



Aprenda Sobre Nuestros Productos

***Servicio Nacional de Meteorología
Baltimore/Washington***

Sterling, VA



Sobre nosotros...

Servicio Nacional de Meteorología (SNM)

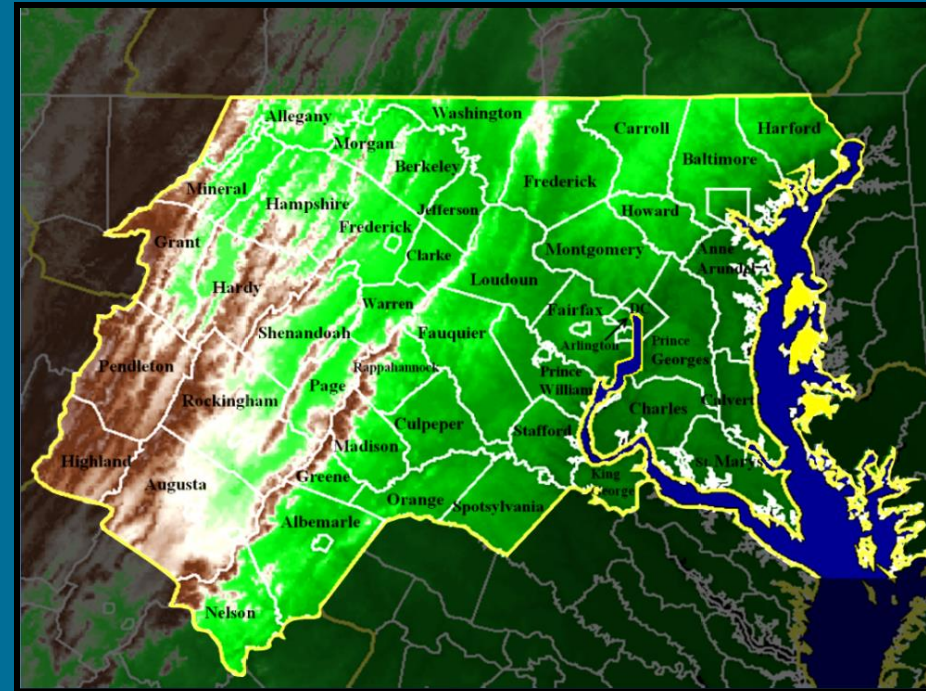
- *Proveer pronósticos y avisos de las condiciones del tiempo y agua para proteger vida y propiedad*
- *Nuestros datos y productos son utilizados por agencias del gobierno, el sector privado, el público y la comunidad global*



