SMITH RIVER STATE PARK AND RIVER CORRIDOR

Visitor Use & Statistics Monitoring Report

2019

MONTANA STATE PARKS

MONTANA **FWP**

FOREST SERVICE U S DEPARTMENT OF AGRICULTURE

A summary of visitor use statistics, management activities and resource and social conditions on the Smith River corridor during the 2019 field season

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Date: 12/03/19

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Prairie Crocus (Anemone Patens)

SECTION 1 - EXECUTIVE SUMMARY

Visitation

2019 was another record setting season in terms of floater use. However, permit applications did decline for the first time since 2010. There were 10,070 private permit applications in 2019, a 4.40% decline from 2018. Despite this decline, total floater use set a record in 2019. There were 6,232 floaters in 2019, 42 more than the next highest year (2018) and 39% higher than the 20-year average. Both private and outfitted floaters set new records with 5,162 private and 808 outfitted floaters. There were 708 private float groups, 30% higher than the 20-year average and 65 outfitted groups, 38% higher than the 20-year average. No single month set a record for use in 2019, but June and July were the second and third highest on record respectively. There were 28,617 user days and 22,124 user nights in 2019, both 43% above the 20-year average. Use in April was well below recent years due to the river being closed through April 14.

Snowpack, Rainfall and River Flows

The snowpack for the winter of 2018-2019 was statistically unremarkable, but temperatures and timely rains contributed to conditions favorable to a long float season. The snowpack for the Smith/Musselshell/Judith Basins was 36% of its median peak on New Years Day. The snowpack peaked and reached 100% of its median peak on April 09, just a few days before the median date. The difference between this year and typical years was the persistence of low and mid elevation snowpack well into the spring. Below average temperatures also contributed to an orderly burn-off of the snowpack. In early June, there was still a considerable amount of snowpack remaining in the high elevations of the Smith River headwaters (Boulder Peak, Spur Park and Elk Peak). Precipitation was below average in May and June, but well above average in July. The unique climatic conditions this year also helped cool the water. The water temperature at the streamflow gauge below Eagle Creek did not exceed 70 degrees until July 12 and only did so eight times in July and never exceeded approximately 73 degrees. Filamentous algae was present again this season, but not nearly as prevalent as in lower water seasons like 2015-2017. The algae did not present much of a nuisance for fisherman.

County Line Camp on 04/17/19

Early Spring Conditions
The float season started slowly due to persistent ice cover on the river. It became evident in the middle of March that most of the river was still ice covered. The 120th Airwing of the Montana Air National Guard flew over the river in late March and verified that the river was unfloatable (see Cover Photo). There was some movement of ice at the end of March at readily viewable points and FWP flew the river on April 02 to see it the river was floatable and safe. Unfortunately, there were still long sections of ice-covered river, particularly between In Lieu and Rock Creek. Conditions warmed considerably over the next week and there were numerous pulses of water before reverting back to a normalized flow. Rangers floated the river on April 11 and determined there were no hazards and floating could commence. The river re-opened on April 15. Numerous camps remained closed due to icy landings, missing signs and excessive snow or overly moist conditions. These sites were progressively opened as conditions improved. Although camp signs were knocked over and many boat tie-offs were lost, the damage was not nearly as bad as in 2014. This year the ice flowed off the river in several smaller events as opposed to 2014 when the ice came off in one very large event.

Looking upstream towards Tenderfoot Creek

Social Conditions
The qualitative social indicator which measures satisfaction levels related to "encounters with other boats while floating the river" is the basis for assessing floater satisfaction with the *overall* level of solitude on the Smith River. 95% of the floaters fell into the range of "Neutral to Liked Very Much." There is a correlation between the number of boats seen per hour and the level of satisfaction. The average of all respondents reported seeing 1.32 boats per hour with an average satisfaction of 4.0. These results are a strong indication of high floater satisfaction with the overall level of solitude.

Most of the other statistics within this report are within similar ranges of previous years. In 2018, there was an uptick in dissatisfaction with the perception of crowding during the month of June with 54% of respondents reporting feeling crowded at Camp Baker. This perception was slightly reduced this year with 45% of respondents reporting feeling crowded at camp baker in June. The perception of crowding decreased from 2018 levels for the months of April through July at both Camp Baker and Eden Bridge.

SECTION 2 - MANAGEMENT ACTIVITIES

Staffing

Employees from Montana Fish, Wildlife & Parks (FWP) Region 4 and Helena-Lewis and Clark National Forest (USFS) involved with the 2019 Smith River State Park & River Corridor program included:

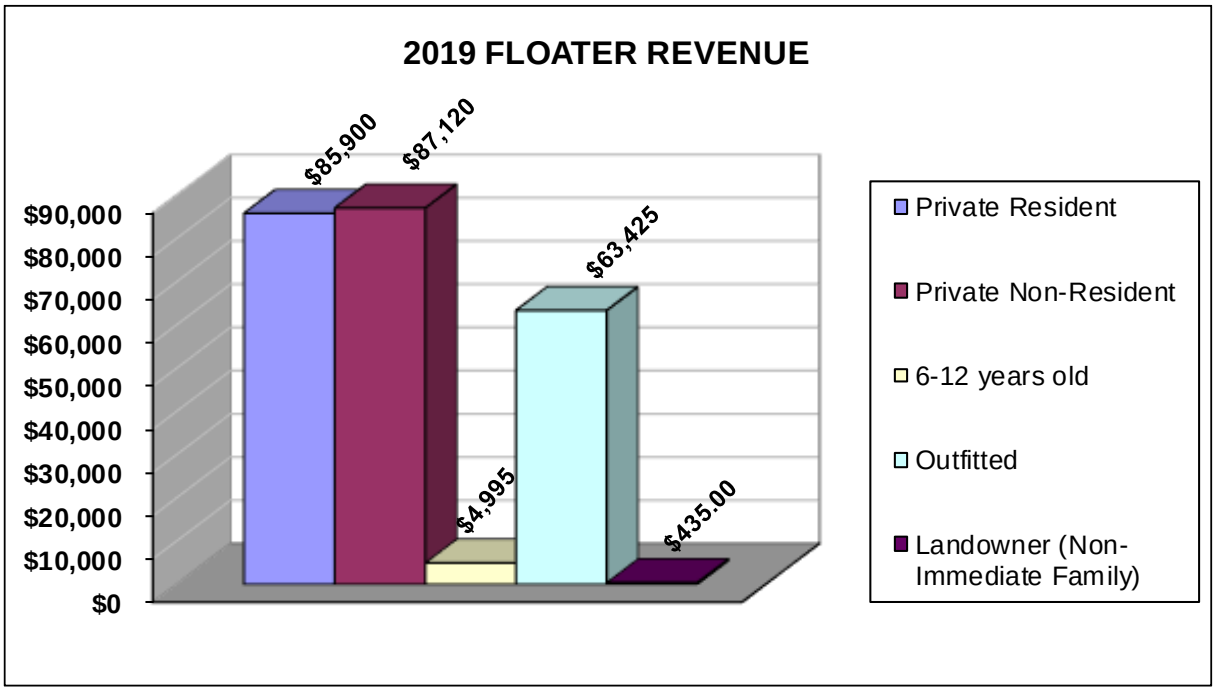
- Colin Maas – Smith River Manager (FWP)
- John Taillie – Region 4 Parks Manager (FWP)
- John Metrione – Resource Specialist (USFS)
- Nate Kluz – FWP Lead River Ranger (FWP)
- Mark Lamonte – River Ranger (FWP)
- Austin Moody – River Ranger (FWP)
- Don Mendenhall – River Ranger (USFS)
- Joshua Wagoner – Region 4 Maintenance Supervisor (FWP)
- Heather Whitley – Smith River Reservation Clerk (FWP)

Numerous other employees from Region 4 FWP and the Helena Headquarters office, as well as individuals from the USFS, played a role in a team effort to make the Smith River State Park & River Corridor program work successfully.

The 2019 Crew: L-R Ranger Mark Lamonte (FWP), Manager Colin Maas (FWP), Ranger Nate Kluz (FWP), Ranger Austin Moody (FWP); missing is Ranger Don Mendenhall (USFS)

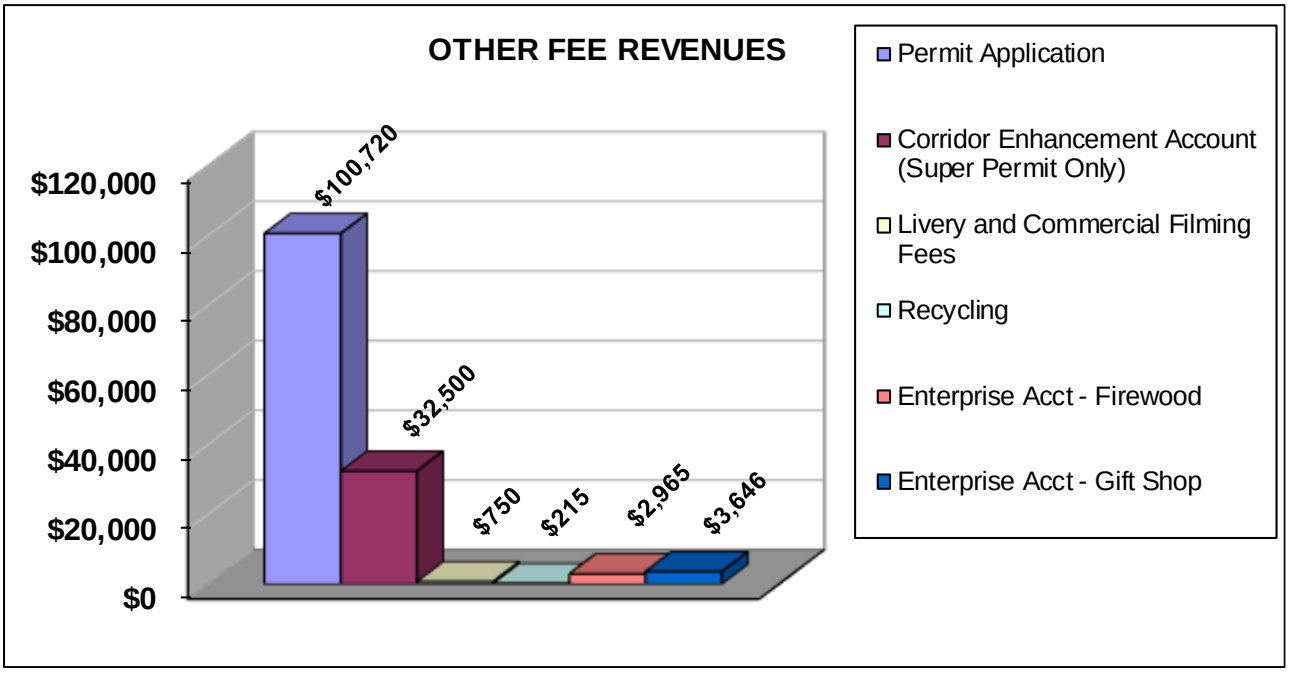
Fee Revenue

Total "floater fee" revenue collected in 2019 was $241,875. Floater fees revenues increased by $1,510 compared to 2018 revenues.



GRAPH 1: FLOATER FEES COLLECTED IN 2019

Total "other fee" revenue collected in 2019 was $140,796. Other fee revenues increased by $13,857 compared to 2018 revenues.



GRAPH 2: OTHER FEES COLLECTED IN 2019

The following floater fees (year-round) were approved for the 2019 season by means of the Smith River State Park Biennial Rule:

- Permit application fee (residents and non-residents, non-refundable) = **$10.00**
- Montana Resident Floaters Age 13+, Outfitter Staff = **$25.00**
- Non-Montana Resident Floaters Age 13+ = **$60.00**
- Children Ages 6-12 (Resident or Non-resident) = **$15.00**
- Landowner Non-Immediate Family = **$7.50**
- Outfitted Client Floater = **$100.00**
- Outfitted Launch Fee = **$200.00**
- Outfitted Transfer Fee = **$200.00**

Special Projects Completed

The following special projects were accomplished in 2019:

Camp Baker

- Extensive snow removal in late March to access site.
- Replaced hot water heater in Ranger house.

Eden Bridge

- Rebuilt hydrant at camp host pad.
- Rebuilt picnic tables in campground and stained table at camp host pad.
- Repaired fencing damaged by vehicles and wildlife.

River Corridor

- River rangers dug 36 pit latrines. 471 pit latrines have been dug in the past 14 years. The fourteen-year average is 34 pit latrines dug per year.
- Re-installed numerous camp signs that were brought down by ice. Also replaced boat tie-offs that were ice damaged or lost.
- Ranger Mark Lamonte made two river trips collecting water samples on behalf of the Department of Environmental Quality (DEQ). The samples are then analyzed to study the filamentous algae that has been a nuisance over the past few years. DEQ technicians also conducted a research float in July collecting water samples.
- Noxious weed control efforts were undertaken by the Smith River Habitat Project (SRHP) and volunteer groups. SRHP contractor West River Land Management (WRLM) chemically treated 148 acres in 2019. WRLM conducted an eight-night float trip in late June and early July with four employees and treated 78 acres. WRLM also sprayed another 73 acres via UTV in late summer/early autumn. Unfortunately, UTV spraying was cut short by the early onset of winter. The Smith River Weed Volunteers floated again in 2019 spending 173.5 hours pulling weeds and cutting seed heads. They also packed out over 300 gallons of weed seed heads. The Smith River Weed Volunteers, led by Kathy Heffernan, have volunteered for many years and have committed to do so again in the future via their participation in Montana Noxious Weed Awareness Campaigns, Adopt a Trailhead Montana program.

