

# Analysis of Kentucky Black Bass Genetic Results

December 2023

## Section 1. Introduction

During the fall of 2022 and spring of 2023, the Kentucky Department of Fish and Wildlife Resources collected samples for a statewide bass genetics survey. From boat electrofishing surveys, each district took fin clips from black bass in 27 waterbodies across the state of Kentucky that may be impacted by undesirable genetics. There were two primary purposes of this study: (1) to establish baseline data on the amount of Florida Bass gene introgression into our Largemouth Bass populations; (2) to detect the presence of any Alabama Bass genetics within the Spotted Bass and Smallmouth Bass populations in Kentucky.

In general, 50 phenotypic Largemouth Bass per study lake were collected for genetic sampling. A fin clip was collected from each individual fish and stored in 95% ethanol for genetic analysis. Additionally, each bass was measured for total length, weighed, and in some cases the sagittal otoliths were removed for age and growth analysis. Fin clips were sent to the U. S. Fish and Wildlife Service's Southeast Conservation Genetics Lab at Auburn University to be analyzed by Dr. Nathan Whalen and his colleagues, using a panel of 30 diagnostic single nucleotide polymorphisms (SNP's) which were identified in earlier bass genetics studies (Li et al. 2015, Zhao et al. 2018). For more details on Dr. Whalen's methods, see his methodology and final report [here](#).

Alabama Bass look nearly identical to Spotted Bass and will readily hybridize with Spotted and Smallmouth Bass. Because of their similarity in appearance and their proclivity to hybridize, fin clips from 50 phenotypic Spotted Bass or Smallmouth Bass were also collected at Kentucky Lake, Lake Barkley, Herrington Lake, Laurel River Lake, Martin's Fork Lake, and Lake Cumberland. These fin clips were tested for the presence of Alabama Bass, Largemouth Bass, Smallmouth Bass, Shoal Bass, Spotted Bass, and Coosa Bass alleles. These lakes were chosen based on the presence of Spotted Bass within the system and their relative proximity to some Tennessee waters where Alabama Bass have already become established. Those fin clips were also analyzed by the Southeast Conservation Genetics Lab. See Figure 1 for a map showing the locations where black bass genetic samples were collected along with some sample information.

