



# State of Maryland Weather Hazards

2:00 PM ET

Sunday, January 2, 2022

*Disclaimer: Information may become outdated after briefing time.  
Always consult **weather.gov** for the latest.*





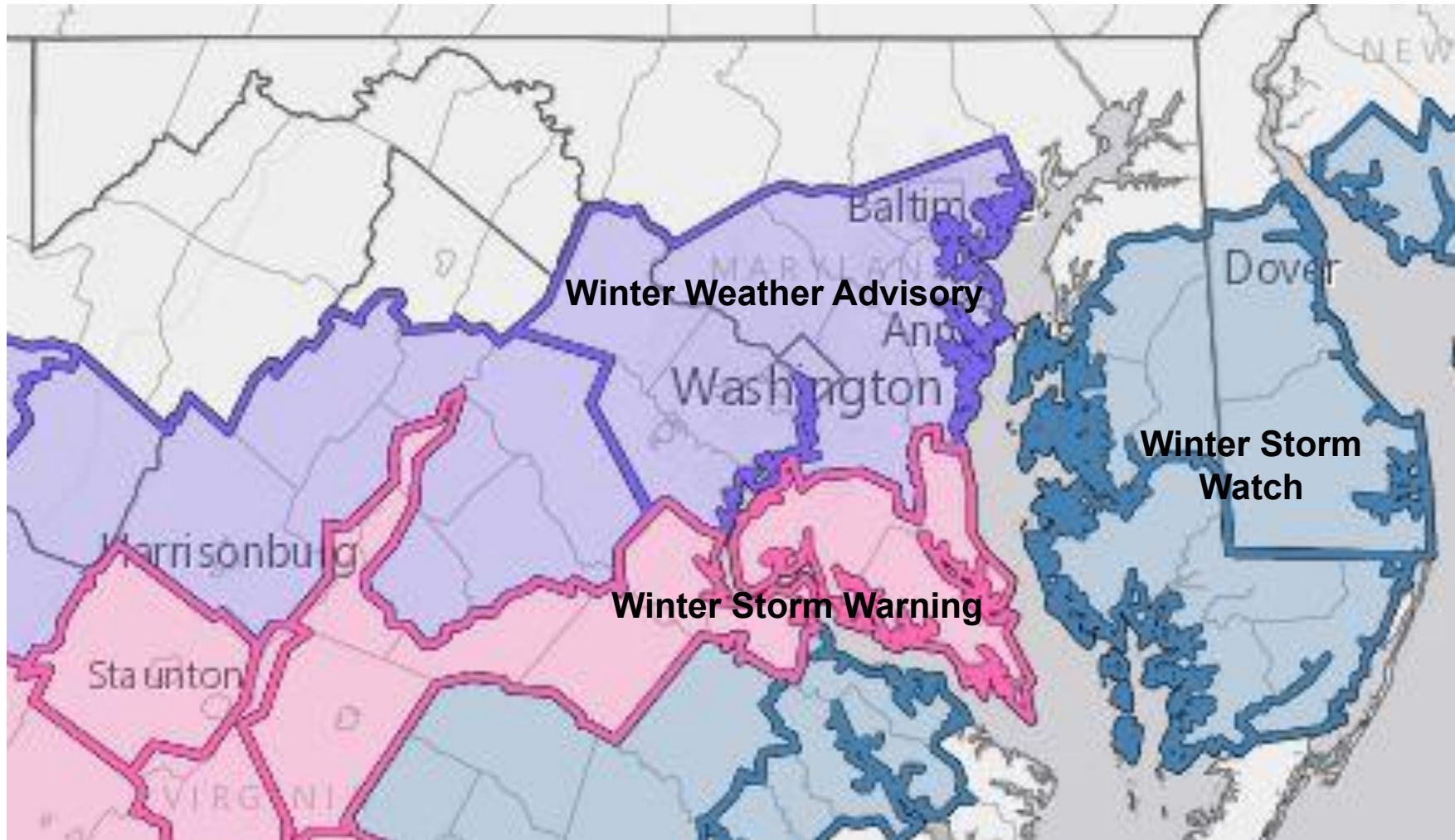
- **Tonight into Tomorrow morning**
  - Snow accumulations
    - Greatest threat southern MD and central/south Eastern Shore.
    - Lesser threat northern & western MD
    - Tight gradient between heavier snow/higher amounts, and lower amounts.
      - I-95 & Baltimore/Washington corridor resides in this area of highest uncertainty.
- **Monday night/Tuesday morning**
  - Refreeze expected
- **Tonight into Tomorrow**
  - Gales on the waters

