



# North Dakota Climate Bulletin

Autumn 2025

Volume 19, No. 4

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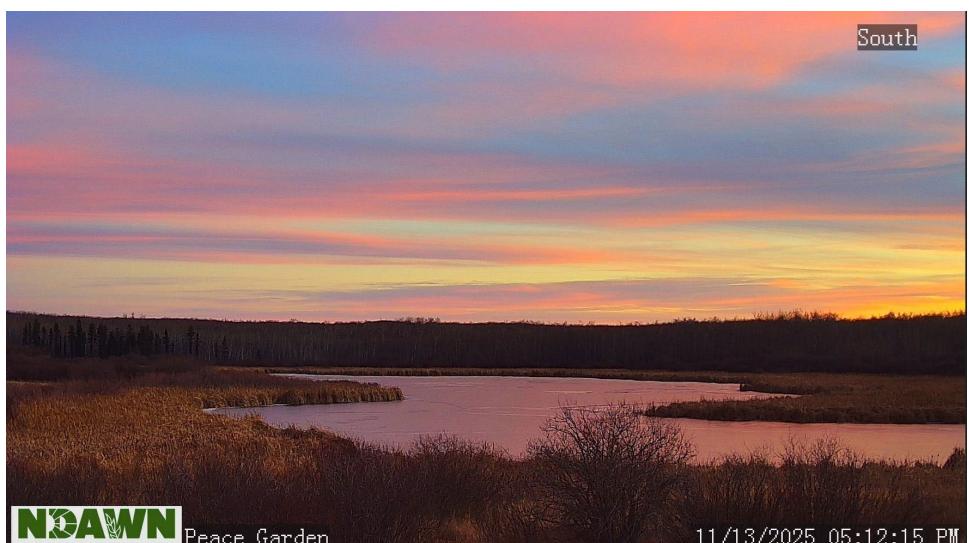
This publication can be made available in alternative formats upon request.



## From the Office of the State Climatologist

The North Dakota Climate Bulletin is a quarterly publication of North Dakota's weather and climate from the North Dakota State Climate Office in the School of Natural Resource Sciences, North Dakota State University in Fargo, North Dakota.

The autumn of 2025 (September through November) was very warm. Much of the state recorded a Top 10 warmest autumn on record. An early freeze on September 6 did noticeable damage to especially the soybean (and dry bean) crop across the state. Fargo for example recorded the 5th early first freeze on record that morning. Many locations that survived the early freeze did not have temperatures drop to 32°F again until early October.



*The sun sets at the Peace Garden in mid-November*



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## Seasonal Precipitation Summary

Southeastern North Dakota was generally dry, whereas northeastern and south-central North Dakota had a wetter than average autumn. The highest precipitation total occurred at the North Dakota Agricultural Weather Network (NDAWN) station near Webster in Ramsey County with 10.31 inches, which is 243% of normal (+6.07") from September 1 through November 30. The lowest seasonal rainfall occurred in Williams County at the Williston NDAWN station, which recorded 2.19 inches, which was 77% of normal (-0.66") for the season.