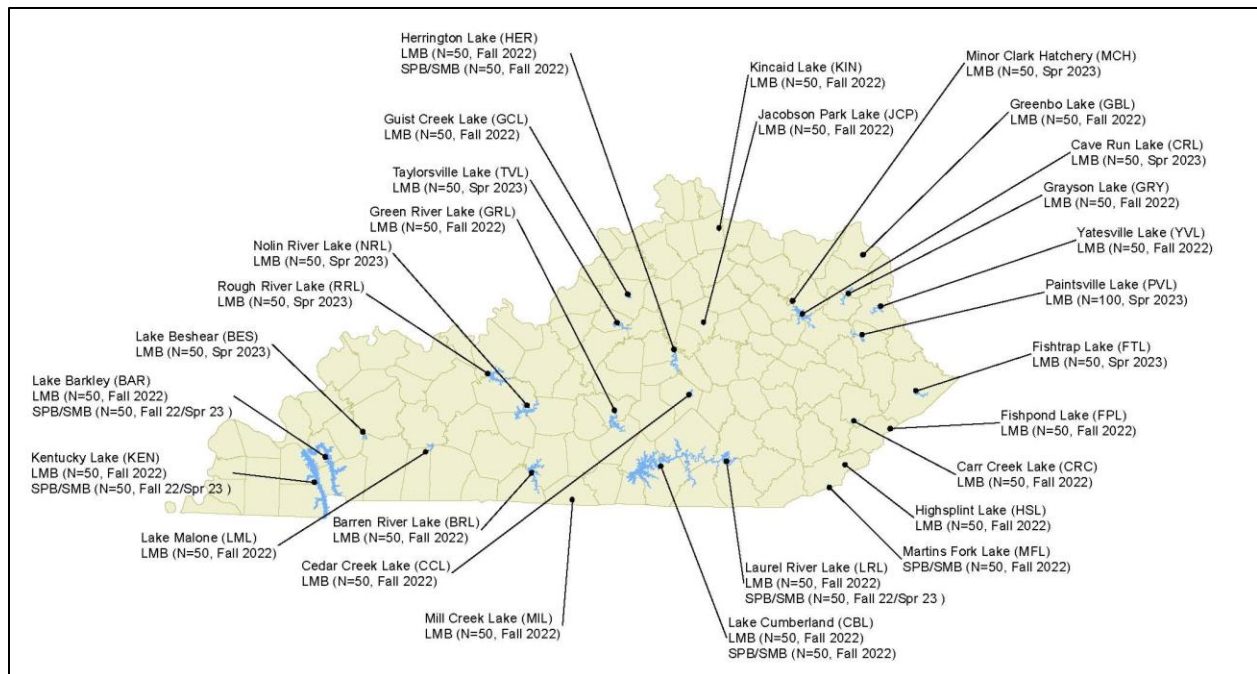


Figure 1. Map showing the locations of reservoirs where black bass genetic samples were collected for this study. The three-letter abbreviation for each lake is shown in parentheses, along with lake acreage, number of samples and collection times for analysis of potential Florida Bass introgression of Largemouth Bass (LMB) and potential Alabama Bass introgression of Spotted Bass and/or Smallmouth Bass (SPB/SMB).

## Section 2. Results

A list of all 27 water bodies where Largemouth Bass were collected, their overall average percentages of Florida Bass alleles and Largemouth Bass alleles, the average percentages of heterozygous loci and coefficient of variation of Largemouth Bass alleles is provided in Table 1. The results presented for Minor Clark Fish Hatchery represent the Largemouth Bass broodfish used at the hatchery; a discussion of these results is provided in Section 4. More detailed descriptions of results for each of the 26 reservoirs are provided in Section 5. The full data set of results is provided in the appendices.

Broadly speaking, the results are congruent with other studies of the native ranges of these species which indicate that the natural intergrade zone does not extend into Kentucky. However, there are Largemouth Bass populations in a few reservoirs which have higher than expected levels of Florida Bass introgression. These reservoirs are very small and likely stocked with Florida Bass or hybrids at some point in the past. Furthermore, the geographic distribution of the reservoirs with high introgression does not support the hypothesis of a natural introgression zone.

In recent published literature using various SNP panels, some authors have used 95% allelic frequency (Thongda et al. 2020) as the cutoff for “pure” members of a species. Others have used an average allelic frequency of 94% (Silliman et al. 2021) or even 90% (Dakin et al. 2015). The fact that 100% is not the

standard cutoff for a “pure” specimen is a testament to the uncertainty around species identification using these types of genetic tests.

Overall, the results from the 26 reservoirs tested supported our expectation that Largemouth Bass populations are composed of primarily pure or nearly pure fish. Of the lakes tested, 8 (30%) would be considered “pure” using a 95% cutoff and an additional 11 (73%) could be added if a 90% cutoff was used. It should be noted that the lakes chosen for testing were sampled explicitly because of a suspicion of the possible presence of Florida Bass alleles not at random. Despite this non-random selection, there still was a high percentage of reservoirs with pure or nearly pure Largemouth Bass observed

The coefficient of variation of the Largemouth Bass alleles is provided in Table 1 to highlight the degree of diversity within each waterbody’s sample. Waterbodies with a higher coefficient of variation indicate higher levels of allelic variation within the sample. High levels of variation within the sample are suggestive of a more recent introduction of Florida Bass alleles, whereas low levels of variation are suggestive of a pure population or an introduction which occurred much longer ago.

Unfortunately, the interpretation of these specific loci may be more imprecise than previously thought. Dr. Nathan Whalen believes our results, along with results he is getting from testing Largemouth Bass from other states, may indicate that some of these alleles are not truly diagnostic for differentiating between these two species across their entire range. There are some loci with high levels of heterozygosity in fish with otherwise homozygous allelic frequencies for the other loci. If this is the case, then the average allelic frequencies of LMB alleles would increase slightly and the actual percentage of “pure” Largemouth Bass in our samples would be slightly higher than what is being reported. Further testing in other areas of the species' ranges should clarify the utility of these alleles in the future. It is also possible that more diagnostic alleles will be discovered in the future

No Alabama Bass alleles were discovered in the samples from our six tested waterbodies. While this is very encouraging, it is impossible to completely rule out the presence of Alabama Bass within the systems during the early phases of any new introductions. Testing for this invasive species will continue in the future.

