

Summary Report

This report summarizes I-LIDS monitoring and review activity at the boat launch for 2021.

I-LIDS Summary Data

Date Installed	5/6/21
Date De-installed	7/28/21
Videos Captured	4734
Videos Reviewed by ESP	1527
Total Videos Reviewed	1537
Launches counted	239
% of boat launch videos ¹	16%
Suspect AIS Violations	1
Hours of operation	5am - Midnight
Total hours of inspection time	1596

Observations: People are curious about and aware of the camera, with many stopping to look, listen, and read the accompanying sign. Boaters are seen checking and cleaning primarily after retrieval (weeds are spotted on boats exiting the water). An inspector is occasionally visible by the camera, picking up trash, talking to boat owners, and checking over boats prior to launch. Very few boats from out-of-state are noted.

Many false positives due to long grass. The speaker was vandalized in late July to disable audio. Camera stopped operation on 7/28 due to a voltage surge from neighboring property. ESP is working with the District to come up with a plan to upgrade the system so that it is more hardened and can be run off of solar.

Recommendations: Regularly clean lens and trim grass. Convert system to standalone solar/cellular as existing setup causes voltage spikes to disable controller boards.

¹ The number of videos is always greater than the number of launches. If there is a magnetic sensor, it will trigger the camera to look for motion for 120 seconds. During this time, any activity (inspection, tie-downs, people moving, cloud movement, etc.) in front of the camera will trigger another video. Infrequently, the magnetic sensor may trigger randomly, or vehicle movement behind the sensor may set up the camera for additional video capture. If there's no magnetic sensor, the camera simply looks for sufficient motion and will capture a video.

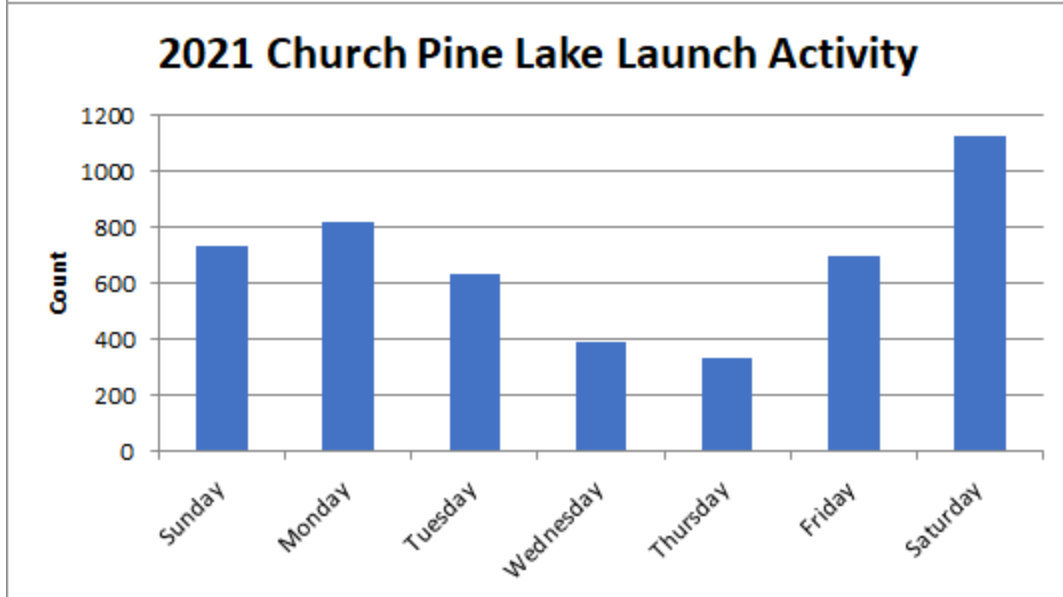
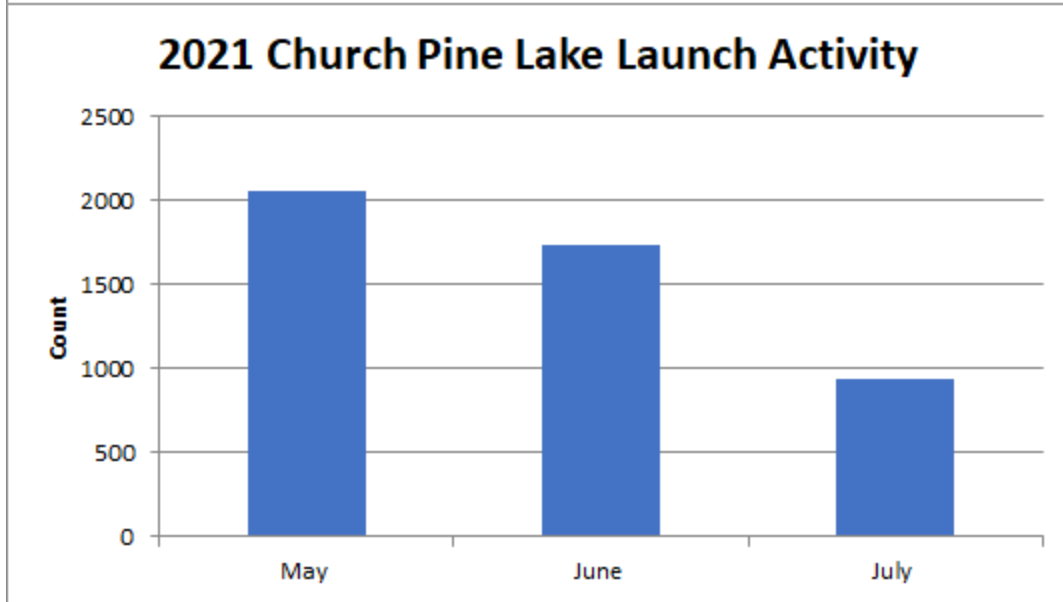
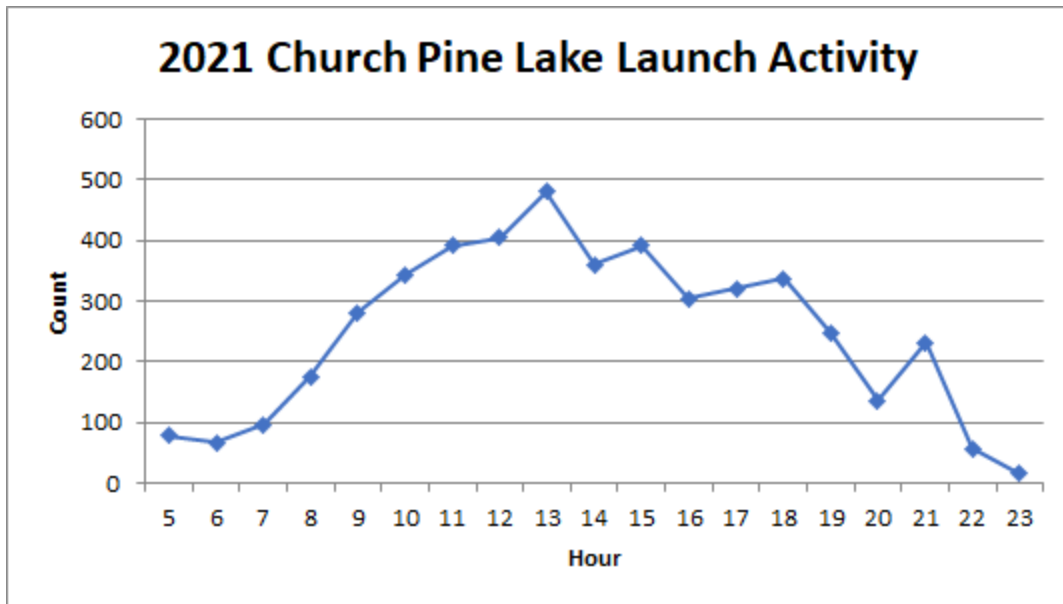
Suspect AIS Violation Reported



