



Cornell Cooperative Extension Southwest New York Dairy, Livestock & Field Crops Program
 A partnership between Cornell University and the CCE Associations in these five counties:
 Allegany, Cattaraugus, Chautauqua, Erie, and Steuben.

Field Crop Finds

Compiled by Katelyn Miller (Field Crops Specialist) & John Pirrung (Research Technician)

July 21st, 2026

Growing Degree Days

Growing Degree Days (GDD) is calculated by taking the average daily temperature and subtracting it from the base temperature of a specified plant ($(\text{High} + \text{Low})/2 - \text{base temp} = \text{GDD}$). For corn, we use base 86/50, as corn development starts at 50°F and stops at 86°F.

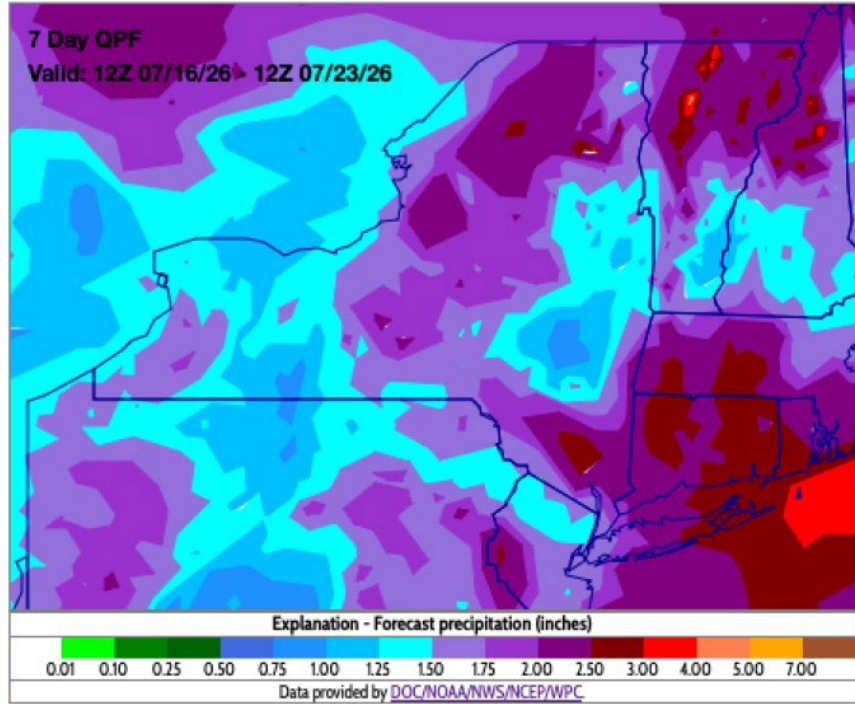
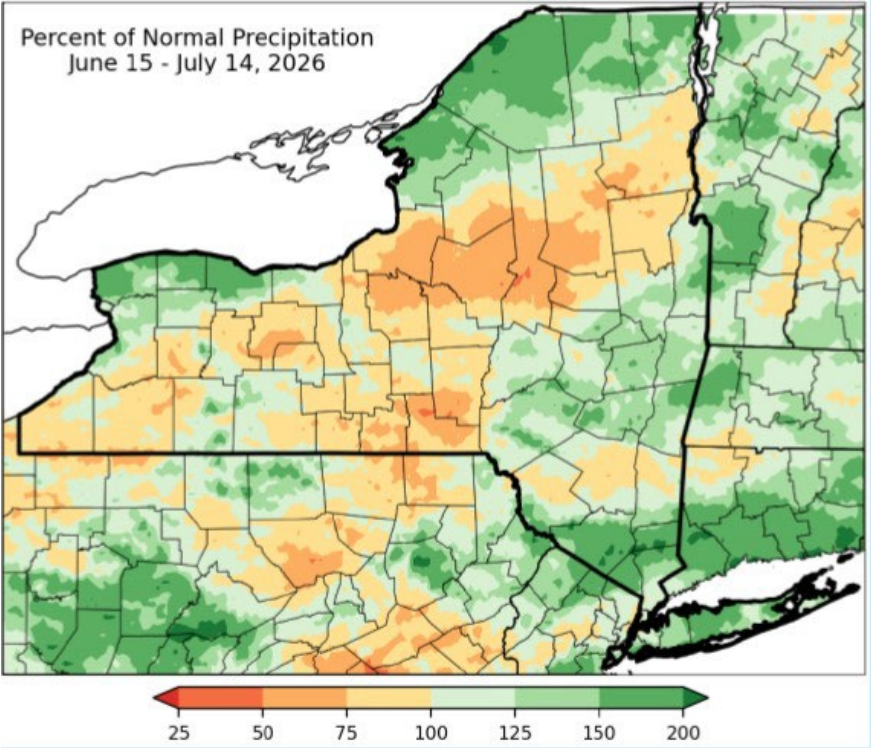
Check your location and planting date:

Location	Geography		Cumulative GDD since May 1		Cumulative GDD since May 15		Cumulative GDD since June 1		Cumulative GDD since June 15	
	Elevation (ft)	Latitude (N)	Current Year	15 Year Avg	Current Year	15 Year Avg	Current Year	15 Year Avg	Current Year	15 Year Avg
Alden	860	42.91	1161	1190	1122	1098	921	874	669	680
East Aurora	906	42.76	1156	1178	1098	1062	900	839	650	648
Eden	830	42.65	1177	1187	1123	1072	928	851	673	657
East Concord	1430	42.55	1070	1070	1023	968	843	767	607	595
Angola	667	42.63	1167	1180	1108	1070	919	853	672	658
Fredonia	725	42.44	1206	1192	1149	1084	947	864	687	663
Mayville	1356	42.25	1094	1089	1045	998	867	784	628	604
Panama	1539	42.07	1042	1044	996	946	828	750	603	578
Jamestown	1372	42.09	1071	1109	1015	1000	835	789	612	603
Cherry Creek	1346	42.29	1070	1112	1020	1005	840	795	610	612
Randolph	1286	42.16	1052	1087	1003	981	821	774	596	595
Cattaraugus	1395	42.33	995	1035	955	937	787	742	567	574
Machias	1673	42.41	1021	1042	973	942	794	745	569	576
Olean	1445	42.07	1101	1121	1043	1008	854	793	620	607
Perrysburg	1311	42.45	1159	1195	1102	1077	906	852	654	655
Belfast	1287	42.34	1104	1110	1043	998	850	785	612	604
Wellsville	1506	42.12	1025	1013	974	914	794	721	575	555
Alfred	1804	42.25	1013	1050	956	948	783	744	562	573
Canaseraga	1255	42.46	1022	1047	971	948	795	749	570	580
Cuba	1496	42.21	1019	1034	968	932	791	734	570	566
Hornell	1146	42.32	1062	1090	1008	983	821	774	589	595
Woodhull	1333	42.07	1032	1057	980	953	799	751	577	580
Corning	931	42.14	1001	975	951	885	774	701	564	545
Bath	1106	42.33	1051	1078	997	973	816	766	590	592
Hammondsport	754	42.41	1082	1106	1028	998	842	787	609	608

*GDDs accumulated as of 7/17

Field Observations

Much of SWNY hasn't been getting its normal amount of precipitation, sitting around 75% of usual. We got a touch of rain this weekend, but it looks like we'll be getting some more tomorrow with some storms in the forecast. I have been seeing corn starting to roll from drought stress, plenty of sidedressing happening, and some fields tasseling.



It's the time of year that summer seedings are starting to go in. One of the largest challenges of seeding down fields this time of year is managing moisture, both from what's available in the soil and predicted rainfall. If soil conditions are dry, it's often best to delay planting until soil moisture is available.

Also, this time of year I am getting questions about controlling weeds in pastures/hayfields. I wrote an article on this some time ago that I figured I would reshare:

<https://swnydlfc.cce.cornell.edu/submission.php?id=1919&crumb=fieldxxcrops|22>.

Our **Risk Assessment Field Day** in Hamburg is this Thursday, July 23rd. Don't miss out on a free lunch and 2.25 DEC credits! Register at <https://tinyurl.com/IPMFieldDayHamburg> or give me a call. Hope to see you there!

**IPM Strategies to Protect Corn and Soybean Seed in
New York State**

- Pollinator Discussion
 - Drone Demonstration
 - NEWA Weather Stations
 - Research Trials
- When:** Thursday, July 23rd
Time: 10:00 AM - 1:00 PM
Where: Zittel's Family Farm
7226 Taylor Road, Hamburg,
NY 14075

Cornell Cooperative Extension
Southwest NY Dairy, Livestock and Field Crops Program

Cornell IPM
New York State Integrated
Pest Management

**2.25 DEC credits in 1a,
4, 10, 21 & 2.5 CEU's**

Register: <https://tinyurl.com/IPMFieldDayHamburg>
or call Katelyn Miller at 716-640-2047

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