NWS Portland Frost/Freeze Program Status Update

Presenter: Tyler Kranz, NWS Portland
Date: Jan. 10, 2023
NWS Portland
Frost/Freeze Program
(for northwest Oregon and southwest Washington)

- **Frost Advisories** will be issued for widespread temperatures around 33 to 36 degrees.
- **Freeze Warnings** will be issued for widespread temperatures around 29 to 32 degrees.
- **Freeze Watches** will be issued around 2 to 3 days in advance of a potential freeze event to alert people who may need more time to prepare.
- **Hard Freeze Warnings** will be issued for widespread temperatures around 28 degrees or colder.
- **Hard Freeze Watches** will be issued around 2 to 3 days in advance of a potential hard freeze event to alert people who may need more time to prepare.
- The headlines described above will only be issued if the frost and/or freeze event occurs between April 1st and October 31st. These headlines will not be issued for the high Cascades.
Hot Summer into early Autumn 2022

High pressure maintained unusually dry and warm conditions across the region. For many sites, each month was in the top 10 warmest for that month (see table below). Interestingly, it was overnight lows that contributed most to boosting these warm months.

<table>
<thead>
<tr>
<th>City</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>Period of Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland</td>
<td>4th</td>
<td>1st</td>
<td>1st</td>
<td>1st</td>
<td>since 1940</td>
</tr>
<tr>
<td>Salem</td>
<td>3rd</td>
<td>2nd</td>
<td>1st</td>
<td>3rd</td>
<td>Since 1892</td>
</tr>
<tr>
<td>Eugene</td>
<td>3rd</td>
<td>2nd</td>
<td>5th</td>
<td>2nd</td>
<td>since 1892</td>
</tr>
<tr>
<td>Astoria</td>
<td>13th</td>
<td>4th</td>
<td>14th</td>
<td>18th</td>
<td>since 1850</td>
</tr>
</tbody>
</table>
Changes still to come…

Current Public Zones

Preliminary Future Public Zones (Sept. 2023)
Staying Informed

- Visit weather.gov/portland and left-click anywhere on the map to see all NWS Watches, Warnings, and Advisories that are in effect for that location. This includes Frost/Freeze headlines.

- Call us at (503) 261-9246 if you have questions pertaining to the weather forecast.
Staying Informed

- Consider signing up for text message and/or email alerts.
  - Alerts sent directly to your cell phone when we issue headlines you are interested in.
  - Sign up for alerts at inws.ncep.noaa.gov
Ways to Provide Feedback

Call us at (503) 261-9246

Email us at nws.portland@noaa.gov

Tag us on Twitter @NWSPortland

Whether your feedback is positive or negative, please let us know! Your feedback is necessary for us to continually improve our products and services.