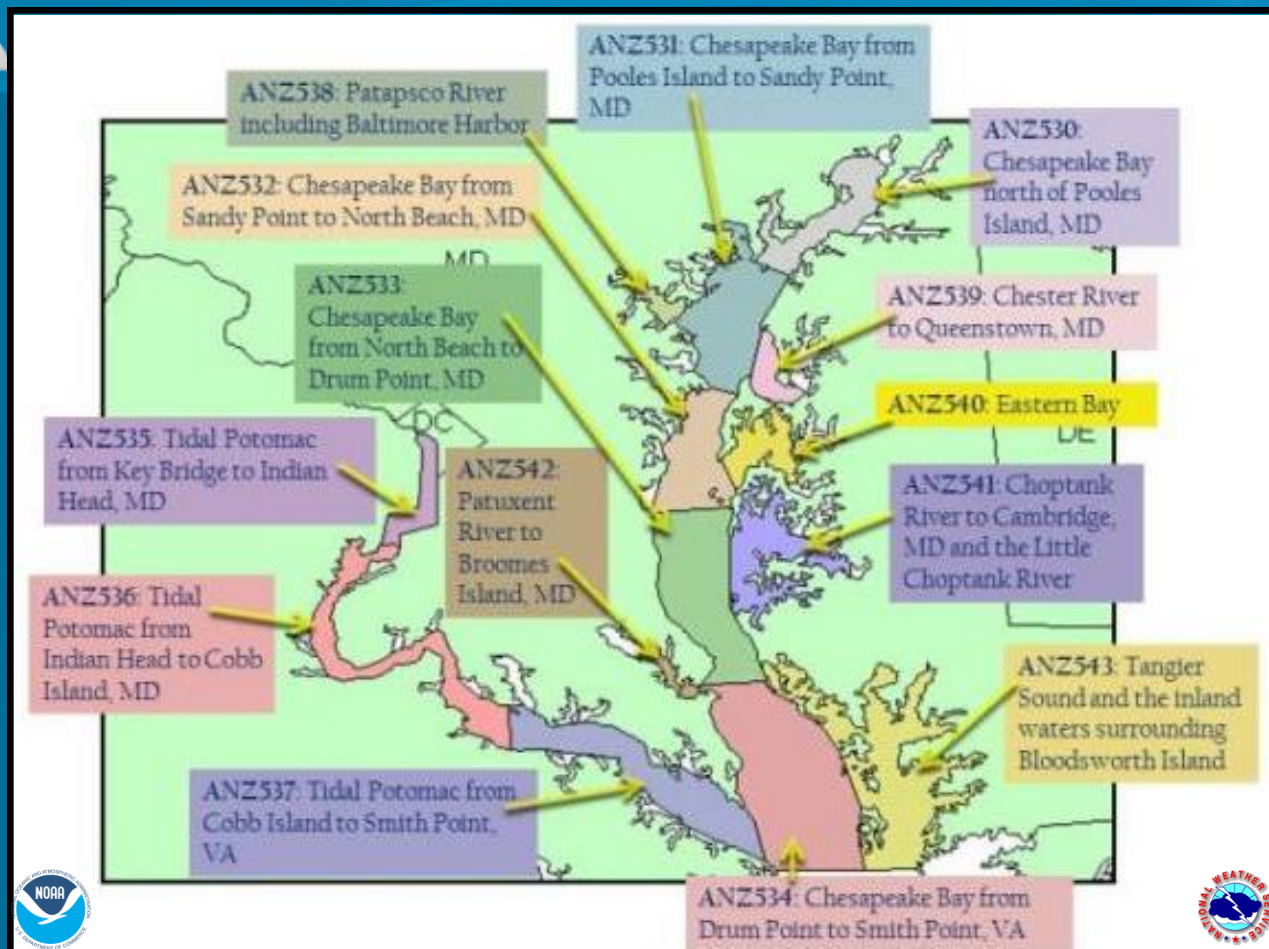
Nuestro personal

Área de Responsabilidad

- *13 condados en MD*
- *8 condados en WV*
- *22 condados en VA*
- **11 ciudades independiendtes**
- *Distrito de Columbia*



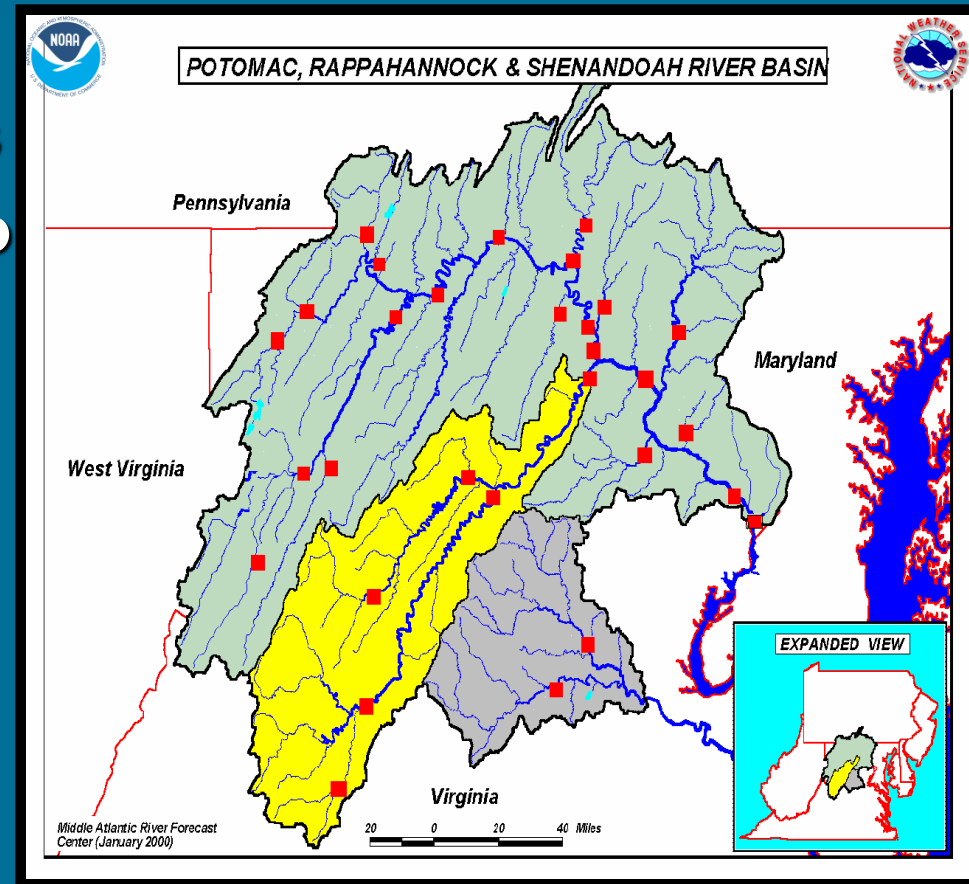
Área de Responsabilidad Marina



- *Parte norte de la Bahía de Chesapeake*
- *Río Potomac*

Área de Responsabilidad Hidrológica

- **Río Potomac**
 - 11,600 millas cuadradas
 - 22 puntos de pronóstico
- **Río Shenandoah**
 - 3,050 millas cuadradas
 - 6 puntos de pronóstico
- **Río Rappahannock**
 - 1,580 millas cuadradas
 - 2 puntos de pronóstico



