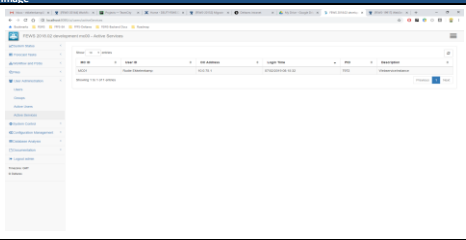
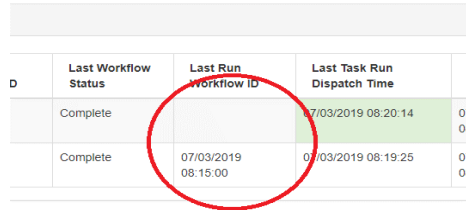
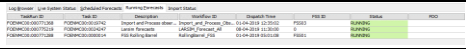
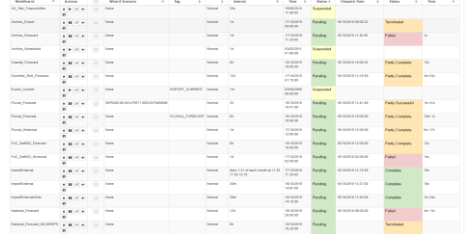
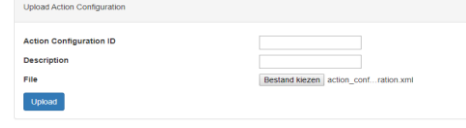
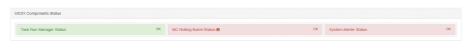
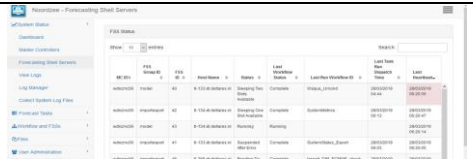
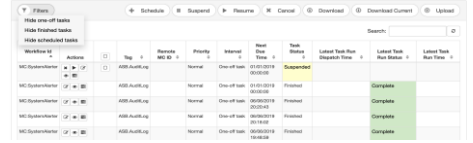
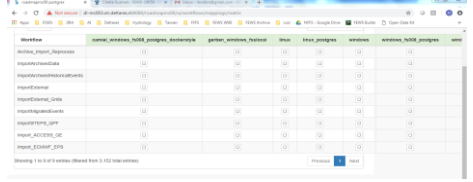

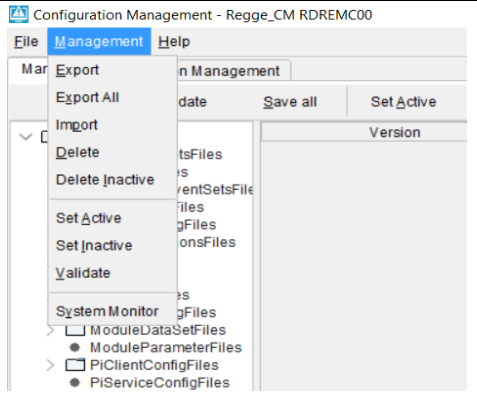


Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
App - Admin Web User Interface	<a href="#">FEWS-19917</a>	FEWS-19650 WebService session doesn't show up in active services list of Admin Interface					
App - Admin Web User Interface	<a href="#">FEWS-20328</a>	AI Dashboard - FSS status workflow ID column shows date/time					
App - Admin Web User Interface	<a href="#">FEWS-20189</a>	FEWS-19650 DatabaseTableSpaceTrendAnalyser logs error about ProductInfo table					
App - Admin Web User Interface	<a href="#">FEWS-20568</a>	FEWS-19650 FOEN-OC: Old runnig tasks can not be deleted from AI					
App - Admin Web User Interface	<a href="#">FEWS-21588</a>	FEWS-19650 NA Beta NWS FB 111 Correct status and colors in the AI	last task run status did not always match the status in the taskruns overview of a workflow	The last task run status of the status page did not always match the status in the taskruns overview of a workflow	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Dashboard">https://publicwiki.deltares.nl/display/FEWSDOC/Dashboard</a>		
App - Admin Web User Interface	<a href="#">FEWS-21382</a>	FEWS-19650 AI system status does not show FSS errors, since that FSS is down and not active anymore.	system status shows FSSs that are down.	The system status page shows FSSs that are down as well. Using the fss page, it is possible to acknowledge that a FSS is down. In that case the FSS will no longer appear on the system status page.	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Dashboard#Dashboard-ForecastingShellServersStatus">https://publicwiki.deltares.nl/display/FEWSDOC/Dashboard#Dashboard-ForecastingShellServersStatus</a>		
App - Admin Web User Interface	<a href="#">FEWS-21644</a>	Workflow mappings deleted	deletion of workflow to fss group mapping error	deletion of workflow to fss group mapping removed all mappings of the workflow.			
App - Admin Web User Interface	<a href="#">FEWS-21754</a>	FEWS-19650 Download of Action Configurations is broken.	Download of action configurations	Download of action configurations used a hardcoded link.	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Event+and+event+actions">https://publicwiki.deltares.nl/display/FEWSDOC/Event+and+event+actions</a>		
App - Admin Web User Interface	<a href="#">FEWS-21748</a>	FEWS-19650 upload of action configuration without an id is possible	action id is required with upload	Action id is required with upload	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Event+and+event+actions">https://publicwiki.deltares.nl/display/FEWSDOC/Event+and+event+actions</a>		
App - Admin Web User Interface	<a href="#">FEWS-21740</a>	FEWS-19650 javascript error if no config manager patch was uploaded.	javascript error on config management patch page if no patch was uploaded	If no patch was uploaded yet, a javascript error was displayed on the admin interface page where a patch can be uploaded.	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Delft-FEWS+Admin+Interface+-+Software+Management#Delft-FEWSAdminInterface-SoftwareManagement-UploadConfigManagementPatch">https://publicwiki.deltares.nl/display/FEWSDOC/Delft-FEWS+Admin+Interface+-+Software+Management#Delft-FEWSAdminInterface-SoftwareManagement-UploadConfigManagementPatch</a>		
App - Admin Web User Interface	<a href="#">FEWS-21735</a>	FEWS-19650 Upload of basebuild shows complete path on IE	basebuild upload in IE will now also display basebuild file name only	basebuild upload in IE will now also display basebuild file name only	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Delft-FEWS+Admin+Interface+-+Software+Management#Delft-FEWSAdminInterface-SoftwareManagement-UploadBasebuild">https://publicwiki.deltares.nl/display/FEWSDOC/Delft-FEWS+Admin+Interface+-+Software+Management#Delft-FEWSAdminInterface-SoftwareManagement-UploadBasebuild</a>		
App - Admin Web User Interface	<a href="#">FEWS-21831</a>	FEWS-21449 MC Components Status stays red after restoring, but status is OK	mc status color	mc status color was not adjusted when still on status page and mc changed from failing to ok.	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Admin+interface+User+Guide+version+2018.02+and+later">https://publicwiki.deltares.nl/display/FEWSDOC/Admin+interface+User+Guide+version+2018.02+and+later</a>		
App - Admin Web User Interface	<a href="#">FEWS-21784</a>	Admin Interface Master Controllers page too slow with many FSS's.	improved performance of the admin interface master controllers page	improved performance of the admin interface master controllers page	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Master+Controllers">https://publicwiki.deltares.nl/display/FEWSDOC/Master+Controllers</a>		
App - Admin Web User Interface	<a href="#">FEWS-21769</a>	FEWS-19650 admin interface uploads should check if file was entered.	When uploading a file a client side check is done if a file was selected	When uploading a file a client side check is done if a file was selected	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Admin+interface+User+Guide+version+2018.02+and+later">https://publicwiki.deltares.nl/display/FEWSDOC/Admin+interface+User+Guide+version+2018.02+and+later</a>		

