910 HyFS-3613: Lines appear around rain gauge observations on spatial display			
Plugin - Gui - Grid Display	<a href="#">FEWS-18072</a>	esrshapefile backgroundmap icons appear in legend after making layer visible			
Plugin - Gui - Grid Display	<a href="#">FEWS-18099</a>	null pointer error when selecting wind layer in spatial display (temp and precipitation work fine)			
Plugin - Gui - Grid Display	<a href="#">FEWS-17559</a>	esriShapeLayer outline not updated using TimeDependent functionality			
Plugin - Gui - Grid Display	<a href="#">FEWS-17731</a>	FEWS-16910 TVA: Spatial Display color class breaks not working properly			
Plugin - Gui - Grid Display	<a href="#">FEWS-18583</a>	FEWS-17145 "Play" button does not work when display onlyContourLines in GridDisplay			
Plugin - Gui - Grid Display	<a href="#">FEWS-18674</a>	FEWS-17521 Spatial Display right click menu ArrayIndexOutOfBoundsException			
Plugin - Gui - Grid Display	<a href="#">FEWS-18685</a>	FEWS-17521 Spatial Display - rescale classification does not work			
Plugin - Gui - Grid Display	<a href="#">FEWS-18677</a>	FEWS-17521 Spatial Display - manual adjustment legend colour not saved in user_settings.ini file			
Plugin - Gui - Grid Display	<a href="#">FEWS-18703</a>	FEWS-17521 Spatial Display - toggle button thumbnails is not correctly saved in user_settings.ini file			
Plugin - Gui - Grid Display	<a href="#">FEWS-18271</a>	Null pointer program error at nl.wdelft.fews.gui.plugin.grid.SpatialThumbnailsPanel.updateThumbnailSelection			
Plugin - Gui - Grid Display	<a href="#">FEWS-18125</a>	CMEMS import shows grid inverse on spatial display/database viewer			
Plugin - Gui - Grid Display	<a href="#">FEWS-18392</a>	FEWS-17521 new aggregation options in spatial display sometimes hangs or gives slider aggregation to 0 milliseconds			
Plugin - Gui - Grid Display	<a href="#">FEWS-18646</a>	2017.01.01 Error when rescaling spatial display from databaseviewer			
Plugin - Gui - Grid Display	<a href="#">FEWS-18471</a>	FEWS-17145 SWAN grid export to NetCDF, flipped grid			
Plugin - Gui - Grid Display	<a href="#">FEWS-18758</a>	FEWS-17521 NWS: FB47 Spatial Display thumbnails overlapping gridded timeseries			
Plugin - Gui - Grid Display	<a href="#">FEWS-17843</a>	FEWS-17521 LastValue Checkbox functionality does not work in DataLayer			
Plugin - Gui - Grid Display	<a href="#">FEWS-17381</a>	FEWS-16910 SpatialDisplay: hard exception when selecting dataset			
Plugin - Gui - Grid Display	<a href="#">FEWS-17382</a>	FEWS-16910 SpatialDisplay: tijd springt naar begintijdstip als je andere dataset kiest			
Plugin - Gui - Grid Display	<a href="#">FEWS-18686</a>	FEWS-17521 Spatial Display - cannot copy time series			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Grid Display	<a href="#">FEWS-17748</a>	GridDisplay - unit is not visible in bar legend if classBreaksId is used			
Plugin - Gui - Grid Display	<a href="#">FEWS-18400</a>	FEWS-17521 NFFS: Spatial display status is not updated when System Time is changed			
Plugin - Gui - Grid Display	<a href="#">FEWS-17617</a>	spatial display: Not possible to specify data layer when wms layer is specified			
Plugin - Gui - Grid Display	<a href="#">FEWS-18738</a>	grid config. Double.NaN not allowed for 3rd check version			
Plugin - Gui - Grid Display	<a href="#">FEWS-18706</a>	FEWS-17521 Spatial Display - INFO - Invalid point selected in spatial display - keeps popping up			
Plugin - GUI - IFD - Dataviewer	<a href="#">FEWS-17611</a>	Qualifier tree: default Filter setting is 'Ergens beschikbaar' instead of 'No Filter'			
Plugin - GUI - IFD - Dataviewer	<a href="#">FEWS-17161</a>	1d spectral display: ErrorDisplayer.lambda\$static\$1 - Illegal method call getValue(int index) only supported for scalar			
Plugin - GUI - IFD - Forecaster Help	<a href="#">FEWS-17268</a>	forecasterNotesNotification : when any manual message with level WARN or higher has been pop upped, then the manual messages with lower level are not pop upped anymore			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18339</a>	FEWS-17521 Incorrect forecast length in IFD status icon upon initial run			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18203</a>	FEWS-17521 no status icons in IFD			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-17786</a>	FEWS-17521 IFD - warm state selection, check on minimum period			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-17656</a>	FEWS-16663 Québec: modifier in parent node remains uncommitted after server run			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-17432</a>	Configured state selection is ignore in the IFD			
Plugin - GUI - IFD - Forecasts, Plugin - Gui - Time Series Modifier	<a href="#">FEWS-18637</a>	FEWS-17521 NWS: Can not find enabledInEnsembleRun in UPDATE Modifiers			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18722</a>	FEWS-17521 NWS: Forecast Group runs locally but not on the server and local run icons not correct			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18462</a>	FEWS-17521 HERMES: FB-None: Run status icons do not appear in 2017.02			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18767</a>	FEWS-17521 NWS: Topology panel not linked to threshold crossings			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18765</a>	FEWS-17521 NWS: FB60 Topology tab shows upstream forecast groups			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18029</a>	FEWS-10616 TVA: ConcurrentModificationException			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-17574</a>	Get Null pointer if topology group do not match			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18536</a>	FEWS-16132 HERMES: 2016.02 fews crashes when promoting ST run to server in Live system			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18719</a>	FEWS-17521 HERMES: Promote a local run to server/approve IFD not allowed for 3rd check			
