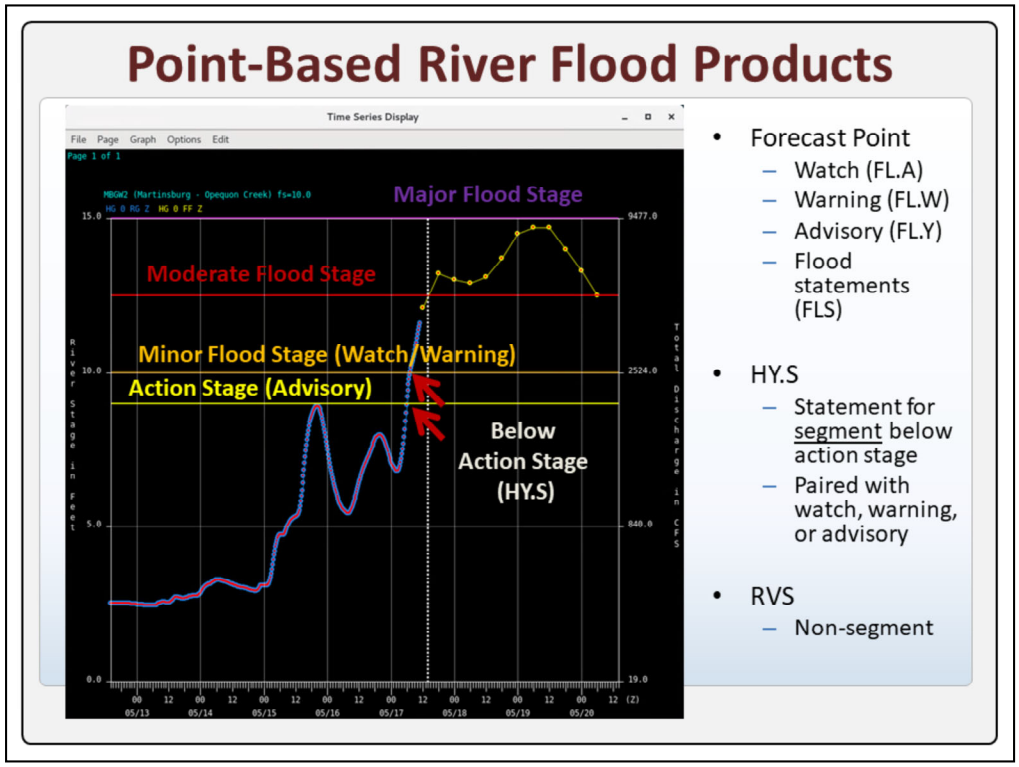
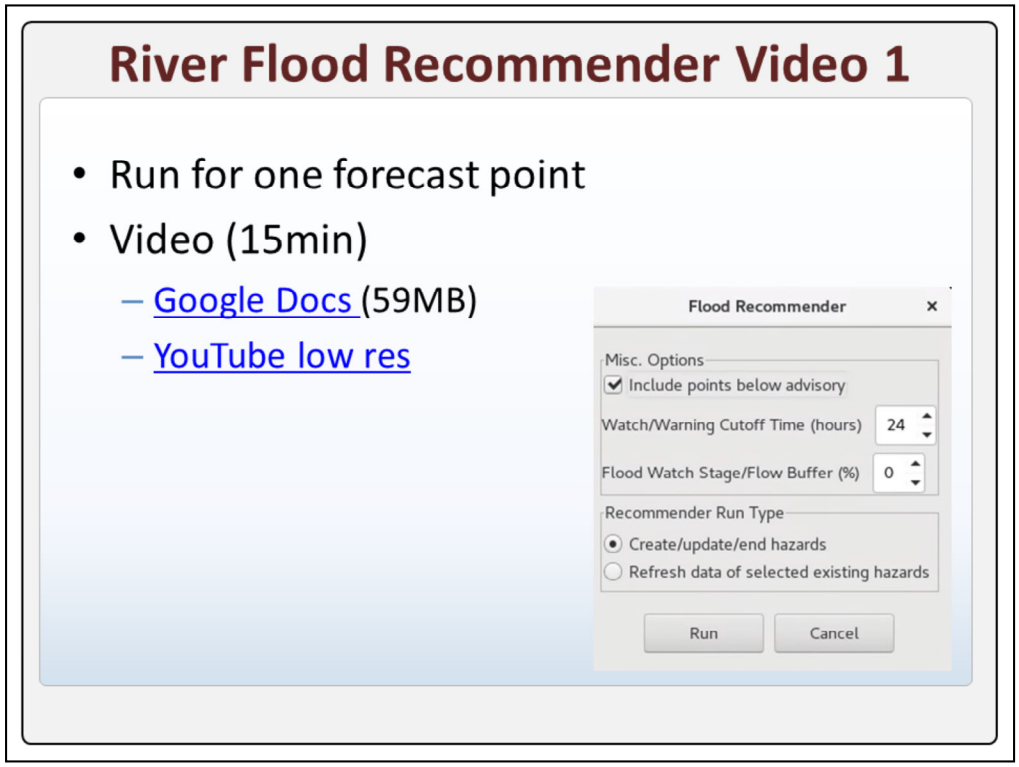


