Delft-FEWS 2018.02 Solved Bugs

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example
App - Admin Web User Interface	FEWS-20008	FEWS-19650 AI: showing actual status either 'wrong' or 'empty'				
App - Admin Web User Interface	FEWS-20045	FEWS-19650 AI: Numbers in Database Analysis Time series overview have many decimals and have incorrect units				
App - Admin Web User Interface	FEWS-20085	FEWS-19650 AI: upload of Action Configuration file is resulting in an ERROR				
App - Admin Web User Interface	FEWS-20082	FEWS-19650 AI: FSS Status columns Last Run workflowID and Last Task Run Dispatch time are empty				
App - Admin Web User Interface	FEWS-20000	FEWS-19650 AI: Time Column in ImportStatus table does not show correct value				
App - Admin Web User Interface	FEWS-19999	FEWS-19650 AI: Import Status sorting of columns does not work				
App - Admin Web User Interface	FEWS-19917	FEWS-19650 WebService session doesn't show up in active services list of Admin Interface				
App - Admin Web User Interface, Documentation	FEWS-19829	finalize delivery of JCEF web browser for FEWS 2018.02				
App - Admin Web User Interface	FEWS-20328	AI Dashboard - FSS status workflow ID column shows date/time				
App - Admin Web User Interface	FEWS-20598	FEWS-19650 FOEN-AI: Download and Upload of Action Events does not work correctly				
App - Admin Web User Interface	FEWS-20144	FEWS-17874 Workflow mappings and run options	Admin Interface: Run options of a workflow can now be set as part of the tasks		https://publicwiki.deltares.nl/display/FEWSDOC/Scheduled+Tasks+-+Details	
App - Admin Web User Interface	FEWS-19300	FEWS-17521 NWS: FB253 Error when uploading MC_SystemAlerter in AI				
App - Admin Web User Interface, Plugin - Module - Amalgamate	FEWS-20338	FEWS-19650 Check on scheduling of the amalgamate module should be improved				
App - Admin Web User Interface	FEWS-19399	FEWS-19079 Download All Scheduled Tasks in Admin Interface doesn't include Suspended tasks	suspended tasks are downloaded as well.	When downloading scheduled tasks, suspended tasks are downloaded as well.		
App - Admin Web User Interface	FEWS-20411	admin interface should have unique logon name per MC				
App - Admin Web User Interface	FEWS-20492	FSS status page shows red color on heartbeat column				
App - Admin Web User Interface	FEWS-20209	FEWS-19650 HyFS_AI: Mappen van workflows naar FSS groups werkt niet				
App - Admin Web User Interface	FEWS-20249	FEWS-19650 Deleted users in Admin Interface are synchronized back				
App - Admin Web User Interface	FEWS-19914	FEWS-19650 HyFS: History FSS is not visible if deactivated.				
App - Admin Web User Interface	FEWS-19979	FEWS-19650 AI: Sorting does not work (well) for "taskRuns"				
App - Admin Web User Interface	FEWS-20054	FEWS-19650 Upload of scheduled tasks fails on IE11				
App - Admin Web User Interface	FEWS-20044	FEWS-19650 AI: ERROR produced while trying to delete FSS group	Delete of FSS Group is disable if used by FSS	FSS Groups cannot be deleted if they have been used by a forecasting shell. The delete button is now disabled if a group was already used. In 2019.01 it should be possible to hide/delete old FSS groups.		
App - Admin Web User Interface	FEWS-20180	FEWS-19650 duplicate user mappings stored				
App - Admin Web User Interface	FEWS-20181	FEWS-19650 Import status last import time is not sorting date correctly				
App - Admin Web User Interface	FEWS-20185	FEWS-19650 Showing group memebers sometimes results in Nullpointer				
App - Admin Web User Interface	FEWS-19992	FEWS-19650 AI: System Status overview adjust text View Details				
App - Admin Web User Interface	FEWS-20025	FEWS-19650 upload tasks gives error even though upload was successful				
App - Admin Web User Interface	FEWS-20027	FEWS-19650 AI: when you press the button Suspend (all selected tasks) then there is question about resuming tasks				

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App - Admin Web User Interface	FEWS-20043	FEWS-19650 AI: uploading of workflow FSS group mapping from file failes				
App - Admin Web User Interface	FEWS-20098	FEWS-19650 duplicate FSS status info on dashboard page	duplicate fsss	Duplicate FSS's are filtered out now.		
App - Admin Web User Interface	FEWS-20069	FEWS-19650 Admin Interface initial login fails if user was added to configuration group				
App - Admin Web User Interface	FEWS-19889	FEWS-19650 Purging log files fails in Admin Interface	purging by log level failed	Purging by log level didn't remove any entries dus to changed log4j mappings.		
App - Admin Web User Interface	FEWS-20086	FEWS-19650 AI: Task can be scheduled with a workflow name that is too long	Tag length is validated during ActionConfiguration upload	Tag length is validated during ActionConfiguration upload. Can be no longer that 64 characters.		
App - Admin Web User Interface	FEWS-20404	FEWS-19650 AI sums OC sessions of MC00 and MC01 and shows the same number of OC sessions for both				
App - Admin Web User Interface	FEWS-20337	FEWS-19650 AI allows setting a task to 'approve' even when the workflow has 'allowApprove' set to false				
App - Admin Web User Interface	FEWS-20300	FEWS-19650 AI Scheduled Tasks page geeft veel "Unknown" als status				
App - Admin Web User Interface	FEWS-20385	FEWS-19650 AI does not listen to 'cancel' after clicking on suspend, resume, etc. of a task				
App - Admin Web User Interface	FEWS-19995	FEWS-19650 AI: Button to Reset Filter (clear all filtering criteria) is not available				
App - Admin Web User Interface	FEWS-19993	FEWS-19650 AI: Purging of logging based on log level does not work				
App - Admin Web User Interface	FEWS-19994	FEWS-19650 AI: Selecting Text In Source Column or Code column is no longer possible				
App - Admin Web User Interface	FEWS-20046	FEWS-19650 AI: Sorting Scheduled tasks on Latest Task Run Dispatch Time & Latest Task Run Status does not work				
App - Admin Web User Interface	FEWS-20545	FEWS-19650 FSS Groups not displayed with empty description				
App - Admin Web User Interface	FEWS-20591	FEWS-19650 FOEN-AI: Tag is not shown in AI when Hide-on-off tasks is enabled				
App - Archive	FEWS-20057	FEWS-19650 Elastic won't start without JAVA_HOME set				
App - Archive	FEWS-20055	FEWS-19650 Archive Standalone Invalid warning		Archive Client in Standalone warns about upgrading to latest version, but latest version is being used.		
