

CoCoRaHS Mapping Feature Additions and Bug Fixes

Feature Additions – 11/13/2020

- Users can adjust the time window observations are mapped
- Users can adjust the data completeness threshold (percentage) for the accumulation maps

Feature Additions – 10/26/2020

- Added ability to jump to Country, State, County from Map Options panel
- Grouped “Zoom to Current Location”, the location search, and the jump to Country, State, and County options into a “Where” field group within the Map Options panel.
- Added base maps; Gray, ESRI Streets, ESRI Topo, ESRI Imagery
- Changed Dark base map provider from Carto to Jawg
- Changes to the map display:
 - Labels do not appear until zoom level 9 instead of zoom level 8 (must be closer to see labels)
 - Made the markers slightly larger at intermediate zoom levels where the markers appear
 - Moved labels below markers and spaced them out so markers are more clearly visible
- Added accumulation maps for “New Snow Depth” and “New Snow Water Content”
- Set the info-window detail link on accumulation snow maps to go to the Station Snow Summary report instead of the Station Precip Summary report
- Changed “About” link in header to “Help”

Bug Fixes

- Fixed bug in quick date picker where it displayed a date range when the single day date was changed in the Map Options panel
- Changed map settings cookies to expire 365 days after being set instead of until the browser session ends. This fixes the bug where the cookie was deleted when the browser was closed, i.e. not saving it for the next map session.
- Fixed legend to display “Max” instead of “Accumulation” for “Snow on Ground Depth” and “Snow on Ground Water Content” for date range maps

Planned Features for Future Updates (in no particular order)

- Move Map Options to sidebar panel that can be collapsed
- Make it possible to toggle off map labels
- Add an option in the Map Options window to "Save current view as default map".
- Increase the speed at which the data syncs between the CoCoRaHS database and the mapping database from 5 minutes to 2 or 3.
- Add ability to navigate to a map one day earlier or one day later without having to use Map Options window