

NWS Watches, Warnings, and Advisories using CAP and ATOM based Formats

Service Description Document (SDD)

Part I – Mission Connection

1. Product/Service Description: Internet based feeds of National Weather Service (NWS) watch/warning/advisory products using the XML-based Common Alerting Protocol (CAP) v1.1 and ATOM message formats are operational. CAP is an information standard used to facilitate emergency information sharing and data exchange across local, state, tribal, national and non-governmental organizations of different professions that provide emergency response and management services. The ATOM feed provides an index of active NWS CAP messages in a geographic area.

This SDD is a follow-on replacement for the following SDDs:

- Experimental NWS Watches, Warnings and Advisories Using RSS and CAP Version 1.0
- Experimental NWS Watches, Warnings, and Advisories using ATOM and CAP XML based Formats

The NWS offers NWS CAP messages at <http://weather.gov/alerts/>. While availability of standard NWS alerts reaches 99.9%, current availability of the CAP products is 99.5%, slightly less than the current standard for operational products of this type. The NWS is working to increase availability by 2012.

2. Purpose/Intended Use: NWS CAP messages may be converted to human readable text and graphical formats at a low cost and using standard presentation technologies, such as XML style sheets. This allows NWS Partners, emergency managers, and others to access and re-use or re-distribute detailed NWS watch/warning/advisory information to a greater extent than ever before possible. For example, CAP messages may be readily integrated with consumer electronics, decision support systems, and mobile devices, such as cell phones and smartphones. The use of industry standard formats broadens the depth of partners and others who can aid in the dissemination of this mission critical information.
3. Audience: The intended audience includes anyone involved in the redistribution, repackaging, and consumption of alert information, such as the private weather sector, the news media, web and mobile device applications developers, emergency managers, law enforcement, and the general public.
4. Presentation Format: Indices of active watch/warnings/advisories are made available by US state, county/zones and the entire nation. Each index file, in ATOM format, lists the URI of available CAP messages. XML style sheet technology is used to make these messages more

human readable, but when retrieved by another computer over the network, only the XML code is sent.

5. Feedback Method: To provide additional comments/suggestions, or to request more information about this product/service, please contact:

National Weather Service
Robert Bunge
Robert.bunge@noaa.gov

Or

National Weather Service
Mike Gerber
Mike.Gerber@noaa.gov

Or

via feedback link located at <http://weather.gov/alerts/>.

Part II – Technical Description

1. Formats & Science Basis: Two sets of files are offered, with each representing active alerts for US states, territories and NWS forecast zones. The first set of files is the NWS CAP v1.1 alert messages. A second set of files is an ATOM index, which serves as a companion to the CAP messages.
2. CAP v1.1: The complete alert is provided using the CAP v1.1 format as defined by the OASIS CAP v1.1 standard at:
<http://www.oasis-open.org/committees/download.php/14759/emergency-CAPv1.1.pdf>
- a. Optional CAP Parameters: OASIS CAP v1.1 allows the alert originator to include additional information, called parameters, in each CAP message. When possible, the NWS provides the following parameters in each CAP message.
 - i. NWS has extended the CAP standard through the following Parameters:
 - ii. SAME (EAS SAME code)
 - iii. UGC area codes
 - iv. VTEC header strings
 - v. TIME...MOT...LOC (when available)
 - vi. Storm based warning/Polygon information is provided when available

- vii. Information on NWS zone codes and locations is available at <http://www.weather.gov/geodata/>