App - Configuration Manager Gui	FEWS-20006	FEWS-19650 Config Manager failed to download root configvalue				
App - Configuration Manager Gui	FEWS-19289	FEWS-17521 HERMES: FB219 Config fails validation in 2017.02 CM				
App - Configuration Manager Gui	FEWS-19445	FEWS-9861 NWS: #55759 CM Revision Errors: version for * is not available in *				
App - Configuration Manager Gui	FEWS-20178	Pad in shortcut ConfigManager				
App - Configuration Manager Gui	FEWS-20184	FEWS-19650 FFFS: Config Manager does not close if database is not connected				
App - Configuration Manager Gui	FEWS-20192	FEWS-19650 HyFS-CM: Config Manager wil Archief opstarten en geeft error melding				
App - Configuration Manager Gui	FEWS-19666	FEWS-18245 CM fixes				
App - Configuration Manager Gui	FEWS-19988	FEWS-19650 HyFS: Config Manager has Heap Space when opening System Monitir				
App - Configuration Manager Gui	FEWS-19987	FEWS-19650 HyFS: Import of new config in config manager generates heap space errors				
App - Delft-FEWS	FEWS-20436	FEWS-19650 dcm: Log4j error bij runnen dcm				
App - Delft-FEWS	FEWS-19785	FEWS-19536 Waternet: config update werkt niet meer in 2017-02			https://publicwiki.deltares.nl/display/FEWSDOC/30+Config+Update+Module	
App - Forecasting Shell Server	FEWS-20597	FSS timeout to connect to database				
App - Forecasting Shell Server, App - Master Controller Server	FEWS-20452	FEWS-19650 FSS/MC: task terminated in MC leads to persistent error on FSS				
App - Forecasting Shell Server	FEWS-20230	FEWS-19650 Rivieren test: Invalid command while ready Pending Sleep Keep Slots				

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App - Forecasting Shell Server	FEWS-20228	FEWS-19650 all kind of errors at the FSS of Regge testsystem				
App - Forecasting Shell Server	FEWS-20182	FEWS-19650 Onduidelijke foutmelding bij config error				
App - Forecasting Shell Server	FEWS-20194	FEWS-19650 Changed FSS group (in Environment Variables) is not shown in Admin Interface				
App - Forecasting Shell Server	FEWS-20514	FEWS-19650 Null pointers on FSS with starting a task "Ilegal method call Task is expired", "Illegal argument not for 4th check passed", "Illegal argument Null not allowed for 2nd check passed"				
App - Forecasting Shell Server	FEWS-20541	FEWS-19650 Exception No pending task run found within a minute for 520				
App - Forecasting Shell Server	FEWS-20227	FEWS-19650 Old MC proxy out.txt with rolling logging of the FSS is missing at the new FSS				
App - Forecasting Shell Server	FEWS-20542	FEWS-19650 It takes about 10 minutes before an FSS receives a heartbeat after restart				
App - Launcher Gui	FEWS-19693	FEWS-19650 The FEWS installation application requires many improvements				
App - Master Controller Server	FEWS-20176	data_update script postgres				
App - Master Controller Server	FEWS-20374	MCRecoverytool Uncaught exception in thread main				
App - Master Controller Server	FEWS-20223	FEWS-19650 HyFS-MC: DeletedRowsTable.Error The stream is closed				
App - Master Controller Server	FEWS-19574	FEWS-18469 LogEventProcessor changes				
App - Master Controller Server	FEWS-20174	Scheduling task on explicit group is still run on other group.				
App - Master Controller Server	FEWS-20248	FEWS-17521 NRW: The Export_Current workflow is triggered on both Duty and Standby				
App - Master Controller Server	FEWS-20216	FEWS-19650 Tasks pending while FSS sleeping				
App - Master Controller Server	FEWS-20095	FEWS-19650 Way too many logentries of 1 taskrunID...				