Operaciones y Servicios

- ***Pronósticos***
 - Públicos
 - Marinos
 - Aviación
 - Temporada de Incendios
 - Ríos
 - Zonas costeras
- ***Colección de datos***
 - Clima
 - Observadores cooperadores
- ***Vigilancias/Avisos/Advertencias***
 - Convectivas
 - Tornados
 - Tormentas eléctricas
 - Sistemas Tropicales
 - Huracanes
 - Tormentas tropicales
 - No precipitable
 - Calor extremo
 - Vientos fuertes
 - Hidrológicas
 - Inundaciones repentinas
 - Inundaciones de ríos
 - Riachuelos y tributarios
 - Tormentas Invernales
 - Inundaciones costeras
 - Incendios forestales

Operaciones y Servicios

- **Vigilancias/Avisos**

- **Aviso (Warning)**

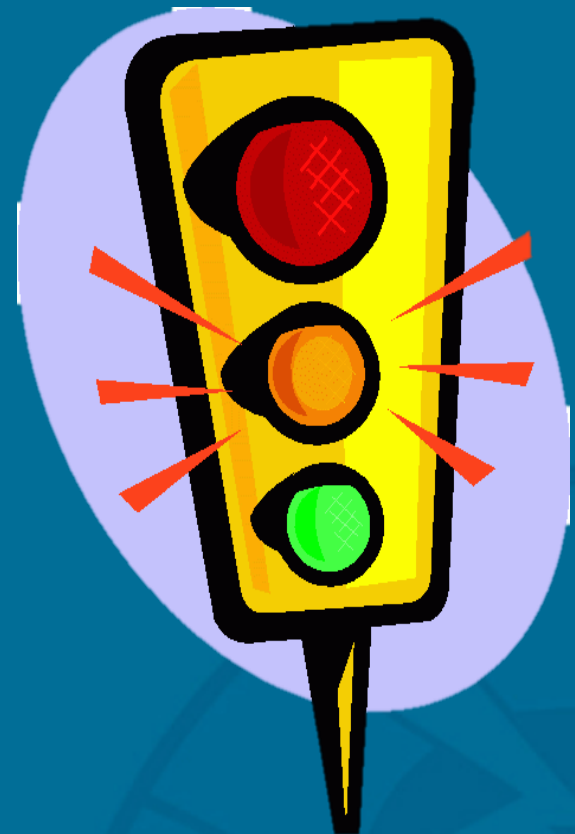
- *¡Tome acción!*
- *La amenaza es inminente o está ocurriendo en el área bajo aviso*

- **Vigilancia (Watch)**

- *“Vigile las condiciones del tiempo”*
- *Las condiciones son favorables para que se desarrollen amenazas de mal tiempo*
- *Manténgase al tanto de las condiciones*
- *Puede ser necesario que tenga que tomar acción pronto*

- **Cero amenazas a corto plazo**

- *Lea la Perspectiva de Tiempo Peligroso (Hazardous Weather Outlook)*



Amenazas del Tiempo

- ***Tormentas eléctricas severas***
 - **Vientos dañinos**
 - **Granizo**
- ***Tornados/ Trombas Marinas***
- ***Inundaciones/ Inundaciones Repentinias***
- ***Marejada/ Inundaciones costeras***

Amenazas del Tiempo

Photo By: Paul L. McCord, Jr

- *Huracanes/ Tormentas Tropicales*
- *Tiempo Invernal*
- *Amenazas de fuegos*
- *Neblina densa*
- *Vientos fuertes no asociados a tormentas*

¿Qué pasa una vez se emite un aviso?