Plugin - GUI - IFD - Forecasts, Plugin - Gui - Time Series	<a href="#">FEWS-18580</a>	FEWS-17521 NWS: inordinate number of background thread pop-ups			
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-18546</a>	FEWS-17521 NWS: BooleanArrayUtils error when selecting first segment			
Plugin - Gui - Longitudinal Profiles, Plugin - Gui - Time Series	<a href="#">FEWS-18780</a>	FEWS-17521 TVA: FB67 Null pointers with profile plots (Windows 10)			
Plugin - Gui - Longitudinal Profiles	<a href="#">FEWS-17275</a>	FEWS-16910 Import Errors Chainage location sets			

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Manual Forecast	<a href="#">FEWS-18457</a>	FEWS-17521 NFFS: OC can not start manual tasks from Manual Forecast Display			
Plugin - Gui - Manual Forecast	<a href="#">FEWS-18652</a>	FEWS-17521 HERMES: DEBUG model always sticks after run in the manual forecast			
Plugin - Gui - Map	<a href="#">FEWS-18303</a>	Sava. FEWS hangs on startup when loading the Geo Tools library from multiple threads			
Plugin - GUI - Sample Viewer	<a href="#">FEWS-17241</a>	FEWS-16910 Imported sample data does not show X-axis (datetime) in graph when only 1 sample data selected			
Plugin - GUI - Sample Viewer	<a href="#">FEWS-17651</a>	Samples in Table not editable for Filter with editPermission = true			
Plugin - GUI - Sample Viewer	<a href="#">FEWS-17642</a>	Sample Viewer: show timeseries/spatial grid gives nullpointer			
Plugin - Gui - ScenarioEditor (NGMS)	<a href="#">FEWS-17314</a>	FEWS-9554 NGMS (INCO00001532930) Switch of signs (- +) when running scenarios			
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-18232</a>	Schematic Status Display does not show data when forecast is already open			
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-18305</a>	FEWS-17521 SSD: display values do not update with slider progress			
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-18653</a>	FEWS-17521 NWS: SSD ERROR - Exception while trying to update ScadaPanel with id 'layer1'.null			
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-18215</a>	FEWS-17521 Timeslider has some serious issues			
Plugin - Gui - System Monitor	<a href="#">FEWS-18113</a>	System Monitor tab caption "Log meldingen" should be "Loameldingen" without space			
Plugin - Gui - System Monitor	<a href="#">FEWS-18458</a>	FEWS-17521 NFFS: System Monitor tabs do not show any data			
Plugin - Gui - System Monitor	<a href="#">FEWS-18341</a>	FEWS-16767 Login Dialog empty besides ok and cancel			
Plugin - Gui - System Monitor	<a href="#">FEWS-18410</a>	FEWS-17521 No datafeed id created on importstatus tab when it does not exist already			
Plugin - Gui - System Monitor	<a href="#">FEWS-18334</a>	FEWS-17521 System Monitor: Illegal argument Identifier not found passed at nl.wdelft.fews.gui.plugin.systemmonitor.BulletinBoardPanel.tableSortLayout:788			
Plugin - Gui - System Monitor	<a href="#">FEWS-16980</a>	System Monitor Live System status background color should not be green but same as other green colors			
Plugin - Gui - System Monitor	<a href="#">FEWS-18608</a>	FEWS-17521 Some layout issues and totally not clear what the Synchronisation Status tab of the System Monitor is telling us			
Plugin - Gui - TaskRunDialog	<a href="#">FEWS-18195</a>	FEWS-17521 illegal argument NONE not allowed for 1st check passed at nl.wdelft.fews.gui.plugin.taskRunDialog.tasks.OperatorTaskGui.createScenario:152			
Plugin - Gui - Threshold Display	<a href="#">FEWS-18553</a>	FEWS-17521 TVA: System-Wide Thresholds Display: null pointer when filtering on Event Time and Event Value			
Plugin - Gui - Time Series	<a href="#">FEWS-17348</a>	FEWS-9861 NWS: #35833 Search and Select Forecasts - Persist Selection bugs			
Plugin - Gui - Time Series	<a href="#">FEWS-18045</a>	Font size of text in PDF export from TSD is too large			
Plugin - Gui - Time Series	<a href="#">FEWS-18337</a>	FEWS-17521 ERROR - TimeSeriesDialog.loadTimeSeries NullPointerException			
Plugin - Gui - Time Series	<a href="#">FEWS-17791</a>	FEWS-16910 TVA: Display Time icon bug after selecting "Show Today" option			

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Time Series	<a href="#">FEWS-17467</a>	FEWS-16132 axis markers in the TSD when clicking a point in the graph don't work well	No more ticks from time step selection in graph	If no timeserie was selected, no more ticks from time step selection in the graph were shown. The behaviour is now similar to the Stable 2016.02 branch.  If a timeseries was selected, no ticks were shown when clicking a point in a different subplot. The ticks are now always updated. If a timeseries was selected, no other timeseries could be selected by clicking the plotted line of the series, this has been fixed as well.	
