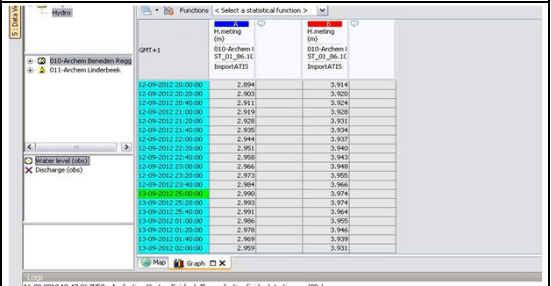
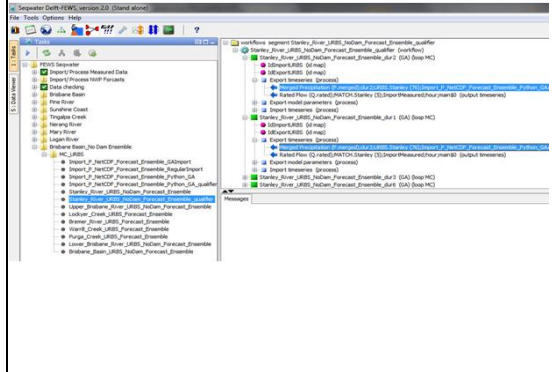

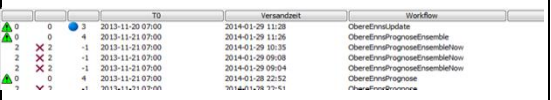
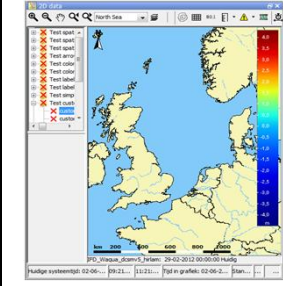
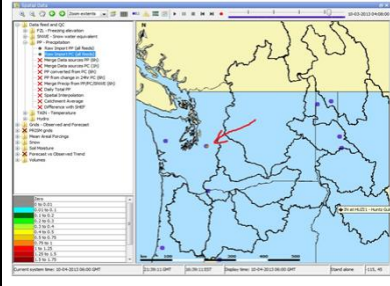
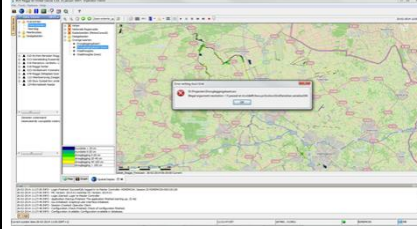
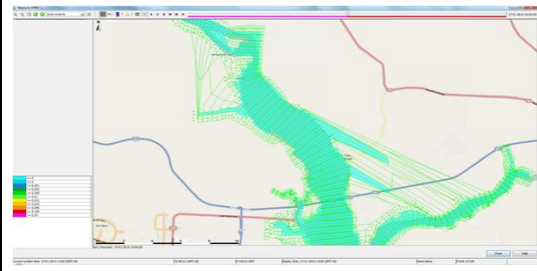
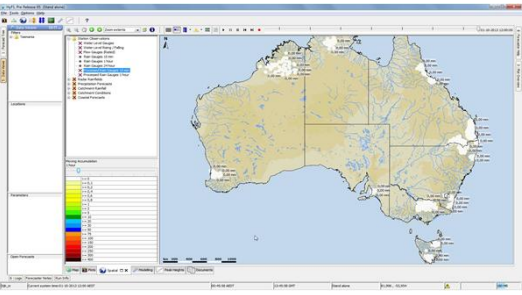


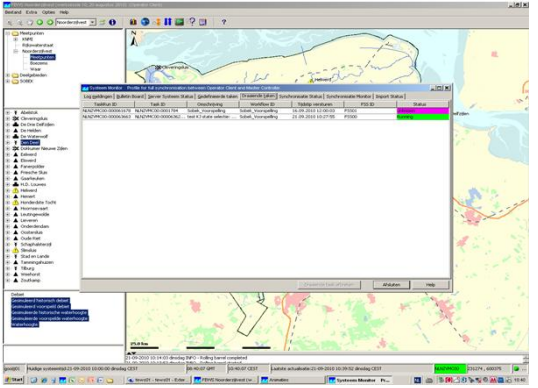
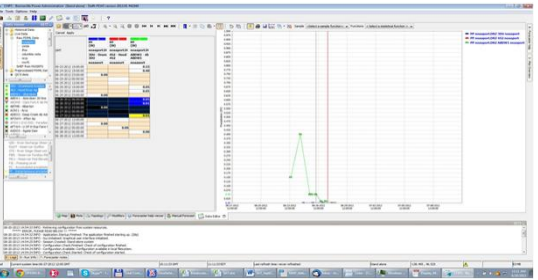
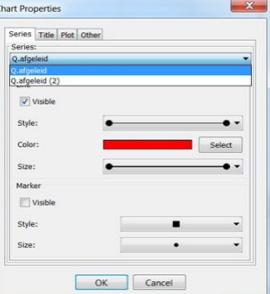
Delft-FEWS 2013.01 Bugfixes