# Tonight into Tomorrow

Warnings and Watches Across Maryland



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- **Precipitation onset**

- May start as a brief period of rain
- Should quickly go over to snow, with the exception of the southern Eastern Shore, where there will likely be a more prolonged period of rain before switching over to snow

- **Precipitation intensity**

- In areas with higher accumulations, snow will be heavy at times, especially between 4-10 A.M.
  - 1-3 inches per hour are possible

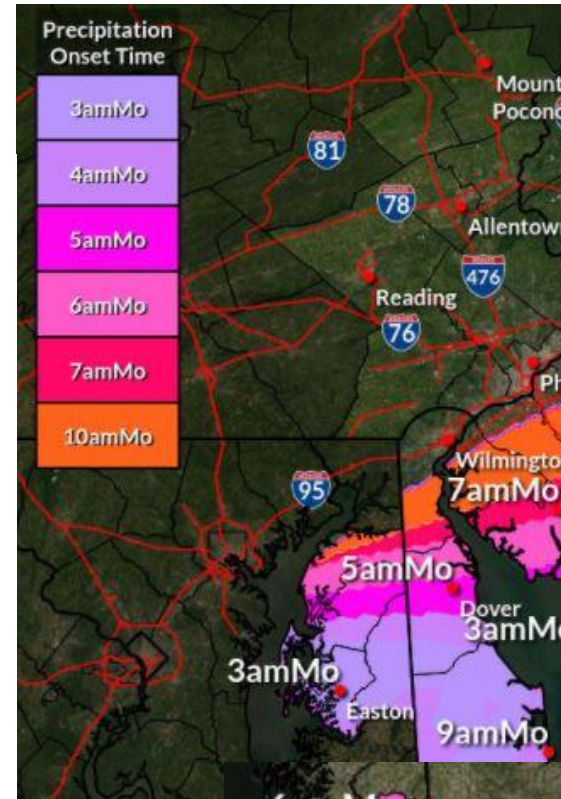
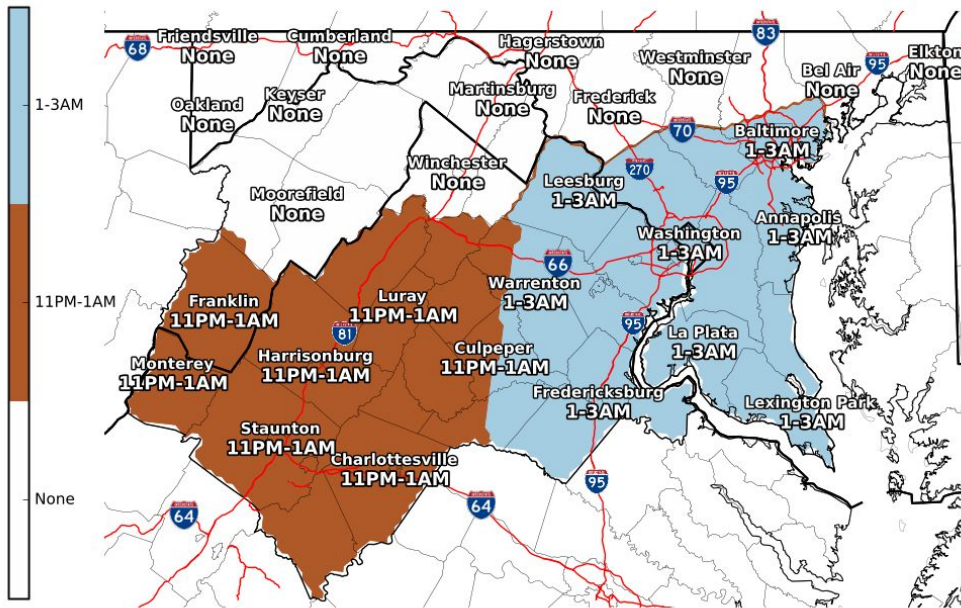
# Onset Times

