



TTRs mentioning WarnGen

Number: 19 Date Entered: 07/25/07 Oper. Mode: Non-Operational
 Entered by: Roberts, Woody Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:**
Type of Usage: Independent Validation and Verification (IV&V) **Oper Urgency:** **Type of Issue:** Defect
Reference:

Summary: Warning box disappears if warning text moved across screen

Workaround:

Reporting Site:

Platform meets AWIPS2 min reqs:

Subsystem: Operations

Subsys: CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Roberts, Woody **Date Found:** 07/25/07
Software Version: TO6

Description: The Warning box disappears from the graphics window when the warning text box pops up and is moved across screen so you can see the warning box. You could not "refresh" the screen to get the box to reappear.

TO-8 Update 4/2/08

Problem still occurs - just with the "text warngen" window. Warning box and track will repaint correctly when other windows are moved across the screen. [Also see TTR #59 and TTR #102]

Test Case:

Test case info:

Computer

Config:

Location / Test Environment: GSD / GVAR

Dell Model 221-6149 -- Optiplex Gx270t - 3.20ghz Piv (Single processor)

Disk Drive: Seagate Barracuda 120.0gb 7.2k Rpm 8mb Cache SATA/150

Cd-Writer Drive: Samsung 52/32/52x

Ethernet Adapter: Intel Integrated Gigabit Nic, 10/100/1000

Floppy Drive: Dell 3.5-Inch 1.44mb

Graphics Card: Nvidia Geforce Fx 5200 128mb Agp 8x Vga/Dvi

Memory: Micron 4 x 512mb Pc2700 Non-Ecc Ddr SDRAM Dimm (2GB)

Monitor: Dell Ultrasharp 19 Inch Flat Panel Color W/Dvi

Sound Card: Creative Labs Sound Blaster Live 5.1

Eclipse Beta 3.3

Created By: Leonardo, Dario
Date Created: 07/15/08 06:47 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 07/22/08 03:20 PM

TTRs mentioning WarnGen



Number: 38	Date Entered: 02/25/08	Oper. Mode: WFO CONUS
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Defect
Reference:		

Summary: CAVE Test and Practice Mode GUI color
Workaround:

Reporting Site:
Platform meets AWIPS2 min reqs:
Subsystem: Operations
Subsys CAVE
Components:
Target Task
Order Date:
Target Task
Order::
Response
Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike	Date Found: 01/23/08
Software Version: TO8	

Description: In CAVE test and practice mode, there is not obvious coloring on the GUI (orange for practice mode, black for test mode) to make it clear that the workstation is not in operational mode. The WarnGen GUI does have adequate coloring.

Test Case:
Test case info:
Computer
Config:
Location / Test NHOW
Environment:

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	07/22/08 03:30 PM



TTRs mentioning practice or mode

Number: 40 Date Entered: 02/25/08 Oper. Mode: WFO CONUS
 Entered by: Rega, Mike Frequency: Always

Status: Technical Screen, not assigned Devel Severity:
 Type of Usage: Other Oper Urgency: Type of Issue: Not applicable
 Reference:

Summary: Practice Mode Products are Stored in fxatext Database
 Workaround:

Reporting Site:
 Platform meets
 AWIPS2 min
 reqs:
 Subsystem: Documentation
 Subsys EDEX
 Components:
 Target Task
 Order Date:
 Target Task
 Order::
 Response
 Received:
 Raytheon DR #:

Source Files:

Found by: Rega, Mike Date Found: 01/23/08
 Software Version: TO8

Description: In AWIPS II, products from all workstation modes (operational, test, practice) are planned to be stored in the fxatext database (note further testing showed that products are not actually stored in TO8, see TTR #61). In AWIPS I, only operational and test mode products are stored in fxatext. During the TO8 delivery testing, OPS21 reminded RTS that products created in practice mode must not be disseminated. RTS said that the communications logic (to be delivered in TO11) will assure that only the proper products are disseminated. We reminded RTS that this is a change from the AWIPS I paradigm and that the local applications developers will need to be aware of this change.

3/26/08
 How will operational, TEST and Practice products in fxatext database be identified? Practice products shall not increment ETNs. If the 'textdb' command is made available, how will using that command impact a local application i.e., how will any application be able to tell if a product in fxatext database is operational, TEST or Practice?

Test Case:
 Test case info:
 Computer
 Config:
 Location / Test NHOW
 Environment:

Created By: Leonardo, Dario
 Date Created: 07/15/08 06:48 PM
 Creation Method: XML file import
 Modified By: Thomas, Alissa
 Date Modified: 07/22/08 03:32 PM



TTRs mentioning practice or mode

Number: 41

Date Entered: 02/25/08

Oper. Mode: WFO CONUS

Entered by: Rega, Mike

Frequency: Not applicable

Status: Technical Screen, not assigned

Type of Usage: Other

Reference:

Devel Severity:

Type of Issue: Not applicable

Summary: Determine product dissemination status

Workaround:

Reporting Site:

Platform meets

AWIPS2 min

reqs:

Subsystem: Operations

Subsys CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Rega, Mike

Date Found: 01/23/08

Software Version: TO8

Description: A mechanism is needed in the TO11 communications logic to enable sites to easily verify if product dissemination is disabled or enabled. In AWIPS 1, this capability exists in the scripts "mhs_ncf_check" and "msg_ctl -A" (located on the dx). The dissemination check is needed before and after workstation practice mode and test mode sessions to verify the correct dissemination configuration. The negative effect of accidentally disseminated severe weather warnings is a highly visible problem.

Test Case:

Test case info:

Computer

Config:

Location / Test NHOW

Environment:

Created By: Leonardo, Dario

Date Created: 07/15/08 06:48 PM

Creation Method: XML file import

Modified By: Thomas, Alissa

Date Modified: 07/22/08 03:33 PM



TTRs mentioning WarnGen

Number: 43	Date Entered: 02/25/08	Oper. Mode: WFO CONUS
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Defect
Reference:		

Summary: WarnGen VTEC expiration time error
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike **Date Found:** 01/23/08
Software Version: TO8

Description: The expiration time in the VTEC line of WarnGen of SVR and TOR products does not match the expiration time stated in the second bullet of the product.

Update for TO9 (12/2/2008 - Ken Sperow/MDL/NWS)

Passes in TO9. No longer an issue.

Test Case: no

Test case info:

Computer Config:

Location / Test Environment: NHOW

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 03:42 PM



TTRs mentioning WarnGen

Number: 44	Date Entered: 02/25/08	Oper. Mode: WFO CONUS
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Defect
Reference:		

Summary: WarnGen default polygon
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike **Date Found:** 01/23/08
Software Version: TO8

Description: The default AWIPS I WarnGen polygon (which defines the area included in the warning) is rectangular with the long axis parallel to the storm path. The width of the polygon increases slightly along the track of the storm. In AWIPS II, the default polygon is very wide and short (rectangular in shape with the short axis parallel to the storm path). The AWIPS II default polygon needs to be similar to the AWIPS I default polygon.

3/26/08
 If the length of the warning time is made longer, does the polygon change in size? Or is there some way to specify how the polygon should appear when warnngen is launched?

Need to retest to confirm polygon size a function of time.

Update for TO9 (12/2/2008 - Ken Sperow/MDL/NWS)

Failed in TO9 Polygon still inconsistent with behavior on AWIPS I.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: NHOW

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 03:43 PM



TTRs mentioning WarnGen

Number: 45	Date Entered: 02/26/08	Oper. Mode: WFO CONUS
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Defect
Reference:		

Summary: WarnGen storm track arrow error
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike **Date Found:** 01/23/08
Software Version: TO8

Description: The default WarnGen storm track arrow has tick marks indicating the storm location at the time of each radar image. The default spacing of the tick marks is considerably less within the warning polygon. This gives the false impression that the storm speed decreases as soon as the storm enters the polygon area. In AWIPS I, the tick mark spacing is the same along the entire length of the storm track arrow.

Update for TO9 (12/2/2008 - Ken Sperow/MDL/NWS)

Failed in TO9. Default WarnGen storm track tick mark spacing should be consistent between marks outside and inside of the WarnGen polygon.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: NHOW

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 03:43 PM



TTRs mentioning WarnGen

Number: 46	Date Entered: 02/26/08	Oper. Mode: WFO CONUS
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Defect
Reference:		

Summary: WarnGen time zone errors
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order:::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike **Date Found:** 01/23/08
Software Version: TO8

Description: WarnGen SVR and TOR products using the Omaha localization were created using EST instead of CST. The WarnGen time zone needs to be based on the local time at the storm location, not the time where the workstation is located. These same time zone criteria apply to all AWIPS applications.

Also during later IV&V testing on nhda, WarnGen products have the incorrect time label. In the body of the product times are given as "0107 PM GMT". The proper local time zone label should be included. This occurs in the MND heading, the second bullet (warning expiration time) and third bullet (current storm location).

There are four specific cases to be aware of:

- a. In a WFO whose CWA spans two time zones, one WarnGen product can contain two time zones. The correct time zone for the specific storm location should be used (see example below).
- b. In service backup mode, if an Eastern time zone WFO is backing up a Central time zone WFO, WarnGen should use Central time zone.
- c. AWIPS needs to have the ability to specify the time zone for each geographic location. In AWIPS I, this function is implemented using a time zone shape file. Some Indiana counties recently voted to change time zones and AWIPS was reconfigured to accommodate this change.
- d. Some Pacific Region sites are in the Eastern Hemisphere and Southern Hemisphere. AWIPS should provide correct dates, times and time zones in these locations.

Example of WarnGen product that spans two time zones. WFO TAE is located in the Eastern Time Zone. The storm is currently in Central Time Zone.

```

WUUS51 KTAE 281402
SVRTAE
FLC013-077-281430-
/T.NEW.KTAE.SV.W.0001.080128T1402Z-080128T1430Z/

```

```

BULLETIN - EAS ACTIVATION REQUESTED
TEST...SEVERE THUNDERSTORM WARNING...TEST
NATIONAL WEATHER SERVICE TALLAHASSEE FL
902 AM EST MON JAN 28 2008

```

...THIS MESSAGE IS FOR TEST PURPOSES ONLY...

THE NATIONAL WEATHER SERVICE IN TALLAHASSEE HAS ISSUED A

* THIS IS A TEST MESSAGE. SEVERE THUNDERSTORM WARNING FOR...
NORTH CENTRAL LIBERTY COUNTY IN FLORIDA...
EAST CENTRAL CALHOUN COUNTY IN THE PANHANDLE OF FLORIDA...
THIS INCLUDES THE CITY OF BLOUNTSTOWN...

* UNTIL 930 AM EST/830 AM CST/

* THIS IS A TEST MESSAGE. AT 800 AM CST...NATIONAL WEATHER SERVICE
DOPPLER RADAR INDICATED A SEVERE THUNDERSTORM. THIS STORM WAS
LOCATED NEAR BLOUNTSTOWN...AND MOVING EAST AT 20 MPH.

* THIS IS A TEST MESSAGE. THE SEVERE THUNDERSTORM WILL BE NEAR...
WHITE SPRINGS BY 815 AM CST...
HOSFORD...TELOGIA AND 6 MILES NORTH OF CLIO BY 830 AM CST...

THIS IS A TEST MESSAGE. THIS IS A DANGEROUS STORM. IF YOU ARE IN ITS
PATH...PREPARE IMMEDIATELY FOR DAMAGING WINDS...DESTRUCTIVE HAIL...
AND DEADLY CLOUD TO GROUND LIGHTNING. PEOPLE OUTSIDE SHOULD MOVE TO A
SHELTER...PREFERABLY INSIDE A STRONG BUILDING BUT AWAY FROM WINDOWS.

THIS IS A TEST MESSAGE. DO NOT TAKE ACTION BASED ON THIS MESSAGE.

LAT...LON 3050 8478 3029 8479 3035 8510 3051 8508
TIME...MOT...LOC 1402Z 276DEG 19KT 3042 8498

Update for TO9 (12/2/2008 - Ken Sperow/MDL/NWS)

Results not determined. Unable to test WarnGen products spanning two time zones. Confirmed that the time zone was correct for the OAX generated product (MND, VTEC, second bullet)

Update TO9 (Jay Morris SST 12/16/2008)

This has not been completed as os TO9 . The timezone is determined by the location of the WFO not the location of the warning polygon which could be in a different time zone or pass across time zones.

