

RWIS Release Notes - Release 1.1.0

November 17, 2017

Summary of Changes

Highlights of RWIS Release 1.1.0 include improvements to the RWIS WaterML2 and JSON output formats, improvements to the query user interface, the addition of a zip archive to download the entire RWIS dataset, and the addition of API documentation and demos. An announcements section and a page for monthly updates on the project team's activities were also added to provide information about RWIS project activities and system development. A number of other minor bug fixes and changes were also made. See details in the table below and contact the team at rwis@usbr.gov with any questions.

Issues Addressed in this Release

Issue #	Title	Description
5	Create multiple zip file downloads for CSV to handle large files	Created csv files of all historical data prior to the current year and posted as a split archive with Excel user interface file.
22	Enhancement to handle situations when map fails - error page	Improved error handling to display message when mapping service is unavailable: "ESRI's ArcGIS Online not available. Please try again later"
32	Query URL for Interactive Plot and HTML table does not return expected results	Added ability to download an image file of the interactive plot and changed view button text in query results to specify raw data.
33	Query URL should be easier to copy	Added a copy button for copying the URL
34	Interactive Plot coming up as CSV data in view	Added ability to download an image file of the interactive plot and changed view button text in query results to specify raw data.
36	Update Help File prior to Release 1.1.0	Update Help File to reflect changes made in Release 1.1.0.
42	Add Last Updated date to RWIS splash page and About page	Added date of last update to home page and About RWIS page.
43	Add Announcements section to RWIS Splash Page	Added section for announcements at bottom of RWIS home page and populated with recent news about the site.
48	Fix issues with map performance on Internet Explorer and Firefox	Fixed map issues
50	Improve usability of query page to address comments from user testing	Issue was split into Issues 53, 54, 56, 57, 58
52	Change to RWIS API JSON output to use siteid instead of description as identifier	Improved machine readable JSON output to use siteid instead of Description as the site identifier



Issue #	Title	Description
53	Sites repopulates when selecting a site but have filtered by region	Resolved a bug that prevented the site from refreshing when selecting another region.
54	Order sites and parameters by alphabetical order	Reordered sites and parameters alphabetically in the list on the query page.
56	Create 'reset' button on query to start fresh.	Added a reset button so you can easily start new queries.
57	Reformat results for long reports	Improved display of HTML tables to include the name of the site with each parameter, not just at the top of the report.
58	Create a feature that gives a user the ability to bookmark selections made on query page	Added a URL to query results section that can be copied and bookmarked to return to query page selections. Data will be refreshed each time you come back.
60	Add API usage information and example use cases and add navigation "API Usage" to home page	Added application program interface (API) information and examples to help programmers use RWIS in their applications, models, and programs. Now developers can figure out how to query types of data and metadata from RWIS.
62	Create error handling when database is down	If the database or network is down, you will see an error message "We're sorry, we are currently experiencing database issues. Please check back later."
63	Remove bitly url and add the full url	Changed URLs to display as full URLs rather than shortened bit.ly URLs. For example: http://water.usbr.gov/wwwwo/web/app.php/api/series?sites=abiquiureservoir&parameters=Day.Sum.ReservoirEvaporation.af&start=1850-01-01&end=2017-09-16&format=chart .
67	Issues with Water ML2 Format	Fixed a bug so that the WML2 shows the correct URL for the XML code and provides the correct tags: Sourceinfo, Variable, Values.
68	RWIS GeoJSON can't be read by mapping APIs	Fixed a bug so that now GeoJSON output coordinates are read as strings instead of numbers.
69	Create captcha for the contact us page	Added a "captcha" to the comment form to protect against spam by distinguishing between human inputs and bots.
73	Add page for Monthly Updates	Added a page for monthly updates describing RWIS/RISE project team activities.
78	Add Release Notes	Create and post release notes for each future release.
82	Update footer to new USBR template	Update footer to follow Department of Interior template