Delft-FEWS 2019.02 Solved Bugs							
Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
App - Admin Web User Interface	<a href="#">FEWS-21891</a>	FEWS-21449 AI: java.lang.NumberFormatException when putting in an exceptional large value for task schedule interval	task schedule interval shouldn't accept too large numbers	The input of the schedule intervals are now limited to 8 numbers which will allow them to be stored as an integer. So the maximum value that can be entered is 99999999	<a href="https://publicwiki.deltatres.nl/display/FEWSDOC/Scheduled+Tasks+-+New+Task">https://publicwiki.deltatres.nl/display/FEWSDOC/Scheduled+Tasks+-+New+Task</a>		
App - Admin Web User Interface	<a href="#">FEWS-20735</a>	FEWS-19650 Response Status: 400 (Bad Request) BindException - Field error in object 'fssGroupId' on field 'readyCount'	readyCount field is required now.	readyCount field is required now.			
App - Admin Web User Interface	<a href="#">FEWS-20545</a>	FEWS-19650 FSS Groups not displayed with empty description					
App - Admin Web User Interface	<a href="#">FEWS-20492</a>	FSS status page shows red color on heartbeat column					
App - Admin Web User Interface	<a href="#">FEWS-20337</a>	FEWS-19650 AI allows setting a task to 'approve' even when the workflow has 'allowApprove' set to false					
App - Admin Web User Interface	<a href="#">FEWS-21051</a>	FEWS-18050 create a link to archive server from the admin interface			<a href="https://publicwiki.deltatres.nl/display/FEWSDOC/Delft-FEWS+Admin+Interface+-+Open+Archive">https://publicwiki.deltatres.nl/display/FEWSDOC/Delft-FEWS+Admin+Interface+-+Open+Archive</a>		
App - Admin Web User Interface	<a href="#">FEWS-21034</a>	OC Session Table insert fails in Admin Interface					
App - Admin Web User Interface	<a href="#">FEWS-21026</a>	set Defaults of EventActionConfigurations fails on MSSQL					
App - Admin Web User Interface	<a href="#">FEWS-20997</a>	FEWS-19650 Cannot edit task					
App - Admin Web User Interface	<a href="#">FEWS-20966</a>	FEWS-19650 Main menu opens default page only if exactly clicked on text					
App - Admin Web User Interface	<a href="#">FEWS-20958</a>	FEWS-18050 Scheduled tasks page should allow filtering on finished and scheduled tasks.					
App - Admin Web User Interface	<a href="#">FEWS-20870</a>	FEWS-19650 FOEN-AI: Time Series overview of Database Analysis must show all records	Fixes paging.	paging wasn't implemented correctly. Use client side filtering and sorting as is done with other components as well.			
App - Admin Web User Interface	<a href="#">FEWS-20869</a>	FEWS-19650 FOEN-AI: Maximum Expiry Duration of warm states must be in days					
App - Admin Web User Interface	<a href="#">FEWS-20865</a>	FEWS-19650 Assign group to user popup should open to top					
App - Admin Web User Interface	<a href="#">FEWS-20797</a>	Test button of event action mappings does not always work	Error handling improved of test event actions	Error handling improved of test event actions			
App - Admin Web User Interface	<a href="#">FEWS-20749</a>	FEWS-19650 Deleted users in Admin interface are synchronized back					
App - Admin Web User Interface	<a href="#">FEWS-20209</a>	FEWS-19650 HyFS AI: Mappen van workflows naar FSS groups werkt niet					
App - Admin Web User Interface	<a href="#">FEWS-20598</a>	FEWS-19650 FOEN-AI: Download and Upload of Action Events does not work correctly					
App - Admin Web User Interface	<a href="#">FEWS-20591</a>	FEWS-19650 FOEN-AI: Tag is not shown in AI when Hide on-off tasks is enabled					
App - Admin Web User Interface	<a href="#">FEWS-20666</a>	Improve spacing of rows in admin interface					
App - Admin Web User Interface, App - Archive	<a href="#">FEWS-20680</a>	apache2 proxy for archive and admin interface config tuning					
App - Admin Web User Interface	<a href="#">FEWS-20296</a>	FEWS-19650 Edit page of FSS groups has been broken					
App - Admin Web User Interface	<a href="#">FEWS-20792</a>	FEWS-19650 Scheduled Forecast radio buttons don't work correctly when using label					
App - Admin Web User Interface	<a href="#">FEWS-21036</a>	FSS Groups mapping not respected when only explicit mappings are used					
App - Admin Web User Interface	<a href="#">FEWS-21135</a>	Upload Action Events fails for large user ids.					
App - Admin Web User Interface	<a href="#">FEWS-21116</a>	Parallel run option not working correctly					
App - Admin Web User Interface	<a href="#">FEWS-21057</a>	send by email sometimes fails copying the access key in Edge					
App - Admin Web User Interface	<a href="#">FEWS-20971</a>	FEWS-19650 when clicking the hide menu in the admin interface, the tables should be re-rendered					
App - Admin Web User Interface	<a href="#">FEWS-20935</a>	admin interface shows deleted users in group members					

**Delft-FEWS 2019.02 Solved Bugs**

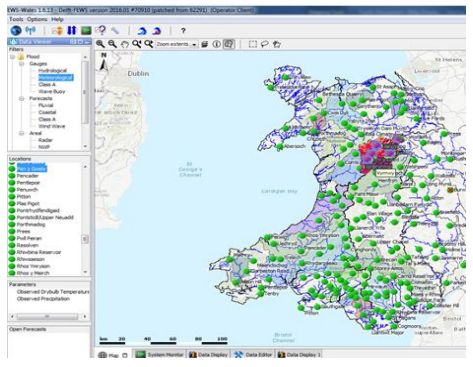
Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
App - Archive	<a href="#">FEWS-21884</a>	FEWS-21449 Various issues around installation of delatares-archive-server					
App - Archive	<a href="#">FEWS-21799</a>	Do not query the archive if the data period is smaller than a day					
App - Archive	<a href="#">FEWS-21798</a>	Slow elastic queries should be logged					
App - Archive	<a href="#">FEWS-21019</a>	Elastic Search TooManyClauses: maxClauseCount is set to 1024					
App - Archive	<a href="#">FEWS-20919</a>	Deltares Archive Server Null pointer on catalogue status page					
App - Archive	<a href="#">FEWS-20895</a>	FEWS-19650 archive server: task history blijft leeg					
App - Archive	<a href="#">FEWS-21110</a>	Archive: when archive is not available at the supplied URL, F55s refuse to do anything					
App - Archive	<a href="#">FEWS-21107</a>	FEWS-19650 FFFS Archive: Incremental Harvester werkt niet goed, dubbele records					
App - Archive	<a href="#">FEWS-20252</a>	FEWS-12245 Unable to access external forecasts in archive					
App - Archive	<a href="#">FEWS-21968</a>	FEWS-19650 Archive Server fails on tomcat 9.0.29	archive server is not supported on tomcat 9.0.29	archive server is not supported on tomcat 9.0.29. There is a known bug in this tomcat version and has been reported to their issue tracker.  The bug will probably be fixed in tomcat 9.0.30.	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/The+deltares+OpenArchive+%282017.01+and+newer%29+-+installation">https://publicwiki.deltares.nl/display/FEWSDOC/The+deltares+OpenArchive+%282017.01+and+newer%29+-+installation</a>		
App - Configuration Manager Gui	<a href="#">FEWS-21853</a>	FEWS-21449 CM menu items layout should be same as the OC					
App - Configuration Manager Gui	<a href="#">FEWS-21878</a>	FEWS-21449 IMFS-CM: Deletion of inactive config is not very clear					
App - Configuration Manager Gui	<a href="#">FEWS-21537</a>	FFFS CM error due to multiple connections within 1 thread					
App - Configuration Manager Gui	<a href="#">FEWS-21738</a>	FEWS-21449 Configuration manager Import window does not adjust to screen size					
App - Configuration Manager Gui	<a href="#">FEWS-21484</a>	FEWS-19650 CM complaints on not matching MC id					
App - Configuration Manager Gui	<a href="#">FEWS-21816</a>	FEWS-21449 IMFS-CM: Many errors when opening System Monitor in Config Manager					
App - Configuration Manager Gui	<a href="#">FEWS-19963</a>	FEWS-19650 Buttons Config Manager messed up					
App - Configuration Manager Gui	<a href="#">FEWS-20552</a>	FEWS-19650 CM error when "Save All" after setting inactive and deleting uncommitted config					
App - Configuration Manager Gui	<a href="#">FEWS-20192</a>	FEWS-19650 HyFS-CM: Config Manager wil Archief opstarten en geeft error melding					
App - Configuration Manager Gui	<a href="#">FEWS-20184</a>	FEWS-19650 FFFS: Config Manager does not close if database is not connected					
App - Configuration Manager Gui	<a href="#">FEWS-20178</a>	Pad in shortcut ConfigManager					
App - Configuration Manager Gui	<a href="#">FEWS-20417</a>	FEWS-19650 FFFS-CM: Config manager gives incorrect message that Key DEFAULT_EXPIRY_DAYS not defined in global.properties					
App - Configuration Manager Gui	<a href="#">FEWS-20464</a>	FEWS-19650 CM does not close properly					
App - Configuration Manager Gui	<a href="#">FEWS-20574</a>	FEWS-19650 CM "select all" and "select none" should be buttons instead of hyperlink text					
App - Configuration Manager Gui, App - Master Controller Server	<a href="#">FEWS-20603</a>	FEWS-18469 task partitioning should be updated when workflow changes from sequential to parallel execution					
App - Data Import Module (DIM)	<a href="#">FEWS-20289</a>	wml2 import: set warnings of wml-exceptions and proxy error to debug			<a href="https://publicwiki.deltares.nl/display/FEWSDOC/import+Module+configuration+options#ImportModuleconfigurationoptions-LogErrorsAsWarningsandLogErrorsAsWarningsToFileOnly">https://publicwiki.deltares.nl/display/FEWSDOC/import+Module+configuration+options#ImportModuleconfigurationoptions-LogErrorsAsWarningsandLogErrorsAsWarningsToFileOnly</a>		
App - Delft-FEWS	<a href="#">FEWS-19785</a>	FEWS-19536 Waternet: config update werkt niet meer in 2017-02					<a href="https://publicwiki.deltares.nl/display/FEWSDOC/3d+Co+nfign+Update+Module">https://publicwiki.deltares.nl/display/FEWSDOC/3d+Co+nfign+Update+Module</a>
App - Delft-FEWS	<a href="#">FEWS-21229</a>	FEWS-9553 NFFS (INC0367369): colours of new ensemble members in graphs are black					
App - Forecasting Shell Server	<a href="#">FEWS-21760</a>	FEWS-21449 Batch update ORA-01438: value larger than specified precision allowed for this column					