River flood product issuance varies substantially across the NWS, and the default behavior of the River Flood Recommender and some of the point-based river products will be new to some, so let's review these before the demonstration.

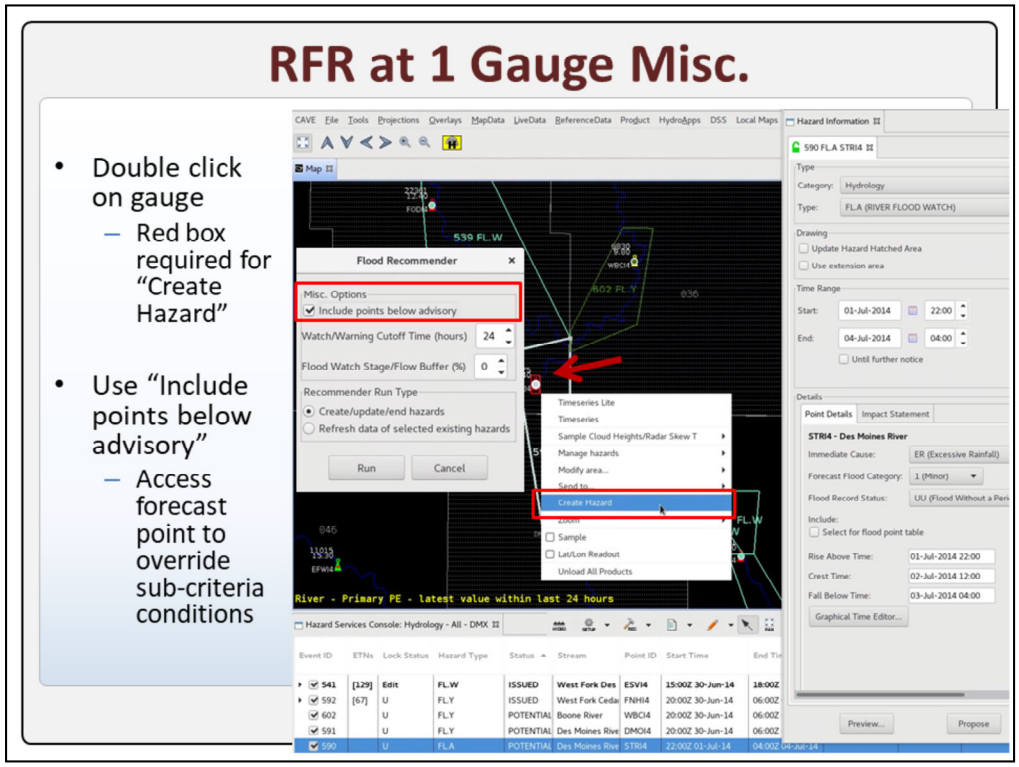
When the observed or forecast stage values rise above **minor** flood stage that satisfies **watch** or warning criteria depending on the time it rises above flood stage. When the stage values rise above **action** stage but below minor flood stage, that satisfies **advisory** criteria. **Flood** statement FLS's are used for advisories and for following up warnings.

