U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

# Summary of Annual Normals 1991-2020

Generated on 09/15/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 693 ft. Lat: 42.9486° N Lon: 78.7369° W

Station: **BUFFALO, NY US USW00014733**

## Freeze Data

### Spring Freeze Dates (Month/Day)

| Temp (F) | Probability of later date in spring (through Jul 31) than indicated(*) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | .10 | .20 | .30 | .40 | .50 | .60 | .70 | .80 | .90 |
| 36 | 05/19 | 05/14 | 05/10 | 05/07 | 05/04 | 05/02 | 04/30 | 04/26 | 04/22 |
| 32 | 05/09 | 05/03 | 04/30 | 04/28 | 04/24 | 04/21 | 04/19 | 04/16 | 04/11 |
| 28 | 04/27 | 04/22 | 04/19 | 04/16 | 04/13 | 04/10 | 04/07 | 04/05 | 04/01 |
| 24 | 04/17 | 04/11 | 04/08 | 04/05 | 04/03 | 04/01 | 03/29 | 03/25 | 03/19 |
| 20 | 04/05 | 04/01 | 03/30 | 03/26 | 03/23 | 03/20 | 03/17 | 03/14 | 03/09 |
| 16 | 03/28 | 03/23 | 03/20 | 03/17 | 03/15 | 03/12 | 03/09 | 03/05 | 02/28 |

### Fall Freeze Dates (Month/Day)

| Temp (F) | Probability of earlier date in fall (beginning Aug 1) than indicated(*) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | .10 | .20 | .30 | .40 | .50 | .60 | .70 | .80 | .90 |
| 36 | 09/30 | 10/03 | 10/06 | 10/10 | 10/13 | 10/16 | 10/19 | 10/22 | 10/27 |
| 32 | 10/10 | 10/16 | 10/19 | 10/23 | 10/26 | 10/28 | 11/01 | 11/04 | 11/09 |
| 28 | 10/25 | 10/30 | 11/01 | 11/04 | 11/06 | 11/10 | 11/13 | 11/17 | 11/22 |
| 24 | 11/05 | 11/10 | 11/14 | 11/16 | 11/19 | 11/22 | 11/26 | 11/30 | 12/05 |
| 20 | 11/15 | 11/19 | 11/23 | 11/26 | 11/30 | 12/03 | 12/06 | 12/10 | 12/16 |
| 16 | 11/23 | 11/29 | 12/03 | 12/06 | 12/10 | 12/14 | 12/19 | 12/23 | 12/29 |

### Freeze Free Period

| Temp (F) | Probability of longer than indicated freeze free period (Days) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | .10 | .20 | .30 | .40 | .50 | .60 | .70 | .80 | .90 |
| 36 | 179.0 | 173.0 | 168.0 | 164.0 | 160.0 | 156.0 | 151.0 | 147.0 | 140.0 |
| 32 | 202.0 | 196.0 | 191.0 | 187.0 | 183.0 | 179.0 | 174.0 | 169.0 | 163.0 |
| 28 | 228.0 | 221.0 | 216.0 | 212.0 | 208.0 | 204.0 | 200.0 | 196.0 | 188.0 |
| 24 | 251.0 | 243.0 | 238.0 | 234.0 | 230.0 | 226.0 | 222.0 | 216.0 | 210.0 |
| 20 | 273.0 | 267.0 | 260.0 | 256.0 | 252.0 | 247.0 | 243.0 | 236.0 | 230.0 |
| 16 | 293.0 | 286.0 | 281.0 | 276.0 | 271.0 | 267.0 | 262.0 | 257.0 | 250.0 |

-9999: Data not available

* Probability of observing a temperature as cold or colder than the indicated threshold, later in the spring or earlier in the fall than the indicated date

blank: missing or insufficient data