# Delft-FEWS 2019.02 Solved Bugs

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
App - Forecasting Shell Server	<a href="#">FEWS-21564</a>	FEWS-19650 NA Beta NWS FB 105 FSS Int Ids and Logging					
App - Forecasting Shell Server	<a href="#">FEWS-21650</a>	FEWS-21449 heartbeat update error RWSOS-Waterverdeling MasterController:stable_2018.02 (88248)					
App - Forecasting Shell Server	<a href="#">FEWS-21737</a>	FEWS-21449 FSS task run onduidelijke error					
App - Forecasting Shell Server	<a href="#">FEWS-21783</a>	FEWS-21449 Many messages on: "Exception No pending task run found within a minute for ..."					
App - Forecasting Shell Server	<a href="#">FEWS-21691</a>	FEWS-21449 FSS stops working when the MC ID of the central database is changed					
App - Forecasting Shell Server	<a href="#">FEWS-21685</a>	FSS stops working when the MC ID of the central database is changed					
App - Forecasting Shell Server	<a href="#">FEWS-20541</a>	FEWS-19650 Exception No pending task run found within a minute for 520					
App - Forecasting Shell Server	<a href="#">FEWS-20618</a>	FEWS-19650 FOEN-OC: Parallele workflows werken niet meer op FSS, tijdreeksen zijn leeg					
App - Forecasting Shell Server	<a href="#">FEWS-20596</a>	FEWS-19650 Task run is never added to the queue when earlier dispatched task run of same task run id is not finished					
App - Forecasting Shell Server	<a href="#">FEWS-20595</a>	FEWS-19650 Task run dispatch time should be set when fss is assigned					
App - Forecasting Shell Server, System - Workflow	<a href="#">FEWS-20594</a>	FEWS-19650 Parallel partitioned workflows full table scan on task run table every 3 seconds					
App - Forecasting Shell Server	<a href="#">FEWS-21763</a>	FEWS-21449 Killing WIVBApiServerParser on FSS through AI gives error	split read and connection timeout	The connection timeout has been split up into a connect and read timeout.  A connection should be completed before 10 seconds.  The timeout of a read defaults to 60 seconds, but can be increased using the import configuration.	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/WIVB">https://publicwiki.deltares.nl/display/FEWSDOC/WIVB</a>		
App - Forecasting Shell Server	<a href="#">FEWS-20542</a>	FEWS-19650 It takes about 10 minutes before an FSS receives a heartbeat after restart					
App - JDBC driver	<a href="#">FEWS-21693</a>	Class com.microsoft.sqlserver.jdbc.SQLServerDriver not found in class path					
App - Launcher Gui	<a href="#">FEWS-19965</a>	FEWS-19650 Launcher not working anymore			<a href="https://publicwiki.deltares.nl/display/FEWSDOC/01+Launching+Delft+FEWS">https://publicwiki.deltares.nl/display/FEWSDOC/01+Launching+Delft+FEWS</a>		
App - Master Controller Server, Database	<a href="#">FEWS-21859</a>	Suspend the deleted rows processor while synchronization is searching for missed rows					
App - Master Controller Server	<a href="#">FEWS-20176</a>	data update script postgres					
App - Master Controller Server	<a href="#">FEWS-20223</a>	FEWS-19650 HyFS-MC: DeletedRowsTable.Error The stream is closed					
App - Master Controller Server	<a href="#">FEWS-20420</a>	FEWS-20333 improve tomcat boot/watcher script (tomcat_init_*.sh)					
App - Master Controller Server	<a href="#">FEWS-20174</a>	Scheduling task on explicit group is still run on other group					
App - Master Controller Server	<a href="#">FEWS-20248</a>	FEWS-17521 NRW: The Export_Current workflow is triggered on both Duty and Standby					
App - Master Controller Server, System - Logging	<a href="#">FEWS-21083</a>	FEWS-9861 NWS: #65302 ERROR: deadlock detected					
App - Master Controller Server	<a href="#">FEWS-21627</a>	FEWS-21449 scheduling: next due time wordt niet automatisch ververst als due time in verleden ligt					
App - Master Controller Server	<a href="#">FEWS-20556</a>	FEWS-19650 FOEN-OC: Parallel workflow is marked as terminated, even if it runs without errors					
App - Master Controller Server	<a href="#">FEWS-20190</a>	FEWS-19650 HyFS-DEV: Mc-Mc synchronisatie geeft errors					
App - Master Controller Server	<a href="#">FEWS-20630</a>	FEWS-19650 FOEN-MC: TO of scheduled taskrun has very strange date TO 292278994-08-16 22:12:55					
App - Master Controller Server	<a href="#">FEWS-21700</a>	Error starting MC under Linux (connect to SysLog)	syslogger is not connected unless explicitly configured	syslogger is not connected unless explicitly configured	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Delft+FEWS+Installation+-+Configure+MasterController+application+-+2017.02+and+later">https://publicwiki.deltares.nl/display/FEWSDOC/Delft+FEWS+Installation+-+Configure+MasterController+application+-+2017.02+and+later</a>		
App - Master Controller Server	<a href="#">FEWS-20419</a>	FEWS-20333 remove mcproxy from MC-build	cleaned up mcproxy artifacts in mc distribution	cleaned up mcproxy artifacts in mc distribution			
App - Operator Client Gui (Explorer), Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-21667</a>	FEWS-21449 Unused IFD exclamation icon, what is it for?					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21610</a>	FEWS-21449 File browser looks ugly ....					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21597</a>	FEWS-21449 height of the rows in samples parameter list is not correct					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21576</a>	FEWS-21449 look and feel for dashboards drop-down menu					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21839</a>	FEWS-21449 icon for log panel is too large, in comparison to other panel icons					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21324</a>	FEWS-19650 NA Beta NWS FB 42 Increasing Font Size causes modifier window display problems LINUX ONLY					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21318</a>	FEWS-19650 NA Beta BPA Hermes: FB39 Custom Color Scheme no + -					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21649</a>	FEWS-21449 Delft-FEWS Explorer: dropdown box (Selections) too large					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21683</a>	FEWS-21449 Some layout fixes					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-19793</a>	FEWS-19650 custom location selection tool works not when other filters are selected					



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20105</a>	FEWS-19650 When using custom color scheme, still the modern w10 layout should be used					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-19984</a>	FEWS-19650 HyFS: List with Debug menu options under E12 is too long					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20017</a>	Default color schemes for user groups no longer work					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-19705</a>	FEWS-17521 NRW: Select by Map Item function doesn't allow selection of locations on map					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-19704</a>	FEWS-17521 NRW: Tooltips are not generated on the map					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21058</a>	After un-docking a window, text input controls stop working					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20247</a>	FEWS-19650 changing from one to another (or default) color scheme does not work anymore					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21128</a>	FEWS-19650 Using Openstreetmap, WMS mapping etc hangs the OC					
App - Operator Client Gui (Explorer), System - PI Service	<a href="#">FEWS-21326</a>	FewsEnvironmentShell (Old NWS PI Service) broken					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21880</a>	Illegal argument End time Sat Jul 25 09:00:01 GMT-3 2020 not valid according to hora					
App - Operator Client Gui (Explorer), Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-21148</a>	FEWS-19650 NA Alpha NWS: Selection of topology node in OC causes illegal argument endTime error					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20463</a>	FEWS-19650 Ensemble plot in Data Viewer has color and legend item per member					
App - Operator Client Gui (Explorer), Configuration	<a href="#">FEWS-20723</a>	FEWS-9688 Qualifier panel not properly populated					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20645</a>	FEWS-19650 FFFS-OC: Permissions werken niet goed voor Data Viewer, data lijkt niet aanwezig					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20914</a>	FEWS-19373 The main window menu sometimes disappears behind the web browser display					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20465</a>	FEWS-19650 DisplayGroup filtering on moduleinstanceId broken					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21845</a>	FEWS-21449 JavaClassArchiveDumper ERROR message at startup					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21813</a>	Illegal thread state on shutdown OC/SA					
App - Operator Client Gui (Explorer), Plugin - Gui - Map	<a href="#">FEWS-21617</a>	FEWS-21449 map icons are drawn with black background instead of transparent					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21702</a>	FEWS-21449 Caused error by addition of locationHistoryBarRelativePeriod					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20130</a>	FEWS-19650 FFFS: Azure OC has warning WARN - Can not reopen cache file:rowCacheFile.length() < rowCacheSize when started					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20476</a>	FEWS-19650 HyFS-OC: Operator client can not be closed when connection with MC is broken					
App - Operator Client Gui (Explorer), System - Rootconfiguration and User Settings	<a href="#">FEWS-21068</a>	OC-LDS: old rootConfigFiles should not be synched to the lds					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20956</a>	FEWS-19650 FFFS-OC: Permissions werken niet goed voor alle gebruikers					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20912</a>	FEWS-19650 FFFS-OC: Save Layout werkt niet op OC					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20837</a>	FEWS-19650 FEWS hangs sometimes on closing the OC					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-20580</a>	FEWS-19650 FFFS_SA: Error in qualifiers in Filter. Class cast class nl.wideft.fews.system.data.config.region.IdSequence					
App - Operator Client Gui (Explorer), Plugin - Module - Data Import	<a href="#">FEWS-21596</a>	FEWS-21449 Temporary import without config: temporary filter shows too many locations					
App - Operator Client Gui (Explorer)	<a href="#">FEWS-19750</a>	FEWS-17521 The documents panel partially obscures the map layer control	The documents panel no longer obscures partially the map layer control				