SNM en Sterling, VA

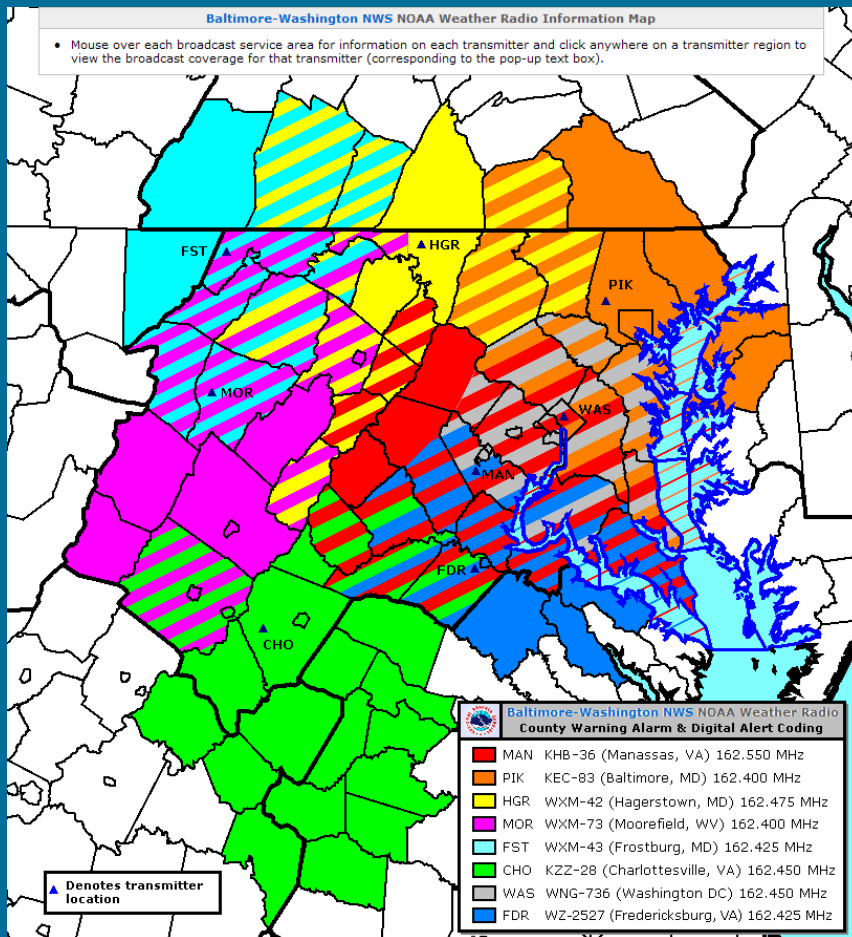
Asociados

NWS



PUBLICO

Radio del Tiempo de NOAA



- *Mejor manera de informarte sobre vigilancias y avisos*
- *Pueden comprarse en tiendas y catálogos*
- *Precios varían entre \$15 y \$75*



Alerta de Emergencia Inalámbrica

- *Mensajes de emergencia enviados por el gobierno alertando a través de su compañía móvil*
- *Avisos de:*
 - Tornados
 - inundaciones repentinas
 - Huracanes
 - Vientos fuertes