b. Sample CAP Message:

```
<?xml version = '1.0' encoding = 'UTF-8' standalone = 'yes'?>
<?xml-stylesheet href='http://www.weather.gov/alerts-beta/capatomproduct.xsl'
type='text/xsl'?>
<alert xmlns = 'urn:oasis:names:tc:emergency:cap:1.1'>
<!-- http-date = Tue, 25 Jan 2011 08:37:00 GMT -->
<identifier>NOAA-NWS-ALERTS-
FL20110125203700SevereThunderstormWarning20110125213000FL.TBWSVRTBW.f809e7f8f
fe0c3658e925873d720fe9c</identifier>
<sender>w-nws.webmaster@noaa.gov</sender>
<sent>2011-01-24T19:00:00-05:00</sent>
<status>Actual</status>
<msgType>Alert</msgType>
<scope>Public</scope>
<note>Alert for Citrus; Hernando; Pasco (Florida) Issued by the National
Weather Service</note>
<references></references>
<info>
<category>Met</category>
<event>Severe Thunderstorm Warning</event>
<urgency>Immediate</urgency>
<severity>Severe</severity>
<certainty>Observed</certainty>
<eventCode>
<valueName>SAME</valueName>
<value>SVR</value>
</eventCode>
<effective>2011-01-25T15:37:00-05:00</effective>
<expires>2011-01-25T16:30:00-05:00</expires>
<senderName>NWS Tampa Bay (West Central Florida)</senderName>
<headline>Severe Thunderstorm Warning issued January 25 at 3:37PM EST
expiring January 25 at 4:30PM EST by NWS Tampa Bay</headline>
<description>THE NATIONAL WEATHER SERVICE IN RUSKIN HAS ISSUED A
* SEVERE THUNDERSTORM WARNING FOR...
CITRUS COUNTY IN FLORIDA.
HERNANDO COUNTY IN FLORIDA.
PASCO COUNTY IN FLORIDA.
* UNTIL 430 PM EST
* AT 330 PM EST...NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED A
LINE OF SEVERE THUNDERSTORMS CAPABLE OF PRODUCING DAMAGING WINDS IN
EXCESS OF 60 MPH. THESE STORMS WERE LOCATED ALONG A LINE EXTENDING
FROM 15 MILES WEST OF CHASSAHOWITZKA TO 30 MILES WEST OF HOLIDAY...
OR ALONG A LINE EXTENDING FROM 15 MILES SOUTHWEST OF CRYSTAL RIVER
TO 29 MILES WEST OF DUNEDIN...AND MOVING EAST AT 50 MPH.
* SEVERE THUNDERSTORMS WILL BE NEAR...
CRYSTAL RIVER.
HOMOSASSA SPRINGS.
BEVERLY HILLS.
WEEKI WACHEE.
INVERNESS.
MOON LAKE ESTATES.</description>
```

```

<instruction>A TORNADO WATCH REMAINS IN EFFECT FOR THE WARNED AREA. IF A
TORNADO
IS SPOTTED...ACT QUICKLY AND MOVE TO A PLACE OF SAFETY IN A STURDY
STRUCTURE...SUCH AS A BASEMENT OR SMALL INTERIOR ROOM.
FOR YOUR PROTECTION MOVE TO AN INTERIOR ROOM ON THE LOWEST FLOOR OF
YOUR HOME OR BUSINESS. THIS STORM HAS THE POTENTIAL TO CAUSE SERIOUS
INJURY AND SIGNIFICANT DAMAGE TO PROPERTY.
A TORNADO WATCH REMAINS IN EFFECT UNTIL 900 PM EST TUESDAY EVENING
FOR WESTERN FLORIDA.</instruction>
<parameter>
<valueName>WMOHEADER</valueName>
<value></value>
</parameter>
<parameter>
<valueName>UGC</valueName>
<value>FLC017-053-101</value>
</parameter>
<parameter>
<valueName>VTEC</valueName>
<value>/O.NEW.KTBW.SV.W.0003.110125T2037Z-110125T2130Z/</value>
</parameter>
<parameter>
<valueName>TIME...MOT...LOC</valueName>
<value>2037Z 270DEG 42KT 2878 8270 2817 8314</value>
</parameter>
<area>
<areaDesc>Citrus; Hernando; Pasco</areaDesc>
<polygon>+28.23,-82.76 +28.54,-82.66 +28.66,-82.68 +28.70,-82.65 +28.74,-
82.69 +28.75,-82.65 +28.76,-82.69 +28.86,-82.73 +28.89,-82.66 +28.95,-82.73
+28.97,-82.31 +28.79,-82.17 +28.72,-82.25 +28.64,-82.26 +28.57,-82.21
+28.52,-82.05 +28.44,-82.05 +28.17,-82.22 +28.17,-82.86 +28.23,-
82.76</polygon>
<geocode>
<valueName>FIPS6</valueName>
<value>012017</value>
</geocode>
<geocode>
<valueName>FIPS6</valueName>
<value>012053</value>
</geocode>
<geocode>
<valueName>FIPS6</valueName>
<value>012101</value>
</geocode>
<geocode>
<valueName>UGC</valueName>
<value>FLC017</value>
</geocode>
<geocode>
<valueName>UGC</valueName>
<value>FLC053</value>
</geocode>
<geocode>
<valueName>UGC</valueName>
<value>FLC101</value>
</geocode>
</area>

