



# LAKE OBSERVATIONS BY CITIZEN SCIENTISTS & SATELLITES



## Bangladesh

| Gauge ID | Name          | First Measurement Date | 2019 High (m) | Date    | 2019 Low (m) | Date     | 2019 Change (m) |
|----------|---------------|------------------------|---------------|---------|--------------|----------|-----------------|
| BLH2     | Balashur Haor | 8/31/19                | 2.05          | 10/4/19 | 0.98         | 10/21/19 | 1.07            |
| DKH2     | Dekhar Haor   | 6/23/19                | 2.25          | 7/16/19 | 0.05         | 9/30/19  | 2.2             |
| KRH2     | Korchar Haor  | 5/17/19                | 5.62          | 7/13/19 | 0.61         | 5/21/19  | 5.01            |
| RKH2     | Rarikhal Haor | 8/31/19                | 1.67          | 10/4/19 | 0.66         | 10/21/19 | 1.01            |

## France

| Gauge ID | Name                      | First Measurement Date | 2019 High (cm) | Date     | 2019 Low (cm) | Date     | 2019 Change (cm) |
|----------|---------------------------|------------------------|----------------|----------|---------------|----------|------------------|
| AFR2     | Étang de Fontargente - 1  | 7/2/19                 | 69             | 10/26/19 | 55            | 8/18/19  | 14               |
| BFR2     | Étang de Fontargente - 2  | 7/2/19                 | 64             | 10/26/19 | 49            | 10/13/19 | 15               |
| CFR2     | Étang de l'Estagnol       | 7/3/19                 | 60             | 7/3/19   | 50            | 10/13/19 | 10               |
| DFR2     | Petit Étang de l'Estagnol | 7/3/19                 | 37             | 8/22/19  | 26.5          | 10/13/19 | 10.5             |

## Illinois

| Gauge ID | Name             | First Measurement Date | 2019 High (ft) | Date    | 2019 Low (ft) | Date    | 2019 Change (ft) |
|----------|------------------|------------------------|----------------|---------|---------------|---------|------------------|
| QUL2     | Deep Quarry Lake | 5/29/19                | 1.51           | 5/29/19 | < 0*          | 9/21/19 | 1.51+            |
| DAL2     | Diamond Lake     | 5/16/19                | 2.4            | 11/3/19 | 1.65          | 7/15/19 | 0.75             |
| LNL2     | East Loon Lake   | 5/14/19                | 2.82           | 9/13/19 | 1.3           | 9/9/19  | 1.52             |
| GAL2     | Gages Lake       | 5/13/19                | 1.42           | 9/15/19 | 0.5           | 8/25/19 | 0.92             |
| YSL2     | Grays Lake       | 5/13/19                | 2.74           | 9/13/19 | 1.94          | 8/12/19 | 0.8              |
| HRL2     | Harrier Lake     | 5/29/19                | 2.24           | 10/6/19 | 1.86          | 8/9/19  | 0.38             |
| HAL2     | Hastings Lake    | 5/14/19                | 2.32           | 9/14/19 | 0.8           | 8/17/19 | 1.52             |
| HKL2     | Herrick lake     | 5/23/19                | 2.82           | 5/29/19 | 0.92          | 9/11/19 | 1.9              |
| LDL2     | Highland Lake    | 5/14/19                | 2.65           | 9/14/19 | 1.59          | 8/15/19 | 1.06             |
| DFL2     | L. Defiance      | 5/15/19                | 2.62           | 9/13/19 | 2             | 6/8/19  | 0.62             |
| KLL2     | L. Killarney     | 5/15/19                | 2.56           | 9/13/19 | 1.73          | 8/4/19  | 0.83             |
| LYL2     | Lily Lake        | 5/15/19                | 2.55           | 10/2/19 | 1.6           | 8/22/19 | 0.95             |
| MPL2     | Maple Lake       | 5/16/19                | 1.68           | 5/30/19 | 1.24          | 8/16/19 | 0.44             |
| MCL2     | McCullom Lake    | 5/15/19                | 1.25           | 9/16/19 | 0.78          | 9/9/19  | 0.47             |
| RDL2     | Round Lake       | 5/14/19                | 1.87           | 9/13/19 | 0.52          | 7/17/19 | 1.35             |
| SLL2     | Silver Lake      | 5/16/19                | 2.18           | 5/31/19 | 1.1           | 9/12/19 | 1.08             |
| TML2     | Timber Lake      | 5/14/19                | 2.5            | 10/3/19 | 1.8           | 8/16/19 | 0.7              |

