

Squam Lakes Natural Science Center  
Lake Education Data  
2008

| Date       | Location   | Secchi Depth (m) | Surface Temp (Degrees C) | Depth Surface Sample (m) | Middle Temp (Degrees C) | Depth Middle Sample (m) | Bottom Temp (Degrees C) | Depth Bottom Sample (m) | Surface pH | Middle pH | Bottom pH | Surface Dissolved Oxygen (ppm) | Middle Dissolved Oxygen (ppm) | Bottom Dissolved Oxygen (ppm) | Water Hardness (ppm) |
|------------|------------|------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------|-----------|-----------|--------------------------------|-------------------------------|-------------------------------|----------------------|
| 5/1/2008   | Evans Cove | 5.1              | 7                        | 1                        |                         |                         | 5.5                     | 20                      | 6.7        |           | 6.3       | 11                             |                               | 9                             | 8                    |
| 5/6/2008   | Evans Cove | 5.7              | 10                       | 1                        | 8                       | 8                       | 8                       | 19                      | 6.8        |           | 5.6       | 11                             | 9                             | 10                            | 10                   |
| 5/6/2008   | Evans Cove | 5.9              | 9                        | 1                        | 9                       | 6                       | 8                       | 18                      | 6.8        | 6.7       | 6.3       | 12                             | 11                            | 10                            | 13                   |
| 5/7/2008   | Evans Cove | 5.6              | 11                       | 1                        | 10                      | 6                       | 8                       | 19                      | 6.5        | 5.85      | 6.85      | 11                             |                               | 12                            | 10                   |
| 5/7/2008   | Evans Cove | 6.7              | 10                       | 1                        | 10                      | 6                       | 8                       | 17                      | 6.5        | 6.8       | 6.5       | 11                             | 12                            | 13                            | 9                    |
| 5/8/2008   | Evans Cove | 6.1              | 12                       | 1                        | 10                      | 6                       | 8                       | 18                      | 6.6        | 6.7       | 5.9       | 12                             | 11                            | 12                            | 8                    |
| 5/8/2008   | Evans Cove | 5.1              | 12                       | 1                        | 10                      | 6                       | 8.5                     | 17                      | 6.7        | 6.7       | 6.7       | 12                             |                               |                               |                      |
| 5/9/2008   | Evans Cove | 5.8              | 11                       | 1                        | 9                       | 6                       | 10                      | 18                      | 6.5        | 6.5       | 6.5       | 9                              | 12                            | 12                            | 15                   |
| 5/9/2008   | Evans Cove | 6.2              | 13                       | 1                        | 10                      | 6                       | 9                       | 19                      | 6.4        | 6.7       | 6.2       | 8                              | 12                            | 11                            | 11                   |
| 5/12/2008  | Evans Cove | 6.1              | 12                       | 1                        | 11                      | 6                       | 8                       | 19                      | 5.5        | 6.6       | 6.2       | 8                              | 9                             | 7                             | 12                   |
| 5/12/2008  | Evans Cove | 5.6              | 13                       | 1                        | 12                      | 6                       | 8                       | 17.5                    | 5.6        | 6.7       | 6.7       | 12                             | 11                            | 10                            | 13                   |
| 5/13/2008  | Evans Cove | 6.1              | 14                       | 1                        | 11                      | 6                       | 8                       | 17.5                    | 6.8        | 6.5       | 6.3       | 12                             | 11                            | 11                            | 11                   |
| 5/13/2008  | Evans Cove | 6.2              | 14                       | 1                        | 13                      | 6                       | 10                      | 16                      | 6.8        | 6.8       | 6.1       | 12                             | 12                            | 9                             | 10                   |
| 5/14/2008  | Evans Cove | 5.2              | 14.5                     | 1                        | 10                      | 6                       | 7.5                     | 19                      |            |           |           |                                |                               |                               |                      |
| 5/14/2008  | Evans Cove | 5.9              | 14.5                     | 1                        | 10                      | 6                       | 7.5                     | 17                      |            |           |           |                                |                               |                               |                      |
| 5/15/2008  | Evans Cove | 5.3              | 14.5                     | 1                        | 11                      | 6                       | 6                       |                         |            |           |           |                                |                               |                               |                      |
| 5/15/2008  | Evans Cove | 6.1              | 15                       | 1                        | 10                      | 6                       | 7                       | 17                      |            |           |           |                                |                               |                               |                      |
| 5/19/2008  | Evans Cove | 5.2              | 15                       | 1                        | 10                      | 6                       | 9                       | 10                      |            |           |           |                                |                               |                               |                      |
| 5/20/2008  | Evans Cove | 5.2              | 16                       | 1                        |                         |                         | 10                      | 17.5                    | 6.7        |           | 6.6       | 14                             |                               | 11                            | 8                    |
| 5/22/2008  | Evans Cove | 5.7              | 14.5                     | 1                        | 11.5                    | 6                       | 7.5                     | 18                      |            |           |           |                                |                               |                               |                      |