```

```
</info>
</alert>
```

3. Atom Index: This file uses the ATOM XML based standard (see <http://en.wikipedia.org/wiki/Atom>) to provide an index of active CAP messages in an area. The index provides a link to the complete CAP message.

a. Extension of the Atom Index: The ATOM format has been extended to include several core CAP elements in order to provide:

- i. Enough information to provide basic information regarding the alert; enough to be used for limited displays such as web page headlines, electronic signs, text messages, etc;
- ii. Enough information for a consumer of the CAP messages to know what alerts are active, when they expire, without having to download the complete CAP message each time they poll the website.

b. Sample Alert Entry:

```
<?xml version = '1.0' encoding = 'UTF-8' standalone = 'yes'?>
<?xml-stylesheet href='http://www.weather.gov/alerts-beta/capatom.xsl'
type='text/xsl'?>
<!--
This atom/xml feed is an index to active advisories, watches and warnings
issued
by the National Weather Service.  This index file is not the complete Common
Alerting Protocol (CAP) alert message.  To obtain the complete CAP alert,
please follow the links for each entry in this index.  Also note the CAP
message uses a style sheet to convey the information in a human readable
format.  Please view the source of the CAP message to see the complete data
set.  Not all information in the CAP message is contained in this index of
active alerts.
-->
<feed
xmlns = 'http://www.w3.org/2005/Atom'
xmlns:cap = 'urn:oasis:names:tc:emergency:cap:1.1'
xmlns:ha = 'http://www.alerting.net/namespace/index_1.0'
>
<!-- http-date = Tue, 25 Jan 2011 08:37:00 GMT -->
<id>http://www.weather.gov/alerts-beta/fl.atom</id>
<logo>http://weather.gov/images/xml_logo.gif</logo>
<generator>NWS CAP Server</generator>
<updated>2011-01-25T15:37:00-05:00</updated>
<author>
<name>w-nws.webmaster@noaa.gov</name>
</author>
<title>Current Watches, Warnings and Advisories for Florida Issued by the
National Weather Service</title>
<link href='http://www.weather.gov/alerts-beta/fl.atom' />
<entry>
```

<id>http://www.weather.gov/alerts-beta/wwacapget.php?x=FL20110125203700SevereThunderstormWarning20110125213000FL.TBWSVRTBW.f809e7f8ffe0c3658e925873d720fe9c</id>
 <updated>2011-01-25T15:37:00-05:00</updated>
 <published>2011-01-25T15:37:00-05:00</published>
 <author>
 <name>w-nws.webmaster@noaa.gov</name>
 </author>
 <title>Severe Thunderstorm Warning issued January 25 at 3:37PM EST expiring January 25 at 4:30PM EST by NWS Tampa Bay
 http://www.srh.noaa.gov/tbw/</title>
 <link href="http://www.weather.gov/alerts-beta/wwacapget.php?x=FL20110125203700SevereThunderstormWarning20110125213000FL.TBWSVRTBW.f809e7f8ffe0c3658e925873d720fe9c"/>
 <summary>THE NATIONAL WEATHER SERVICE IN RUSKIN HAS ISSUED A * SEVERE THUNDERSTORM WARNING FOR... CITRUS COUNTY IN FLORIDA. HERNANDO COUNTY IN FLORIDA. PASCO COUNTY IN FLORIDA. * UNTIL 430 PM EST</summary>
 <cap:effective>2011-01-25T15:37:00-05:00</cap:effective>
 <cap:expires>2011-01-25T16:30:00-05:00</cap:expires>
 <cap:status>Actual</cap:status>
 <cap:msgType>Alert</cap:msgType>
 <cap:category>Met</cap:category>
 <cap:urgency>Immediate</cap:urgency>
 <cap:severity>Severe</cap:severity>
 <cap:certainity>Observed</cap:certainity>
 <cap:areaDesc>Citrus; Hernando; Pasco</cap:areaDesc>
 <cap:geocode>
 <valueName>FIPS6</valueName>
 <value>012017 012053 012101</value>
 </cap:geocode>
 <cap:parameter>
 <valueName>VTEC</valueName>
 <value>/O.NEW.KTBW.SV.W.0003.110125T2037Z-110125T2130Z/</value>
 </cap:parameter>
 </entry>
 <entry>
 <id>http://www.weather.gov/alerts-beta/wwacapget.php?x=FL20110125202400SpecialWeatherStatement20110125210000FL.JAXSPSJAX.1b68a7a6bd421484ff7cccb9d07faff0</id>
 <updated>2011-01-25T15:24:00-05:00</updated>
 <published>2011-01-25T15:24:00-05:00</published>
 <author>
 <name>w-nws.webmaster@noaa.gov</name>
 </author>
 <title>Special Weather Statement issued January 25 at 3:24PM EST expiring January 25 at 4:00PM EST by NWS Jacksonville
 http://www.srh.noaa.gov/jax/</title>
 <link href="http://www.weather.gov/alerts-beta/wwacapget.php?x=FL20110125202400SpecialWeatherStatement20110125210000FL.JAXSPSJAX.1b68a7a6bd421484ff7cccb9d07faff0"/>
 <summary>...A SIGNIFICANT WEATHER ADVISORY HAS BEEN ISSUED FOR NORTHERN ALACHUA...BRADFORD...UNION...SOUTHERN BAKER AND EASTERN COLUMBIA COUNTIES FOR STRONG WINDS AND FUNNEL CLOUDS VALID UNTIL 400 PM EST... AT 324 PM EST NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED STRONG THUNDERSTORMS CENTERED ALONG A LINE EXTENDING FROM 4 MILES SOUTHWEST OF OLUSTEE TO 7 MILES SOUTH OF ALACHUA...MOVING NORTHEAST AT 40 MPH.</summary>
 <cap:effective>2011-01-25T15:24:00-05:00</cap:effective>