Table 1. Results of genetic sampling of putative Largemouth Bass collected from 27 waterbodies across the state in fall 2022 or spring 2023. The sample size, average percentages of Largemouth Bass and Florida Bass alleles, the coefficient of variation of the Largemouth Bass alleles in the sample, the waterbody size, and the trout stocking rate (if applicable) are provided.

Waterbody	Valid Sample Size	Average % of LMB Alleles	Average % of FB Alleles	Average % of Heterozygous Alleles	Coefficient of Variation % of LMB Alleles	Lake Size (Acres)	Trout Stocked/ Acre
Nolin River Lake	49	97.5%	2.5%	4.1%	0.02	6017	
Lake Cumberland	50	97.3%	2.7%	5.0%	0.03	47688	
Lake Beshear	50	97.0%	3.0%	4.6%	0.03	819	
Cave Run Lake	50	95.8%	4.2%	7.7%	0.03	7880	
Jacobson Park Lake	50	95.2%	4.8%	8.9%	0.03	46	
Lake Barkley	47	94.7%	5.3%	9.9%	0.03	49083	
Grayson Lake	48	94.7%	5.3%	8.2%	0.04	1300	
Barren River Lake	50	94.7%	5.3%	9.3%	0.03	9674	
Green River Lake	49	94.3%	5.7%	10.1%	0.04	8181	
Lake Malone	50	93.5%	6.5%	10.6%	0.04	814	
Paintsville Lake	98	93.4%	6.6%	11.5%	0.04	996	19
Laurel River Lake	50	93.0%	7.0%	11.7%	0.06	5768	
Yatesville Lake	46	92.8%	7.2%	12.8%	0.04	2171	
Kentucky Lake	50	91.9%	8.1%	14.0%	0.06	11787	
Taylorville Lake	50	91.5%	8.5%	14.2%	0.05	3014	
Herrington Lake	49	90.7%	9.3%	14.3%	0.07	2649	
Cedar Creek Lake	50	90.6%	9.4%	16.4%	0.04	792	
Kincaid Lake	50	90.5%	9.5%	15.6%	0.04	181	
Guist Creek Lake	50	89.8%	10.2%	16.3%	0.05	328	
Fishtrap Lake	50	87.3%	12.7%	22.2%	0.09	1038	
Carr Creek Lake	50	87.3%	12.7%	19.1%	0.06	521	
Rough River Lake	50	85.5%	14.5%	23.2%	0.07	4848	
Mill Creek Lake (Monroe Co.)	50	78.9%	21.1%	29.3%	0.20	95	
Greenbo Lake	47	74.8%	25.2%	32.8%	0.09	176	72
Fishpond Lake	50	54.2%	45.8%	43.9%	0.14	28.8	125
Highsplint Lake	50	37.6%	62.4%	40.4%	0.17	6	458
Minor Clark Hatchery	50	86.2%	13.8%	22.7%	0.13		

### Section 3. Future Management

While we did not expect these results would support stocking of Florida Bass genetics in any way, they do prompt questions. Some of the small lakes with higher percentages of Florida Bass alleles have a history of producing some large bass. Most notably, Highsplint Lake produced our current state record. Although that fish was not tested for genetics, based on the variation of the 50 fish sample in this study it is very likely that the record fish contained a similarly high percentage of Florida Bass genetics as other