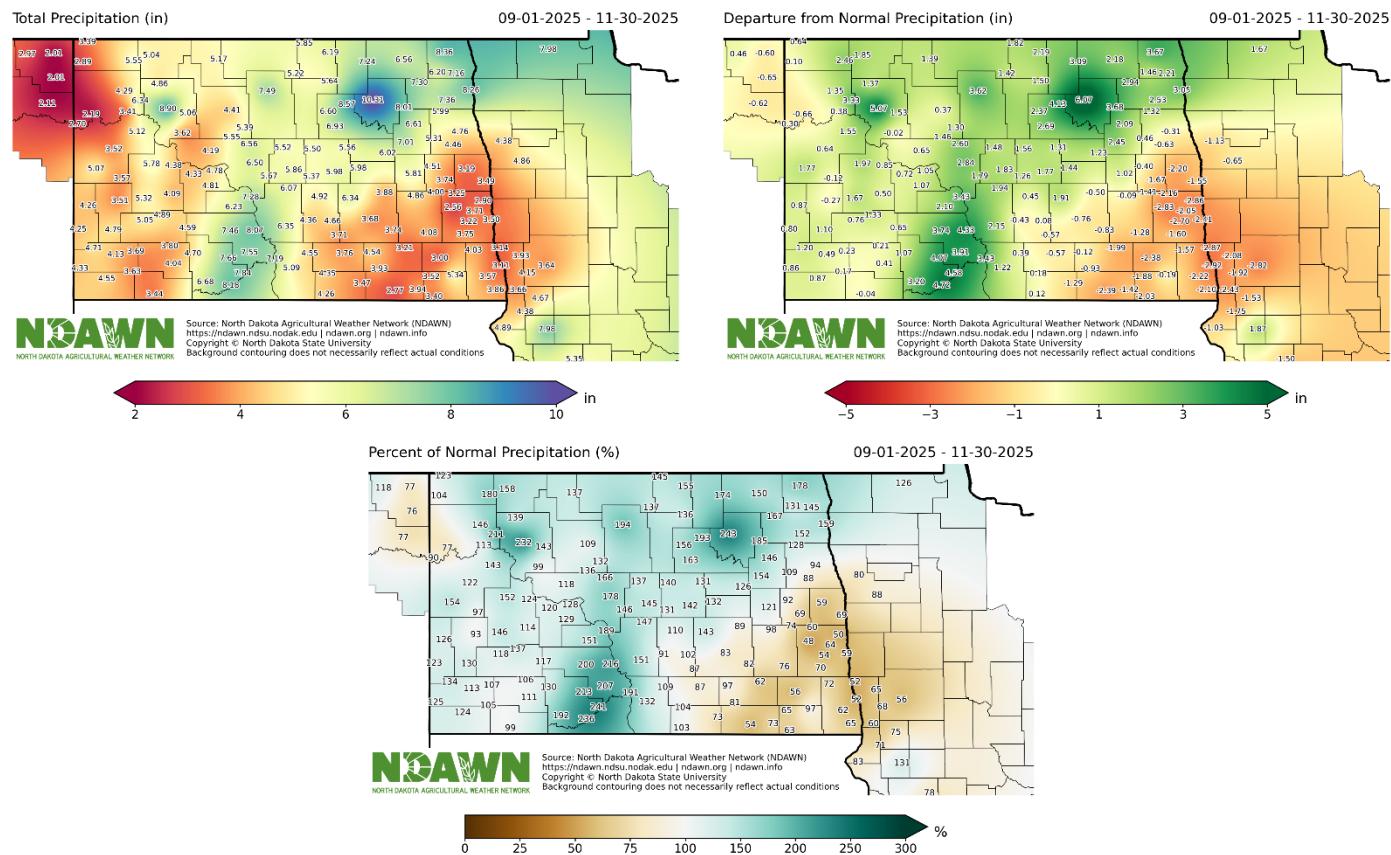


Figure 1: Total precipitation (top left), departure from normal (top right), and percent of normal precipitation (bottom) recorded by NDAWN stations in Autumn 2025



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The autumn season was wetter than average across much of the state with the exception of the southeastern corner. In turn, only a small area of “Abnormally Dry” conditions were being reported by the drought monitor as the winter season began.

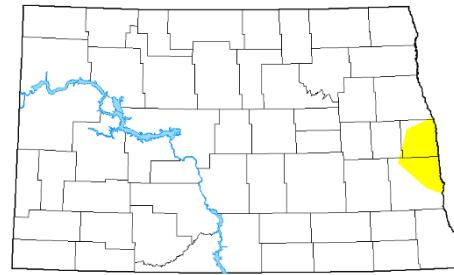
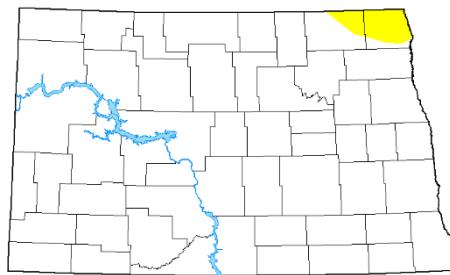


Figure 2: U.S. Drought Monitor conditions change between September 2, 2025 (left) to December 2, 2025 (right)

