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of Suffolk County

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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 29, 2025

Location	Accumulated GDD base 50°F from March 1, 2025	Accumulated 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			Precipitation 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	3172	3341	3281							0.00	0.09
Hampton Bays	2831	2873								0.01	
Islip	3345	3181	3147							0.00	0.09
Jamesport	3048	3055	3115	75	70	3607	74	71	3539	0.00	
NYC - Central Park	3594	3715	3627							0.00	0.09
NYC - JFK	3478	3511	3393							0.00	0.08
Riverhead	3249	3254	3217							0.00	
Shirley	2997	3125								0.00	0.09
Westhampton											0.08
Water Mill	N/A	2693								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