

Scheduled Tasks

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Overview

List all scheduled tasks.

On the top of the screen some action can be taken using the different buttons:

- **Refresh:** Refreshes the current table with the latest scheduled tasks status.
- **Hide/Show one-off tasks:** Toggle to display or hide one-off tasks from the table
- **Schedule:** Schedule a new task. See [Scheduled Tasks - New Task](#)
- **Suspend:** Suspend all running and pending tasks that have been selected with the checkbox.
- **Resume:** Resume all suspended tasks that have been selected with the checkbox.
- **Cancel:** Cancel all tasks that have been selected with the checkbox.
- **Download:** Upon clicking this link you will download an XML file with all the tasks that are currently scheduled on this MC (All pending and suspended tasks). The file will conform to the [taskList.xsd](#) schema (also used by the [Scheduled Tasks - Upload](#)).
- **Upload:** Upload a XML file with all the tasks that should be scheduled on this MC. The file has to conform to the [taskList.xsd](#) schema and all workflowids should exist. See [Scheduled Tasks - Upload](#)
- **Filters:** Hide one-off tasks, finished tasks or scheduled tasks (since 2019.02).
- **Columns:** Show or hide columns in the table (since 2020.01)







Workflow Id	Actions	Remote MC ID	Priority	Interval	Next Due Time	Task Status	Latest Task Run Dispatch Time	Latest Task Run Status	Latest Task Run Time	Current Forecast Dispatch Time
Archive_Export_Daily	✕ [?] [+] [x]		Normal	1d	27/03/2020 07:00:00	Pending	26/03/2020 07:00:00	Complete	1h 8m 53s	
Basin_Ribble_Historical	✕ [?] [+] [x]		Normal	1d	27/03/2020 06:00:00	Pending	26/03/2020 06:00:19	Complete	11m 32s	26/03/2020 06:00:19
Basin_Thames_Forecast_BE	✕ [?] [+] [x]		Normal	1d	27/03/2020 09:00:00	Pending	26/03/2020 09:00:12	Running		
Basin_Thames_Historical	✕ [?] [+] [x]		Normal	1d	27/03/2020 07:00:00	Pending	26/03/2020 07:00:31	Partly Complete	19m 43s	
Calculate_CWI	✕ [?] [+] [x]		Normal	1h	26/03/2020 10:00:00	Pending	26/03/2020 09:00:00	Complete	15s	
Calculate_RateORise	✕ [?] [+] [x]		Normal	15m	26/03/2020 10:00:00	Pending	26/03/2020 09:45:00	Complete	11s	26/03/2020 09:45:00
Compute_MVT_OK_CMDRET	✕ [?] [+] [x]		Normal	6h	26/03/2020 14:55:00	Pending	26/03/2020 08:55:00	Complete	5s	26/03/2020 08:55:00
Compute_MVT_OK_CMDRENS	✕ [?] [+] [x]		Normal	6h	26/03/2020 14:55:00	Pending	26/03/2020 08:55:00	Complete	3m 49s	26/03/2020 08:55:00
ComputeCoastalBE	✕ [?] [+] [x]		Normal	6h	26/03/2020 11:00:00	Pending	26/03/2020 05:00:15	Complete	58s	26/03/2020 05:00:15
ComputeCoastalRWC	✕ [?] [+] [x]		Normal	6h	26/03/2020 11:00:00	Pending	26/03/2020 05:00:16	Complete	48s	26/03/2020 05:00:16
Create_NWIP_MediumRange_BE	✕ [?] [+] [x]		Normal	6h	26/03/2020 12:00:00	Pending	26/03/2020 06:00:27	Complete	43s	26/03/2020 06:00:27
Create_NWIP_MediumRange_RWC	✕ [?] [+] [x]		Normal	6h	26/03/2020 12:00:00	Pending	26/03/2020 06:00:38	Complete	46s	26/03/2020 06:00:38
Database_Maintenance_Day	✕ [?] [+] [x]		Normal	1d	27/03/2020 03:30:00	Pending	26/03/2020 03:30:00	Complete	3m 36s	
Database_Maintenance_Month	✕ [?] [+] [x]		Normal	day 1 of each month at 4:00	01/04/2020 04:00:00	Pending	01/03/2020 04:00:00	Complete	5s	
Database_Maintenance_Week	✕ [?] [+] [x]		Normal	days 7 14 21 28 of each month at 4:00	28/03/2020 04:00:00	Pending	27/03/2020 04:00:00	Complete	41s	
Fluxial_Scenario_Maps	✕ [?] [+] [x]		Normal	6h	26/03/2020 10:04:00	Pending	26/03/2020 04:04:00	Complete	5s	26/03/2020 04:04:00
Forecast_BWIG	✕ [?] [+] [x]		Normal	1d	27/03/2020 07:30:00	Pending	26/03/2020 07:30:00	Complete	1m 35s	26/03/2020 07:30:00
Import_BWIG	✕ [?] [+] [x]		Normal	1h	26/03/2020 10:03:00	Pending	26/03/2020 09:03:31	Complete	15s	
Import_BWIG_SHOWWindIV	✕ [?] [+] [x]		Normal	1d	27/03/2020 04:10:00	Pending	26/03/2020 04:10:00	Complete	0s	
Import_Coastal_Forecast	✕ [?] [+] [x]		Normal	15m	26/03/2020 09:40:00	Pending	26/03/2020 09:34:00	Complete	1m 12s	