App - Master Controller Server	FEWS-20190	FEWS-19650 HyFS-DEV: Mc-Mc synchronisatie geeft errors				
App - Operator Client Gui (Explorer)	FEWS-20136	FEWS-19650 Error when refreshing client about modifiers				
App - Operator Client Gui (Explorer)	FEWS-17298	Filters take precedence over linked displaygroup plots in topology				
App - Operator Client Gui (Explorer)	FEWS-19704	FEWS-17521 NRW: Tooltips are not generated on the map				
App - Operator Client Gui (Explorer)	FEWS-19705	FEWS-17521 NRW: Select by Map Item function doesn't allow selection of locations on map				
App - Operator Client Gui (Explorer)	FEWS-19809	FEWS-19650 StatusBarConfig settings are ignored				
App - Operator Client Gui (Explorer)	FEWS-19984	FEWS-19650 HyFS: List with Debug menu options under F12 is too long				
App - Operator Client Gui (Explorer)	FEWS-19795	FEWS-19650 configured panelsizes in explorer ignored			https://publicwiki.deltares.nl/display/FEWSDOC/01+FEWS+Explorer#id-01FEWSExplorer-Panelsizes	
App - Operator Client Gui (Explorer)	FEWS-19796	FEWS-19650 When adding Colorschemes.xml it is opened as default			https://publicwiki.deltares.nl/display/FEWSDOC/08+Color+schemes+and+custom+colors#id-08Colorschemesandcustomcolors-CustomColorsanddefaults	
App - Operator Client Gui (Explorer)	FEWS-19793	FEWS-19650 custom location selection tool works not when other filters are selected				
App - Operator Client Gui (Explorer)	FEWS-19818	FEWS-19650 Custom notifications are shown at restart only				
App - Operator Client Gui (Explorer)	FEWS-20463	FEWS-19650 Ensemble plot in Data Viewer has color and legend item per member				

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App - Operator Client Gui (Explorer)	FEWS-19743	FEWS-19650 Shortcut Shift-F5 is both used for terminate local runs and new option "load latest archived configuration"				
App - Operator Client Gui (Explorer)	FEWS-20465	FEWS-19650 DisplayGroup filtering on moduleInstanceId broken				
App - Operator Client Gui (Explorer)	FEWS-19766	timeseriestatussnapshot werkt niet				
App - Operator Client Gui (Explorer)	FEWS-19911	FEWS-19650 HyFS: Error bij gebruik Oracle database Loracle/simplefan/FanManager				
App - Operator Client Gui (Explorer)	FEWS-19694	FEWS-19650 Double splash screen when FEWS is started				
App - Operator Client Gui (Explorer)	FEWS-20130	FEWS-19650 FFFS: Azure OC has warning WARN - Can not reopen cache file:rowCacheFile.length() < rowCacheSize when started				
App - Operator Client Gui (Explorer)	FEWS-19913	FEWS-19650 HyFS: OC global properties are automatically replaced.			https://publicwiki.deltares.nl/display/FEWSDOC/08+Root+Configuration+Files+for+Operator+Client+and+Forecasting+Shell+Servers	
App - Operator Client Gui (Explorer)	FEWS-19915	FEWS-19650 HyFS: Error exporting HyFS_Help moduledataset				
App - Operator Client Gui (Explorer)	FEWS-19912	FEWS-19650 HyFS: FEWS creates txt and info files in existing folders. Must be in temp folder				
App - Operator Client Gui (Explorer)	FEWS-20476	FEWS-19650 HyFS-OC: Operator client can not be closed when connection with MC is broken				
App - Operator Client Gui (Explorer)	FEWS-19990	FEWS-19650 HyFS-SA: Create Shortcuts improvement (disable Rolling barrel)				
App - Operator Client Gui (Explorer)	FEWS-20388	FEWS-19650 Replicate werkt niet				
App - Operator Client Gui (Explorer)	FEWS-19726	FEWS-19650 FewsBinDirValidator.visitFile - Only files listed in file-list.txt are allowed in the bin dir				
App - Operator Client Gui (Explorer)	FEWS-19734	FEWS-19650 When FEWS starts, a debug.log file is written in the \bin\windows folder				
App - Operator Client Gui (Explorer)	FEWS-20407	FEWS-19650 restart after delete loca;datastore fails				
App - Operator Client Gui (Explorer)	FEWS-20418	FEWS-19650 config reload (F5) broken after patch 82448				
App - Operator Client Gui (Explorer)	FEWS-20536	FEWS-19650 ERROR on external distribution of OC rootconfig?				
App - Operator Client Gui (Explorer)	FEWS-20534	FEWS-19650 OC/SA startup and background threads should have a lower thread priority				
App - Operator Client Gui (Explorer)	FEWS-19750	FEWS-17521 The documents panel partially obscures the map layer control	The documents panel no longer obscures partially the map layer control			
App - Operator Client Gui (Explorer)	FEWS-19689	FEWS-19650 On dual monitor setup, notification and application show on different monitors	bugfix: On dual monitor setup, notification and application show on different monitors			
App - Operator Client Gui (Explorer)	FEWS-19815	FEWS-19650 Spanish language file is not complete	Updated spanish language files			
App - Operator Client Gui (Explorer)	FEWS-19771	FEWS-19650 FewsExplorer.storeLayout - Error saving layout windowLayout.xml	fixed Error saving layout windowLayout.xml			
App - Operator Client Gui (Explorer)	FEWS-20067	FEWS-19650 Operator Client needs to add configured groups in admin interface to the users groups.				