J
Failed in TO9

Test Case: yes
Test case info:
Computer
Config:
Location / Test NHOW
Environment: Two sample test cases attached below.
Attachments:
TC46.doc
TC46.A.doc

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 03:43 PM



TTRs mentioning WarnGen

Number: 59 Date Entered: 03/13/08 Oper. Mode: Non-Operational
 Entered by: Rega, Mike Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:**
Type of Usage: Independent Validation and Verification (IV&V) **Oper Urgency:** **Type of Issue:** Defect
Reference:

Summary: WarnGen needs to be restarted after a product is created
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike **Date Found:** 03/13/08
Software Version: TO8

Description: After "create text" is used in WarnGen, the WarnGen GUI completely disappears from the graphics workstation display. The WarnGen GUI was not just minimized or hidden behind another window. To create another WarnGen product, WarnGen must be restarted. This is different than AWIPS I behavior and would not be operationally acceptable.

Update for TO9 (12/2/2008 - Ken Sperow/MDL/NWS)

Failed in TO9. WarnGen should not close after selecting "Create Text".

Test Case: no

Test case info:

Computer Config:

Location / Test Environment: lx2 and lx6 on nhda

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 03:48 PM



TTRs mentioning WarnGen

Number: 60	Date Entered: 03/13/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: WarnGen restart button has not been implemented

Workaround:

Reporting Site: NWSHQ

Platform meets AWIPS2 min reqs: yes

Subsystem: Operations

Subsys: CAVE

Components:

Target Task Order Date:

Target Task Order::

Response Received:

Raytheon DR #:

Source Files:

Found by: Rega, Mike	Date Found: 03/13/08
Software Version: TO8	

Description: The WarnGen restart button has not been implemented. Restart is an important operational feature. When an error is made anywhere in the process of defining the warning parameters on the WarnGen GUI or on the CAVE map, restart is the easiest way to resume.

3/12/09 Mike Rega - This TO8 DR can be closed. It is superceded by TO-10 DR 534.

Test Case: no

Test case info:

Computer Config:

Location / Test Environment: nhda

Created By: Leonardo, Dario

Date Created: 07/15/08 06:48 PM

Creation Method: XML file import

Modified By: Rega, Mike

Date Modified: 03/12/09 09:01 PM



TTRs mentioning WarnGen

Number: 61

Date Entered: 03/13/08

Oper. Mode: Non-Operational

Entered by: Rega, Mike

Frequency: Not applicable

Status: Technical Screen, not assigned

Devel Severity:

Type of Usage: Independent Validation and Verification (IV&V)

Oper Urgency:

Type of Issue: Defect

Reference:

Summary: WarnGen products not stored in fxatext

Workaround:

Reporting Site: NWSHQ

Platform meets AWIPS2 min reqs: yes

Subsystem: System

Subsys: EDEX

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Rega, Mike

Date Found: 03/13/08

Software Version: TO8

Description: When a WarnGen product is 'saved' using the text workstation, the following error results:

error retrieving metadata

Error: server side exception: Error executing :: org.mozilla.javascript.EcmaError.ReferenceError: "XML" is not defined. (ProductSrv MEngine script #2)

On dx4-nhda, I tried "psql -d metadata" and received an error "database metadata does not exist", however a "ps" shows various postgres metadata processes running.

I tried two methods to determine if newly 'saved' WarnGen SVROAX products (from the text workstation) were actually stored in fxatext on dx4-nhda. The products were not stored.

Method one - attempts to use pgadmin3 were unsuccessful (see related TTR #55). Jim Williams and Cliff Wong helped me with pgadmin3 (documentation is needed). I did the following on dx4-nhda (where EDEX is running):

```
cd /usr/local/pgadmin3/bin
./pgadmin3
```

Select "add a connection to a server" and enter the following fields:

Address: dx4-nhda
Description: localdata
Initial DB: fxatext
Username: awips
Password: awips

However, I still did not see any items in pgadmin that looked like the fxatext database.

Method two - I used psql to connect to fxatext on dx4-nhda and the only SVROAX products stored were from October 14, 2007:

```
psql -d fxatext
select nnnid, xxxid, product from stdtextproducts where nnnid = 'SVR' and xxxid = 'OAX';
```

Added by Cece Mitchell on Dec 17, 2008:

Created a product using WarnGen in TO9 CAVE on lx7-nhda and saved the product using the Text Workstation.

Verified that the product was indeed stored in fxatext as follows:

-Did the command /usr/local/pgadmin3/bin/pgadmin3 to open pgAdmin on edex3-nhda

-Located the table fxatext and queried the table as follows: select nnnid, xxxid, product from stdtextproducts where nnnid = 'SVR' and xxxid = 'OMA';

-The product was successfully returned as a result of this query

Passes in TO9

Test Case: no

Test case info:

Computer

Config:

Location / Test Environment: NHDA

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 03:49 PM



TTRs mentioning practice or mode

Number: 62

Date Entered: 03/14/08

Oper. Mode: Non-Operational

Entered by: Rega, Mike

Frequency: Always

Status: Technical Screen, not assigned

Type of Usage: Independent Validation and Verification (IV&V)

Reference:

Oper Urgency:

Devel Severity:

Type of Issue: Defect

Summary: Workstation mode set within CAVE

Workaround:

Reporting Site:

Platform meets

AWIPS2 min

reqs:

Subsystem: Operations

Subsys CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Rega, Mike

Date Found: 03/14/08

Software Version: TO8

Description: Workstation mode (operational, test, practice) is set within CAVE using the menus: CAVE, PREFERENCES, CAVE MODES. This implies that only the CAVE mode is changing. This is a variance from AWIPS I. In AWIPS I, the entire workstation (all applications on the lx and xt) change modes. In AWIPS I, mode is changed on the graphic workstation using the Test Mode Control Program in the AWIPS start-up menu.

Test Case:

Test case info:

Computer

Config:

Location / Test nhda

Environment:

Created By: Leonardo, Dario

Date Created: 07/15/08 06:48 PM

Creation Method: XML file import

Modified By: Thomas, Alissa

Date Modified: 07/22/08 05:06 PM



TTRs mentioning WarnGen

Number: 63	Date Entered: 03/14/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: WarnGen menu item selection
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike	Date Found: 03/14/08
Software Version: TO8	

Description: When selecting items from the WarnGen menus "basis for warning", "threat", "call to action", the Windows method of selecting items must be used. To select more than one menu item, the <SHIFT> or <CTRL> key must be used with mouse button #1. This is a variance from AWIPS I where any number of items can be selected just by clicking on mouse button #1.

TO9 update (Ken Sperow/MDL/NWS 12/2/2008)

Failed in TO9. Selection of multiple basis statements or calls to action should not require <CTRL> or <SHIFT> to make it compatible with AWIPS 1.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: nhda

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	01/28/09 03:53 PM



TTRs mentioning WarnGen

Number: 76 Date Entered: 03/17/08 Oper. Mode: Non-Operational
 Entered by: Nguyen, Oanh Frequency: Always

Status: Technical Screen, not assigned
Type of Usage: Independent Validation and Verification (IV&V)

Oper Urgency:

Devel Severity:
Type of Issue: Defect

Reference:

Summary: CAVE - TO8 - WarnGen_1.0: Keep getting messages "Error Retrieving metadata"

Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Other
Subsys: Other
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Nguyen, Oanh **Date Found:** 03/17/08
Software Version: TO8

Description: Steps 19, 28, I kept getting messages such as "Error Retrieving metadata". I skipped steps 31, 32, 33 because I don't know what is meant by "WarnGen: Operational" window.

Other than those above all other steps were as expected.

Note: I used radar data in the Volume Browser classic since there were no data in the koax or radar on the menu bar.

Also, very slow in response, when I need to scroll down the text window to read the text (i.e., scroll bar not responding for a while). It also hung in previous try.

Test Case: yes

Test case info:

Computer Config:

Location / Test Environment: Unknown

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 12/22/08 07:04 PM



TTRs mentioning WarnGen

Number: 81	Date Entered: 03/17/08	Oper. Mode: Non-Operational
	Entered by: Cheatwood, Leigh	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Variance
Reference:		

Summary: Text Workstation and WarnGen
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: System
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Cheatwood, Leigh	Date Found: 03/17/08
Software Version: TO8	

Description: In order for WarnGen to work properly, one must start the Text Workstation from the CAVE menu on the CAVE toolbar first before starting WarnGen. Otherwise when one hits the "Create Text" button on WarnGen, nothing happens. Unlike in AWIPS D2D, the Text Workstation does not come up automatically when the "Create Text" button is selected in WarnGen.

An additional issue is the following:

When the Text Workstation is open and one selects the "Create Text" button on WarnGen, an additional Text Workstation window opens.

3 - Fix prior to site OTE. A text window specifically for WarnGen should be opened whenever clicking on the "WarnGen" button is clicked.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: GSD

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	01/29/09 05:56 PM



TTRs mentioning WarnGen

Number: 100	Date Entered: 04/07/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: WarnGen SVR trained spotter error
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike	Date Found: 04/07/08
Software Version: TO8	

Description: In the WarnGen Severe Thunderstorm Warning "basis for warning" menu, the "trained spotter" option does not work. It is supposed to produce text in the third bullet of the SVR with wording like "At 1041 AM EDT...trained weather spotters reported a severe thunderstorm capable of producing quarter size hail." (see attached AWIPS I example, file svrhaila1.png). AWIPS II produces the incorrect wording "At 222 PM GMT... capable of producing quarter size hail." (see attached AWIPS II example, file svrhaila2.png).
NOTE: The AWIPS II time zone error above (GMT instead of CDT) is documented in TTR 46.

Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)

Passes in TO9. "Trained weather spotter" basis generated the correct text.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: Unknown
Attachments:
svrhaila1.png
svrhaila2.png

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	01/28/09 03:58 PM



TTRs mentioning WarnGen

Number: 102	Date Entered: 04/08/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary: WarnGen polygon disappears after "create text"		
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	System	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 04/08/08	
Software Version: TO8		
Description:	<p>After "create text" is used in WarnGen, the warning polygon and storm track disappear from the CAVE map. Sometimes after the scratch product is generated and before the final version is sent, it is necessary for the forecaster to return to the map and adjust the geographic items (polygon or storm track). The error prevents this adjustment. This behavior is different than AWIPS I and would be operationally unacceptable. This item is related to TTR #19 (TO6) and TTR #59 (TO8)</p> <p>Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)</p> <p>Failed in TO9. WarnGen storm track and polygon should not disappear after "Creating Text".</p>	
Test Case:	no	
Test case info:		
Computer		
Config:		
Location / Test Environment:	Unknown	
Created By: Leonardo, Dario		
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	01/28/09 03:59 PM	



TTRs mentioning WarnGen

Number: 103	Date Entered: 04/08/08	Oper. Mode: Non-Operational
	Entered by: Morris, Jay	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: User Functional Evaluation (UFE)		Type of Issue: Defect
Reference:		

Summary: WarnGen Config files stored under user folder

Workaround:

Reporting Site:

Platform meets AWIPS2 min reqs:

Subsystem: Operations

Subsys: CAVE

Components:

Target Task Order Date:

Target Task Order::

Response Received:

Raytheon DR #:

Source Files:

Found by: Morris, Jay	Date Found: 04/08/08
Software Version: TO8	

Description: The warnGen Configuration files and templates are stored under each user's folder. This would allow EACH user to have different templates.

The current AWIPS system has the warnGen templates and configuration files stored on a mounted drive in ONE location common to all workstations so that a single change will be available to all users.

This item is related to TTR #114.

Test Case:

Test case info:

Computer Config:

Location / Test Environment: Unknown

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	07/23/08 05:46 PM



TTRs mentioning WarnGen

Number: 104	Date Entered: 04/08/08	Oper. Mode: Non-Operational
	Entered by: Morris, Jay	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: User Functional Evaluation (UFE)		Type of Issue: Defect
Reference:		

Summary: Multiple instances of WarnGen can be Launched

Workaround:

Reporting Site:

Platform meets AWIPS2 min reqs:

Subsystem: Operations

Subsys: CAVE

Components:

Target Task Order Date:

Target Task Order::

Response Received:

Raytheon DR #:

Source Files:

Found by: Morris, Jay	Date Found: 04/08/08
Software Version: TO8	

Description: Clicking the WarnGen button multiple times causes multiple instances of warnGen to be launched. The current system only allows one instance of warngen running for each display.