In counties with Warnings or Advisories



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Winter Precipitation Onset Time



National Weather Service  
Baltimore/Washington  
01/02/2022 08:53 AM EST

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- **Sharp northern cutoff to the snow**
  - Could go from completely dry to several inches within a single county on the northern edge
  - Uncertainty exactly where this sharp northern cutoff will set up is the main forecast question at this point
  - This has major implications for snowfall totals from the I-95 Corridor and much of central MD. High uncertainty in snowfall amounts there.
  - Higher confidence in the heavy snow totals southern MD and part of Eastern Shore.

# Tonight into Tomorrow

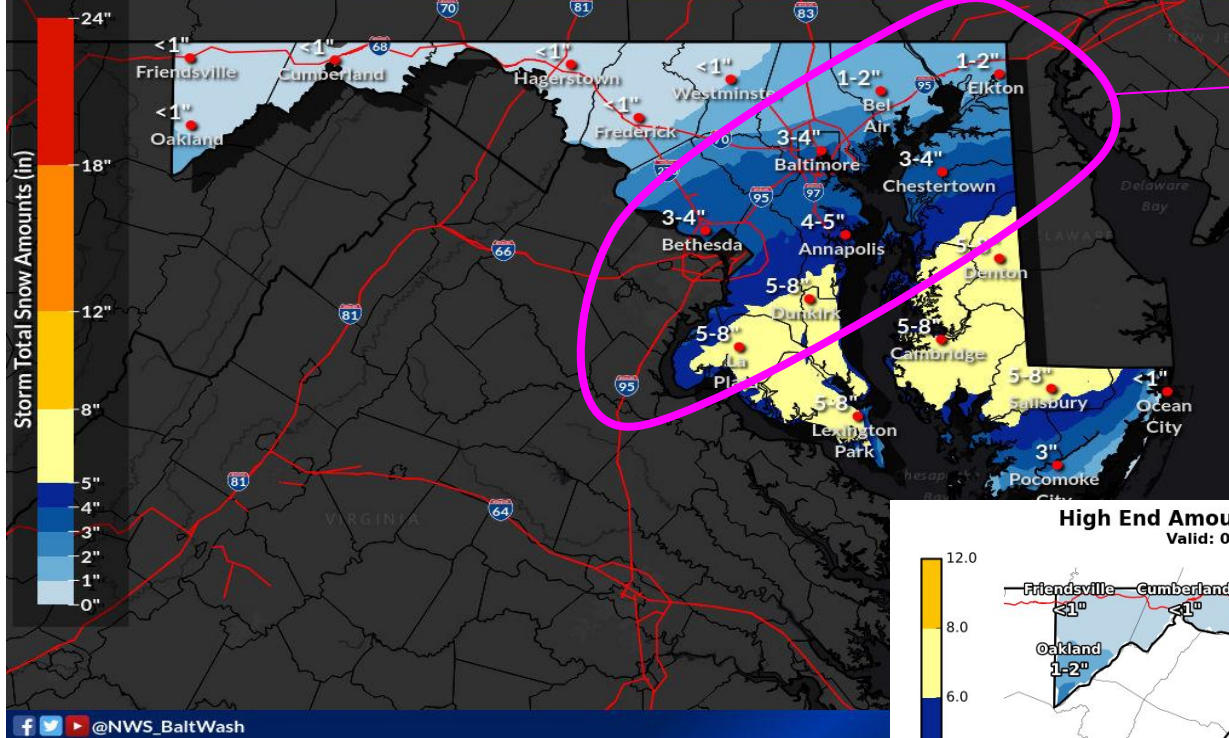


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Expected & Reasonable Worst Case Snowfall Amounts