For a forecast point **below** action stage, the **HY.S** allows a river segment below advisory criteria to be included with other watch, warning, or advisory segments.

Otherwise the **RVS** river statement is the other non-segmented product that provides observed and forecast stages along with flood stage values at forecast points.

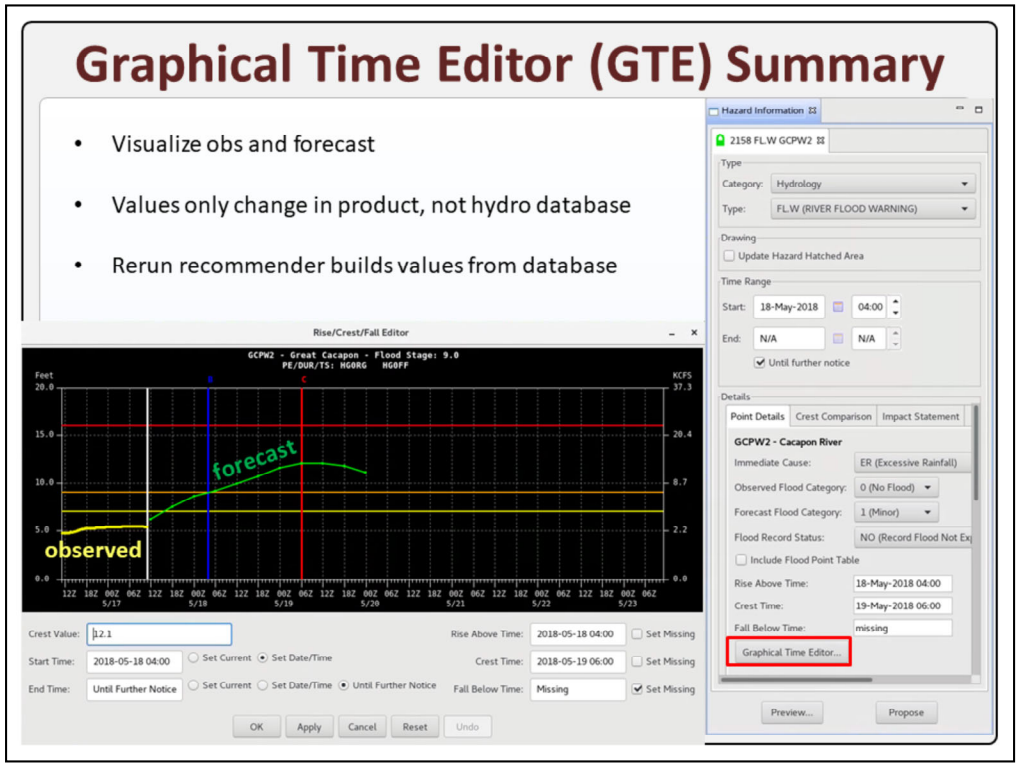


Click on the video link to see a demonstration of how the river flood recommender is used when run for a single forecast point.



So the river flood recommender runs off of the observed and forecast stage heights in the hydro database. The main thing to remember when running the river flood recommender at one forecast point is to **double** click on the gauge to give you the red box, otherwise there will be no **Create** Hazard menu when right clicking on the forecast point.