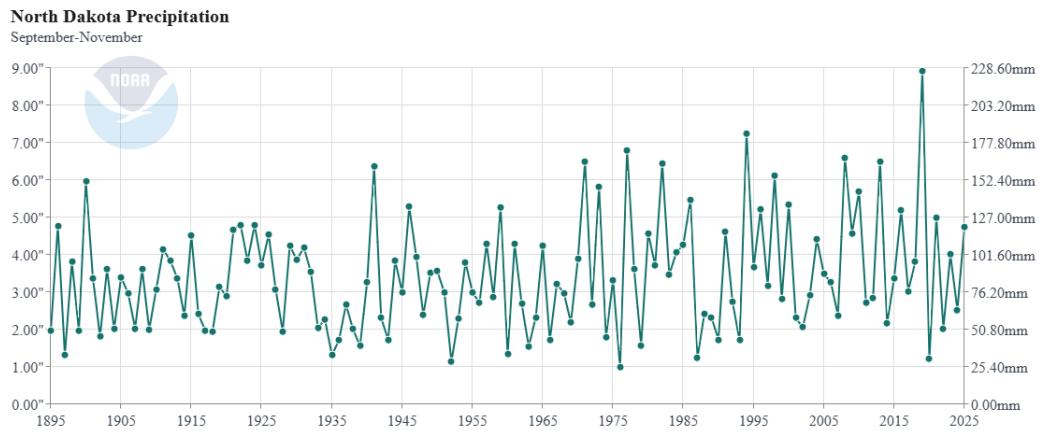


Figure 3: Average Precipitation in North Dakota for the autumn season (via NCEI)

## North Dakota Autumn Precipitation Summary

Autumn 2025	Precipitation	Normal	Anomaly	Rank	Record
Autumn 2025	5.09"	4.16"	+0.93"	19 <sup>th</sup> Wettest	8.92" (2019)
				113 <sup>th</sup> Driest	0.99" (1976)

Table 1: Autumn precipitation summary for North Dakota. 2025 statistics from NDAWN station data. Ranking and records based on NCEI climate data (1895-2025) (NOAA).

## Seasonal Temperature Summary

All three autumn months were much warmer than average causing the Autumn overall to finish 4.3°F above normal (Figure 5).