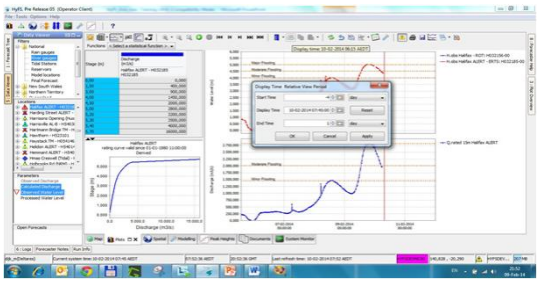

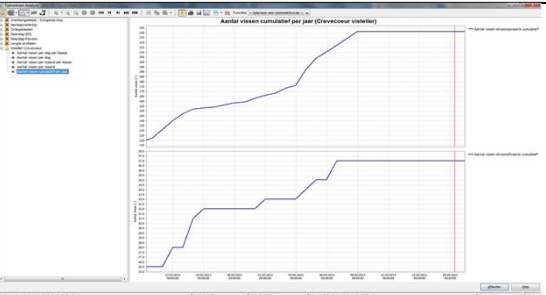
| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|---|----------------------------|---|--|---|----------------|---|
| App - Admin Web User Interface | FEWS-9112 | Admin interface database analysis queries should be able to parse longs. | The master-controller database interface has been extended so that queries in the admin interface of the statistics overview pages now properly display durations over 68 years. | AdminInterface statistics overview support durations over 68 years. | | |
| App - Admin Web User Interface | FEWS-9570 | ViewLogs page is slow and gives OutOfMemoryError when go to last page is clicked. | | It has been solved that when the logentries table contains several millions of records, the viewLogs page would give an OutOfMemoryError. | | |
| App - Configuration Manager Gui | FEWS-10225 | Config Manager - list of files in import pop up box does not expand | | | | |
| App - Forecasting Shell Server | FEWS-10556 | FSS hotstart functionality broken. | | | | |
| App - Master Controller Server | FEWS-9685 | OC inloggen op MC met DDA geeft te veel sessions als MC down gaat en weer opstart | | | | |
| App - Operator Client Gui | FEWS-8861 | <dateTimeFormat>dd-MM-yyyy kk:mm</dateTimeFormat> leads to hrs-indication of "25" iso "24" | | | |  |
| App - Operator Client Gui | FEWS-10328 | Errors while closing SA/OC are not logged or displayed. | | | | |
| App - Operator Client Gui, Plugin - Gui - Map | FEWS-9927 | Explorer. Multi-level parent child relations. Locations visible at map but not in tree | | | | |
| App - Operator Client Gui | FEWS-9475 | ForecasterAidDocumentPanel uses 100% of one CPU all the time | | | | |
| App - Operator Client Gui | FEWS-9764 | Java icon is shown for windows with no specific icon | | | | |
| App - Operator Client Gui | FEWS-8047 | Null pointer in set to missing modifier | | | | |
| App - Operator Client Gui | FEWS-9369 | NullPointerException in SegmentSelection | | | | |
| App - Operator Client Gui | FEWS-10572 | Nullpointer if location or parameter has removed but still in user_settings.ini | | | | |
| App - Operator Client Gui | FEWS-9938 | OSM jpeg proxy settings are ignored | | | | |
| App - Operator Client Gui | FEWS-10339 | Topology does not use Cardinal timestep of WorkflowDescriptors | | | | |
| Configuration | FEWS-10577 | Location set form shp/dbf file. specified z dbf columns is ignored when no x and y is specified for polygon | | | | |
| Configuration | FEWS-10837 | opendap import incorrect in 2013.2 while correct in 2012.2 | | | | |
| Database | FEWS-11180 | Add activity to delete cache files | | | | |

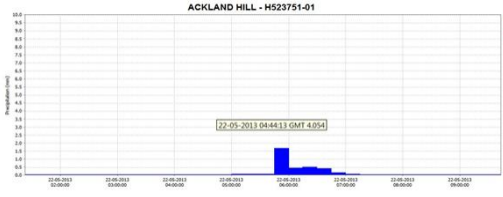
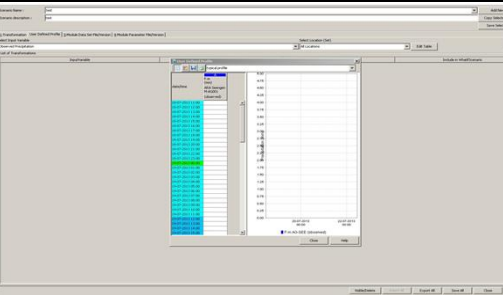
| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|---------------------------------|----------------------------|---|---|--|----------------|---|
| Database | FEWS-9652 | ConcurrentModificationException in freePreparedStatements of DefaultExtendedConnection. | A concurrency issue in the datastore was solved. | A concurrency issue in the datastore was solved. | | |
| Database | FEWS-10313 | Error getting Modifier descriptors for timeSeries sets! | | | | |
| Database | FEWS-11028 | Error when starting FSS for HyFS | | | | |
| Database | FEWS-10535 | Error while writing time series array to data store: Illegal method call Times are not ascending | | | | |
| Database | FEWS-10563 | Firebrid error BLOBSIZE, value "**** null ****":INSERT INTO TimeSeries | | | | |
| Database | FEWS-10329 | Time series cache file corruption | | | | |
| Database | FEWS-10350 | error bij waternet | | | | |
| Database | FEWS-9712 | truncation error when module instance id + ensemble id > 64 | | | | |
| Debug Tool - Database Viewer | FEWS-9815 | DBViewer: nullpointer in applying a new selection of columns to display | | | | |
| Debug Tool - Database Viewer | FEWS-10202 | Database Viewer: Java heap space exception after importing 5 million different time series in single workflow | | | | |
| Debug Tool - Database Viewer | FEWS-10347 | Time series lister / database viewer. is removing hourglass cursor before loading is finished | | | | |
| Debug Tool - Workflow Navigator | FEWS-10036 | Workflow Navigator: Properties defined in workflow are not updating in ModuleInstances | | | |  |
| Debug Tool - Workflow Navigator | FEWS-4580 | WorkflowNavigator : when opened as explorer plugin and no segment is selected yet, WFN provides neither workflowtree nor other info | | | |  |
| MCRRecoveryTool | FEWS-9888 | MCRRecoveryTool Fix Sequences broken | A bug has been fixed in the MCRRecoveryTool fix_sequences action. | | | |
| Module Adapter - Delft3D | FEWS-9442 | Delft3D result are mapped upside down when a regular grid is used | | | | |
| Module Adapter - HEC | FEWS-10433 | Null Pointer Exception in HEC-RAS adapter | | | | |

