

Summary Report

This report summarizes I-LIDS monitoring and review activity at the boat launch for 2023.

I-LIDS Summary Data

Date Installed	4/27/23
Date De-installed	10/24/23
Videos Captured	8752
Videos Reviewed by ESP	6646
Total Videos Reviewed	6646
Launches counted	1041
% of boat launch videos ¹	16%
Suspect AIS Violations	0
Hours of operation	5am - Midnight
Total hours of inspection time	3458

Observations: People are curious about and aware of the camera, with many stopping to look, listen, and read the accompanying sign. Some boaters are seen using decon spray and checking/cleaning off weeds primarily after retrieval. Many weeds are spotted on boats exiting the water, so most cleaning must be occurring out of view of the camera. Inspectors are either not present or not seen on camera. Several boats from out-of-state are noted. False positives occur at times due to spiders and foot traffic.

Recommendations: Cleaning lens regularly would help video image quality as can be seen in sample images included showing a season of fingers touching lens. This controller needs repair which ESP will do in off-season.

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.

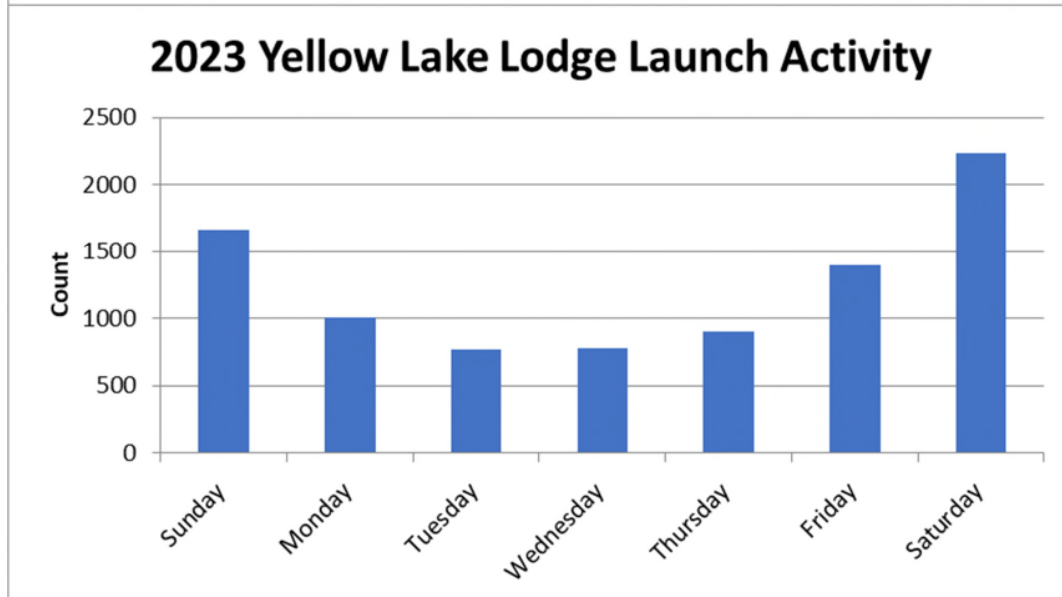
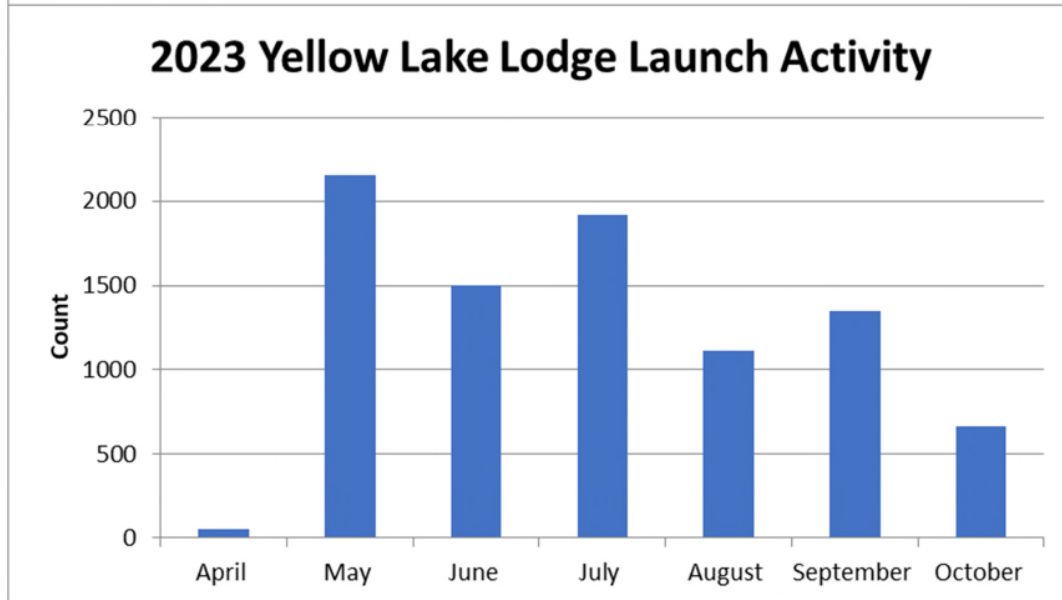
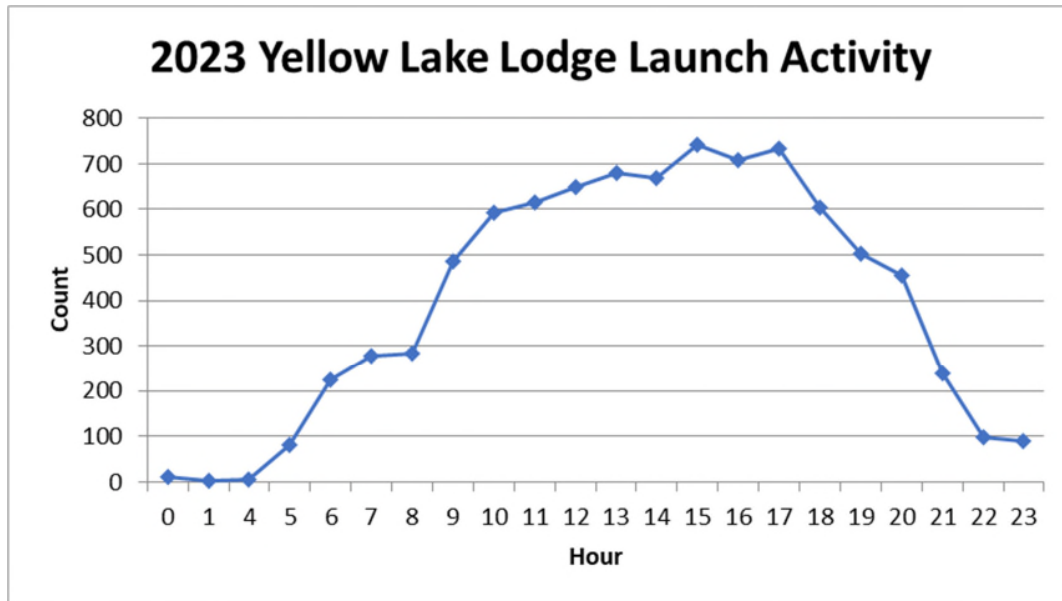
Sample Video Images

Clear image of boat and registration



Decontaminating boat on exit





2023 Yellow Lake Lodge Launch Activity

Sum of Count	Day							Grand Total
Hour	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Grand Total
0	5			1		1	3	10
1				2				2
4		2	1	1	1			5
5	6	10	14	3	5	21	22	81
6	33	20	21	15	34	25	76	224
7	44	35	28	33	34	33	72	279
8	83	41	22	20	15	38	66	285
9	104	43	63	45	37	72	121	485
10	133	56	57	61	55	71	160	593
11	169	76	51	52	49	67	151	615
12	138	77	65	44	77	77	171	649
13	162	69	50	54	65	105	174	679
14	122	65	54	47	52	144	185	669
15	142	93	60	57	75	113	202	742
16	106	89	64	55	82	121	190	707
17	134	94	54	70	88	123	170	733
18	81	63	58	62	65	105	169	603
19	79	50	44	40	63	104	123	503
20	71	72	32	68	48	64	101	456
21	37	32	15	22	45	59	29	239
22	9	9	9	10	7	24	31	99
23	5	12	3	13	6	33	19	91
Grand Total	1663	1008	765	775	903	1400	2235	8749

