

# TRUWEATHER SOLUTIONS

*Trusted Data, Real Results*

TruWeather Solutions Inc.  
1303 Sawbridge Way  
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April 29, 2024

The Honorable Frank Lucas, Chairman  
The Honorable Zoe Lofgren, Ranking Member Committee on Science, Space, and Technology  
U.S. House of Representatives  
Washington, DC 20515

Dear Chairman Lucas and Ranking Member Lofgren:

I am writing this letter to offer my support for U.S. House of Representatives (H.R.) 6093, the Weather Act Reauthorization Act of 2023. I am the CEO of TruWeather Solutions and was former the National Weather Service (NWS) Director for Science and Technology and a retired Air Force Colonel who has been on the forefront of weather, aviation, and logistics for 40 years. My broad experience working in the Department of Defense, NWS Senior Executive Service member, and as the Founder of TruWeather Solutions (2015), a micro-weather data and analytics company has given me a front seat into the deficiencies in our measurement of the boundary layer (below 5,000 feet in the atmosphere) and how they affect National Defense and the aviation industry.

The Climate and Weather Industry is facing greater demands than ever, without the requisite investment in weather infrastructure needed to meet the emerging needs of the Nation. Meeting the challenge will require a public and private partnership strategy, with government funding and laws supporting both.

NOAA is a singularly unique agency, tasked with critical operational weather forecasting, as its mission and responsibility, in which Americans rely on forecasts of minutes to hours, days to weeks, and beyond. The physical safety of the society of the U.S., along with the economic prosperity of the U.S., depend on the ability of the citizenry of the Nation to deal with fluctuations in the weather. The U.S. air, sea and land transportation networks, the U.S. food supply, the U.S. financial industry broadly defined and environmental security, are all critically dependent on constant monitoring, and our national safety is underpinned by accurate and timely weather information. NOAA's importance, much like the U.S. Postal Service, as the Nation's two operational agencies, cannot be underestimated, understated or undervalued.

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The Weather Act of 2017 established programs to improve NOAA partnerships with private industry and its collaboration with academia, with U.S. state agencies, with other U.S. federal agencies, and with international partners, have experienced noteworthy success over the intervening period. For example, via its data buys from university observing networks, and with private industry, such as commercial aircraft weather data, NOAA immediately transforms these data assets into greatly improved national to regional to local weather forecasts. NOAA's links to the Nation's cadre of front line emergency managers are robust.

The H.R. 6093 Weather Act Reauthorization Act builds on the successes of the existing Law, and creates the enabling capacity for further improvements for collaborations with the U.S. weather enterprise, broadly defined. NOAA's future advancements rest upon reauthorization passage. You personally, along with other H.R. Committee Members, and the extensive staff of diligent and dedicated federal employees who have enabled this Act, must be commended for your continued support of such crucially critical government responsibility on behalf of the citizenry of the U.S. NOAA must be authorized with the agency capacity to be successful. Congressional action on H.R. 6093 is imperative and will be nationally embraced.

Respectfully,

*Donald H. Berchoff*

Donald H. Berchoff, CEO

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