# Delft-FEWS 2019.02 Solved Bugs

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
App - Operator Client Gui (Explorer)	<a href="#">FEWS-21475</a>	FEWS-21449 Nullpointer in html tooltip due to jdk11.0.4	Nullpointer if images in tooltip are not on filesystem	In JRE 11.0.4 has a bug that causes a Nullpointer if images in tooltip are not on filesystem. The bug will be fixed in the 11.0.5 release. For 11.0.04 the error is suppressed. The tooltip will still work if the image files if available. If the images are not available, not tooltip is displayed at all now.	<a href="https://bugs.openjdk.java.net/browse/JDK-8222802">https://bugs.openjdk.java.net/browse/JDK-8222802</a>		
Configuration	<a href="#">FEWS-20488</a>	ModuleConfigQuickScanner does not recognise ignoreNonExistingLocationSets					
Configuration	<a href="#">FEWS-21240</a>	FEWS-18050 ModuleConfigQuickScanner gives an unnecessary error on the attribute order of workflow properties					
Configuration, System - Synchronisation	<a href="#">FEWS-20245</a>	FEWS-10616 TVA: Problems with configuration, synching, and running tasks on Dev system					
Configuration	<a href="#">FEWS-19787</a>	Allow setting time unit with tags (for templates)					
Database	<a href="#">FEWS-19827</a>	FEWS-19650 Rollingbarrel errors on start up of 2018.02 version					
Database	<a href="#">FEWS-19989</a>	FEWS-19650 HyFS-SA: FK_FEWSSESSIONS error in Rolling Barrel					
Database	<a href="#">FEWS-20917</a>	FEWS-18050 FFFS-OC: SQL Error for product info records when replicate database					
Database	<a href="#">FEWS-20911</a>	FEWS-19650 FFFS-OC: Na maken spatial modifier krijg ik een error bij herstarten OC					
Database	<a href="#">FEWS-21914</a>	FEWS-19650 DB Init tool 2019.02 does not support 2017.02 database					
Database	<a href="#">FEWS-21817</a>	FEWS-21449 IMFS-FSS: ERROR - ExceptionUtils.close - Batch update Arithmetic overflow error converting tinyint to data type numeric					
Database	<a href="#">FEWS-21814</a>	FEWS-21449 VIEW SERVER STATE permission missing. IMFS-OC: ERROR - TooManyOCsProtector					
Database	<a href="#">FEWS-20512</a>	FFFS-SA en OC: When running the SystemMetrics FEWS crashes					
Database	<a href="#">FEWS-21009</a>	FEWS-19650 SequenceValidator should also work for ForecastingShellIdSequence, FewsWebServicesIdSequence and EntryIdSequence					
Database	<a href="#">FEWS-20214</a>	FEWS-19650 HyFS_FSS: SystemMetrics module geeft heel veel errors					
Database	<a href="#">FEWS-19970</a>	FEWS-19650 Null pointer in EmbeddedDatabase201702UpgradeUtils					
Database	<a href="#">FEWS-19967</a>	FEWS-19650 Error message when converting 20170101 database to 201802					
Database	<a href="#">FEWS-21160</a>	FEWS-19650 fewsessions table has only history of last few days					
Database	<a href="#">FEWS-21889</a>	Violation of PRIMARY KEY constraint 'PK_LogEntries'					
Database	<a href="#">FEWS-20752</a>	FEWS-19650 FFFS-SA: Import old Archives does not work with Derby localdatabase					
Database, Plugin - Gui - System Monitor	<a href="#">FEWS-20396</a>	FEWS-19650 FFFS-OC: Importstatus in System Monitor does not work anymore					
Database	<a href="#">FEWS-21944</a>	Derby LDS SA-OC keeps displaying "connecting"					
Database, Water Coach	<a href="#">FEWS-21570</a>	FEWS-21093 WaterCoach participant can no longer connect to Master localDataStore					
Database	<a href="#">FEWS-21678</a>	FEWS-21449 201902 import fails on postgres: PsqlException Large Objects may not be used in auto-commit mode					
Database	<a href="#">FEWS-21752</a>	FEWS-21449 Database 2019.02   Application not starting with database (CORE01 MSSQL server with localdatabase derby)					
Database	<a href="#">FEWS-21734</a>	log last used sequence in SQL unique constraint error					
Database	<a href="#">FEWS-21502</a>	Reduce memory usage when a non rectangular sub selection of regular grid is stored in a points geometry					
Database	<a href="#">FEWS-21830</a>	FEWS-21449 IMFS-OC: TaskRunDispatcher.Error Exceeded maxRetryCount					
Database	<a href="#">FEWS-21772</a>	Datastore removeDeletedFromMemory optimization does not work					
Database	<a href="#">FEWS-21768</a>	FEWS-21449 Loire SA: Nulpointer when creating ensemble "TimeSeriesBlob.getMemorySize"					
Database	<a href="#">FEWS-20134</a>	FEWS-19650 FFFS-FSS: Database connection reset error					
Database	<a href="#">FEWS-20129</a>	FEWS-19650 FFFS: Warm State can not be stored in database					
Database	<a href="#">FEWS-20167</a>	Too many queries are used when blobs of queried time series don't fit into memory					
Database	<a href="#">FEWS-20290</a>	FEWS-19650 FFFS-SA: Na maken dump localdatastore krijg ik ee naantal errors op stand alone					
Database	<a href="#">FEWS-20280</a>	FEWS-19650 FFFS-OC: Replicate database werkt niet "Null not allowed for 1st check"					
Database	<a href="#">FEWS-20639</a>	FEWS-19650 FFFS-OC: Duplicate index IDX_TimeSeries_id for table TimeSeries on the same columns GLOBALROWID					
Database	<a href="#">FEWS-20569</a>	FEWS-19650 HyFS-OC: Sqlexception Invalid row detected in table AttributeModifiers					



