Test Case Site Specific

for

Contract DG133W-05-CQ-1067

Advanced Weather Interactive Processing System (AWIPS)
Operations & Maintenance

AWP.TE.SWCTR/TO10-0010

Prepared for:

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Revision History

Revision	Date	Affected Pages	Explanation of Change
Draft	21 Nov. 2008	ALL	Initial Draft
1	16 Jan. 2009	ALL	Result of NWS comments and PDT.
2	6 Feb. 2009	iii, 3	Result of DT

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1.0 SCOPE

See TO10 Software Test Plan.

2.0 APPLICABLE DOCUMENTS

2.1 Source Documents

- None

2.2 Reference Documents

- Legacy NWS Test Cases: Baseline _SSHP_OB8.1; Checkout_SSHP_OB8.1.
- TO10 Software Test Plan for the Advanced Weather Interactive Processing System Project, Contract #DG133W-05-CQ-1067, January 2009.
- The Silver Spring NWS AWIPS 1 test bed application.
- Rational RequisitePro.

3.0 TEST CASE DESCRIPTION

This test case demonstrates that AWIPS provides the capability to execute the WHFS Site Specific Hydrologic Prediction software (SSHP). The SSHP software allows a WFO to run a simple hydrologic model for a single point.

3.1 Assumptions, Constraints, and Preconditions

- TO10 software has been installed successfully.
- CAVE, EDEX and pgAdmin III are running.
- Data has been ingested.
- Actions, Results, and Requirement highlighted in gray indicate requirements and/or capabilities to be included in the scope of future task orders. They are included here for purposes of continuity and traceability with the original AWIPS I test case documents.

3.2 Recommended Hardware

See TO10 Software Test Plan.

3.3 Test Inputs

Section 4.0 contains the test procedures for this test case. Sections 2.2 – 2.9 of the TO10 Software Test Plan contain general test inputs applicable to all TO10 test cases. Grayed out test step(s) indicate functionality not yet delivered.

3.4 Test Outputs

The results outlined in section 4.0 are met.

4.0 TEST SCENARIO

Step #	Action	Result	Pass/Fail
NOTE: Steps 1 -10 and 103-106 are a workaround until DR1900 is implemented			
1.	On a workstation, launch a terminal window on the workstation.	Terminal window is at user prompt on the workstation.	
2.	pwd Should be in the /home/awips directory. If not, cd to /home/awips	The window displays the prompt in the /home/awips directory.	
3.	ls –l to view the files. If there is no logs or config sub-directory listed, complete step 4 and 5.	The files are viewed.	
4.	mkdir logs mkdir config	Makes the logs and config directories.	
5.	ls –l	Verify the sub-directories are listed.	
6.	Exit to log out and close the terminal window.	The terminal window is closed.	
7.	In CAVE, from the 'CAVE' pull-down menu, select 'Preferences' then 'Hydro Apps'.	The Hydro Apps preferences are displayed.	
8.	In the text box for Config Directory, change the '/home/config' to '/home/awips/config'.	The Config Directory path is changed.	
9.	In the text box for Log Directory, change the '/home/logs' to '/home/awips/logs'.	The Log Directory path is changed.	
10.	Select 'Apply' and 'OK'. Exit CAVE and restart the application.	CAVE is closed and restarted.	
11.	In CAVE, Mouse Button (MB) 1 click on the Perspectives icon and select 'Hydro' from the dropdown menu if available. If not available, select 'Other…'. Then select 'Hydro' from the Open Perspective dialog.	The Hydro Perspective displays in CAVE.	
12.	From the 'HydroApps' pull-down menu, select 'Launch SSHP…'.	The Site Specific Hydrologic Predictor Control window opens and the available stations display in the window.	
13.	From the 'Configuration' menu of the SSHP GUI, select 'Configure Fcst Points for SSHP'.	The SSHP Config window comes up with the first record selected by default.	
14.	MB1 click on the 'Clear' button within the SSHP Config window.	The values in the text boxes are cleared out. The Model Preference changes to API-MKC. The Source Preference changes to 'LOCAL'. Posting time is set to 'Not Posted Yet.'	
15.	Enter the following values in the text fields after MB1 clicking 'Clear': LID: 'ABCD1' Basin ID: 'ABCD1'	Settings change.	

