



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 14, 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	64	102	52							0.01	0.08
Hampton Bays	27									0.00	
Islip	48	86	44							T	0.08
Jamesport	43	96	43	55	51	49	54	52	47	T	
NYC - Central Park	121	156	104							0.10	0.11
NYC - JFK	73	92	55							0.01	0.08
Riverhead	51	93	47							0.00	
Shirley	45	72								T	0.08
Westhampton											0.08
Water Mill	16	41								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