## Massachussets

| Gauge ID | Name      | First Measurement Date | 2019 High (ft) | Date    | 2019 Low (ft) | Date     | 2019 Change (ft) |
|----------|-----------|------------------------|----------------|---------|---------------|----------|------------------|
| BPA2     | Bell Pond | 6/19/19                | 1.9            | 6/20/19 | 0.85          | 10/15/19 | 1.05             |

\* Water level was above or below the lake gauge, so an accurate measurement could not be made



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### North Carolina

| Gauge ID | Name                        | 1 <sup>st</sup> Measurement Date | 2019 High (ft) |          | 2019 Low (ft) |          | 2019 Change (ft) | Historical High (ft) |           | Historical Low (ft) |          | Historical Change (ft) |
|----------|-----------------------------|----------------------------------|----------------|----------|---------------|----------|------------------|----------------------|-----------|---------------------|----------|------------------------|
|          |                             |                                  |                | Date     |               | Date     |                  |                      | Date      |                     | Date     |                        |
| BTN2     | Bay Tree Lake               | 4/18/17                          | 2.1            | 1/1/19   | 0.56          | 10/13/19 | 1.54             | > 3.33*              | 9/17/18   | 0.46                | 12/5/17  | 2.87+                  |
| CFN2**   | Catfish Lake**              | 9/18/17                          | 1.3            | 1/10/19  | 0.39          | 5/22/19  | 0.91             | 1.3                  | 1/10/19   | 0.39                | 5/22/19  | 0.91                   |
| GRN2     | Great Lake                  | 9/18/17                          | 2.68           | 1/9/19   | 1.44          | 8/21/19  | 1.24             | 2.76                 | 12/20/18  | 1.44                | 8/21/19  | 1.32                   |
| HPN2     | Horsepen Lake               | 9/20/17                          | 3.3            | 3/9/19   | 2             | 7/31/19  | 1.3              | 3.3                  | 3/9/19    | 0.87                | 11/24/17 | 2.43                   |
| JNN2     | Jones Lake                  | 4/18/17                          | 2.13           | 12/27/19 | 0.67          | 8/12/19  | 1.46             | 2.84                 | 9/19/18   | 0.67                | 8/12/19  | 2.17                   |
| BAN2     | L. Baranski                 | 2/27/18                          | 2.49           | 2/22/19  | < 0*          | 9/30/19  | 2.49+            | > 3.33*              | 9/17/18   | < 0                 | 9/30/19  | 3.33+                  |
| VCN2     | L. Mattamuskeet East        | 6/1/17                           | > 3.33*        | 2/28/19  | 1.65          | 8/13/19  | 1.68+            | > 3.33*              | 2/28/19   | 1.48                | 7/28/17  | 1.85+                  |
| MTN2     | L. Mattamuskeet West        | 6/1/17                           | 3.08           | 2/21/19  | 1             | 4/7/19   | 2.08             | 3.25                 | 12/17/18  | 1                   | 4/7/19   | 2.25                   |
| NC1009** | L. Waccamaw**               | 4/18/17                          | 2.24           | 3/11/19  | 2.24          | 3/11/19  | 0                | 2.86                 | 9/16/17   | 1                   | 10/21/17 | 1.86                   |
| DMN2     | L. Waccamaw Dam             | 8/23/17                          | 2.56           | 1/10/19  | 0.7           | 8/1/19   | 1.86             | 2.9                  | 9/16/17   | 0.7                 | 8/1/19   | 2.2                    |
| WCN2     | L. Waccamaw North           | 6/27/18                          | 1.85           | 1/25/19  | 0.42          | 8/5/19   | 1.43             | 3.15                 | 9/26/18   | 0.42                | 8/5/19   | 2.73                   |
| HCN2     | L. Waccamaw West            | 11/15/17                         | 2.2            | 4/20/19  | 0.86          | 7/28/19  | 1.34             | 2.75                 | 12/20/18  | 0.86                | 7/28/19  | 1.89                   |
| FDN2     | Phelps Lake                 | 6/1/17                           | 2.1            | 5/11/19  | 1.4           | 10/10/19 | 0.7              | 2.64                 | 10/24/18  | 1.12                | 3/2/18   | 1.52                   |
| PHN2     | Phelps Lake East            | 1/1/18                           | 11.8           | 1/20/19  | 10.5          | 8/7/19   | 1.3              | 11.8                 | 1/20/19   | 10.5                | 8/7/19   | 1.3                    |
| PRN2     | Prairie Ridge Pond          | 2/24/17                          | 2.8            | 12/19/19 | 2.4           | 5/9/19   | 0.4              | 2.96                 | 1/25/2020 | 0.22                | 4/22/17  | 2.74                   |
| SAN2     | Salters Lake                | 4/18/17                          | 1.66           | 1/9/19   | 0.57          | 8/12/19  | 1.09             | 2.4                  | 9/19/18   | 0.5                 | 12/5/17  | 1.9                    |
| STN2     | Singletary Lake             | 4/18/17                          | 2.04           | 4/6/19   | 1.24          | 10/19/19 | 0.8              | > 3.33*              | 9/22/18   | 1.06                | 12/5/17  | 2.27+                  |
| WHN2     | White Lake                  | 4/18/17                          | 1.18           | 3/9/19   | 1.18          | 3/9/19   | 0                | 1.85                 | 5/3/17    | 1.18                | 3/9/19   | 0.67                   |
| NWN2     | White Lake Goldston's Beach | 12/20/18                         | 2.04           | 1/9/19   | 0.94          | 7/8/19   | 1.1              | 2.1                  | 12/30/18  | 0.94                | 7/8/19   | 1.16                   |