Step #	Action	Result	Pass/Fail
	Model Preference: 'SAC-SMA' Update States Locally?: unchecked Source Preference: 'RFC' Use ET Demand Curve?: unchecked		
16.	MB1 click on 'Save' after entering the data.	The table updates showing the new entry. The data displayed in the table is the same as what was entered in the text fields.	
17.	Select another LID from the table.	The text fields in the GUI show the data of the LID selected.	
18.	Select the 'ABCD1' LID from the table and MB1 click on 'Delete'. When the confirmation dialog appears, select 'Yes'.	After selecting Yes, the Config is deleted and the table refreshes.	
19.	MB1 click on the 'Close' button	The SSHP Config window closes and the Control Window becomes active.	
20.	From the 'Configuration' menu of the SSHP GUI, select 'MAPE Monthly Values Editor'.	The MAPE Monthly Values Editor window displays.	
21.	MB1 click on the 'Close' button	The MAPE Monthly Values Editor window closes.	
22.	From the 'Configuration' menu of the SSHP GUI, select 'SAC-SMA Parameters Editor'.	The SAC-SMA Parameters Editor window displays.	
23.	MB1 click on the 'Close' button	The SAC-SMA Parameters Editor window closes.	
24.	From the 'Configuration' menu of the SSHP GUI, select 'SAC-SMA States Editor'.	The SAC-SMA States Editor window displays.	
25.	MB1 click on the 'Close' button	The SAC-SMA States Editor window closes.	
26.	From the 'Configuration' menu of the SSHP GUI, select 'Rating Curve Editor'.	The Rating Curve Editor window displays.	
27.	MB1 click on the 'Close' button	The Rating Curve Editor window closes.	
28.	From the 'Configuration' menu of the SSHP GUI, select 'Unit Hydrograph Editor'.	The Unit Hydrograph Editor window displays.	
29.	MB1 click on the 'Close' button	The Unit Hydrograph Editor window closes.	
30.	From the 'Extra' menu, select 'Run MAP Preprocessor'.	The MAP Preprocessor runs in the status window. A log is created in the log directory. There are warnings about files missing and this is normal. For the files that do exist, data is inserted into the ProcValue table with duration of 1001, and a PE of 'PP'. The lid is the same as	

Step #	Action	Result	Pass/Fail
		the Basin Id specified in the SSHPConfig Window.	
31.	MB1 click on the button labeled 'Analysis Window' from the Control Window.	The Analysis window appears. The Rainfall-Runoff Model matches the one set within the SSHP Config window for that particular LID.	
32.	Change the Rainfall-Runoff Model to 'SAC-SMA'.	If the station was set for the API-MKC model, the API-MKC settings panel changes to the SAC-SMA settings panel. The model run start time label should indicate the same time as the model state selected in the state drop-down box below it. The model run start time indicated by the vertical magenta line on the precip graph and the hydrographs should also match the model run start time.	
33.	MB1 click the 'Refresh State List' button.	The contents of the state drop-down box are updated based on the contents of the database. If the previously selected state is still available, it is selected. Otherwise, the first item in the list is selected. If no states are available for that location in the database, there is a default state that is selected. It is named 'BOGUS DEFAULT State' to indicate the lack of proper data.	
34.	Draw some precip bars in the 1 Hour Mean Areal Precip Time Series graph. Then MB1 click 'Reload Precip.'	The precip bars appear as drawn. After clicking 'Reload Precip', the application reloads the precip time series with the data in the database. Missing data in the database appears as zero precip. The drawn precip bars disappear and are replaced with whatever mean areal precip (MAP) data is available for that basin.	
35.	MB1 click 'Reload Stream Obs'.	The latest observed stage readings displays in the hydrograph. This becomes more obvious, if 1) there is a live data feed with river stages and 2) another reading is added after the Analysis The window has been started.	
36.	Change the 'Rainfall-Runoff Model' option to 'API-MKC'.	The API-MKC Settings Panel replaces the SAC-SMA Settings Panel.	
37.	Action: MB1 click on the button labeled with a blue double left arrow (<<).	Both graphs shift back in time by 24 hours	
38.	MB1 click on the button labeled with a blue	Both graphs shift forward in time by 24	

