



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

2025 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: September 1, 2025

| Location | Accumulated GDD base 50°F from March 1, 2025 | Accumulate d GDD base 50°F on this date in 2024 | Average GDD Base 50° from March 1, 2015 – March 1, 2024 | Soil 2” below sod | | | Soil 4” below sod | | | Precipitat ion 24 hrs. (inches) | Rate of ET 24 hrs. (inches) |
|-----------------------|--|--|--|----------------------|----------------------|---|---------------------|---------------------|---|---|---|
| | | | | Max. Temp. °F. | Min. Temp. °F. | Accumulated GDD base 50°F from March 1, 2025 | Max. Temp. °F | Min. Temp. °F | Accumulated GDD base 50°F from March 1, 2025 | | |
| Farmingdale | 2651 | 2845 | 2735 | | | | | | | 0.00 | 0.10 |
| Hampton Bays | 2352 | 2433 | | | | | | | | 0.00 | |
| Islip | 2792 | 2718 | 2623 | | | | | | | 0.00 | 0.09 |
| Jamesport | 2546 | 2596 | 2589 | 73 | 68 | 2971 | 73 | 69 | 2911 | 0.00 | |
| NYC - Central Park | 3018 | 3193 | 3047 | | | | | | | 0.00 | 0.13 |
| NYC - JFK | 2935 | 2970 | 2820 | | | | | | | 0.00 | 0.10 |
| Riverhead | 2714 | 2766 | 2673 | | | | | | | 0.00 | |
| Shirley | 2544 | 2675 | | | | | | | | 0.00 | 0.09 |
| Westhampton | | | | | | | | | | | 0.08 |
| Water Mill | N/A | 2262 | | | | | | | | N/A | |

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