## Delft-FEWS 2019.02 Solved Bugs

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
Debug Tool - Database Viewer	<a href="#">FEWS-21641</a>	FEWS-21449 DatabaseViewer: Sort columns dialog - title is missing					
Debug Tool - Database Viewer	<a href="#">FEWS-19227</a>	Nullpointer when trying to show spectra data in database viewer					
Debug Tool - Workflow Navigator, Plugin - Gui - Time Series	<a href="#">FEWS-21010</a>	FEWS-19650 SSD, WFN: nullpointer when trying to display timeseries					
Debug Tool - Workflow Navigator	<a href="#">FEWS-21167</a>	FEWS-19650 nullpointer bij openen van ensemble tijdsree vanuit WFN					
MCRecoveryTool	<a href="#">FEWS-21673</a>	FEWS-19650 Rollback in MCRecovery still commits changes	mc recovery didn't respect rollback	Since 201802 due to default autocommit on the database, the rollback in the mc recovery tool failed.	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/MCRecoveryTool">https://publicwiki.deltares.nl/display/FEWSDOC/MCRecoveryTool</a>		
Module Adapter - DFlow-FM	<a href="#">FEWS-21514</a>	dflowfm adapter is not updating tim/pli files					
Module Adapter - HEC-HMS	<a href="#">FEWS-20664</a>	FEWS-11441 HEC-HMS: Error for version 4.2.1 and Temperature					
Plugin - Gui - Archive Display	<a href="#">FEWS-20075</a>	FEWS-17521 FB 286 Archive incorrect meta data displayed in SA archive panel					
Plugin - Gui - Archive Display	<a href="#">FEWS-20947</a>	FEWS-19650 EFFF-OC: Archive logging error					
Plugin - Gui - Archive Display	<a href="#">FEWS-20921</a>	FEWS-21449 archive display: create event has slightly different layout than other tabs					
Plugin - Gui - Archive Display	<a href="#">FEWS-20817</a>	FEWS-19650 archive server: catalogue down should be reflected in GUI					
Plugin - Gui - Correlation	<a href="#">FEWS-21406</a>	FFFS: Datum toggle in Correlation display does not work anymore		Graag screen shot laten zien met jou resultaat die wel goed moet zijn. Ik krijg nog steeds geen thresholds te zien als ik de toggle gebruik			
Plugin - Gui - Correlation	<a href="#">FEWS-21372</a>	FEWS-18050 FFFS-SA: New CSV correlations do not work with correlation display					
Plugin - Gui - Dashboard	<a href="#">FEWS-21668</a>	FEWS-21449 Suggest using the same icon for the Dashboard tab as is used to create a dashboard from the grid instead of general deltaxes icon					
Plugin - Gui - Dashboard	<a href="#">FEWS-21751</a>	FEWS-21449 Dashboard display: selection of frame					
Plugin - Gui - Dashboard	<a href="#">FEWS-21749</a>	FEWS-21449 Dashboard display: visual or configured settings of a gridplot					
Plugin - Gui - Dashboard	<a href="#">FEWS-21618</a>	FEWS-21449 Dashboard frames get all the same name and no feature to rename them					
Plugin - Gui - Forecast Manager	<a href="#">FEWS-20560</a>	Forecast Manager - clicked field in selected forecast row has behavior that differs from that of other fields in the selected row.					
Plugin - GUI - Forecast Mix Display	<a href="#">FEWS-21695</a>	FEWS-19650 NA Beta IPC: FB132 ERROR - ForecastMixer illegal argument Long_MIN_VALUE not allowed for 2nd check					
Plugin - Gui - Grid Display	<a href="#">FEWS-20692</a>	FEWS-19650 Various toolbar icons in the spatial display have tooltip "Toon verkleinde ruimtelijke weergave"					
Plugin - Gui - Grid Display	<a href="#">FEWS-21679</a>	FEWS-21449 grid display has several new options which are not relevant. Better to hide these					
Plugin - Gui - Grid Display	<a href="#">FEWS-20910</a>	FEWS-19650 FFFS-SA: When selecting a grid from the database viewer and open spatial display, an error is logged					
Plugin - Gui - Grid Display	<a href="#">FEWS-21698</a>	FEWS-21449 FFFS-SA: Error when accumulating series with ensemble postage stamp open					
Plugin - Gui - Grid Display	<a href="#">FEWS-21289</a>	FEWS-18050 ensemble thumbnails panel opens when aggregation is changed					
Plugin - Gui - Grid Display	<a href="#">FEWS-20104</a>	FEWS-19650 Slider of griddisplay is continuously rescaling due to flexible width of datetime label					
Plugin - Gui - Grid Display	<a href="#">FEWS-20188</a>	FEWS-19650 Hotspot in switching from one to another grid in spatial display. Takes 20 seconds.					
Plugin - Gui - Grid Display	<a href="#">FEWS-20268</a>	Spatial display: arrows based on valueTimeSeriesSet, directionTimeSeriesSet do not show			<a href="https://publicwiki.deltares.nl/display/FEWSDOC/D1+GridDisplay#D1+GridDisplay:directionTimeSeriesSet">https://publicwiki.deltares.nl/display/FEWSDOC/D1+GridDisplay#D1+GridDisplay:directionTimeSeriesSet</a>		
Plugin - Gui - Grid Display	<a href="#">FEWS-20193</a>	FEWS-11613 BFG: Error using EPSG code for grid					
Plugin - Gui - Grid Display	<a href="#">FEWS-21842</a>	FEWS-21449 When using a logo in grid display, not all map layers are drawn					
Plugin - Gui - Grid Display	<a href="#">FEWS-21379</a>	Grid display: ERROR - ErrorDisplayer.lambda\$static\$1 - Array index out of bounds Index 0 out of bounds for length 0					
Plugin - Gui - Grid Display	<a href="#">FEWS-21377</a>	FEWS-9563 Spatial display time label is not correct					
Plugin - Gui - Grid Display	<a href="#">FEWS-21375</a>	FEWS-18050 FFFS: Shape vector layers need to be on top of gridded data in spatial Thumbnails					
Plugin - Gui - Grid Display	<a href="#">FEWS-19804</a>	FEWS-17521 Spatial Thumbnail is showing strange block with no data in top left corner					
Plugin - Gui - Grid Display	<a href="#">FEWS-19261</a>	FEWS-18854 PUB OMS: Error when double click in grid display					
Plugin - GUI - IFD - Dataviewer	<a href="#">FEWS-21643</a>	FEWS-21449 FFFS-SA: Display ID linking to Forecast Tree node does not work anymore					
Plugin - GUI - IFD - Forecaster Help	<a href="#">FEWS-20310</a>	FEWS-19650 ForecasterAiDocumentPanel doesn't display colour PDFs any more					
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-21583</a>	FFFS-SA: Topology does not use properties in moduleinstanceID when checking locations that use modifiers					



# Delft-FEWS 2019.02 Solved Bugs

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-21664</a>	FEWS-21449 FFFS-SA: secondaryWorkflowId element does not work properly in Forecast Tree	The secondary workflow can now also use the task properties from the IFD	By default the secondary workflow runs with the settings configured in the xml file. The settings from the IFD are ignored. An additional config option is added which allows to run the secondary workflow with the properties from the IFD.		Set the following tag <runSecondaryWorkflowWithTaskRunPropertiesFromIFD> to true to let the secondary workflow run with the task properties from the IFD.	
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-20128</a>	FEWS-19650 FFFS: ERROR in ModuleConfigQuickScanner					
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-20504</a>	FEWS-19650 Null pointer error after selection run options in the IFD					
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-20487</a>	FEWS-19650 IFD tooltip is not complete					
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-20285</a>	FEWS-19650 FFFS-SA: Topology rerun doet niet					
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-20222</a>	FEWS-19650 HyFS-OC: Forecast Tree activeert bijna bij elke node de State selection (warm state)					
Plugin - GUI - IFD - Forecasts	<a href="#">FEWS-21357</a>	FFFS: Error loading icons ffdThresholdIconLoader.run					
Plugin - Gui - Longitudinal Profiles	<a href="#">FEWS-20393</a>	FEWS-9707 Langsprofielen zijn 'leeg' in 2017.02					
Plugin - Gui - Longitudinal Profiles	<a href="#">FEWS-19587</a>	Time dependent ChainageLocationSets only have 2 locations with incorrect chainage					
Plugin - Gui - Longitudinal Profiles	<a href="#">FEWS-21629</a>	FEWS-21449 null pointer in longitudinal profile, when requesting timeseries information					
Plugin - Gui - Manual Forecast	<a href="#">FEWS-20527</a>	FEWS-19650 FFFS-OC: Scheduling a task from Manual Forecast sets dispatch incorrectly when using a TO shift					
Plugin - Gui - Manual Forecast	<a href="#">FEWS-21865</a>	FEWS-21449 SA: taak start niet op duplicate task id exceptie					
Plugin - Gui - Manual Forecast	<a href="#">FEWS-21780</a>	FEWS-21449 Loire-SA: Null pointer program error at nl.wideft.fews.system.dispatcher.local.TaskRun.run					
Plugin - Gui - Manual Forecast	<a href="#">FEWS-21665</a>	FEWS-21449 The info button in the Manual forecast display has disappeared					
Plugin - Gui - Map	<a href="#">FEWS-20577</a>	FEWS-19650 FOEN-OC: Null pointer Can not create shape cache					
Plugin - GUI - Sample Viewer	<a href="#">FEWS-19862</a>	FEWS-19650 sample viewer: filtertree and dataviewer interaction can lead to empty sample				p:\delft-fews\Test FEWS Releases\2018.02 Tests\Space for Testers\Functional Component Tests\Samples_&_WaterQuality\FEWS_WaterQuality.zip	
Plugin - GUI - Sample Viewer	<a href="#">FEWS-19861</a>	FEWS-19650 qualifiers/timeseries table: order of timeseries in table shuffles when (un)selecting qualifiers				p:\delft-fews\Test FEWS Releases\2018.02 Tests\Space for Testers\Functional Component Tests\Samples_&_WaterQuality\FEWS_WaterQuality.zip	
Plugin - GUI - Sample Viewer	<a href="#">FEWS-21185</a>	Samples display doesn't show any samples after second startup					
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-21704</a>	FEWS-21449 Schematic Status Display: right mouse click, save as pdf leads to error					
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-21703</a>	FEWS-21449 Schematic Status Display: on OC svg only scales when it's done loading					
Plugin - Gui - Schematic Status Display, Water Coach	<a href="#">FEWS-21622</a>	FEWS-21093 Display time in Schematic Status Display does not use WaterCoach timeshift				An example config and scenario are available here:  P:\11203701-watercoach2019\DevelopmentTesting2019\Example_for_Bart	
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-21822</a>	FEWS-21449 Schematic Status Display: saving as PDF leads to missing centigrade sign					
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-21821</a>	FEWS-21449 Schematic Status Display: saving as PDF INFO messaging is unbalanced					
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-21707</a>	FEWS-21449 Schematic Status Display: replaceTags should show values before TO					
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-21706</a>	FEWS-21449 Schematic Status Display: tooltip "number of seconds to pause before going to the next time step" should be available in Dutch as well					
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-21705</a>	FEWS-21449 Schematic Status Display: should not be able to change "number of seconds to pause before going to the next time step" when time slider is inactive					
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-20640</a>	FEWS-19650 SSD null pointer					
Plugin - Gui - Schematic Status Display, Plugin - Module Reports	<a href="#">FEWS-18595</a>	Exporting scada display as svg leads to incorrect encoding (via report module and via right mouse click)					
Plugin - Gui - Schematic Status Display	<a href="#">FEWS-21820</a>	FEWS-21449 Schematic Status Display: exceptions when loading panels on OC					
Plugin - Gui - System Monitor	<a href="#">FEWS-20220</a>	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	<a href="#">FEWS-20276</a>	FEWS-19650 Log tab in system monitor displays times in GMT instead of the timezone of the client					
Plugin - Gui - System Monitor	<a href="#">FEWS-20961</a>	FEWS-19650 expiry time of datafeed in importstatus is sometimes reset to current time, which makes them to be removed from the list					
Plugin - Gui - System Monitor	<a href="#">FEWS-20923</a>	FEWS-19650 Import status "clear last import" does not work for multiple selection, only first is cleared.					