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<cap:expires>2011-01-25T16:00:00-05:00</cap:expires>
<cap:status>Actual</cap:status>
<cap:msgType>Alert</cap:msgType>
<cap:category>Met</cap:category>
<cap:urgency>Expected</cap:urgency>
<cap:severity>Minor</cap:severity>
<cap:certainty>Observed</cap:certainty>
<cap:areaDesc>Alachua; Baker; Bradford; Columbia; Union</cap:areaDesc>
<cap:geocode>
<valueName>FIPS6</valueName>
<value>012001 012003 012007 012023 012125</value>
</cap:geocode>
<cap:parameter>
<valueName>VTEC</valueName>
<value></value>
</cap:parameter>
</entry>
<entry>
<id>http://www.weather.gov/alerts-
beta/wwacapget.php?x=FL20110125195700SpecialWeatherStatement20110125210000FL.
TBWSPSTBW.ed5aeb788381f1cd896a26c6d8a153fc</id>
<updated>2011-01-25T14:57:00-05:00</updated>
<published>2011-01-25T14:57:00-05:00</published>
<author>
<name>w-nws.webmaster@noaa.gov</name>
</author>
<title>Special Weather Statement issued January 25 at 2:57PM EST expiring
January 25 at 4:00PM EST by NWS Tampa Bay
http://www.srh.noaa.gov/tbw/</title>
<link href="http://www.weather.gov/alerts-
beta/wwacapget.php?x=FL20110125195700SpecialWeatherStatement20110125210000FL.
TBWSPSTBW.ed5aeb788381f1cd896a26c6d8a153fc" />
<summary>...A SIGNIFICANT WEATHER ADVISORY HAS BEEN ISSUED FOR LEVY AND
CITRUS COUNTIES FOR A LINE OF STRONG THUNDERSTORMS WITH STRONG WIND GUSTS
VALID UNTIL 400 PM EST... AT 248 PM EST...NATIONAL WEATHER SERVICE DOPPLER
RADAR INDICATES A LINE OF STRONG THUNDERSTORMS LOCATED ALONG A LINE EXTENDING
FROM 13 MILES WEST OF CEDAR KEY TO 38 MILES SOUTHWEST OF CEDAR
KEY...MOVING</summary>
<cap:effective>2011-01-25T14:57:00-05:00</cap:effective>
<cap:expires>2011-01-25T16:00:00-05:00</cap:expires>
<cap:status>Actual</cap:status>
<cap:msgType>Alert</cap:msgType>
<cap:category>Met</cap:category>
<cap:urgency>Expected</cap:urgency>
<cap:severity>Minor</cap:severity>
<cap:certainty>Observed</cap:certainty>
<cap:areaDesc>Citrus; Levy</cap:areaDesc>
<cap:geocode>
<valueName>FIPS6</valueName>
<value>012017 012075</value>
</cap:geocode>
<cap:parameter>
<valueName>VTEC</valueName>
<value></value>
</cap:parameter>
</entry>
<entry>

```