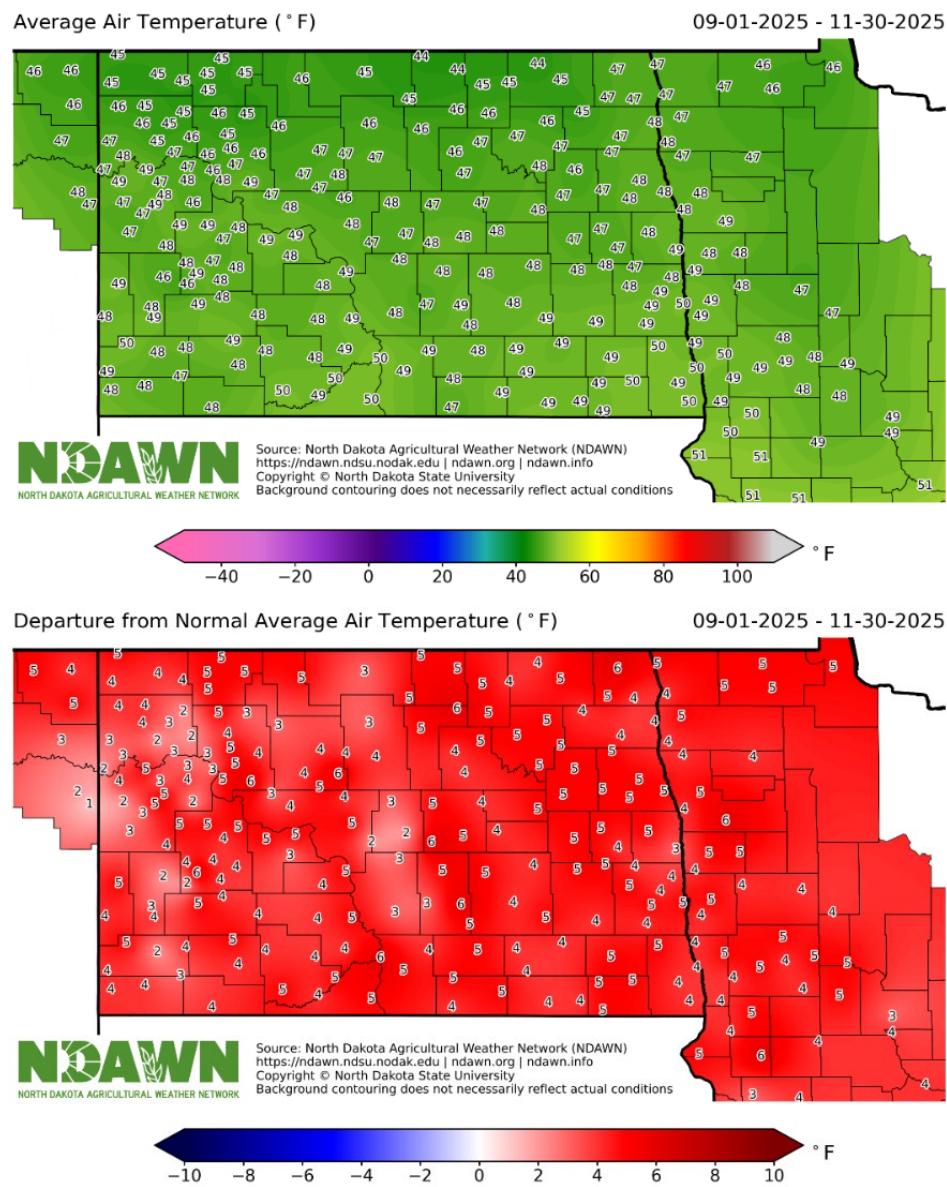


Figure 4: Average air temperature (top) and departure from normal average air temperature (bottom) recorded by NDAWN stations in Autumn 2025



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The warmest temperature of the autumn was recorded at the Wahpeton NDAWN station on September 29 with a reading of 95°F. The coldest temperature of the season occurred at the New Hradec station with a minimum of -26°F on November 30. That station recorded the lowest temperature in each of the three months: 26°F in September, 15°F in October, and -26°F in November.