Step #	Action	Result	Pass/Fail
	double right arrow (>>).	hours	
39.	MB1 click on the button labeled with a blue single left arrow (<).	Both graphs shift back in time by 1 hour.	
40.	MB1 click on the button labeled with a blue single right arrow (>).	Both graphs shift forward in time by 1 hour.	
41.	MB1 click on the button labeled with a blue double right arrow (>>) 3 times. MB1 click the button with the circle icon.	After clicking the double right arrow, both graphs shift forward in time by 72 hours. Then, after clicking the circle button, the graphs return to the 'home' position with the vertical magenta line approximately one-third of the graph display to the right of the left-most position.	
42.	MB1 click the 'Scale to Flood Stage' checkbox.	When the checkbox is checked, the flood stage (if set in database) and the action stage (if set in database) displays as red and yellow horizontal lines, respectively, on the lower graph. When it is not checked, the red and yellow lines appear only if they are within the scaling range of the lower graph. For example, if the highest observed stage is 24.7 and the highest forecast stage is 25, then a flood stage of 52.6, is not displayed. However, if the flood stage is 20, then the flood stage and action stage appears.	
43.	MB1 click the 'Show Obs Stages' checkbox.	When the checkbox is checked, the observed hydrograph (yellow circles) appears in the bottom graph. When it is not checked, the observed hydrograph does not appear.	
44.	MB1 click the 'Show Minor Precip Lines' checkbox.	When the checkbox is checked, the dotted horizontal lines appear in the precip graph (upper graph). When it is not checked, the dotted horizontal lines do not appear.	
45.	MB1 click the 'Show Minor Stage Lines' checkbox.	When the checkbox is checked, the dotted horizontal lines appear in the hydrograph (lower graph). When it is not checked, the dotted horizontal lines do not appear.	
46.	MB1 click anywhere above the zero line to the left of the vertical magenta line (model run time) on the upper graph.	The vertical magenta line signifies the model run time. Since the user clicked to the left of the magenta line, it has no effect on the stage graph below and no blue bars appear.	

Step #	Action	Result	Pass/Fail
47.	MB1 click anywhere above the zero line to the right of the vertical purple line (model run time) on the upper graph.	A blue bar appears where the user clicked on the graph. Since the user clicked to the right of the vertical magenta line (model run time), the bottom graph changes accordingly. Any precipitation that is shown before the model run time (left of the vertical magenta line) is not used in calculating the runoff.	
48.	Directly under one of the previously created blue precip bars, MB1 click on the upper graph.	The blue bar disappears after clicking below the zero line.	
49.	MB1 click and slowly drag anywhere above the zero line in the precip graph. After some mouse travel, release the mouse button.	Precip bars are created where the mouse traveled. If the mouse moved too fast, some GUI event loss is expected and some precip bars will be missing. As each precip bar is created, the model is rerun. This is seen in the hydrograph (the lower graph).	
50.	Check the 'Delay Rerun While Drawing' check box in the Graph Controls Panel. MB1 click and drag anywhere above the zero line in the precip graph. Release the mouse button.	Precip bars are created where the mouse traveled. Less event loss should occur and the model is rerun only after the mouse button is released or the mouse cursor leaves the precip graph.	
51.	Above the zero line and to the right of the magenta vertical line, MB3 on the hydrograph (the lower graph).	The forecast hydrograph (the connected green Xs) changes to reflect the point where the user clicked.	
52.	MB1 click on the precip graph, creating a precip bar.	The forecast hydrograph is recomputed, losing the change made in the previous step.	
53.	MB1 click on the button labeled 'Capture Screen'. Enter picture1.jpg for the File Name. MB1 click on 'Save' after typing in the name.	The Save dialog appears prompting the user for a filename. After entering picture1.jpg and clicking on the 'Save' button, the screen is captured to the specified filename and the save dialog closes. MB1 clicking 'Cancel' results in a dialog box informing the user that the image file was not saved. MB1 clicking 'Save' button returns the user to the Analysis window.	
54.	MB1 click on the button labeled 'Control Window'.	The SSHP Control Window appears in the foreground. The user is able to open up multiple analysis windows per Control Window.	
55.	In the 'Model Controls' Panel, select 'API-MKC' as the Rainfall-Runoff Model.	The API-MKC Settings Panel displays.	