| 5/22/2008  | Evans Cove | 5.7              | 15.5                     | 1                        | 12                      | 6                       | 7                       | 19                      |            |           |           |                                |                               |                               |                      |
| 5/27/2008  | Evans Cove | 7.3              | 17.5                     | 1                        | 14.5                    | 6                       | 9                       | 18                      |            |           |           |                                |                               |                               |                      |
| 5/27/2008  | Evans Cove | 5.3              | 16                       | 1                        | 11                      | 6                       | 9                       | 15                      |            |           |           |                                |                               |                               |                      |
| 5/28/2008  | Evans cove | 6.4              | 15.5                     | 1                        | 13                      | 6                       | 8                       | 17                      |            |           |           |                                |                               |                               |                      |
| 5/28/2008  | Evans Cove | 6.9              | 15                       | 1                        | 12                      | 6                       | 8                       | 15                      |            |           |           |                                |                               |                               |                      |
| 5/29/2008  | Evans Cove | 5.9              | 16                       | 1                        | 14.5                    | 6                       | 8                       | 17                      |            |           |           |                                |                               |                               |                      |
| 5/29/2008  | Evans Cove | 6                | 17.5                     | 1                        | 12.5                    | 6                       | 9                       | 11                      |            |           |           |                                |                               |                               |                      |
| 6/5/2008   | Evans Cove | 6.7              | 17.5                     | 1                        | 14.5                    | 6                       | 9                       | 17                      |            |           |           |                                |                               |                               |                      |
| 6/5/2008   | Evans Cove | 6.7              | 17.5                     | 1                        |                         |                         | 7.5                     | 17                      | 6.9        |           | 6.3       | 9                              |                               | 10                            | 8                    |
| 6/10/2008  | Evans Cove | 6.3              | 24.5                     | 1                        | 17.5                    | 6                       | 9.5                     | 19                      |            |           |           |                                |                               |                               |                      |
| 6/11/2008  | Evans Cove | 6.2              | 22                       | 1                        | 16.5                    | 6                       | 8.5                     | 18                      |            |           |           |                                |                               |                               |                      |
| 6/12/2008  | Evans Cove | 6.2              | 22                       | 1                        | 16                      | 6                       | 7.5                     | 19                      |            |           |           |                                |                               |                               |                      |
| 6/19/2008  | Evans Cove | 6.5              | 21.5                     | 1                        | 15.5                    | 6                       | 9.5                     | 18                      |            |           |           |                                |                               |                               |                      |
| 6/19/2008  | Evans Cove | 6.6              | 22                       | 1                        | 16.5                    | 6                       | 9                       | 18                      |            |           |           |                                |                               |                               |                      |
| 6/28/2008  | Evans Cove | 5.4              | 23                       | 1                        | 17                      | 6                       | 10                      | 17                      |            |           |           |                                |                               |                               |                      |
| 7/10/2008  | Evans Cove | 8.1              | 25                       | 1                        |                         |                         | 10                      | 18                      | 5.4        |           | 6.9       | 9                              |                               | 10                            | 6                    |
| 7/11/2008  | Evans Cove | 7.5              | 25                       | 1                        |                         |                         | 9                       | 18                      | 6.9        |           | 6.4       |                                |                               | 5                             | 8                    |
| 8/6/2008   | Evans Cove | 6.75             |                          | 1                        |                         |                         | 9                       | 18                      | 6.9        |           |           |                                |                               | 6                             | 12                   |
| 9/26/2008  | Evans Cove | 4.8              | 18.5                     | 1                        | 19                      | 6                       | 9                       | 15.5                    |            |           |           |                                |                               |                               |                      |
| 9/26/2008  | Evans Cove | 5.6              | 19.5                     | 1                        | 16                      | 6                       | 9.5                     | 17                      |            |           |           |                                |                               |                               |                      |
| 10/16/2008 | Evans Cove | 6.7              | 15                       | 1                        |                         |                         | 9                       | 17                      | 6.75       |           | 6.8       | 10                             |                               | 3                             | 8                    |