Estadísticas Locales de TORNADOS y Climatología

- ***Tornados 1950 – Presente***

- F0 – F1 – 82%
- F2 – 13%
- F3 – 3%
- F4 – < 0.05%
- F5 – 0%

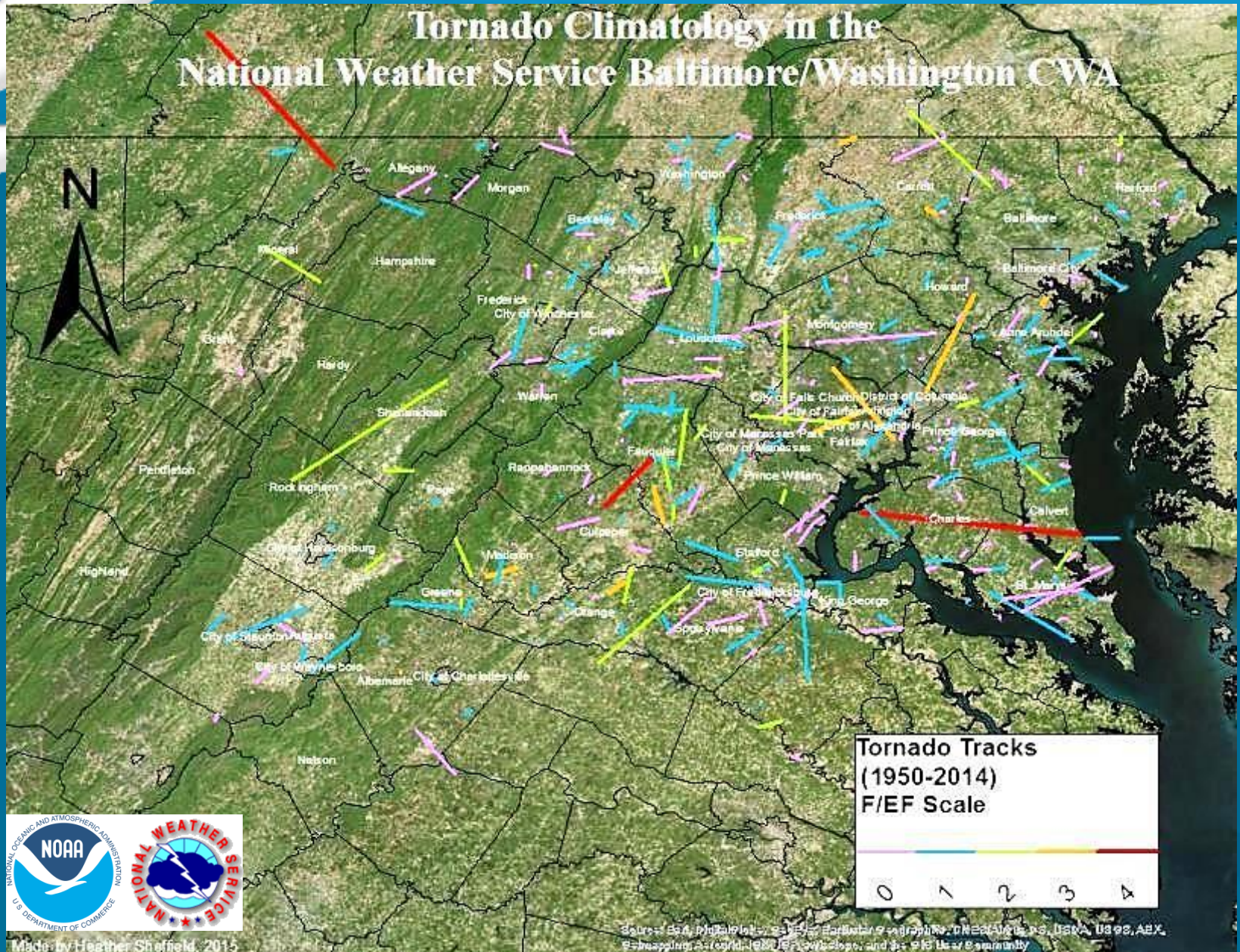
- ***Tornados en los últimos 60 años***

- 21 muertes
- 411 heridos

OPERATIONAL EF SCALE	
EF Number	3 Second Gust (mph)
0	65-85
1	86-110
2	111-135
3	136-165
4	166-200
5	Over 200



Tornado Climatology in the National Weather Service Baltimore/Washington CWA

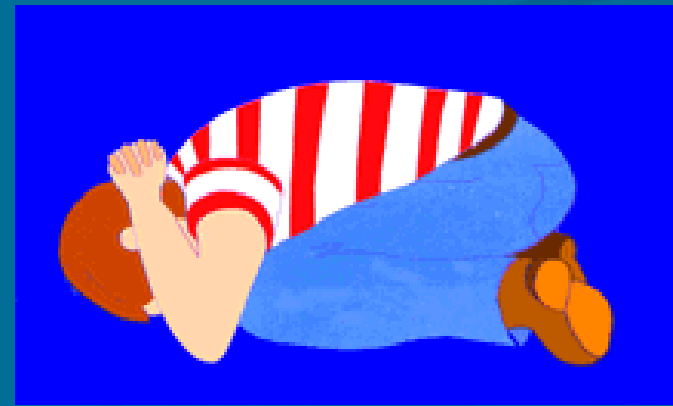


Made by Heather Sheffield, 2015

Source: S&M, MDA, FWS, E-Data, Baltimore Post-Dispatch, WDCRA, The Weather Channel, US92, ABX, Forecasting, Analysis, and the U.S. Government, and the FWS U.S. Government

Seguridad Durante Tornados

- ***Si se encuentra bajo aviso***
 - Busque refugio en un cuarto interior
 - Agáchese y cubra su cabeza
 - Manténgase alejado de ventanas
 - Si no tiene sótano, vaya al piso más bajo de la residencia o edificio
 - Un baño o un armario o un pasillo sin ventanas
 - Si es posible cúbrase con un colchón para protegerse de escombros
 - Si no está en una residencia o edificio, busque refugio inmediatamente



Seguridad Durante Relámpagos

- *Si puede ver o escuchar un relámpago, estás lo suficientemente cerca para ser golpeado por un rayo.*
- *¡Tome acción!*
- *¡Cuando Escuche el Trueno, Busque Refugio!*
- *Refugios seguros*
 - Un edificio cerrado con techo, paredes y piso
 - Un carro cerrado



Seguridad Durante Inundaciones

- **45% de las fatalidades en los últimos años**
- **Cruzando carreteras inundadas**
- **Si su vehículo deja de funcionar en aguas profundas, salga de él y busque un terreno más alto**
- **Nunca trate de cruzar una carretera inundada si no puede ver el pavimento**
- **Mucho cuidado en la noche, las inundaciones son más difíciles de reconocer**



Seguridad Durante Inundaciones

¡ Es mejor regresar que ahogarse!

