



Frances Slocum Lake, Luzerne County

Adult Walleye Survey



Area 4 Fisheries Biologist Riley Phelps with a female Walleye collected from Frances Slocum Lake.

Introduction

[Frances Slocum Lake \(link to DCNR Frances Slocum State Park fishing info page\)](#) is 165-acre lake located in [Frances Slocum State Park \(link to DCNR Frances Slocum State Park info page\)](#). The park has numerous amenities including hiking trails, bike trails, hunting, fishing, a swimming pool, and camping. There are two boat launches available, as well as mooring areas and boats are restricted to unpowered boats or boats powered with electric motors only.

The Area 4 Fisheries Management office conducted night-time boat electrofishing at Frances Slocum Lake on April 6th, 2026. The objective of this survey was to assess the success of Walleye stockings (Table 1).

Methods

Night-time boat electrofishing was conducted on the night of April 6, 2026. Electrofishing was conducted for a total of 1.01 hours. Walleyes collected were measured and released.

Table 1: Year, total number stocked, and stocking rates of fingerling Walleyes at Frances Slocum Lake.

Year	Total Number Stocked	Stocking Rate (#/acre)
2011	6,600	40.0
2012	6,600	40.0
2013	6,600	40.0
2014	6,600	40.0
2018	3,300	20.0
2019	9,950	60.3
2020	6,700	40.6
2021	8,300	50.3
2022	3,300	20.0
2023	3,300	20.0
2025	9,900	60.0

Results

A total of 39 Walleyes were collected. Lengths of collected Walleyes ranged from 9 – 27 inches (Table 2, Figure 1), with a catch rate of 38.7 fish per hour. Additionally, a 35-inch, 13-pound Muskellunge was also collected during the night-time electrofishing survey.

Table 2. Total length and catch of Walleyes at Frances Slocum Lake during night-time boat electrofishing on April 6, 2026.

Length (inches)	Catch
9	1
10	0
11	0
12	0
13	0
14	0
15	0
16	1
17	3
18	9
19	6
20	4
21	7
22	2
23	2
24	2
25	1
26	0
27	1
28	0

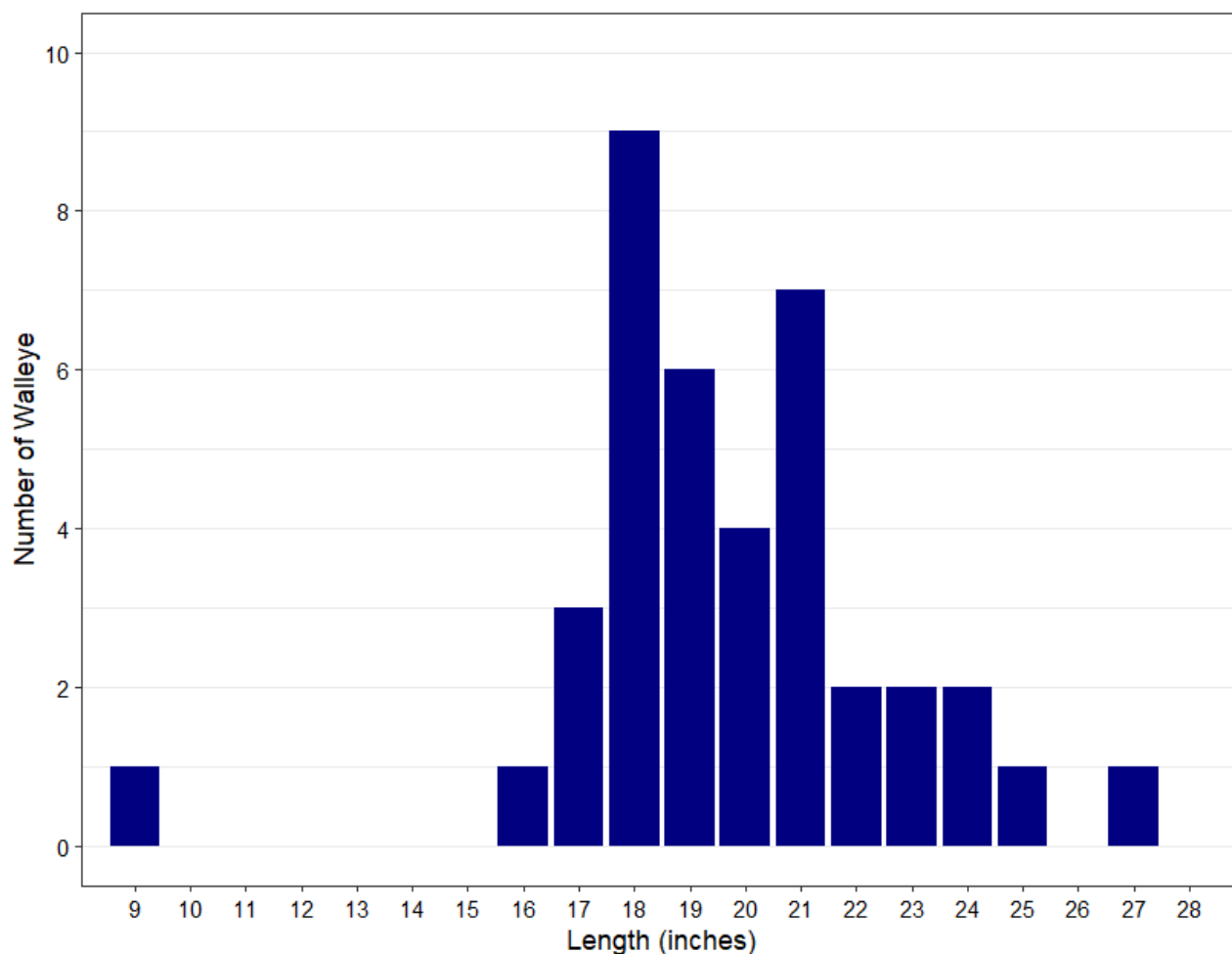


Figure 1. Length-frequency distribution of Walleye collected from Frances Slocum Lake during night-time boat electrofishing on April 6, 2026.

Discussion

All but one of the collected Walleyes were above the 15-inch minimum size limit, and the catch rate met the Inland Walleye plan catch rate objective. Frances Slocum Lake should provide anglers with ample opportunity to catch legal-length Walleyes during the season. Good luck!

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Fisheries Management Area 4