fish within our sample. While it is possible that the most recent state record was an F1 or pure Florida Bass, based on our genetic analysis it is more likely that any Florida Bass stocking would have occurred many years ago and that there would be no F1's or pure Florida Bass currently present in Highsplint Lake. Confounding this issue, Highsplint Lake is a small 6-acre lake with a stunted bass population that receives trout stockings at a very high rate (>450/acre). It is typical in these stunted populations for there to be 1 or 2 large individuals who achieve large sizes because they are far less gape limited than the remaining stunted population. Their larger size enables them to be cannibalistic. The stocking of trout also tends to dramatically increase the trophy potential of those few large individuals. The 9-in stocked trout are often too large for the stunted bass to consume, but the trout are readily consumed by those few larger bass during the summer months when the trout can become lethargic or even die. Whether the bass genetics and/or the heavy stocking of rainbow trout in the lake resulted in the production of that large bass is a question still to be answered and unfortunately the other lakes with the highest percentages of Florida Bass alleles in our sample are also heavily stocked with trout which complicates any direct comparison with other water bodies (however, a sample of fish will be tested from Wood Creek Lake, which also receives trout stockings and was home of the Largemouth Bass state record immediately prior to the Highsplint Lake fish). Regardless of that uncertainty, the production of some trophy fish in those water bodies is a fact deserving of more investigation.

While there are reasons to continually evaluate the potential for Florida Bass stocking to increase trophy bass numbers in Kentucky, there are also reasons to be highly cautious. Florida Bass genetics have been stocked into multiple states over the past 50 years and the research shows that it only resulted in larger fish in certain situations. When stocked in areas too far outside of their native range they have been shown to perform worse than the native Largemouth Bass. Other states to our south like Oklahoma, Arkansas, and Tennessee use the climate metric of 3400 heating degree days or less as the farthest north they will stock Florida Bass genetics. No waterbody in Kentucky experiences less than 4000 heating degree days in an average year, so our climate is still unsuitable according to the prior research. Furthermore, Florida Bass will readily hybridize with our native Largemouth Bass. This means that any stocking of Florida Bass genetics into Kentucky waterbodies will result in permanent changes to our Largemouth Bass population's genetic composition. The large reservoirs in Kentucky are still dominated by pure Largemouth Bass with low or no levels of introgression. If we had observed widespread levels of introgression then we could have concluded that there would be less risk, but also little advantage, to stocking additional Florida Bass genetics in Kentucky. The relative purity of our samples allows us to conserve our native bass genetics. These genetics evolved here and are well adapted to the local conditions. Many biologists and anglers feel strongly that preserving native bass genetics should be the highest conservation priority.

With regards to future management practices, to ensure that the above concerns receive the respect that they deserve, we will be expanding our study to better understand the potential impacts of stocking Florida Bass genetics into Kentucky waterbodies. Although we have tested many waterbodies, a study of additional lakes statewide would provide a better understanding of our Largemouth Bass genetics. Furthermore, by examining the existing genetic diversity in some of our introgressed waterbodies we may be able to compare the fitness of hybrid stocks against the fitness of native stocks without the permanent risks associated with any stocking experiments.

Experimenting with Florida Bass stockings on even a relatively small scale carries significant risk. First, conducting an experiment in small ponds may not accurately reflect what would occur in larger

waterbodies, potentially leading towards the wrong conclusion and a costly and ineffective strategy. Second, any experiment risks the possibility of escapement into nearby waterbodies. Third, a stocking experiment like this would be best conducted in a water body which is already producing trophy-size bass, meaning one or more trophy bass lakes would be put at risk of permanent negative effects to the bass population due to outbreeding depression. For example, Lake Beshear routinely produces a balanced population with consistent catches of trophy bass and is among the purest Largemouth Bass populations in the state; conducting an experiment here would put this population at irreversible risk.

Although we do have evidence of some large fish in our highly introgressed waterbodies, that evidence is currently limited to smaller waterbodies which receive high rates of trout stocking. Aside from a few trophy fish, those populations are stunted and otherwise unremarkable. The evidence in other states suggests that stocking Florida Bass genetics in areas with more than 3400 heating degree days is ineffective at increasing numbers of trophy fish. Climate, fertility, forage availability, and other factors all play a part in the success of Florida Bass genetics. Some evidence also suggests that mixing Florida Bass genetics with Largemouth Bass genetics can cause lower survival, reduced reproductive ability, and reduced catchability. Even states to our south with more suitable climates do not stock every available waterbody due to the inherent risks to native genetic stocks. Of greatest concern is the inability to reverse any genetic changes resulting from the stocking of Florida Bass in these reservoirs. If the results of Florida Bass stockings were damaging to the bass fisheries in these reservoirs, it would be permanent.