```

<id>http://www.weather.gov/alerts-
beta/wwacapget.php?x=FL20110125190400TornadoWatch20110126020000FL.WNSWOU7.416
48a149cbec20bb7ab3d099bb81d99</id>
<updated>2011-01-25T13:04:00-06:00</updated>
<published>2011-01-25T13:04:00-06:00</published>
<author>
<name>w-nws.webmaster@noaa.gov</name>
</author>
<title>Tornado Watch issued January 25 at 1:04PM CST expiring January 25 at
8:00PM CST by NWS Storm Prediction Center http://www.spc.noaa.gov</title>
<link href="http://www.weather.gov/alerts-
beta/wwacapget.php?x=FL20110125190400TornadoWatch20110126020000FL.WNSWOU7.416
48a149cbec20bb7ab3d099bb81d99"/>
<summary>TORNADO WATCH 7 IS IN EFFECT UNTIL 900 PM EST FOR THE FOLLOWING
LOCATIONS FL . FLORIDA COUNTIES INCLUDED ARE ALACHUA BRADFORD BREVARD CITRUS
CLAY DESOTO</summary>
<cap:effective>2011-01-25T13:04:00-06:00</cap:effective>
<cap:expires>2011-01-25T20:00:00-06:00</cap:expires>
<cap:status>Actual</cap:status>
<cap:msgType>Alert</cap:msgType>
<cap:category>Met</cap:category>
<cap:urgency>Expected</cap:urgency>
<cap:severity>Severe</cap:severity>
<cap:certainity>Likely</cap:certainity>
<cap:areaDesc>Alachua; Bradford; Brevard; Citrus; Clay; DeSoto; Flagler;
Gilchrist; Hardee; Hernando; Highlands; Hillsborough; Indian River; Lake;
Levy; Manatee; Marion; Martin; Okeechobee; Orange; Osceola; Pasco; Pinellas;
Polk; Putnam; Sarasota; Seminole; St. Johns; St. Lucie; Sumter; Union;
Volusia</cap:areaDesc>
<cap:geocode>
<valueName>FIPS6</valueName>
<value>012001 012007 012009 012017 012019 012027 012035 012041 012049 012053
012055 012057 012061 012069 012075 012081 012083 012085 012093 012095 012097
012101 012103 012105 012107 012109 012111 012115 012117 012119 012125
012127</value>
</cap:geocode>
<cap:parameter>
<valueName>VTEC</valueName>
<value>/O.NEW.KWNS.TO.A.0007.110125T1910Z-110126T0200Z</value>
</cap:parameter>
</entry>
<entry>
<id>http://www.weather.gov/alerts-
beta/wwacapget.php?x=FL20110125143300LakeWindAdvisory20110125230000FL.TBWNPWT
BW.1b672c1531c38396ef9c2a086dd0a307</id>
<updated>2011-01-25T09:33:00-05:00</updated>
<published>2011-01-25T09:33:00-05:00</published>
<author>
<name>w-nws.webmaster@noaa.gov</name>
</author>
<title>Lake Wind Advisory issued January 25 at 9:33AM EST expiring January 25
at 6:00PM EST by NWS Tampa Bay http://www.srh.noaa.gov/tbw/</title>
<link href="http://www.weather.gov/alerts-
beta/wwacapget.php?x=FL20110125143300LakeWindAdvisory20110125230000FL.TBWNPWT
BW.1b672c1531c38396ef9c2a086dd0a307"/>
<summary>...STRONG AND GUSTY WINDS TO PRODUCE HAZARDOUS BOATING CONDITIONS ON
AREA LAKES THIS AFTERNOON... ...LAKE WIND ADVISORY IN EFFECT UNTIL 6 PM EST

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THIS EVENING... THE NATIONAL WEATHER SERVICE IN TAMPA BAY AREA - RUSKIN FL HAS ISSUED A LAKE WIND ADVISORY...WHICH IS IN EFFECT UNTIL 6 PM EST THIS EVENING.</summary>