The Smith River Weed Volunteers at Canyon Depth

Administrative and Management Actions

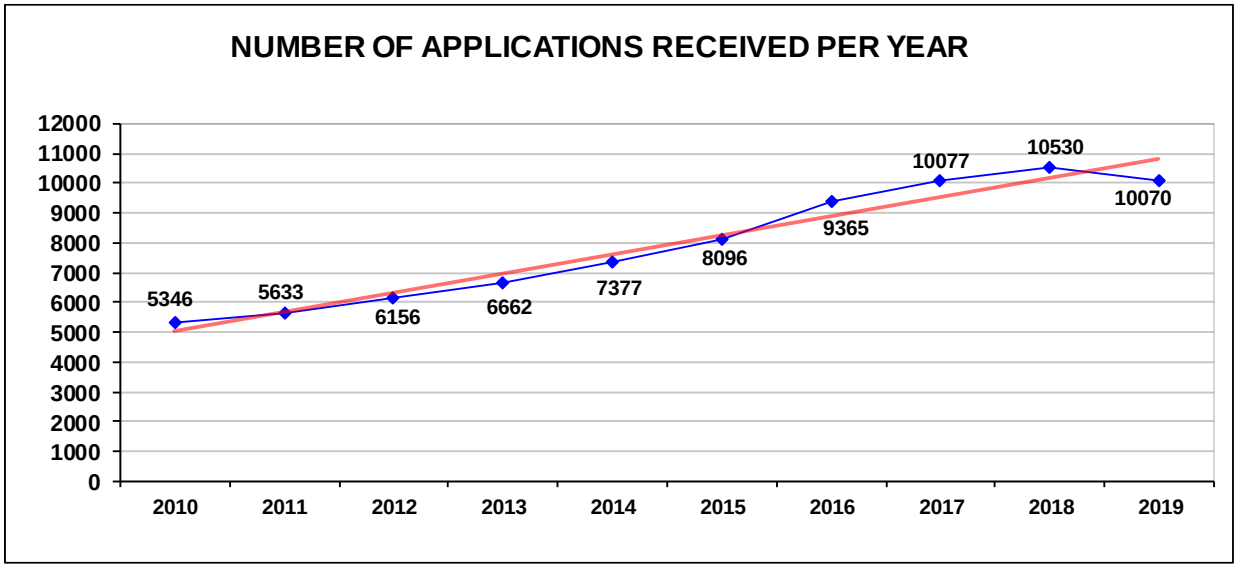
- Park staff closed the river to floating April 1-14 due to persistent ice throughout the river corridor. The winter of 2018-2019 was unusually cold and wet and the river accumulated ice from its headwaters to the confluence with the Missouri River. Abnormal cold delayed ice break-up. The Montana Air National Guard monitored the river during the course of their duties in March. This quality information made it clear that the river was unfloatable through March. Park staff flew the river on April 02 and the river was still unfloatable due to ice jams between Camp Baker and Rock Creek. Subsequent warm weather and rising flows cleared the remaining ice and the river was re-opened on April 15. Numerous camps remained closed until ice cleared from landings or signs and tie-offs were re-installed.

Ice Below County Line 04/12/2019

- The United States Forest Service (USFS) funded a river ranger position for the 10th consecutive year. In 2019, the USFS ranger assisted with majority of river patrols and assisted at Camp Baker with food storage rule compliance inspections.

SECTION 3 - VISITOR USE STATISTICS

Private Launch Applications



GRAPH 3: NUMBER OF APPLICANTS PER YEAR

No-Shows

A total of 127 permit holders were no-shows. 33 no-shows occurred during the peak season (May15-July15). No-shows are restricted from applying in 2019.

Cancellations

A total of 420 permits were cancelled. 112 cancellations occurred during the peak season (May15-July15).

Floater Logs

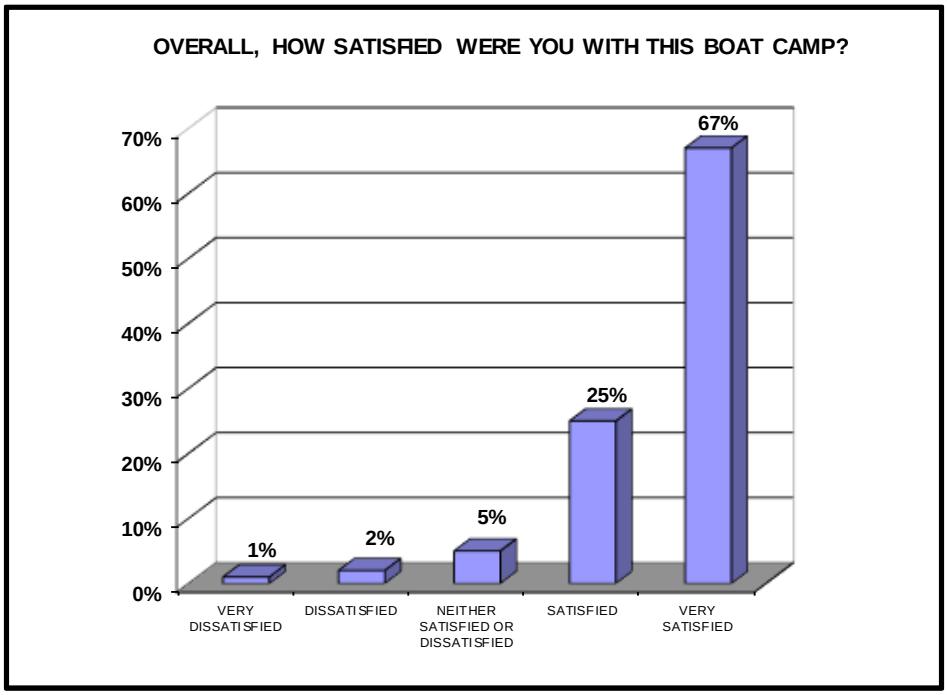
334 (43%) floaters returned a floater log, of the 773 private and outfitted groups that floated .

Ice Survivor

2019 FLOATER LOG COMMENT SUMMARY

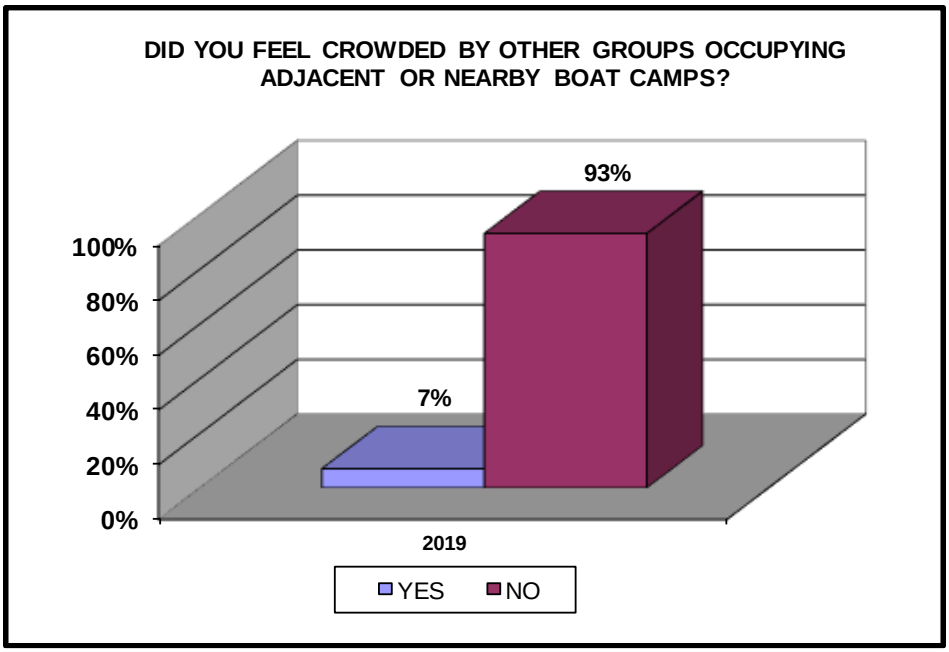
CAMPSITE QUESTIONS:

Question: Overall, how satisfied were you with this boat camp?



GRAPH 4: BOAT CAMP SATISFACTION

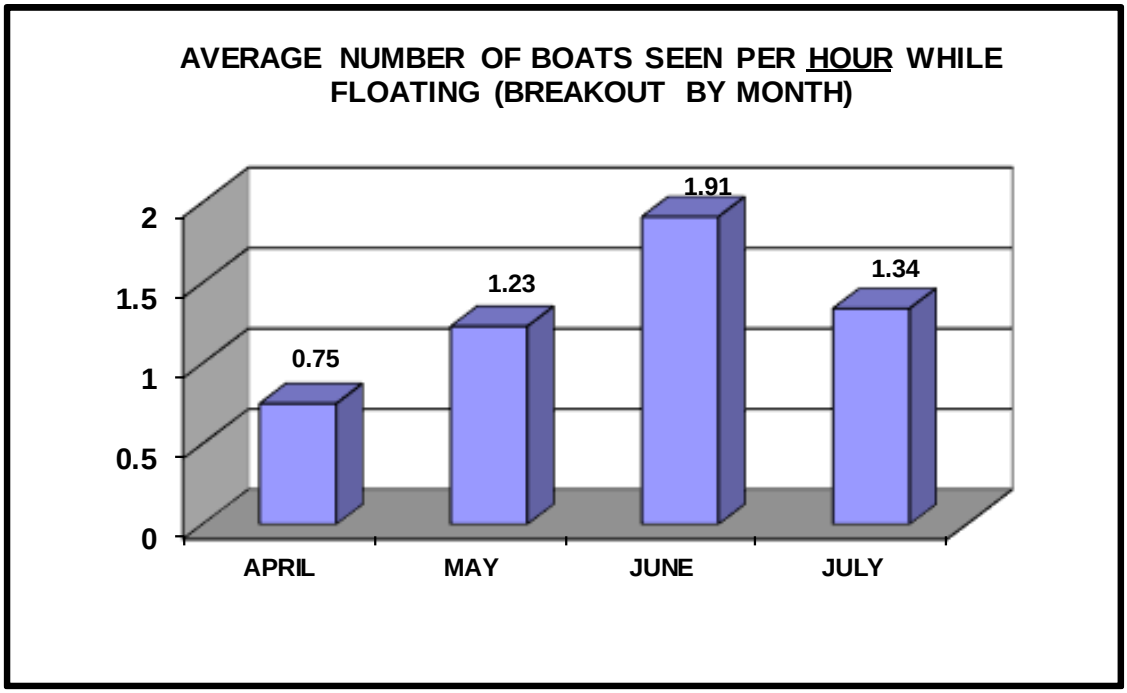
Question: Did you feel crowded by other groups occupying adjacent or nearby boat camps?



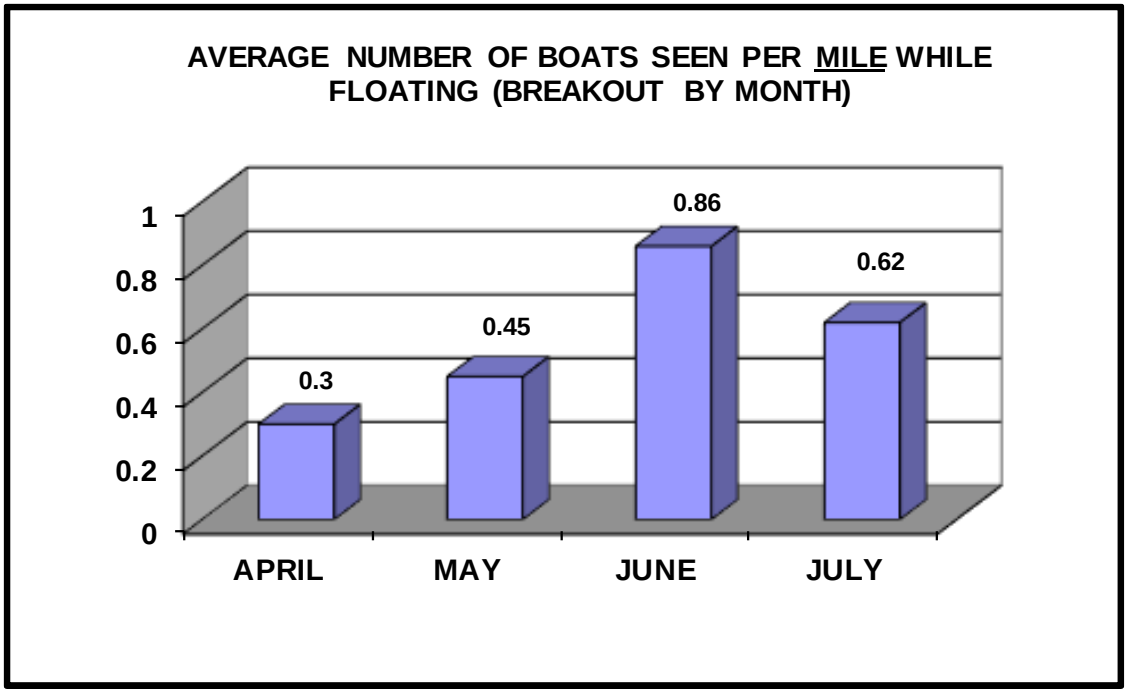
GRAPH 5: PERCEPTION OF CROWDING BY ADJACENT BOAT CAMPS

FLOATING QUESTIONS:

Question: How many other **boats** did you observe while floating the river today (excluding your group)?



