

## SURFACE WATER ELEVATION

Paddock Lake is a “Kettle” lake formed by glaciers. The lake is 132 acres in size with a maximum depth of 32 feet and has an approximate water volume of 1,281 (acre feet). The lakes watershed is approximately 265 acres in size.

The lake drains from an outfall (spillway) located in the Southeast corner of the lake. This spillway has an intermittent flow of lake water, with a surface elevation of 794.2. Generally, the stream flows during spring and summer months, but often ceases to flow water out of the lake in July and August.

The lake surface water elevation is monitored weekly, below lists the **2021 and 2022** lake’s surface water elevations using National Geodetic Vertical Datum of 1929 (NGVD 29), previously referred to as Sea Level datum of 1929.

### **2022 SURFACE WATER ELEVATION**

<b>DATE</b>	<b>WEEKLY PRCIPITATION</b>	<b>NGVD DATUM ELEVATION</b>
March 15, 2022	.21 inches	793.94
March 28, 2022	1.6-inches	794.16
April 4, 2022	1.3-inches	794.21
April 11, 2022	1.7- inches	794.49
April 18, 2022	1.3- inches	794.54
April 26, 2022	1.8-inches	794.61
May 2, 2022	1.9- inches	794.69
May 9, 2022	1.4-inches	794.78
May 16, 2022	.63 inches	794.66
May 31, 2022	1.9-inches	794.62
June 6, 2022	.42 inches	794.53
June 13, 2022	.69 inches	794.58
June 20, 2022	.35 inches	794.51
July 5, 2022	.55 inches	794.54
July 11, 2022	.31 inches	794.50
July 26, 2022	.50 inches	794.42
August 1, 2022	.23 inches	794.38
August 8, 2022	.86 inches	794.41
August 15, 2022	.36 inches	794.25
August 22, 2022	.55 inches	794.17
August 29, 2022	1.31 inches	794.27
Sept. 6, 2022	.36 inches	794.17
Sept. 12, 2022	4.4 inches	794.38
Sept. 19, 2022	.43 inches	794.32
Sept. 26, 2022	.89 inches	794.58

### 2021 SURFACE WATER ELEVATION

Date	WEEKLY PRECIPITATION	NGVD DATUM ELEVATION
March 18, 2021	.36 inches	795.1
April 12, 2021	.66 inches	794.65
April 26, 2021	.10 inches	794.5
May 3, 2021	0	794.4
May 18, 2021	.22 inches	794.21
May 24, 2021	.69 inches	794.25
June 1, 2021	.64 inches	794.166
June 14, 2021	.04 inches	793.95
June 21, 2021	1.4 inches	793.94
June 25, 2021		793.88
July 6, 2021	0.1 inches	793.86
July 12, 2021	0.35 inches	793.79
July 19, 2021	0.2 inches	793.73
July 26, 2021	0	793.69
August 2, 2021	0.2 inches	793.59
August 9, 2021	0.1 inches	793.50
August 16, 2021	1.61 inches	793.58
August 23, 2021	.2	793.58
August 30, 2021	1.6	793.78
September 7, 2021	.7	793.62
September 13, 2021	.45	793.5
September 20, 2021	.40	793.46
September 28, 2021	.61	793.33

### Historical Lake Elevations

Historic levels and dates	Elevation
Highest level, April of 1993	797.2
Lowest level, October of 1993	791.3