Video Review Worksheet **Lake:** Yellow Lake, WI (1000/month) **Launch:** Lodge
May 2023 (All videos for May)

Date Range for Videos	Date(s) of Review	Reviewer	Videos Captured	Videos Reviewed	Launches Counted	Notes (outages, excessive videos)
4/24 - 4/30	4/27 - 4/30	Andrea	45	45	9	
5/1 - 5/7	5/1 - 5/5 5/6 - 5/7	Andrea Rhoda	229 255	229 255	47 42	
5/8 - 5/14	5/8-5/14	Rhoda	420	420	77	
5/15 - 5/21	5/15-5/21	Rhoda	420	420	82	
5/22 - 5/28	5/22-5/28	Rhoda	646	646	136	
TOTAL			2015	2015	393	

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?
4/27		Camera installed
4/30	13:13	Boat hits dock as it's trying to launch
5/3	15:59	Man seems to point out camera to another couple
5/3	16:36	Man waves hand in front of camera to trigger it
5/4	13:44	Man stops in front of camera, possibly reading sign
5/5	14:56	Man and woman are both interested in the camera
5/6	5:24	Man looks over at camera while loading up into the boat
5/6	6:11	Man notices camera and walks up to camera prior to launch
5/6	17:45	Indiana boat launch
5/6	20:06	Kid walks up to camera and briefly covers lens with hand
5/10	7:01	Man notices camera prior to launch and points out camera to others in group
5/11	12:33	Man checks over boat after retrieval
5/13	9:29	Woman hears audio and turns to look at camera
5/13	13:53	Two men notice camera prior to launch
5/14	11:13	Woman notices camera and walks over to it
5/15	11:12	Man notices camera and walks over to camera area, possibly reading signs
5/15	17:41	Woman briefly checks underneath the boat before launch
5/18	6:37	Man looks over at camera area prior to launch
5/19	9:17	Lawn care services on site
5/20	11:07	Iowa boat launch
5/20	11:30	Woman looks briefly at camera and signs
5/21	14:47	Woman points out camera to a man and they both stop to check it out
5/22	16:12	Illinois boat launch
5/26	11:06	Iowa boat launch
5/27	10:02	Man notices camera and walk up and waves hand in front of lens

Video Review Worksheet **Lake:** Yellow Lake, WI (1000/month) **Launch:** Lodge
June 2023 (1000/month as of June)

Date Range for Videos	Date(s) of Review	Reviewer	Videos Captured	Videos Reviewed	Launches Counted	Notes (outages, excessive videos)
5/29 - 6/4	5/29-6/4	Rhoda	457	457	79	
6/5 - 6/11	6/8	Rhoda	380	56	10	
6/12 - 6/18	6/17	Rhoda	380	115	26	
6/19 - 6/25	6/19-6/25	Rhoda	237	237	32	
6/26 - 7/2	7/1	Rhoda	539	169	27	
TOTAL			1993	1034	174	

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?
5/29	13:08	Boy walks over to camera and looks around
5/29	17:59	Man checks under the boat prior to launch
6/1	17:47	Good view of boat launch and registration
6/2	10:30	Man inspects boat prior to launch
6/8	11:58	Great view of boat, launch and registration
6/17	12:06	Men look at back of the boat after retrieval
6/17	14:11	Iowa boat launch
6/17	14:34	Good view of boat launch and registration
6/17	18:01	North Carolina boat launch
6/19	14:35	Illinois boat launch
6/22	11:35	Large amount of weeds on boat trailer coming out of lake
6/22	12:04	A group of kids notice and walk up to camera prior to launch
6/24	14:35	Illinois boat exits lake
6/24	18:05	Great view of boat, launch and registration
6/25	15:31	Weeds hanging off trailer coming out of lake
7/1	10:11	Great view of boat and launch
7/1	12:16	Man checks over boat prior to launch
7/1	12:35	Iowa boat launch
7/1		Some false positives due to fireworks