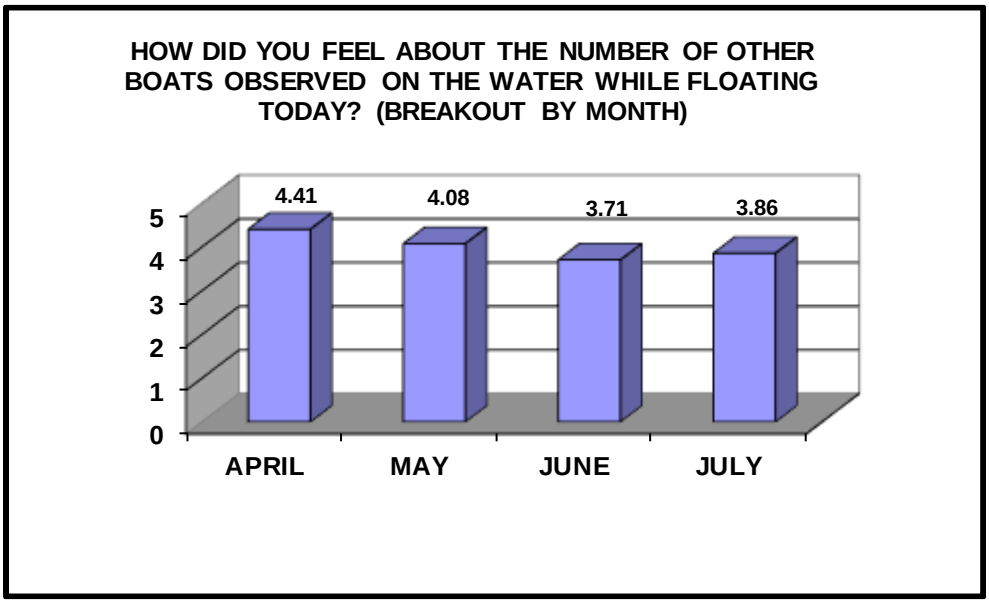
GRAPH 6: FLOATER PERCEPTION OF NUMBER OF BOATS SEEN PER HOUR



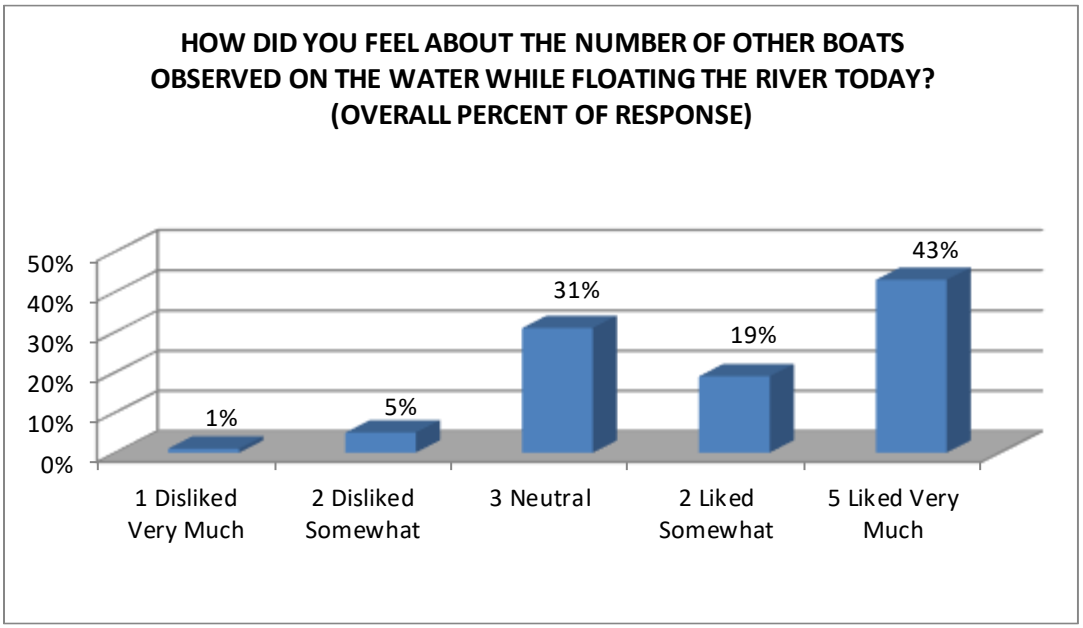
GRAPH 7: FLOATER PERCEPTION OF NUMBER OF BOATS SEEN PER MILE

Question: How did you feel about the **number** of other boats observed **on the water** while floating the river today?

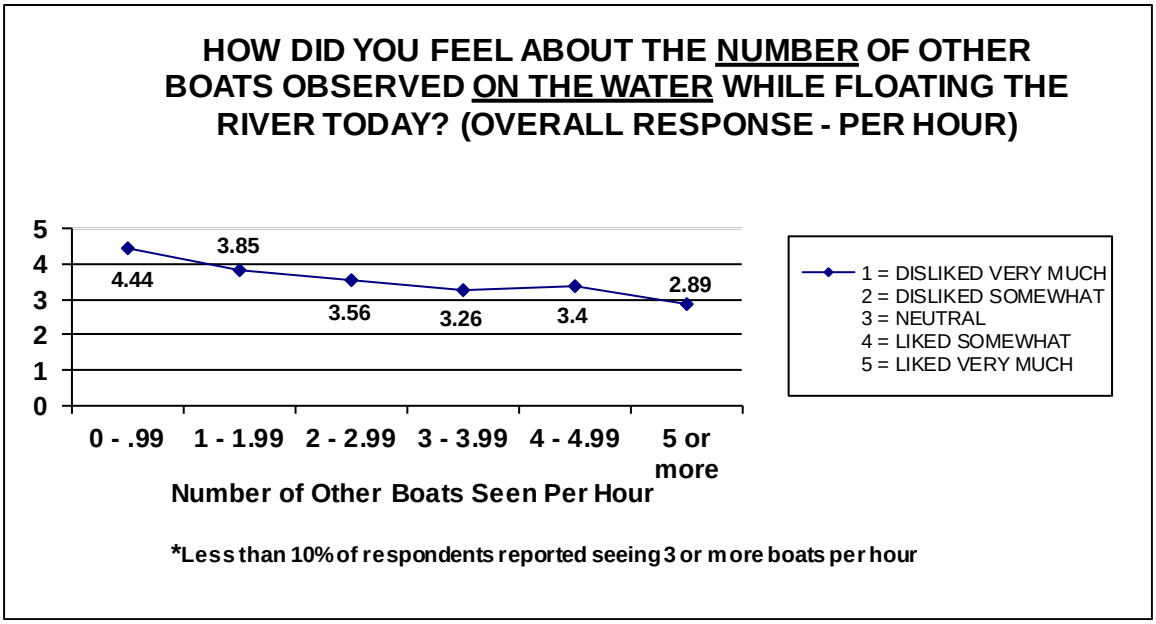
Beginning in 2010, FWP implemented the new social indicator of encounters with other boats while on the river. This indicator has become the basis for assessing floater satisfaction with the overall level of solitude. The corresponding standard, that defines the appropriate satisfaction level with solitude, has not yet been determined.



GRAPH 8: FLOATER PERCEPTION OF NUMBER OF BOATS SEEN PER DAY



GRAPH 9: FLOATER PERCEPTION OF NUMBER OF BOATS SEEN PER DAY – OVERALL PERCENT OF RESPONSE

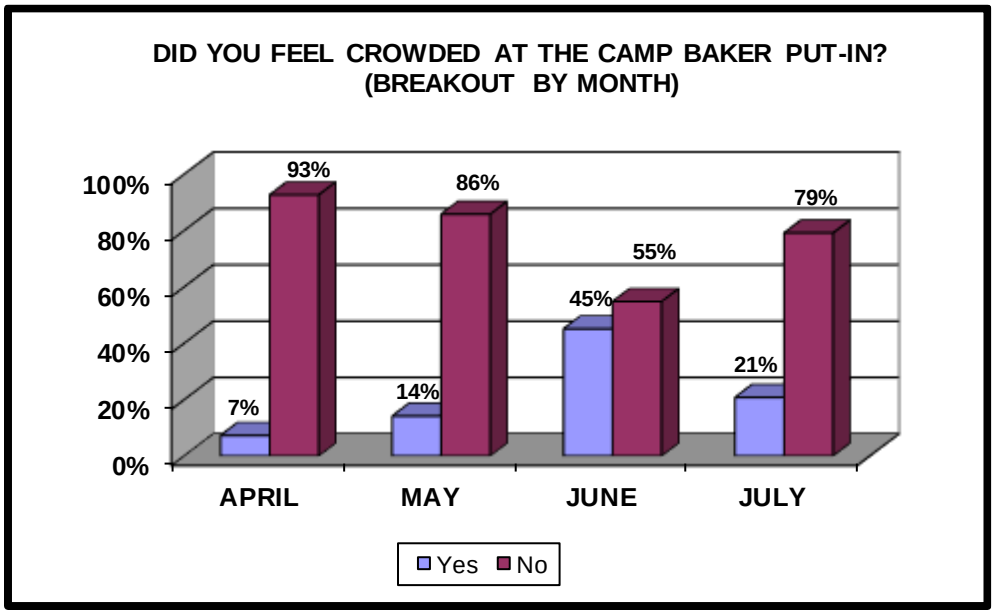


GRAPH 10: FLOATER PERCEPTION OF NUMBER OF BOATS SEEN PER DAY – OVERALL RESPONSE PER HOUR

Written responses to questions 1, 2, 5 and 7 of the floater logs are contained verbatim in the 2019 Floater Log Comments document.

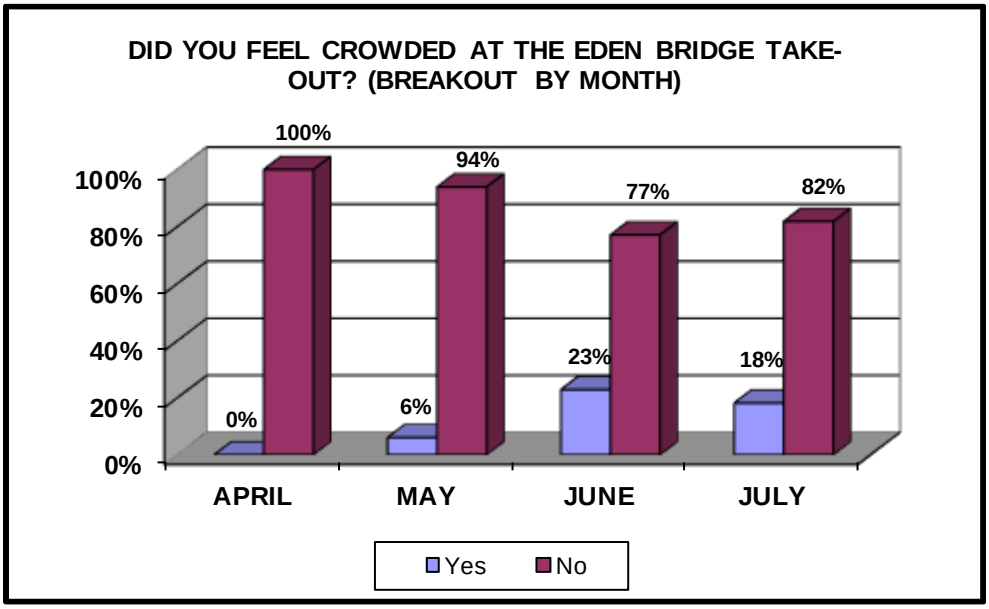
Trico Mist

Question #3: Did you feel crowded at the put-in? Yes or No



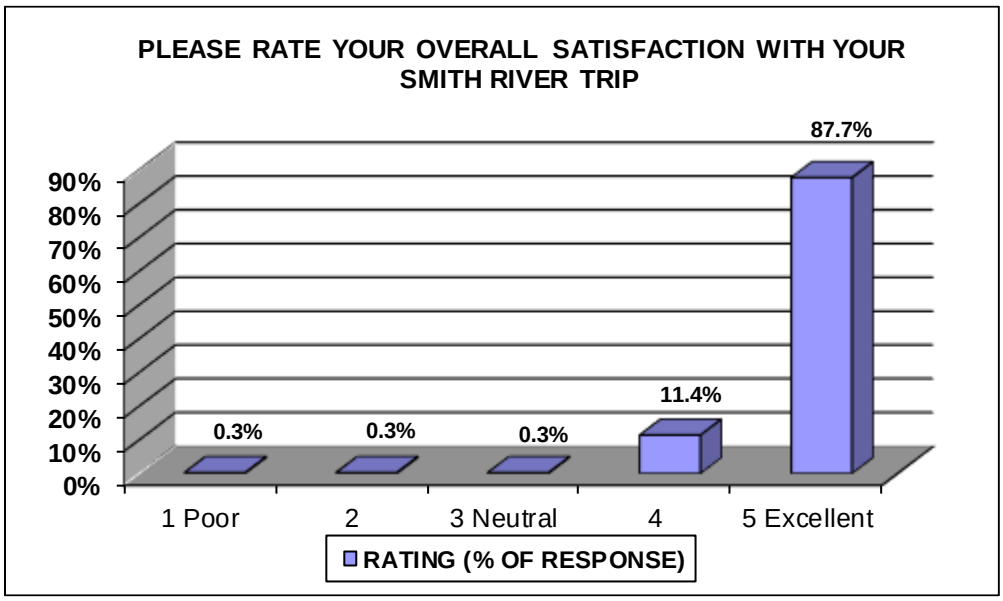
GRAPH 11: FLOATER PERCEPTION OF FEELING CROWDED AT CAMP BAKER PUT-IN

Question #4: Did you feel crowded at the take-out? Yes or No



GRAPH 12: FLOATER PERCEPTION OF FEELING CROWDED AT EDEN BRIDGE TAKE-OUT

Question # 6: Please rate your overall satisfaction with your Smith River trip.



