



Cornell University

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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 22, 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	3016	3235	3168							0.00	0.09
Hampton Bays	As of 9/18, 2630	2773								0.00	
Islip	3179	3084	3039							0.00	0.10
Jamesport	2899	2953	3006	76	65	3442	74	66	3376	0.00	
NYC - Central Park	3428	3610	3507							0.00	0.08
NYC - JFK	3322	3399	3274							0.00	0.08
Riverhead	3098	3150	3102							0.00	
Shirley	251	3026								0.00	0.09
Westhampton											0.10
Water Mill	N/A	2593								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