Test Case:

Test case info:

Computer Config:

Location / Test Environment: Unknown

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	07/23/08 05:54 PM



TTRs mentioning WarnGen

Number: 105	Date Entered: 04/08/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary:	WarnGen fourth bullet list of cities not implemented	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	System	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 04/08/08	
Software Version: TO8		
Description:	<p>The WarnGen SVR and TOR product menus have no pathcast option for the fourth bullet. In AWIPS I, if pathcast is not chosen on the menu, the fourth bullet contains a list of cities with the following format:</p> <p>* OTHER LOCATIONS IN THE WARNING INCLUDE BUT ARE NOT LIMITED TO BOYDS...GERMANTOWN AND GAITHERSBURG.</p> <p>AWIPS II only provides the fourth bullet pathcast option with the following format:</p> <p>* THE SEVERE THUNDERSTORM WILL BE NEAR... BOYDS BY 155 PM EDT... GERMANTOWN AND GAITHERSBURG BY 200 PM EDT...</p> <p>Update for TO9 (Ken Sperow/NWS/MDL 12/2/2008)</p> <p>Failed in TO9. In WarnGen if pathcast is not chosen on the menu, the fourth bullet should contains a list of cities with the following format:</p> <p>* OTHER LOCATIONS IN THE WARNING INCLUDE BUT ARE NOT LIMITED TO BOYDS...GERMANTOWN AND GAITHERSBURG.</p>	
Test Case:	no	
Test case info:		
Computer Config:	Non-Standard Configuration	
Location / Test Environment:	Unknown	
Created By:	Leonardo, Dario	
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	01/28/09 03:59 PM	



TTRs mentioning WarnGen

Number: 106	Date Entered: 04/08/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary: WarnGen third bullet geography error		
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	System	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike		Date Found: 04/08/08
Software Version: TO8		
Description:	<p>The WarnGen SVR third bullet provides the current storm location. The wrong storm direction from the referenced city is given in the third bullet. In the attached example, the storm is located about 3 miles SSE of La Vista Nebraska, however the third bullet says that the storm is located about 3 miles NW of La Vista. Attached are the CAVE warning polygon map (file 0407poly.png) and the resulting AWIPS II SVR scratch product (file 0407text.png). Also attached is the AWIPS I scratch product for the same storm location and warning polygon (file 0407a1text.txt).</p> <p>The following comments refer to AWIPS geographic subtleties that can be configured in AWIPS I. Some WFOs adjust these items according to local preference. These items should be easily customizable in AWIPS II.</p> <p>In AWIPS I, Omaha is a category 1 WarnGen city (defined in file CitiesInfo.txt). Council Bluffs, Papillion, Ralston and La Vista are category 2 cities, AWIPS I also defines less important category 3 cities. In general, category 1 cities should take precedence in the text of warnings. If no category one cities are available, then category 2 cities should be used, then category 3 cities. In cases where a category 2 city is "under" or "close" to the storm, but a category 1 city is "nearby", both cities should be mentioned. Sites should be able to customize exactly what "close" or "nearby" means (number of miles from the storm). Sites should be able to limit the number of cities mentioned in the warning, especially in the first bullet. In AWIPS I each site can add local geographic features (highway mile markers and interchanges, local landmarks, etc.) in the file LocalCitiesInfo.txt. Also in AWIPS I, large cities can be treated as polygons instead of points.</p> <p>Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)</p> <p>Passes in TO9. Confirmed that the geographic position of the storm relative to cities in the third bullet of a SVR/TOR are correct.</p>	
Test Case:	no	
Test case info:		
Computer		
Config:		
Location / Test Environment:	Unknown	
Attachments:		
	0407a1text.txt	

0407poly.png
0407text.png

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 04:00 PM



TTRs mentioning WarnGen

Number: 107	Date Entered: 04/08/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary:	WarnGen AWIPS header block errors	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 04/08/08	
Software Version: TO8		
Description:	<p>After WarnGen "create text" is used, the AWIPS Header Block window appears. Using the Omaha localization on nhda, many of the SVR header block fields have incorrect values. If this is a local configuration issue, documentation is needed on how to verify the local configuration. For the SVR, the following AWIPS Header Block values appear (the correct values are also listed):</p> <p>AWIPS II correct value TTAAii SAUS43 WUUS53 CCCC KOAX KOAX WSFO ID OMA OMA Product Category RME SVR Product Designator OMA OAX</p> <p>This TTR is being cancelled. TTR #116 contains full details on all errors found in the WarnGen header block.</p> <p>Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)</p> <p>Failed in TO9. TTAAii and product designator are still incorrect.</p>	
Test Case:	no	
Test case info:		
Computer		
Config:		
Location / Test Environment:	nhda	
Created By:	Leonardo, Dario	
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	01/28/09 04:00 PM	



TTRs mentioning WarnGen

Number: 108	Date Entered: 04/08/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: WarnGen storm direction in TML line
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike	Date Found: 04/08/08
Software Version: TO8	

Description: The WarnGen TIME...MOT...LOC line (TML) contains the direction of storm movement. The storm direction is incorrectly coded as the direction toward which the storm is headed. The direction should be coded as the compass direction from which the storm is coming. For example, a storm moving due north should be coded 180DEG, a storm moving due south should be coded 000DEG. The attached examples show AWIPS II text (file 0407text.png) and the AWIPS I text for the same warning polygon and storm (file 0407a1text.txt).

Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)

Passes in TO9. Confirmed that the TIME...MOT...LOC line (TML) contains the direction of storm movement where the degrees represent the direction the storm is coming from (e.g. 180DEG if the storm is moving North)

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: Unknown
Attachments:
 0407text.png
 0407a1text.txt

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	01/28/09 04:03 PM



TTRs mentioning WarnGen

Number: 109	Date Entered: 04/08/08	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary:	WarnGen lat/lon repeated	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	System	
Subsys	CAVE	
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 04/08/08	
Software Version: TO8		
Description:	<p>The LAT...LON line at the bottom of WarnGen products should contain one lat/lon pair for each vertex of the warning polygon. That is, if the polygon has four vertices, there should be four lat/lon pairs. AWIPS II produces five lat/lon pairs for a polygon with four vertices. The first lat/lon pair is repeated at the end of the list. The attached example contains a polygon with four vertices, but the first coordinate (4119 9606) is repeated at the end of the LAT...LON line.</p> <p>Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)</p> <p>Failed in TO9. The LAT...LON line at the bottom of WarnGen products should contain one lat/lon pair for each vertex of the warning polygon. Verify that the first pair is NOT repeated.</p>	
Test Case:	no	
Test case info:		
Computer Config:		
Location / Test Environment:	Unknown	
Attachments:	0407text.png	
Created By:	Leonardo, Dario	
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	01/28/09 04:04 PM	



TTRs mentioning WarnGen

Number: 110	Date Entered: 04/08/08	Oper. Mode: WFO CONUS
	Entered by: Morris, Jay	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: User Functional Evaluation (UFE)		Type of Issue: Defect
Reference:		

Summary: WarnGen Durations setting unchangable

Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Morris, Jay	Date Found: 04/08/08
Software Version: TO8	

Description: The durations default setting in warnGen is hardcoded.

It is common for a WFO to change the Durations default setting in WarnGen during different seasons of the year. There is no ability in the templates for setting the default durations. Examination of the code reveals that the default setting is set to "30" in the code.

Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)

Failed in TO9. The code is still hard-coded to 30 minutes in WarnGenAction.execute().

Will be fixed in TO10, verified with Dev Org

Test Case: no

Test case info:

Computer Config:

Location / Test Environment: Unknown

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	01/28/09 04:53 PM



TTRs mentioning WarnGen

Number: 111	Date Entered: 04/10/08	Oper. Mode: Non-Operational
	Entered by: Nguyen, Oanh	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: TO8 - CAVE display "shifting/jumping"
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs:
Subsystem: Other
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Nguyen, Oanh	Date Found: 04/10/08
Software Version: TO8	

Description: While doing the WarnGen functionality ... the CAVE display kept shifting and jumping when cursor moved from one window display (WarnGen window) to other window display (i.e., CAVE). This behavior is consistent.

Test Case:

Test case info:

Computer

Config:

Location / Test Environment: Unknown

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	07/23/08 06:09 PM



TTRs mentioning WarnGen

Number: 113	Date Entered: 04/16/08	Oper. Mode: Non-Operational
	Entered by: Nguyen, Oanh	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary: CAVE - TO8 - WarnGen configuration files tornado.cfg not working correctly		
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Nguyen, Oanh	Date Found: 04/16/08	
Software Version: TO8		
Description:	While trying to change the duration of the Tornado (i.e., Tornado option of the WarnGen GUI) like from 60 to 75 and 90 via the file <code>~/cave/etc/warngen/tornado.cfg</code> . The change never took effect.	
	However, if I change the duration of the <code>~/cave/etc/warngen/severethunderstorm.cfg</code> , the change would take effect on both Severe Thunderstorm option and Tornado option! Which is rather strange!	
	Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)	
	Passes in TO9. Verified that changes to the duration within the <code>cave/etc/warngen/xxx.cfg</code> are seen within the WarnGen dialog and only for the edited products.	
Test Case:	no	
Test case info:		
Computer		
Config:		
Location / Test	Unknown	
Environment:		
Created By:	Leonardo, Dario	
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	01/28/09 04:53 PM	



TTRs mentioning WarnGen

Number: 114	Date Entered: 04/25/08 Entered by: Rega, Mike	Oper. Mode: Non-Operational Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary:	TO8 WarnGen customization, localization	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		

Found by: Rega, Mike **Date Found:** 04/25/08
Software Version: TO8

Description: TTR 103 documents a small aspect of the entire WarnGen customization and localization paradigm. TTR 103 shows that TO8 WarnGen is missing an important aspect of this AWIPS I functionality. I don't know if future TO releases will contain all the AWIPS I customization/localization capabilities. This TTR presents a summary of important AWIPS I customization/localization features to help assure that AWIPS II development proceeds on the right track.

Most baseline AWIPS I WarnGen templates and configurations files are in an NFS mounted area (/data/fxa/nationalData) available to all AWIPS boxes at a site. Sites normally make site specific customizations (that pertain to ALL workstations/servers at the site) in /data/fxa/customFiles, which is also NFS mounted and available to all AWIPS boxes at the site. Items from other sites can also be configured by prefixing configuration files with the three character site ID. This includes configuring service backup or NCF trying to reproduce a problem from a remote site on the local test machine.

Other features of customization and localization include:

1. "overrides" - additions may be made to baseline items. For example an NWS wide list of cities is provided, but a site may add local towns or landmarks that are not in the national baseline.
2. "process configuration or control files" - site specific run time behavior can be configured, e.g. how much of a WarnGen county must fall within the warning polygon to be included in the warning text, how far away a storm must be from a city to be considered "over" or "near" the city, ability to treat cities as areas instead of points, etc. In AWIPS I, some of these are controlled in templates, some in localization configuration files.
3. "realizations" - I'm not personally familiar with this, but the GSD documentation says that this provides customization for sites with different needs than WFOs (the RFCs, national centers, etc.). This is in an area local to the box (/awips/fxa/data/localization/realization).
4. "custom versions" (this capability is not often used, but is very useful for advanced users) - configuration files in a global area (subdirectories under /data/fxa/customFiles) may be created for specialized situations. This has been used in implementing a new software release which contain major WarnGen template changes (temporarily use a new set of WarnGen templates for customizing/testing sessions on certain workstations, then quickly return to the operational version). These are specified in AWIPS I by setting a localization Linux environment variable.
5. There is also a capability to permanently customize a specific workstation by modifying config files that are local to that workstation (e.g. only setup service backup on certain workstations, provide WarnGen marine functionality on certain workstations). This is another type of override. However, most WFOs keep all workstations configured the same. I mention this only because it is an AWIPS I capability.

