



Cornell University Cooperative Extension of Suffolk County

Extension Education Center
423 Griffing Avenue, Suite 100
Riverhead, New York 11901-3071
t. 631-727-7850
f. 631-727-7130

2026 Daily - Growing Degree Day/Precipitation/ET – Report

Cornell Cooperative Extension – Suffolk County

In Cooperation with the Northeast Regional Climate Center at Cornell University

As of: May 12, 2026

| Location | Accumulated <u>GDD</u> base 50°F from March 1, 2026 | Accumulated <u>GDD</u> base 50°F on this date in 2025 | Average GDD Base 50° from March 1, 2016 – March 1, 2025 | Soil 2” below sod | | | Soil 4” below sod | | | <u>Precipitation</u> 24 hrs. (inches) | <u>Rate of ET</u> 24 hrs. (inches) |
|-----------------------|---|--|--|----------------------|----------------------|---|----------------------|----------------------|---|---|--|
| | | | | Max. Temp. °F. | Min. Temp. °F. | Accumulated GDD base 50°F from March 1, 2026 | Max. Temp. °F. | Min. Temp. °F. | Accumulated GDD base 50°F from March 1, 2026 | | |
| Farmingdale | 225 | 286 | 212 | | | | | | | 0.00 | 0.14 |
| Hampton Bays | As of 5/11, 112 | 198 | | | | | | | | 0.00 | |
| Islip | 196 | 310 | 191 | | | | | | | 0.00 | 0.13 |
| Jamesport | 184 | 265 | 178 | 64 | 55 | 225 | 62 | 56 | 220 | 0.000 | |
| NYC - Central Park | 403 | 439 | 336 | | | | | | | 0.00 | 0.16 |
| NYC - JFK | 245 | 344 | 229 | | | | | | | 0.00 | 0.12 |
| Riverhead | 250 | 306 | 207 | | | | | | | 0.00 | |
| Shirley | 155 | 272 | | | | | | | | 0.00 | 0.13 |
| Westhampton | | | | | | | | | | | 0.13 |
| Water Mill | 79 | | | | | | | | | 0.00 | |

Legend:

Italicized numbers are estimated numbers. Some weather data was unrecoverable, and therefore an estimate had to be calculated.

ET = Evapotranspiration (Penman Monteith method) (Provided by the [Northeast Regional Climate Center at Cornell University](#))

Accumulated GDD is determined using the Daily Maximum – Minimum Average Method at all locations except for Laurel where an Omnidata Biophenometer is being used for determining Accumulated GDD.

Observation times (24 hour period):

12:00 midnight – Farmingdale (Airport), Islip (Islip/MacArthur Airport), Jamesport, NYC Central Park, NYC-JFK, Shirley (Airport), Westhampton (Airport).

Hourly – Water Mill. NY – NEWA

5:00 pm – Riverhead, LIHREC