Finally, there has been recent rapid expansion of black bass genetic testing across the eastern US and in the Chinese aquaculture system (Cheng-Fei Sun et al. 2023, Dong et al. 2019). This is greatly increasing the understanding of the distinct lineages of Largemouth Bass while also opening new lines of research into the importance of particular genes which may be linked with relevant traits like growth rate, maximum size, immune system traits, aggression, reproductive ability, and environmental suitability. It is likely that the future of bass stocking will focus on the incorporation of these particular genes rather than rudimentary mixing of different black bass species. This increased understanding of Largemouth Bass lineages also supports the strategy of taking the conservative approach of not irreversibly mixing different species.

#### **Section 4. Minor Clark Hatchery Testing**

In addition to the 26 public waterbodies, broodfish at Minor Clark Fish hatchery were also tested. This hatchery is the only one which produces Largemouth Bass for the department. Each tested broodfish was tagged with a passive integrated transponder (PIT tag). PIT tags will allow us to track the genotypes of any individual broodfish used in the rearing process in the future. The results at this location revealed the presence of higher levels of Florida Bass introgression in some fish, while others were pure or nearly pure Largemouth Bass. The original source of the hatchery bass is unknown, but these results suggest that they may have been sourced from somewhere out of state early in the hatchery's history. We know this as some of the Largemouth Bass progeny are kept and propagated at the hatchery for new broodfish and no new broodfish from an outside source have intentionally been added in many years. While most of the population had low genetic variation, a few highly introgressed individuals in this sample suggest a very recent small introduction of some Florida Bass genetics. While the exact source of those highly introgressed individuals is unknown, we theorize that these Florida Bass genetics escaped during an experiment conducted on Florida Bass growth at the hatchery from 2015 through

2017. These results highlight the escapement issues which can arise even when conducting non-native bass experiments in controlled test ponds.

In anticipation of this testing, bass rearing and stocking was suspended at Minor Clark Hatchery in 2022. However, it is likely that fish with some small degree of introgression were stocked in a few water bodies in prior years. Only 50 broodfish have been tested so far, but many more will be tested in the near future. Once testing is completed only broodfish with known genotypes of 95% or higher Largemouth Bass alleles will be used for rearing.

Additionally, because each broodfish has a unique PIT tag, it could allow a strategy of rearing and stocking more aggressive bass. Prior research has shown that aggression is a heritable trait which can be selected for in hatchery settings by choosing broodfish which have shown a tendency to be more easily caught by angling. Research also shows that aggressive traits like catchability tend to decline in populations exposed to high levels of fishing pressure, so this may be a way to stock bass which are more likely to be caught by anglers than wild fish. The implementation of this strategy would have a relatively low cost since each fish will already be uniquely tagged. However, to our knowledge, this approach has not been attempted in a large water body and it would likely be difficult to achieve noticeable changes in catchability on a population level.

## **Section 5. Waterbody Specific Results of Florida Bass Introgression Testing**

The following information was prepared by District Fisheries Biologists across the state on the 26 lakes tested. Further questions or clarity regarding the information presented should be referred to the local District Fisheries Biologist for that water body.

### Eastern Fisheries District

*Paintsville Lake:* Genetic sampling originally took place in the fall of 2022. However, it was decided that collecting samples in spring of 2023 would be more useful since those fish could also provide age and growth data through the collection of otoliths from those fish. One hundred Largemouth Bass were randomly selected from the Spring 2023 sample for testing.

On average, Largemouth Bass alleles accounted for 93.4% of the total Largemouth Bass and Florida Bass alleles. A few individual fish (14 of the 100) had Florida Bass allele percentages over 10% and two notable outliers had Florida Bass allele percentages of 21.4%.