Step #	Action	Result	Pass/Fail
56.	In the API-MKC Settings Panel, check the 'Use Custom Time' check box.	The Model Run Start Time changes to the time indicated next to the check box. This changes the model run start time on the precip graph and the hydrograph. The only circumstance in which the Model Run Start Time Label disagrees with the selected product time is when this check box is checked and the selected custom time is different.	
57.	In the API-MKC Settings Panel, MB1 click on the time control next to the Use Custom Time check box. Change the time and MB1 click the 'Apply' button.	A date-time editor window appears. The time changes as a result of clicking the up and down blue triangles. After clicking the 'Apply' button, the model run start time changes to the newly selected time. This is reflected in the Model Controls Panel and the graphs.	
58.	In the API-MKC Settings Panel, uncheck the 'Use Custom Time' check box.	The Model Run Start Time returns to the value selected in the model state drop-down box below the Model Run Start Time Label.	
59.	In the API-MKC Settings Panel, change the FFH value in the text box next to the 'FFH(inches):' label to '7'. MB1 click the 'Apply' button in the same panel.	The forecast model is rerun and a new forecast stage time series displays in the hydrograph display.	
60.	In the API-MKC Settings Panel, change the Threshold Runoff value in the text box next to the 'Threshold Runoff(inches):' label. MB1 click the 'Apply' button in the same panel.	The model is rerun and a new forecast stage time series displays in the hydrograph display.	
61.	In the API-MKC Settings Panel, MB1 click the 'Reload' button associated with the FFH (inches) line.	The previously selected FFH value load from the selected item in the state list placed in adjacent text box. The model has been rerun and the new forecast hydrograph displays.	
62.	In the API-MKC Settings Panel, MB1 click the 'Reload' button associated with the T. Runoff (inches) button.	A new value (usually the same as the original) loads from the database placed in adjacent text box. The model has been rerun and the new forecast hydrograph displays.	
63.	In the Model Controls Panel, change the Rainfall-Runoff model to 'SAC-SMA'. MB1 click on the button labeled 'Edit Params' from the Analysis window.	The SacSma Parameters window appears. In the table, Basin ID, Source, and Valid Times are listed for each record. Clicking on any Basin ID populates the text fields with the appropriate data.	
64.	MB1 click on the Valid Time Text Field.	The Date/Time Display appears providing	

Step #	Action	Result	Pass/Fail
		the user with a GUI interface to set the date/time. Clicking on the up and down arrows increases and decreases the value respectively. The Date/Time Display takes account of Leap Years as well. MB1 clicking on 'Apply' sets the Valid Time to the selected time and closes the Date/Time Display. MB1 clicking on 'Cancel' closes the Date/Time Display without changing the time.	
65.	MB1 click on the 'Clear' button.	All of the text fields are cleared out. The Valid-Time text field is set to 'yyyy-mm-dd hh:mm:ss'.	
66.	Enter the following data into the text fields. Then MB1 click on the 'Save' button: Basin ID: ABCD1 Source: RFC Valid Time: current time UZTWM: 15.0 UZFWM: 15.0 UZK: 0.3 PCTIM: 0.04 ADIMP: 0.3 RIVA: 0.0 ZPERC: 95.0 REXP: 3.0 LZTWM: 90.0 LZFSM: 80.0 LZFPM: 170.0 LZSK: 0.225 LZPK: 0.012 PFREE: 0.1 RSERV: 0.3 SIDE: 0.0 PEADJ: 1.0 PXADJ: 1.0 EFC: 0.0	Settings changed.	
67.	MB1 click on the 'Save' button.	If there is already a record in the table with the same Basin ID, Source, and Valid Time entered in the text fields, clicking on Save updates the record with the changes from the text field. If the Basin ID, Source, or Valid Time are	

Step #	Action	Result	Pass/Fail
		unique, clicking on Save inserts a new record. MB1 clicking on the Valid Time text field brings up a Date/Time GUI which was tested in step 64. MB1 click on the 'Apply' button within the Date/Time GUI to set the valid time to the current time. MB1 clicking on the 'Save' button inserts the new record into the database. The record is saved in the SacSmaParams table.	
68.	Select the record that was just inserted in the previous step. MB1 click on the 'Delete' button.	A confirmation dialog box appears stating whether to delete the Param or not. MB1 clicking 'No' returns the user back to the SacSma Parameters window. MB1 clicking 'Yes' deletes the selected Param and refreshes the table.	
69.	MB1 click on the 'Close' button.	The 'SacSma Parameters' window closes.	
70.	MB1 click on the button labeled 'Edit States' from the Analysis window.	The SacSma State window appears. In the table, Basin ID, Source, and Valid Times are listed for each record. MB1 clicking on any Basin ID populates the text fields with the appropriate data.	
71.	MB1 click on the 'Valid Time/Basis Time Text Field'.	The Date/Time Display appears providing the user with a GUI interface to set the date/time. MB1 clicking on the up and down arrows increases and decreases the value respectively. The Date/Time Display takes account of Leap Years as well. MB1 clicking on 'Apply' sets the Valid Time/Basis Time to the selected time and closes the Date/Time Display. MB1 clicking on Cancel closes the Date/Time Display without changing the time.	
72.	MB1 click on the 'Clear' button.	All of the text fields are cleared out. The Valid-Time and Basis Time text fields are set to 'yyyy-mm-dd hh:mm:ss'.	
73.	Enter the following data into the text fields. Then MB1 click on the 'Save' button: Basin ID: ABCD1 Source: RFC Valid Time: current time Basis Time: current time UZTWC: 31.02	The settings change.	