Plugin - Gui - Time Series	<a href="#">FEWS-17415</a>	New buttons in Timeseriesdisplay can not be hidden in TimeSeriesDisplayConfig			
Plugin - Gui - Time Series	<a href="#">FEWS-18544</a>	FEWS-10616 TVA: Illegal argument for 3rd check for time series (related to daylight savings time)			
Plugin - Gui - Time Series	<a href="#">FEWS-18497</a>	FEWS-17521 NFFS: Series in Time Series display disappear sometimes			
Plugin - Gui - Time Series	<a href="#">FEWS-18443</a>	FEWS-10616 TVA: incorrect unreliable flag when marking future cell as reliable			
Plugin - Gui - Time Series	<a href="#">FEWS-18607</a>	FEWS-10616 TVA: 24h table data edits spanning daylight savings time shift			
Plugin - Gui - Time Series	<a href="#">FEWS-18317</a>	Sava. ArrayIndexOutOfBoundsException			
Plugin - Gui - Time Series	<a href="#">FEWS-18323</a>	Calendar Aggregation slider missing			
Plugin - Gui - Time Series	<a href="#">FEWS-17443</a>	FEWS-16132 FB 108 issue colorscheme where results are displayed in a text color that matches the cell background color			
Plugin - Gui - Time Series	<a href="#">FEWS-17952</a>	Error (FATAL) not properly handled in "apply expression"			
Plugin - Gui - Time Series	<a href="#">FEWS-17219</a>	FEWS-16910 ErrorMessage in related graph			
Plugin - Gui - Time Series	<a href="#">FEWS-17220</a>	FEWS-16910 Nullpointer Longterm scroller			
Plugin - Gui - Time Series	<a href="#">FEWS-18496</a>	FEWS-17521 NFFS: NullPointer wanneer spatial display een cel is geselecteerd met in time series display de tabel open			
Plugin - Gui - Time Series	<a href="#">FEWS-17336</a>	Investigate why seamless integration creates DOUBTFUL MISSING and whether that is correct			
Plugin - Gui - Time Series	<a href="#">FEWS-17151</a>	FEWS-16910 Stacktrace on selecting multiple time series from legend			
Plugin - Gui - Time Series	<a href="#">FEWS-17324</a>	FEWS-16132 Custom colors error in 1701			
Plugin - Gui - Time Series	<a href="#">FEWS-18731</a>	FEWS-17521 BPA: Data Editor does not respond to Filters selection			
Plugin - Gui - Time Series	<a href="#">FEWS-17870</a>	FEWS-9707 HKV, HDSR: interactie tussen document viewer en grafiek is kapot			
Plugin - Gui - Time Series	<a href="#">FEWS-18739</a>	Graph disappears when another line is visible, appears when the other line is made invisible			
Plugin - Gui - Time Series	<a href="#">FEWS-18296</a>	threshold background not aligned with threshold line			
Plugin - Gui - Time Series	<a href="#">FEWS-17816</a>	Threshold background color not shown for empty non-equidistant timeseries			
Plugin - Gui - Time Series	<a href="#">FEWS-17525</a>	Threshold background color functionality is not working properly			
Plugin - Gui - Time Series	<a href="#">FEWS-17495</a>	TickTimeStep 'week' not supported in displaygroups			
Plugin - Gui - Time Series	<a href="#">FEWS-17496</a>	Threshold Background color does not work properly			
Plugin - Gui - Time Series	<a href="#">FEWS-17925</a>	Null pointer Error when displaying Category plots & missing labels on Y-axis while resizing			

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Gui - Time Series	<a href="#">FEWS-17194</a>	FEWS-16132 HERMES: control the order in which Columns appear in the table			
Plugin - Gui - Time Series	<a href="#">FEWS-18579</a>	FEWS-17521 NWS: Null Pointer for TimeSeriesBlobs			
Plugin - Gui - Time Series	<a href="#">FEWS-18221</a>	.IllegalArgumentException: endTime can not be before startTime			
Plugin - Gui - Time Series	<a href="#">FEWS-18044</a>	addForecastConfidenceTimes locks TSD			
Plugin - Gui - Time Series	<a href="#">FEWS-18561</a>	Season in display groups is not using the default time zone			