## Expected Snowfall - Official NWS Forecast

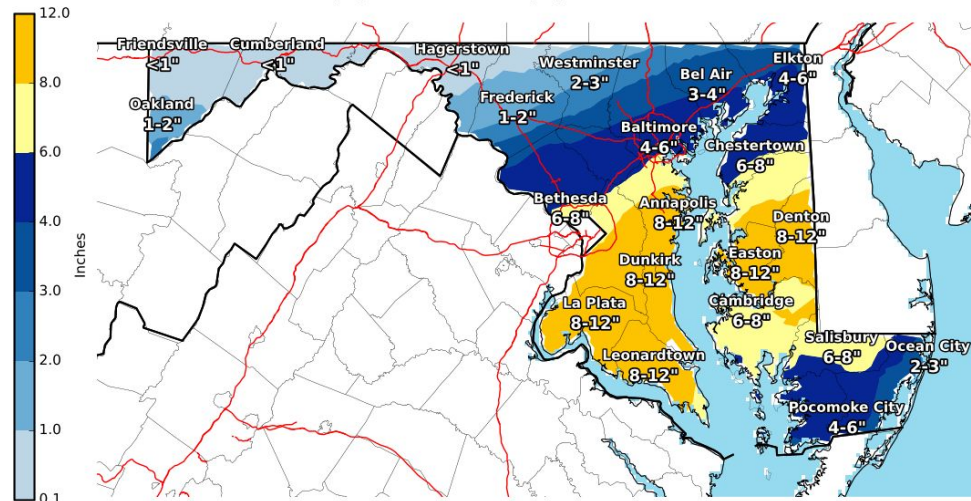
Weather Forecast Office  
Baltimore/Washington  
Valid 7 PM Sun Jan 02, 2022 through 7 PM Mon Jan 03, 2022 EST  
Issued Sun Jan 02, 2022 9:43 AM EST



Highest uncertainty

## High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

Valid: 01/02/2022 07:00 PM - 01/03/2022 07:00 PM EST



# Tomorrow through Tuesday night



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## Overview

- Snow will wind down from west to east late morning (central MD) to late afternoon (southern Eastern Shore)
- Temperatures will rise into the mid-upper 30s tomorrow afternoon, and some breaks of sun are possible
  - This will lead to some melting of the snow that fell
- Temperatures tomorrow night will drop into the teens and 20s, leading to refreeze
- Melt/refreeze possible again Tuesday/Tuesday night