The Scheduled task list can be sorted by clicking on the column headings.

Finished tasks will be visible for one day after a task was finished.

The details of the scheduled tasks table are given below:

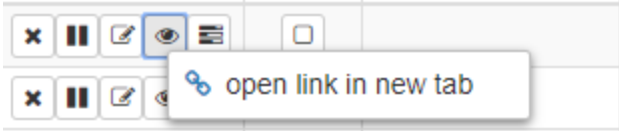
Column	Details
Workflow Id	An identifier for the associated Workflow.

Actions	<p>Depending on the task status (see above), a number of actions can be performed on the task.</p> <p> Details: Display the Task Details Screen</p> <p> Edit: Display the Schedule New Task Screen, to edit the current task. This is only allowed for the same MC.</p> <p> Suspend: The task is paused; it is not dispatched at its scheduled time.</p> <p> Resume: A suspended task is re-activated. It will now be dispatched at its scheduled time</p> <p> Cancel : The task will not be dispatched. The task will be removed from the list as part of the rolling barrel</p> <p> Task Runs: Displays the Task Runs Screen. This displays all the previous runs of this particular workflow. Since 2020.02 not visible for triggered-one-off tasks.</p>
What-if Scenario	An identifier for the associated What-if Scenario. The column is only displayed if there are any what-if scenarios
Tag	An identifier used for Event/Action mappings (see: Setting Up Event-Action Configuration). The column is only displayed if there are any tags.
Remote MC ID	MCID of the remote mc. The column is only displayed in a multi MC environment
Priority	Tasks can have priority High or Normal. High priority tasks are dispatched in precedence over Normal priority tasks.
Interval	The time interval at which the scheduled task runs
Next due time	The next time the task was scheduled for (for repeating tasks). The time the task is scheduled for (non-repeating tasks).
Task Status	<p>Task Status:</p> <ul style="list-style-type: none"> - Pending (green) The task is operational and is awaiting dispatch. This task can be Suspended or Cancelled - Suspended (yellow) The task has been paused. It will not be dispatched when its scheduled dispatch time is reached. This task can be Resumed or cancelled. - Finished (red) The task has been dispatched and completed its execution.
TaskID	An identifier for the Task. Only visible as tooltip of the WorkflowId
Latest Task Run Dispatch Time	Time of the last Task Run that was dispatched for this workflow.
Latest Task Run Status	<p>Status of the last Task Run that was dispatched for this workflow. The status will be displayed with a background color as follows:</p> <ul style="list-style-type: none"> • Pending: orange • Running: yellow • Invalid (wrong TaskProperties): red • Failed (stopped unexpectedly, not completed or terminated): red • Complete: green • Partly Complete (completed with error logged, partly approved): orange • Terminated: orange • Partly Successful (completed with error logged, not approved): orange • Scheduled: orange • Unknown: white
Description	Text description associated with the task. Only visible as tooltip of the WorkflowId
Latest Task Run Time (since 2019.02)	The time the latest task run took to complete.
Current Forecast Dispatch Time (since 2020.01)	The dispatch time of the forecast that is current (the most recent approved forecast). This column is hidden by default and has to be enabled with the Columns button.

