

## Comments regarding the 2019 Lake Morey Map Changes

First off, we recognize Marjie and Bill Scott for the two-plus *decades* they spent maintaining, updating and further developing our beloved Lake Morey map! It has been because of their attention, imagination and courage that the map has evolved to be what it has become, currently known as the "Blue" map around town. We all appreciate and love the changes that have taken place over the years. Again, thank you Marjie & Bill.

The old maps (2012 and before) were based on artwork first published in 1897. The overall area (the land area) included in this first map - along with the drawing rendition of the lake itself - have remained the same over these 115 years. The maps of the earlier years were produced with technology that was available at the time. At some time after the 1960's, the map's physical size itself (not the depicted area) was reduced to accommodate different printing technology, technology used through the 2012 edition. With the printing company that has produced these maps over these recent years going out of business (in 2017), and with the advent of more modern mapping information technology (including satellites, and LIDAR technology), it was time to "re-do" the map from scratch. And that's what's been done with this 2019 release.

With this brief introduction and background, the following provides explanation regarding changes made:

- \* The size of recent maps' borders was 13" wide by 19¾" tall. The new map, trying to include as many features as possible and yet keeping it from becoming too crowded, is 14½" wide by 19¾" tall.
- \* Note the addition of street addresses associated with each property owner.
- \* Note the addition of the shadowing of the Palisades (based on LIDAR imagery).
- \* Note the addition of the hiking trails.
- \* Note that every business in Fairlee is noted – in a consistent way (. . . even the ice-cream stand). Also, note the various locations in Orford identified.
- \* Note the correct path of Interstate 91. (The previous maps had it wrong . . .)
- \* Note that the image of every structure is located nearly exactly where it should be. Note the addition of driveways when driveways are prominent or important.
- \* Note the addition of wet lands.
- \* Note that the lake is officially (according to the State of Vermont Center for Geographic Information) 551.7 acres big. ! (Actually, calculations show it is 551.72 acres big.) This calculation is based on satellite imagery and LIDAR imagery, along with lot line surveys and description information. I've checked and re-checked this several times and this 551.7 number appears to be more accurate than the previous 538 acres number. So, who to believe? Looking at this most up-to-date info, the 551.7 acres number seems to be correct.
- \* Note that the seven brooks with the greatest water flows into the lake (Glen Falls Brook, Big Brook, Rutledge Inn Brook, Pavilion Brook, Aloha Manor Brook, Bonnie Oaks Brook and Pine Brook) are identified and illustrated - along with their comparable flow rates (cubic feet per minute average throughout the year).
- \* Note the added information that appears on the lake-body itself, including the lakeshore perimeter length, the road loop around-the-lake length, the length-of-the-lake distance, and the maximum depth.

- \* Note that the second loon has come to be with the other one . . .
- \* Note the castle (. . . everyone loves a castle . . .).
- \* Note that the "Aunt Sally" steamboat has been launched and can be seen sailing in the southern part of the lake. (. . . It floats!)
- \* Note the identification of the old riding school barn.
- \* Note the changes in the Samuel Morey write-up in the lower-right corner. Rather than perpetuating only what was written initially in 1897 about his steamboat (if you think about it, in 1897, a steamboat was probably something that was pretty important), considering the past 120+ years of the development of the gasoline-powered automobile (a development just beginning in 1897), there is included information about a far more important contribution attributable to Samuel Morey – the invention of the gas (gasoline) powered internal combustion engine (the gasoline engine!!!) Steam boat? – eh. The gasoline engine – THIS is the accomplishment needing recognition. And it's now there included on our map (. . . along with, by the way, mention of his steam boat).
- \* Note that the Samuel Morey bridge (1938) . . . is not particularly "new" any more (thus this notation was deleted).
- \* Note that the actual location of Sawyer's Mountain happens to be *way* off the map – and on the other side of the interstate. While the trail to Sawyer's Mountain is identified as such, the Sawyer's Mountain notation itself has been deleted.
- \* Note that the size of "THE CALL" has been reduced. Historically, this block had been used to map out hiking trails in the general region between Bald Top Mountain and Mount Cube, and the block size was needed for the trail details. The "THE CALL" block has been reduced to make room for other information.
- \* Note the addition of the "Sunrise - Midday Sun - Sunset" block of information. We all love our sunrises and sunsets - and watching them progress southward across the mountains as summer progresses. This chart should be a fun reference during whatever season we're present here at the lake. (Note also that this information is based on the latitude and longitude of specifically Lake Morey.)
- \* Note the new compass rose (upper-right corner). Note the shift in our magnetic-north from what it was in 1934 to current (2018) data – a shift of 1/5 of a degree (12 minutes)! Our planet is shifting on us – watch out!!
- \* Note the exact location of the peak of Echo Mountain and the exact location of the peak of Morey Mountain has been identified – along with the up-dated elevations.
- \* Note that the trains passing through town no longer carry passengers to Boston or New York. The tracks to Boston have been pulled, and you have to drive to White River Junction to catch the train to New York (. . . which, by the way, is a great trip!).

In general, this has been a fun project. I do hope people enjoy this map as much as I have researching it and putting it together.

Smith Reed, 2019

Fairlee, Vermont