GRAPH 13: FLOATER OVERALL SATISFACTION WITH SMITH RIVER TRIP

Skyler "Shooter" Whitley's First Smith River Trout!

2019 BOAT CAMP GROUP USE

BOAT CAMP	RIVER MILE	LAND OWNERSHIP	NUMBER OF GROUPS STAYED AT EACH BOATCAMP	% OF OVERALL USE
UPPER SPRING CREEK	4.4	FWP	6	0.21%
LOWER SPRING CREEK	4.4	FWP	0	0.00%
IN LIEU	5.6	FWP	3	0.11%
UPPER INDIAN SPRINGS	6	USFS	11	0.39%
MIDDLE INDIAN SPRINGS	6	USFS	53	1.87%
LOWER INDIAN SPRINGS	6	USFS	69	2.43%
UPPER ROCK GARDEN	6.8	USFS	74	2.61%
LOWER ROCK GARDEN	6.8	USFS	40	1.41%
ROCK CREEK	8.9	USFS	112	3.95%
UPPER SCOTTY ALLEN	12	USFS	76	2.68%
MIDDLE SCOTTY ALLEN	12	USFS	38	1.34%
LOWER SCOTTY ALLEN	12	USFS	89	3.14%
SYRINGA	15.2	DNRC	104	3.67%
CANYON DEPTH	16.9	USFS	94	3.31%
TWO CREEK	17.8	USFS	50	1.76%
SHEEPWAGON	18.4	USFS	68	2.40%
UPPER COW COULEE	22.8	USFS	72	2.54%
MIDDLE COW COULEE	22.8	USFS	62	2.19%
LOWER COW COULEE	22.8	USFS	21	0.74%
UPPER SUNSET CLIFF	23.6	USFS	74	2.61%
MIDDLE SUNSET CLIFF	23.6	USFS	96	3.39%
LOWER SUNSET CLIFF	23.6	USFS	90	3.17%
COUNTY LINE	25.5	USFS	43	1.52%
UPPER BEAR GULCH	29	USFS	9	0.32%
LOWER BEAR GULCH	29	USFS	40	1.41%
UPPER TROUT CREEK	30.3	FWP	35	1.23%
MIDDLE TROUT CREEK	30.3	FWP	21	0.74%
LOWER TROUT CREEK	30.3	FWP	55	1.94%
CROWSFOOT	32	FWP	68	2.40%
UPPER TABLE ROCK	33.5	USFS	31	1.09%
MIDDLE TABLE ROCK	33.5	USFS	33	1.16%
LOWER TABLE ROCK	33.5	USFS	31	1.09%
UPPER FRAUNHOFER	35.4	USFS	104	3.67%
LOWER FRAUNHOFER	35.4	USFS	76	2.68%
MEADOW BEND	35.6	FWP	37	1.30%
UPPER PARKER FLAT	37.5	USFS	85	3.00%
PARKER FLAT #1	37.9	FWP	50	1.76%
PARKER FLAT #2	37.9	FWP	16	0.56%
PARKER FLAT #3	37.9	FWP	26	0.92%
DEEP CREEK	38.7	PRIVATE	13	0.46%
PARADISE BEND	39.5	FWP	60	2.12%
STAIGMILLER	44	PRIVATE	51	1.80%
MERGANSER BEND	44.5	FWP	42	1.48%
UPPER BLACK BUTTE	44.8	FWP	38	1.34%
LOWER BLACK BUTTE	44.8	FWP	29	1.02%
UPPER RIDGETOP	45	PRIVATE	77	2.72%
MIDDLE RIDGETOP	45	PRIVATE	83	2.93%
LOWER RIDGETOP	45	PRIVATE	108	3.81%
UPPER GIVENS GULCH	47.2	PRIVATE	3	0.11%
LOWER GIVENS GULCH	47.2	PRIVATE	100	3.53%
UPPER RATTLESNAKE	47.4	PRIVATE	80	2.82%
LOWER RATTLESNAKE	47.4	PRIVATE	90	3.17%
TOTALS			**2836**	**100.00%**

BOATCAMP LAND DISTRIBUTION		
# OF SITES	**SITES OWNED BY**	**% OF TOTAL SITES**
15	FWP	29%
1	DNRC	2%
9	PRIVATE	17%
27	USFS	52%
52		**100%**

2019 SMITH RIVER USE STATISTICS BREAKDOWN BY MONTH

MONTH	APRIL	APRIL BEAKDOWN ON TOTAL % OF APRIL USE	APRIL % OF OVERALL TOTAL SEASON USE	MAY	MAY BEAKDOWN ON TOTAL % OF MAY USE	MAY % OF OVERALL TOTAL SEASON USE	JUNE	JUNE BEAKDOWN ON TOTAL % OF JUNE USE	JUNE % OF OVERALL TOTAL SEASON USE	JULY	JULY BEAKDOWN ON TOTAL % OF JULY USE	JULY % OF OVERALL TOTAL SEASON USE
# OF FLOATERS-PRIVATE	323	97.29%	6.26%	1375	88.48%	26.64%	1995	76.32%	38.65%	1316	86.98%	25.49%
# OF FLOATERS - OUTFITTED	0	0.00%	0.00%	165	10.62%	20.42%	524	20.05%	64.85%	103	6.81%	12.75%
# OF FLOATERS - ADMIN	9	2.71%	9.47%	14	0.90%	14.74%	50	1.91%	52.63%	17	1.12%	17.89%
# OF FLOATERS WAIVED	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%
# OF FLOATERS LANDOWNER	0	0.00%	0.00%	0	0.00%	0.00%	22	0.84%	40.74%	32	2.12%	59.26%
# OF FLOATERS LANDOWNER NON IMMEDIATE FAMILY	0	0.00%	0.00%	0	0.00%	0.00%	23	0.88%	20.35%	45	2.97%	39.82%
# OF FLOATERS - TOTAL	332	100.00%	5.33%	1554	100.00%	24.94%	2614	100.00%	41.94%	1513	100.00%	24.28%
# OF GROUPS - PRIVATE	67	95.71%	9.46%	187	89.90%	26.41%	220	79.14%	31.07%	189	87.91%	26.69%
# OF GROUPS - OUTFITTED	0	0.00%	0.00%	16	7.69%	24.62%	39	14.03%	60.00%	8	3.72%	12.31%
# OF GROUPS - ADMIN	3	4.29%	13.04%	5	2.40%	21.74%	9	3.24%	39.13%	5	2.33%	21.74%
# OF GROUPS-WAIVED	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%
# OF GROUPS-LANDOWNER	0	0.00%	0.00%	0	0.00%	0.00%	6	2.16%	50.00%	6	2.79%	50.00%
# OF GROUPS-LANDOWNER NON IMMEDIATE FAMILY	0	0.00%	0.00%	0	0.00%	0.00%	4	1.44%	25.00%	7	3.26%	43.75%
# OF GROUPS - TOTAL	70	100.00%	8.50%	208	100.00%	25.24%	278	100.00%	33.74%	215	100.00%	26.09%
USER DAYS - PRIVATE	1308	97.47%	5.44%	5886	87.71%	24.49%	9388	77.51%	39.05%	6638	88.71%	27.61%
USER DAYS - OUTFITTED	0	0.00%	0.00%	779	11.61%	19.37%	2474	20.43%	61.53%	688	9.19%	17.11%
USER DAYS - ADMIN	34	2.53%	8.72%	46	0.69%	11.79%	205	1.69%	52.56%	80	1.07%	20.51%
USER DAYS - WAIVED	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%
USER DAYS - LANDOWNER	0	0.00%	0.00%	0	0.00%	0.00%	22	0.18%	40.74%	32	0.43%	59.26%
USER DAYS - LANDOWNER NON IMMEDIATE FAMILY	0	0.00%	0.00%	0	0.00%	0.00%	23	0.19%	20.35%	45	0.60%	39.82%
USER DAYS - TOTAL	1342	100.00%	4.69%	6711	100.00%	23.45%	12112	100.00%	42.32%	7483	100.00%	26.15%
USER NIGHTS - PRIVATE	1192	97.95%	6.38%	4794	87.35%	25.66%	7551	77.54%	40.42%	4542	90.93%	24.31%
USER NIGHTS - OUTFITTED	0	0.00%	0.00%	662	12.06%	21.18%	1992	20.46%	63.72%	408	8.17%	13.05%
USER NIGHTS - ADMIN	25	2.05%	7.89%	32	0.58%	10.09%	195	2.00%	61.51%	45	0.90%	14.20%
USER NIGHTS - WAIVED		0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%
USER NIGHTS - TOTAL	1217	100.00%	5.50%	5488	100.00%	24.81%	9738	100.00%	44.02%	4995	100.00%	22.58%
AVG DAYS/GROUP - PRIVATE	4.05			4.28			4.71			5.04		
AVG DAYS/GROUP - OUTFITTED	0.00			4.72			4.72			6.68		
AVG DAYS/GROUP - ADM	3.78			3.29			4.10			4.71		
AVG DAYS/GROUP - TOTAL	4.04			4.32			4.70			5.16		
AVG # FLOATERS/GROUP - PRIVATE	4.82			7.35			9.07			6.96		
AVG # FLOATERS/GROUP - OUTFITTED	0.00			10.31			13.44			12.88		
AVG # FLOATERS/GROUP - ADM	3.00			2.80			5.56			3.40		
AVG # FLOATERS/GROUP - WAIVED	0.00			0.00			0.00			0.00		
AVG # FLOATERS/GROUP - LANDOWNER	0.00			0.00			3.67			5.33		
AVG # FLOATERS/GROUPS - LANDOWNER NON IMMEDIATE FAMILY	0.00			0.00			5.75			6.43		
AVG # FLOATERS/GROUP - TOTAL	4.74			7.47			9.40			7.04		
# OF RAFTS	148	87.57%	5.08%	607	84.19%	20.85%	945	81.96%	32.46%	503	68.06%	17.28%
# OF CANOES	4	2.37%	0.14%	21	2.91%	0.72%	33	2.86%	1.13%	73	9.88%	2.51%
# OF DRIFT BOATS	12	7.10%	0.41%	66	9.15%	2.27%	81	7.03%	2.78%	12	1.62%	0.41%
# OF KAYAK	5	2.96%	0.17%	27	3.74%	0.93%	94	8.15%	3.23%	151	20.43%	5.19%
# OF OTHER TYPE CRAFT	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%
TOTAL NUMBER OF CRAFT	169	100.00%	5.81%	721	100.00%	24.77%	1153	100.00%	39.61%	739	100.00%	25.39%
TOTAL PRIVATE CRAFT	163	96.45%	5.60%	635	88.07%	21.81%	918	79.62%	31.54%	644	87.14%	22.12%
TOTAL OUTFITTED CRAFT	0	0.00%	0.00%	75	10.40%	2.58%	195	16.91%	6.70%	46	6.22%	1.58%
TOTAL ADM CRAFT	6	3.55%	0.21%	11	1.53%	0.38%	21	1.82%	0.72%	13	1.76%	0.45%
TOTAL WAIVED CRAFT	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%
TOTAL LANDOWNER CRAFT	0	0.00%	0.00%	0	0.00%	0.00%	9	0.78%	0.31%	20	2.71%	0.69%
TOTAL LANDOWNER NON IMMEDIATE FAMILY CRAFT	0	0.00%	0.00%	0	0.00%	0.00%	10	0.87%	0.34%	16	2.17%	0.55%
TOTAL CRAFT	169	100.00%	5.81%	721	100.00%	24.77%	1153	100.00%	39.61%	739	100.00%	25.39%
AVG # OF CRAFT - PRIVATE GROUP	2.43			3.40			4.17			3.41		
AVG # OF CRAFT - OUTFITTED GROUP	0.00			4.69			5.00			5.75		
AVG # OF CRAFT - ADMIN GROUP	2.00			2.20			2.33			2.60		
AVG # OF CRAFT - WAIVED	0.00			0.00			0.00			0.00		
AVG # OF CRAFT - LANDOWNER	0.00			0.00			1.50			3.33		
AVG # OF CRAFT - LANDOWNER NON IMMEDIATE FAMILY	0.00			0.00			2.50			2.29		
AVG # OF CRAFT/GROUP - TOTAL	2.41			3.47			4.15			3.44		

