

PRMS QA/QC Tool Implementation

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Snow Surveys

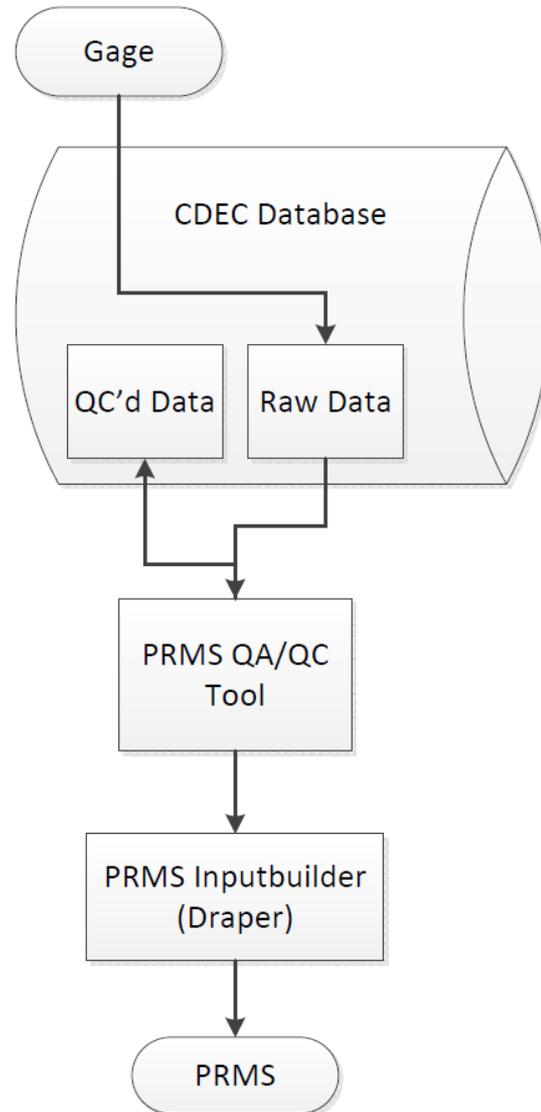
Overview

- Purpose
- How it works
- User Interface
- Data Validation
- Cooperator Access
- Admin Access
- Future Development

Purpose

- We all need better water supply forecasts
- We all need better data
- QA/QC Tool helps all of us get better data
- Streamlines building PRMS input files

QA/QC Tool and Input File Builder



Watershed: Start Date: End Date:     

Individual Temperature Individual Precipitation All Temperature Gages All Precipitation Gages 