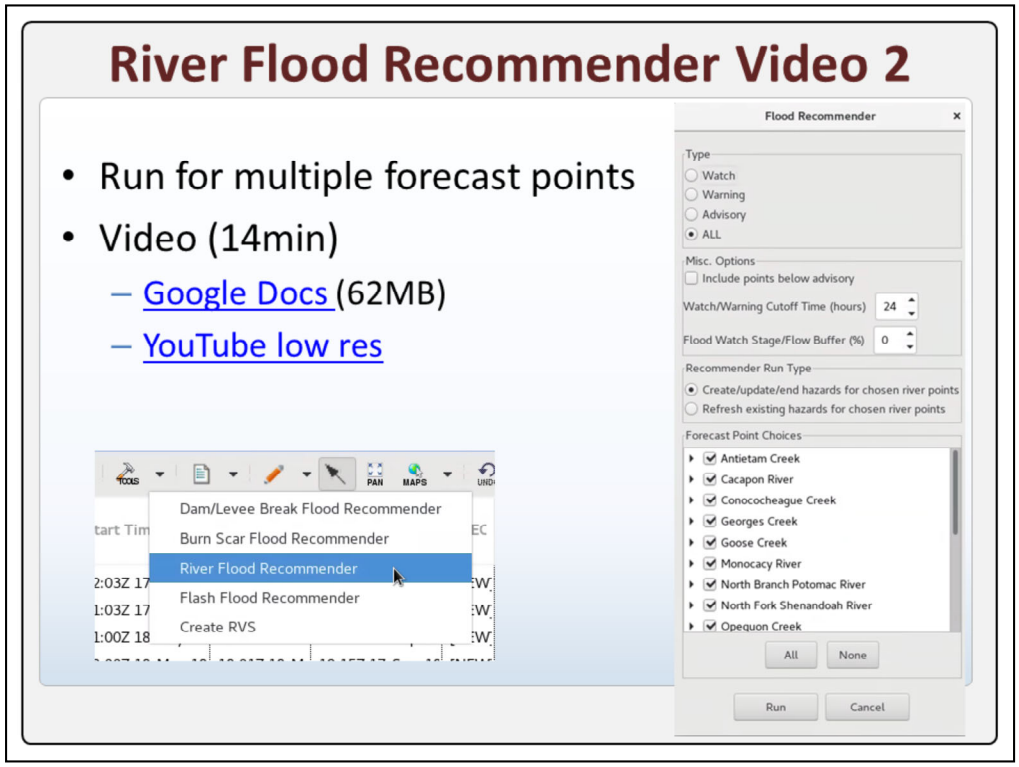
One other tip is that if you can always override the recommendation in the HID once you have a recommendation. So if you have a sub-criteria situation on hand that you need to override, you can always use the "**Include** points below advisory" option to start off with a hydrologic statement and override it with an advisory, watch, or warning.



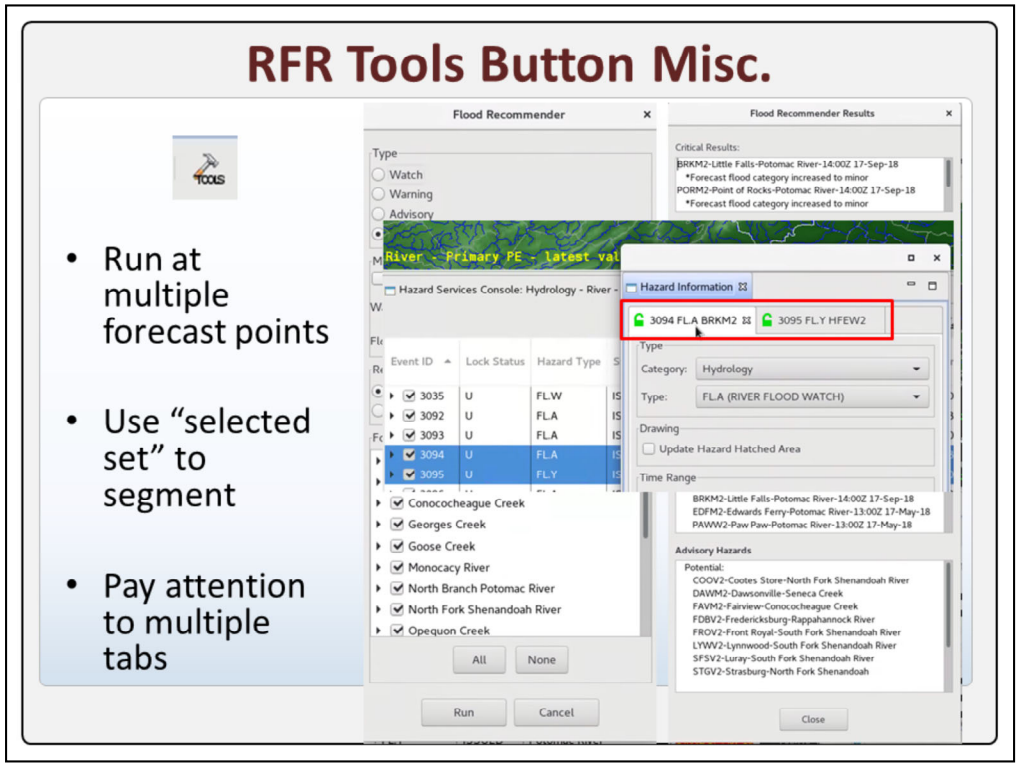
As displayed in the previous video, the Graphical Time Editor (or GTE) is a handy tool available with forecast points in the HID to visualize the **observed** stage values and **forecast**. It can also be used to tweak settings like the end time where you might want to extend a warning a little longer if the forecast is hovering very near flood stage after it first drops below flood stage.