Step #	Action	Result	Pass/Fail
	UZFWC: 0.0090 LZTWC: 31.94 LZFSC: 0.01079483884 LZFPC: 68.4223323 ADIMC: 62.04		
74.	MB1 click on the 'Save' button.	If there is already a record in the table with the same Basin ID, Source, and Valid Time entered in the text fields, MB1 clicking on Save updates the record with the changes from the text field. If the Basin ID, Source, or Valid Time are unique, MB1 clicking on Save inserts a new record. MB1 clicking on the Valid Time text field, bring up a Date/Time GUI which was tested in step 64. MB1 click on the 'Apply' button within the Date/Time GUI to set the valid time to the current time. MB1 clicking on the 'Save' button inserts the new record into the database. The record is saved in the SacSmaState table.	
75.	Select the record that was just inserted in step 74. MB1 click on the 'Delete' button.	A confirmation dialog box appears stating whether to delete the State or not. MB1 clicking 'No' returns the user back to the 'SacSma State' window. MB1 clicking 'Yes' deletes the selected State and refreshes the table.	
76.	MB1 click on the 'Close' button.	The 'SacSma State' window closes.	
77.	MB1 click on the button labeled 'MAPE Monthly Values' from the Analysis window.	The 'Monthly Value Editor' window will come up. In the table, Loc ID, PE, Dur, TS, Extremum, and Adjustment are displayed for each Location. MB1 clicking on any Loc ID populates the text fields below. Only records that have a PE value of EA display in the table. The PE text field is uneditable and is set to EA.	
78.	MB1 click on the 'Clear' button.	All of the text fields are cleared out. The Posting Time changes to 'Not Posted Yet.' The Duration defaults to 1 hour. The Adjustment check box is unchecked.	
79.	Enter the following data into the text fields. Then MB1 click on the 'Save' button: Basin ID: ABCD1 PE: EA	The settings change.	

Step #	Action	Result	Pass/Fail
	Duration: 3 hours TS: FZ Extremum: Z Adjustment: Checked January: 0.7 February: 0.5 March: 0.4 April: 0.2 May: 0.3 June: 1.2 July: 1.1 August: 1.1 September: 1.1 October: 0.9 November: 0.8 December: 0.8		
80.	MB1 click on the 'Save' button.	If there is already a record in the table with the same Basin ID, PE, Dur, TS, Extremum, and Adjustment entered in the text fields, MB1 clicking on Save updates the record with the changes from the text field. If the Basin ID, PE, Dur, TS, Extremum, or Adjustment is unique, MB1 clicking on Save inserts a new record.	
81.	Select the record that was just inserted in step 80. MB1 click on the 'Delete' button.	A confirmation dialog box appears stating whether to delete the record or not. MB1 clicking 'No' returns the user back to the Monthly Value Editor window. MB1 clicking 'Yes' deletes the selected record and refreshes the table.	
82.	MB1 click on the 'Close' button.	The Monthly Value Editor window closes.	
83.	From the 'View/Edit' menu, select 'Forecast Stage Editor' from the Analysis window.	The Forecast Stage Editor window appears. The Time, Stage, Discharge, and or missing value (if applicable) displays. The discharge is uneditable and is calculated from the given Stage value.	
84.	Select a stage and delete the value in the text box. Then MB1 click on another text box. (Note: If no selection can be made, MB1 click on the Forecast State Time Series graph and select a stage.)	After MB1 clicking on the second text box, the first text box automatically has a 0.0 entered into it. The corresponding discharge value updates to reflect this change.	
85.	MB1 click on the 'Missing Value?' checkbox for the first row changed in Step 63.	The Stage reloads its old value in place of the 0.00. The corresponding discharge	