2019 SMITH RIVER USE STATISTICS BREAKDOWN BY MONTH

MONTH	AUG	AUG BEAKDOWN ON TOTAL % OF AUG USE	AUG % OF OVERALL TOTAL SEASON USE	SEPT	SEPT BEAKDOWN ON TOTAL % OF SEPT USE	SEPT % OF OVERALL TOTAL SEASON USE	OCT	OCT BEAKDOWN ON TOTAL % OF OCT USE	OCT % OF OVERALL TOTAL SEASON USE	TOTAL	TOTAL PERCENT
# OF FLOATERS-PRIVATE	58	64.44%	1.12%	47	58.02%	0.91%	48	100.00%	0.93%	5162	82.83%
# OF FLOATERS - OUTFITTED	0	0.00%	0.00%	16	19.75%	1.98%	0	0.00%	0.00%	808	12.97%
# OF FLOATERS - ADMIN	5	5.56%	5.26%	0	0.00%	0.00%	0	0.00%	0.00%	95	1.52%
# OF FLOATERS WAIVED	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%
# OF FLOATERS LANDOWNER	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	54	0.87%
# OF FLOATERS LANDOWNER NON IMMEDIATE FAMILY	27	30.00%	23.89%	18	22.22%	15.93%	0	0.00%	0.00%	113	1.81%
# OF FLOATERS - TOTAL	90	100.00%	1.44%	81	100.00%	1.30%	48	100.00%	0.77%	6232	100.00%
# OF GROUPS - PRIVATE	14	82.35%	1.98%	18	78.26%	2.54%	13	100.00%	1.84%	708	85.92%
# OF GROUPS - OUTFITTED	0	0.00%	0.00%	2	8.70%	3.08%	0	0.00%	0.00%	65	7.89%
# OF GROUPS - ADMIN	1	5.88%	4.35%	0	0.00%	0.00%	0	0.00%	0.00%	23	2.79%
# OF GROUPS-WAIVED	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%
# OF GROUPS-LANDOWNER	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	12	1.46%
# OF GROUPS-LANDOWNER NON IMMEDIATE FAMILY	2	11.76%	12.50%	3	13.04%	18.75%	0	0.00%	0.00%	16	1.94%
# OF GROUPS - TOTAL	17	100.00%	2.06%	23	100.00%	2.79%	13	100.00%	1.58%	824	100.00%
USER DAYS - PRIVATE	358	87.32%	1.49%	246	71.51%	1.02%	215	100.00%	0.89%	24039	84.00%
USER DAYS - OUTFITTED	0	0.00%	0.00%	80	23.26%	1.99%	0	0.00%	0.00%	4021	14.05%
USER DAYS - ADMIN	25	6.10%	6.41%	0	0.00%	0.00%	0	0.00%	0.00%	390	1.36%
USER DAYS - WAIVED	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%
USER DAYS - LANDOWNER	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	54	0.19%
USER DAYS - LANDOWNER NON IMMEDIATE FAMILY	27	6.59%	23.89%	18	5.23%	15.93%	0	0.00%	0.00%	113	0.39%
USER DAYS - TOTAL	410	100.00%	1.43%	344	100.00%	1.20%	215	100.00%	0.75%	28617	100.00%
USER NIGHTS - PRIVATE	250	92.59%	1.34%	185	74.30%	0.99%	167	100.00%	0.89%	18681	84.44%
USER NIGHTS - OUTFITTED	0	0.00%	0.00%	64	25.70%	2.05%	0	0.00%	0.00%	3126	14.13%
USER NIGHTS - ADMIN	20	7.41%	6.31%	0	0.00%	0.00%	0	0.00%	0.00%	317	1.43%
USER NIGHTS - WAIVED	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%
USER NIGHTS - TOTAL	270	100.00%	1.22%	249	100.00%	1.13%	167	100.00%	0.75%	22124	100.00%
AVG DAYS/GROUP - PRIVATE	6.17			5.23			4.48			4.66	
AVG DAYS/GROUP - OUTFITTED	0.00			5.00			0.00			4.98	
AVG DAYS/GROUP - ADM	5.00			0.00			0.00			4.11	
AVG DAYS/GROUP - TOTAL	6.08			5.17			4.48			4.69	
AVG # FLOATERS/GROUP - PRIVATE	4.14			2.61			3.69			7.29	
AVG # FLOATERS/GROUP - OUTFITTED	0.00			8.00			0.00			12.43	
AVG # FLOATERS/GROUP - ADM	5.00			0.00			0.00			4.13	
AVG # FLOATERS/GROUP - WAIVED	0.00			0.00			0.00			0.00	
AVG # FLOATERS/GROUP - LANDOWNER	0.00			0.00			0.00			4.50	
AVG # FLOATERS/GROUPS - LANDOWNER NON IMMEDIATE FAMILY	13.50			6.00			0.00			7.06	
AVG # FLOATERS/GROUP - TOTAL	5.29			3.52			3.69			7.56	
# OF RAFTS	11	20.75%	0.38%	24	46.15%	0.82%	19	79.17%	0.65%	2257	77.53%
# OF CANOES	20	37.74%	0.69%	22	42.31%	0.76%	5	20.83%	0.17%	178	6.11%
# OF DRIFT BOATS	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	171	5.87%
# OF KAYAK	22	41.51%	0.76%	6	11.54%	0.21%	0	0.00%	0.00%	305	10.48%
# OF OTHER TYPE CRAFT	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%
TOTAL NUMBER OF CRAFT	53	100.00%	1.82%	52	100.00%	1.79%	24	100.00%	0.82%	2911	100.00%
TOTAL PRIVATE CRAFT	37	69.81%	1.27%	31	59.62%	1.06%	24	100.00%	0.82%	2452	84.23%
TOTAL OUTFITTED CRAFT	0	0.00%	0.00%	9	17.31%	0.31%	0	0.00%	0.00%	325	11.16%
TOTAL ADM CRAFT	3	5.66%	0.10%	0	0.00%	0.00%	0	0.00%	0.00%	54	1.86%
TOTAL WAIVED CRAFT	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%
TOTAL LANDOWNER CRAFT	0	0.00%	0.00%	0	0.00%	0.00%	0	0.00%	0.00%	29	1.00%
TOTAL LANDOWNER NON IMMEDIATE FAMILY CRAFT	13	24.53%	0.45%	12	23.08%	0.41%	0	0.00%	0.00%	51	1.75%
TOTAL CRAFT	53	100.00%	1.82%	52	100.00%	1.79%	24	100.00%	0.82%	2911	100.00%
AVG # OF CRAFT - PRIVATE GROUP	2.64			1.72			1.85			3.46	
AVG # OF CRAFT - OUTFITTED GROUP	0.00			4.50			0.00			5.00	
AVG # OF CRAFT - ADMIN GROUP	3.00			0.00			0.00			2.35	
AVG # OF CRAFT - WAIVED	0.00			0.00			0.00			0.00	
AVG # OF CRAFT - LANDOWNER	0.00			0.00			0.00			2.42	
AVG # OF CRAFT - LANDOWNER NON IMMEDIATE FAMILY	6.50			4.00			0.00			3.19	
AVG # OF CRAFT/GROUP - TOTAL	3.12			2.26			1.85			3.53	

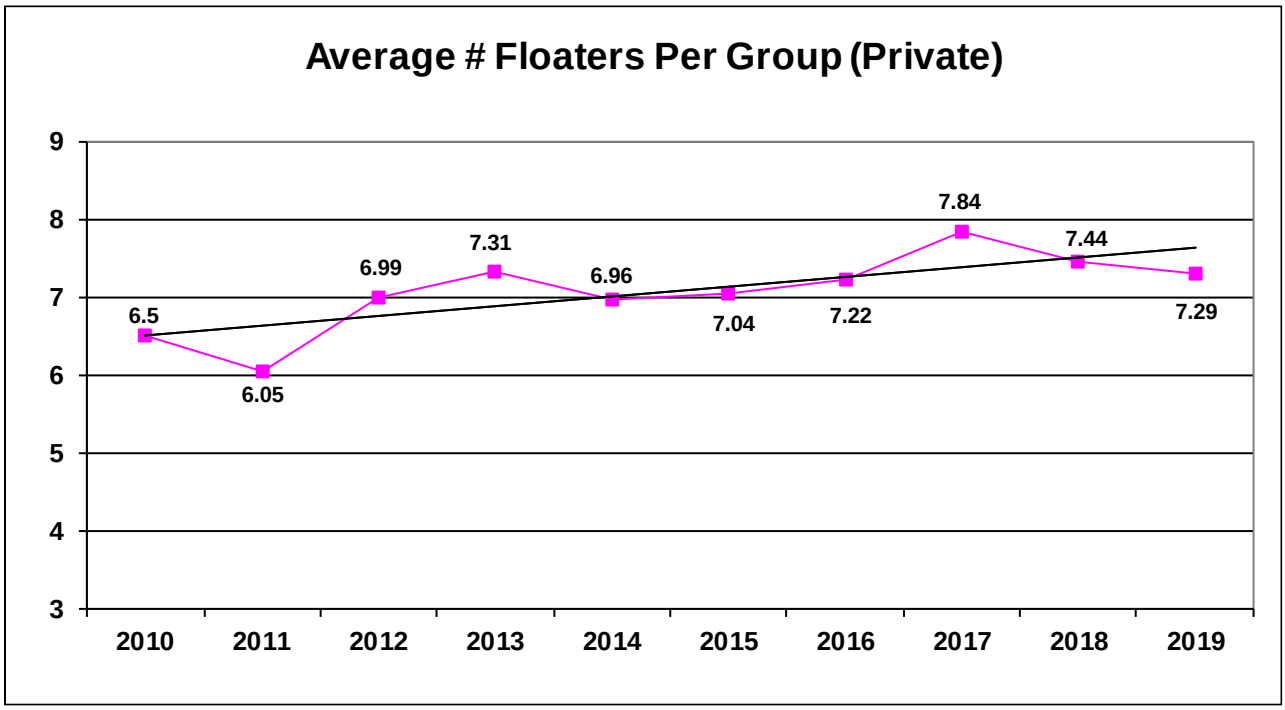
SMITH RIVER TREND STATISTICS (2000-2019)

