

NOUS41 KWBC 151730  
PNSWSH

Service Change Notice 25-52  
National Weather Service Headquarters Silver Spring MD  
130 PM EDT Tue Jul 15 2025

To:       Subscribers  
          -NOAA Weather Wire Service  
          -Emergency Managers Weather Information Network  
          -NOAAPort  
          Other NWS Partners, Users and Employees

From:     Kevin Stone, Chief  
          Aviation and Space Weather Services Branch

Subject: Upgrades to the Alaska Aviation Weather Unit Winds Aloft and Hourly Observation Charts on or after August 14, 2025.

On or after August 14, 2025, the Alaska Aviation Weather Unit is planning to perform an upgrade to their winds aloft and hourly observation charts. This upgrade will provide users in Alaska with additional information through higher resolution data, and allow the NWS to retire the end of life system used to produce them.

Users accessing these charts through the Alaska Aviation Weather Unit website will automatically see the upgraded charts on the following websites:

Alaska Hourly Observations: <https://www.weather.gov/aawu/hrlyjobs>

Winds aloft: <https://www.weather.gov/aawu/upperwinds>

To prepare for this change, users utilizing a static URL to automatically download these charts will need to make the following URL updates on their systems:

Current hourly observation URLs:

- Alaska:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_AK12.gif](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_AK12.gif)

- Southeast:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_SEAK5.gif](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_SEAK5.gif)

- North Gulf:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_NGLF5.gif](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_NGLF5.gif)

- Southcentral:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_SCNT5.gif](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_SCNT5.gif)

- Southwest:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_SWAK6.gif](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_SWAK6.gif)

- Western:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_WCEN5.gif](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_WCEN5.gif)

- Central:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_CENT5.gif](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_CENT5.gif)

- Northern:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_NOAK6.gif](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_NOAK6.gif)

New hourly observation URLs:

- Alaska:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_AK12.png](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_AK12.png)

- Southeast:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_SEAK5.png](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_SEAK5.png)

- North Gulf:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_NGLF5.png](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_NGLF5.png)

- Southcentral:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_SCNT5.png](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_SCNT5.png)

- Southwest:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_SWAK6.png](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_SWAK6.png)

- Western:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_WCEN5.png](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_WCEN5.png)

- Central:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_CENT5.png](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_CENT5.png)

- Northern:

[http://www.weather.gov/images/aawu/hourlyCharts/FAA\\_AWU\\_NOAK6.png](http://www.weather.gov/images/aawu/hourlyCharts/FAA_AWU_NOAK6.png)

Current winds aloft (6-hour forecast):

- 6,000 ft wind: [https://www.weather.gov/images/aawu/wind/6k\\_6h.gif](https://www.weather.gov/images/aawu/wind/6k_6h.gif)

- 9,000 ft wind: [https://www.weather.gov/images/aawu/wind/9k\\_6h.gif](https://www.weather.gov/images/aawu/wind/9k_6h.gif)

- 12,000 ft wind: [https://www.weather.gov/images/aawu/wind/12k\\_6h.gif](https://www.weather.gov/images/aawu/wind/12k_6h.gif)

- 18,000 ft wind: [https://www.weather.gov/images/aawu/wind/18k\\_6h.gif](https://www.weather.gov/images/aawu/wind/18k_6h.gif)

- 24,000 ft wind: [https://www.weather.gov/images/aawu/wind/24k\\_6h.gif](https://www.weather.gov/images/aawu/wind/24k_6h.gif)

- 30,000 ft wind: [https://www.weather.gov/images/aawu/wind/30k\\_6h.gif](https://www.weather.gov/images/aawu/wind/30k_6h.gif)

Current winds aloft (12-hour forecast):

- 6,000 ft wind: [https://www.weather.gov/images/aawu/wind/6k\\_12h.gif](https://www.weather.gov/images/aawu/wind/6k_12h.gif)

- 9,000 ft wind: [https://www.weather.gov/images/aawu/wind/9k\\_12h.gif](https://www.weather.gov/images/aawu/wind/9k_12h.gif)

- 12,000 ft wind: [https://www.weather.gov/images/aawu/wind/12k\\_12h.gif](https://www.weather.gov/images/aawu/wind/12k_12h.gif)

- 18,000 ft wind: [https://www.weather.gov/images/aawu/wind/18k\\_12h.gif](https://www.weather.gov/images/aawu/wind/18k_12h.gif)

- 24,000 ft wind: [https://www.weather.gov/images/aawu/wind/24k\\_12h.gif](https://www.weather.gov/images/aawu/wind/24k_12h.gif)

- 30,000 ft wind: [https://www.weather.gov/images/aawu/wind/30k\\_12h.gif](https://www.weather.gov/images/aawu/wind/30k_12h.gif)

New winds aloft (3-hour forecast):

- 3,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT030\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT030_1.png)

