



# 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 17, 2024

Location	Accumulated <u>GDD</u> base 50°F from March 1, 2024	Accumulated <u>GDD</u> 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			<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, 2024	Max. Temp. °F	Min. Temp. °F	Accumulated GDD base 50°F from March 1, 2024		
Farmingdale	91	133	63							0.04	N/A
Hampton Bays	As of 4/14, 27									N/A	
Islip	71	115	53							0.04	N/A
Jamesport	63	123	53	58	54	69	57	55	66	0.06	
NYC - Central Park	161	198	123							0.02	N/A
NYC - JFK	100	120	68							0.06	N/A
Riverhead	80	125	60							0.00	
Shirley	68	101								0.08	N/A
Westhampton											N/A
Water Mill	31	55								0.02	

**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

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