<cap:effective>2011-01-25T09:33:00-05:00</cap:effective>
 <cap:expires>2011-01-25T18:00:00-05:00</cap:expires>
 <cap:status>Actual</cap:status>
 <cap:msgType>Alert</cap:msgType>
 <cap:category>Met</cap:category>
 <cap:urgency>Expected</cap:urgency>
 <cap:severity>Minor</cap:severity>
 <cap:certainty>Likely</cap:certainty>
 <cap:areaDesc>Charlotte; Citrus; De Soto; Hardee; Hernando; Highlands; Hillsborough; Lee; Levy; Manatee; Pasco; Pinellas; Polk; Sarasota; Sumter</cap:areaDesc>
 <cap:geocode>
 <valueName>FIPS6</valueName>
 <value>012015 012017 012027 012049 012053 012055 012057 012071 012075 012081 012101 012103 012105 012115 012119</value>
 </cap:geocode>
 <cap:parameter>
 <valueName>VTEC</valueName>
 <value>/O.NEW.KTBW.LW.Y.0001.110125T1500Z-110125T2300Z/</value>
 </cap:parameter>
 </entry>
 <entry>
 <id>http://www.weather.gov/alerts-beta/wwacapget.php?x=FL20110125131900CoastalFloodStatement20110126020000FL.MFLCFWMFL.1cfe4c53ac8e2a04f2cc2b1d8150b6a5</id>
 <updated>2011-01-25T08:19:00-05:00</updated>
 <published>2011-01-25T08:19:00-05:00</published>
 <author>
 <name>w-nws.webmaster@noaa.gov</name>
 </author>
 <title>Coastal Flood Statement issued January 25 at 8:19AM EST expiring January 25 at 9:00PM EST by NWS Miami
<http://www.srh.noaa.gov/mfl/newpage/index.html></title>
 <link href="<http://www.weather.gov/alerts-beta/wwacapget.php?x=FL20110125131900CoastalFloodStatement20110126020000FL.MFLCFWMFL.1cfe4c53ac8e2a04f2cc2b1d8150b6a5>" />
 <summary>...HIGH RISK OF DANGEROUS RIP CURRENTS ALONG THE ATLANTIC BEACHES THROUGH THIS EVENING... STRONG EAST TO SOUTHEAST WINDS...SUSTAINED AROUND 20 MPH...WITH SOME HIGHER GUSTS WILL RESULT IN A HIGH RISK OF DANGEROUS RIP CURRENTS ALONG THE ATLANTIC BEACHES OF PALM BEACH, BROWARD, AND MIAMI DADE COUNTIES THROUGH THIS EVENING.</summary>
 <cap:effective>2011-01-25T08:19:00-05:00</cap:effective>
 <cap:expires>2011-01-25T21:00:00-05:00</cap:expires>
 <cap:status>Actual</cap:status>
 <cap:msgType>Alert</cap:msgType>
 <cap:category>Met</cap:category>
 <cap:urgency>Unknown</cap:urgency>
 <cap:severity>Unknown</cap:severity>
 <cap:certainty>Unknown</cap:certainty>
 <cap:areaDesc>Coastal Broward County; Coastal Miami Dade County; Coastal Palm Beach County</cap:areaDesc>
 <cap:geocode>
 <valueName>FIPS6</valueName>
 <value>012011 012086 012099</value>

```

</cap:geocode>
<cap:parameter>
<valueName>VTEC</valueName>
<value>/O.CON.KMFL.CF.S.0001.000000T0000Z-110126T0200Z/</value>
</cap:parameter>
</entry>
<entry>
<id>http://www.weather.gov/alerts-
beta/wwacapget.php?x=FL20110125093400HighSurfAdvisory20110126210000FL.TBWCFTW
BW.04b9e4416f89d4a6db246c3fbca7a93f</id>
<updated>2011-01-25T04:34:00-05:00</updated>
<published>2011-01-25T04:34:00-05:00</published>
<author>
<name>w-nws.webmaster@noaa.gov</name>
</author>
<title>High Surf Advisory issued January 25 at 4:34AM EST expiring January 26
at 4:00PM EST by NWS Tampa Bay http://www.srh.noaa.gov/tbw/</title>
<link href="http://www.weather.gov/alerts-
beta/wwacapget.php?x=FL20110125093400HighSurfAdvisory20110126210000FL.TBWCFTW
BW.04b9e4416f89d4a6db246c3fbca7a93f" />
<summary>...HIGH SURF ADVISORY IN EFFECT THIS AFTERNOON... ..HIGH RISK OF
RIP CURRENTS THIS AFTERNOON... .A LOW PRESSURE CENTER WITH A COLD FRONT
TRAILING TO THE SOUTH MOVES ALONG THE GULF COAST TODAY AND ACROSS NORTH
FLORIDA OVERNIGHT. THE LOW SLIDES OUT OVER ATLANTIC WATERS WEDNESDAY AS THE
COLD FRONT SWEEPS OUT OF THE STATE.</summary>