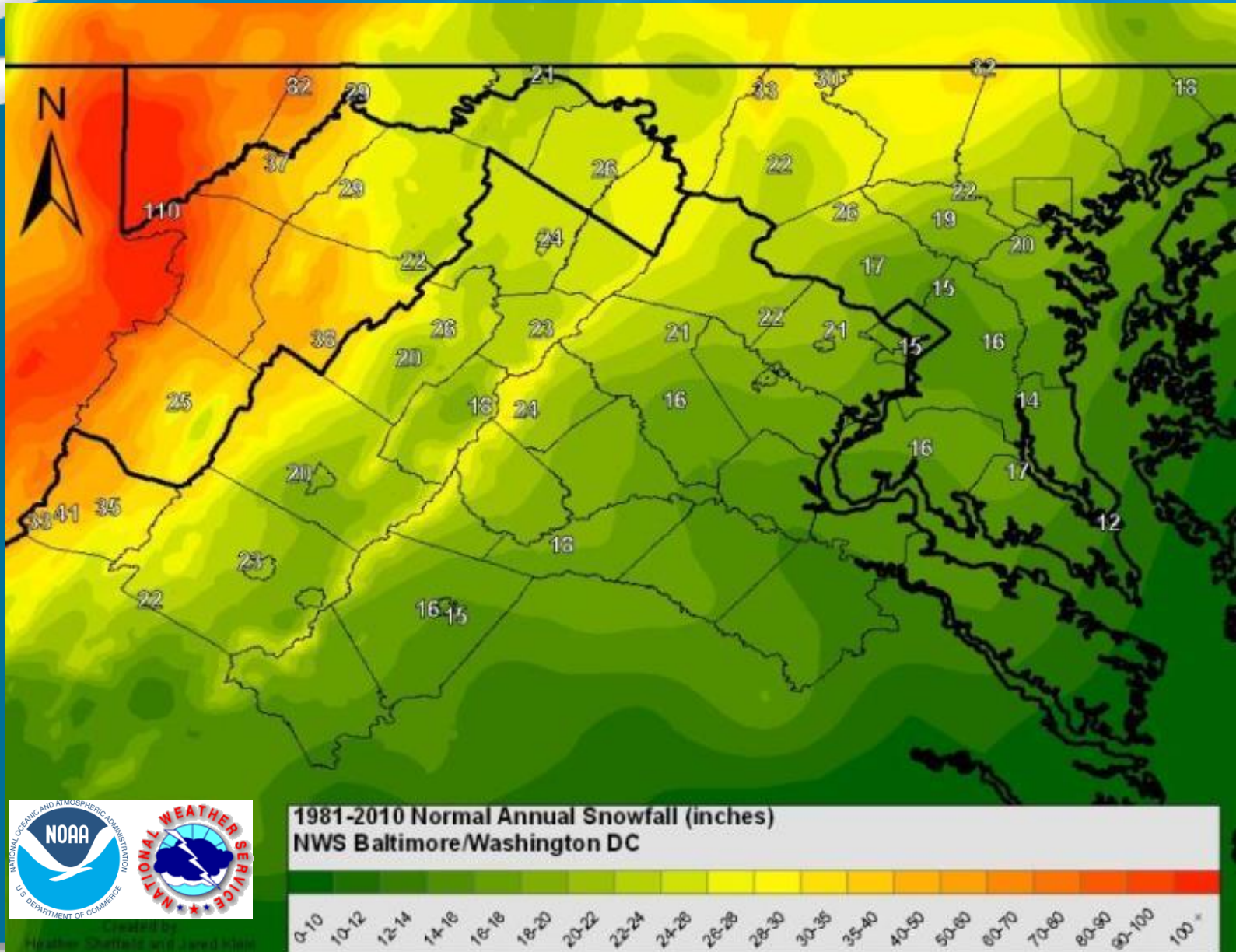


Tiempo Invernal

- *Fuertes nevadas*
- *Condiciones de nevasca (blizzard)*
- *Heladas*
- *Frío extremo*



Totales Promedio de Acumulación de Nieve

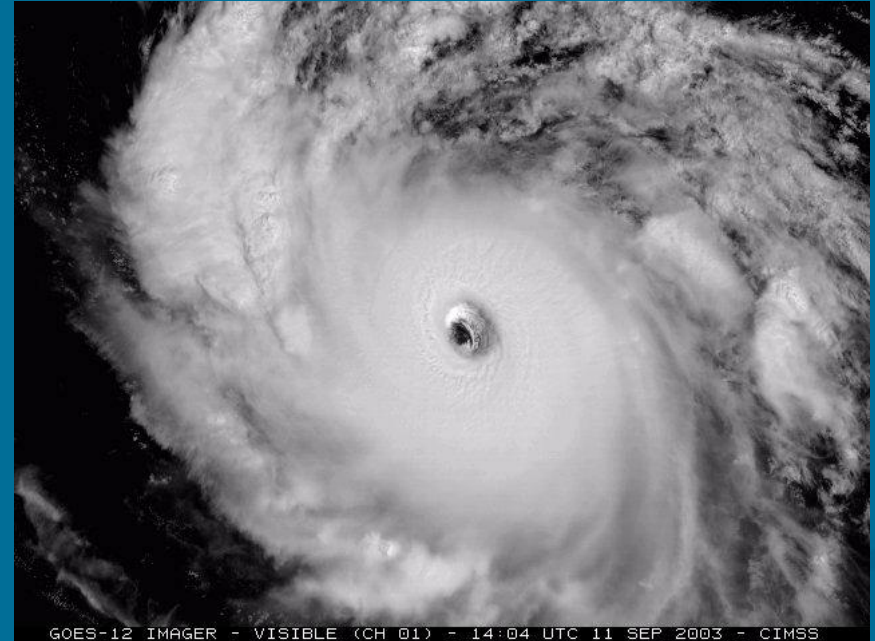


Seguridad Durante el Invierno

- *Prepare un equipo de suministros de emergencia*
- *Sal, arena, palas y vestimenta adecuada*
- *Plan familiar*
- *Manténgase informado y siga instrucciones del gobierno local y estatal*
- *Proteja tuberías*
- *Llene el tanque de combustible de los autos*
- *Si utiliza generador de electricidad, manténgalo fuera de su residencia*
 - **Monóxido de carbono**

