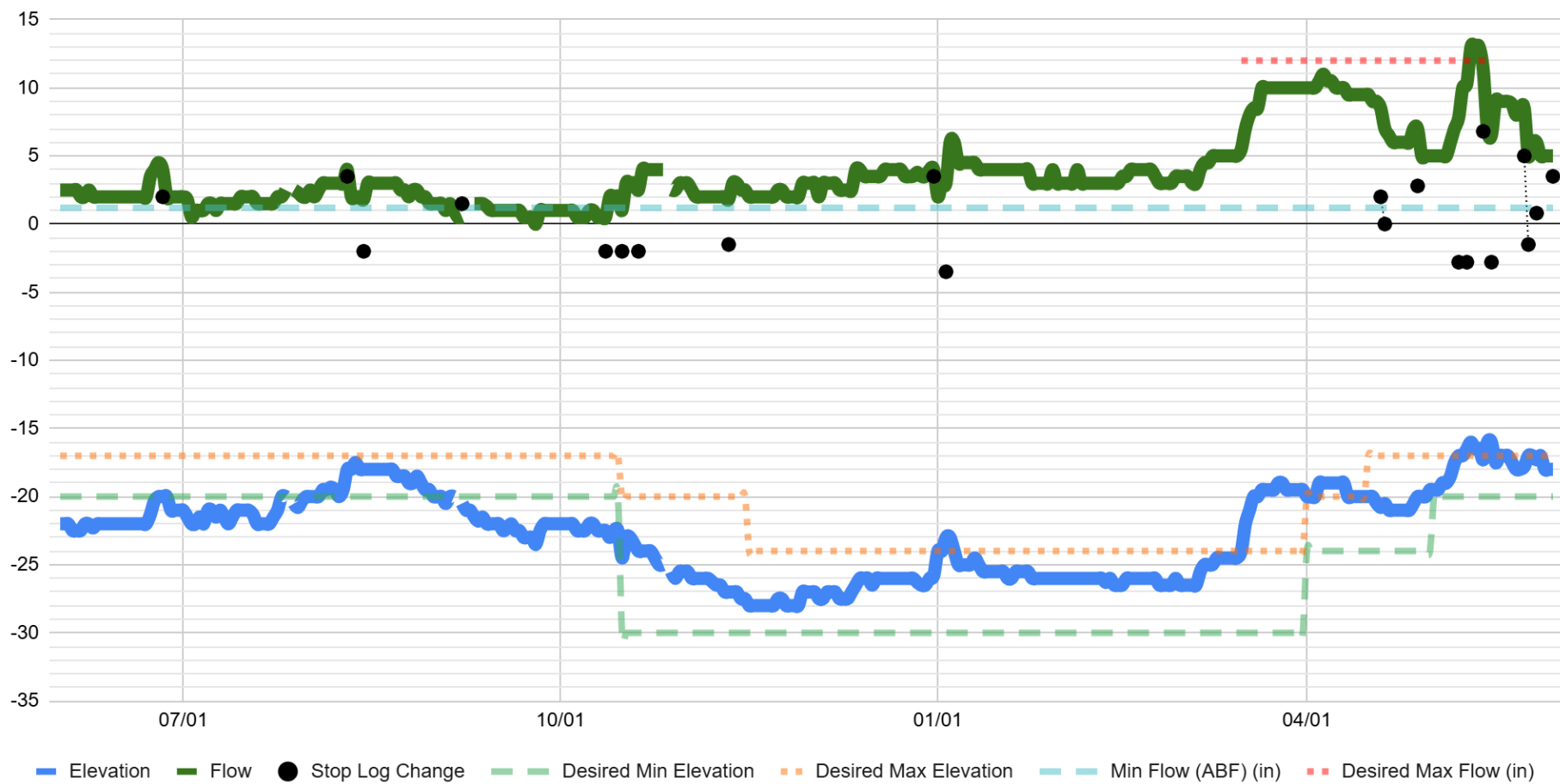


# Thomas Pond Improvement Association

## Dam Keeper's Report and Dam Repair Update June 2025

## FY 2024-25 Thomas Pond Elevation and Flow



# Thomas Pond Dam Keeping Data Summary

1 June 2024 to 31 May 2025

Pond Elevation	2024 Days	2025 Days	01 Jun 24 to 31 May 25
In Range	190	141	237
Near Range ( $\pm 1.5''$ )	45	15	45
Below Range	92	0	62
Above Range	32	15	15

Water Flows Over the Dam	2024 Days	2025 Days	01 Jun 24 to 31 May 25
$\geq$ ABF	295	168	317
$\geq$ Min Elevation/ $<$ ABF	2	0	2
Below Min Elevation & ABF	35	0	35
Over Max Flow	25	3	3

Observation Summary 01 Jun 24 to 31 May 25			
	Count	In Person	Camera
Total Log Entries	416	86	328

Stop Log Adjustments	01 Jun 24 to 31 May 25	
	Times	Total Change
Add Log(s)	9	27.75
Remove Log(s)	11	-26.25

Last Date Stop Logs Adjusted 6/17/2025

Action Summary	
Description	Count
Adjust Stoplogs	20
Clean Rulers	22
Remove Debris	46
Clear Ice/Snow	9
Clean Camera	2
See Notes	10
Other	20



# Dam Conditions



Based on RFP Prep in 2024,  
Hammer Sound testing in Jan 2025,  
and  
Annual Visual Inspection in May 2025





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## Dam is Aging & Requires Maintenance



- The dam is ~ 90 years old
- Last substantial repairs are ~ 33 years old
- Overall Dam Condition: **FAIR**
- Wing walls Condition: **GOOD**



- The dam shows non-trivial deterioration
- Visual & Tap test inspections by engineers indicate:
  - *Not structural*
  - *Repairs are needed*





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# Dam Repair Update

- Knowles Industrial Services selected through competitive procurement
- Sufficient funds raised from Members and Towns
- Contract signed
- No permit required per Maine Title 38 Chapter 3 Subchapter 1 Article 5A Section 480-Q 2-E
- Work Scheduled to begin on **November 3, 2025**
  - **Fall Drawdown of Pond will begin earlier in October and aim for 3" below our normal off-season target**
- Work expected to complete within 3 weeks
  - + Additional time for concrete to cure before normal operations can resume



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