

Plant Health Care Report



Scouting Report of The Morton Arboretum

Aug 27, 2021

Growing Degree Day/Weather issue

This is the last growing degree day/weather issue for 2021. There will be two more full issues published on Sept 10 and Sept 24.

Degree Days and Rainfall

As of Aug 26, we have 2445 base-50 growing degree days (GDD) at The Morton Arboretum. The historical average (1937-2020) for this date is 2302 GDD₅₀.

Location	GDD as of 8/26/21	GDD as of 8/27/20	GDD as of 8/27/15	GDD as of 8/28/14
Carbondale, IL*	3113	No issue	3236	No issue
Champaign, IL*	2718	No issue	2787	No issue
Chicago Botanic Garden	2604	No issue	2012	No issue
Glencoe*	2067	No issue	No report	No issue
Chicago O'Hare*	2665	No issue	2482	No issue
Kankakee, IL*	2555	No issue	2454	No issue
Lisle, IL*	2659	No issue	No report	No issue
The Morton Arboretum	2445	No issue	2170	No issue
Quincy, IL*	2869	No issue	2919	No issue
Rockford, IL*	2462	No issue	2140	No issue
Springfield, IL*	2813	No issue	2893	No issue
Waukegan, IL* (60087)	2421	No issue	2107	No issue
Waukegan, IL* (60085)	2534	No issue	No report	No issue

*We obtain most of our degree day information from the GDD Tracker from Michigan State University web site. For additional locations and daily degree days, go to <https://gddtracker.msu.edu/>

Seasonal precipitation (rain and melted snow) in inches.			
	2021	2020	average
Jan	1.5	2.14	1.952
Feb	1.49	.85	1.769
Mar	1.24	4.15	2.536
April	1.39	4.37	3.692
May	3.34	8.24	4.194
June	6.57	4.91	4.190
July	2.04	2.87	3.893
Aug	1.73 (as of 8/26)	1.1	3.802
Sept			
Year to date	19.3 (as of 8/26)	28.63 (as of 8/31)	26.03 (as of 8/31)

Soil temperatures around Illinois (from Illinois State Water Survey)

For more data go to <https://www.isws.illinois.edu/warm/soil/> (you will need to set up an account to access data.)

Max. Soil temps For Aug 26, 2021*	St. Charles reporting station (north)	Champaign reporting station (central)	Carbondale reporting station (south)
2-inch, bare soil	93.1	86.4	105.8
4-inch, bare soil	89.1	88	94.8
4-inch, under sod	84.7	83.8	88.1
8-inch, under sod	78.9	81.4	82.5

* This is the maximum soil temperature recorded the day prior to publication of PHCR.



Copyright © 2021 The Morton Arboretum

[Bartlett Tree Experts, Plant Clinic sponsor.](#)