Plugin - Gui - Time Series	<a href="#">FEWS-17427</a>	Changing Font and icon size does not affect TSD fonts	Allow configuring the thresholdLabel font size in the time series dialog	It's now possible to configure the thresholdLabel font size in the time series dialog. This can be done by specifying the thresholdLabelFontSize in the TimeSeriesDisplayConfig.xml	(code) <generalDisplayConfig> <thresholdLabelFontSize>16</thresholdLabelFontSize> <onlyShowThresholdsSharedByAllSeries>true</onlyShowThresholdsSharedByAllSeries> </generalDisplayConfig>
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-18535</a>	FEWS-17521 HERMES: FB na: Modifier Import and Export Error			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-18641</a>	FEWS-17521 NWS: uncommitted modifiers popup message seems to always appear			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-18753</a>	FEWS-17521 NWS: Error when trying to load data for the modifiers panel			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-17710</a>	FEWS-16132 HERMES: Default selection for Import Modifiers window			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-17602</a>	FEWS-16132 HERMES: Limit Modifiers disappearing			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-18763</a>	FEWS-17521 NWS: FB59 mod display blank when first opening existing RRICHNG/TSCHNG/IGNORETS mods			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-18777</a>	FEWS-17521 Nullpointer (Oracle stress test): Modifiers in client-server system			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-18204</a>	FEWS-17521 buttons in modifier display have text only			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-17005</a>	Modifier Buttons do not fit into Display			
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-18742</a>	FEWS-17521 HERMES: Modifier Import Error violation of PRIMARY or UNIQUE KEY			
Plugin - GUI - Verification Analysis Display	<a href="#">FEWS-17951</a>	FEWS-16910 HyFS-3622: Status of flood periods is not saved	FloodPeriod Status was written to datastore but not read correctly from datastore.	FloodPeriod Status was written to datastore but not read correctly from datastore.	
Plugin - Gui - Web Browser Display	<a href="#">FEWS-17206</a>	FEWS-16910 Nullpointer at startup (Could not initialize class javax.swing.web.WebEngine)	WebBrowserDisplay shouldn't be preinitialized	The WebBrowserDisplay is a Java FX component, which shouldn't be preinitialized. For existing configurations, the temp directory in the region home should be removed (or only the startup.cls file),	
Plugin - Gui - Web Browser Display	<a href="#">FEWS-17858</a>	WebBrowserDisplay does not work when truststore is configured	WebBrowserDisplay can now handle configured truststore	WebBrowserDisplay didn't work correctly if a truststore was configured. Only the root certificates in the truststore were accepted. This resulted in not displaying https websites that are in the default JDK truststore.	
Plugin - Module - Amalgamate	<a href="#">FEWS-17722</a>	error messages when amalgamating data for the archive			
Plugin - Module - Amalgamate	<a href="#">FEWS-17970</a>	Amalgamate with option merge=true fails			
Plugin - Module - Amalgamate	<a href="#">FEWS-17250</a>	FEWS-16910 After applying stable 2017.01 amalgamate uses more disk space than original			
Plugin - Module - Archive	<a href="#">FEWS-18581</a>	FEWS-17521 TVA: archive export takes much longer in 2017.02			
Plugin - Module - Data Export	<a href="#">FEWS-17580</a>	Export historical events fails with null pointer			

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - Data Export	<a href="#">FEWS-17418</a>	Remove unnecessary error message on missing export of parameter			
Plugin - Module - Data Export	<a href="#">FEWS-18031</a>	FEWS-10616 TVA: generalCSV export causes incorrect dates straddling new year			
Plugin - Module - Data Export	<a href="#">FEWS-17947</a>	FEWS-16663 Quebec: Skip entire line in GeneralCsv serializer when only empty columns			
Plugin - Module - Data Export	<a href="#">FEWS-18211</a>	RWSOS NZ: ERROR - TimeSeriesExport.exportData - Exporting of the type NETCDF-CF_GRID_MATROOS failed!			