GSD documented these items in detail in AWIPS I directory dx1:/awips/fxa/data/localization/documentation in the following files:
overview.html
localization.html
fileChanges.html
TextTemplates.html

Update TO9 (Jay Morris SST 12/16/2008)

There is not improvements to localization paradigm for warnGen and Templates. Raytheon is indicating that these functions are being designed and will be available in TO11

J

Failed in TO9

Test Case: no

Test case info:

Computer

Config:

Location / Test Unknown

Environment:

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 04:54 PM



TTRs mentioning WarnGen

Number: 115	Date Entered: 04/25/08 Entered by: Rega, Mike	Oper. Mode: Non-Operational Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Variance
Reference:		
Summary:	TO8 WarnGen button location and color	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 04/25/08	
Software Version: TO8		
Description:	<p>On some workstations, the CAVE WarnGen button appears in a different location. The WarnGen button should always be anchored at the far upper right edge of the CAVE window (as in AWIPS I). Also, the entire WarnGen button must be bright yellow (as in AWIPS I).</p> <p>In CAVE, the WarnGen button is at the end of the tools items (the second row of selections). In D2D, the WarnGen button is at the end of the application items (the first row of selections). The WarnGen button should be moved up with the application items.</p> <p>WarnGen is one of the most important AWIPS applications and forecasters should not have to search for the WarnGen button.</p> <p>See attachments showing the D2D and CAVE displays.</p> <p>4 - Fix prior to start of OTE. The WarnGen Button must be the same color (bright yellow) and in the same location (far upper right of CAVE Display) as it is in current AWIPS software.</p>	
Test Case:	no	
Test case info:		
Computer Config:		
Location / Test Environment:	Unknown	
Attachments:		
	0425menuAI.png	
	0425menuAI1.png	
Created By:	Leonardo, Dario	
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	

Date Modified: 01/29/09 05:57 PM



TTRs mentioning WarnGen

Number: 116	Date Entered: 04/25/08 Entered by: Rega, Mike	Oper. Mode: Non-Operational Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary:	TO8 WarnGen header block errors	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		

Found by: Rega, Mike **Date Found:** 04/25/08
Software Version: TO8

Description: After using WarnGen "create text", the AWIPS header block contains several errors. See attachments to compare AWIPS I and AWIPS II header blocks.

1. The WMO product ID TTAAii is wrong - AWIPS II WarnGen default is SAUS43 (a METAR ID)
2. The product category is wrong - AWIPS II WarnGen default is RME
3. The site ID is wrong - AWIPS II Omaha default is OMA (should be OAX)
4. Addressee is wrong - AWIPS II default is '000', AWIPS I is 'ALL'
5. When the fields are corrected and the product 'sent', then a different product created, the new product receives the same fields as the previous item. For example, if a WUUS53 OMASVROAX is 'sent', then a TOROAX is created, it is coded as WUUS53 OMASVROAX (should be WFUS53 OMATOROAX).
6. In the text window, much of the WMO heading is incorrect (example is for an SVROAX):

```
AWIPS I ZCZC OMASVROAX DEF
TTAA00 KOAX DDHHMM
```

```
AWIPS II ZCZC TORNADO123 DEF
TTAA00 WMOID123 DDHHMM
```

Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)

Failed in TO9.TTAAii and product designator are still incorrect. (similar to TTR 107)

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: Unknown
Attachments:

0425headAI.png
0425headAII.png

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 04:54 PM



TTRs mentioning WarnGen

Number: 146	Date Entered: 05/07/08	Oper. Mode: Non-Operational
	Entered by: Morris, Jay	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: Time Zone not changeable
Workaround:

Reporting Site:

Platform meets
 AWIPS2 min
 reqs:

Subsystem: System

Subsys CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Morris, Jay	Date Found: 05/07/08
Software Version: TO8	

Description: I was unable to change the time zone that is created in the text product while using warngen.

The application logic uses the JAVA timezone object and there are data structures in the database to support timezone lookup.

The timezone tables in the DB are empty and I could not locate any configuration files to change time zone for warning products.

Note: It is common for an office to issue products in a different timezone and the system should be able to resolve the timezone of any point on the map.

Test Case:

Test case info:

Computer

Config:

Location / Test Unknown

Environment:

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	07/23/08 06:35 PM



TTRs mentioning WarnGen

Number: 154	Date Entered: 05/15/08	Oper. Mode: WFO CONUS
	Entered by: Morris, Jay	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary: Warnngen Templates - Add City		
Workaround:		
Reporting Site:		
Platform meets AWIPS2 min reqs:		
Subsystem:	Support	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Morris, Jay		
Date Found: 05/15/08		
Software Version: TO8		
Description:	There does not appear to be an efficient way to add a city or landmark for inclusion in warning.	
	In AWIPS I there was a localCities file where new cities and landmarks could be added so that they would be included in a warning. I was unable to locate any facsimile.	
	AWIPS II appears to be generating the list of cities from a geospatial query on the shapefile. This would require editing the shapefile to add a new city or landmark.	
Test Case:		
Test case info:		
Computer		
Config:		
Location / Test	Unknown	
Environment:		
Created By:	Leonardo, Dario	
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	07/23/08 06:40 PM	



TTRs mentioning WarnGen

Number: 155	Date Entered: 05/15/08	Oper. Mode: WFO CONUS
	Entered by: Morris, Jay	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: Warnngen Templates - Set City Importance
Workaround:

Reporting Site:
Platform meets AWIPS2 min reqs:
Subsystem: Support
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Morris, Jay	Date Found: 05/15/08
Software Version: TO8	

Description: Unable to set the "importance" or "inclusion precedence" of a city in a warning.

AWIPS I has a localCities info file that contains columns that rank city importance in inclusion in a warning.

For Example: If the system is set to include only 5 cities in a warning and there are 15 within proximity to the warning, then warnngen queries the City importance column of the cities info file and displays the 5 cities with higher importance.

I was unable to determine how to increase the importance (priority) of individual cities.

Test Case:
Test case info:
Computer Config:
Location / Test Environment: Unknown

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	07/23/08 06:41 PM



TTRs mentioning WarnGen

Number: 156 Date Entered: 05/15/08 Oper. Mode: WFO CONUS
 Entered by: Morris, Jay Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:**
Type of Usage: Independent Validation and Verification (IV&V) **Oper Urgency:** **Type of Issue:** Defect
Reference:

Summary: Warnngen Templates - Percentage of County
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Support
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Morris, Jay **Date Found:** 05/15/08
Software Version: TO8

Description: Unable to set the percentage of county area that results in exclusion from the warning.
 Attempts to modify <template>.cfg files to exclude a county from the warning if < 10% of county was in covered by the warning polygon.
 There appear to be structures in the <template>.cfg files to manipulate the inclusion/exclusion of areas but there are no instructions, and the influence of these structures on the resultant warning product is vague.
 Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)
 Unable to test. Need to know if detailed instructions have been provided by Raytheon instructing WarnGen focal points how to exclude a county if less than some percent of the county is selected.
 Passes in TO9

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: Unknown

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 04:59 PM



TTRs mentioning WarnGen

Number: 157 Date Entered: 05/15/08 Oper. Mode: WFO CONUS
 Entered by: Morris, Jay Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:**
Type of Usage: Independent Validation and Verification (IV&V) **Oper Urgency:** **Type of Issue:** Defect
Reference:

Summary: WarnGen Templates - Point Filter
Workaround:

Reporting Site:

Platform meets AWIPS2 min reqs:

Subsystem: Support

Subsys ADE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Morris, Jay **Date Found:** 05/15/08
Software Version: TO8

Description: <template>.cfg files contain configuration settings for "point filter" and a brief description. There is no documentation on the possible tag values, limits of datatypes that can be set in the point filter configuration sections. Clarification is needed.

Making changes to the file affects the output in unpredictable ways.

Below is the contents of the file. comments inclosed in brackets []

Test Case:

Test case info: The <template>.cfg file:

1. closestPointsConfig: determines how the closest points to the storm are generated
2. numberOfPoints: number of closest points to generate
3. pointField: The field out of the area field that is used for naming the point
4. pointFilter: The filter used to narrow the list of points

```
<closestPointsConfig>
<numberOfPoints>2</numberOfPoints>
<pointField>NAME</pointField>
<pointFilter>
<key>WARNGENLEV</key> [ What is this ?]
<value>3</value> [ Can I put 300? what happens if I do? Is 3 good,
<type>EXCLUSIVE</type> [ The other possible value her is INCLUSIVE (from the src) What is the
difference]
</pointFilter>
</closestPointsConfig>
```

Computer Config:

Location / Test Environment: Unknown

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import

Modified By: Thomas, Alissa
Date Modified: 07/23/08 06:43 PM



TTRs mentioning WarnGen

Number: 158	Date Entered: 05/15/08	Oper. Mode: Non-Operational
	Entered by: Morris, Jay	Frequency: Always
Status: Technical Screen, not assigned		Level Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Oper Urgency:		
Reference:		
Summary: WarnGen Templates - Pathcast		
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Documentation	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Morris, Jay		
Date Found: 05/15/08		
Software Version: TO8		
Description:	<p>The pathcast appears to work to some degree but modifying configuration settings provides unpredictable results.</p> <p>The <template>.cfg file is included below , comments are in brakets []</p> <p>Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)</p> <p>Need better description of problem to test. It appears that Raytheon has provided additional details regarding the configuration of warnings within inline comments in the xxxx.cfg files. I would suggest that Jay Morris (creator of TTR) goes through to determine if what they have provided is sufficient. Is there other documentation regarding the WarnGen templates and configuration? If not, it seems that there should be.</p> <p>Update for TO9 (Jay Morris SST 12/17/2008) This has been fixed and verified. The instructions were incomplete. Will attach the instructions.</p> <p>Passes in TO9</p>	
Test Case:	yes	
Test case info:	<p>The <template>.cfg file:</p> <ol style="list-style-type: none"> 1. pathcastConfig: If present, this indicates a track product is generated to determine the areas the storm will pass under 2. overThreshold: Specifies a distance in miles that indicates how close a storm can be to a location to be considered "OVER" it. 3. nearThreshold: Specifies a distance in miles that indicates how close a storm can be to a location to be considered "NEAR" it 4. pointField: The field out of the area field that is used for naming the point 5. pointFilter: The filter used to narrow the list of points 6. areaNotationField: The field used to look up the notation for the area 7. areaField: The field used in the area to give the area a name 8. parentAreaField: The field used to give the parent area a name 9. areaNotationTranslationFile: TranslationFile to look up an area notation (County, Parish, Municipality etc.) <p><pathcastConfig></p>	

```

<overThreshold>3.0</overThreshold> [ What does this number mean?
<nearThreshold>8.0</nearThreshold> [ A value of 80 here causes crash - what is limit]
<pointField>NAME</pointField> [ What is this , Is it changeable?]
<pointFilter>
<key>WARNGENLEV</key> [Please explain function and purpose of "point filter"]
<value>3</value>
<type>EXCLUSIVE</type> [ Other option here is INCLUSIVE - what is that?]
</pointFilter>
<areaNotationField>STATE</areaNotationField> [ Are these fields changeable?]
<areaField>COUNTYNAME</areaField>
<parentAreaField>STATE</parentAreaField>
<areaNotationTranslationFile>countyTypes.txt</areaNotationTranslationFile>
</pathcastConfig>

```

Computer**Config:****Location / Test** Unknown**Environment:****Attachments:**

AWIPS II_Warngen_Templates.pdf

Created By: Leonardo, Dario
Date Created: 07/15/08 06:48 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 05:00 PM



TTRs mentioning WarnGen

Number: 160	Date Entered: 05/15/08	Oper. Mode: Non-Operational
	Entered by: Morris, Jay	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: WarnGen Templates - No JAVA Object Reference

Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: Documentation
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Morris, Jay	Date Found: 05/15/08
Software Version: TO8	

Description: The WarnGen Templates contain references to JAVA Objects. The java object are used to manipulate the GeoSpatial data. There is no reference to the available objects, properties, and methods that can be instantiated in the WarnGen Templates.

Note: Velocity by design implies an intimate knowledge of the Java Objects used to parse the templates. Adequate documentation of these objects and their uses is a minimal requirement for any template editor to make more complex modifications to the design.

