



RISE Release 2.15.3

August 13, 2025

Release Description

RISE Release 2.15.3 is a minor release addressing 20 tickets, including four changes to the RISE website, two changes to metadata files, one change to the RISE API, one change to the Reservoir Conditions visualization page, one change to the map interface, and six bug fixes and five changes to the Data Admin UI. Changes to the RISE website include enabling the use of Boolean operators in searches on the catalog and time series query pages, fixing how minus operators work in searches, and fixing display of the API documentation on mobile devices. Changes to metadata includes the addition of DCAT-US 1.1 metadata files for RISE items to support the Department of the Interior's data inventory and changes to RISE ISO metadata file options. The change to the RISE API replaces code annotations with attributes to prepare for API platform upgrades. The change to the Reservoir Conditions visualization page adds a link to the csv file containing the data for the visualizations. The change to the map interface replaces the Watershed Boundaries layer with a new version that shows watershed boundaries at higher zoom levels. Bug fixes and changes in the Data Admin UI include fixing errors with breadcrumb links, fixing inaccurate times associated with the Catalog Item First Publication Date, ensuring that users' datasets appear in the My RISE Datasets section of the home page, fixing multiple issues with Data Admin UI forms, fixing errors that occurred when users tried to login on multiple tabs after being automatically logged out due to inactivity, and fixing typos and clarifying instructions on forms.

Issues Addressed in this Release

RISE Website

Issue #	Issue Title	Issue Resolution
1223	Mobile Device Formatting Issue: Content Displays as Two Characters Down Mobile Page	On mobile devices, text on the RISE API page was difficult to read due to text wrapping after two characters. Text now wraps without breaking words, and line lengths have been adjusted to show at least three full words, or approximately 25 characters per line.
1328	Bug - Minus Symbol Returns Inaccurate Results	This ticket corrects the way the search feature performs when a user includes the minus (-) operator on the Catalog Search page and the Time Series Query page. When a minus operator is used before a search term, no result



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		should be returned that has the search term anywhere in the searched fields. When a minus operator is used before all search terms, the search should return results for which the searched fields do not include the search term.
1369	Bug - Catalog Search Operators Not Working Correctly	This ticket enables the use of Boolean operators (AND, NOT, and OR) in searches on the Catalog Search and Time Series Query page. Minus and plus operators are also be converted to Boolean operators under certain conditions, and logic for dealing with multiple operators in a row, hyphenated terms, and hanging operators has been adjusted.
1395	Bug - Time Series Query Page Search Results	This ticket addresses a bug that caused Catalog and Time Series Query search results to include results that matched on associated records or items that were hidden in the search results. Catalog Search page logic was revised to only return records if the search term is found in the catalog record title, description, or tags of active records that have at least one active associated item, or the item title or description of active items. The Time Series Query page search logic was revised to return locations only if the search term is found in the location name, description, or tags of active locations that are associated with at least one active catalog record with at least one active time series item, or on the catalog record title, description, tags or generation effort of active catalog records with at least one active time series item, or on the item title and description of active time series items.

Metadata

Issue #	Issue Title	Issue Resolution
1405	Produce DCT 1.1-US JSON Files for Datasets Published in RISE	DCAT-US 1.1-compliant metadata is now generated for all active RISE catalog items. This metadata is accessible via a downloadable dcat.json file containing all active items (updated daily), through the /catalog-item API endpoint when the header application/ld+json is used, and through a new /catalog-dcat.json endpoint that requires the desired



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		item IDs to be specified. All required DCAT fields are included, along with optional fields where corresponding RISE data is available.
1406	Update ISO xml files generated by RISE to Conform to GIS Program ISO requirements	The process for generating ISO metadata files from RISE catalog records and items was updated to include additional fields that are part of the Reclamation geospatial metadata requirements. In addition, the user-uploaded metadata file was separated from the auto-generated ISO metadata file process. Two types of ISO metadata files for each RISE catalog record and item are now possible: one auto-generated and one manually uploaded. Auto-generated files are created on-demand via API endpoints and can be downloaded directly from the Catalog Record and Item forms but cannot be removed by users. Manually uploaded files can be added, replaced, or deleted by users, with clear messaging and helper text to guide updates. Additionally, a cleanup script was deployed to remove legacy auto-generated files from the database, ensuring only user-uploaded files are retained going forward.

API

Issue #	Issue Title	Issue Resolution
1339	API- Convert Code Annotations to Attributes	As a precursor to the planned upgrade of the RISE API platform, this ticket replaces older deprecated syntax (Annotations) with Attributes.