# Delft-FEWS 2019.02 Solved Bugs

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
Plugin - Gui - System Monitor	<a href="#">FEWS-20922</a>	FEWS-19650 Show full URL in import status of System Monitor in case of webservice					
Plugin - Gui - System Monitor	<a href="#">FEWS-20353</a>	FEWS-19650 IllegalArgumentException while switching tabs in system monitor					
Plugin - Gui - System Monitor	<a href="#">FEWS-20439</a>	FEWS-19650 FFFS-OC: System Monitor verliest bij elke database synch de focus					
Plugin - Gui - System Monitor	<a href="#">FEWS-20608</a>	FEWS-19650 FOEN-OC: Running Forecasts Tab van System Monitor refreshed niet goed					
Plugin - Gui - System Monitor	<a href="#">FEWS-21966</a>	FEWS-21449 IMFS-OC: Show logs in log Browser does not work anymore					
Plugin - Gui - System Monitor	<a href="#">FEWS-21876</a>	FEWS-21449 taskrunid in system monitor is not correct for SA runs					
Plugin - Gui - System Monitor	<a href="#">FEWS-21844</a>	FEWS-21449 system monitor does not show all log messages, as visible in admin interface					
Plugin - Gui - System Monitor	<a href="#">FEWS-20132</a>	FEWS-19650 FFFS: System Monitor hangt heel vaak met Log Browser open					
Plugin - Gui - System Monitor	<a href="#">FEWS-20131</a>	FEWS-19650 FFFS: Build nummer zit niet goed in System Monitor					
Plugin - Gui - System Monitor	<a href="#">FEWS-20173</a>	FEWS-19650 FFFS: In de System Monitor krijg je af en toe rare status informatie					
Plugin - Gui - System Monitor	<a href="#">FEWS-20023</a>	FEWS-19650 FFFS: Error refreshing the system monitor with import status					
Plugin - Gui - System Monitor	<a href="#">FEWS-20210</a>	FEWS-19650 HyFS-OC: System Monitor does not show correct list of running workflows on LINUX					
Plugin - Gui - System Monitor	<a href="#">FEWS-20570</a>	FEWS-19650 HyFS-OC: Mijn FSS heeft status 303. Wat is dat?					
Plugin - Gui - System Monitor	<a href="#">FEWS-21412</a>	FOEN-OC: Ordering of running workflows in system monitor does not work correctly					
Plugin - Gui - System Monitor	<a href="#">FEWS-20211</a>	FEWS-19650 HyFS-OC: System Monitor must show consistent FSS information					
Plugin - Gui - Threshold Display	<a href="#">FEWS-20831</a>	Error when opening ThresholdEventsTable					
Plugin - Gui - Time Series	<a href="#">FEWS-21682</a>	FEWS-21449 space next to table headers should not be white					
Plugin - Gui - Time Series	<a href="#">FEWS-19909</a>	FEWS-17521 TVA: longitudinal profile nullPointer introduced with stable patch #79987					
Plugin - Gui - Time Series	<a href="#">FEWS-19897</a>	FEWS-19650 ERROR - TimeSeriesDialog.loadTimeSeries - true != false for 4th check true != false for 4th check version					
Plugin - Gui - Time Series	<a href="#">FEWS-21096</a>	FEWS-19650 NA Alpha NWS: on-the-fly statistics ERROR - MovingAverageFunction.calculate					
Plugin - Gui - Time Series	<a href="#">FEWS-20015</a>	FEWS-10616 TVA: Ctrl-Z data edit behavior					
Plugin - Gui - Time Series	<a href="#">FEWS-21633</a>	FEWS-21449 statistical option combobox is always visible, even when empty and not relevant. Used to be invisible. But does not even work when needed.....					
Plugin - Gui - Time Series	<a href="#">FEWS-21938</a>	FEWS-21449 When you press the Shift-F4 (goto next plot), you get "Array index out of bounds", if you do so on the last plot					
Plugin - Gui - Time Series	<a href="#">FEWS-21898</a>	Warning icons not displayed for time series with qualifier(s)					
Plugin - Gui - Time Series	<a href="#">FEWS-21574</a>	FEWS-21449 FFFS-OC: Seasonal Thresholds do not work correctly anymore in Time Series Display					
Plugin - Gui - Time Series	<a href="#">FEWS-21397</a>	FEWS-9524 Cyclic time series not written to database for locations with recent start time configured					
Plugin - Gui - Time Series	<a href="#">FEWS-21345</a>	FEWS-19650 NA Beta HERMES FB 47 Aggregate Daily and Weekly buttons behave erratically					
Plugin - Gui - Time Series	<a href="#">FEWS-19882</a>	FEWS-19650 Bug in Category plot: null pointer when <axis>right</axis>					
Plugin - Gui - Time Series	<a href="#">FEWS-19880</a>	FEWS-19650 Bug in Category plot: incorrect colors legend					
Plugin - Gui - Time Series	<a href="#">FEWS-19783</a>	FEWS-19650 1D spectra plot gives nullpointer					
Plugin - Gui - Time Series	<a href="#">FEWS-20170</a>	Combination of normal line and variableLineWidth line in graph should be the other way around					
Plugin - Gui - Time Series, Plugin - Gui - Time Series Visibility	<a href="#">FEWS-20549</a>	FEWS-19650 arrayOutOfBounds error when typo in on the fly expression					
Plugin - Gui - Time Series	<a href="#">FEWS-20477</a>	FEWS-19650 TSD Visibility dialog default too complex with on the fly captions					
Plugin - Gui - Time Series	<a href="#">FEWS-20986</a>	FEWS-19650 NA Alpha NWS: on-the-fly statistics <center value>					
Plugin - Gui - Time Series	<a href="#">FEWS-20985</a>	FEWS-19650 NA Alpha NWS: on-the-fly statistics pulldown options					
Plugin - Gui - Time Series	<a href="#">FEWS-20638</a>	FEWS-19650 FFFS-SA: Labels seasonal thresholds zijn niet altijd goed zichtbaar					
Plugin - Gui - Time Series	<a href="#">FEWS-21601</a>	FEWS-19650 NA Beta BPA Streamflow: FB119 Change in Data Editor					
Plugin - Gui - Time Series	<a href="#">FEWS-21638</a>	FEWS-21449 Bug categoryPlot - Time slider disappears when toggling with splitter orientation					
Plugin - Gui - Time Series	<a href="#">FEWS-21812</a>	FEWS-19650 FFFS-OC: Error when disabling series in displaygroups					
Plugin - Gui - Time Series	<a href="#">FEWS-20372</a>	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	<a href="#">FEWS-21916</a>	ArrayIndexOutOfBounds when turning on line via edit graph properties for 1 equidistant time step					