Update for TO9 (Ken Sperow NWS/MDL):
 Raytheon provided a new document entitled "AWIPS II WarnGen Templates" with TO9 that attempts to address this requirement.
 Passes in TO9

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: Unknown

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:48 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	01/28/09 05:00 PM



TTRs mentioning WarnGen

Number: 161	Date Entered: 05/15/08	Oper. Mode: Non-Operational
	Entered by: Morris, Jay	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary: WarnGen Templates - No Reference Variable doc		
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Documentation	
Subsys	CAVE	
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Morris, Jay	Date Found: 05/15/08	
Software Version: TO8		
Description:	<p>The warngen templates contain multiple "system" or "runtime" variables (Velocity terminology calls them "references"). There is no documentation of where the source values for these variables is originated.</p> <p>Some of the variables have been located in config.xml files. Some variables originate from the current running instance of CAVE. Others are calculated or generated at runtime from the JAVA Objects.</p> <p>We need a source document that lists all possible variables in the templates and what their origin is.</p> <p>Update for TO9 (Ken Sperow NWS/MDL): Raytheon provided a new document entitled "AWIPS II WarnGen Templates" with TO9 that attempts to address this requirement.</p> <p>Passes in TO9 Note: Some of these variables are calculated or derived with the GeodeticCalculator and GeoSpatialQuery but there is no documentation of which calculations or derivations are performed, available, or what the parameters are for these objects.</p> <p>Update for TO9 (Jay Morris SST 12/16/2008) Raytheon provided a document and it contains only 3 pages of instructions on how to manipulate the templates. The documentation is an improvement but not sufficient to complete all processes. Developer provided some additional instructions and were able to pass the test.</p> <p>See TT- 156,158,160 .</p>	
Test Case:	no	
Test case info:		
Computer Config:		
Location / Test Environment:	Unknown	
Created By:	Leonardo, Dario	
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	

Modified By: Thomas, Alissa
Date Modified: 01/28/09 05:01 PM



TTRs mentioning WarnGen

Number: 166	Date Entered: 05/21/08	Oper. Mode: Non-Operational
	Entered by: Morris, Jay	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		
Summary: WarnGen Templates - add custom template		
Workaround:		
Reporting Site:		
Platform meets AWIPS2 min reqs:		
Subsystem:	Support	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Morris, Jay	Date Found: 05/21/08	
Software Version: TO8		
Description:	Unable to add custom template.	
	In AWIPSI the sites had the opportunity to add additional generic templates in addition to the baseline templates. The current AWIPSII structure does not provide the ability to define a new template without modifications to the java code.	
	One option may be to add some generic highly customizable templates that the sites could configure various ways.	
Test Case:		
Test case info:		
Computer Config:		
Location / Test Environment:	Unknown	
Created By:	Leonardo, Dario	
Date Created:	07/15/08 06:48 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	07/23/08 06:56 PM	



TTRs mentioning WarnGen

Number: 202 Date Entered: 06/26/08 Oper. Mode: WFO CONUS
 Entered by: Davison, Stowell Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:**
Type of Usage: Independent Validation and Verification (IV&V) **Oper Urgency:** **Type of Issue:** Defect
Reference:

Summary: "Instructions" display in WarnGen not working
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: yes
Subsystem: System
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Davison, Stowell **Date Found:** 06/26/08
Software Version: TO8

Description: Close to the bottom of the WarnGen dialog shell there is a text display area with the title "Instructions:" above it and the entry "Instructions go here" inside it. In D2D this text area provides context-specific help messages, telling the user what options are available at each stage. In CAVE it never displays anything but "Instructions go here."

Update for TO9 (Ken Sperow/MDL/NWS 12/2/2008)

Failed in TO9. Actual instructions should reside within the "instructions" section.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: Unknown

Created By: Leonardo, Dario
Date Created: 07/15/08 06:49 PM
Creation Method: XML file import
Modified By: Thomas, Alissa
Date Modified: 01/28/09 05:03 PM



TTRs mentioning WarnGen

Number: 203	Date Entered: 06/26/08	Oper. Mode: WFO CONUS
	Entered by: Davison, Stowell	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Defect
Reference:		

Summary: Product type selections missing on WarnGen
Workaround:

Reporting Site:
Platform meets AWIPS2 min reqs:
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Davison, Stowell	Date Found: 06/26/08
Software Version: TO8	

Description: In the middle of the WarnGen dialog there is a radio button group titled "Product Type". In D2D you can select from Flash Flood, Severe Thunderstorm, Tornado, Other. If Flash Flood or Other is selected pulldown lists are activated.

In CAVE you can only select Tornado or Severe Thunderstorm. The Flash Flood selection is visible but disabled. There does not appear to be any pulldown list associated with Flash Flood.

Test Case:
Test case info:
Computer Config:
Location / Test Environment: Unknown

Created By:	Leonardo, Dario
Date Created:	07/15/08 06:49 PM
Creation Method:	XML file import
Modified By:	Thomas, Alissa
Date Modified:	07/23/08 07:42 PM



TTRs mentioning WarnGen

Number: 237	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Missing Functionality
Reference:		
Summary:	Menu Map 2.1.16 WarnGen - Missing Functionality	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	Other	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Pickard, Peter	Date Found: 08/26/08	
Software Version: T08		
Description:	The following functions not implemented within this category: 2.1.16.6 - Other 2.1.16.7 - Update List 2.1.16.9 - Change 2.1.16.13 - Restart	
Test Case:	no	
Test case info:		
Computer		
Config:		
Location / Test	NA	
Environment:		
Created By:	Olsen, John	
Date Created:	08/28/08 07:41 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	09/03/08 04:35 PM	



TTRs mentioning practice or mode

Number: 252

Date Entered: 08/26/08

Oper. Mode:

Entered by: Pickard, Peter

Frequency: Always

Status: Technical Screen, not assigned

Type of Usage: Other

Reference:

Oper Urgency:

Devel Severity:

Type of Issue: Missing Functionality

Summary: Menu Map 2.16 Test Mode Control Program - Missing Functionality

Workaround:

Reporting Site: NWSHQ

Platform meets AWIPS2 min reqs: yes

Subsystem: Other

Subsys: Other

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Pickard, Peter

Date Found: 08/26/08

Software Version: T08

Description: The following functions not implemented within this category:
2.16 - Test Mode Control Program

Test Case: no

Test case info:

Computer

Config:

Location / Test NA

Environment:

Created By: Olsen, John

Date Created: 08/28/08 07:42 PM

Creation Method: XML file import

Modified By: Thomas, Alissa

Date Modified: 09/03/08 04:39 PM



TTRs mentioning WarnGen

Number: 293	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT38- WarnGen- WarnGen GUI pops up in middle of screen by default.		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:	1475	
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	38. DR(non-critical): WarnGen GUI pops up in middle of screen by default. Should default to left side of screen.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer		
Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	09/29/08 02:41 PM	



TTRs mentioning WarnGen

Number: 294

Date Entered: 08/26/08

Oper. Mode:

Entered by: Pickard, Peter

Frequency: Always

Status: Technical Screen, not assigned

Devel Severity: 3 - Minor

Type of Usage: Delivery Test (DT)

Oper Urgency: 1- Resolve prior to OT&E

Type of Issue: Defect

Reference:

Summary: DT39- WarnGen- When selecting TOR you should only see TOR products

Workaround:

Reporting Site: TBDR

Platform meets AWIPS2 min reqs: yes

Subsystem: Other

Subsys: CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #: 1477

Source Files:

Found by: Nicholson, Scott

Date Found: 08/26/08

Software Version: TO9

Description: 39. DR(non-critical, step 53): When selecting TOR you should only see TOR products in the Update List (drop down)

Test Case: yes

Test case info: WarnGen- Test Steps Executed: 42

Computer

Config:

Location / Test NA

Environment:

Created By: Nguyen, Oanh

Date Created: 09/12/08 03:12 PM

Creation Method: XML file import

Modified By: Woodworth, Kevin

Date Modified: 09/29/08 02:42 PM



TTRs mentioning WarnGen

Number: 295	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT40- WarnGen- No extensions for TOR should be shown.		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: T09		
Description:	40. DR(non-critical, step 53): No extensions for TOR should be shown.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer		
Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	09/29/08 02:42 PM	



TTRs mentioning WarnGen

Number: 296

Date Entered: 08/26/08

Oper. Mode:

Entered by: Pickard, Peter

Frequency: Always

Status: Technical Screen, not assigned

Devel Severity: 3 - Minor

Type of Usage: Delivery Test (DT)

Oper Urgency: 1- Resolve prior to OT&E

Type of Issue: Defect

Reference:

Summary: DT41- WarnGen- Severe Weather Statement should only show Severe and TOR's

Workaround:

Reporting Site: TBDR

Platform meets AWIPS2 min reqs: yes

Subsystem: Other

Subsys: CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Nicholson, Scott

Date Found: 08/26/08

Software Version: T09

Description: 41. DR(non-critical, step 53): Severe Weather Statement should only show Severe and TOR's.

Test Case: yes

Test case info: WarnGen- Test Steps Executed: 42

Computer

Config:

Location / Test NA

Environment:

Created By: Nguyen, Oanh

Date Created: 09/12/08 03:12 PM

Creation Method: XML file import

Modified By: Woodworth, Kevin

Date Modified: 09/29/08 02:42 PM



TTRs mentioning WarnGen

Number: 297	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT42- WarnGen- Update list for each product not current.		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	42. note(informational): NWS previously provided a table detailing the various combinations of what is supposed to be showing in the update list, for each product.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer		
Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	09/29/08 02:42 PM	



TTRs mentioning WarnGen

Number: 298

Date Entered: 08/26/08

Oper. Mode:

Entered by: Pickard, Peter

Frequency: Always

Status: Technical Screen, not assigned

Devel Severity: 3 - Minor

Type of Usage: Delivery Test (DT)

Oper Urgency: 1- Resolve prior to OT&E

Type of Issue: Defect

Reference:

Summary: DT43- WarnGen- Update list does not show all of the letters in the entry

Workaround:

Reporting Site: TBDR

Platform meets AWIPS2 min reqs: yes

Subsystem: Other

Subsys: CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #: 1479

Source Files:

Found by: Nicholson, Scott

Date Found: 08/26/08

Software Version: TO9

Description: 43. DR(non-critical): Update list does not show all of the letters in the entry. Caused by not automatically resizing, similar behavior noted in other areas i.e. after a refresh, it will show the whole thing.

Test Case: yes

Test case info: WarnGen- Test Steps Executed: 42

Computer

Config:

Location / Test NA

Environment:

Created By: Nguyen, Oanh

Date Created: 09/12/08 03:12 PM

Creation Method: XML file import

Modified By: Woodworth, Kevin

Date Modified: 09/29/08 02:42 PM



TTRs mentioning WarnGen

Number: 299	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Devel Severity: 1- Critical	
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT44- WarnGen- Follow-on action of any product re-sets storm motion indicator		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:	1474	
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	44. DR(critical): any follow-on action of any product re-sets storm motion indicator instead of picking up the last previous position. No practical workaround as user is required to manually estimate previous position of storm track, which is impractical i.e. testing integrity would be compromised.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer		
Config:		
Location / Test	NA	
Environment:		
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	09/29/08 02:42 PM	



TTRs mentioning WarnGen

Number: 300	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT45- WarnGen- Failed to re-issue a TOR.		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:	1480	
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	45. DR(non-critical, software stability): Was critical at first and then re-tested after a complete shut down and restart of CAVE. What happened was that after going through some number of steps (around 60), the system failed to re-issue a TOR. It appeared that the software just didn't work i.e. no product was generated, with no error message given. The re-issue functionality was re-tested and passed but this DR remains to document the apparent software stability issue encountered.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer		
Config:		
Location / Test	NA	
Environment:		
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	09/29/08 02:42 PM	



TTRs mentioning WarnGen

Number: 301	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency: 5 - Defer to Technical Screen	Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)		Type of Issue: Defect
Reference:		
Summary:	DT46- WarnGen- Invalid WarnGen test steps	
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	46. note(test documentation): steps 62-70 are invalid for the product in question i.e. do not pertain.	
	K.Woodworth (10/31/08) - Test Case needs to be updated to remove non-essential steps as follows:	
	WarnGen delivery Test Case steps 62-70 (extension in time) are not valid for the SVS product. These steps should be removed from future SVS delivery tests. Steps 62-70 apply to hydrologic products only and should be included in future delivery tests for the WarnGen hydro products FFW and FLW only.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	10/31/08 02:49 PM	



TTRs mentioning WarnGen

Number: 302	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT47 - WarnGen- SVS product should not be in bulleted format		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	1485	
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	47. DR(non-critical, steps 80 - 83): SVS product should not be in bulleted format i.e. current format is incorrect.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	09/29/08 02:44 PM	



TTRs mentioning WarnGen

Number: 303

Date Entered: 08/26/08

Oper. Mode:

Entered by: Pickard, Peter

Frequency: Always

Status: Technical Screen, not assigned

Devel Severity: 3 - Minor

Type of Usage: Delivery Test (DT)

Oper Urgency: 1- Resolve prior to OT&E

Type of Issue: Defect

Reference:

Summary: DT48- WarnGen- Did not pick up changes to a partial cancellation when removed a county

Workaround:

Reporting Site: TBDR

Platform meets AWIPS2 min reqs: yes

Subsystem: Other

Subsys: CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #: 1481

Source Files:

Found by: Nicholson, Scott

Date Found: 08/26/08

Software Version: TO9

Description: 48. DR(non-critical): Did not pick up changes to a partial cancellation when removed a county. This turned out to be a refresh problem similar to others documented elsewhere in that when a refresh was done, the changes did show up.