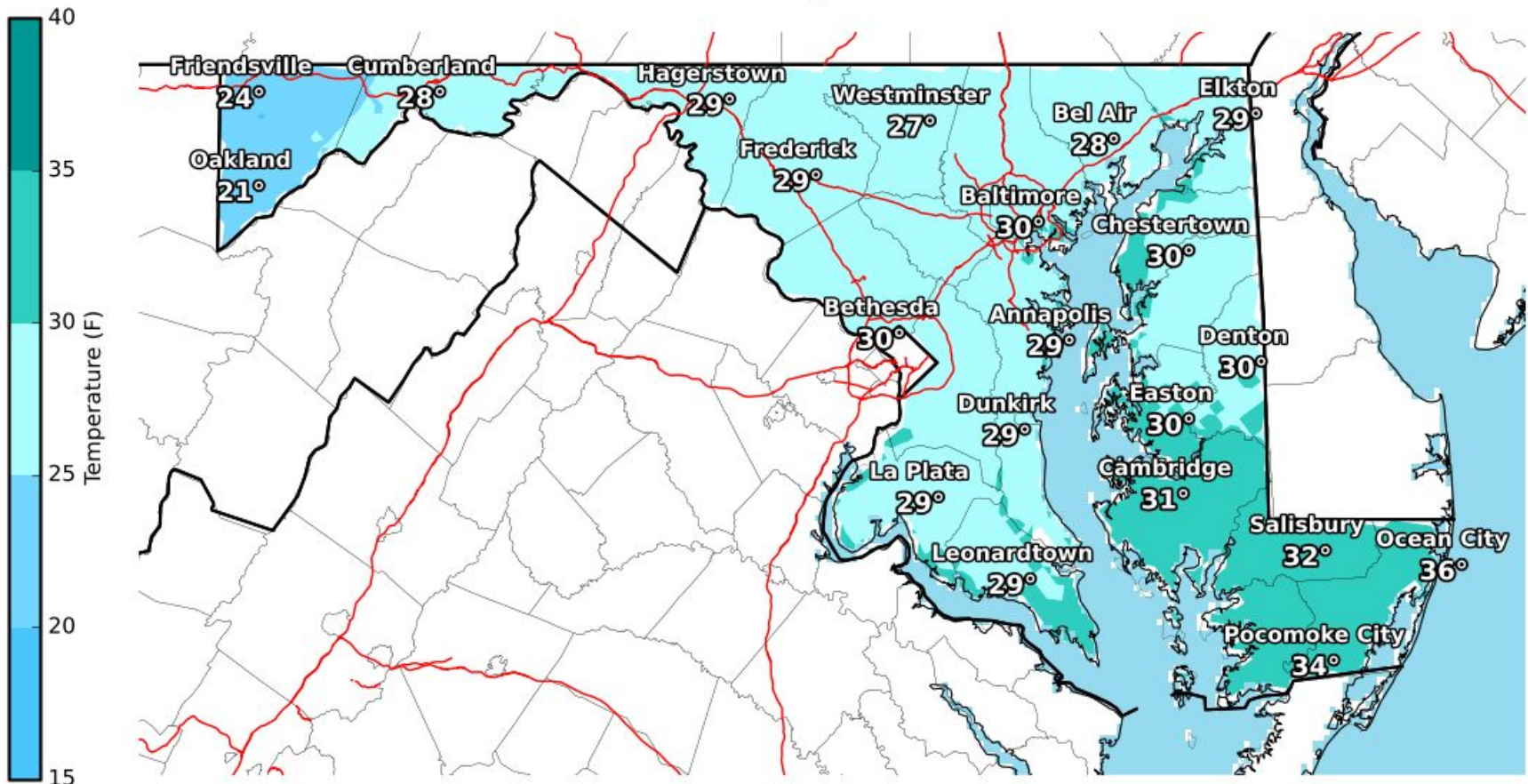
# Tonight

Forecast Low Temperatures



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## Forecast Low Temperatures Valid: Tonight