\* Water level was above or below the lake gauge, so an accurate measurement could not be made

\*\* These lake gauges are no longer in the lake



# LAKE OBSERVATIONS

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### Washington

| Gauge ID | Name                | 1st Measurement Date | 2019 High (ft) | Date     | 2019 Low (ft) | Date     | 2019 Change (ft) | Historical High (ft) | Date      | Historical Low (ft) | Date      | Historical Change (ft) |
|----------|---------------------|----------------------|----------------|----------|---------------|----------|------------------|----------------------|-----------|---------------------|-----------|------------------------|
| BEW2     | Beaver Lake         | 9/10/18              | 2.75           | 12/26/19 | 0.48          | 10/8/19  | 2.27             | 3.1                  | 1/25/2020 | 0.02                | 9/30/18   | 3.08                   |
| CLW2     | Coldwater lake      | 6/11/19              | 1.9            | 10/23/19 | 0.4           | 8/8/19   | 1.5              | 2.4                  | 1/25/2020 | 0.4                 | 8/8/19    | 2                      |
| RAW2     | Crabapple Lake      | 6/11/19              | 1.00           | 6/11/19  | 0.02          | 8/26/19  | 0.98             | 1.00                 | 6/11/19   | 0.02                | 8/26/19   | 0.98                   |
| DEW2     | Deep Lake           | 6/13/19              | 1.95           | 10/27/19 | 0.02          | 9/9/19   | 1.93             | 1.95                 | 10/27/19  | 0.02                | 9/9/19    | 1.93                   |
| DGW2     | Dog Lake            | 6/13/19              | 1              | 6/13/19  | 0.72          | 8/21/19  | 0.28             | 1                    | 6/13/19   | 0.72                | 8/21/19   | 0.28                   |
| ECW2     | Echo Lake           | 9/12/18              | 2.95           | 4/15/19  | 0.77          | 9/6/19   | 2.18             | 2.95                 | 4/15/19   | 0.32                | 10/24/18  | 2.63                   |
| FSW2     | Fish Lake           | 6/12/19              | 2.19           | 12/23/19 | 1.25          | 10/3/19  | 0.94             | 2.27                 | 1/22/2020 | 1.25                | 10/3/19   | 1.02                   |
| THW2     | Flowing Lake        | 9/12/18              | 2.46           | 12/22/19 | 0.8           | 8/28/19  | 1.66             | 2.46                 | 12/22/19  | 0.6                 | 9/12/18   | 1.86                   |
| BWW2     | L. Bosworth         | 9/12/18              | 1.65           | 2/22/19  | 0.46          | 8/10/19  | 1.19             | 1.65                 | 2/22/19   | 0.46                | 8/10/19   | 1.19                   |
| CAW2     | L. Cassidy          | 9/12/18              | 2.9            | 1/9/19   | 0.47          | 9/6/19   | 2.43             | 2.9                  | 1/9/19    | 0.47                | 9/6/19    | 2.43                   |
| HWW2     | L. Howard           | 6/11/19              | 1.16           | 6/11/19  | 0.6           | 9/11/19  | 0.56             | 1.16                 | 6/11/19   | 0.6                 | 9/11/19   | 0.56                   |
| KLW2     | L. Ki               | 6/11/19              | 1.02           | 6/11/19  | < 0*          | 11/25/19 | 1.02+            | 1.02                 | 6/11/19   | < 0*                | 11/25/19  | 1.02+                  |
| LAW2     | L. Lawrence         | 9/12/18              | 1.66           | 4/15/19  | < 0*          | 9/6/19   | 1.66+            | 1.66                 | 4/15/19   | < 0*                | 9/6/19    | 1.66+                  |
| XAW2     | L. Lawrence - North | 9/12/18              | 1.64           | 4/15/19  | < 0*          | 9/6/19   | 1.64+            | 1.64                 | 4/15/19   | < 0*                | 9/6/19    | 1.64+                  |