Configuration, System - Synchronisation	FEWS-20245	FEWS-10616 TVA: Problems with configuration, synching, and running tasks on Dev system				
Configuration	FEWS-19797	FEWS-19650 Error when there is no RootconfigFiles folder in config				
Database	FEWS-19827	FEWS-19650 Rollingbarrel errors on start up of 2018.02 version				
Database	FEWS-19989	FEWS-19650 HyFS-SA: FK_FEWSSESSIONS error in Rolling Barrel				
Database	FEWS-20214	FEWS-19650 HyFS_FSS: SystemMetrics module geeft heel veel errors				
Database	FEWS-19687	FEWS-19650 Table SystemStatusDigests was not found				

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Database	FEWS-19830	FEWS-19650 FFFS: FewsSqlUtils.deleteGlobalRowIds - GDS Exception				
Database	FEWS-20512	FFFS-SA en OC: When running the SystemMetrics FEWS crashes				
Database	FEWS-19967	FEWS-19650 Error message when converting 20170101 database to 201802				
Database, Plugin - Gui - System Monitor	FEWS-20396	FEWS-19650 FFFS-OC: Importstatus in System Monitor does not work anymore				
Database	FEWS-20167	Too many queries are used when blobs of queried time series don't fit into memory				
Database	FEWS-20129	FEWS-19650 FFFS: Warm State can not be stored in database				
Database	FEWS-20134	FEWS-19650 FFFS-FSS: Database connection reset error				
Database	FEWS-19831	FEWS-19650 FFFS: Rolling Barrel runs on start-up. Not clear that it is running the rolling barrel				
Database	FEWS-20290	FEWS-19650 FFFS-SA: Na maken dump localdatastrore krijg ik ee naantal errors op stand alone				
Database	FEWS-19966	FEWS-19650 FFFS: FewsExplorerEnvironment.refreshDataStoreRunnable - Datastore refresh stopped, restart FEWS				
Database	FEWS-20280	FEWS-19650 FFFS-OC: Replicate database werkt niet "Null not allowed for 1st check"				
Database	FEWS-20569	FEWS-19650 HyFS-OC: Sqlexception Invalid row detected in table AttributeModifiers				
Debug Tool - Database Viewer	FEWS-20551	Incorrect time stamp counts in database lister header				
Debug Tool - Workflow Navigator	FEWS-19800	FEWS-19650 Workflow navigator log panel shows log messages from the regular log panel				
Debug Tool - Workflow Navigator	FEWS-20059	FEWS-19650 WFN: null pointer when trying to find usages of selected timeseries				
Debug Tool - Workflow Navigator	FEWS-20509	FEWS-19650 When opening workflow navigator, logging is passed to general log as well. From that moment, the logs are duplicated				
Module Adapter - All	FEWS-20325	FEWS-19650 2018.02: issue with swan adapter				
Module Adapter - Delft3D	FEWS-19180	Delft3D preadapter Null Pointer Error				
Module Adapter - HBV	FEWS-20331	FEWS-19650 HBV Adapter binnen ModuleDataSets faalt in ensemble modus				
Module Adapter - HBV	FEWS-20231	FEWS-19650 Rivieren test: HBV pre-adapter faalt				
Plugin - Gui - Forecast Manager	FEWS-19985	FEWS-19650 HyFS: Archive panel error in forecast manager				
Plugin - Gui - Grid Display	FEWS-19761	FEWS-17521 NRW: Spatial display sometimes remembers which plot was selected when closing and sometimes not.				
Plugin - Gui - Grid Display	FEWS-19847	FEWS-19650 Start drawing longitudinal profile causes an error "Null pointer program error" after moving to data display				
Plugin - Gui - Grid Display	FEWS-19894	FEWS-19650 Index -1 out of bounds with aggregation slider of the grid display				
Plugin - Gui - Grid Display	FEWS-20268	Spatial display: arrows based on valueTimeSeriesSet, directionTimeSeriesSet do not show			https://publicwiki.deltares.nl/display/FEWSDOC/01+Grid+Display#id-01GridDisplay-valueTimeSeriesSet/directionTimeSeriesSet	
Plugin - GUI - IFD - Dataviewer	FEWS-19707	FEWS-17521 NRW: Parameters left in field when filter deselected				
Plugin - GUI - IFD - Forecaster Help	FEWS-20310	FEWS-19650 ForecasterAidDocumentPanel doesn't display colour PDFs any more				
Plugin - GUI - IFD - Forecasts	FEWS-20222	FEWS-19650 HyFS-OC: Forecast Tree activeert bijna bij elke node de State selection (warm state)				

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Plugin - GUI - IFD - Forecasts	FEWS-19837	FEWS-19650 IFD icon for server side run node does not update correctly after an error				
Plugin - GUI - IFD - Forecasts	FEWS-20285	FEWS-19650 FFFS-SA: Topology rerun doet het niet				
Plugin - GUI - IFD - Forecasts	FEWS-19807	FEWS-19650 description box in IFD is not totally visible				
Plugin - GUI - IFD - Forecasts	FEWS-20262	FEWS-19650 NWS: unreadable windows in Linux related to longitudinal profile displays				
Plugin - Gui - Longitudinal Profiles	FEWS-20393	FEWS-9707 Langsprofielen zijn 'leeg' in 2017.02				
Plugin - Gui - Map	FEWS-19358	FEWS-9861 NWS: #45892 Run Segment from Map Display				
Plugin - Gui - Map	FEWS-20577	FEWS-19650 FOEN-OC: Null pointer Can not create shape cache				
Plugin - Gui - System Monitor	FEWS-20220	FEWS-19650 HyFS-OC: Als je een taak lokaal draait vanuit forecast tree zie je deze als none in running tasks				
Plugin - Gui - System Monitor	FEWS-20276	FEWS-19650 Log tab in system monitor displays times in GMT instead of the timezone of the client				
Plugin - Gui - System Monitor	FEWS-20439	FEWS-19650 FFFS-OC: System Monitor verliest bij elke database synch de focus				
Plugin - Gui - System Monitor	FEWS-20210	FEWS-19650 HyFS-OC: System Monitor does not show correct list of running workflows on LINUX				
Plugin - Gui - System Monitor	FEWS-20131	FEWS-19650 FFFS: Build nummer zit niet goed in System Monitor				
Plugin - Gui - System Monitor	FEWS-20132	FEWS-19650 FFFS: System Monitor hangt heel vaak met Log Browser open				
Plugin - Gui - System Monitor	FEWS-20173	FEWS-19650 FFFS: In de System Monitor krijg je af en toe rare status informatie				
Plugin - Gui - System Monitor	FEWS-20023	FEWS-19650 FFFS: Error refreshing the system monitor with import status				
Plugin - Gui - System Monitor, System - Logging	FEWS-19732	FEWS-19650 Log messages not shown in System Monitor's log browser				
Plugin - Gui - System Monitor	FEWS-20570	FEWS-19650 HyFS-OC: Mijn FSS heeft status 303. Wat is dat?				