Plugin - Module - Data Import	<a href="#">FEWS-18295</a>	Incorrect warning during importing data with the seamless integration			
Plugin - Module - Data Import	<a href="#">FEWS-16743</a>	Import matroos_netcdfmapseries: grid is upside down			
Plugin - Module - Data Import	<a href="#">FEWS-17790</a>	IWP: importer for Digitale Delta			
Plugin - Module - Data Import	<a href="#">FEWS-17097</a>	External forecasts from GRIB1 file not mapped to correct valid times			
Plugin - Module - Data Import	<a href="#">FEWS-17452</a>	Unnecessary error message generated when checking the presence of a file in import directory			
Plugin - Module - Data Import	<a href="#">FEWS-18726</a>	violation of FOREIGN KEY constraint "FK_TASKRUNTASK" on table "TASKRUNS"			
Plugin - Module - Data Import	<a href="#">FEWS-17808</a>	FEWS-17521 Error writing import status to database			
Plugin - Module - Data Import	<a href="#">FEWS-17780</a>	Import Module: LmwWeatherdata			
Plugin - Module - Data Import	<a href="#">FEWS-17096</a>	ArrayOutOfBounds on netcdf variable that does not depend on stations			
Plugin - Module - Data Import	<a href="#">FEWS-18157</a>	NetCDF file in FEWS Archive with ensemble grids can not be imported			
Plugin - Module - Data Import	<a href="#">FEWS-18705</a>	Relative Forecast time for external forecast import doesn't seem to work			
Plugin - Module - Data Import	<a href="#">FEWS-18188</a>	FEWS-17145 NetCDF readers unable to read Dust model file			
Plugin - Module - Data Import	<a href="#">FEWS-18073</a>	NetCDF parser cannot parse output file from Sobek3 model			
Plugin - Module - Data Import	<a href="#">FEWS-18058</a>	Matroos import should accept analyse time = 000000000000			
Plugin - Module - Data Import	<a href="#">FEWS-18046</a>	Import NETCDF-GRID OpenDAP: Error openDodsByReflection			
Plugin - Module - Data Import	<a href="#">FEWS-18293</a>	FEWS-17521 Canada Pilot: Import from ftp does not work anymore			
Plugin - Module - Data Import	<a href="#">FEWS-17472</a>	Import NETCDF-CF_GRID from OpenDAP			
Plugin - Module - Data Import	<a href="#">FEWS-17978</a>	FEWS-16910 HyFS-3606: Range forecast with no time window displayed incorrectly	Time Range was incorrectly set for time steps without a range.	Time Range was incorrectly set for time steps without a range if the previously imported timestap was a range.	

Fix is available with patch: #71722

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - Data Import	<a href="#">FEWS-17519</a>	opendap import MODIS data	opendap import with https was failing	opendap imports were failing if redirections from http to https were not working. With the latest Netcdf the http redirecting are no longer required. A direct https url is working fine as well.	<pre>&lt;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"&gt; &lt;import&gt; &lt;general&gt; &lt;importType&gt;NETCDF-CF_GRID&lt;/importType&gt; &lt;serverUrl&gt;http://oceandata.sci.gsfc.nasa.gov:443/opendap/MODISA/L3SMI/%TIME_ZERO(yyyy)%/%TIME_ZERO(D)/A%TIME_ZERO(yyyyD)%L3m_DAY_NSST_sst_4km.nc&lt;/serverUrl&gt; &lt;idMapId&gt;IdImport_MODIS&lt;/idMapId&gt; &lt;unitConversionsId&gt;ImportUnitConversions&lt;/unitConversionsId&gt; &lt;missingValue&gt;9.999E20 &lt;/missingValue&gt; &lt;importTimeZone&gt; &lt;timeZoneName&gt;GMT&lt;/timeZoneName&gt; &lt;/importTimeZone&gt; &lt;dataFeedId&gt;MODIS&lt;/dataFeedId&gt; &lt;expiryTime unit="hour" multiplier="78"/&gt; &lt;/general&gt; &lt;timeSeriesSet&gt; &lt;moduleInstanceld&gt;Import_MODIS&lt;/moduleInstanceld&gt; &lt;valueType&gt;grid&lt;/valueType&gt;</pre>
Plugin - Module - Data Import	<a href="#">FEWS-18148</a>	WaterML2 parser does not correctly apply timezone information	WaterML dates with hourly timezone information now supported.	<p>The waterML response contains dates with timezone information which couldn't be parsed since they only contain the hour information. For example:</p> <p>2018-01-28 14:00:00+01</p> <p>This format is not supported by default. The parser will now add a 00 in case minutes are not available. To make the parser read the timezone information correctly, the responseDateFormat has to be configured with an extra Z. See the config example.</p>	<pre>{code} &lt;string key="responseDateFormat" value="yyyy-MM-dd HH:mm:ssZ"/&gt; {code}</pre>
Plugin - Module - General Adapter	<a href="#">FEWS-17761</a>	IdMapping: Add warning for trailing spaces in error message			
Plugin - Module - General Adapter	<a href="#">FEWS-18309</a>	Restrict deleting binDir when moduleDataSetName is used	Restrict deleting binDir to being subdirectory of region home when moduleDataSetName is used		
Plugin - Module - General Adapter	<a href="#">FEWS-18743</a>	FEWS-17521 NWS: ImportNetcdfActivity failed; java.lang.ArrayIndexOutOfBoundsException: -1			
Plugin - Module - General Adapter	<a href="#">FEWS-18396</a>	FEWS-17521 NFFS: Out of memory when GA imports pi map stack with large number of bil files			

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - General Adapter	<a href="#">FEWS-17442</a>	FEWS fails to kill child processes (Windows)	Windows sub processes were not killed after workflow termination	Windows sub processes were not killed after local run termination with "Terminate local run" (Shift F5). All sub processes are now killed correctly. The fix is available with patch #69310 for 2016.2. Also fixed in 2016.01, 2017.01 and 2017.02.	