Context menu (since 2019.02)

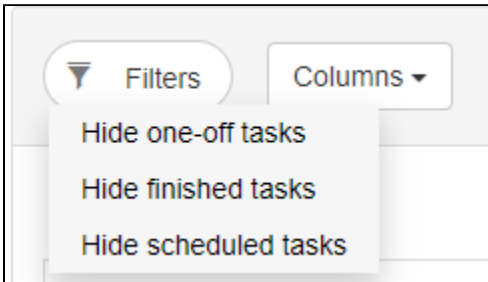
Buttons that open a new page, can also be opened in a new tab by right clicking the button. This will open a context menu.

In the following example the view button was right-clicked which opens the context menu:



Filters (since 2019.02)

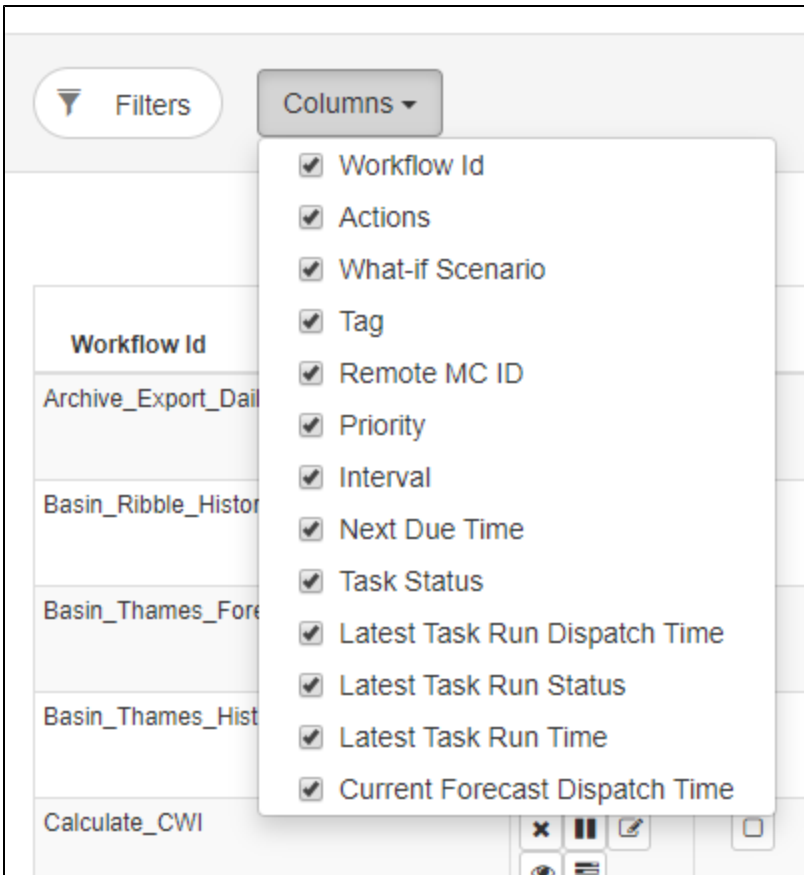
With the filter button it is possible to hide tasks. The chosen filter will be stored in the local storage of the browser. If the same browser is used, the settings will be kept.



Columns (since 2020.01)

With the columns button, the columns in the tasks table can be hidden or displayed. The chosen columns will be stored in the local storage of the browser. If the same browser is used, the settings will be kept.

The Current Forecast Dispatch Time column is hidden by default.



Current Forecast Dispatch Time

The current forecast dispatch time can display a color to indicate if dispatch time was too long ago. This is done using the ForecastManagement configuration. See [22 Forecast Management](#).

