

- Budburst defines the beginning of annual activity in the green food web.
- The date of budburst in sugar maple and beech varies by up to four weeks (4 May to 2 June since 1957).
- The expected date has advanced by 7 days in 60 years.
- Best prediction model as of 2018: budburst at 179 °days > 4 °C after 21 March.

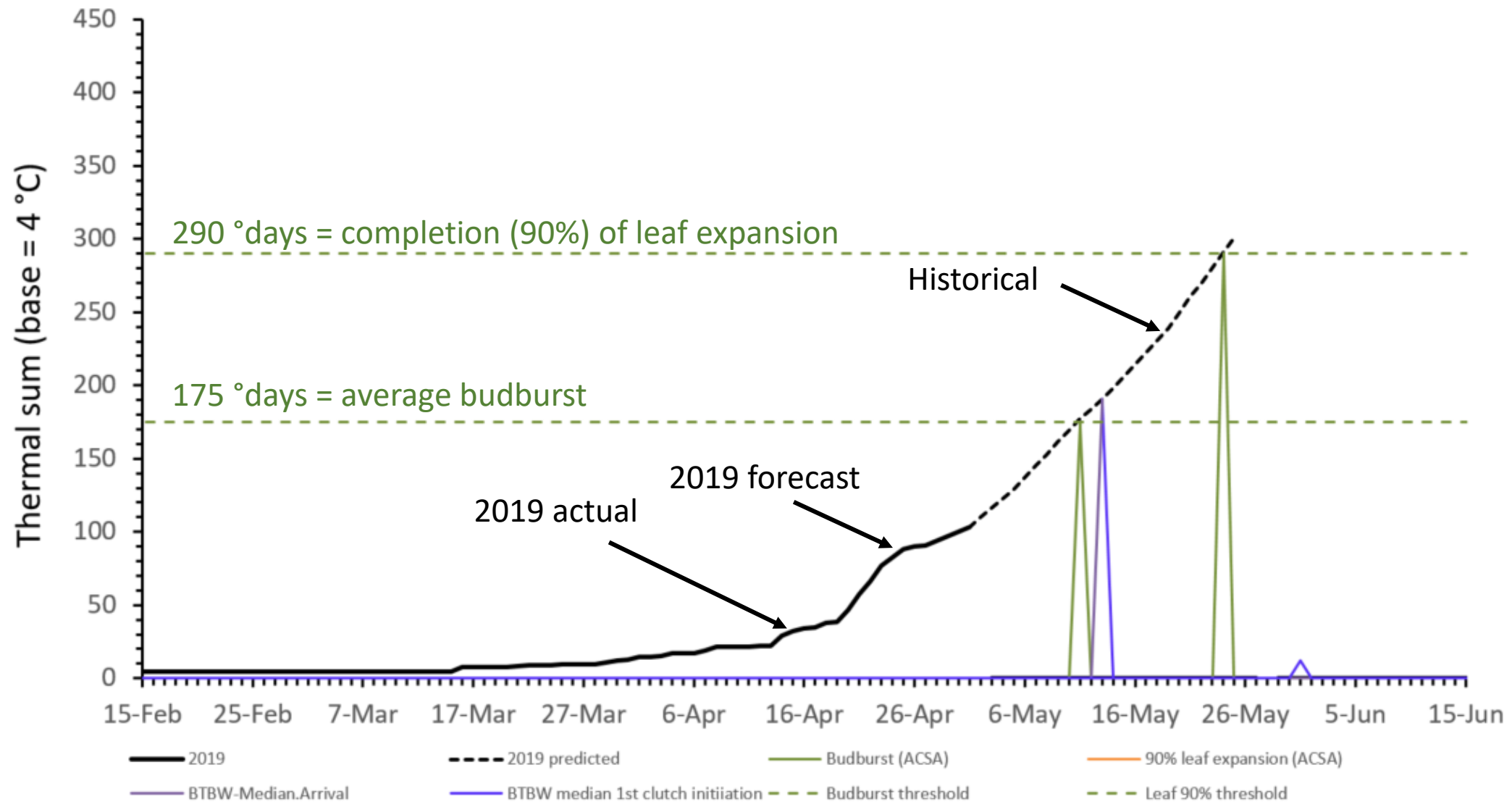
Estimated leaf-out phenology for Main Bird Plot 2019 based on thermal sums.

As of 24 April 2019, predicted dates for budburst and 90% completion of leaf expansion are:

11 May and 24 May.

Predicted median dates of Arrival and 1st clutch initiation by BTBW are:

13 May and 31 May.



[Based on Lany et al. 2015.](#)