National Weather Service  
Baltimore/Washington  
01/02/2022 12:52 PM EST

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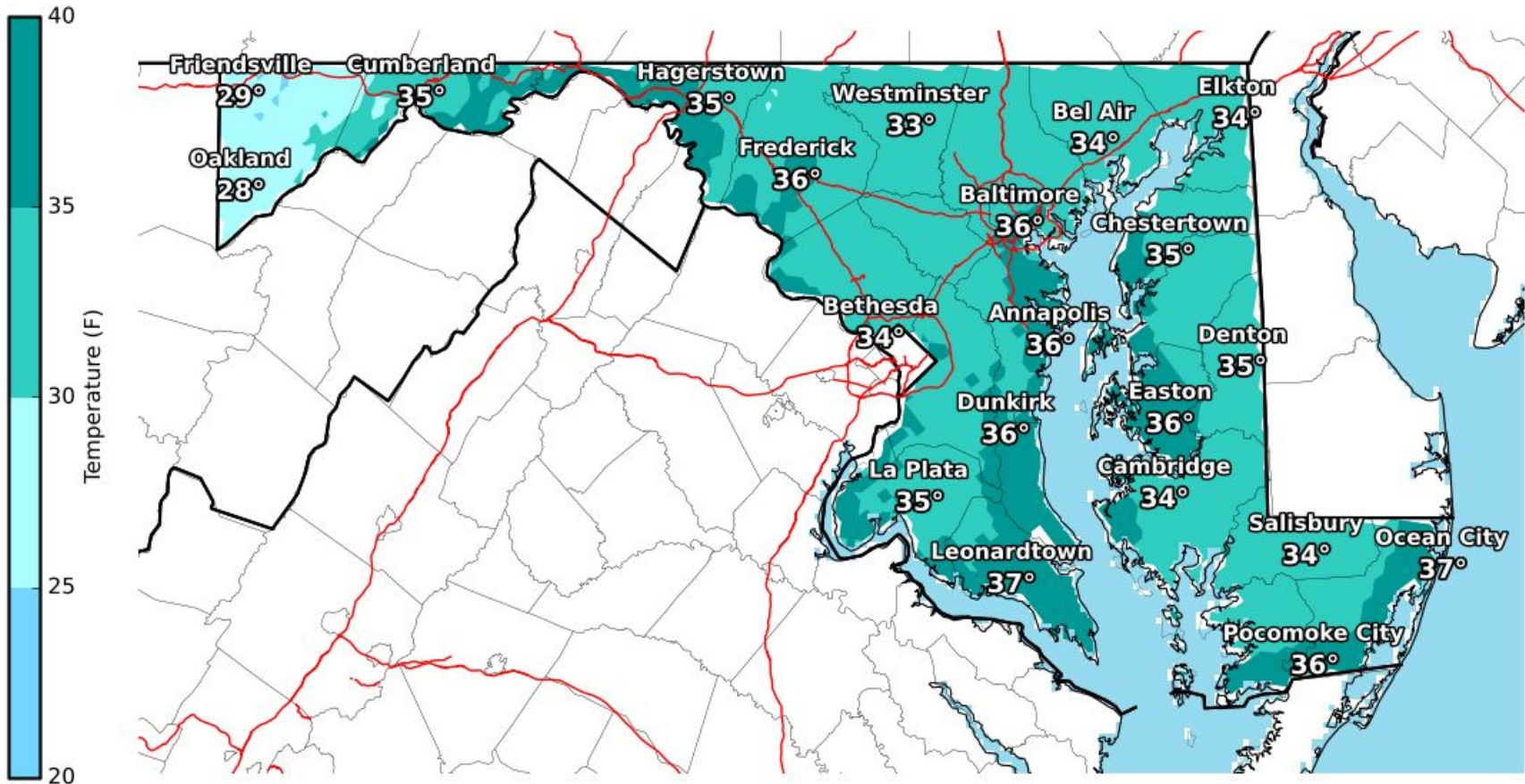
# Tomorrow

Forecast High Temperatures



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## Forecast High Temperatures Valid: Tomorrow



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Baltimore/Washington  
01/02/2022 12:55 PM EST