Test Case: yes

Test case info: WarnGen- Test Steps Executed: 42

Computer

Config:

Location / Test NA

Environment:

Created By: Nguyen, Oanh

Date Created: 09/12/08 03:12 PM

Creation Method: XML file import

Modified By: Woodworth, Kevin

Date Modified: 09/29/08 02:44 PM



TTRs mentioning WarnGen

Number: 304	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT49- WarnGen- Re-ingest after partial cancellation was extremely slow		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:	1481	
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: T09		
Description:	49. DR(non-critical, performance): re-ingest after partial cancellation was extremely slow (2-3 minutes).	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer		
Config:		
Location / Test Environment:	NA	
Created By: Nguyen, Oanh		
Date Created: 09/12/08 03:12 PM		
Creation Method: XML file import		
Modified By: Woodworth, Kevin		
Date Modified: 10/31/08 02:47 PM		



TTRs mentioning WarnGen

Number: 305	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT50- WarnGen- Cancellations and expirations should not allow any changes		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	1482	
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	50. DR(non-critical): cancellations and expirations should not allow any changes to warning box graphics i.e. they should all be locked down. In fact, they should not even come up (the warning box0. Current behavior they do come up and are editable.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	09/29/08 02:44 PM	



TTRs mentioning WarnGen

Number: 306	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 5 - Defer to Technical Screen	Type of Issue: Defect
Reference:		
Summary:	DT51- WarnGen- For cancellations and expirations the WarnGen GUI should be grayed out	
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	51. note(informational): For cancellations and expirations the WarnGen Gui should be grayed out (locked down) and it is. Just a note since the graphics portion is not right, seems odd that the gui behavior would be correct.	
	K.Woodworth (09/29/08) - This is not a TTR as it states that the functionality is working correctly.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer		
Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	09/12/08 03:12 PM	
Creation Method:	XML file import	
Modified By:	Woodworth, Kevin	
Date Modified:	09/29/08 02:45 PM	



TTRs mentioning WarnGen

Number: 307

Date Entered: 08/26/08

Oper. Mode:

Entered by: Pickard, Peter

Frequency: Always

Status: Technical Screen, not assigned

Devel Severity: 3 - Minor

Type of Usage: Delivery Test (DT)

Oper Urgency: 1- Resolve prior to OT&E

Type of Issue: Defect

Reference:

Summary: DT52- WarnGen- For corrections the WarnGen GUI box is grayed out

Workaround:

Reporting Site: TBDR

Platform meets AWIPS2 min reqs: yes

Subsystem: Other

Subsys: CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #: 1483

Source Files:

Found by: Nicholson, Scott

Date Found: 08/26/08

Software Version: T09

Description: 52. DR(non-critical): For corrections the WarnGen gui box is grayed out (locked down) but should not be.

Test Case: yes

Test case info: WarnGen- Test Steps Executed: 42

Computer

Config:

Location / Test NA

Environment:

Created By: Nguyen, Oanh

Date Created: 09/12/08 03:13 PM

Creation Method: XML file import

Modified By: Woodworth, Kevin

Date Modified: 09/29/08 02:45 PM



TTRs mentioning WarnGen

Number: 308	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT53- WarnGen- SVS product has spaces where it should not, after ellipses.		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	1484	
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: T09		
Description:	53. DR(non-critical): SVS product has spaces where it should not, after ellipses.	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer Config:		
Location / Test Environment:	NA	
Created By: Nguyen, Oanh		
Date Created:	09/12/08 03:13 PM	
Creation Method: XML file import		
Modified By: Woodworth, Kevin		
Date Modified:	09/29/08 02:45 PM	



TTRs mentioning WarnGen

Number: 309	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 3 - Minor
Type of Usage: Delivery Test (DT)	Oper Urgency: 1- Resolve prior to OT&E	Type of Issue: Defect
Reference:		
Summary: DT54- WarnGen- MND header time stamp should not have a leading zero		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	1484	
Source Files:		
Found by: Nicholson, Scott	Date Found: 08/26/08	
Software Version: TO9		
Description:	54. DR(non-critical): MND header time stamp should not have a leading zero in the am (or in any case) Current: 0854 AM CDT Thu Aug 14 2008 Should be: 854 AM CDT Thu Aug 14 2008"	
Test Case:	yes	
Test case info:	WarnGen- Test Steps Executed: 42	
Computer Config:		
Location / Test Environment:	NA	
Created By: Thomas, Alissa		
Date Created: 09/26/08 01:41 PM		
Creation Method: Add TTR window		
Modified By: Woodworth, Kevin		
Date Modified: 09/29/08 02:45 PM		



TTRs mentioning WarnGen

Number: 335 Date Entered: 08/29/08 Oper. Mode: WFO CONUS
 Entered by: Schneider, Bill Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:**
Type of Usage: User Functional Evaluation (UFE) **Oper Urgency:** 1- Resolve prior to OT&E **Type of Issue:** Defect
Reference:

Summary: warngen drag-me-to-storm target size in T08

Workaround:

Reporting Site: PQR
Platform meets AWIPS2 min reqs: yes
Subsystem: System
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Schneider, Bill **Date Found:** 08/28/08
Software Version: T08

Description: When using WarnGen, the drag-me-to-storm "target" is scaled too small after the initial move of the target. Only by zooming in does the target enlarge enough to be easily seen/grabbed. AWIPS 1 warnGen keeps the target a constant size no matter the zoom level. The target should not be any smaller than the initial size as this could delay generation of a warning.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: none

Created By: Schneider, Bill
Date Created: 08/29/08 05:18 PM
Creation Method: Add TTR window
Modified By: Woodworth, Kevin
Date Modified: 09/08/08 05:43 PM



TTRs mentioning WarnGen

Number: 365	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Evaluate Variance, not assigned		Devel Severity:
Type of Usage: Other	Oper Urgency:	Type of Issue: Variance
Reference:		
Summary: VAR_016- WarnGen Lat..Lon List		
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	Other	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Pickard, Peter	Date Found: 08/26/08	
Software Version: TO8		
Description:	Warning Polygon will more closely match the CWA boundaries because of using GIS library functions.	
	4 - Fix prior to the Start of OTE. Need to maintain limit of 20 lat/lon pairs. Also, it is not acceptable to have polygon lines crossing illegally	
Test Case:	no	
Test case info:		
Computer Config:		
Location / Test Environment:	NA	
Request UFE By: Thomas, Alissa		
Date: 10/14/08		
Notes:		
Created By:	Nguyen, Oanh	
Date Created:	10/14/08 03:36 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	01/29/09 05:53 PM	



TTRs mentioning WarnGen

Number: 366	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Welcomed Enhancement	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Variance
Reference:		
Summary: VAR_017- WarnGen Templates		
Workaround:		
Reporting Site: NWSHQ		
Platform meets AWIPS2 min reqs: yes		
Subsystem: Other		
Subsys: Other		
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Pickard, Peter	Date Found: 08/26/08	
Software Version: TO8		
Description: New warning templates in a standard template language.		
	0 - Welcomed enhancement	
Test Case: no		
Test case info:		
Computer Config:		
Location / Test Environment: NA		
	Request UFE By: Thomas, Alissa	Date: 10/14/08
Notes:		
VarianceAdjudication By: Thomas, Alissa	Date: 01/29/09	
Resulting State: Closed, Welcomed Enhancement		
Notes:		
Created By: Nguyen, Oanh		
Date Created: 10/14/08 03:36 PM		
Creation Method: XML file import		
Modified By: Thomas, Alissa		
Date Modified: 01/29/09 05:54 PM		



TTRs mentioning WarnGen

Number: 374	Date Entered: 08/26/08	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Welcomed Enhancement	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Variance
Reference:		
Summary:	VAR_025- WarnGen warning by polygon	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Pickard, Peter	Date Found: 08/26/08	
Software Version: TO8		
Description:	CAVE generates a lat/lon list for the warning text that is different than D2D. CAVE uses geoTools GIS functions that exactly determine the boundaries of the warning area following the rules for Country Warning Area etc. D2D uses a unique algorithm for determining the lat/lon list that adds unnecessary vertices and the vertices often cross into forbidden areas (i.e. the current implementation is not following the rules precisely.) Functionally, CAVE is following the warning area rules more exactly but will create a warning text product that is slightly different than D2D.	
	0 - Welcomed enhancement	
Test Case:	no	
Test case info:		
Computer Config:		
Location / Test Environment:	NA	
	Request UFE By: Thomas, Alissa	Date: 10/14/08
Notes:		
VarianceAdjudication By: Thomas, Alissa	Date: 01/29/09	
Resulting State: Closed, Welcomed Enhancement		
Notes:		
Created By:	Nguyen, Oanh	
Date Created:	10/14/08 03:36 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	01/29/09 05:53 PM	



TTRs mentioning WarnGen

Number: 404 Date Entered: 11/14/08 Oper. Mode: Non-Operational
 Entered by: Morris, Dale Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:**
Type of Usage: User Functional **Oper Urgency:** 1- Resolve prior to OT&E **Type of Issue:** Defect
 Evaluation (UFE)
Reference:

Summary: WarnGen Incorrect wording in hail report bullet for SVR warning
Workaround:

Reporting Site: OUN
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Morris, Dale **Date Found:** 11/14/08
Software Version: TO9

Description: If a report of baseball hail is selected for a SVR warning, the warning text says:

"...THUNDERSTORM CAPABLE OF PRODUCING LARGE DAMAGING HAIL UP TO BASEBALL SIZE LARGE DAMAGING HAIL UP TO ."

The problem can be traced to incorrect wording in the corresponding Velocity template (.../cave/etc/warngen/severethunderstorm.vm) that sets a \$hailTrail variable to "LARGE DAMAGING HAIL UP TO" when it should be set to "".

Also, there seems to be an extra period in the text after the hail report. For example:

"...THE PUBLIC REPORTED A SEVERE THUNDERSTORM CAPABLE OF PRODUCING ... HAIL UP TO. 9 MILES SOUTH OF LEIGH".

Test Case: no

Test case info:

Computer Config:

Location / Test Environment: Normal stand-alone configuration

Created By: Morris, Dale
Date Created: 11/14/08 07:10 PM
Creation Method: Add TTR window
Modified By: Woodworth, Kevin
Date Modified: 11/21/08 12:32 PM



TTRs mentioning WarnGen

Number: 428	Date Entered: 11/26/08	Oper. Mode:
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned		Level Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Variance
Oper Urgency: 1- Resolve prior to OT&E		
Reference:		
Summary: WarnGen - Locking Text		
Workaround:		
Reporting Site: NWSHQ		
Platform meets AWIPS2 min reqs: yes		
Subsystem: Operations		
Subsys: CAVE		
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		

Found by: Rega, Mike **Date Found:** 11/26/08
Software Version: TO9

Description: The NWS supports the concept of locking certain sections of the WarnGen product text. This is a variance from AWIPS I that was informally supported by OCWWS and NWS Regional Reps at a meeting on October 24, 2008. AWIPS I WarnGen product format QC checking is complex and error prone. The NWS desires to simplify the AWIPS II QC checking. Attached are definitions of the required baseline locked text for 14 WarnGen products. Formal definitions for 4 products are still needed: the standalone MWS, SVS (EWW followup), NOW and SPS.

The NWS requires that the baseline definition of locked text be configurable by the local WFO for each WarnGen product. That is, for each WarnGen product at a particular AWIPS site, the baseline definition of locked text must be configurable using only system administrator privileges. For each WarnGen product, the site specific locked text (and baseline locked text) must be the same for all AWIPS users. If a local site changes the baseline locked text, the automated AWIPS QC checking may be adversely affected.

Automated format QC checking is required to assure that AWIPS correctly generates the locked text. The NWS requires that the operator have the ability to manually override text locking on a case by case basis. When the "create text" button is used, the "scratch" version of the product is generated. The operator must be able to save the scratch version and have the ability to manually edit the locked text before transmitting/saving the operational version of the product.

When the operational version of the product is transmitted/saved, automated format QC checking is required. The QC checking is required, as much as possible, even on text that the local site removed from/added to the baseline locked text. Before the operational version of the product is transmitted/saved, there must be a means to correct to any errors found by the automated QC checker.