Just remember that if you change some of the settings like the end time or the crest value, that will change the numbers **only** in the text product, and NOT the hydro database. What do you think will happen to those values next time the recommender is run?

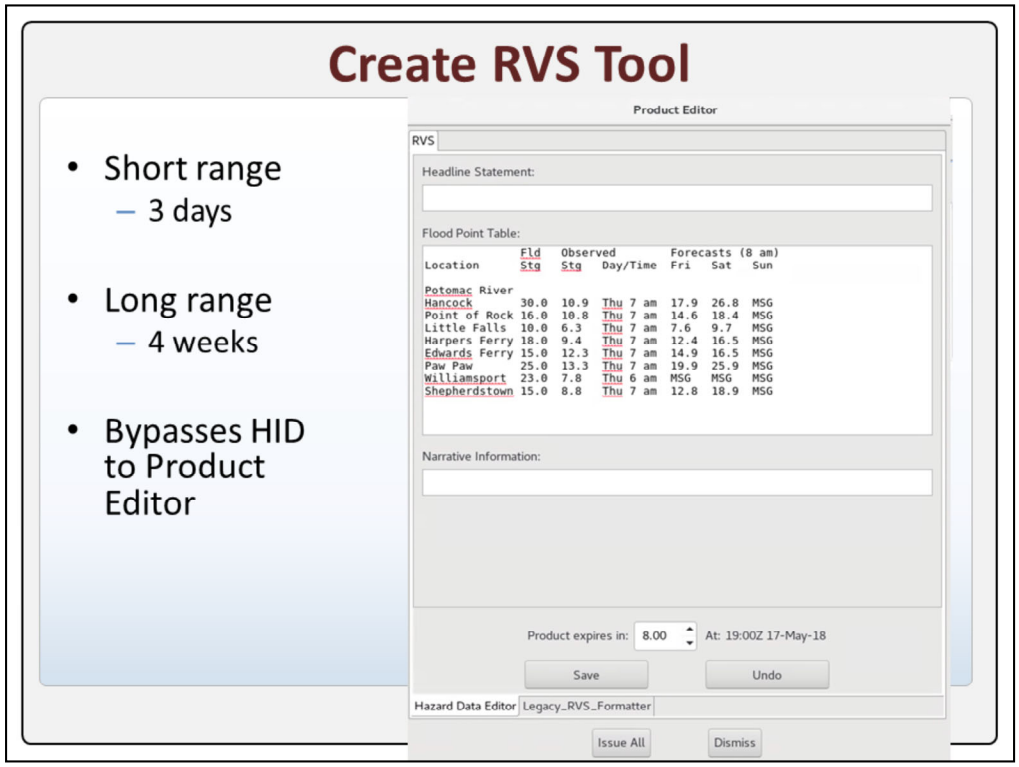
Well, the recommender will **updates** all values from the hydro database every time it is run, so they will get overwritten.



