



Cornell University Cooperative Extension of Suffolk County

Extension Education Center
423 Griffing Avenue, Suite 100
Riverhead, New York 11901-3071
t. 631-727-7850
f. 631-727-7130

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: March 20, 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	29	0	8							0.03	0.03
Hampton Bays	12									0.04	
Islip	22	0	6							0.02	0.04
Jamesport	17	0	7	53	46	14	52	47	11	0.02	
NYC - Central Park	52	4	20							0.01	0.04
NYC - JFK	33	0	9							0.03	0.03
Riverhead	15	0	7							0.00	
Shirley	18	0								0.04	0.04
Westhampton											0.03
Water Mill	12									0.08	

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