The NWS hopes to provide detailed business rules for the AWIPS I WarnGen format QC checking in a separate document.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: nhda
Attachments:

TOR.doc
SVR.doc
SVS.doc
SMW.doc
SMWFollowup.doc
ArealFloodAdvisory.doc
FloodAdvisoryFollowup.doc
ArealFloodWarning.doc
FloodWarningFollowup.doc
FFW.doc
FFS.doc
FFW_Dam.doc
FFS_Dam.doc
EWW.doc

Created By: Rega, Mike
Date Created: 11/26/08 10:19 PM
Creation Method: Add TTR window
Modified By: Woodworth, Kevin
Date Modified: 12/15/08 01:01 PM



TTRs mentioning WarnGen

Number: 436 Date Entered: 12/03/08 Oper. Mode: WFO CONUS
 Entered by: Frederick, James Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:**
Type of Usage: Independent Validation and Verification (IV&V) **Oper Urgency:** 1- Resolve prior to OT&E **Type of Issue:** Defect
Reference:

Summary: tornado warning template formats lat...lon line improperly
Workaround:

Reporting Site: OAX
Platform meets AWIPS2 min reqs: no
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Frederick, James **Date Found:** 12/03/08
Software Version: TO9

Description: When tornado warning product is generated in warnngen the text output doesn't format the LAT...LON line properly. The number of lat...lon pairs should be 4 or less per line. The output gave 6 lat lon pairs on a line.

Test Case: no

Test case info:

Computer Config:

Location / Test Environment: lx2-nhda live data

Created By: Frederick, James
Date Created: 12/03/08 03:37 PM
Creation Method: Add TTR window
Modified By: Woodworth, Kevin
Date Modified: 12/18/08 01:48 PM



TTRs mentioning WarnGen

Number: 438 Date Entered: 12/03/08 Oper. Mode: WFO CONUS
 Entered by: Davis, Matt Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:** 1- Critical
Type of Usage: User Functional Evaluation (UFE) **Oper Urgency:** 1- Resolve prior to OT&E **Type of Issue:** Defect
Reference:

Summary: Warnngen - Fails to start
Workaround:

Reporting Site: ARX
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Davis, Matt **Date Found:** 12/03/08
Software Version: TO9

Description: Warnngen will fail to display warnngen GUI. Start Cave. Set scale to WFO. Start text workstation. Attempt to load a Local Reflectivity Image (In this case, KOAX, 0.5 Refl), You will be notified that there is no inventory for the product. Press the warnngen button. Warnngen Gui will fail to start, but will not display an error message.

A similar and related case occurs when you attempt to load "Local CWA Warnings" under the NCEP/Hydro menu instead fo the reflectivity product under the same scenario.

Test Case: yes
Test case info: Found as part of IV&V test case TO9_9001
Computer Config:
Location / Test Environment: NHDA

Created By: Davis, Matt
Date Created: 12/03/08 09:55 PM
Creation Method: Add TTR window
Modified By: Woodworth, Kevin
Date Modified: 12/18/08 01:48 PM



TTRs mentioning WarnGen

Number: 439

Date Entered: 12/03/08

Oper. Mode: Regional
Headquarters

Entered by: Frederick, James

Frequency: Always

Status: Technical Screen, not assigned

Devel Severity: 1- Critical

Type of Usage: Independent Validation
and Verification (IV&V)

Oper Urgency: 1- Resolve prior to OT&E

Type of Issue: Defect

Reference:

Summary: warnGen - TextWindow wrap of warning products is bad

Workaround:

Reporting Site: NWSHQ

Platform meets yes

AWIPS2 min
reqs:

Subsystem: System

Subsys CAVE

Components:

Target Task

Order Date:

Target Task

Order::

Response

Received:

Raytheon DR #:

Source Files:

Found by: Frederick, James

Date Found: 12/03/08

Software Version: TO9

Description: When bulleted warning products are formatted and displayed in the text window, no word wrap is on and so products have linelengths greater than 69 characters. When word wrap is turned on...the text is wrapped incorrectly. bullets loose their format and lat...lon pairs are split (latitude on one line and the corresponding longitude is on the next line). Wrapping should preserve the appearances of a properly formatted bulleted product

Test Case: yes

Test case info:

Computer

Config:

Location / Test ssmc2 nhda

Environment:

Created By: Frederick, James

Date Created: 12/03/08 09:55 PM

Creation Method: Add TTR window

Modified By: Woodworth, Kevin

Date Modified: 12/18/08 01:48 PM



TTRs mentioning WarnGen

Number: 440	Date Entered: 12/03/08	Oper. Mode: Regional Headquarters
	Entered by: Frederick, James	Frequency: Always
Status: Technical Screen, not assigned		Devel Severity: 1- Critical
Type of Usage: Independent Validation and Verification (IV&V)		Oper Urgency: 1- Resolve prior to OT&E
		Type of Issue: Defect
Reference:		
Summary: Warnngen - warnngen gui doesn't update with CAN-CON-COR for warning		
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	System	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Frederick, James		
Date Found: 12/03/08		
Software Version: TO9		
Description:	<p>Could not get warnngen gui to update with CAN-COR-COR options after a tornado warning was generated, saved, sent and copied to the mule endpoint. Mule picked up the text but decoded it with "0 Records" processed. Followed procedure notes from email.</p> <p>12/18/08 - Bob Rood indicated that there were procedures developed by Mike Rega of the AWIPS SST, for the purpose of testing warning product life cycle OB9 (using the TOR and SVR templates delivered in OB8 and the SVS template included in OB9). In addition to the two lifecycle test cases, Mike also generate a work around procedure which performs the Save, Send, and Ingest functions not present in OB9 (the workaround supports both IV&V test procedures - 9001 and 9002). I have attached the files to the TTR. - Kevin M. Woodworth</p>	
Test Case:	no	
Test case info:		
Computer Config:		
Location / Test Environment:	nwshq nhda	
Attachments:		
	IV&V_Test_Case_TO9_9001.doc	
	IV&V_Test_Case_TO9_9002.doc	
	Save-Send-Ingest WarnGen products in TO9.doc	
Created By: Frederick, James		
Date Created: 12/03/08 10:00 PM		
Creation Method: Add TTR window		
Modified By: Woodworth, Kevin		
Date Modified: 12/18/08 03:49 PM		



TTRs mentioning WarnGen

Number: 441 Date Entered: 12/03/08 Oper. Mode: WFO CONUS
 Entered by: Davis, Matt Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:** 1- Critical
Type of Usage: User Functional Evaluation (UFE) **Oper Urgency:** 1- Resolve prior to OT&E **Type of Issue:** Defect
Reference:

Summary: Warngen - Will not create follow up products

Workaround:

Reporting Site: ARX
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Davis, Matt **Date Found:** 12/03/08
Software Version: TO9

Description: Warngen does not allow issuance of follow up products. Start Cave. Start Text Workstation. Start Warngen. Create a Tornado Warning. Copy the text of the tor.txt on the EDEX endpoint, in this case ...edex/opt/data/sbn/warning. Edex will ingest the warning. The ingest of the product will appear in the EDEX log. However, no option to create follow ups will display in warngen. For instance, after ingesting the initial warning, warngen should allow you to select "Severe Weather Statement", then "Update List", and allow you to issue a SVS based on the warning.

Test Case: yes
Test case info: Part of IV&V Test Case TO9_9001.
Computer Config:
Location / Test Environment: NHDA

Created By: Davis, Matt
Date Created: 12/03/08 10:03 PM
Creation Method: Add TTR window
Modified By: Woodworth, Kevin
Date Modified: 12/18/08 01:48 PM



TTRs mentioning WarnGen

Number: 442 Date Entered: 12/03/08 Oper. Mode: WFO CONUS
 Entered by: Davis, Matt Frequency: Always

Status: Technical Screen, not assigned **Devel Severity:** 1- Critical
Type of Usage: User Functional Evaluation (UFE) **Oper Urgency:** 1- Resolve prior to OT&E **Type of Issue:** Defect
Reference:

Summary: Warnngen - Allows you to enter GFE Perspective/Fails
Workaround:

Reporting Site: ARX
Platform meets AWIPS2 min reqs: yes
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Davis, Matt **Date Found:** 12/03/08
Software Version: TO9

Description: Warnngen will allow you to leave the D2D perspective and enter the GFE perspective during the process of issuing a warning. Start Cave. Start Text Workstation. Start Warnngen. Create a warning polygon (hatched area). Select New perspective. Select GFE. GFE will start, but the main map pane will still show the hatched polygon from warnngen. If you attempt to issue the warning at this point, warnngen will error out with message "Error executing template" and "Error setting up universe", and a number of Null pointer excpetions. If you attempt to return to D2D perspective and issue warning, will receive errors as well. Once warnngen GUI displays and warning process begins, no other perspectives whould be selctable. You should be "locked" until warning has been sent, or user cancels the process and closes warnngen GUI.

Test Case: no
Test case info:
Computer Config:
Location / Test Environment: NHDA

Created By: Davis, Matt
Date Created: 12/03/08 10:11 PM
Creation Method: Add TTR window
Modified By: Woodworth, Kevin
Date Modified: 12/18/08 01:48 PM



TTRs mentioning WarnGen

Number: 466	Date Entered: 01/30/09	Oper. Mode:
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Delivery Test (DT)		Type of Issue: Variance
Reference:		
Summary: WarnGen - configuring default storm motion		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task		
Order::		
Response		
Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 01/23/09	
Software Version: TO10		
Description:	<p>Andre Tarro recommended writing this TTR based on NWS review of the proposed TO10 delivery test procedures. The TO10 WarnGen delivery test procedure (Steps 10-19) describes how to configure the default WarnGen storm direction and speed (in file cave/etc/warnngen/severethunderstorm_OAX.cfg, edit the defaultSpeedKt and defaultDirection values). On January 23, 2009, Mike Moss confirmed that the default storm motion can be configured on TBW3 running TO10. The correct AWIPS I default motion (from 225 deg at 20 kt) is configured in the TO10 baseline.</p> <p>This is a variance since there is no means in AWIPS I to configure the default storm motion. The variance may be useful if the site wishes to change the default storm motion based on local climatology.</p> <p>In AWIPS I, the 225/20 default is overridden if a radar storm motion exists or if a recent WarnGen product was issued with a storm motion. The radar and WarnGen recent storm motion was not tested in this case, only the configuration of the baseline storm motion.</p>	
Test Case:	yes	
Test case info:	WarnGen TO10 delivery test, steps 10 to 19.	
Computer		
Config:		
Location / Test Environment:	TBW3	
Created By:	Rega, Mike	
Date Created:	01/30/09 07:16 PM	
Creation Method:	Add TTR window	
Modified By:	Rega, Mike	
Date Modified:	01/30/09 07:16 PM	



TTRs mentioning WarnGen

Number: 467	Date Entered: 01/30/09	Oper. Mode:
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Other		Type of Issue: Missing Functionality
Reference:		
Summary:	TO9 CAVE OBS Menu Missing Functionality	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 01/30/09	
Software Version: TO9		
Description:	<p>Andre Tarro recommended writing this TTR as a result of NWS review of TO10 WarnGen delivery test procedures. The TO9 CAVE OBS menu has missing functionality which probably is also missing in TO10.</p> <p>The OB9 CAVE OBS menu, hazards section contains the following items:</p> <ul style="list-style-type: none"> lightning local CWA warnings local CWA flood warnings marine warnings other warning displays local and regional warnings local and regional flood warnings all local warnings all regional warnings local storm reports fog monitor snow <p>The TO9 CAVE OBS menu, hazard section only has the following items:</p> <ul style="list-style-type: none"> lightning other warning displays local and regional warnings (this does not work in TO9) 	
Test Case:	no	
Test case info:		
Computer Config:		
Location / Test Environment:	NHDA	
Created By:	Rega, Mike	
Date Created:	01/30/09 07:27 PM	
Creation Method:	Add TTR window	
Modified By:	Rega, Mike	
Date Modified:	01/30/09 07:36 PM	



TTRs mentioning WarnGen

Number: 470	Date Entered: 02/20/09	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Delivery Test (DT)		Type of Issue: Defect
Reference:		
Summary:	DT80-Warngen TIME...MOT...LOC stanzas have wrong time; times not uniform in warning	
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	782	
Source Files:		
Found by: Pickard, Peter	Date Found: 02/17/09	
Software Version: TO10		
Description:	<p>In the TIME...MOT...LOC section of Warnngen, the time is sometimes incorrect. Further description from 01/29/08 comments: A warning created from the NWS office revealed that: 1) The beginning time of the warning (VTEC-1938Z) should match when the warning was issued (138 PM CST-local time) and the time in the TIME...MOT...LOC line (1938Z). This also matches the time in the TTAA00 KOAX 101938 line. 2) The ending time of the warning (VTEC-2015Z) should match when the warning ends (UNTIL 215 PM CST-local time). This also matches the time in the county line (NEC055-153-155-102015) 3) The time in the text message reflects when the the latest frame on which WarnGen? was used to issue the warning (AT 127 PM CST...)</p> <p>Ticket: 782 Priority: 3 Component: CAVE State: Resolved</p>	
Test Case:	yes	
Test case info:	WarnGen 2.0 Step 41	
Computer Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	02/23/09 05:11 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	02/24/09 04:45 PM	