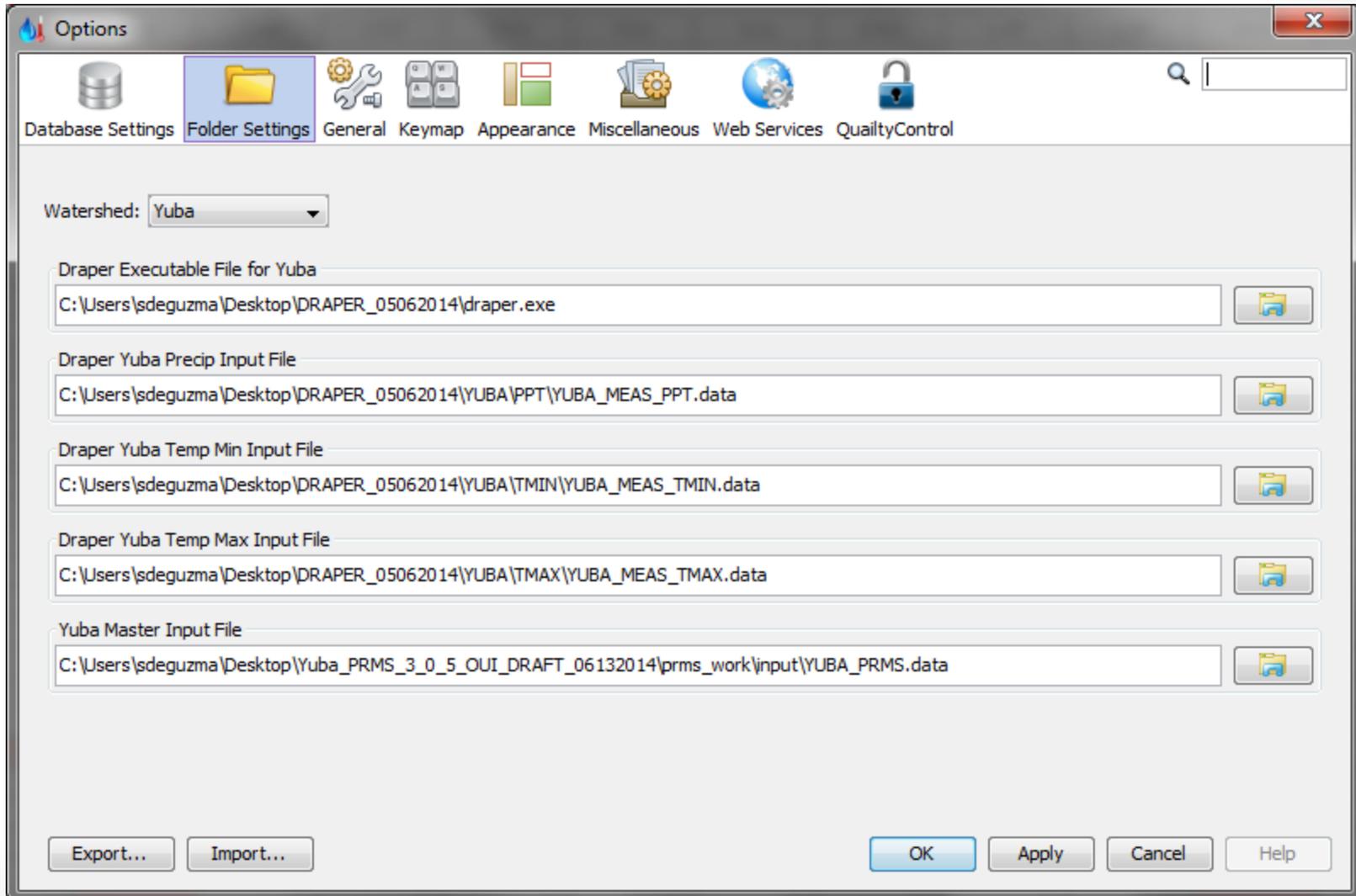
DATE	ALY	BGR	BLC	BOL	C84	CAM	CCT	DNV	FBS	GOL	ENG	LAP	LSP	BUL	PKC	RDH	SBY
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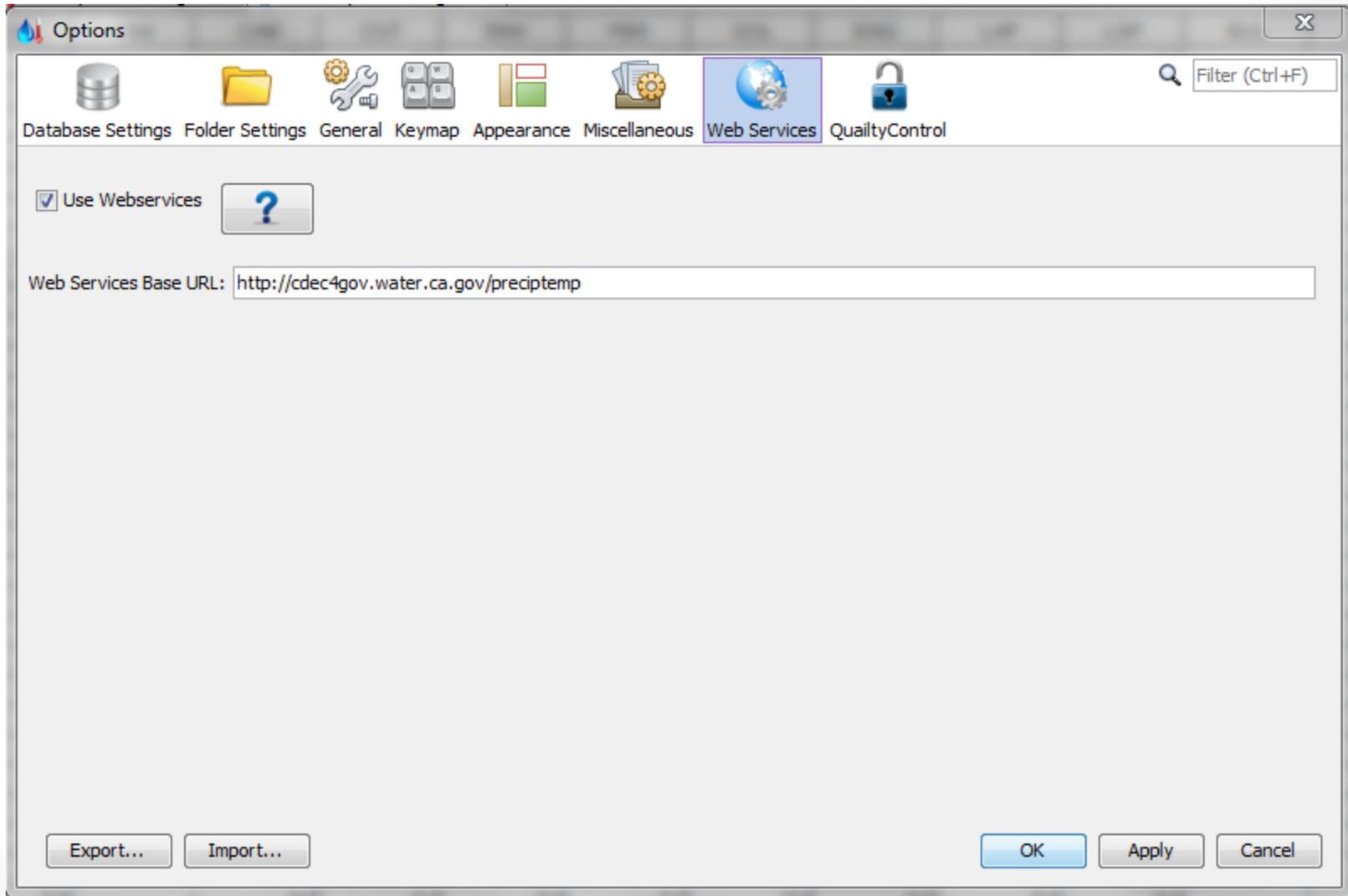
All Transactions 
Data Type: Station: Transaction Status:

