WARNGEN:

TIPS AND TRICKS
TOPICS

• Warngen GUI Review
• AWW notes
• Line of Storms
• Polygon bugs
• Port Aransas Warnings
• Text Output Notes
• Follow-Up Statements
- **Backup Operations**
- **Track Type**
- **Edit**
- **Track Button**
- **Warned/Hatched Area Button**
- **Preset Threat Area Button**
- **Restart Button**
• Backup for warning operations is completely independent of GFE.

• Just change the office in the backup box in the gui.

• After a brief pause, WarnGen GUI will then have configuration for the backup office.
- Backup Selection
- Track Type
- Edit
- Track Button
- Warned/Hatched Area Button
- Preset Threat Area Button
- Restart Button
• **Track Type**
  - Options for Warning on a single storm or a line of storms
  - More on this later

• **Edit**
  - Leave on “Box and Track”
  - If Track is selected you would be unable to adjust the box vertices.
- Backup Selection
- Track Type
- Edit
- **Track Button**
- Warned/Hatched Area Button
- Preset Threat Area Button
- Restart Button
• **Track**

  • Redraws polygon based on Time selections and storm speed.

  • Important to do this after making changes to any of these.

  • Default polygon box is sized to be the proper length for the duration and storm movement you determine.
• Backup Selection
• Track Type
• Edit
• Track Button
• Warned/Hatched Area Button
• Preset Threat Area Button
• Restart Button
• **Warned/Hatched Area:**
  - Shows exact area that will be warned after clipping is applied.
• **Clipping Definitions**

  • Zone or County Based Products:
    • Inclusion criteria is 2% or 15 square miles.
    
    ➢ Most of the time this will be the 15 mile criteria. Especially for large counties.

  • Overlap to water: 5 miles

  • Marine Products:
    • Inclusion criteria is 2%.
    • Overlap to Land: 5 miles
- Backup Selection
- Track Type
- Edit
- Track Button
- Warned/Hatched Area Button
- Preset Threat Area Button
- Restart Button
- **Preset Threat Area**
  - For AWWs – More to come on this.

- **Restart**
  - Use to reset to a “move to storm” pointer.
AWW

- Corpus Christi International Airport will be selected by default.
- Click Preset Threat Area Button
- Cloud to Ground Lightning is defaulted on, but change this to what current hazard is.
USING LINE OF STORMS TOOL
Adjust timing with LINE, not Vertex Points
BAD CLIPPING ON MARINE POLYGONS
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- We don’t know why
- Raytheon has been able to reproduce it, but not fix it.
- Seems most associated with Baffin Bay and Matagorda Bay
- Most effective workaround is to not make one large polygon covering entire coastline.
- Also be sure to use the Warned/Hatched area button to see how the polygon will look before creating text.
PORT ARANSAS WARNING ISSUES

- Minimum area to include
- Use Warned/Hatched area to verify before creating text
- Extend farther south if necessary.
POST EDITING

- Do NOT post edit motion information.
  - This must match the TIME...MOT...LOC tag at the bottom of the product.
- Do NOT post edit the hail size/wind speed.
  - Also must match bottom of product.

If they need to be corrected, cancel and fix it in warngen.
RIGHT CLICK TO SELECT WARNING

- Right Clicking within a polygon will “prime” that warning for a followup.
- Must have correct type selected.
  - SVR/Tor Warning will allow COR
  - SVS will allow CON/CAN/EXP
- Also works with FF products.
TIMING LIMITATIONS

- **COR**
  - Within 10 mins of issue.

- **CON**
  - Not within 5 minutes of exp time

- **CAN**
  - Not within 10 minutes of exp time

- **EXP**
  - Within 10 mins of exp time