Plugin - Module - General Adapter	<a href="#">FEWS-17558</a>	FEWS-17145 Coldstates empty			
Plugin - Module - Modifiers (ModuleParameters)	<a href="#">FEWS-18426</a>	FEWS-17521 Calibration modifier - java.lang.Boolean cannot be cast to java.lang.String			
Plugin - Module - Modifiers (ModuleParameters)	<a href="#">FEWS-17688</a>	FEWS-16132 HERMES: Attribute Modifier does not correctly exported to archive			
Plugin - Module - Modifiers (ModuleParameters)	<a href="#">FEWS-17522</a>	FEWS-17521 modifier exception			
Plugin - Module - Modifiers (ModuleParameters), Plugin - Module - Modifiers (TimeSeries)	<a href="#">FEWS-18534</a>	FEWS-17521 NWS: new shift arrows for UNITHG mod no longer work			
Plugin - Module - Modifiers (TimeSeries)	<a href="#">FEWS-17027</a>	FEWS-9861 NWS: #34176 RRICNG mod fails when editing an existing mod			
Plugin - Module - Modifiers (TimeSeries)	<a href="#">FEWS-18205</a>	FEWS-17521 error 'Row id not generated for SA_1.0' after clicking 'save changes and run'			
Plugin - Module - PcrTransformation	<a href="#">FEWS-18297</a>	FEWS-17521 NFFS: PCRaster error Number of Times (Period/TimeStep) defers in input timeSeries			
Plugin - Module - Performance Indicators	<a href="#">FEWS-18024</a>	java.lang.NullPointerException at nl.wdelft.fews.system.plugin.performanceindicator.LeadTimeAccuracyIndicator.setValuetoOutputTimeSeries(LeadTimeAccuracyIndicator.java:411)			
Plugin - Module - Performance Indicators	<a href="#">FEWS-17773</a>	FEWS-17521 Performance module does not find forecasts in 2017.02			
Plugin - Module - Performance Indicators	<a href="#">FEWS-17769</a>	FEWS-17521 AnalysedForecast from Performance indicators create ensemblememberid which results in error			
Plugin - Module - Reports	<a href="#">FEWS-18112</a>	MaximumStatusTable report does not work with monthly timestep			
Plugin - Module - Reports	<a href="#">FEWS-18389</a>	FEWS-17521 System status report gives error: java.sql.SQLException: GDS Exception. 335544569. Dvnamic SQL Error			
Plugin - Module - Reports	<a href="#">FEWS-17905</a>	FEWS-17145 plotBackgroundReportImage does not work in 2017.01.01			
Plugin - Module - Reports	<a href="#">FEWS-17992</a>	MaximumStatusTable only assess future values	MaximumStatusTable is now suitable for use with historical time series	First version of the MaximumStatusTable was developed with the focus on the status of forecasted time series. It means the table was able to show the status only from T0 onward.  Now this table can show the status in any view period, that is configured with time series 'relativeViewPeriod'	
Plugin - Module - Reports	<a href="#">FEWS-17545</a>	Report config heeft templateDir nodig in declaraties, kan die niet verwijderd worden uit schema	Reports: option 'templateDir' is not in use anymore	Reports option 'templateDir' is not in use anymore and can be removed from the Reports xml files. Report templates can be placed in the config folder ReportTemplateFiles	
Plugin - Module - Reports	<a href="#">FEWS-18775</a>	Reportmodule does not allow multi threading			
Plugin - Module - Statistics	<a href="#">FEWS-17425</a>	FEWS-9861 NWS: #24534 Descriptive stats before/after T0			

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
Plugin - Module - Statistics	<a href="#">FEWS-17343</a>	Interval statistieken – qualifiers niet zichtbaar in tabel			
Plugin - Module - Statistics	<a href="#">FEWS-17344</a>	Interval statistics – weergave “geen waarde” bij o.a. percentages betrouwbaar etc			
Plugin - Module - Statistics	<a href="#">FEWS-17601</a>	Interval Statistics display forgets empty nonequidistant series			
Plugin - Module - Thresholds	<a href="#">FEWS-17585</a>	FEWS-16910 HYFS-3508: Locations with info thresholds do not display correctly with background colours selected			
Plugin - Module - Transformation	<a href="#">FEWS-18737</a>	transformation: accumulation-suminterval not properly working on grids			
Plugin - Module - Transformation	<a href="#">FEWS-16292</a>	statisticsSameAttributeValue gives assertion error when output location has not any matching input locations			
Plugin - Module - Transformation	<a href="#">FEWS-17337</a>	Time series resampling / visibility / hide empty buttons do not work together perfectly			
Plugin - Module - Transformation	<a href="#">FEWS-17593</a>	Using ensemble with statisticsSameAttributeValue does statistics for whole ensemble instead of per member			