Type	Station	Date	Old Value	New Value	User	Transaction Date	Transaction ID	Comments

Folder Settings



Cooperator Access



Username and Password

The screenshot shows a window titled "Options" with a search bar in the top right. A horizontal menu contains icons for Database Settings, Folder Settings, General, Keymap, Appearance, Miscellaneous, Web Services, and QualityControl (which is selected). The main area is titled "Quality Control Settings" and contains the following fields and controls:

- User Name:
- Password:
- Remember Me?
- Unlocked: 
- New Password:
- Refresh: 

At the bottom, there are buttons for "Export...", "Import...", "OK", "Apply", "Cancel", and "Help".



All Transactions 88

Data Type: ALL Station: ALL Transaction Status: All

Type	Station	Date	Old Value	New Value	User	Transaction Date	Transaction ID	Comments
Approved	GOL	Aug 01, 2014	0.28		JAKE	Oct 23, 2014	508	Blank out seems, like malfunction
Approved	GOL	Aug 08, 2014	0.04		JAKE	Oct 23, 2014	509	blank out seems wrong
Approved	GOL	Aug 09, 2014	0.04		JAKE	Oct 23, 2014	510	blank out seems wrong
Approved	GOL	Aug 12, 2014	0.16		JAKE	Oct 23, 2014	511	blank out seems wrong
Approved	GOL	Aug 14, 2014	0.04		JAKE	Oct 23, 2014	512	blank out seems wrong
Approved	GOL	Aug 15, 2014	0.12		JAKE	Oct 23, 2014	513	blank out seems wrong
Approved	BOL	Aug 17, 2014	0.34		JAKE	Oct 23, 2014	514	blank out seems wrong
Approved	BOL	Aug 25, 2014	0.16		JAKE	Oct 23, 2014	515	blank out seems wrong
Approved	BOL	Sep 15, 2014	0.26		JAKE	Oct 23, 2014	516	blank out seems wrong
Approved	FBS	Sep 17, 2014	0.38		JAKE	Oct 23, 2014	517	blank out seems wrong
Rejected	ENG	Jul 25, 2014	37.17		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Jul 26, 2014	38.5		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Jul 27, 2014	38.44		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Jul 28, 2014	36		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Jul 29, 2014	37.44		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Jul 30, 2014	38.83		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Jul 31, 2014	40		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 01, 2014	40.22		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 02, 2014	38.78		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 03, 2014	31.56		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 04, 2014	25.72		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 05, 2014	24.44		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 06, 2014	33.44		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 07, 2014	34.94		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 08, 2014	36.11		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 09, 2014	33.67		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 10, 2014	32.61		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 11, 2014	36.67		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 12, 2014	32.11		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 13, 2014	31.39		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 14, 2014	32.56		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 15, 2014	34.44		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 16, 2014	35.72		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 17, 2014	35.22		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 18, 2014	33.83		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 19, 2014	31		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 20, 2014	29.33		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 21, 2014	31.94		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 22, 2014	31.68		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 23, 2014	32.43		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 24, 2014	32.8		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 25, 2014	29.82		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 26, 2014	31.99		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 27, 2014	33.52		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 28, 2014	35.39		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 29, 2014	31.87		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 30, 2014	34.46		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin
Rejected	ENG	Aug 31, 2014	33.72		SEANTEST	Oct 23, 2014	519	Min and max temperatures significantly different than other stations in basin

Future Development

- Incorporate future PRMS models
- Make more user-friendly and intuitive
- Graphing capabilities
- Incorporate flows
- Release to cooperators when available



QUESTIONS?