YEAR	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	AVERAGE
# OF FLOATERS-PRIVATE	1,878	1,678	2,798	3,065	3,187	3,197	3,894	3,567	3,931	4,311	3,986	3,259	3,962	3,883	4,684	3,781	4,367	4,670	5,126	5,162	3,719
# OF FLOATERS - GUIDED	602	505	626	452	517	573	638	632	710	478	496	445	504	509	518	432	611	697	795	808	577
# OF FLOATERS - ADMIN	49	32	59	85	48	37	51	38	66	91	63	89	49	79	87	71	92	107	101	95	69
# OF FLOATERS WAIVED	21	0	0	0	0	0	12	0	0	0	9	0	9	11	0	0	0	0	0	0	3
# OF FLOATERS LANDOWNER	17	21	12	42	40	47	67	19	54	105	47	67	41	18	35	35	59	38	93	54	46
# OF FLOATERS LANDOWNER NON IMMEDIATE FAMILY	29	26	46	70	63	87	74	73	75	93	98	139	149	88	51	36	64	87	74	113	77
# OF FLOATERS - TOTAL	2,596	2,262	3,541	3,714	3,855	3,941	4,736	4,329	4,836	5,078	4,699	3,999	4,714	4,588	5,375	4,355	5,193	5,599	6,189	6,232	4,492
# OF GROUPS - PRIVATE	340	291	450	450	503	526	582	507	560	621	613	539	567	531	673	537	605	596	689	708	544
# OF GROUPS - GUIDED	49	42	48	37	46	48	52	48	54	39	42	40	43	40	40	36	47	54	62	65	47
# OF GROUPS - ADMIN	13	13	20	18	16	12	13	13	22	21	19	24	17	21	22	19	25	27	28	23	19
# OF GROUPS-WAIVED	2	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	0	0
# OF GROUPS-LANDOWNER	3	4	3	11	12	14	16	5	8	20	11	16	8	5	9	8	15	10	17	12	10
# OF GROUPS-LANDOWNER NON IMMEDIATE FAMILY	5	5	9	12	10	18	10	13	12	13	17	21	22	14	7	7	11	16	13	16	13
# OF GROUPS - TOTAL	412	355	530	528	587	618	674	586	656	714	703	640	658	612	751	607	703	703	809	824	634
USER DAYS - PRIVATE	8,096	7,657	12,340	13,673	13,867	14,278	17,307	15,517	17,317	18,916	17,447	14,971	17,266	17,460	21,339	17,417	20,366	21,225	23,867	24,039	16,718
USER DAYS - GUIDED	2,984	2,490	3,129	2,205	2,429	2,860	3,168	3,155	3,539	2,390	2,469	2,185	2,521	2,419	2,557	2,154	3,032	3,448	3,953	4,021	2,855
USER DAYS - ADMIN	228	127	195	377	215	157	222	171	243	320	236	300	178	307	386	261	283	407	363	390	268
USER DAYS - WAIVED	96	0	0	0	0	0	60	0	0	0	45	0	36	55	0	0	0	0	0	0	15
USER DAYS - LANDOWNER	17	21	12	42	40	47	67	19	58	105	47	67	26	18	35	35	59	38	93	54	45
USER DAYS - LANDOWNER NON IMMEDIATE FAMILY	29	26	46	70	63	87	74	73	72	93	98	139	149	88	51	36	64	87	74	113	77
USER DAYS - TOTAL	11,450	10,321	15,722	16,367	16,614	17,429	20,898	18,935	21,229	21,824	20,342	17,662	20,176	20,347	24,368	19,903	23,804	25,205	28,350	28,617	19,978
USER NIGHTS - PRIVATE	6,191	5,995	10,141	10,636	10,502	11,078	13,288	11,938	13,502	14,856	13,490	11,112	13,722	13,582	16,613	13,559	15,887	16,680	18,388	18,681	12,992
USER NIGHTS - GUIDED	2,328	1,960	2,256	1,777	1,796	2,432	2,393	2,611	2,797	1,847	1,973	1,745	2,005	1,902	2,029	1,686	2,408	2,702	3,101	3,126	2,244
USER NIGHTS - ADMIN	179	97	178	298	176	121	167	134	199	148	177	213	129	228	297	192	217	289	209	317	198
USER NIGHTS - WAIVED	63	0	0	0	0	0	48	0	0	0	36	0	27	44	0	0	0	0	0	0	11
USER NIGHTS - TOTAL	8,761	8,052	12,575	12,711	12,474	13,631	15,896	14,683	16,498	16,851	15,676	13,070	15,883	15,756	18,939	15,437	18,512	19,671	21,698	22,124	15,445
AVG DAYS/GROUP - PRIVATE	4.31	4.56	4.41	4.46	4.35	4.47	4.44	4.35	4.41	4.39	4.38	4.59	4.36	4.50	4.56	4.61	4.66	4.54	4.66	4.66	4.48
AVG DAYS/GROUP - GUIDED	4.96	4.93	5.00	4.88	4.70	4.99	4.97	4.99	4.98	5.00	4.98	4.91	5.00	4.75	4.94	4.99	4.96	4.95	4.97	4.98	4.94
AVG DAYS/GROUP - ADM	4.65	3.97	3.31	4.44	4.48	4.24	4.35	4.50	3.68	3.52	3.75	3.37	3.63	3.89	4.44	3.68	3.08	3.80	3.59	4.11	3.92
AVG DAYS/GROUP - TOTAL	4.47	4.64	4.50	4.51	4.40	4.54	4.52	4.45	4.48	4.43	4.44	4.60	4.42	4.52	4.59	4.63	4.67	4.58	4.68	4.69	4.54
AVG # FLOATERS/GROUP - PRIVATE	5.52	5.77	6.22	6.81	6.34	6.08	6.69	7.04	7.02	6.94	6.50	6.05	6.99	7.31	6.96	7.04	7.22	7.84	7.44	7.29	6.75
AVG # FLOATERS/GROUP - GUIDED	12.29	12.02	13.04	12.22	11.24	11.94	12.27	13.17	13.15	12.26	11.81	11.13	11.72	12.73	12.95	12.00	13.00	12.91	12.82	12.43	12.35
AVG # FLOATERS/GROUP - ADM	3.77	2.46	2.95	4.72	3.00	3.08	3.92	2.92	3.00	4.33	3.32	3.71	2.88	3.76	3.95	3.74	3.68	3.96	3.61	4.13	3.55
AVG # FLOATERS/GROUP - WAIVED	10.50	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	9.00	0.00	9.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58
AVG # FLOATERS/GROUP - LANDOWNER	5.67	5.25	4.00	3.82	3.33	3.36	4.19	3.80	6.75	5.25	4.27	4.19	5.13	3.60	3.89	4.38	3.93	3.80	5.47	4.50	4.43
AVG # FLOATERS/GROUPS - LANDOWNER NON IMMEDIATE FAMILY	5.80	5.20	5.11	5.83	6.30	4.83	7.40	5.62	6.25	7.15	5.76	6.62	6.77	6.29	7.29	5.14	5.82	5.44	5.69	7.06	6.07
AVG#FlOATERS/GROUP - PRIVATEand GUIDED	6.38	6.56	6.88	7.22	6.75	6.57	7.15	7.57	7.56	7.26	6.84	6.40	7.32	7.69	7.30	7.35	7.63	8.26	7.88	7.72	7.21
AVG # FLOATERS/GROUP - TOTAL	6.30	6.37	6.68	7.03	6.57	6.38	7.03	7.39	7.37	7.11	6.68	6.25	7.16	7.50	7.16	7.17	7.39	7.96	7.65	7.56	7.04

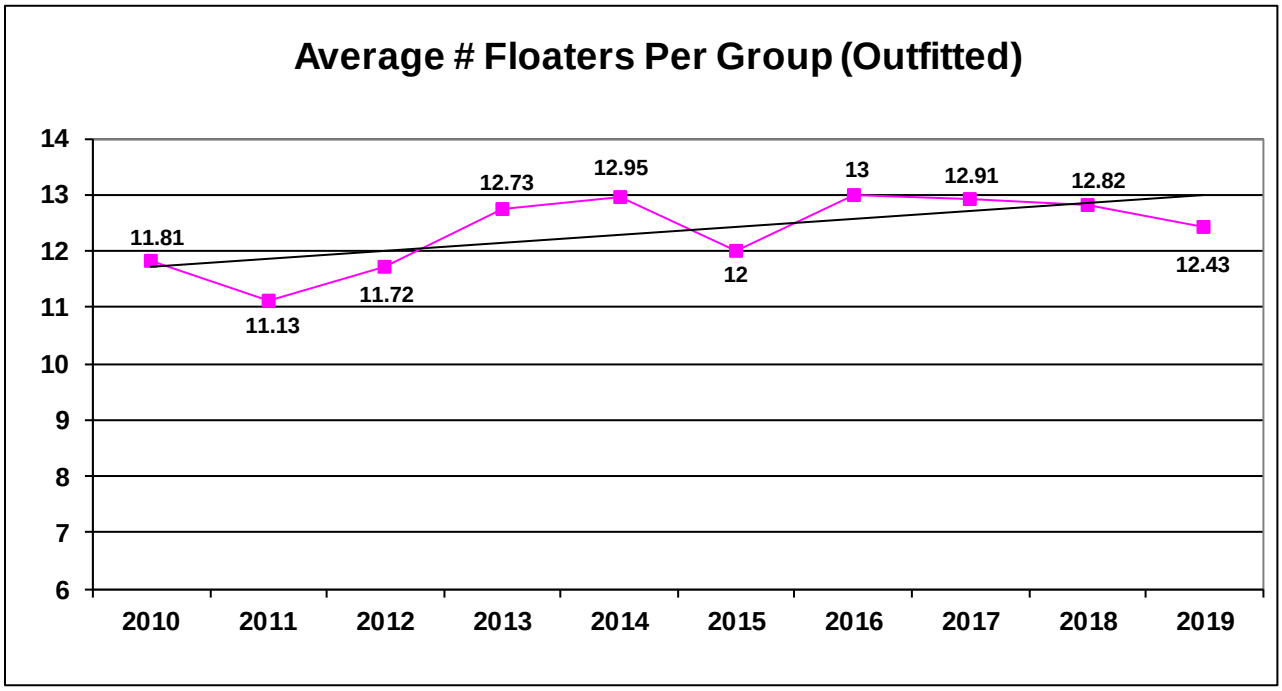
SMITH RIVER TREND STATISTICS CONTINUED (2000-2019)

YEAR	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	AVERAGE
# OF RAFTS	882	759	1101	1245	1237	1311	1560	1545	1693	1766	1624	1552	1651	1829	1965	1701	2009	2047	2291	2255	1,601
# OF CANOES	224	244	378	276	284	235	259	209	210	200	215	150	155	153	206	185	152	164	133	178	211
# OF DRIFT BOATS	44	37	63	96	86	113	119	128	138	168	163	91	115	86	131	80	118	131	195	171	114
# OF KAYAKS	67	56	151	133	157	133	206	162	184	189	151	174	214	164	204	147	180	249	246	305	174
# OF OTHER TYPE CRAFT	14	24	55	23	56	44	90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0	0	34
TOTAL NUMBER OF CRAFT	1231	1120	1748	1773	1820	1836	2234	2044	2225	2323	2153	1967	2135	2232	2506	2113	2459	2591	2865	2909	2,114
TOTAL PRIVATE CRAFT	906	837	1368	1452	1503	1494	1867	1685	1808	2008	1836	1608	1759	1925	2218	1846	2124	2166	2403	2452	1,763
TOTAL GUIDED CRAFT	269	241	293	209	218	253	240	273	307	195	220	216	240	209	205	191	248	307	342	325	250
TOTAL ADM CRAFT	28	20	42	45	28	20	33	24	37	42	37	51	34	42	58	46	40	62	64	52	40
TOTAL WAIVED CRAFT	9	0	0	0	0	0	3	0	0	0	3	0	3	3	0	0	0	0	0	0	1
TOTAL LANDOWNER CRAFT	6	10	6	20	19	20	32	18	28	39	21	28	12	10	12	18	27	19	34	29	20
TOTAL LANDOWNER NON IMMEDIATE FAMILY CRAFT	13	12	39	47	52	49	59	44	45	39	36	64	87	43	13	12	20	37	22	51	39
AVG # OF CRAFT/PRIVATE GROUP	2.66	2.88	3.04	3.23	2.99	2.84	3.21	3.32	3.23	3.23	3.00	2.98	3.10	3.63	3.30	3.44	3.51	3.63	3.49	3.46	3.21
AVG # OF CRAFT/GUIDED GROUP	5.49	5.74	6.10	5.65	4.74	5.27	4.62	5.69	5.69	5.00	5.24	5.40	5.58	5.23	5.13	5.31	5.28	5.69	5.52	5.00	5.37
AVG # OF CRAFT/ADMIN GROUP	2.15	1.54	2.10	2.50	1.75	1.67	2.54	1.85	1.68	2.00	1.95	2.13	2.00	2.00	2.64	2.42	1.60	2.30	2.29	2.26	2.07
AVG # OF CRAFT/WAIVED	4.50	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	3.00	0.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83
AVG # OF CRAFT/LANDOWNER	2.00	2.50	2.00	1.82	1.58	1.43	2.00	3.60	3.50	1.95	1.91	1.75	1.50	2.00	1.33	2.25	1.80	1.90	2.00	2.42	2.06
AVG # OF CRAFT/LANDOWNER NON IMMEDIATE FAMILY	2.60	2.40	4.33	3.92	5.20	2.72	5.90	3.38	3.75	3.00	2.12	3.05	3.95	3.07	1.86	1.71	1.82	2.31	1.69	3.19	3.10
AVG # OF CRAFT/GROUP - TOTAL	2.99	3.15	3.30	3.36	3.10	2.97	3.31	3.49	3.39	3.25	3.06	3.07	3.24	3.65	3.34	3.48	3.50	3.69	3.54	3.53	3.32
OUTFITTED % OF TOTAL GROUPS	11.89%	11.83%	9.06%	7.01%	7.84%	7.77%	7.72%	8.19%	8.23%	5.46%	5.97%	6.25%	6.53%	6.54%	5.33%	5.93%	6.69%	7.68%	7.66%	7.89%	7.57%
OUTFITTED % OF TOTAL FLOATERS	23.19%	22.33%	17.68%	12.17%	13.41%	14.54%	13.47%	14.60%	14.68%	9.41%	10.56%	11.13%	10.69%	11.09%	9.64%	9.92%	11.77%	12.45%	12.85%	12.97%	13.43%
HIGH WATER FLOW LEVEL IN CFS (daily mean)	533	447	1080	938	1650	1650	1290	853	1420	1050	2040	3820	1250	1110	1360	886	825	652	2350	1880	1,354
LOW WATER FLOW LEVEL IN CFS (daily mean)	29	34	63	43	79	100	60	43	85	87	150	151	62	55	102	68	52	51	88	108	76