Plugin - Module - Transformation	<a href="#">FEWS-17118</a>	transformation option convertDatum does not work when exporting time series to coefficientFileSet			
Plugin - Module - Transformation	<a href="#">FEWS-17949</a>	Transformation: improve debug info with exact time information			
Plugin - Module - Transformation	<a href="#">FEWS-14837</a>	merge - synoptic incorrect			
Plugin - Module - Transformation	<a href="#">FEWS-17213</a>	ArrayIndexOutOfBoundsException with peak selection			
Plugin - Module - Transformation	<a href="#">FEWS-17907</a>	FEWS-9707 HKV: error in <statisticsSerial><countFlags><period>			
Plugin - Module - Transformation	<a href="#">FEWS-18228</a>	independentLows function does not work before 1970			
Plugin - Module - Transformation	<a href="#">FEWS-18527</a>	FEWS-17521 Logging Rating Curve missing Error			
Plugin - Module - Transformation	<a href="#">FEWS-17735</a>	QualifierAggregation should also be applied to time series without any qualifier			
Plugin - Module - Transformation	<a href="#">FEWS-18256</a>	TextUtils.intern DuplicateException			
Plugin - Module - Transformation	<a href="#">FEWS-18623</a>	TimeSeriesBlobsImpl.tryLoad			
System	<a href="#">FEWS-17793</a>	Add more information to stacktrace on broken schema			
System	<a href="#">FEWS-17630</a>	Fix install_service_x64.bat in configurator. Script inside FSS directories, and missing in NT_Service_Install next to fss directories			
System	<a href="#">FEWS-18404</a>	FEWS-16767 Fix build properly due to classes not available in the lib-fews-common module			
System	<a href="#">FEWS-18574</a>	FEWS-17521 Connecting to 2017.02 backend with 2017.01 client gives incorrect message that database is too old			
System	<a href="#">FEWS-18092</a>	FEWS-17521 Error creating database connection. GDS Exception. 335544351. unsuccessful metadata update			
System	<a href="#">FEWS-18319</a>	FEWS is not able to create an localdatastore in case of located in a junction directory			
System	<a href="#">FEWS-18587</a>	FEWS-17521 ModuleRunTableDisplay should update the gui only from the Event Dispatch Thread	forecast list and file list not updated correctly	forecast list and file list were not updated correctly. The EDT of swing has to be used.	
System - Logging	<a href="#">FEWS-18264</a>	FEWS-14334 simplify the logging of the tasks in the archive server			
System - Logging	<a href="#">FEWS-18399</a>	FEWS-17521 NFFS: Forecaster Notes does not work anymore			



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
System - Logging	<a href="#">FEWS-17730</a>	PIDiagnosticsLogAppender.stop(). fails when debug level is on			
System - Logging, System - Synchronisation	<a href="#">FEWS-18699</a>	FEWS-17521 LogEntries synch Errors			
System - Logging	<a href="#">FEWS-18718</a>	FEWS-16767 Improve LogEntriesTableLogAppender to prevent dead locks			
System - Patching Mechanism	<a href="#">FEWS-17307</a>	FEWS-16132 HERMES: FB121 – TFS 57012 - OC is not restarting on first launch after root config file change			
System - PI Service	<a href="#">FEWS-17165</a>	PIWebservice: Return sample data via getTimeSeries call	Possibility to retrieve SAMPLE timeseries through getTimeSeries method call	<p>If the Filters configuration contains timeseriessets with &lt;valueType&gt;sample&lt;/valueType&gt; it is possible to retrieve these timeseries with the getTimeSeries call.</p> <p>For this to take affect the Config/PIClientConfigFiles/FewsPiService.properties file must contain the entry</p> <p>SHOW_SAMPLE_TIMESERIES=true</p>	<pre>(code) ## This file must be placed in the FEWS configuration folder Config/PIClientConfigFiles. # It is referenced by the FewsPiService webservice through the parameter 'clientConfigFileId' in the service context.xml file. # Note that all id references are case sensitive.  # This element defines the root filter id for the webservice (type = string). # If omitted the FewsPiService will try to retrieve the defaultFilterId from the Filters.xml. FILTER_ID=SOBEK  # Identifier of the flag conversion file to use when extracting timeseries from the FewsPiService (type = string). # If omitted no flag conversion takes place # EXPORT_FLAGCONVERSION_ID=My_Export_Flag Conversion  # Identifier of the unit conversion file to use when extracting timeseries from the FewsPiService (type = string). # If omitted no unit conversion takes place # EXPORT_UNITCONVERSION_ID=My_Export_Unit Conversion</pre>
System - PI Service	<a href="#">FEWS-18093</a>	PI XML exports double properties as float properties	PI XML properties exports double properties correctly	PI XML properties exports double properties correctly. Double properties are now correctly exported in the PI Service	