Plugin - Gui - System Monitor	FEWS-20211	FEWS-19650 HyFS-OC: System Monitor must show consistent FSS information				
Plugin - Gui - System Monitor	FEWS-20226	FEWS-19650 Incorrect sorting in columns of system monitor	Fixed sorting of system monitor table			
Plugin - Gui - Time Series	FEWS-19616	Copy/paste timeseries in TSD does not work for wind timeseries (which have connection between speed and direction)				
Plugin - Gui - Time Series	FEWS-19909	FEWS-17521 TVA: longitudinal profile nullPointer introduced with stable patch #79987				
Plugin - Gui - Time Series	FEWS-20015	FEWS-10616 TVA: Ctrl-Z data edit behavior				
Plugin - Gui - Time Series	FEWS-19698	FEWS-19650 Still a "tobeReplacedByHerman.png" icon in the TSD, together with errors on this feature				
Plugin - Gui - Time Series	FEWS-20170	Combination of normal line and variableLineWidth line in graph should be the other way around				
Plugin - Gui - Time Series	FEWS-20451	FEWS-9524 WIS-Dommel: commentaar springt naar "too many comments"				
Plugin - Gui - Time Series	FEWS-19603	mAOD conversie werkt niet meer in rating curves display				
Plugin - Gui - Time Series	FEWS-18296	threshold background not aligned with threshold line				
Plugin - Gui - Time Series	FEWS-20372	FEWS-19650 FFFS-SA: Unit in rating table does not switch between mAOD and local if the flow parameter is selected				
Plugin - Gui - Time Series	FEWS-19739	FEWS-19650 After editing some time series, FEWS gives error on exiting fews				

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Plugin - Gui - Time Series	FEWS-20061	FEWS-19650 TSD display time relativeperiod does strange things				
Plugin - Gui - Time Series	FEWS-19794	FEWS-19650 FFFS: Time Series Editor pop-up menu is too big for laptop screen	ime Series Editor pop-up menu is too big for laptop screen - grouped menu items			
Plugin - Gui - Time Series	FEWS-19888	FEWS-19650 Calender display, month name partly visible				
Plugin - Gui - Time Series Modifier	FEWS-19736	shortcut modifiers buttons in modifier display stays active when executePermission is false	bugfix: shortcut modifiers buttons in modifier display stays active when executePermission is false			
Plugin - GUI - TimeSeriesButtonsPanel	FEWS-19921	FEWS-19650 The search and select forecasts doesn't work				
Plugin - Gui - Web Browser Display	FEWS-19720	FEWS-19650 Missing library jcef.dll				
Plugin - Gui - What-if Scenario	FEWS-19702	FEWS-17521 NRW: Unable to delete what-if scenarios				
Plugin - Gui - What-if Scenario	FEWS-19867	FEWS-19650 It is not possible to remove scenarios from the WhatIf scenario manager				
Plugin - Module - Data Export	FEWS-19662	FEWS-11612 Hydrotec: question on export time series run			https://publicwiki.deltares.nl/display/FEWSDOC/Export+module#Exportmodule-forecastSelectionPeriod	
Plugin - Module - Data Import	FEWS-20117	FEWS-19650 Import of netcdf file fails when using the seamless integration				
Plugin - Module - Data Import	FEWS-20563	FEWS-19650 HySF-SA: Import Surge NetCDF data Index -1 out of bounds for length 2				
Plugin - Module - Data Import	FEWS-20102	FEWS-9861 NWS: #56182 ofsde import errors				
Plugin - Module - Data Import	FEWS-19110	FEWS-11613 BFG: Import SYNOP meteo data	Import SYNOP meteo data, now inporting global radiation and sunshine duration too.			
Plugin - Module - Data Import	FEWS-20172	WISKI parser: generalize skipping events with invalid header				
Plugin - Module - Data Import	FEWS-20246	FEWS-19650 Import should not give error: 2019-02-21 08:35:50.701 ERROR - WaterMlTimeSeriesParser.parse - Unable to parse time series. reason: Invalid request parameters: Unknown hydro monitoring point 'hr3108'				
Plugin - Module - Data Import	FEWS-20434	FEWS-19650 Empty tgz throws a warning (=fine), but file can't be moved to Import_Failed folder (=bad)				
Plugin - Module - FloodPeriods	FEWS-20215	FEWS-19650 HyFS-FSS: Floodperiods module gives error 'Operator does not exist'				
Plugin - Module - General Adapter	FEWS-19770	FEWS-19650 NWS: ERROR - Running OHD adapter: Diagnostic file does not exist; running on Java 11				
Plugin - Module - General Adapter	FEWS-19763	FEWS-19650 FEWS-FOEN: Extern model draait niet meer goed via General Adapter				
Plugin - Module - General Adapter	FEWS-20116	FEWS-19650 Error when importing data from netCDF				
Plugin - Module - General Adapter	FEWS-19764	FEWS-19650 FEWS-FOEN: NetcdfUtils.addFEWSVersionInfoAttributes - null Error				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-19552	FEWS-13318 HyFS: Text modifiers can not be longer than 64 characters. Make correct log message				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-20206	FEWS-19650 HyFS-OC: Modifier nulpointer error when adding location attribute modifier				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-19981	FEWS-19650 adjustQ blending timestep modifier does not work				
Plugin - Module - Modifiers (ModuleParameters)	FEWS-19309	FEWS-13888 Hyfs-3884: additional modified locationattributes are shown in summaryFunction				
Plugin - Module - Modifiers (TimeSeries)	FEWS-19978	FEWS-19650 cosmetisch bugje sacco slider modifier				

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Plugin - Module - PcrTransformation	FEWS-19762	FEWS-19650 FOEN: PCRaster does not work anymore	PCRaster script generation failed	Due to java11 refactoring the XML script generation was invalid. has been fixed with patch: #79577		
Plugin - Module - Performance Indicators	FEWS-19304	Error when running Performance indicator module				
Plugin - Module - Reports	FEWS-20218	FEWS-19650 Report systemStatus: Illegal method call User settings not successfully initialised yet & Illegal argument Null not allowed for 1st check				
Plugin - Module - Reports	FEWS-20207	FEWS-19650 HyFS-FSS: Report Error "'Illegal method call User settings not successfully initialised yet"				
Plugin - Module - Statistics	FEWS-19865	FEWS-19650 Difference plot reference refresh issue.				
