

# Plant Health Care Report

## Scouting Report of The Morton Arboretum

June 21, 2019

Growing Degree Day issue

### What indicator plant is in bloom at the Arboretum?

Northern catalpa (*Catalpa speciosa*) is in flower (fig. 1)

**Accumulated Growing Degree Days (Base 50): 617.5 (as of June 20)**

**Accumulated Growing Degree Days (Base 30): 2374 (as of June 20)**



Figure 1 Northern catalpa (photo: John Hagstrom)

### Degree Days and Weather Information

As of June 20, we have 617.5 base-50 growing degree days (GDD) at The Morton Arboretum. The historical average (1937-2018) for this date is 754 GDD<sub>50</sub>. We get questions about how the GDD differs between Lisle and the Arboretum (which is in Lisle). We addressed this in issue 2 (April 19). To show that this happens elsewhere, we are comparing the GDD in Glencoe to those at the Botanic Garden (which is in Glencoe) and showing the differences at two locations in Waukegan.

Location	B <sub>50</sub> Growing Degree Days Through June 20, 2019	Precipitation (in) June 14-20, 2019
Carbondale, IL*	1332	
Champaign, IL*	1033	
Chicago Botanic Garden**	No report	
Glencoe	326	
Chicago O'Hare*	701	
Kankakee, IL*	818	
Lisle, IL*	739	
The Morton Arboretum	617.5	1.53"
Quincy, IL*	1066	
Rockford, IL*	646	
Springfield, IL*	1075	
Waukegan, IL* (60087)	509	
Waukegan, IL* (60085)	566	

\*\*Chris Henning, Chicago Botanic Garden, supplies us with this information.

\*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 <http://www.gddtracker.net/>



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