<cap:effective>2011-01-25T04:34:00-05:00</cap:effective>
<cap:expires>2011-01-26T16:00:00-05:00</cap:expires>
<cap:status>Actual</cap:status>
<cap:msgType>Alert</cap:msgType>
<cap:category>Met</cap:category>
<cap:urgency>Expected</cap:urgency>
<cap:severity>Minor</cap:severity>
<cap:certainty>Likely</cap:certainty>
<cap:areaDesc>Charlotte; Hillsborough; Lee; Manatee; Pinellas;
Sarasota</cap:areaDesc>
<cap:geocode>
<valueName>FIPS6</valueName>
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beta/wwacapget.php?x=FL20110125090300LakeWindAdvisory20110125230000FL.MLBNPWW
LB.42cd29b4774f190f8272ed62c9d6deb4</id>
<updated>2011-01-25T04:03:00-05:00</updated>
<published>2011-01-25T04:03:00-05:00</published>
<author>
<name>w-nws.webmaster@noaa.gov</name>
</author>
<title>Lake Wind Advisory issued January 25 at 4:03AM EST expiring January 25
at 6:00PM EST by NWS Melbourne http://www.srh.noaa.gov/mlb/</title>

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<link href="<http://www.weather.gov/alerts-beta/wwacapget.php?x=FL20110125090300LakeWindAdvisory20110125230000FL.MLBNPWL.B.42cd29b4774f190f8272ed62c9d6deb4>" />

<summary>...LAKE WIND ADVISORY IN EFFECT FROM 9 AM THIS MORNING TO 6 PM EST THIS EVENING... THE NATIONAL WEATHER SERVICE IN MELBOURNE HAS ISSUED A LAKE WIND ADVISORY...WHICH IS IN EFFECT FROM 9 AM THIS MORNING TO 6 PM EST THIS EVENING. LOW PRESSURE ALONG THE GULF COAST WILL ADVANCE TOWARD THE AREA</summary>

<cap:effective>2011-01-25T04:03:00-05:00</cap:effective>

<cap:expires>2011-01-25T18:00:00-05:00</cap:expires>

<cap:status>Actual</cap:status>

<cap:msgType>Alert</cap:msgType>

<cap:category>Met</cap:category>

<cap:urgency>Expected</cap:urgency>

<cap:severity>Minor</cap:severity>

<cap:certainty>Likely</cap:certainty>

<cap:areaDesc>Coastal Volusia County; Indian River; Inland Volusia County; Martin; Northern Brevard County; Northern Lake County; Okeechobee; Orange; Osceola; Seminole; Southern Brevard County; Southern Lake County; St. Lucie</cap:areaDesc>

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<updated>2011-01-25T03:14:00-05:00</updated>

<published>2011-01-25T03:14:00-05:00</published>

<author>

<name>w-nws.webmaster@noaa.gov</name>

</author>

<title>Rip Current Statement issued January 25 at 3:14AM EST expiring January 26 at 7:00PM EST by NWS Tallahassee <http://www.srh.noaa.gov/tlh/></title>

<link href="<http://www.weather.gov/alerts-beta/wwacapget.php?x=FL20110125081400RipCurrentStatement20110127000000FL.TAECFWTAE.2ff29a364a871c648f11b5ef17f101a9>" />

<summary>...HIGH RIP CURRENT RISK IN EFFECT FROM 7 AM EST /6 AM CST/ THIS MORNING UNTIL WEDNESDAY EVENING ALONG THE BEACHES OF WALTON... BAY...GULF...AND FRANKLIN COUNTIES... .AN INTENSIFYING LOW PRESSURE SYSTEM WILL MOVE NORTHEAST ACROSS THE FLORIDA PANHANDLE...BRINGING AN INCREASE IN WINDS AND SURF THAT FAVOR A HIGH RIP CURRENT RISK THROUGH THE DAY ON WEDNESDAY.</summary>

<cap:effective>2011-01-25T03:14:00-05:00</cap:effective>

<cap:expires>2011-01-26T19:00:00-05:00</cap:expires>

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<cap:severity></cap:severity>

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Walton</cap:areaDesc>
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Note: The atom feed uses an XML style sheet to make the information human readable when viewed in a web browser. Implementers should view source to see the actual atom document.