Click on the video link to see a demonstration of how the river flood recommender is used when run for multiple forecast points where you can then create a segmented hazard.

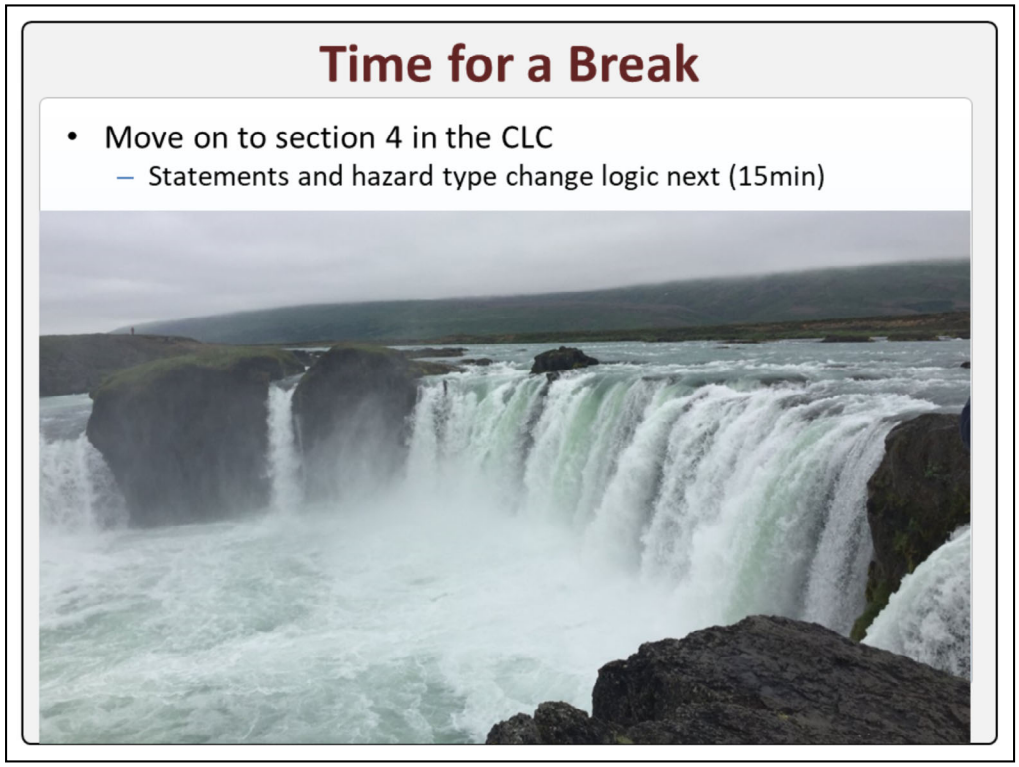


So running the river flood recommender from the Tools button allows you work with multiple forecast points, and selecting **multiple** forecast points from the Console creates the “**selected** set”, which will segment your products according to similar hazard types. Just remember to **pay** extra attention to the multiple tabs.

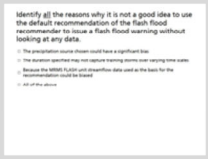


The Create RVS Tool is launched from the **Tools** button, and it pops up a window to allow you select the forecast points you want to run it for and whether you want a **short-range** time span of 3 days or a **long-range** time span of 4 weeks.

Because the river statement RVS product isn't a hazard event type, it **bypasses** the HID and goes straight to the Product Editor. In the Product Editor you can type in the headline statement and the narrative information before issuing the RVS.



This is another good time for a break. After another short learning interaction, move on to section 4 where you will review statements and hazard type change logic.



- **IOC Learning Interaction 2**
- *Quiz - 3 questions*
- Last Modified: Aug 08, 2019 at 04:15 PM

- **PROPERTIES**
- On passing, 'Finish' button: Goes to Next Slide
- On failing, 'Finish' button: Goes to Next Slide
- Allow user to leave quiz: At any time
- User may view slides after quiz: At any time
- Show in menu as: Single item

Edit in Quizmaker | Edit Properties