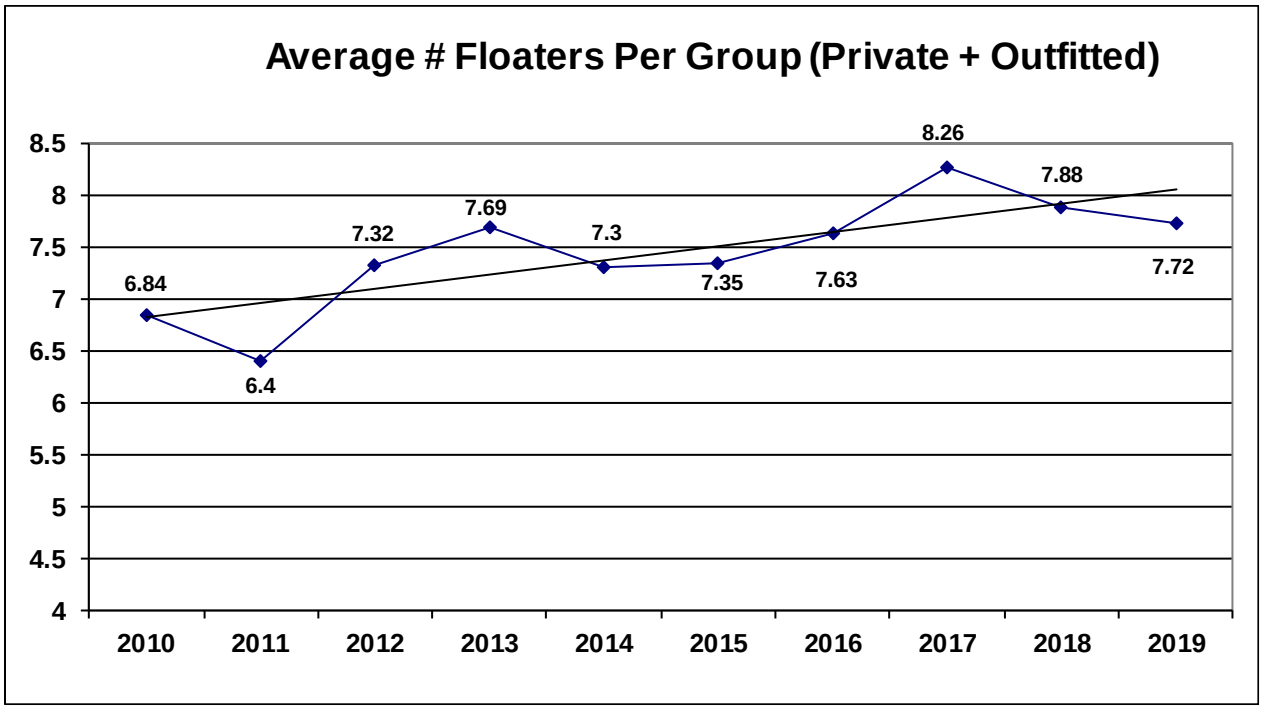
Visitor Use Trends – Average Group Size



GRAPH 14: AVERAGE GROUP SIZE PER YEAR – PRIVATE GROUPS

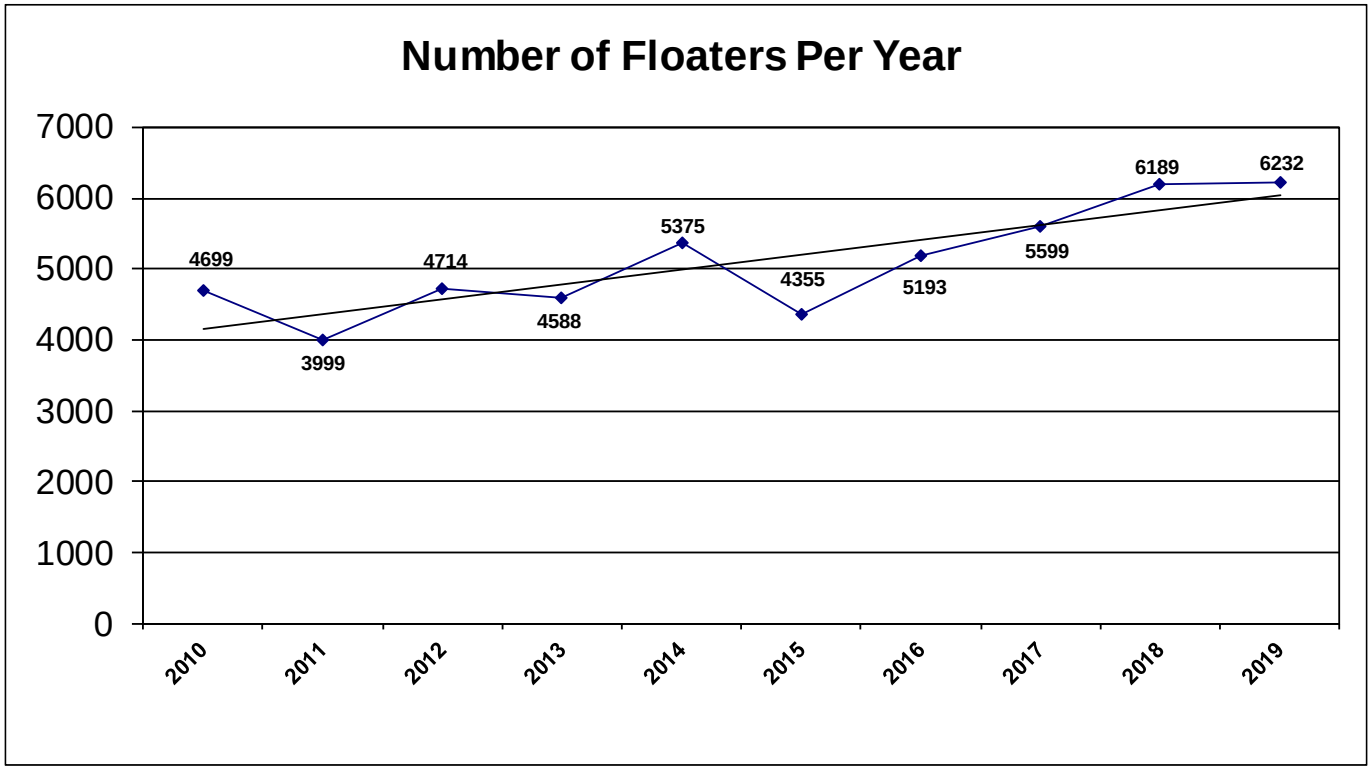


GRAPH 15: AVERAGE GROUP SIZE PER YEAR – OUTFITTED GROUPS



GRAPH 16: AVERAGE GROUP SIZE PER YEAR – PRIVATE AND OUTFITTED GROUPS

Visitor Use Trends – Number of Floaters Per Year



GRAPH 17: NUMBER OF FLOATERS PER YEAR

SMITH RIVER DAILY LOG (2019)				
2019	CFS DAILY MEAN	TOTAL NUMBER OF GROUPS ON THE RIVER EACH DAY	TOTAL NUMBER OF PEOPLE ON THE RIVER EACH DAY	AVERAGE NUMBER OF PEOPLE PER GROUP ON THE RIVER EACH DAY
1-Apr	453	0	0	0.00
2-Apr	460	0	0	0.00
3-Apr	487	0	0	0.00
4-Apr	649	0	0	0.00
5-Apr	954	0	0	0.00
6-Apr	1,200	0	0	0.00
7-Apr	1,080	0	0	0.00
8-Apr	1,250	0	0	0.00
9-Apr	1,220	0	0	0.00
10-Apr	1,080	1	2	2.00
11-Apr	888	1	2	2.00
12-Apr	669	1	2	2.00
13-Apr	587	0	0	0.00
14-Apr	573	0	0	0.00
15-Apr	549	6	16	2.67
16-Apr	557	12	34	2.83
17-Apr	544	13	38	2.92
18-Apr	614	14	46	3.29
19-Apr	922	20	76	3.80
20-Apr	1,140	18	75	4.17
21-Apr	1,200	20	94	4.70
22-Apr	1,170	24	109	4.54
23-Apr	1,200	21	97	4.62
24-Apr	1,300	24	123	5.13
25-Apr	1,250	24	123	5.13
26-Apr	1,190	21	127	6.05
27-Apr	1,110	20	130	6.50
28-Apr	1,010	15	94	6.27
29-Apr	897	11	69	6.27
30-Apr	872	14	85	6.07
1-May	793	17	93	5.47
2-May	767	25	172	6.88
3-May	703	29	198	6.83
4-May	711	26	194	7.46
5-May	721	30	219	7.30
6-May	730	26	199	7.65
7-May	752	26	205	7.88
8-May	799	31	225	7.26
9-May	808	38	253	6.66
10-May	803	38	246	6.47
11-May	814	36	221	6.14
12-May	908	34	186	5.47
13-May	1,080	31	180	5.81
14-May	1,310	33	213	6.45

SMITH RIVER DAILY LOG (2019)				
2019	CFS DAILY MEAN	TOTAL NUMBER OF GROUPS ON THE RIVER EACH DAY	TOTAL NUMBER OF PEOPLE ON THE RIVER EACH DAY	AVERAGE NUMBER OF PEOPLE PER GROUP ON THE RIVER EACH DAY
15-May	1,500	31	208	6.71
16-May	1,700	30	208	6.93
17-May	1,800	30	215	7.17
18-May	1,880	27	217	8.04
19-May	1,680	24	191	7.96
20-May	1,480	19	156	8.21
21-May	1,330	17	124	7.29
22-May	1,210	18	123	6.83
23-May	1,100	24	174	7.25
24-May	1,010	27	205	7.59
25-May	968	32	264	8.25
26-May	1,040	34	297	8.74
27-May	1,130	36	309	8.58
28-May	1,130	36	309	8.58
29-May	1,120	32	270	8.44
30-May	1,090	35	305	8.71
31-May	1,080	37	332	8.97
1-Jun	1,140	32	320	10.00
2-Jun	1,170	38	386	10.16
3-Jun	1,180	39	367	9.41
4-Jun	1,180	38	352	9.26
5-Jun	1150	41	399	9.73
6-Jun	1090	41	389	9.49
7-Jun	1180	38	336	8.84
8-Jun	1220	36	337	9.36
9-Jun	1170	40	384	9.60
10-Jun	1010	38	351	9.24
11-Jun	860	40	357	8.93
12-Jun	756	44	432	9.82
13-Jun	661	45	460	10.22
14-Jun	629	46	448	9.74
15-Jun	614	47	445	9.47
16-Jun	563	45	460	10.22
17-Jun	528	44	439	9.98
18-Jun	514	45	456	10.13
19-Jun	487	48	486	10.13
20-Jun	460	47	499	10.62
21-Jun	504	46	469	10.20
22-Jun	587	44	426	9.68
23-Jun	549	41	396	9.66
24-Jun	491	40	375	9.38
25-Jun	443	40	369	9.23
26-Jun	410	42	383	9.12
27-Jun	385	43	402	9.35

SMITH RIVER DAILY LOG (2019)				
2019	CFS DAILY MEAN	TOTAL NUMBER OF GROUPS ON THE RIVER EACH DAY	TOTAL NUMBER OF PEOPLE ON THE RIVER EACH DAY	AVERAGE NUMBER OF PEOPLE PER GROUP ON THE RIVER EACH DAY
28-Jun	377	45	396	8.80
29-Jun	359	44	384	8.73
30-Jun	340	45	409	9.09
1-Jul	328	44	412	9.36
2-Jul	337	44	415	9.43
3-Jul	491	43	438	10.19
4-Jul	512	42	408	9.71
5-Jul	457	44	374	8.50
6-Jul	420	43	376	8.74
7-Jul	437	40	332	8.30
8-Jul	447	35	258	7.37
9-Jul	514	35	276	7.89
10-Jul	462	34	273	8.03
11-Jul	409	32	246	7.69
12-Jul	377	34	280	8.24
13-Jul	378	35	271	7.74
14-Jul	390	35	280	8.00
15-Jul	399	33	273	8.27
16-Jul	388	30	233	7.77
17-Jul	364	33	242	7.33
18-Jul	343	36	257	7.14
19-Jul	312	34	234	6.88
20-Jul	287	34	201	5.91
21-Jul	271	33	179	5.42
22-Jul	248	27	148	5.48
23-Jul	218	31	154	4.97
24-Jul	190	30	148	4.93
25-Jul	175	30	156	5.20
26-Jul	164	29	157	5.41
27-Jul	159	26	144	5.54
28-Jul	155	19	109	5.74
29-Jul	153	16	86	5.38
30-Jul	153	15	73	4.87
31-Jul	148	13	50	3.85
1-Aug	139	14	52	3.71
2-Aug	126	12	49	4.08
3-Aug	118	14	60	4.29
4-Aug	120	10	39	3.90
5-Aug	117	6	20	3.33
6-Aug	119	4	14	3.50
7-Aug	118	3	9	3.00
8-Aug	118	4	24	6.00
9-Aug	123	1	4	4.00
10-Aug	146	1	4	4.00