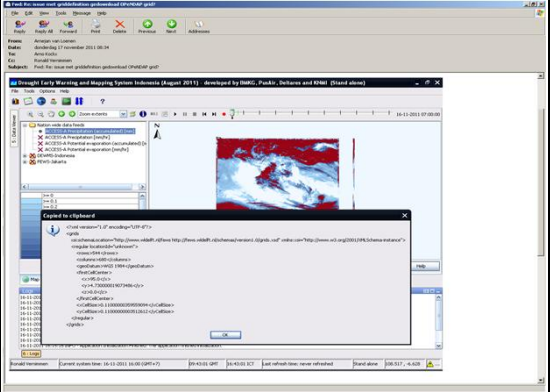
| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|---------------------------------|----------------------------|---|-------------------------------|-------------------|----------------|---|
| Plugin - Gui - Archive Display | FEWS-9914 | IndexOutOfBounds Exception in SegmentSelectionDialog | | | | |
| Plugin - Gui - Forecast Manager | FEWS-10334 | numbers shown in forecast manager | | | |  |
| Plugin - Gui - Grid Display | FEWS-9516 | <labelsInside>true</labelsInside> in spatial display legend zet labels niet goed | | | |  |
| Plugin - Gui - Grid Display | FEWS-9913 | BPA: no small circle anymore in 2013.01 when you select a gridcell or location in the spatial display | | | |  |
| Plugin - Gui - Grid Display | FEWS-10545 | Illegal argument resolution<0 passed at nl.wdelft.nfews.pi.EsriAsciiGridSerializer.serialize:104 | | | |  |
| Plugin - Gui - Grid Display | FEWS-10360 | Issue when showing irregular grid | | | |  |

| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|---|----------------------------|---|--|--|----------------|--|
| Plugin - Gui - Grid Display | FEWS-10333 | Numbers in spatial display show 0 mm in tooltip when they are missing | | | |  |
| Plugin - Gui - Grid Display | FEWS-11116 | OutOfMemoryError loading (large) grids | | | | |
| Plugin - Gui - Grid Display | FEWS-10271 | grid display error | | | | |
| Plugin - GUI - IFD - Dataviewer | FEWS-9955 | Error when exporting temporary (IFD) states | | | | |
| Plugin - GUI - IFD - Forecaster Help | FEWS-9492 | ThumbnailsDialog index out of bound exception | | | | |
| Plugin - GUI - IFD - Forecasts | FEWS-10605 | Incorrect error message on circular topology references in IFD | | | | |
| Plugin - GUI - IFD - Forecasts | FEWS-11240 | Run from IFD is automatically approved even if workflow is set as autoapproved = false | | | | |
| Plugin - GUI - IFD - Forecasts | FEWS-9212 | Upload of modifiers sometimes fails when re-running forecastgroup | | | | |
| Plugin - Gui - Manual Forecast | FEWS-9445 | ClassCast Exception when trying to select empty workflow | | | | |
| Plugin - Gui - Map | FEWS-10009 | AssertionError when coordinate in shape file is not convertible to lat long | | | | |
| Plugin - Gui - Map | FEWS-9539 | Extents in FEWS Explorer werken niet goed, in ieder geval niet consistent | | | | |
| Plugin - Gui - Map | FEWS-9182 | MapBean. North or south pole is displayed when zooming out too much | | | | |
| Plugin - Gui - Map | FEWS-9183 | MapBean. missingValueOpacityPercentage is sometimes ignored | | | | |
| Plugin - Gui - Map | FEWS-10509 | Null pointer when downloading map tiles on vmware | | | | |
| Plugin - Gui - Map | FEWS-10312 | Zoom extents werken niet meer in FEWS Explorer | | | | |
| Plugin - Gui - Schematic Status Display | FEWS-9318 | Lock function not available when opening the data editor via the schematic overview display | Fixed bug where in docking mode a TimeSeriesDialog opened from the SchematicStatusDisplay was not locked by default. Now it will be locked by default and the lock button will be shown. This will also overrule the lock button toggle status from the user settings. | Fixed bug where in docking mode a TimeSeriesDialog opened from the SchematicStatusDisplay was not locked by default. | | |
| Plugin - Gui - System Monitor | FEWS-10397 | BulletinBoard(Plus) : IllegalArgumentException: id == null on message upload | | | | |
| Plugin - Gui - System Monitor | FEWS-10327 | Some temp files in (windows) temp dir are never deleted | | | | |
| Plugin - Gui - System Monitor | FEWS-9763 | System Monitor geeft vaak foutmeldingen | | | | |