- Items of note about Paintsville Lake: Paintsville Lake is a 1,001-acre USACE flood control and water supply reservoir located in Johnson and Morgan counties. The dam was completed in 1983 on Paint Creek, a tributary of the Levisa Fork of the Big Sandy River. The results at Paintsville Lake were not an outlier from the rest of our large waterbodies but were still somewhat unexpected. In 2022 a group of anglers partnered with the new Fisheries Management Division of Major League Fishing to collect genetic samples at a Largemouth Bass tournament held at Paintsville Lake. They conducted swab testing on 97 bass and sent them to Dr. Eric Peatman's laboratory at Auburn University. The results showed much higher levels of Florida Bass introgression at Paintsville Lake than our recent results from the fin clip testing in 2023. The angler-caught bass genetic results showed an average of only 44.2% Largemouth Bass

alleles and 55.7 % Florida Bass alleles. The relatively high percentage of Florida Bass alleles alone would have made it an outlier from the rest of Kentucky's major reservoirs, but even more interestingly the coefficient of variation of the Largemouth Bass allele percentage was 0.52 which is much higher than any waterbody in our sample. The percentage of Florida Bass alleles in the angler-caught sample ranged from 98% down to 2% with several pure (>95%) Florida Bass individuals. Based on that high variation alone, it would have indicated a very recent, major, illegal introduction of Florida Bass into Paintsville Lake to be able to affect the genetics to that degree. However, the latest genetic testing results detailed in this report indicate a pure or nearly pure Largemouth Bass population which has not received any major influxes of Florida Bass genetics. Throughout its history, 1991 and 1992 were the only years the KDFWR stocked Largemouth Bass in Paintsville Lake. Paintsville Lake is also home to a variety of invasive aquatic vegetation including Brazilian Elodea and Hydrilla.

*Yatesville Lake:* Fifty Largemouth Bass samples collected from 12 locations in the upper, middle and lower sections of the lake were submitted for testing in the fall of 2022.

On average, Largemouth Bass alleles accounted for 92.8% of the total Largemouth Bass and Florida Bass alleles. Thirteen fish tested had Florida Bass alleles over 10%, but none more than 13.3%.

- Items of note about Yatesville Lake: Yatesville Lake is a 2,282-acre USACE flood control reservoir constructed between 1986 and 1989 on Blaine Creek, a tributary of the Big Sandy River. Yatesville Lake is located in Lawrence County. The lake has not had any previous genetic testing of Black Bass. Yatesville Lake was stocked by the KDFWR with Largemouth Bass in 1991, 2006, 2009, and 2012.

*Fishtrap Lake:* One hundred fish were randomly selected from spring electrofishing samples at Fishtrap Lake in the spring of 2023 for genetic testing. Otoliths were also collected from these fish for age and growth determinations. Only 50 of the 100 fin clips were sent out for DNA analysis and the others remain preserved in 100% ethanol for further testing if needed.

On average, Largemouth Bass alleles accounted for 87.3% of the total Largemouth Bass and Florida Bass alleles. Thirty-four bass had more than 10% Florida Bass alleles and 6 bass had greater than 20% Florida Bass alleles. The level of variation in this sample is suggestive of a more recent introduction of Florida Bass genetics within the system.

- Items of note about Fishtrap Lake: Fishtrap Lake is a 1,071-acre USACE flood control reservoir constructed between 1962 and 1968 on the Levisa Fork, a tributary of the Big Sandy River. It is located in Pike County. The lake has not had any previous genetic testing of black bass. Fishtrap Lake was stocked by the KDFWR with Largemouth Bass in 1969, 2008-2010, 2013, 2014, 2017, 2018, 2020, and 2021.

*Carr Creek Lake:* Fifty fish were randomly selected by electrofishing in the fall of 2022 for genetic testing. Samples were collected from 2 locations including upper and lower sections of the lake.

On average, Largemouth Bass alleles accounted for 87.3% of the total Largemouth Bass and Florida Bass alleles. Twenty-seven bass had greater than 10% Florida Bass alleles and 4 bass had greater than 20% Florida Bass alleles. The low level of variation suggests that the Florida Bass introduction happened many years ago.