Step #	Action	Result	Pass/Fail
		value updates to reflect this change.	
86.	Change one of the Stage values to '45.0'. Then MB1 click on the 'Apply' button.	The TimeSeries updates with the new data. The bottom graph reflects this change.	
87.	MB1 click on the 'Close' button.	The Forecast Stage Editor window closes.	
88.	Note: 'Save FcstHeight', 'Save FcstDischarge..' and 'Save Evap' all use the same GUI. As a result, the following steps test each window out. From the 'Save' menu, select 'Save Forecast Stage'.	The Save Forecast window appears. The Physical Element is set to HG for Save FcstHeight, QR for Save FcstDischarge, and EA for Save Evap. They cannot be edited. There is a Type Source (TS) and a SHEF Qualifier combo box. The Product ID text box is blank. The Basis Time and the Product Time are set to the current time.	
89.	Change the type source to 'FG'. Change the SHEF Qualifier to 'Z'. Enter 'Test1' in the Product ID. MB1 click on the 'Save to Database' button.	If the insert is successful, a dialog appears stating so. If the insert fails, a dialog appears with an error message.	
90.	MB1 click on the 'Close' button.	The Save Forecast window closes and the Analysis window appears.	
91.	Note: 'Prior Runoff Viewer' and 'Runoff Viewer' both use the same GUI. As a result, the following steps test both windows out. From the 'View/Edit' menu, select 'Prior Runoff Viewer'.	The 'Prior Computed Runoff' window appears. The Time, Runoff and missing values display. If there is no prior runoff, nothing is displayed below the column headers. The missing value check boxes are disabled as they are not needed here.	
92.	MB1 click on the 'Close' button.	The Prior Computed Runoff window closes.	
93.	From the 'View/Edit' menu, select 'Precip Editor..'.	The Mean Areal Precip Editor window appears. The Time, Precip, and missing values check boxes display.	
94.	MB1 click on any text field and change the value to 45.00'. Then MB1 click on another text field. Then MB1 click on the 'Missing Value?' checkbox for the first text field. (Note: If no selection can be made, MB1 click on the Forecast State Time Series graph and select a stage.)	The value of the text field changes to '-9999.00' when the user MB1 clicks on the second text field.	
95.	MB1 click on the 'Apply' button.	The top graph reflects the change made in the Observed Mean Areal Precip Editor. If the changed value's time is after the model start time, the bottom graph updates to reflect the change in the top	

Step #	Action	Result	Pass/Fail
		graph. If the changed value's time is before the model start time, the bottom graph does not change.	
96.	MB1 click on the 'Close' button.	The Observed Mean Areal Precip Editor window closes and the Analysis window appears.	
97.	From the View/Edit menu, select 'Evapotraspiration Editor..'.	The Mean Areal Potential Evaporation window appears. The Time, Evap and missing values check boxes display.	
98.	MB1 click on any text field and change the value to '45.00'. Then MB1 click on another text field. Then MB1 click on the 'Missing Value?' checkbox for the first text field.	The value of the text field changes to '45.00' when the user MB1 clicks on the text field. The value remains the same when the user MB1 clicks on another text filed box. When user MB1 clicks on missing value the value changes to '-9999.0'.	
99.	MB1 click on the 'Apply' button.	The top graph reflects the change made in the Mean Areal Potential Evaporation window. If the changed value's time is after the model start time, the bottom graph updates to reflect the change in the top graph. If the changed value's time is before the model start time, the bottom graph does not change.	
100.	MB1 click on the 'Close' button.	The Mean Areal Potential Evaporation window closes and the Analysis window appears.	
101.	Select 'Close' from SSHP Analysis window.	The GUI closes.	
102.	Select 'Exit Application' from SSHP Control window.	The GUI closes.	
103.	In CAVE, from the 'CAVE' pull-down menu, select 'Preferences' then 'Hydro Apps'.	The Hydro Apps preferences are displayed.	
104.	In the text box for Config Directory, change the '/home/awips/config' to '/home/config'.	The Config Directory path is changed back to the original path.	
105.	In the text box for Log Directory, change the '/home/awips/logs' to '/home/logs'.	The Log Directory path is changed back to the original path.	
106.	Select 'Apply' and 'OK'. Exit CAVE and restart the application.	CAVE is closed and restarted.	
End of Test			

5.0 REQUIREMENTS VERIFICATION TRACEABILITY MATRIX (RVTM)

Number	Description	Test Step(s)
SYSR3104	The AWIPS system shall implement SiteSpecific dialogs in the Hydroview perspective.	ALL