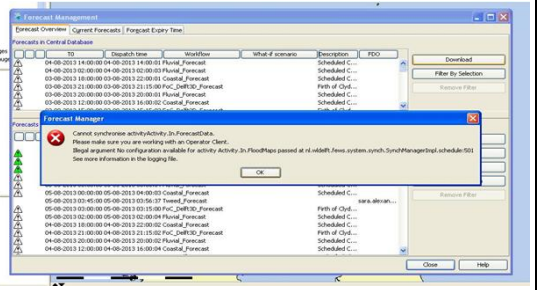

| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|--|----------------------------|--|---|-------------------|----------------|--|
| Plugin - Gui - System Monitor | FEWS-9860 | SystemMonitorDialogError shows always at startup in last development build(s) | | | | |
| Plugin - Gui - System Monitor | FEWS-4952 | sommige taken blijven hangen in overzicht running tasks van de system monitor | | | |  |
| Plugin - Gui - Threshold Display, Plugin - Module - Thresholds | FEWS-10180 | Thresholds schemas and code appears to mix the use of ids and names | | | | |
| Plugin - Gui - Time Series | FEWS-9470 | BPA: selections of nonequidistant timeseries in Data Editor for multiple locations not working as expected | Fixed cancel function and setting flags with editable columns in DataEditor with multiple columns selected. | | |  |
| Plugin - Gui - Time Series | FEWS-10739 | Changing properties in TSD of multiple timeseries with same parameter does not work | | | |  |
| Plugin - Gui - Time Series | FEWS-10657 | Check (and repair) behaviour of special plots after a change in relative view period | | | | |
| Plugin - Gui - Time Series | FEWS-10006 | Comment cannot be deleted in data editor if value is doubtful | | | | |

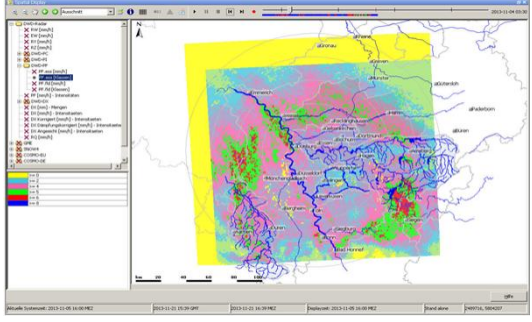
| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|--|----------------------------|--|-------------------------------|--|----------------|---|
| Plugin - Gui - Time Series | FEWS-10404 | Display time in Time Series & Spatial Display toolbar button is incorrect | | | |  |
| Plugin - Gui - Time Series | FEWS-9356 | Edit history bugs | | | | |
| Plugin - Gui - Time Series | FEWS-10131 | Een verbrede kolom in de TSD wordt continu weer op de default breedte terug gezet | | | | |
| Plugin - Gui - Time Series | FEWS-9210 | Grid cel selection does not result in a TimeSeries display update. Dependent on usersettings ini | | | | |
| Plugin - Gui - Time Series | FEWS-11226 | Highlighting of time series does not work when series is thick by default | | Thick and or selected timeseries increase line width instead of setting it to 2 | | |
| Plugin - Gui - Time Series | FEWS-9874 | In case you have no displayGroups, the shortcuts panel should be invisible, like the shortcut button on the toolbar. | | | |  |
| Plugin - Gui - Time Series | FEWS-10109 | Incorrect colours in legend in tooltip in qualitybar in TimeSeriesDialog | | | | |
| Plugin - Gui - Time Series | FEWS-9566 | NullPointerException in PlotOverview when clicking in forecasts tree | | | | |
| Plugin - Gui - Schematic Status Display, Plugin - Gui - Time Series | FEWS-10243 | Nullpointer during opening TSD from SSD | | | | |
| Plugin - Gui - Time Series | FEWS-10459 | TSD show history exception. start time of specified period is not valid according to time step | | | | |
| Plugin - Gui - Time Series | FEWS-8970 | The RelativeViewPeriod defined for individual time series defined in DisplayGroups should overrule the RelativeViewPeriod in TimeSeriesDisplayConfig | | | |  |
| Plugin - Gui - Time Series | FEWS-9786 | TimeSeriesDialog is always in edit mode after startup. | | | | |

| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|--|----------------------------|--|-------------------------------|-------------------|----------------|---|
| Plugin - Gui - Time Series | FEWS-9366 | Tooltip pop-up disrupts display of axis data in TimeSeriesDisplay | | | |  |
| Plugin - Gui - Time Series | FEWS-10722 | not possible to edit values in TSD as modifier | | | | |
| Plugin - Gui - Time Series Graphical Adjustment Module | FEWS-9617 | vertikaal verplaatsen van deel van de grafiek gebruikt waarden van vorige positie | | | | |
| Plugin - Gui - Time Series Modifier | FEWS-9266 | Cannot create modifier when using direct database access | | | | |
| Plugin - Gui - Time Series Modifier | FEWS-9807 | stack trace when clicking on the first column of the table mod | | | | |
| Plugin - Gui - What-if Scenario | FEWS-8949 | A sequential run of the same what-if applies that what-if multiple times. | | | | |
| Plugin - Gui - What-if Scenario | FEWS-9678 | Not possible to save an imported file with scenarios in Whaf-if display. Results in strange error on max. string length, while xmlspy validate correctly | | | | |
| Plugin - Gui - What-if Scenario | FEWS-10041 | Unclear message when simulated data is changed in a what-if. | | | | |
| Plugin - Gui - What-if Scenario | FEWS-9367 | WhatIf scenario User defined profile does not work for locationSets (All locations) | | | |  |
| Plugin - Module - Amalgamate | FEWS-9359 | Amalgamate creates sometimes larger number of records and MB's instead of reducing in case of nonequidistant data | | | | |
| Plugin - Module - Amalgamate | FEWS-11167 | Out of memory in amalgamate | | | | |
| Plugin - Module - Data Export | FEWS-9999 | UMAquo export should be part of the regular fews build and not be a separate build | | | | |
| Plugin - Module - Data Import | FEWS-9722 | Aquarius import: Sporadically missing data | | | | |

| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|--|----------------------------|---|--|---|--|--|
| Plugin - Module - Data Import | FEWS-6808 | Automatic grid definition creates incorrect grid resolution when importing grid with OpenDap | Fixed bug where cell width and height were not the same (due to rounding errors) for regular grids imported from a netcdf file without a grid definition in the grids.xml file. | Fixed bug where cell width and height were not the same (due to rounding errors) for regular grids imported from a netcdf file without a grid definition in the grids.xml file. | |  |
| Plugin - Module - Data Import | FEWS-10190 | CSV Import maps all undefined locations/parameters to ALL time series. | | | | |
| Plugin - Module - Data Import | FEWS-9480 | ComPtr 0 in IHistorianServerParser | | | | |
| Plugin - Module - Data Import | FEWS-8947 | Error in EAImport when reading data with Period attribute set to Day | | | | |
| Plugin - Module - Data Import | FEWS-10697 | Import van PI diagnostic files in import module | | | | |
| Plugin - Module - Data Import | FEWS-10684 | Import van mapstacks in import module moet afgemaakt worden | | | <pre>(code) <importType>piMapStack</importType> <folder>\${IMPORT_FOLDER}/G2G_NCENS/ folder> <fileNamePatternFilter>grids_ENS*.xml</fil eNamePatternFilter> <fileNameEnsembleMemberIndexPattern>g rids_ENS????.xml</fileNameEnsembleMem berIndexPattern> (code)</pre> | |
| Plugin - Module - Data Import | FEWS-10085 | Import: <importType>matroos_netcdfmapseries</i mportType> shows different results for 2013.01 and 2013.02 | | | | |
| Plugin - Module - Data Import | FEWS-9787 | OpenDAP import of subgrids | Improved netcdf grid import so that it is possible to import a sub grid that crosses the longitude boundary of a grid that covers the entire globe. For example a sub grid spanning longitude -10 to 10 degrees can now be imported from a global grid in the netcdf file that ranges from 0 to 360 degrees longitude. | Improved netcdf grid import so that it is possible to import a sub grid that crosses the longitude boundary of a grid that covers the entire globe. | No special config needed. | |
| Plugin - Module - Data Import | FEWS-10238 | netcdfUtils overruled configureerde geoDatum (in grid def) door netcdf geodatum | | | | |
| Plugin - Module - General Adapter | FEWS-10205 | Error in GA execute executable when debug is enabled. | | | | |
| Plugin - Module - General Adapter | FEWS-19529 | GA exportNetcdfActivity doesn't work for 2D spectra | | | | |
| Plugin - Module - Modifiers (ModuleParameters) | FEWS-10335 | Modifier existing check made only on TimeseriesModifier | | | | |

| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|--|----------------------------|---|---|---|----------------|--------|
| Plugin - Module - Modifiers (ModuleParameters) | FEWS-9259 | Null pointer when showing modifiers context menu when there are no module parameter files. | | | | |
| Plugin - Module - Modifiers (TimeSeries) | FEWS-10147 | Not possible to select default value in location attribute modifier | | | | |
| Plugin - Module - Reports | FEWS-9840 | Contourlines appear in SpatialDisplay but not in snapshot in reports. | A bug was fixed that caused the contourlines not being shown in the reports whilst configured. Also an artifact has been removed. | | | |
| Plugin - Module - Reports | FEWS-10050 | ReportExport does not remove "pending for deletion" directory | A bug was fixed in the ReportExport so that "pending for deletion " directories are now properly removed when the ReportExport finishes. | | | |
| Plugin - Module - Reports | FEWS-6713 | Reports does not always show rating curve (random behaviour from the user's point of view) | | Can config ratingcurve on right axis and timeseries on left axis in a report | | |
| Plugin - Module - Transformation | FEWS-9691 | Error in transformation module: Run period is Period.ANY_TIME for transformation 'wind_v', transformation will be aborted | Fixed bug in TransformationModule where runPeriod was incorrect if no data available for input with an ensemble and read complete forecast. | Fixed bug in TransformationModule where runPeriod was incorrect if no data available for input with an ensemble and read complete forecast. | | |
| Plugin - Module - Transformation | FEWS-10003 | InterpolationSerial does not delete metadata when maxGapLength exceeded | | | | |
| Plugin - Module - Transformation | FEWS-7340 | Lowpass filter does not start correctly after missing values | | | | |
| Plugin - Module - Transformation | FEWS-10861 | NGMS the following nulpointer is produced when running an NGMS workflow | | | | |
| Plugin - Module - Transformation | FEWS-9368 | Null Pointer in merge relations | Fixed bug where MergeRelations transformation did not work if all relations have an expression with no variablelds. | Fixed bug where MergeRelations transformation did not work if all relations have an expression with no variablelds. | | |
| Plugin - Module - Transformation | FEWS-9877 | RelativeViewPeriod (RVP) in transformation is different from RVP in General Adapter export. | | | | |
| Plugin - Module - Transformation | FEWS-9357 | Sample from Equidistant to nonEquiDistant creates values outside of viewperiod | | | | |
| Plugin - Module - Transformation | FEWS-10358 | Thiessen interpolation crashes when there are empty / NULL polygons | | | | |
| Plugin - Module - Transformation | FEWS-10828 | Transformation Module - Range Transformation - transformation results (incorrectly) in empty time series | | | | |
| Plugin - Module - Transformation | FEWS-10468 | Transformation non-equi to daily equi - values overwritten with missings | | | | |
| Plugin - Module - Transformation | FEWS-10325 | When an external forecast is copied in Transformation then the external forecast time of original series is lost | | | | |
| Plugin - Module - Transformation | FEWS-10004 | When running InterpolationSerial a second time, unreliables > maxGapLength are not deleted | | | | |
| Plugin - Module - Transformation | FEWS-9781 | merge selection functions are too slow | | | | |
| Plugin - Module - Transformation | FEWS-10361 | statisticslocationrelations with relations should be possible, so remove INFO messages | | | | |

| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images |
|--------------------------|----------------------------|--|---|---|----------------|--|
| System | FEWS-9670 | CLONE - SEPA: Scotland - error with downloading forecasts in Minimal profile | Fix exception when ForecastDialog download button is pressed with the custom profile. | | |  |
| System | FEWS-9220 | WorkflowTest run automatically deletes the localDatastore on startup | | Manually configure when database is purged | | |
| System - Logging | FEWS-7462 | Error message missing in Log for report | Fixed IndexOutOfBoundsException in report chart when no data available, now gives a clear error message in this case. This can happen if all data has been filtered out due to wrong filter locationId(s) in the configuration. | Fixed IndexOutOfBoundsException in report chart when no data available. | | |
| System - PI Service | FEWS-9667 | FewsPiService exception Illegal SynchManager | | | | |
| System - Session | FEWS-9290 | Only save layer visibility for layers listed in layer panel in user settings. | | | | |
| System - Synchronisation | FEWS-9978 | Fix synchronisation XML validation error for Tasks.taskrepeattime | A bug in the synchronisation_schema.xsd has been fixed that would break the xml validation when task repeat time is read in scientific notation from the database. | task repeat time is now double instead of decimal | | |
| System - Synchronisation | FEWS-9581 | Option modifier not synchronized to other clients when using the direct database connection | | | | |
| System - Synchronisation | FEWS-9613 | error on download forecast with custom synch profile | Fix exception when Forecast Dialog download button is pressed. | | |  |
| System - Workflow | FEWS-10935 | <predefinedActivity>compact cache files</predefinedActivity> geeft nulpointer | | | | |
| System - Workflow | FEWS-10221 | Java heap space exception while running workflow (GA URBS runs) | | | | |
| Water Coach | FEWS-11225 | When changing permissions or time zone in WC mode, then you can change the system time | | | | |
| | FEWS-9935 | DecisionModule: Function <timeOffset> does not work properly for transitionRules when <ruleType> is set to OnCriticalCondition | The timeOffset in the OnCriticalCondition ruleType of the DecisionModule is now properly applied. | | | |