- 6,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT060\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT060_1.png)

- 9,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT090\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT090_1.png)

- 12,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT120\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT120_1.png)

- 15,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT150\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT150_1.png)

- 18,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT180\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT180_1.png)

- 21,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT210\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT210_1.png)

- 24,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT240\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT240_1.png)

- 27,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT270\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT270_1.png)

- 30,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT300\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT300_1.png)

- 34,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT340\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT340_1.png)

- 39,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT390\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT390_1.png)

- 44,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT440\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT440_1.png)

- 52,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT520\\_1.png](https://www.weather.gov/images/aawu/Wind_FLT520_1.png)

New winds aloft (9 hour forecast):

- 3,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT030\\_3.png](https://www.weather.gov/images/aawu/Wind_FLT030_3.png)

- 6,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT060\\_3.png](https://www.weather.gov/images/aawu/Wind_FLT060_3.png)

- 9,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT090\\_3.png](https://www.weather.gov/images/aawu/Wind_FLT090_3.png)

- 12,000 ft wind: [https://www.weather.gov/images/aawu/Wind\\_FLT120\\_3.png](https://www.weather.gov/images/aawu/Wind_FLT120_3.png)

- 15,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT150 3.png](https://www.weather.gov/images/aawu/Wind_FLT150_3.png)
- 18,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT180 3.png](https://www.weather.gov/images/aawu/Wind_FLT180_3.png)
- 21,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT210 3.png](https://www.weather.gov/images/aawu/Wind_FLT210_3.png)
- 24,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT240 3.png](https://www.weather.gov/images/aawu/Wind_FLT240_3.png)
- 27,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT270 3.png](https://www.weather.gov/images/aawu/Wind_FLT270_3.png)
- 30,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT300 3.png](https://www.weather.gov/images/aawu/Wind_FLT300_3.png)
- 34,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT340 3.png](https://www.weather.gov/images/aawu/Wind_FLT340_3.png)
- 39,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT390 3.png](https://www.weather.gov/images/aawu/Wind_FLT390_3.png)
- 44,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT440 3.png](https://www.weather.gov/images/aawu/Wind_FLT440_3.png)
- 52,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT520 3.png](https://www.weather.gov/images/aawu/Wind_FLT520_3.png)

New winds aloft (15 hour forecast):

- 3,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT030 5.png](https://www.weather.gov/images/aawu/Wind_FLT030_5.png)
- 6,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT060 5.png](https://www.weather.gov/images/aawu/Wind_FLT060_5.png)
- 9,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT090 5.png](https://www.weather.gov/images/aawu/Wind_FLT090_5.png)
- 12,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT120 5.png](https://www.weather.gov/images/aawu/Wind_FLT120_5.png)
- 15,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT150 5.png](https://www.weather.gov/images/aawu/Wind_FLT150_5.png)
- 18,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT180 5.png](https://www.weather.gov/images/aawu/Wind_FLT180_5.png)
- 21,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT210 5.png](https://www.weather.gov/images/aawu/Wind_FLT210_5.png)
- 24,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT240 5.png](https://www.weather.gov/images/aawu/Wind_FLT240_5.png)
- 27,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT270 5.png](https://www.weather.gov/images/aawu/Wind_FLT270_5.png)
- 30,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT300 5.png](https://www.weather.gov/images/aawu/Wind_FLT300_5.png)
- 34,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT340 5.png](https://www.weather.gov/images/aawu/Wind_FLT340_5.png)
- 39,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT390 5.png](https://www.weather.gov/images/aawu/Wind_FLT390_5.png)
- 44,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT440 5.png](https://www.weather.gov/images/aawu/Wind_FLT440_5.png)
- 52,000 ft wind: [https://www.weather.gov/images/aawu/Wind FLT520 5.png](https://www.weather.gov/images/aawu/Wind_FLT520_5.png)

Additionally, as part of this change the following Geopotential heights/winds graphics will be retired:

[https://www.weather.gov/images/aawu/analysis 850.gif](https://www.weather.gov/images/aawu/analysis_850.gif)  
[https://www.weather.gov/images/aawu/analysis 700.gif](https://www.weather.gov/images/aawu/analysis_700.gif)  
[https://www.weather.gov/images/aawu/analysis 500.gif](https://www.weather.gov/images/aawu/analysis_500.gif)  
[https://www.weather.gov/images/aawu/analysis 300.gif](https://www.weather.gov/images/aawu/analysis_300.gif)  
[https://www.weather.gov/images/aawu/analysis 200.gif](https://www.weather.gov/images/aawu/analysis_200.gif)

Additional hourly observation and winds aloft forecasts will also be available on an interactive map at <https://aviationweather.gov/gfa>

If you have any questions concerning Alaska Aviation Weather Unit Winds aloft and Hourly observation charts, please contact:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/>

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