- Items of note about Carr Creek Lake: Carr Creek Lake is a 537-acre USACE flood control reservoir located in Knott County. Its dam was completed in 1976 and is located 8.8 miles above the mouth of Carr Fork, a tributary of the North Fork of the Kentucky River. This lake has not had any previous genetic testing of black bass. The lake has been stocked by the KDFWR with Largemouth Bass multiple times over its history due to poor recruitment. Years of stocking include 1976, 1993-1994, 1996-1997, 1999-2011, 2013-2015, and 2018-2019. In recent years, a significant expansion of invasive vegetation (Hydrilla) has led to an increase in natural recruitment and no additional stockings of Largemouth Bass have been required.

*Fishpond Lake:* Fifty fish were randomly collected by electrofishing in the fall of 2022 for genetic testing. Samples were collected from the shoreline at multiple locations throughout the entire lake.

On average, Largemouth Bass alleles accounted for 54.2% of the total Largemouth Bass and Florida Bass alleles. This population has among the highest levels of introgression in the state. Only 9 of the sampled fish had more than 60% Largemouth Bass alleles. The level of variation suggests that Florida Bass genetics were introduced here many years ago, but at a level that heavily influenced the bass genetics.

- Items of note about Fishpond Lake: Fishpond Lake is a 32-acre lake owned and operated by the Letcher County Fiscal Court. The KDFWR has a memorandum of agreement (MOA) with Letcher County to manage the fishery and stock fish as needed while keeping the lake open to the public and subject to enforcement of statewide fishing regulations. The initial stocking of Fishpond Lake was performed privately, prior to the MOA between the KDFWR and Letcher County Fiscal Court. The KDFWR currently stocks Rainbow Trout annually at a rate of 125 fish/acre. Largemouth Bass were stocked by KDFWR in 1965, 1979, 1987, and 2016. This lake has not had any (known) previous black bass genetic testing.

*Highsplint Lake:* Fifty fish were randomly collected by electrofishing in the fall of 2022 from all areas the lake. Fin clips from those fish were submitted for genetic testing

On average, Largemouth Bass alleles accounted for 37.6% of the total Largemouth Bass and Florida Bass alleles. This is the highest level of Florida Bass introgression observed thus far in the state of Kentucky. No fish from our sample had greater than 50% Largemouth Bass alleles. Although the overall variation observed here was the highest, the lack of major outliers is still suggestive of an introduction many years ago.

- Items of note about Highsplint Lake: Highsplint Lake is a 6-acre lake owned and operated by the Harlan County Fiscal Court. The KDFWR has a memorandum of agreement (MOA) with Harlan County to manage the fishery and stock fish as needed while keeping the lake open to the public and subject to enforcement of statewide fishing regulations. The KDFWR previously stocked Rainbow Trout annually at a rate of 458 fish/acre. The Rainbow Trout stocking rate was recently lowered to 375 fish/acre. Highsplint Lake produced our current state record Largemouth Bass. While that fish was not tested for genetics, based on the variation of the 50-fish sample in this study it is very likely that record fish contained similarly high percentages of Florida Bass genetics as other fish within our sample from the lake. Whether the bass genetics and/or the heavy stocking of Rainbow Trout in the lake resulted in the production of that large bass is a question still to be answered. The lake itself was privately owned prior to 1993 and was likely

stocked with Florida Bass or hybrids when it was privately owned. The KDFWR has not stocked any additional Largemouth Bass in this lake. This lake has not had any (known) previous black bass genetic testing.

### Southeastern Fisheries District

*Lake Cumberland:* Fifty Largemouth Bass were randomly collected by electrofishing from four areas of the lake including Fishing Creek, Faubush Creek, Lily Creek, and the Dam in the fall of 2022. These areas are the standardized sampling locations used for black bass assessment on Lake Cumberland. Fin clips from these fish were submitted for genetic testing.

On average, Largemouth Bass alleles accounted for 97.3% of the total Largemouth Bass and Florida Bass alleles. Only 6 of the 50 fish had a Florida Bass allele percentage over 5%, and only one was greater than 15%. This is one of the purest populations of Largemouth Bass in the state.