System - PI Service	<a href="#">FEWS-18187</a>	FEWS-15083 PI Rest service should give an error in case duplicate parameters are not allowed	General duplicate parameters in the REST resource will report an error	General duplicate parameters in the REST resource will report an error. If documentFormat, documentVersion, startTime or endTime is passed more than once, an error will be reported	
System - Session	<a href="#">FEWS-18407</a>	FEWS-16767 Remove insert of SystemActivity when not creating Session			

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
System - Synchronisation	<a href="#">FEWS-18662</a>	FEWS-17521 fk-problem taskrun synchronization, systemactivity missed.		No records were missed, but the error was logged, unexpectedly. {code} [2018-04-24 00:50:00,976] ERROR - UpsertExecutor.commitResultSetOneByOne - Problem during copying data from table TaskRuns, ORA-02291: integrity constraint (FEWSDEV00.FK_TASKRUNS) violated - parent key not found :INSERT INTO TaskRuns (taskrunid,taskid,taskdispatchmcid,taskdispatchfssid,taskdispatchtime,scheduleddispatchtime,taskrunstatus,expirytime,modificationtime,localmodificationtime,taskruncompletiontime,terminate requested,creationtime,globalrowid) VALUES ([aubohytmc01:000289065], [aubohytmc01:0262411], [aubohytmc01], [FSS00], [Tue Apr 24 00:50:00 GMT 2018], [Tue Apr 24 00:50:00 GMT 2018], [P], [Fri May 04 00:50:00 GMT 2018], [Tue Apr 24 00:50:00 GMT 2018], [Tue Apr 24 00:50:00 GMT 2018], [Tue Apr 24 00:50:00 GMT 2018], [NULL], [0], [Tue Apr 24 00:50:00 GMT 2018], [4562900]) nl.wldelft.sql.SQLForeignKeyConstraintViolation Exception: ORA-02291: integrity constraint (FEWSDEV00.FK_TASKRUNS) violated - parent key not found :INSERT INTO TaskRuns (taskrunid,taskid,taskdispatchmcid,taskdispatchfssid,taskdispatchtime,scheduleddispatchtime,taskrunstatus,expirytime,modificationtime,localmodificationtime,taskruncompletiontime,terminate requested,creationtime,globalrowid) VALUES ([aubohytmc01:000289065], [aubohytmc01:0262411], [aubohytmc01], [FSS00], [Tue Apr 24 00:50:00 GMT 2018], [Tue Apr 24 00:50:00 GMT 2018], [P], [Fri May 04 00:50:00 GMT 2018], [Tue Apr 24 00:50:00 GMT 2018], [Tue Apr 24 00:50:00 GMT 2018], [NULL], [0], [Tue Apr 24 00:50:00 GMT 2018], [4562900])	
System - Workflow	<a href="#">FEWS-18129</a>	FEWS-17521 Nullpointer in workflow testsystem HyFS 2017.02			
System - Workflow	<a href="#">FEWS-17653</a>	FEWS-9766 N&S: Error meldingen bij starten taken			
System - Workflow	<a href="#">FEWS-18068</a>	FEWS-17521 Illegal argument for 1st check passed			
System - Workflow	<a href="#">FEWS-18427</a>	FOEN: Improve error message when workflow is defined recursively)			
System - Workflow	<a href="#">FEWS-17227</a>	HyFS_SA: Nullpointer when running workflow on SA			
Utility - Configurator	<a href="#">FEWS-18589</a>	FEWS-16767 Add clientConfig.xml in configurator for database initialization tool with all MC's	Configurator produces oc_clientConfig.xml files with connections to all available mc (usable by DatabaseInitialization tool)		
Water Coach	<a href="#">FEWS-17959</a>	WaterCoach will only run default script			
Water Coach	<a href="#">FEWS-17831</a>	FEWS-17521 WC - forecast in future is visible in WC mode			
Water Coach	<a href="#">FEWS-18114</a>	Remove read only flag when datastore is readonly in watercoach			
Water Coach	<a href="#">FEWS-17833</a>	FEWS-17521 WC - messages don't appear in Forecaster Notes / Bulletin Board			
Water Coach	<a href="#">FEWS-17834</a>	FEWS-17521 WC - participant can't connect to vidbc database			
Water Coach	<a href="#">FEWS-18730</a>	FEWS-17521 NWS: Water Coach Fails when copying scenario			
Water Coach	<a href="#">FEWS-18649</a>	FEWS-17521 NFFS: Watercoach laat geen log meldingen meer zien			
Water Coach	<a href="#">FEWS-18648</a>	FEWS-17521 NFFS: Water Coach werkt niet, krijg FewsExplorerEnvironment.updateSessionRunnable - Duplicate value SA3			

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Config Example
	<a href="#">FEWS-18578</a>	FEWS-17521 Grid view heeft wat moeite met spatial thumbnails			
	<a href="#">FEWS-18783</a>	workflowtestrun does not recognize global variables			
	<a href="#">FEWS-18778</a>	FEWS-17521 Nullpointer (Oracle stress test): Stop thread nicely (when no more OCs are allowed)			
	<a href="#">FEWS-18701</a>	FEWS-17521 Error when trying to connect to central database			