**Delft-FEWS 2019.02 Solved Bugs**

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
Plugin - Gui - Time Series	<a href="#">FEWS-21834</a>	FEWS-21449 TSD shows Time of Validity menu option, while not relevant	Time of validity position menu option obsolete	Time of validity position menu option is only displayed if time of validity is configured.	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/26.+Validation+Status">https://publicwiki.deltares.nl/display/FEWSDOC/26.+Validation+Status</a>		
Plugin - Gui - Time Series Interval Statistics	<a href="#">FEWS-21606</a>	FEWS-21449 ERROR - ThreadGroup uncaughtException when sorting column in intervalStatistics				see p:\delft-fews\Test\FEWS Releases\2019.02 Tests\Space for Testers\Functional Component Tests\Samples_&_WaterQuality\FEWS_WaterQuality.zip	
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-21963</a>	FEWS-19650 FFFS-SA; Modifier nulpointer "Null pointer program error"					
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-21900</a>	FEWS-21449 references time series sets are not filtered on location					
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-21867</a>	Sacco modifier does not take into account the qualifiers					
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-20898</a>	FEWS-19650 FOEN-OC; Modifiers werken niet goed, verdwijnen af en toe					
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-20602</a>	FEWS-13888 HyFS; Multiselect checkbox in modifiers does not work correctly					
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-20653</a>	FEWS-19650 Removing all modifications from a location attribute mod is not working					
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-20652</a>	FEWS-19650 checkboxes for location attribute modifier are not always working					
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-21598</a>	FEWS-19650 NA Beta TVA: FB93 Missing locations on modifier filter					
Plugin - Gui - Time Series Modifier	<a href="#">FEWS-21874</a>	Nullpointer clicking modifiers HDSR					
Plugin - Gui - Time Series Visibility	<a href="#">FEWS-20747</a>	FEWS-19650 ERROR - ErrorDisplayer.lambda\$static\$1 - class cast class nl.wideft.util.swing.CheckBoxGroupTreeNode cannot be cast to class					
Plugin - Gui - Web Browser Display	<a href="#">FEWS-20644</a>	FEWS-19373 Backward compatibility of JCEF package					
Plugin - Gui - Web Browser Display	<a href="#">FEWS-21648</a>	FEWS-21449 Web browser display: cannot open local pdf files					
Plugin - Gui - What-if Scenario	<a href="#">FEWS-19702</a>	FEWS-17521 NRW: Unable to delete what-if scenarios					
Plugin - Module - Archive	<a href="#">FEWS-21573</a>	FFFS-SA: Archive Export Generates Error "Only scalar modifiers can be exported"					
Plugin - Module - Archive	<a href="#">FEWS-21764</a>	Do not allow module instance id to be null for time series record					
Plugin - Module - Archive	<a href="#">FEWS-20238</a>	don't overwrite the metaData.xml for observed data					
Plugin - Module - Archive	<a href="#">FEWS-19479</a>	FEWS-19387 migration elastic					
Plugin - Module - Archive	<a href="#">FEWS-21797</a>	FEWS-21449 db error after importing data from archive: ThreadGroup.uncaughtException - nl.wideft.fews.system.data.DataStoreException: length -1 < 0 for 1st check illegal argument length -1 < 0 for 1st check passed					
Plugin - Module - Archive	<a href="#">FEWS-20780</a>	FEWS-19650 ArchivelmporRatings: 2007 ratings available, only 1991 imported					
Plugin - Module - Archive	<a href="#">FEWS-20756</a>	FEWS-19650 FFFS-SA: Import of old archive files is very slow					
Plugin - Module - Archive	<a href="#">FEWS-20753</a>	FEWS-19650 FFFS-SA: Import old archive files on Stand Alone gives Errors					
Plugin - Module - Data Export	<a href="#">FEWS-21269</a>	Incorrect standard name in Curvilinear Netcdf grid export					
Plugin - Module - Data Export	<a href="#">FEWS-21386</a>	FEWS-20489 Removal of Exception for Qualifier for Wiski Timeseries Serializer					
Plugin - Module - Data Export	<a href="#">FEWS-21503</a>	Export to WISKI zrxp file serializer (NoeWiskiTimeSeriesSerializer) is not a standard export type					
Plugin - Module - Data Import	<a href="#">FEWS-21626</a>	FEWS-21449 Error when importing data (illegal method call this == NONE)					
Plugin - Module - Data Import	<a href="#">FEWS-20563</a>	FEWS-19650 HySF-SA: Import Surge NetCDF data Index 1 out of bounds for length 2					
Plugin - Module - Data Import	<a href="#">FEWS-12279</a>	FEWS-11753 error about missing qualifiers in import					
Plugin - Module - Data Import	<a href="#">FEWS-10616</a>	TVA: Grib2 import issues when trying to pull from an sftp server					
Plugin - Module - Data Import	<a href="#">FEWS-20544</a>	WIWB import stores NC files in temp dir, even when keepDownloadDataInTempFolder=false					
Plugin - Module - Data Import	<a href="#">FEWS-21186</a>	Import NetCDF GRID ensembles does not work				I have put a standalone in Erik Pelgrim's PB. The import can be tested with workflow 2: <description>Importeer ECMWF-EPS reforecast grids </description>. It will not find the deterministic control product in ./Import/ECMWF-EPS/CF and then try to import the ensemble product from ./Import/ECMWF-EPS.	
Plugin - Module - Data Import	<a href="#">FEWS-20213</a>	FEWS-19650 Importing NetCDF with scalar data results in java heap error				I put the config and Import folder in p:\delft-fews\Support Issues\FEWS-19650\subtask_248\, because I put the config there already for another issue. It occurs when running the first workflow (import IMPREX).	
Plugin - Module - Data Import	<a href="#">FEWS-20721</a>	FEWS-11612 problems with Java import Parser for customer BSH [P1975]					
Plugin - Module - Data Import	<a href="#">FEWS-21609</a>	FEWS-21449 temporary import feature has some strange behaviour					
Plugin - Module - Data Import	<a href="#">FEWS-21483</a>	FEWS-19380 NETCDF-CF_GRID : problems parsing 20190922T12_PRMSL.nc					



# Delft-FEWS 2019.02 Solved Bugs

Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
Plugin - Module - Data Import	<a href="#">FEWS-20557</a>	Time series with qualifier are not imported anymore for Limburg					
Plugin - Module - Data Import	<a href="#">FEWS-20377</a>	HyFS: Unidata NetCDF writes a lot of temp files on local folders and FEWS does not clean this					
Plugin - Module - Data Import	<a href="#">FEWS-21686</a>	FEWS-21449 Errors on importing files with Derby: An attempt was made to get a data value of type 'BLOB' from a data value of type 'BINARY'.					
Plugin - Module - Data Import	<a href="#">FEWS-20102</a>	FEWS-9861 NWS: #56182 of sde import errors					
Plugin - Module - Data Import	<a href="#">FEWS-20995</a>	In case of a large HSAF grid, you cannot use debug mode as that results in heap space issue					
Plugin - Module - Data Import	<a href="#">FEWS-19315</a>	Import from SFTP: Badly formed URL					
Plugin - Module - Data Import	<a href="#">FEWS-21818</a>	FEWS-21449 IMFS-SA: Required property geoCode/valueName is missing in none					
Plugin - Module - Data Import	<a href="#">FEWS-20172</a>	WISKI parser: generalize skipping events with invalid header					
Plugin - Module - FloodPeriods	<a href="#">FEWS-20215</a>	FEWS-19650 HyFS-FSS: Floodperiods module gives error 'Operator does not exist'					
Plugin - Module - General Adapter	<a href="#">FEWS-20116</a>	FEWS-19650 Error when importing data from netCDF					
Plugin - Module - General Adapter	<a href="#">FEWS-20927</a>	FEWS-19650 Error in ExportCustomRunFileActivity on multivalued attributes					
Plugin - Module - Modifiers (ModuleParameters)	<a href="#">FEWS-21847</a>	Null pointer is thrown when the sacco doesn't have a default time		When I remove the defaultTime from the config of the compound modifier (SACCO) then I get a null pointer			
Plugin - Module - Modifiers (ModuleParameters)	<a href="#">FEWS-20206</a>	FEWS-19650 HyFS-OC: Modifier nulpointer error when adding location attribute modifier					
Plugin - Module - Modifiers (TimeSeries)	<a href="#">FEWS-21848</a>	option useLongName is not supported for the compound modifier					
Plugin - Module - Modifiers (TimeSeries), System - PI Service	<a href="#">FEWS-20660</a>	FEWS-16132 When importing modifiers with the PI Service, enabled tag not imported correctly					
Plugin - Module - Reports	<a href="#">FEWS-20379</a>	FEWS-19650 Can not create D:\FEWS\fs1\temp\session\sobek\fs115229695245079731454.avi IOException Bogus input cdimage					
Plugin - Module - Reports	<a href="#">FEWS-20315</a>	FEWS-19650 WARN on inefficient SQL in report module					
Plugin - Module - Reports	<a href="#">FEWS-20207</a>	FEWS-19650 HyFS-FSS: Report Error "Illegal method call User settings not successfully initialised yet"					
Plugin - Module - Reports	<a href="#">FEWS-21253</a>	FEWS-13888 HYFS: %TIME_ZERO% produces IllegalArgumentException MIN_VALUE not allowed					
Plugin - Module - Secondary Validation	<a href="#">FEWS-21353</a>	Unexpected behaviour secondary validation spatial homogeneity			<a href="https://publicwiki.deltares.nl/display/FEWSDOC/SpatialHomogeneityCheck">https://publicwiki.deltares.nl/display/FEWSDOC/SpatialHomogeneityCheck</a>		
Plugin - Module - Spatial Modifiers, System - Workflow	<a href="#">FEWS-20918</a>	Error when running workflow with spatial modifiers					
Plugin - Module - Statistics	<a href="#">FEWS-19865</a>	FEWS-19650 Difference plot reference refresh issue.					
Plugin - Module - Thresholds, System - Logging	<a href="#">FEWS-20159</a>	FEWS-19650 ThresholdEventLogging not consistent with 2017.02 and 2017.01					
Plugin - Module - Transformation	<a href="#">FEWS-21049</a>	FEWS-18050 FFFS: issue with Multiple Linear Regression transformation					
Plugin - Module - Transformation	<a href="#">FEWS-20701</a>	FEWS-19650 FEWS Meren: Transformation Module: Condition in if operator must be double or complexError during evaluation					
Plugin - Module - Transformation	<a href="#">FEWS-20586</a>	FEWS-19650 FOEN-FSS: Heapspace in transformatie module					
Plugin - Module - Transformation	<a href="#">FEWS-20481</a>	FEWS-19650 Java heap space in transformations					
Plugin - Module - Transformation	<a href="#">FEWS-20707</a>	FEWS-19650 Statistics Transformation Set processing Ensemble showing error					
System	<a href="#">FEWS-21868</a>	FEWS-21449 CreateShortCuts opens weird					
System	<a href="#">FEWS-21654</a>	Startup FEWS is delayed with 10 seconds when VirtualBox is installed					
System, System - Logging	<a href="#">FEWS-21742</a>	FEWS-21449 Prefix message with Config.Error when password is not encrypted in clientConfig					
System	<a href="#">FEWS-21771</a>	Null pointer in NativeProcess					
System	<a href="#">FEWS-21708</a>	FEWS-21449 OC/SA: does not boot with patch > 88873					
System	<a href="#">FEWS-20394</a>	TooManyDCsProtector: Only log error/warn for orphan connections created by FEWS					
System - Logging	<a href="#">FEWS-21625</a>	FEWS-21449 Error file not found: launcher.jsa.tmp					
System - Logging	<a href="#">FEWS-20553</a>	FEWS-19650 FOEN-OC: parallel workflow fails with Error because of constraint logentries					
System - Logging	<a href="#">FEWS-20384</a>	FEWS-19650 FFFS-SA: Inefficient SQL					
System - Logging	<a href="#">FEWS-21490</a>	FEWS-21449 Make INFO message on sequence or parallel running of workflows a DEBUG message					
System - Logging	<a href="#">FEWS-20715</a>	Typo in "Number of timeseries in database" error message					
System - Logging, System - PI Service	<a href="#">FEWS-20700</a>	FEWS-18050 log4j error on EA PI Service					
System - PI Service	<a href="#">FEWS-19759</a>	FEWS-17521 FB 279 BPA Streamflow PI Service and Archive Connection					