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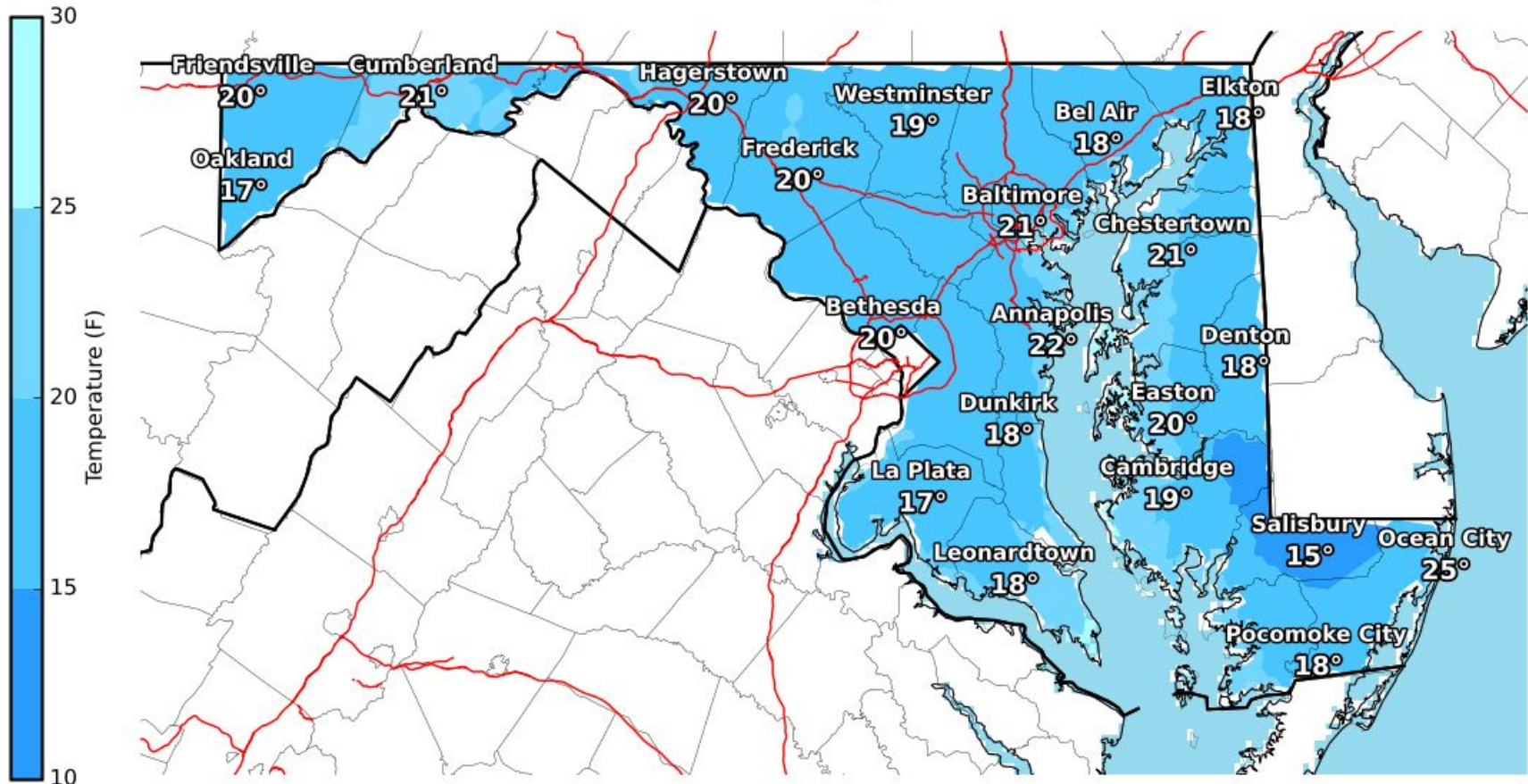
# Tomorrow Night

Forecast Low Temperatures



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## Forecast Low Temperatures Valid: Tomorrow Night



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Baltimore/Washington  
01/02/2022 12:58 PM EST

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- **Gusty Winds over Land**
  - 30-40 mph gusts could lead to blowing and drifting snow
- **Marine Winds**
  - Strong northwesterly winds over the waters.
  - Gusts up to 40 knots possible
  - Gale Warnings in effect Sandy Point southward on the Bay, Lower Tidal Potomac, and Atlantic Waters tonight into tomorrow

