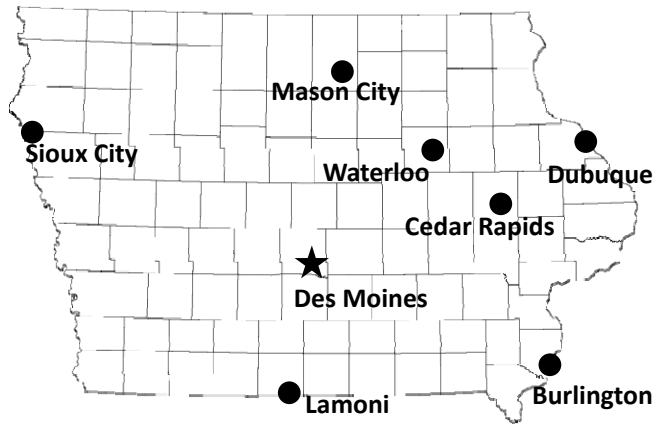


Iowa Climate Statement 2017: It's not just the heat, it's the humidity!

Absolute humidity, which is typically measured by dew point temperature, is increasing in Iowa in all seasons and at all long-term monitoring stations.

Long-term Monitoring Stations in Iowa

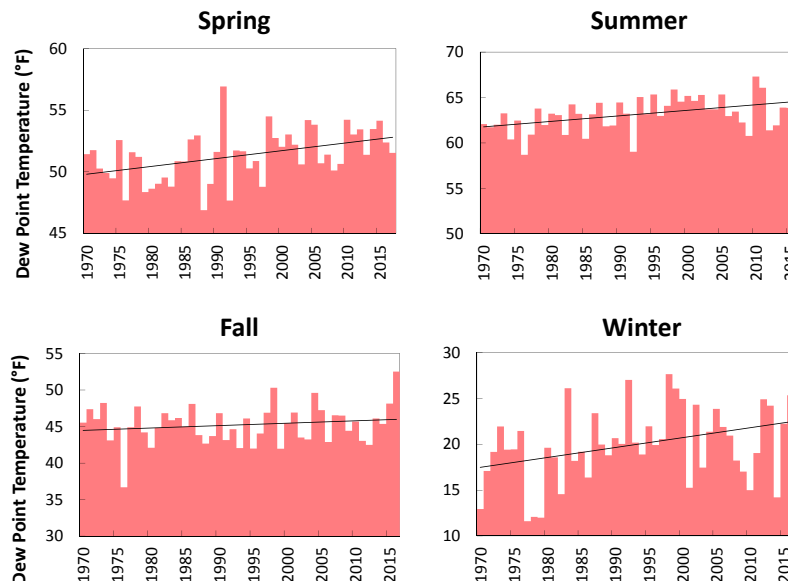


Increasing Average Dew Point Temperatures
(°F/century)

	Winter	Spring	Summer	Fall
Burlington	12.5	7.4	5.1	3.6
Cedar Rapids	12.5	12.7	7.3	10.0
Des Moines	10.8	6.4	6.1	3.3
Dubuque	11.4	12.4	16.4	9.5
Lamoni	1.7	6.1	5.5	3.8
Mason City	13.0	4.5	4.1	2.6
Sioux City	8.9	4.7	5.8	4.7
Waterloo	17.2	5.8	7.3	5.8

Bold indicates statistical significance at the 95% confidence interval
Winter is December, January, February; Spring is April, May, June; Summer is June, July, August; Fall is September, October, November.

Dew Point Temperature Increases in Des Moines (1970-2017)



Data source: Iowa Environmental Mesonet, 2017: Dew point temperatures. Available online at mesonet.agron.iastate.edu

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