

The “mingan_flower_data” dataset were obtained through a public dataset. The first dataset contained annual first flowering dates for the five plant species *Clintonia borealis*, *Saxifraga oppositifolia*, *Dryas integrifolia*, *Arctostaphylos uva-ursi*, and *Rhododendron groenlandicum* from 2004 to 2017 on various islands at Mingan Archipelago National Park Reserve in Quebec. The data recorded the first flowering date for each species every year across 23 stations and was collected by Parks Canada “PlantWatch” program, available publicly, online at <https://open.canada.ca/data/en/dataset/34347f5c-3a07-49ed-aadf-f1c65f8c6685>.

Description of Columns:

- **Island_identification_code**: the identification code of 4 islands, which are FANT, MARP, HAVR, and MARG, in Mingan, Quebec
- **Island**: names of 4 islands, which are Ile du Fantome, Ile du Havre, Grosse Ile au Marteau, and Petite Ile au Marteau, in Mingan, Quebec
- **station_name**: names of 23 stations located on 4 islands in Mingan, Quebec
- **species_name**: names of 5 species, which are *Clintonia borealis*, *Saxifraga oppositifolia*, *Dryas integrifolia*, *Arctostaphylos uva-ursi*, and *Rhododendron groenlandicum*, in Mingan, Quebec
- **survey_year**: the year the survey was in the field
- **flowering_date**: the first flowering date of the species in date
- **day**: the first flowering date of the species in number of days