TTRs mentioning WarnGen

Number: 474	Date Entered: 02/20/09	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Delivery Test (DT)		Type of Issue: Defect
Reference:		
Summary:	DT84-The vector in WarnGen needs the time values at the arrowhead	
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	813	
Source Files:		
Found by: Pickard, Peter	Date Found: 02/17/09	
Software Version: TO10		
Description:	The time value is needed at the arrowhead (forecast time based on the duration of the warning).	
	Ticket: 813 Priority: 4 Component: CAVE State: Resolved	
Test Case:	yes	
Test case info:	WarnGen 2.0 Step 29 & 37	
Computer Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	02/23/09 05:11 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	02/23/09 09:09 PM	



TTRs mentioning WarnGen

Number: 480	Date Entered: 02/20/09	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Delivery Test (DT)		Type of Issue: Defect
Reference:		
Summary: DT90-Extra blank lines are entered into the text warning product		
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	868	
Source Files:		
Found by: Pickard, Peter	Date Found: 02/17/09	
Software Version: TO10		
Description:		
	Warnings created through WarnGen have extra lines within the text product. These lines need to be removed for correct formatting.	
	Ticket: 868 Priority: 4 Component: CAVE State: Resolved	
Test Case:	yes	
Test case info:	WarnGen 2.9 Step 39	
Computer Config:		
Location / Test Environment:		
	NA	
Created By:	Nguyen, Oanh	
Date Created:	02/23/09 05:11 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	02/23/09 09:10 PM	



TTRs mentioning WarnGen

Number: 481	Date Entered: 02/20/09	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Delivery Test (DT)		Type of Issue: Defect
Reference:		
Summary:	DT91-The text warning product created through WarnGen is missing the County number line	
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	869	
Source Files:		
Found by: Pickard, Peter	Date Found: 02/17/09	
Software Version: TO10		
Description:	Warnings created through WarnGen should have a County number line above the VTEC code listing the county numbers which are in the warning. (E.g., NEC055-153-155-102015-) Note: The last set of numbers is the date (day) and end time of the warning.	
	Ticket: 869 Priority: 4 Component: CAVE State: Resolved	
Test Case:	yes	
Test case info:	WarnGen 2.0 Step 42	
Computer Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	02/23/09 05:11 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	02/24/09 04:46 PM	



TTRs mentioning WarnGen

Number: 482	Date Entered: 02/20/09	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Delivery Test (DT)		Type of Issue: Defect
Reference:		
Summary:	DT92-The direction the storm is away from a city is 180 degrees off-in the opposite direction	
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	870	
Source Files:		
Found by: Pickard, Peter	Date Found: 02/17/09	
Software Version: TO10		
Description:	<p>The warning text created through WarnGen states a storm may be, for example, 5 miles northwest of Omaha, when the actual storm is 5 miles southeast of Omaha.</p> <p>Ticket: 870 Priority: 4 Component: CAVE State: Resolved</p>	
Test Case:	yes	
Test case info:	WarnGen 2.0 Step 39	
Computer Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	02/23/09 05:11 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	02/24/09 04:44 PM	



TTRs mentioning WarnGen

Number: 521	Date Entered: 02/20/09	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Delivery Test (DT)		Type of Issue: Defect
Reference:		
Summary:	DT131: The date and time attributes failed to update in WarnGen products	
Workaround:		
Reporting Site:	TBDR	
Platform meets AWIPS2 min reqs:	yes	
Subsystem:	Other	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:	1974	
Source Files:		
Found by: Pickard, Peter	Date Found: 02/17/09	
Software Version: TO10		
Description:	In Non-Convective Flash Flood Warning and Areal Flood Warning text the current date and time attributes are incorrect	
Test Case:	yes	
Test case info:	WarnGen 2.0 Step 688, 802, 818, 833, 846, 896	
Computer Config:		
Location / Test Environment:	NA	
Created By:	Nguyen, Oanh	
Date Created:	02/23/09 05:11 PM	
Creation Method:	XML file import	
Modified By:	Thomas, Alissa	
Date Modified:	02/27/09 02:02 PM	



TTRs mentioning WarnGen

Number: 530	Date Entered: 02/20/09	Oper. Mode:
	Entered by: Pickard, Peter	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Delivery Test (DT)		Type of Issue: Defect
Reference:		
Summary: DT140: WarnGen Issues		
Workaround:		
Reporting Site: TBDR		
Platform meets AWIPS2 min reqs: yes		
Subsystem: Other		
Subsys: CAVE		
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #: 1989		
Source Files:		
Found by: Pickard, Peter	Date Found: 02/17/09	
Software Version: TO10		
Description: some template parameters missing		
Test Case: yes		
Test case info: WarnGen 2.0 Steps 500, 517,...,931, 946, 962, 977		
Computer Config:		
Location / Test Environment: NA		
Created By: Nguyen, Oanh		
Date Created: 02/23/09 05:11 PM		
Creation Method: XML file import		
Modified By: Thomas, Alissa		
Date Modified: 02/27/09 02:03 PM		



TTRs mentioning WarnGen

Number: 533	Date Entered: 03/05/09	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Missing Functionality
Reference:		

Summary: WarnGen - automated watch information
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: no
Subsystem: System
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike	Date Found: 03/05/09
Software Version: TO10	

Description: When a severe weather watch is in effect, AWIPS I WarnGen automatically includes watch information near the bottom of the WarnGen product. In AWIPS I (e.g. site LWX), the SPCcheck program creates watch information files in LX files /awips/fxa/data/localizationDataSets/LWX/LWX-torWatch.txt and LWX-svrWatch.txt. The AWIPS I WarnGen templates have a #include statement that instruct WarnGen to look for the torWatch and svrWatch files and include the tornado and SVR watch information in WarnGen products.

This item is difficult to test. I don't know of a way to generate a dummy severe weather watch to test this function.

I don't know if this function is missing in AWIPS II, but am including this TTR since this is an often overlooked capability in AWIPS I WarnGen.

Test Case: no
Test case info:
Computer Config: Desktop PC
Location / Test Environment: Desktop PC

Created By: Rega, Mike
Date Created: 03/05/09 07:38 PM
Creation Method: Add TTR window
Modified By: Rega, Mike
Date Modified: 03/05/09 07:50 PM



TTRs mentioning WarnGen

Number: 534	Date Entered: 03/05/09	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always

Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Missing Functionality
Reference:		

Summary: WarnGen - Restart button not implemented
Workaround:

Reporting Site: NWSHQ
Platform meets AWIPS2 min reqs: no
Subsystem: Operations
Subsys: CAVE
Components:
Target Task Order Date:
Target Task Order::
Response Received:
Raytheon DR #:

Source Files:

Found by: Rega, Mike	Date Found: 03/05/09
Software Version: TO10	

Description: AWIPS I WarnGen has a Restart button (at the bottom of the GUI) to reset the D2D WarnGen items on the workstation graphics display. Restart removes the storm track arrow, warning polygon and restores the default "drag me to storm" dot. Restart does not change the WarnGen GUI product type.

On AWIPS II, the Reatart button is greyed out.

3/12/09 - Mike Rega - This TTR supercedes TO8 TTR 60 (which should be closed). RTS said that the restart button would be implemented in TO-10 but it is not.

Test Case: no
Test case info:
Computer Config: Desktop PC
Location / Test Environment: Desktop PC

Created By: Rega, Mike
Date Created: 03/05/09 08:32 PM
Creation Method: Add TTR window
Modified By: Rega, Mike
Date Modified: 03/12/09 09:07 PM



TTRs mentioning WarnGen

Number: 535	Date Entered: 03/05/09 Entered by: Rega, Mike	Oper. Mode: Non-Operational Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Missing Functionality
Reference:		
Summary: WarnGen - Line of Storms not implemented		
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	no	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 03/05/09	
Software Version: TO10		
Description:	<p>AWIPS I WarnGen has a "Line of Storms" button at the top of the GUI. When this is used, the "drag me to storm" dot changes to a vertical line (with the normal single storm dot at each end) labeled "drag line to storm." This enables the forecaster to approximate the location of a line of storms. The number of vertices in the line can be changed on the display by right clicking on the line and using "add vertex." Also the default number of vertices in the line of storms can be configured in file /data/fxa/customFiles/LLL-wwaConfig.template, by changing the value of variable warngenDefaultLineVertex.count (valid values are 2 to 8) and running localization ".mainScript.csh -wwa".</p> <p>In AWIPS II, the "line of storms" button is greyed out.</p>	
Test Case:	no	
Test case info:		
Computer Config:	Desktop PC	
Location / Test Environment:	Desktop PC	
Created By: Rega, Mike		
Date Created: 03/05/09 08:53 PM		
Creation Method: Add TTR window		
Modified By: Rega, Mike		
Date Modified: 03/05/09 09:18 PM		



TTRs mentioning WarnGen

Number: 536	Date Entered: 03/05/09	Oper. Mode: Non-Operational
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Missing Functionality
Reference:		
Summary:	WarnGen - Edit box/track functions not implemented	
Workaround:		
Reporting Site:	NWSHQ	
Platform meets AWIPS2 min reqs:	no	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 03/05/09	
Software Version: TO10		
Description:	In TO-10 the Edit Box/Track functions at the top of the WarnGen GUI are greyed out. In AWIPS I, the default is "edit box and track" (this is the correct AWIPS II default). In AWIPS I, when "edit box" is selected, the storm location becomes a small dot (can't be changed) and the warning polygon vertices are larger hollow triangles (that can be moved). When "edit track" is used, the storm location becomes a larger circle with a large dot inside (can be moved), the poygon vertices become small filled in triangles (can't be moved).	
Test Case:	no	
Test case info:		
Computer Config:	Desktop PC	
Location / Test Environment:	Desktop PC	
Created By:	Rega, Mike	
Date Created:	03/05/09 09:28 PM	
Creation Method:	Add TTR window	
Modified By:	Rega, Mike	
Date Modified:	03/05/09 09:28 PM	



TTRs mentioning WarnGen

Number: 537	Date Entered: 03/06/09	Oper. Mode:
	Entered by: Rega, Mike	Frequency: Always
Status: Technical Screen, not assigned	Oper Urgency:	Devel Severity:
Type of Usage: Independent Validation and Verification (IV&V)		Type of Issue: Missing Functionality
Reference:		
Summary: WarnGen - drainage basins not implemented		
Workaround:		
Reporting Site: NWSHQ		
Platform meets AWIPS2 min reqs:	no	
Subsystem:	Operations	
Subsys	CAVE	
Components:		
Target Task		
Order Date:		
Target Task Order::		
Response Received:		
Raytheon DR #:		
Source Files:		
Found by: Rega, Mike	Date Found: 03/06/09	
Software Version: TO10		
Description:	<p>In AWIPS I, the WarnGen hydro products have a menu item in the CTA section "automated list of drainages". When this is selected, the drainage basin boundaries appear on D2D and the drainage basins are listed in the WarnGen product after the last bullet. The products that have the automated list of drainages are:</p> <ul style="list-style-type: none"> convective FFW and followup SVS dam break FFW and folowup FFS areal FLW and followup FLS FLS advisory and followup FLS combined FFW/SVR and followup FFS (not a valid product in OB9) <p>In TO-10 the "automated list of drainages" exists in the WarnGen menu, but no drainage basin map appears on CAVE. When "create text" is used, the following text appears in the product:</p> <p>THIS INCLUDES THE FOLLOWING STREAMS AND DRAINAGES...&</p> <p>No drainage basins are listed in the product. The CAVE maps menu, "drainage basins" option displays the drainage basin map. Even with this map displayed, no drainage basins are listed in the WarnGen product.</p> <p>The TO-10 TOPO package had been installed on the test system with no errors.</p>	
Test Case:	yes	
Test case info:	<ol style="list-style-type: none"> 1. Launch the text workstation and launch WarnGen 2. Choose one of the hydro warning products (FFW, FLW or FLS) 3. Use strom centroid to define the warning polygon 4. In the WarnGen GUI, CTA section, select "automated list of drainages" 5. The drainage basin map should appear on CAVE 6. Use "create text" 7. After the last bullet in the product, the list of drainage basins should appear. 	
Computer Config:	Desktop PC	
Location / Test Environment:	Desktop PC	
Created By:	Rega, Mike	
Date Created:	03/06/09 04:27 PM	

Creation Method: Add TTR window
Modified By: Rega, Mike
Date Modified: 03/06/09 04:40 PM