Date/Time: 6/19/21 14:43

Boat Description: Four Winds WS 4838 JK

What was seen: Plants are visible on the inside of the left trailer tire. The boater in the first video prepares his boat for launching but does not remove the plants. In the second video at the end the reverse lights are seen indicating that he was about to back the boat into the water. The video does end before we see it enter.



2021 Church Pine Lake Launch Activity

Sum of Count	Day							Grand Total
Hour	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Grand Total
5	5	6	13	3	4	5	43	79
6	9	12	3	6	6	5	27	68
7	8	11	13	21	13	9	22	97
8	30	21	23	10	10	37	45	176
9	21	25	40	24	32	40	99	281
10	51	50	32	32	15	78	86	344
11	56	58	56	39	25	55	103	392
12	53	87	57	25	4	66	113	405
13	52	98	93	46	20	66	106	481
14	60	87	47	12	22	45	88	361
15	83	61	47	34	33	70	64	392
16	47	46	27	35	19	58	73	305
17	74	65	39	19	25	25	74	321
18	70	87	47	15	20	32	67	338
19	45	41	29	21	30	34	48	248
20	13	20	30	10	16	22	25	136
21	36	29	37	27	34	39	30	232
22	12	12	1	11	3	10	8	57
23	4			2	1	3	6	16
Grand Total	729	816	634	392	332	699	1127	4729

Video Review Worksheet

Lake: Church Pine Lake, WI (500/month)

Launch:

July 2021

Date Range for Videos	Date(s) of Review	Reviewer	Videos Captured	Videos Reviewed	Launches Counted	Notes (outages, excessive videos)
6/28 - 7/4	7/2-7/3	Natalie	237	95	16	
7/5 - 7/11	7/8 -7/11	Kaitlyn	237	116	23	
7/12 - 7/18	7/17	Kaitlyn	246	96	23	
7/19 - 7/25	7/23-7/24	Kaitlyn	252	123	22	
7/26 - 8/1	7/26-7/28	Kaitlyn	58	58	8	No videos recorded after 14:44 on 7/28
TOTAL			1030	488	92	

Potential Violations

Date	Time	Boat Desc.	Reg/Lic.	What was seen	2nd review

Notable Videos (Date/Time/What was seen)

Date	Time	What was seen? Why do we care?
7/2	13:27	Good view of boat, trailer and registration.
7/2	13:36	IL boat retrieved
7/3	7:11	Inspector picks up trash at boat launch
7/3	9:47	Inspector talks to boat owner before launch
7/9	13:11	Clear view of boat, trailer, and registration
7/10	12:12	Two men notice camera and one points to it
7/10	13:35	Two kayaks launch
7/11	14:36	Child walks over to camera to check it out
7/17	7:49	IA boat launches
7/17	11:11	Good view of boat registration and trailer
7/17	17:47	Possible weed hanging from trailer
7/23	9:41	Clear view of boat registration and trailer during launch
7/24	8:23	Woman and child pick up trash from the boat launch
7/24	18:02	Girl rides on trailer outside of boat during retrieval from lake
7/24	20:41	Four-wheel drive vehicle drives straight into lake on launch
7/27	15:21	Good view of boat and trailer
7/28	14:38	Person rides on trailer in between boat and vehicle