Visualizations

Issue #	Issue Title	Issue Resolution
1357	Add Link to CSV File to Reservoir Conditions Page	A link was added under the "Static Reservoir Storage Map" section of the Reservoir Conditions page to allow users to download the reservoir storage data as a CSV file for a selected date.



Map Interface

Issue #	Issue Title	Issue Resolution
1420	Adjust Zoom Level for 8-digit HUC	The Watershed Boundaries layer previously included Hydrologic Units up to HUC-8. The layer was updated to include all HUC levels up to HUC-16 so watershed boundaries will continue to be shown when zooming beyond HUC-8 zoom limit.

RISE Data Admin UI (not publicly accessible)

Issue #	Issue Title	Issue Resolution
506	Catalog Item First Publication Date Issue	This ticket standardizes how the time portion of the 'Catalog Item Publication First Publication Date' field is handled and displayed. Previously, the system assigned the current system timestamp to a date that was entered by the user. Now the system assigns a time of 12:00:00 UTC to all dates. The date format shown in email notifications to RISE Admins was also updated to MM/DD/YYYY to match the format used in the form.
1151	Fix Typo in List of Supported Extensions Under Upload Catalog Item File Description	A typo in the list of allowable file extensions in the helper text for the "Upload Catalog Item File" field on the Catalog Item Add Form was fixed with the addition of a space between ".7z" and ".csv".
1163	BUG: Error When Using Breadcrumb Link on Publication File Set Form	The breadcrumbs on the Publication File Set Edit Form, Publication File Set Delete Form, Catalog Items By Publication File Set List page and Assign Catalog Items to Publication File Set page were modified to remove breadcrumb links that were inconsistent with breadcrumbs on other pages and caused an error when clicked.
1211	Fix Instruction for the Time Zone Field on Location Add Form	The instructional text under the 'Location Timezone' field on the Location Add Form was updated for clarity and consistency. Specifically, the phrase "This is used for time display." was removed from the POINT LOCATION METADATA section when the "Point" option is selected in the 'Location Geometry' field.



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1334	Modify managed_file Field Errors to No Longer Throw Exceptions	Managed_file code was updated to prevent assertion errors from occurring in local environments when viewing the managed_file field on the Location Form. The system no longer assigns default file values when catalog records or items are null, which previously triggered backend. Default files are only applied when editing existing records or items, and error handling was added to capture any unexpected errors.
1335	Upgrade Leaflet to 1.9.4	Leaflet was upgraded from version 1.5.1 to 1.9.4 in the RISE Data Admin UI. This update includes the latest bug fixes, performance improvements, and new features released since the previous version.
1351	BUG: Fix Homepage My RISE Datasets section to include all records/items	This ticket resolved a bug that caused users to not see records they had authored or edited in the "My RISE Datasets" list and My Datasets page that occurred when the logged-in user was not listed in the Entity table. The fix ensures these records now appear, even if the user is not listed in the Entity table, by handling null entity Id values introduced during a recent Drupal update.
1355	Bugs: Multiple Issues with Data Admin UI Forms	This ticket addresses several bugs on Data Admin UI forms, including errors, values being unexpectedly added to fields when saving as Work in Progress with fields left blank, required field indicators being removed when refreshing dropdown lists, and updated values not appearing in emails to RISE administrators when a field value is changed.
1374	Bug: With Multiple Tabs are Open in Data Admin UI when logged out Users Receive Error Message stating Access Denied	A bug related to session timeouts for SAML users in the RISE Data Admin UI was fixed. Previously, users who were logged out due to inactivity and then clicked the "USBR Active Directory Login" button in another open tab could encounter an Access Denied error. The system now allows users to log back in from any open tab without error, without needing to re-enter credentials.



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1376	Modify Drupal Auto-logout Feature	To align with cybersecurity logging requirements, RISE Data Admin UI logout events for Active Directory (AD) users who are automatically logged out due to inactivity or who use the logout button on the modal that appears after 10 minutes of inactivity are now captured in both the custom logs used for Splunk dashboards and in Drupal logs. Previously, only local account logouts were recorded. The update also brings the session timeout modal into compliance with ARIA standards and adds a focus trap, so users remain within the modal until action is taken.
1402	Bug: Catalog Item Add Form, Catalog Item Title Text Does Not Update When User Makes a Change	Resolved in this ticket are three issues in the Catalog Item Add/Edit Form: the suggested title now updates correctly when the 'Catalog Record' field changes; the 'Catalog Item Location Name' field refreshes as expected for Time Series items; and when the spatial short description is left blank, a placeholder is now included in the suggested title.