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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 15, 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	2897	3090	3036							0.00	0.10
Hampton Bays	2576	2652								0.01	
Islip	3053	2950	2915							0.00	0.10
Jamesport	2783	2828	2881	79	69	3288	77	70	3203	0.00	
NYC - Central Park	3295	3460	3365							0.00	0.12
NYC - JFK	3197	3239	3133							0.00	0.10
Riverhead	2972	3015	2974							0.00	
Shirley	2753	2895								0.00	0.11
Westhampton											0.11
Water Mill	N/A	2476								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