Plugin - Module - Thresholds	FEWS-19749	FEWS-17521 NRW: The button to filter the thresholds from the map display only applies to the map and locations				
Plugin - Module - Transformation	FEWS-20093	FEWS-19650 TimeSeriesView.setPreserveAllManual(Z)V error				
Plugin - Module - Transformation	FEWS-20191	FEWS-19650 maxmim extrapolation type in lookup transformation not correct				
System	FEWS-20369	Help button of CreateShortcut Tool points to wrong page				
System	FEWS-19775	FEWS-19650 TVA: Error - Cannot initialize permissions				
System - Logging	FEWS-20384	FEWS-19650 FFFS-SA: Inefficient SQL				
System - Logging	FEWS-20553	FEWS-19650 FOEN-OC: parallel workflow fails with Error becasue of constraint logentries				
System - Logging	FEWS-20531	FEWS-19650 Some debug logging options do not work (on SA)				
System - PI Service	FEWS-20525	DD-API: location cooridinates do not mach CRS				
System - PI Service	FEWS-20461	FewsWebServices stopt, java.lang.NoClassDefFoundError: Loracle/simplefan/FanManager				
System - PI Service	FEWS-20293	FEWS-19650 PI WebServices broken on live system				
System - PI Service	FEWS-20294	FEWS-19650 WMS Service doesn't show new forecast data				
System - PI Service	FEWS-20295	FEWS-19650 pi service test page always shows timeStep as option to test				
Water Coach	FEWS-20383	FEWS-19650 FFFS-SA: Watercoach display is too small. Window does not show title				
Water Coach	FEWS-19812	FEWS-19650 guireinitialized in user_settings.ini for WaterCoach is too aggressive				
Water Coach	FEWS-19852	FEWS-19650 WaterCoach: manual forecaster note is not written to watercoach log file				
Water Coach	FEWS-19854	FEWS-19650 WaterCoach: envelope for new message only appears in master, not in any of the participants				
Water Coach	FEWS-19853	FEWS-19650 WaterCoach participant mode: no data available				
	FEWS-19459	samples and archive integration				
	FEWS-19494	harvester should always log an error when a problem is detected				
	FEWS-19492	time series with custom timesteps are not indexed correctly				
	FEWS-20283	amalgamate is failing for some netcdfiles				
	FEWS-19479	FEWS-19387 migration elastic				
	FEWS-20203	FEWS-19650 version check for the archive is not working				

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	FEWS-19685	FEWS-19650 Tabular timeseries cannot be shown				
	FEWS-20424	FEWS-19650 seamless integration for external forecasts is not working				
	FEWS-20484	FEWS-19650 string attribute modifier is somehow parsed to numerical value				
	FEWS-20487	FEWS-19650 IFD tooltip is not complete				
	FEWS-20224	FEWS-19650 imported forecasts from archive are not shown in the search and select dialog				
	FEWS-20168	FEWS-19650 move duplicate code to utils-function				
	FEWS-20165	FEWS-19650 last page of time series overview crashes				
	FEWS-20148	FEWS-19650 update of summary panel is very slow				
	FEWS-20147	FEWS-19650 improve elastic settings				
	FEWS-20164	FEWS-19650 paging is disable at the database analysis overviews				
	FEWS-20158	FEWS-19650 totals in database analysis overview pages have too many decimals				
	FEWS-20068	FEWS-19650 IFD status icon does not change to yellow when a modifier is applied				
	FEWS-20504	FEWS-19650 Null pointer error after selection run options in the IFD				
	FEWS-20075	FEWS-17521 FB 286 Archive incorrect meta data displayed in SA archive panel				
	FEWS-20488	ModuleConfigQuickScanner does not recognise ignoreNonExistingLocationSets				
	FEWS-20238	dont overwrite the metaData.xml for observed data				
	FEWS-19759	FEWS-17521 FB 279 BPA Streamflow PI Service and Archive Connection				
	FEWS-19721	nl.wldelft.libx.jfreechart.FlagBarRenderer.fillRect :254, java.lang.ArrayIndexOutOfBoundsException: 2147483585				
	FEWS-19607	Background color of mod type column disappears when reordering column				
	FEWS-19546	Filter by tree rebuilds entire tree after selecting a checkbox which causes the dialog to scroll up				
	FEWS-20017	Default color schemes for user groups no longer work				
	FEWS-20316	2018.02: issue with downloading CollectedLogFiles				
	FEWS-20323	2018.02: wrong event code generated after a task finished successfully			https://publicwiki.deltares.nl/display/FEWSDOC/Admin+Interface+-+System+Status+-+Event+Codes	
	FEWS-20247	FEWS-19650 changing from one to another (or default) color scheme does not work anymore				
	FEWS-20105	FEWS-19650 When using custom color scheme, still the modern w10 layout should be used				
	FEWS-19859	FEWS-19650 On-the-fly summation of Sample data produces blank graph/table displays				
	FEWS-19798	FEWS-19650 locationHistoryBar in explorer not working properly				
	FEWS-19758	FEWS-19650 Sum qualifier option does "selection" for all sub nodes, but not a deselect				
	FEWS-19897	FEWS-19650 ERROR - TimeSeriesDialog.loadTimeSeries - true != false for 4th checktrue != false for 4th check version				
	FEWS-19456	FEWS-19387 Crashing DLL's on Windows 10				

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example
	FEWS-20312	FEWS-19650 Not possible to edit AI task with repeat mode at "one or more days each month"				
	FEWS-20288	FEWS-19650 Null pointer system metrics				
	FEWS-20391	FEWS-19650 System Status gooit enorm veel fouten				
	FEWS-20079	FEWS-19650 Oracle database update script fails				
	FEWS-19466	xsd-docu missing clientConfig synchprofile				
	FEWS-19232	FEWS-9861 NWS: #54217 (FB230) Can't restore modifier window size once maximized				
	FEWS-20483	FEWS-19650 pi-service export error				
	FEWS-19860	FEWS-19650 Pi webservice (REST) does not return a response for Get Samples				
	FEWS-20482	FEWS-19650 pi-service import error: Event type START_ELEMENT specified did not match with current parser event END_ELEMENTEvent type START_ELEMENT specified did not match with current parser event END_ELEMENT				
	FEWS-19565	ArrayIndexOutOfBoundsException ProfileGeomerty				
	FEWS-19850	FEWS-19724 Add more logging to DimrAdapter				
	FEWS-19390	IndexOutOfBoundsException DisplayGroups				
	FEWS-19337	FEWS-17521 Config Manager Display of Missing files has incorrect column headers				
	FEWS-19824	FEWS-19650 Chart heading and tables information is different.				
