



Cornell University Cooperative Extension of Suffolk County

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2024 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: April 7, 2024

| Location | Accumulated GDD base 50°F from March 1, 2024 | Accumulated GDD base 50°F on this date in 2023 | Average GDD Base 50° from March 1, 2014 – March 1, 2023 | Soil 2” below sod | | | Soil 4” below sod | | | Precipitation 24 hrs. (inches) | Rate of ET 24 hrs. (inches) |
|--------------------|--|--|---|-------------------|----------------|--|-------------------|---------------|--|--------------------------------|-----------------------------|
| | | | | Max. Temp. °F. | Min. Temp. °F. | Accumulated GDD base 50°F from March 1, 2024 | Max. Temp. °F | Min. Temp. °F | Accumulated GDD base 50°F from March 1, 2024 | | |
| Farmingdale | 32 | 32 | 26 | | | | | | | 0.00 | 0.06 |
| Hampton Bays | 12 | | | | | | | | | 0.00 | |
| Islip | 22 | 25 | 20 | | | | | | | 0.00 | 0.06 |
| Jamesport | 17 | 26 | 2 | 53 | 47 | 22 | 52 | 48 | 19 | 0.00 | |
| NYC - Central Park | 61 | 55 | 56 | | | | | | | 0.00 | 0.09 |
| NYC - JFK | 38 | 25 | 28 | | | | | | | 0.00 | 0.07 |
| Riverhead | 17 | 28 | 21 | | | | | | | 0.00 | |
| Shirley | 18 | 17 | | | | | | | | 0.00 | 0.06 |
| Westhampton | | | | | | | | | | | 0.06 |
| Water Mill | 8 | 6 | | | | | | | | 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