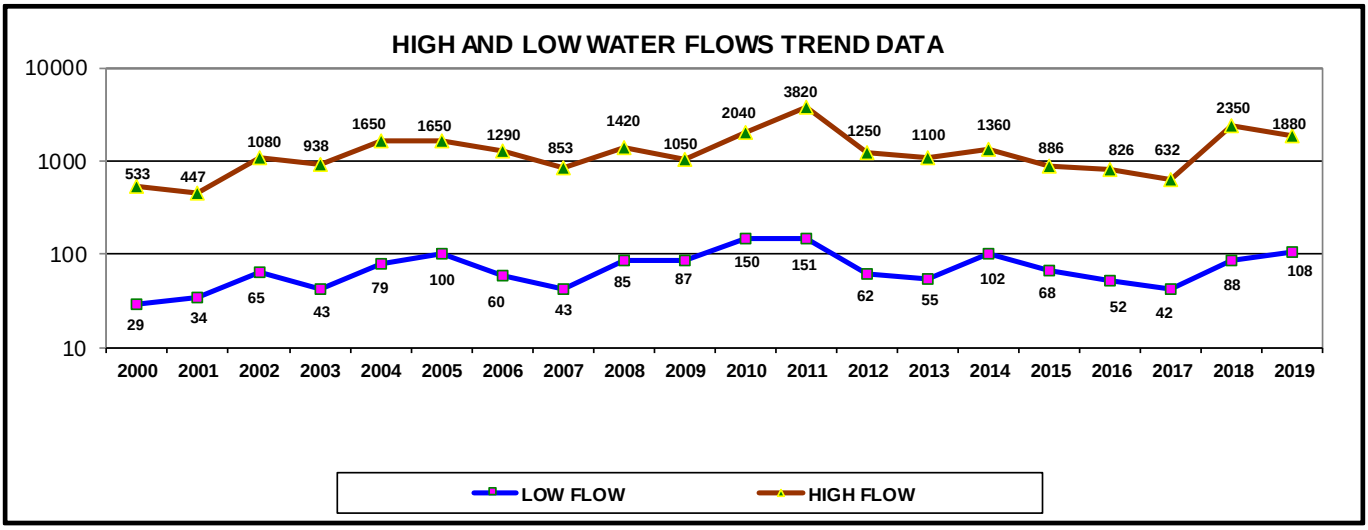
SMITH RIVER DAILY LOG (2019)				
2019	CFS DAILY MEAN	TOTAL NUMBER OF GROUPS ON THE RIVER EACH DAY	TOTAL NUMBER OF PEOPLE ON THE RIVER EACH DAY	AVERAGE NUMBER OF PEOPLE PER GROUP ON THE RIVER EACH DAY
11-Aug	195	0	0	0.00
12-Aug	195	1	2	2.00
13-Aug	171	2	5	2.50
14-Aug	160	3	14	4.67
15-Aug	147	4	23	5.75
16-Aug	135	3	20	6.67
17-Aug	137	3	20	6.67
18-Aug	141	2	18	9.00
19-Aug	133	1	9	9.00
20-Aug	124	0	0	0.00
21-Aug	116	0	0	0.00
22-Aug	111	0	0	0.00
23-Aug	119	0	0	0.00
24-Aug	121	0	0	0.00
25-Aug	123	1	2	2.00
26-Aug	121	2	3	1.50
27-Aug	122	2	3	1.50
28-Aug	117	2	3	1.50
29-Aug	112	2	3	1.50
30-Aug	120	2	3	1.50
31-Aug	124	2	7	3.50
1-Sep	121	2	7	3.50
2-Sep	118	1	6	6.00
3-Sep	115	1	6	6.00
4-Sep	112	0	0	0.00
5-Sep	108	0	0	0.00
6-Sep	110	0	0	0.00
7-Sep	142	1	8	8.00
8-Sep	146	1	8	8.00
9-Sep	173	1	8	8.00
10-Sep	183	1	8	8.00
11-Sep	220	1	8	8.00
12-Sep	265	1	2	2.00
13-Sep	231	6	16	2.67
14-Sep	208	7	23	3.29
15-Sep	187	6	16	2.67
16-Sep	175	6	17	2.83
17-Sep	174	3	8	2.67
18-Sep	178	2	6	3.00
19-Sep	174	4	10	2.50
20-Sep	174	5	16	3.20
21-Sep	215	8	22	2.75
22-Sep	233	8	21	2.63
23-Sep	211	7	23	3.29
24-Sep	198	9	32	3.56

SMITH RIVER DAILY LOG (2019)				
2019	CFS DAILY MEAN	TOTAL NUMBER OF GROUPS ON THE RIVER EACH DAY	TOTAL NUMBER OF PEOPLE ON THE RIVER EACH DAY	AVERAGE NUMBER OF PEOPLE PER GROUP ON THE RIVER EACH DAY
25-Sep	185	5	17	3.40
26-Sep	183	5	18	3.60
27-Sep	194	5	17	3.40
28-Sep	218	4	9	2.25
29-Sep	235	4	9	2.25
30-Sep	227	1	3	3.00
1-Oct	230	1	6	6.00
2-Oct	240	2	9	4.50
3-Oct	234	4	25	6.25
4-Oct	221	4	25	6.25
5-Oct	214	5	29	5.80
6-Oct	210	3	20	6.67
7-Oct	207	4	22	5.50
8-Oct	205	2	6	3.00
9-Oct	213	1	2	2.00
10-Oct	184	1	2	2.00
11-Oct	187	2	8	4.00
12-Oct	208	3	9	3.00
13-Oct	220	3	9	3.00
14-Oct	235	3	9	3.00
15-Oct	229	2	3	1.50
16-Oct	221	1	1	1.00
17-Oct	212	2	4	2.00
18-Oct	205	3	6	2.00
19-Oct	198	3	6	2.00
20-Oct	199	3	6	2.00
21-Oct	199	1	2	2.00
22-Oct	197	0	0	0.00
23-Oct	203	0	0	0.00
24-Oct	197	1	2	2.00
25-Oct	196	1	2	2.00
26-Oct	209	1	2	2.00
27-Oct	178	0	0	0.00
28-Oct	152	0	0	0.00
29-Oct	121	0	0	0.00
30-Oct	123	0	0	0.00
31-Oct	191	0	0	0.00

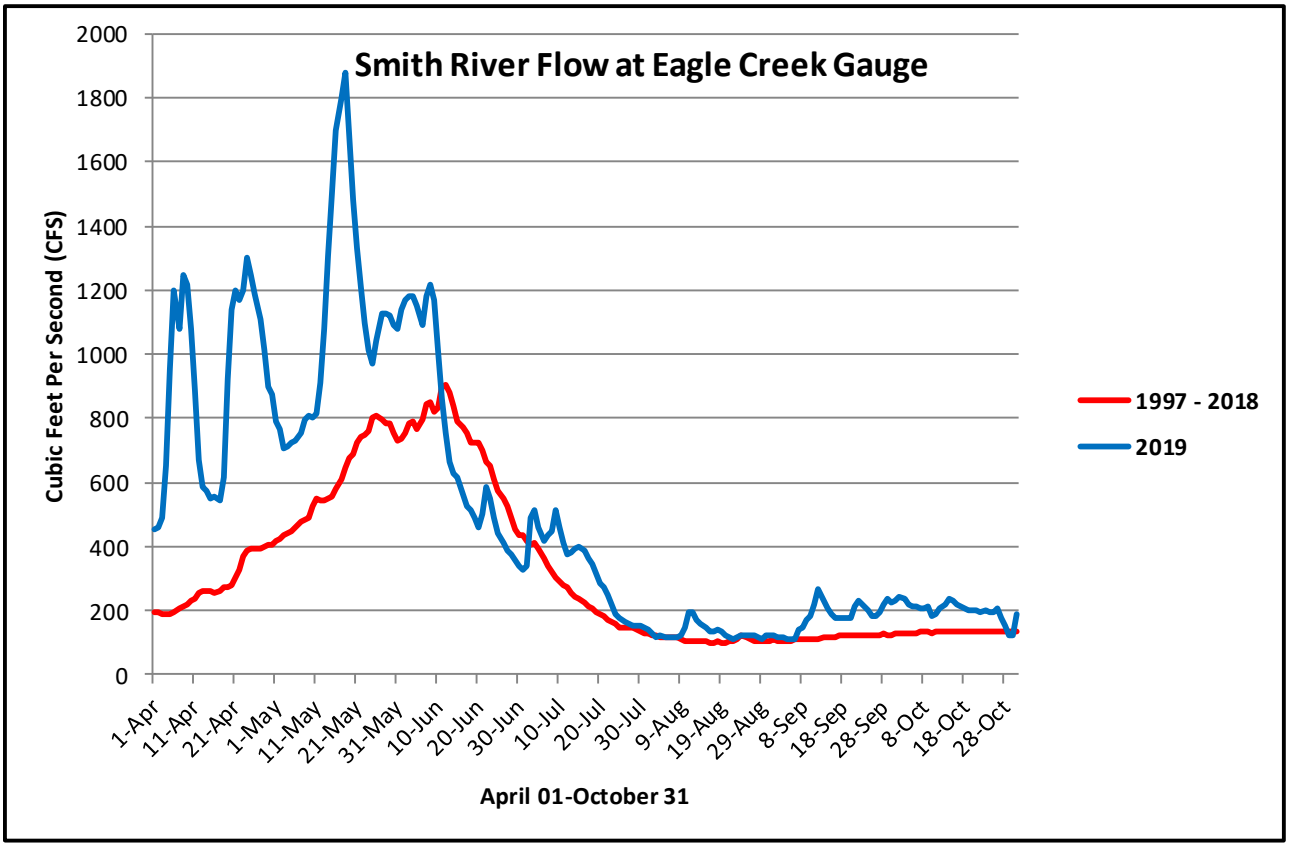
SECTION 4 – RESOURCE AND SOCIAL CONDITIONS

River Flows

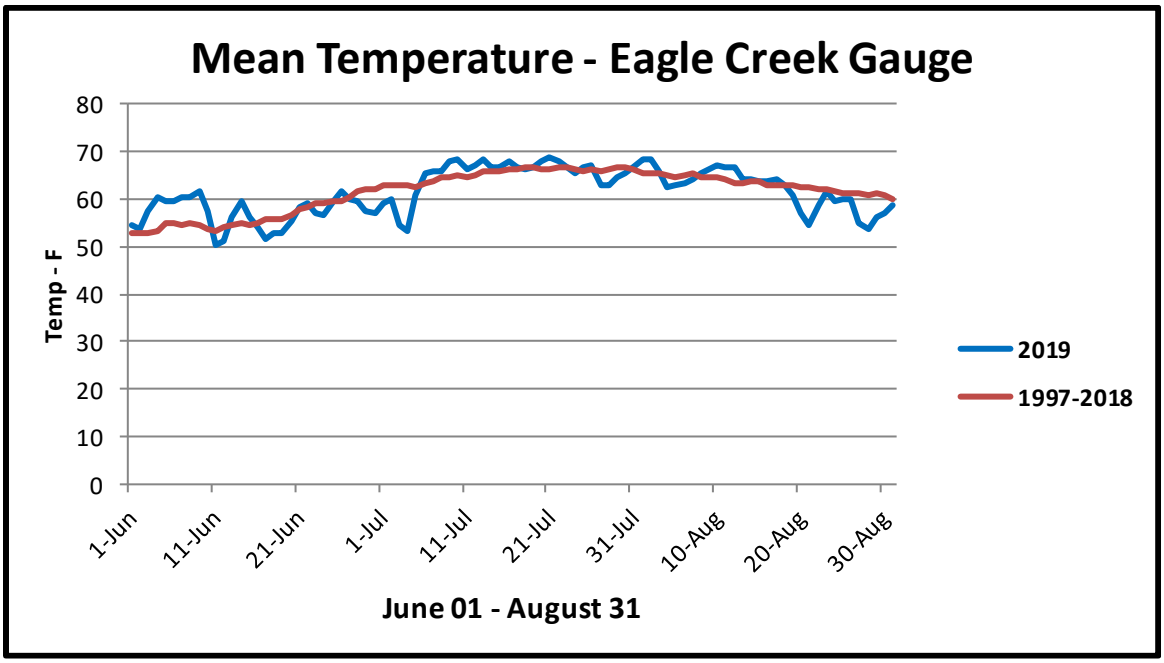
The lowest measured stream flow for the 2019 season was 108 cfs (September 05), while the peak stream flow was 1880 cfs (May 18). *High/Low flows represented as daily mean values.*



GRAPH 18: HISTORICAL RIVER FLOW TRENDS



GRAPH 19: APRIL – OCTOBER FLOW COMPARISON OF 2019 TO 1997 – 2018



GRAPH 20: JUNE – AUGUST TEMPERATURE COMPARISON OF 2018 TO 1997 – 2017

Until We Meet Again