| Component/s | Key | Summary | Release Note Text Description | Release Note Text | Config Example | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|----------------------------|--|-------------------------------|-------------------|----------------|---|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|------|------------------|------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|------|------------------|------|------------------|-------|------------------|------|------------------|------|------------------|------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|--------|------------------|--|------------------|--------|------------------|--------|------------------|------|------------------|--|------------------|-------|------------------|-------|------------------|-------|------------------|--|------------------|-------|------------------|-------|------------------|------|------------------|----|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|--|------------------|-------|------------------|-------|------------------|-------|------------------|--|------------------|-------|------------------|-------|------------------|------|------------------|------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|------|------------------|------|
| | FEWS-9857 | Hydrotec: FEWS-NRW, Position of PF Radar | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | FEWS-10007 | bug in gap filling in serial interpolation | | | | <table border="1"> <tbody> <tr><td>10/10/2013 14:00</td><td>33.44</td><td>10/10/2013 14:00</td><td>33.44</td></tr> <tr><td>10/10/2013 15:00</td><td>32.14</td><td>10/10/2013 15:00</td><td>32.14</td></tr> <tr><td>10/10/2013 16:00</td><td>28.0</td><td>10/10/2013 16:00</td><td>28.0</td></tr> <tr><td>10/10/2013 17:00</td><td>23.26</td><td>10/10/2013 17:00</td><td>23.26</td></tr> <tr><td>10/10/2013 18:00</td><td>21.18</td><td>10/10/2013 18:00</td><td>21.18</td></tr> <tr><td>10/10/2013 19:00</td><td>19.26</td><td>10/10/2013 19:00</td><td>19.26</td></tr> <tr><td>10/10/2013 20:00</td><td>15.27</td><td>10/10/2013 20:00</td><td>15.27</td></tr> <tr><td>10/10/2013 21:00</td><td>7.71</td><td>10/10/2013 21:00</td><td>7.71</td></tr> <tr><td>10/10/2013 22:00</td><td>24.32</td><td>10/10/2013 22:00</td><td>7.15</td></tr> <tr><td>10/10/2013 23:00</td><td>6.50</td><td>10/10/2013 23:00</td><td>6.50</td></tr> <tr><td>11/10/2013 00:00</td><td>35.53</td><td>11/10/2013 00:00</td><td>15.26</td></tr> <tr><td>11/10/2013 01:00</td><td>23.92</td><td>11/10/2013 01:00</td><td>23.92</td></tr> <tr><td>11/10/2013 02:00</td><td>179.06</td><td>11/10/2013 02:00</td><td></td></tr> <tr><td>11/10/2013 03:00</td><td>525.51</td><td>11/10/2013 03:00</td><td>525.51</td></tr> <tr><td>11/10/2013 04:00</td><td>55.2</td><td>11/10/2013 04:00</td><td></td></tr> <tr><td>11/10/2013 05:00</td><td>43.57</td><td>11/10/2013 05:00</td><td>43.57</td></tr> <tr><td>11/10/2013 06:00</td><td>61.66</td><td>11/10/2013 06:00</td><td></td></tr> <tr><td>11/10/2013 07:00</td><td>36.68</td><td>11/10/2013 07:00</td><td>36.68</td></tr> <tr><td>11/10/2013 08:00</td><td>5.96</td><td>11/10/2013 08:00</td><td>40</td></tr> <tr><td>11/10/2013 09:00</td><td>43.32</td><td>11/10/2013 09:00</td><td>43.32</td></tr> <tr><td>11/10/2013 10:00</td><td>50.73</td><td>11/10/2013 10:00</td><td>50.73</td></tr> <tr><td>11/10/2013 11:00</td><td>47.53</td><td>11/10/2013 11:00</td><td>47.53</td></tr> <tr><td>11/10/2013 12:00</td><td>7.73</td><td>11/10/2013 12:00</td><td>41.12</td></tr> <tr><td>11/10/2013 13:00</td><td>34.71</td><td>11/10/2013 13:00</td><td>34.71</td></tr> <tr><td>11/10/2013 14:00</td><td>35.32</td><td>11/10/2013 14:00</td><td>35.32</td></tr> <tr><td>11/10/2013 15:00</td><td>34.91</td><td>11/10/2013 15:00</td><td>34.91</td></tr> <tr><td>11/10/2013 16:00</td><td>34.92</td><td>11/10/2013 16:00</td><td></td></tr> <tr><td>11/10/2013 17:00</td><td>34.06</td><td>11/10/2013 17:00</td><td>34.06</td></tr> <tr><td>11/10/2013 18:00</td><td>26.26</td><td>11/10/2013 18:00</td><td></td></tr> <tr><td>11/10/2013 19:00</td><td>26.51</td><td>11/10/2013 19:00</td><td>26.51</td></tr> <tr><td>11/10/2013 20:00</td><td>26.6</td><td>11/10/2013 20:00</td><td>26.6</td></tr> <tr><td>11/10/2013 21:00</td><td>27.21</td><td>11/10/2013 21:00</td><td>27.21</td></tr> <tr><td>11/10/2013 22:00</td><td>26.11</td><td>11/10/2013 22:00</td><td>26.11</td></tr> <tr><td>11/10/2013 23:00</td><td>26.25</td><td>11/10/2013 23:00</td><td>26.25</td></tr> <tr><td>12/10/2013 00:00</td><td>27.03</td><td>12/10/2013 00:00</td><td>27.03</td></tr> <tr><td>12/10/2013 01:00</td><td>26.36</td><td>12/10/2013 01:00</td><td>26.36</td></tr> <tr><td>12/10/2013 02:00</td><td>19.58</td><td>12/10/2013 02:00</td><td>30.32</td></tr> <tr><td>12/10/2013 03:00</td><td>32.26</td><td>12/10/2013 03:00</td><td>32.26</td></tr> <tr><td>12/10/2013 04:00</td><td>34.95</td><td>12/10/2013 04:00</td><td>34.95</td></tr> <tr><td>12/10/2013 05:00</td><td>38.15</td><td>12/10/2013 05:00</td><td>38.15</td></tr> <tr><td>12/10/2013 06:00</td><td>38.4</td><td>12/10/2013 06:00</td><td>38.4</td></tr> </tbody> </table> | 10/10/2013 14:00 | 33.44 | 10/10/2013 14:00 | 33.44 | 10/10/2013 15:00 | 32.14 | 10/10/2013 15:00 | 32.14 | 10/10/2013 16:00 | 28.0 | 10/10/2013 16:00 | 28.0 | 10/10/2013 17:00 | 23.26 | 10/10/2013 17:00 | 23.26 | 10/10/2013 18:00 | 21.18 | 10/10/2013 18:00 | 21.18 | 10/10/2013 19:00 | 19.26 | 10/10/2013 19:00 | 19.26 | 10/10/2013 20:00 | 15.27 | 10/10/2013 20:00 | 15.27 | 10/10/2013 21:00 | 7.71 | 10/10/2013 21:00 | 7.71 | 10/10/2013 22:00 | 24.32 | 10/10/2013 22:00 | 7.15 | 10/10/2013 23:00 | 6.50 | 10/10/2013 23:00 | 6.50 | 11/10/2013 00:00 | 35.53 | 11/10/2013 00:00 | 15.26 | 11/10/2013 01:00 | 23.92 | 11/10/2013 01:00 | 23.92 | 11/10/2013 02:00 | 179.06 | 11/10/2013 02:00 | | 11/10/2013 03:00 | 525.51 | 11/10/2013 03:00 | 525.51 | 11/10/2013 04:00 | 55.2 | 11/10/2013 04:00 | | 11/10/2013 05:00 | 43.57 | 11/10/2013 05:00 | 43.57 | 11/10/2013 06:00 | 61.66 | 11/10/2013 06:00 | | 11/10/2013 07:00 | 36.68 | 11/10/2013 07:00 | 36.68 | 11/10/2013 08:00 | 5.96 | 11/10/2013 08:00 | 40 | 11/10/2013 09:00 | 43.32 | 11/10/2013 09:00 | 43.32 | 11/10/2013 10:00 | 50.73 | 11/10/2013 10:00 | 50.73 | 11/10/2013 11:00 | 47.53 | 11/10/2013 11:00 | 47.53 | 11/10/2013 12:00 | 7.73 | 11/10/2013 12:00 | 41.12 | 11/10/2013 13:00 | 34.71 | 11/10/2013 13:00 | 34.71 | 11/10/2013 14:00 | 35.32 | 11/10/2013 14:00 | 35.32 | 11/10/2013 15:00 | 34.91 | 11/10/2013 15:00 | 34.91 | 11/10/2013 16:00 | 34.92 | 11/10/2013 16:00 | | 11/10/2013 17:00 | 34.06 | 11/10/2013 17:00 | 34.06 | 11/10/2013 18:00 | 26.26 | 11/10/2013 18:00 | | 11/10/2013 19:00 | 26.51 | 11/10/2013 19:00 | 26.51 | 11/10/2013 20:00 | 26.6 | 11/10/2013 20:00 | 26.6 | 11/10/2013 21:00 | 27.21 | 11/10/2013 21:00 | 27.21 | 11/10/2013 22:00 | 26.11 | 11/10/2013 22:00 | 26.11 | 11/10/2013 23:00 | 26.25 | 11/10/2013 23:00 | 26.25 | 12/10/2013 00:00 | 27.03 | 12/10/2013 00:00 | 27.03 | 12/10/2013 01:00 | 26.36 | 12/10/2013 01:00 | 26.36 | 12/10/2013 02:00 | 19.58 | 12/10/2013 02:00 | 30.32 | 12/10/2013 03:00 | 32.26 | 12/10/2013 03:00 | 32.26 | 12/10/2013 04:00 | 34.95 | 12/10/2013 04:00 | 34.95 | 12/10/2013 05:00 | 38.15 | 12/10/2013 05:00 | 38.15 | 12/10/2013 06:00 | 38.4 | 12/10/2013 06:00 | 38.4 |
| 10/10/2013 14:00 | 33.44 | 10/10/2013 14:00 | 33.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 15:00 | 32.14 | 10/10/2013 15:00 | 32.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 16:00 | 28.0 | 10/10/2013 16:00 | 28.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 17:00 | 23.26 | 10/10/2013 17:00 | 23.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 18:00 | 21.18 | 10/10/2013 18:00 | 21.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 19:00 | 19.26 | 10/10/2013 19:00 | 19.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 20:00 | 15.27 | 10/10/2013 20:00 | 15.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 21:00 | 7.71 | 10/10/2013 21:00 | 7.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 22:00 | 24.32 | 10/10/2013 22:00 | 7.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/10/2013 23:00 | 6.50 | 10/10/2013 23:00 | 6.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 00:00 | 35.53 | 11/10/2013 00:00 | 15.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 01:00 | 23.92 | 11/10/2013 01:00 | 23.92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 02:00 | 179.06 | 11/10/2013 02:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 03:00 | 525.51 | 11/10/2013 03:00 | 525.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 04:00 | 55.2 | 11/10/2013 04:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 05:00 | 43.57 | 11/10/2013 05:00 | 43.57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 06:00 | 61.66 | 11/10/2013 06:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 07:00 | 36.68 | 11/10/2013 07:00 | 36.68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 08:00 | 5.96 | 11/10/2013 08:00 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 09:00 | 43.32 | 11/10/2013 09:00 | 43.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 10:00 | 50.73 | 11/10/2013 10:00 | 50.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 11:00 | 47.53 | 11/10/2013 11:00 | 47.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 12:00 | 7.73 | 11/10/2013 12:00 | 41.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 13:00 | 34.71 | 11/10/2013 13:00 | 34.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 14:00 | 35.32 | 11/10/2013 14:00 | 35.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 15:00 | 34.91 | 11/10/2013 15:00 | 34.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 16:00 | 34.92 | 11/10/2013 16:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 17:00 | 34.06 | 11/10/2013 17:00 | 34.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 18:00 | 26.26 | 11/10/2013 18:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 19:00 | 26.51 | 11/10/2013 19:00 | 26.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 20:00 | 26.6 | 11/10/2013 20:00 | 26.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 21:00 | 27.21 | 11/10/2013 21:00 | 27.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 22:00 | 26.11 | 11/10/2013 22:00 | 26.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/10/2013 23:00 | 26.25 | 11/10/2013 23:00 | 26.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/10/2013 00:00 | 27.03 | 12/10/2013 00:00 | 27.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/10/2013 01:00 | 26.36 | 12/10/2013 01:00 | 26.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/10/2013 02:00 | 19.58 | 12/10/2013 02:00 | 30.32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/10/2013 03:00 | 32.26 | 12/10/2013 03:00 | 32.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/10/2013 04:00 | 34.95 | 12/10/2013 04:00 | 34.95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/10/2013 05:00 | 38.15 | 12/10/2013 05:00 | 38.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/10/2013 06:00 | 38.4 | 12/10/2013 06:00 | 38.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |