

Plant Health Care Report

Scouting Report of The Morton Arboretum



April 24, 2015

Growing Degree Day issue

What indicator plant is in bloom at the Arboretum?

Eastern Redbud (*Cercis canadensis*) is in early flower and serviceberry (*Amelanchier* species) buds are swelling.



Accumulated Growing Degree Days (Base 50): 66.5 (as of April 23)

Accumulated Growing Degree Days (Base 30): 676 (as of April 23)

Degree Days and Weather Information

As of April 23, we are at 66.5 base-50 growing degree days (GDD). The historical average (1937-2013) for this date is 19 GDD₅₀.

Figure 1 Serviceberry flowers

Location	B ₅₀ Growing Degree Days Through April 23, 2015	Precipitation (in) April 17-23, 2015
Carbondale, IL*	291	
Champaign, IL*	182	
Chicago Botanic Garden**	45 (as of 4/22)	.71 in (4/16-22)
Chicago O'Hare*	111	
Kankakee, IL*	131	
The Morton Arboretum	66.5	.49 in
Northbrook, IL**	64.5 (as of 4/22)	.49 in (as of 4/16-22)
Quincy, IL*	236	
Rockford, IL*	83	
Springfield, IL*	222	
Waukegan, IL*	56	

**Mike Brouillard, Northbrook Park District and Chris Beiser, Chicago Botanic Garden, supply 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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