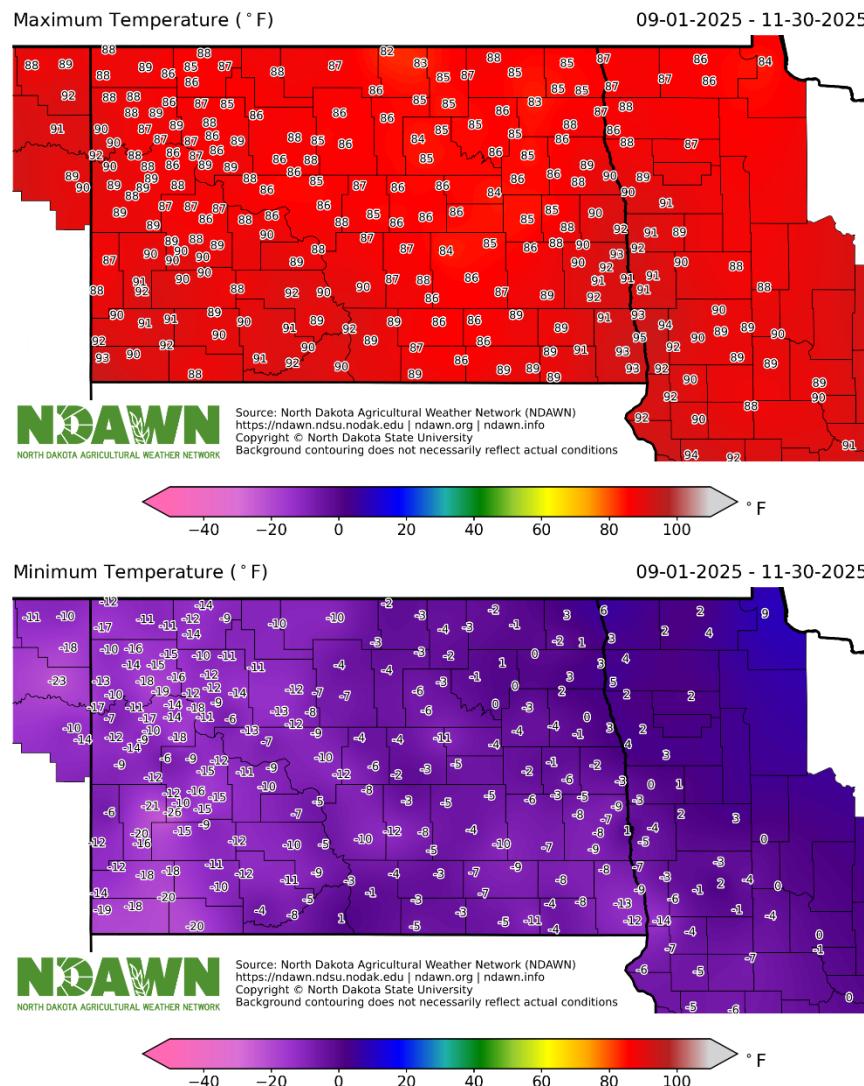


Figure 5: Maximum air temperature (top) and minimum air temperature (bottom) recorded by NDAWN stations during Autumn 2025



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## North Dakota Average Temperature

September-November

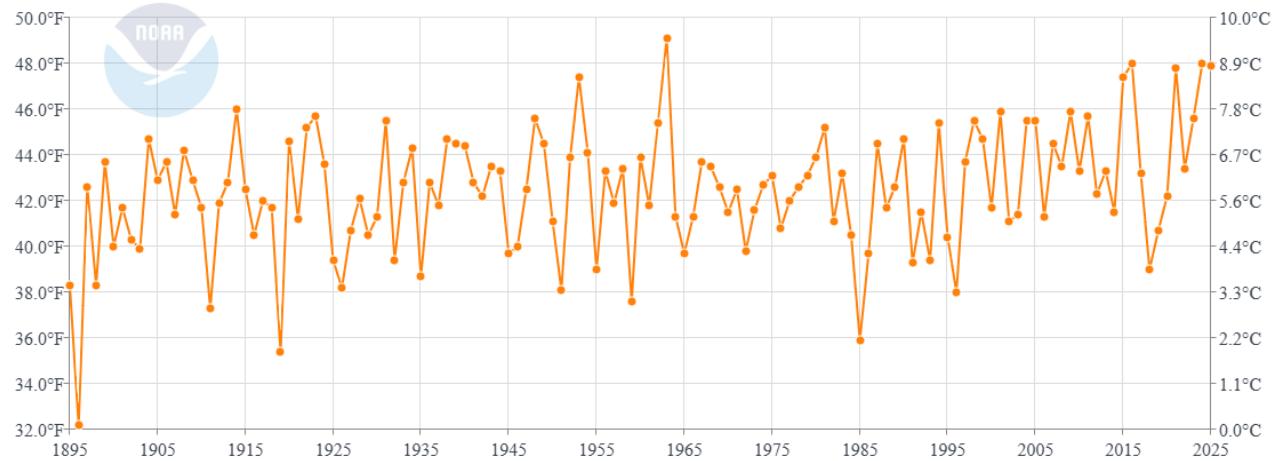


Figure 6: Average Temperature in North Dakota for the autumn season (via NCEI)

## North Dakota Autumn Temperature Summary

Autumn 2025	Average T	Avg max T	Avg min T	Maximum	Minimum
	47.5°F	58.8°F	36.1°F		
Anomaly	+4.3°F	+4.0°F	+4.5°F		
Rank					
Warmest	4th Warmest		8th Warmest	2nd Warmest	
Coolest	128th Coolest		124th Coolest	130th Coolest	
Record					
Warmest	49.1°F (1963)		62.7°F (1963)	37.2°F (2016)	
Coolest	32.2°F (1896)		43.3°F (1896)	21.1°F (1896)	

Table 2: Autumn temperature summary for North Dakota. 2025 statistics from NDAWN station data. Ranking and records based on NCEI climate data (1895-2025) (NOAA).

Detailed monthly summaries and the full archive can be found at [www.ndsu.edu/ndSCO](http://www.ndsu.edu/ndSCO).

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