Component/s	Key	Summary	Release Note Text	Release Note Text Description	Link to Documentation	Config Example	Image
System - PI Service	<a href="#">FEWS-20673</a>	FEWS-14730 wmslayer shows as black layer; need to be able to set Styles=ndwi (R_306)	Add support for wms version 1.3.0	A WMS server supports getting its wms layers through a specific API version. The url formatting used by FEWS assumed that the server supports WMS version 1.1.1, it would always format its server request according to this version. To be able to add WMS layers of WMS servers which do not support this version, but do support version 1.3.0, a config option to specify the wms version, and support for version 1.3.0, was added to FEWS.		<pre>[code:xml] &lt;gridPlot id="Test Sentinel WMS"&gt;   &lt;wmsLayer&gt;     &lt;url&gt;https://ows.services.dea.ga.gov.au?/&lt;/url&gt;     &lt;wmsVersion&gt;1.3.0&lt;/wmsVersion&gt;     &lt;wmsLayerName&gt;2b_nrt_granule_nbar_t&lt;/wmsLayerName&gt;     &lt;imageFormat&gt;png&lt;/imageFormat&gt;     &lt;vendorParameter name="Styles" value="ndwi"/&gt;     &lt;dateParameter name="time" format="yyyy-MM-dd" timeZone="GMT"/&gt;     &lt;timeStep unit="day" multiplier="1" timeZone="GMT"/&gt;     &lt;relativeViewPeriod start="-14" end="-1" unit="day"/&gt;   &lt;/wmsLayer&gt; &lt;/gridPlot&gt; [code]</pre>	
System - PI Service	<a href="#">FEWS-21907</a>	FEWS-21449 fewswebservice does not work anymore with only locations or only parameters					
System - PI Service	<a href="#">FEWS-20483</a>	FEWS-19650 pi-service export error					
System - PI Service	<a href="#">FEWS-20763</a>	PIWebservice does not show locations not existing at the current time					
System - PI Service	<a href="#">FEWS-20525</a>	DD-API: location coordinates do not mach CRS					
System - PI Service	<a href="#">FEWS-20293</a>	FEWS-19650 PI WebServices broken on live system					
System - PI Service	<a href="#">FEWS-21978</a>	FEWS-21449 pi service displaygroups should not require a locationid	location id is no longer required in displaygroups endpoint	location id is no longer required in displaygroups endpoint	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/FEWS+PI+REST+Web+Service#FEWSPRESTWebService-GETtimeseries/displaygroups(2019.02)">https://publicwiki.deltares.nl/display/FEWSDOC/FEWS+PI+REST+Web+Service#FEWSPRESTWebService-GETtimeseries/displaygroups(2019.02)</a>		
System - PI Service	<a href="#">FEWS-21973</a>	FEWS-21449 wms service get capabilities stacktrace when no spatial display is configured	WMS service no throws a config error if no gridDisplay was configured	WMS service no throws a config error if no gridDisplay was configured	<a href="https://publicwiki.deltares.nl/pages/viewpage.action?pageid=134482048">https://publicwiki.deltares.nl/pages/viewpage.action?pageid=134482048</a>		
System - PI Service	<a href="#">FEWS-21972</a>	FEWS-21449 ensemble id not available in rest endpoint	ensemble id is available as filter option in timeseries endpoint	ensemble id is available as filter option in timeseries endpoint	<a href="https://publicwiki.deltares.nl/display/FEWSDOC/FEWS+PI+REST+Web+Service#FEWSPRESTWebService-GETtimeseries">https://publicwiki.deltares.nl/display/FEWSDOC/FEWS+PI+REST+Web+Service#FEWSPRESTWebService-GETtimeseries</a>		
System - PI Service	<a href="#">FEWS-21875</a>	WMS should clear caches for new recent forecasts	wms will never keep cache longer than 5 minutes	WMS will never cache longer than 5 minutes.	<a href="https://publicwiki.deltares.nl/pages/viewpage.action?pageid=134482048">https://publicwiki.deltares.nl/pages/viewpage.action?pageid=134482048</a>		
System - PI Service	<a href="#">FEWS-20295</a>	FEWS-19650 pi service test page always shows timeStep as option to test					
System - PI Service	<a href="#">FEWS-20294</a>	FEWS-19650 WMS Service doesn't show new forecast data					
System - PI Service	<a href="#">FEWS-21133</a>	requesting timeseries with unknown taskrunid returns java.lang.IllegalArgumentException: Array contains null for 2nd check					
System - PI Service	<a href="#">FEWS-21122</a>	piservice taskruns not rounded to whole seconds for 2nd check					
System - PI Service	<a href="#">FEWS-19075</a>	PI Service throws http 500 if no data was found. Should be 400	timeseries response for no data is http 400: No timeSeries found	In case no timeseries are found at all, a http 400: No timeSeries found response is now returned.			
System - Workflow	<a href="#">FEWS-20323</a>	2018.02: wrong event code generated after a task finished successfully			<a href="https://publicwiki.deltares.nl/display/FEWSDOC/Admin+Interface+-+System+Status+-+Event+Codes">https://publicwiki.deltares.nl/display/FEWSDOC/Admin+Interface+-+System+Status+-+Event+Codes</a>		
Utility - Configurator	<a href="#">FEWS-20731</a>	Update Configurator for 201802					
Water Coach	<a href="#">FEWS-21877</a>	FEWS-21093 "Last Import Time" in Import Status window showing incorrect time when using a time shift					
Water Coach	<a href="#">FEWS-21517</a>	FEWS-19650 RWS - Watercoach: Unsynchronized client time - Watercoach time					
Water Coach	<a href="#">FEWS-20947</a>	FEWS-19650 FFPS-WC: Als je een Watercoach script wilt starten met een derby database crashed FEWS					
Water Coach	<a href="#">FEWS-20383</a>	FEWS-19650 FFPS-SA: Watercoach display is too small. Window does not show title					
Water Coach	<a href="#">FEWS-21684</a>	FEWS-21449 WaterCoach messages created by participant result AbstractMethodError with vjbc					