| YAW2     | L. Martha           | 9/14/18              | 2.05           | 3/20/19  | 0.24          | 9/8/19   | 1.81             | 2.2                  | 1/26/2020 | 0.13                | 10/24/18  | 2.07                   |
| RSW2     | L. Roesiger         | 9/12/18              | 2.76           | 12/22/19 | 1.06          | 8/12/19  | 1.7              | 2.76                 | 12/22/19  | 0.98                | 9/12/18   | 1.78                   |
| SAW2     | L. Sammamish        | 9/11/18              | > 3.33*        | 12/23/19 | 1.35          | 9/8/19   | 1.98+            | > 3.33*              | 12/23/19  | 1.07                | 9/11/18   | 2.26+                  |
| WAW2     | L. Washington       | 10/8/18              | 2.34           | 5/27/19  | 0.3           | 12/8/19  | 2.04             | 2.34                 | 5/27/19   | 0.25                | 1/18/2020 | 2.09                   |
| WEW2     | L. Wenatchee        | 9/11/18              | 5.00           | 6/1/19   | 0.36          | 10/5/19  | 4.64             | 5.00                 | 6/1/19    | 0.3                 | 10/11/18  | 4.7                    |
| LEW2     | Leech Lake          | 6/13/19              | 1.1            | 6/13/19  | 0.5           | 9/5/19   | 0.6              | 1.1                  | 6/13/19   | 0.5                 | 9/5/19    | 0.6                    |
| TWW2     | North Lake          | 6/10/19              | 2.28           | 12/25/19 | 0.56          | 9/6/19   | 1.72             | 2.85                 | 1/28/2020 | 0.56                | 9/6/19    | 2.29                   |
| PHW2     | Phantom Lake        | 9/10/18              | 2.56           | 12/21/19 | 0.71          | 9/6/19   | 1.85             | 2.76                 | 1/10/2020 | 0.2                 | 9/10/18   | 2.56                   |
| STW2     | Steel Lake          | 6/14/19              | 2.31           | 12/27/19 | 0.76          | 10/15/19 | 1.55             | 3.03                 | 1/28/2020 | 0.76                | 10/15/19  | 2.27                   |
| BGW2     | Walupt Lake         | 6/12/19              | 1.09           | 6/12/19  | < 0*          | 8/28/19  | 1.09+            | 1.09                 | 6/12/19   | < 0*                | 8/28/19   | 1.09+                  |

\* Water level was above or below the lake gauge, so an accurate measurement could not be made



# LAKE OBSERVATIONS BY CITIZEN SCIENTISTS & SATELLITES



## Definitions

**Gauge ID** – the Unique 4-digit identifier that is found on the sign installed at each lake gauge

**Name** – Lake Name

**First Measurement Date** – The date of the first measurement for the lake as part of the LOCSS project

**2019 High** – The highest reported water level in 2019, measured in meters (m), centimeters (cm) or feet (ft)

**2019 Low** – The lowest reported water level in 2019, measured in meters (m), centimeters (cm) or feet (ft)

**2019 Change** – The difference between the 2019 high and the 2019 low

**Historical High** - The highest reported water level for that lake gauge since the first measurement date. This is measured in meters (m), centimeters (cm) or feet (ft). This column is not listed for gauges that were installed in 2019, as the historical high is the same as the 2019 high.

**Historical Low** - The lowest reported water level for that lake gauge since the first measurement date. This is measured in meters (m), centimeters (cm) or feet (ft). This column is not listed for gauges that were installed in 2019, as the historical low is the same as the 2019 low.

**Historical Change** - The difference between the Historical High and the Historical Low

All measurements are current as of 1/29/2020