

## Gisaf - Feature #11649

### Wells timeline dashboard misc. improvements

27/01/2021 12:46 - Philippe May

<b>Status:</b>	Resolved	<b>Start date:</b>	27/01/2021
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Philippe May	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
After discussion with Giulio, the wells timeline dashboard can be improved with:			
<ul style="list-style-type: none"><li>bars for rain: the blue color should remain the same even when the stratigraphy is shown (transparency/plot z-order)</li><li>levels to be represented relative to sea level, not the top of the well (taking the elevation and correction factor)</li></ul>			

#### History

##### #1 - 27/01/2021 12:54 - Philippe May

- Status changed from New to Resolved

Changes applied in notebook. @Giulio: please check, for ex.:

<https://gis.auroville.org.in/dashboard/Water/Well%20levels%20timeline?section=Auromode>

Also, i fixed the scheduled automatic execution (quick technical explanation below for reference: tl;dr.).

The problem was diagnosed as a memory overflow in the Linux kernel.

As many dashboards are scheduled with systemd timers (OnCalendar=daily), they all run at the same time and some fail because of CPU/memory intensive use at that time.

Solved by introducing RandomizedDelaySec=3600 for all daily timers, which spreads their execution within an hour.

##### #2 - 27/01/2021 14:07 - Giulio Di Anastasio

- Priority changed from Normal to High

- Status changed from Resolved to In Progress

Very well, rainfall data are always blue, and the readings are expressed with reference to the sea level.

We need just to add a legend also for the red line, which represents the well water level from sea level.

Thanks  
Giulio

##### #3 - 27/01/2021 15:46 - Philippe May

- Priority changed from High to Normal

- Added legend for water level
- Fixed display (red lines were "under" the bars for the rain)

PS: i think high priority should be kept for more important work, eg. when something isn't working.

**#4 - 27/01/2021 15:47 - Philippe May**

- *Status changed from In Progress to Resolved*