Temporada Tropical

- **Temporada**
 - Junio 1 a Noviembre 30
- **Amenazas**
 - Inundaciones
 - Marejada ciclónica
 - Vientos fuertes
 - Tornados



Página Web

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

Local forecast by "City, ST" or ZIP code
Enter location: Go
[Location Help](#)

News Headlines
• [Fall 2015 SKYWARN Classes Are Now Scheduled](#)

NWS Forecast Office Baltimore/Washington
Sterling, VA
Weather Forecast Office

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather Local Programs

Click on the map below to zoom in.

Watches, Warnings & Advisories
Small Craft Advisory

Last Map Update: Mon, Aug. 24, 2015 at 1:03:22 pm EDT

Icons: Radar, Current Weather, Rivers & Lakes, Satellite, Weather Information Display, Forecast Maps

- *Vigilancias, avisos y advertencias mas recientes*

- *Pronóstico local*

- *Perspectiva de Tiempo Peligroso*

weather.gov/washington o weather.gov/baltimore

weather.gov/washington @
weather.gov/baltimore

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST POST-WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

News Headlines

- [Q100: NOAA's Come With Us - Set April 20th or Set May 1st](#)
- [Upcoming 2016 WRS/CRS Schedule - Including 2016 CRAMS at our Open House](#)
- [Only 5-Over Forecasts Available for Lampara Army Beginning May 2nd](#)

Hazardous Weather Conditions

[Hazardous Weather Outlook](#)

Current conditions at
College Park Airport (KDCPS)
via [RADAR](#) [WINDS](#) [RAINFALL](#)

70°F
21°C

Humidity: 60%
Wind Speed: 20 k mph
Barometer: 29.75 in
Dewpoint: 59°F (15°C)
Visibility: 10.00 mi
Last update: 24 Apr 8:55 am EDT

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[2 Day History](#)
[Hourly Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for Silver Spring MD

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
High: 67°F	Low: 51°F	High: 63°F	Low: 53°F	High: 66°F	Low: 49°F	High: 64°F	Low: 49°F	High: 67°F

Detailed Forecast

Today: A light chance of showers, then showers and thunderstorms likely after 2pm. Partly sunny with a high near 67. West wind 15 to 16 mph, with gusts as high as 25 mph. Chance of precipitation is 60%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.

Tonight: Showers and thunderstorms likely before 2am, then a light chance of showers. Mostly cloudy with a low around 51. West wind 7 to 15 mph becoming northeast after midnight. Chance of precipitation is 60%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.

Wednesday: Mostly cloudy with a high near 63. Northeast wind 6 to 8 mph becoming east in the afternoon.

Wednesday Night: A light chance of showers, then showers likely and possibly a thunderstorm after 2am. Cloudy with a low around 53. Southeast wind 3 to 6 mph. Chance of precipitation is 60%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.

Thursday: Showers likely and possibly a thunderstorm. Cloudy with a high near 66. East wind around 6 mph. Chance of precipitation is 70%.

Thursday Night: Showers likely, mainly before 2am. Cloudy with a low around 68. Chance of precipitation is 60%.

Friday: A chance of showers. Cloudy with a high near 67. Chance of precipitation is 60%.

Friday Night: Mostly cloudy with a low around 68.

Saturday: Partly sunny with a high near 67.

Saturday Night: Mostly cloudy with a low around 51.

Sunday: A chance of showers. Mostly cloudy with a high near 66. Chance of precipitation is 60%.

Sunday Night: Showers likely. Cloudy with a low around 51. Chance of precipitation is 60%.

Monday: Showers likely. Cloudy with a high near 66. Chance of precipitation is 60%.

Additional Forecast and Information

[www.weather.gov/washington/forecast](#)
[Forecast Discussion](#) [Hourly Weather Forecast](#) [Air Quality Forecast](#)
[Radar Forecast](#) [Winds Forecast](#) [Interactive Air Quality](#)
[Text Only Forecast](#) [About Rain Forecasts](#)

[Hazardous Weather Briefing Page](#) [Post-Weather Information](#) [Home](#)
[Interactive Forecast Map](#)

Topographic Click Map For Forecast

Point Forecast: Silver Spring MD
24% 77-20°W (Sun - Sat)
7:57 am EDT Apr 24, 2016
Forecast Valid: 8am EDT Apr 24, 2016-6pm EDT May 2, 2016
[Forecast Discussion](#)