	FEWS-20379	FEWS-19650 Can not create D:\fews\fss\1\temp\session\sobek fss115229695245079731454.avi lioexception Bogus input colorspace				
	FEWS-20104	FEWS-19650 Slider of griddisplay is continuously rescaling due to flexible width of datetime label				
	FEWS-19805	FEWS-19650 INFO log messages get Error event codes				
	FEWS-19861	FEWS-19650 qualifiers/timeseries table: order of timeseries in table shuffles when (un)selecting qualifiers				
	FEWS-19862	FEWS-19650 sample viewer: filtertree and dataviewer interaction can lead to empty sample				
	FEWS-19878	FEWS-19650 Bug in Longitudinal profile - visibleInTable				
	FEWS-19963	FEWS-19650 Buttons Config Manager messed up				
	FEWS-19970	FEWS-19650 Null pointer in EmbeddedDatabase201702UpgradeUtils				
	FEWS-19784	FEWS-19650 error when using wldelft.urbs.ParameterAdapter				
	FEWS-19783	FEWS-19650 1D spectra plot gives nullpointer				
	FEWS-19882	FEWS-19650 Bug in Category plot: null pointer when <axis>right</axis>				
	FEWS-20188	FEWS-19650 Hotspot in switching from one to another grid in spatial display. Takes 20 seconds.				
	FEWS-19881	FEWS-19650 Bug in Category plot: axisScaleUnit				
	FEWS-19880	FEWS-19650 Bug in Category plot: incorrect colors legend				
	FEWS-20544	WIWB import stores NC files in temp dir, even when keepDownloadDataInTempFolder=false				

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	FEWS-20549	FEWS-19650 arrayoutofbounds error when typo in on the fly expression				
	FEWS-19579	FEWS-11612 Request for display levels in displayGroups				
	FEWS-19632	FEWS-9707 HDSR: Tabular_config_files_highlight_hoofdlocatie				
	FEWS-19571	FEWS-19022 <doubleClickLocationEnabled> in Explorer.xml leads to DisplayGroup instead of TSD	ExplorerTask option doubleClickLocationEnabled	When double clicked at a location at the map or in the list, all the explorerTasks with this option set to true are started. The location is selected before the tasks are started, so you can for example start the time series dialog (TSD) and jump to the shortcut chart of the clicked location. Note 1: This functionality has been designed before the introduction of docking displays and assumes that each double click opens a new TSD. To be able to open a new TSD (with argument shortcuts), this task should have the option allowMultipleInstances=true. An already opened shortcuts TSD is not able to switch to an another shortcut chart. Note 2: a TSD with the argument shortcuts will open to the shortcut chart that is configured in DisplayGroups.xml. By default the first chart that contains the clicked location will open. To open a specific shortcut chart, an 'explorerLocationId' can be configured in this shortcut chart and the chart will open if the same location is double clicked at the map or in the list. An example: if LocB or LocG is double clicked, TSD will open		
	FEWS-20193	FEWS-11613 BFG: Error using EPSG code for grid				
	FEWS-20013	FEWS-19650 Reports are not shown in FEWS 2018.02				
	FEWS-20114	FEWS-19650 AI should also support log collection of Tomcat logs directory				
	FEWS-19450	FEWS-18362 CEMIG: Import ECMWF seasonal (grib1 type) very slow				
	FEWS-20033	<labelincludesvalue> not functional in timeSeriesDisplay(thresholdDisplayConfig)				
	FEWS-20459	FEWS-19650 ConfigTest Salto Grande: GEFS grib1 file not imported				
	FEWS-20315	FEWS-19650 WARN on inefficient SQL in report module				
	FEWS-20313	FEWS-19650 Regge test system has errror on report module: 'Illegal argument Prefix string "23" too short: length must be at least 3				
	FEWS-19814	FEWS-19650 <filemenu> Delete LDS option gives error in WC mode				
	FEWS-19816	FEWS-19650 conversion of LDS to 2017.02 gives error				
	FEWS-20244	FEWS-19650 Export_Current: Report Module (Regge Test system Delft) gives errors				
	FEWS-20353	FEWS-19650 IllegalArgumentException while switching tabs in system monitor				

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	FEWS-20050	FEWS-19650 HyFS_OC Import status and other corresponding tabs not showing information				
	FEWS-19740	FEWS-19650 Creating forecaster notes does not work anymore.				