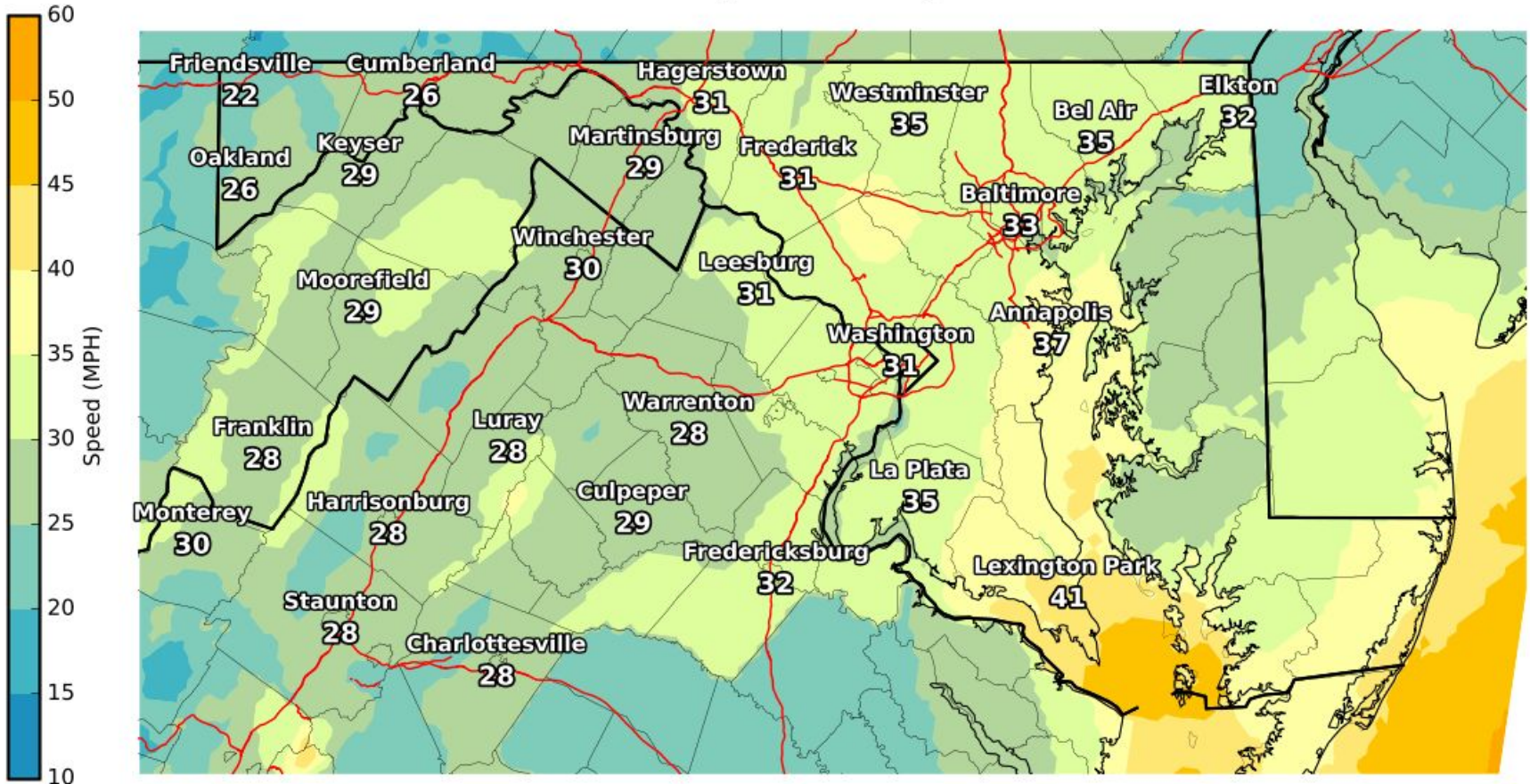
# Monday

## Maximum Wind Gusts



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### Peak Wind Gusts Valid: Tonight and Monday



National Weather Service  
Baltimore/Washington  
01/02/2022 01:29 PM EST

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