

Plant Health Care Report

Scouting Report of The Morton Arboretum

Aug 12, 2022

Growing Degree Day/Weather issue

What indicator plant is in bloom at the Arboretum?

Rose of Sharon (*Hibiscus syriacus*) is in flower (fig. 1)



Accumulated Growing Degree Days (Base 50): 2135 (as of Aug 11)

Figure 1 Rose of Sharon (photo:John Hagstrom)

Degree Days and rainfall

As of Aug 11, we have 2135 base-50 growing degree days (GDD) at The Morton Arboretum. The historical average (1937-2021) for this date is 1972 GDD₅₀.

Location	GDD as of 8/11/2022	GDD as of 8/12/21	GDD as of 8/13/15	GDD as of 8/14/14
Carbondale, IL*	2963	2725	2941	No issue
Champaign, IL*	2461	2357	2491	No issue
Chicago Botanic Garden**	2102	2264	1760 (8/12)	No issue
Glencoe*	1678	1723	No report	No issue
Chicago O'Hare*	2283	2302	2183	No issue
Kankakee, IL*	2190	2207	2173	No issue
Lisle, IL*	2304	2296	No report	No issue
The Morton Arboretum	2135	2104	1891	No issue
Quincy, IL*	2586	2501	2624	No issue
Rockford, IL*	2050	2129	1866	No issue
Springfield, IL*	2538	2449	2601	No issue
Waukegan, IL* (60087)	1982	2083	1825	No issue
Waukegan, IL* (60085)	2092	2184	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/>. **Thank you to Chris Henning, Chicago Botanic Garden, for supplying us with this information.

Seasonal precipitation (rain and melted snow) in inches.			
	2022	2021	Historical average (1937-2021)
Jan	1	1.5	1.946
Feb	2.61	1.49	1.765
Mar	3.88	1.24	2.520
April	3.88	1.39	3.665
May	6.1	3.34	4.18
June	2.51	6.57	4.2
July	5.7	2.04	3.87
Aug	.84 (as of 8/11)	2.12 (whole month)	3.78 (whole month)
Sept			
Year to date	26.52 (8/11)	19.69 (Jan thru Aug)	25.95 (Jan thru Aug)

Soil temperatures around Illinois (from Illinois State Water Survey)

This information will be provided all season. For data from other reporting stations, 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 11, 2022*	St. Charles reporting station (north)	Champaign reporting station (central)	Carbondale reporting station (south)
2-inch, bare soil	81	91.3	96.6
4-inch, bare soil	83.5	85.9	88.1
4-inch, under sod	79	81.9	82.3
8-inch, under sod	75.7	78.6	80.9

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



Copyright © 2022 The Morton Arboretum

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