Additional Resources

Radar & Satellite Image

Hourly Weather Forecast

National Digital Forecast Database

[High Temperature](#) [Chance of Precipitation](#)

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NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOME FORECAST PAST WEATHER SAFETY INFORMATION EDUCATION NEWS SEARCH ABOUT

View Location Examples

Your local forecast office is **Baltimore, MD/Washington**

Hazardous Weather Conditions

- [Hazardous Weather Outlook](#)

En Español [Share](#)

Current conditions at **College Park Airport (KCGS)**
Lat: 38.98°N Lon: 76.92°W Elev: 49ft

Fair
70°F
21°C

Extended Forecast for **Silver Spring MD**

Today	Tomorrow	Friday	Friday Night	Saturday
20% → 60%	60% 40%	20% → 60%	70%	60%
Slight Chance Showers then T-storms Likely	T-storms Likely then Chance Showers	Mostly Cloudy	Slight Chance Showers then Showers Likely	Chance Showers
High: 87 °F	Low: 54 °F	High: 63 °F	Low: 52 °F	High: 61 °F

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Página Web

Detailed Forecast

Today	A slight chance of showers, then showers and thunderstorms likely after 2pm. Partly sunny, with a high near 87. West wind 13 to 18 mph, with gusts as high as 25 mph. Chance of precipitation is 60%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.
Tonight	Showers and thunderstorms likely before 2am, then a slight chance of showers. Mostly cloudy, with a low around 54. West wind 7 to 13 mph becoming northeast after midnight. Chance of precipitation is 60%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.
Wednesday	Mostly cloudy, with a high near 63. Northeast wind 6 to 9 mph becoming east in the afternoon.
Wednesday Night	A slight chance of showers, then showers likely and possibly a thunderstorm after 2am. Cloudy, with a low around 52. Southeast wind 3 to 6 mph. Chance of precipitation is 60%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.
Thursday	Showers likely and possibly a thunderstorm. Cloudy, with a high near 60. East wind around 8 mph. Chance of precipitation is 70%.
Thursday Night	Showers likely, mainly before 2am. Cloudy, with a low around 49. Chance of precipitation is 60%.
Friday	A chance of showers. Cloudy, with a high near 61. Chance of precipitation is 40%.
Friday Night	Mostly cloudy, with a low around 48.
Saturday	Partly sunny, with a high near 67.
Saturday Night	Mostly cloudy, with a low around 51.
Sunday	A chance of showers. Mostly cloudy, with a high near 68. Chance of precipitation is 40%.
Sunday Night	Showers likely. Cloudy, with a low around 55. Chance of precipitation is 60%.
Monday	Showers likely. Cloudy, with a high near 68. Chance of precipitation is 60%.

Additional Forecasts and Information

[ZONE AREA FORECAST FOR CENTRAL AND SOUTHEAST MONTGOMERY, MD](#)

[Forecast Discussion](#)
[Printable Forecast](#)
[Text Only Forecast](#)

[Hourly Weather Forecast](#)
[Tabular Forecast](#)

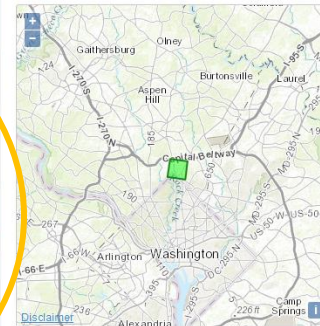
[Air Quality Forecasts](#)
[International System of Units](#)
[About Point Forecasts](#)

[Hazardous Weather](#)
[Briefing Page](#)

[Past Weather Information](#)
[Interactive Forecast Map](#)

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Topographic
[Click Map For Forecast](#)

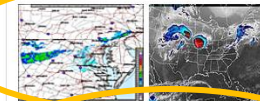


Point Forecast: Silver Spring MD
39°N 77.03°W (Elev. 344 ft)
Last Update: 7:27 am EDT Apr 26, 2016
Forecast Valid: 9am EDT Apr 26, 2016-6pm EDT May 2, 2016

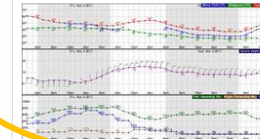
[Forecast Discussion](#)
[KML](#) [XML](#)

Additional Resources

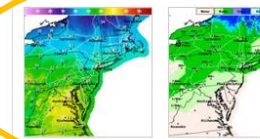
[Radar & Satellite Image](#)



[Hourly Weather Forecast](#)



[National Digital Forecast Database](#)



www.weather.gov/washington/espanol
**Nueva Página Web Con Información
En Español**

Resumen

- *Nuestra región es afectada por múltiples amenazas naturales*
- *Nuestra oficina provee productos para ayudarlos a estar mejor preparados*
- *Debe conocer la diferencia entre ‘Vigilancia’ (Watch) y ‘Aviso’ (Warning) y qué acción tomar en cada caso*
- *Nuestra página web cuenta con los pronósticos en español*

www.weather.gov/washington
www.listo.gov