	FEWS-20469	FEWS-19650 MC_SystemAlerter / email notification does not work				
	FEWS-20524	FEWS-19650 Null pointer program error at nl.wldelft.fews.system.shellserver.ForecastingShell.runTask:1096				
	FEWS-20557	Time series with qualifier are not imported anymore for Limburg				
	FEWS-20390	FEWS-19650 SystemMetrics zeurt over liveComponentCount				
	FEWS-19478	Grid display seems to show grids with 100% transparancy				
	FEWS-19653	duplicate row id in index file				
	FEWS-19315	Import from SFTP: Badly formed URL				
	FEWS-20394	TooManyOCsProtector. Only log error/warn for orphan connections created by FEWS				
	FEWS-20499	Illegal argument End time Sun Mar 31 03:00:00 CEST 2019				
	FEWS-20212	FEWS-19650 Error at startup on Deltares virtual windows PC (WCP)				
	FEWS-20427	FEWS-19650 Errors when starting SA without ldb				
	FEWS-19684	FEWS-19650 TimeSeriesImport.Error: error adding import status Error writing import status to database				
	FEWS-19686	FEWS-19650 Some pop-up windows have no borders				
	FEWS-20309	FEWS-19650 NWS: Illegal method call Environment variable LOCALAPPDATA missing				
	FEWS-19683	FEWS-19650 Error messages upon deletion of localDataStore (F12-H)				
	FEWS-19681	FEWS-19650 no libcef in java.library.path				
	FEWS-19682	FEWS-19650 Time stamping in log.txt suddenly changes time zone				
	FEWS-19813	FEWS-19650 Unexpected error just before restart				
	FEWS-19700	FEWS-19650 Not clear how to use the previous tempDir variable.				
	FEWS-20100	FEWS-19650 Negative number for maximum allowed OC connections				
	FEWS-20348	FEWS-19650 TaskRun is terminated after 4 hours even if timeOut is set to 10 h		chaser.gracetime is removed from the MC workflow descriptor time out is now leading and defaults to 4 hours workflow will stop with an error when the time out configured in the general execute activity is longer than the time out configured in the workflow descriptor		
	FEWS-20481	FEWS-19650 Java heap space in transformations				
	FEWS-20475	FEWS-19650 Null pointer Map Layers				
	FEWS-20473	FEWS-19650 Use of temp *.jsa files should become optional in clientconfig.xml, since they make the OC quite large in terms of MBs				
	FEWS-20171	FEWS-19650 java.sql.SQLException: Column 'MCID' is either not in any table in the FROM list or appears within				
	FEWS-19811	FEWS-19650 lnk in start menu is placed in folder FEWS instead of Delft-FEWS				
	FEWS-20051	FEWS-19650 HyFS-SA with firebird LDS taking 17mins to startup with Errors				
	FEWS-19971	FEWS-19650 CreateShortcuts improvements needed				

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	FEWS-19727	FEWS-19650 Dialog for synchlevels too large for 1024x768 pixels				
	FEWS-20088	FEWS-19650 ERROR - ErrorDisplayer.lambda$static$1 - TimeSeriesUtils.mergeNewWithExisting()				
	FEWS-20405	FEWS-19650 Failed to update the status from Initializing to Restarting to use Patched base build due initDataStore				
	FEWS-20076	FEWS-19650 Inconsistent behavior of shortcuts creation menu				
	FEWS-20505	FEWS-19650 Null pointer cancel action encript password				
	FEWS-20187	FEWS-19650 What to do with "WARN - Verification keys and indices exceeded 10 seconds, was 1m 17s"				
	FEWS-20080	FEWS-19650 at SA, after closing and starting again, all runs have disappeared from database lister, forecast manager etc. But data is still there through TSD				
	FEWS-19895	FEWS-19650 "Bad Grib1 record in file ..." error messages on importing Hirlam grib files				
	FEWS-20500	Illegal argument not for 4th check passed at nl.wldelft.fews.system.data.runs.TaskRunDescriptors$1.updateStatus:152				
	FEWS-20457	FEWS-19650 Improve config error message when a GA time out over 4 hours is used and the worfklowDescriptors are not met the 2018.02 requirements				
	FEWS-19840	FEWS-19403 ERROR - .IllegalStateException: minCapacity (26279900) > 20000000				
	FEWS-20573	FEWS-19650 FSS give continuously errors: ERROR - ForecastingShell.onError - Exception No pending task run found within a minute for				
	FEWS-20583	Sqlexception Invalid row detected in table AttributeModifiers, value missing				
	FEWS-20596	FEWS-19650 Task run is never added to the queue when earlier dispatched task run of same task run id is not finished				
	FEWS-20595	FEWS-19650 Task run dispatch time should be set when fss is assigned				
	FEWS-19745	Error when using F12 convert option from unstruc netCDF to shape file	Error when using F12 convert option from unstruc netCDF to shape file. Added nullpointer check and logging.			
	FEWS-19699	Parsing of Error not supported! at nl.wldelft.timeseriesparsers.WaterMlTimeSeriesParser	bugfix: Parsing of Error not supported! at nl.wldelft.timeseriesparsers.WaterMlTimeSeriesParser - added better logging			
	FEWS-20002	FEWS-19650 CMEMS data import (2D and 3D) not working for 2018.02				
	FEWS-19891	FEWS-19650 EATimeSeriesDataExchangeFormat.xsd not found				
	FEWS-20321	It is not allowed to delete rows from synchronized tables directly. The Admin Interface violates this				
	FEWS-19918	FEWS-19650 Deleting users with access key fails.	deleting users with access keys failed due to foreign key constraint	deleting users with access keys failed due to foreign key constraint. Access key needed to be deleted first.		
	FEWS-19916	FEWS-19650 Exception when logging in with unknown user name.	error if user tried to login when no access key was set yet	Error if user tried to login when no access key was set yet		
	FEWS-20346	FEWS-19650 Admin Interface: cannot upload and view action config		Empty description only failed on Oracle.		
	FEWS-20296	FEWS-19650 Edit page of FSS groups has been broken				
	FEWS-19875	FEWS-19650 Maintenance Mode not detected by Admin Interface	User is redirected to maintenance mode page if enabled	User is redirected to maintenance mode page if maintenance mode is enabled		