Video Review Worksheet Lake: Yellow Lake, WI (1000/month)

Launch: Lodge

August 2023 (1000/month as of June)

Date Range for Videos	Date(s) of Review	Reviewer	Videos Captured	Videos Reviewed	Launches Counted	Notes (outages, excessive videos)
7/31 - 8/6	7/31,8/3-8/6	Rhoda	410	261	46	
8/7 - 8/13	8/7-8/11,8/13	Rhoda	255	171	35	
8/14 - 8/20	8/19-8/20	Rhoda	258	167	32	
8/21 - 8/27	8/21-8/27	Rhoda	193	193	24	
8/28 - 9/3	8/28-9/1,9/3	Rhoda	324	220	34	
TOTAL			1440	1012	171	

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?
7/31	5:42,20:37	Spider crawling across lens causes many false positives
8/3	15:59	Man walks up to camera and looks around at nearby signs
8/3	17:38	Indiana boat launch
8/4	13:37	Great view of boat, launch and registration
8/7	16:00	Good view of boat and registration
8/8	9:43	Man looks over at camera and then checks over his boat prior to launch
8/8	18:06	Woman and man inspect camera area prior to launch
8/13	6:29	Man walks up to camera area spends some time studying it
8/20	10:31	Spider web debris covers lens
8/20	11:47	Two women notice camera and possibly discuss it
8/22	9:51	Man notices camera while walking to ramp
8/26	13:48	Good view of boat, launch and registration
8/28	13:38	Woman notices camera prior to launch
8/30	18:10	Great view of boat launch and registration
9/1	14:22	IL boat launch
9/1	14:32	Boat falls off trailer while trying to launch
9/3	8:37	Weeds appeared to be hanging however going back it turned out to be a relaunch
9/3	16:46	Woman spends some time spraying and cleaning off boat after retrieval

Video Review Worksheet **Lake:** Yellow Lake, WI (1000/month) **Launch:** Lodge
September 2023 (1000/month as of June)

Date Range for Videos	Date(s) of Review	Reviewer	Videos Captured	Videos Reviewed	Launches Counted	Notes (outages, excessive videos)
9/4 - 9/10	9/4-9/9	Rhoda	325	282	40	
9/11 - 9/17	9/15-9/17	Rhoda	317	220	28	
9/18 - 9/24	9/18-9/24	Rhoda	247	247	27	
9/25 - 10/1	9/25-10/1	Rhoda	273	273	29	
TOTAL			1162	1022	124	

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?
9/4	17:13	Large amount of weeds on boat post retrieval
9/6	10:32	Iowa boat launch
9/8	13:31	Man walks over to camera area and appear to read nearby signs
9/9	8:57	Man removes weeds from boat post retrieval
9/9	11:56	Illinois boat retrieved
9/15	12:52	Two men appear to read nearby signs close to camera
9/15	15:38	Three women notice camera while at boat ramp
9/16	9:24	Two women stop and point out camera while at boat ramp
9/17	17:25	Good view of launch
9/18	12:12	Kid notices camera and reads nearby signs
9/18	16:22	Weeds seen on boat coming out of lake
9/20	13:23	Good view of boat and registration
9/23	10:16	Rain droplets on camera lens causes some obstruction but clears with in the few clips
9/23	13:43	Man walks over to camera area and appear to read nearby signs
9/26	10:10	Woman looks at camera prior to launch
9/29	12:29	Some weeds on boat coming out of lake
9/30	15:11	Expired registration MN 2862 KJ
9/30	16:31	Kid interacts with camera

