Review of the 2013 Central Pacific Tropical Cyclone Season and Preliminary Verification

Tom Evans, Deputy Director
Central Pacific Hurricane Center
The Stats

- Six tropical cyclones developed or entered
  - One hurricane
  - Four tropical storms
  - One tropical depression
- Above the normal of 4 to 5 for the basin
- One impacted land – TS Flossie
- Three entered the basin from the east
- Three developed in the basin
Central Pacific 2013 Hurricane Season

North Central Pacific Tropical Cyclone Tracks
January 1 - October 31, 2013
Six Tracks

- Tropical Depression <34kt
- Tropical Storm 34-63kt
- Hurricane >64kt
Flossie

Gil

Henriette

July 27-30

August 6-7

August 9-11
Pewa

Unala

Tropical Depression C-3
August 19–20

Tropical Storm Unala
August 19

Tropical Storm Pewa
August 16–18
TS Flossie

• First TC of the 2013 season
• First direct impact on the Hawaiian Islands since Iniki
• Peaked July 27
  – maximum sustained winds of 60 kt
  – minimum central pressure of 994 hPa
• Moved westward just north and offshore of the main Hawaiian Islands causing minor damage
  – mainly across Maui and Hawaii Counties
  • one man struck by lightning
  • 10,000 homes without power
  • Minor damage to structures
Central Pacific Track Errors in Nautical Miles

Goal is less than 81 NM at 48 hours

Number of TCs

11 1 2 9 3 3 4 4 5 2 3 3 5 2 1 7 1 1 1 6

Central Pacific Intensity Errors in Knots

Number of TCs:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TCs</td>
<td>3</td>
<td>1</td>
<td>2</td>
<td>9</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>5</td>
<td>2</td>
<td>1</td>
<td>7</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>6</td>
</tr>
</tbody>
</table>

Goal is less than 14 knots at 48 hours