- Items of note about Lake Cumberland: Lake Cumberland is a 47,698-acre USACE flood control reservoir located in Wayne, Russell and Pulaski counties. The lake was first stocked with Largemouth Bass in 1978. Additional stockings of Largemouth Bass by the KDFWR occurred in 2010, 2012, 2014, 2015, 2017, and 2019. Given the size of Lake Cumberland, stocking rates are generally low, with stocking rates being less than two fish per acre in all years, except 2010 when bass were stocked at six fish per acre.

*Laurel River Lake:* Fifty Largemouth Bass were randomly collected by electrofishing in the fall of 2022 from 7 areas including Craigs Creek, Marsh Branch, the Dam, Eagle Nest, Rogers Creek, Spruce Creek, and 312 Bridge. Fin clips from those fish were submitted for genetic testing. Additional fin clips were also collected during an age and growth study in the spring of 2023, but those clips have not been tested.

On average, Largemouth Bass alleles accounted for 93.0% of the total Largemouth Bass and Florida Bass alleles. Of the 50 fish tested, 26 had Florida Bass alleles over 5% and ten had more than 10% Florida Bass alleles.

- Items of note about Laurel River Lake: Laurel River Lake is a 5,768-acre USACE flood control reservoir located in Laurel and Whitley counties. Laurel River Lake was first stocked in 1973 at a rate of 2 fish per acre. As part of the Bass Stocking Initiative (BSI), Laurel River Lake is a Priority One lake in the program and has been stocked numerous times since the inception of the program, including 2005-2008, 2010-2011, and 2022.

*Cedar Creek Lake:* Fifty fish were randomly selected by electrofishing in the fall of 2022 from two locations in the lake including the upper and lower sections. These areas are the standardized sampling locations used for Largemouth Bass on Cedar Creek Lake. Fin clips from these fish were submitted for genetic analysis.

On average, Largemouth Bass alleles accounted for 90.6% of the total Largemouth Bass and Florida Bass alleles. Twelve of the 50 fish tested had a Florida Bass allele percentage over 10%.

- Items of note about Cedar Creek Lake: Cedar Creek Lake is a 788-acre reservoir in Lincoln County. Cedar Creek Lake was built by the KDFWR in 2002 and was stocked with Largemouth

Bass in 2003 when the lake was first impounded. In total, 45,000 fry, 16,250 fingerlings, and 2,500 adult Largemouth Bass were stocked to create the initial bass population. Although Cedar Creek Lake is a Priority One Lake in the BSI program, no additional bass have been stocked into the lake as natural reproduction has been adequate to support the bass population.

### Northeastern Fisheries District

*Cave Run Lake:* Fifty Largemouth Bass were randomly collected by electrofishing from 3 different areas on the lake in the spring of 2023 and small fin clips were taken for genetic analysis. Otoliths were also collected so that genetic makeup could be matched with age and growth characteristics at a later time.

On average, Largemouth Bass alleles accounted for 95.8% of the total Largemouth Bass and Florida Bass alleles. Cave Run Lake is one of the purest Largemouth Bass Lakes in the state. In fact, only 13 of the 50 fish had a Florida Bass allele percentage over 5%, and only one was greater than 10%.

- Items of note about Cave Run Lake: Cave Run Lake is a 7,977-acre USACE flood control reservoir located in Bath, Meniffee, Rowan, and Morgan counties. Cave Run Lake is one of the better bass producing lakes (determined by catch rates of age-1 fish) in the state and hasn't had the recent need for outside stocking. The lake was stocked frequently in the past, with stockings occurring in 1974, 1980-1982, 1984-1989, 1991-1994, 2001, 2003, 2005, 2009, and 2011.

*Grayson Lake:* Fifty Largemouth Bass were randomly selected by electrofishing from 3 different areas on Grayson Lake in the fall of 2022 and small fin clips were taken for genetic analysis.

On average, Largemouth Bass alleles accounted for 94.7% of the total Largemouth Bass and Florida Bass alleles and categorize the Grayson Lake Largemouth Bass population as pure. Of the 50 fish collected only nine had a Florida Bass allele percentage over 10% and 20 had a Florida Bass allele percentage over 5%.

- Items of note about Grayson Lake: Grayson Lake is a 1,512-acre USACE flood control reservoir located on the Little Sandy River in Carter and Elliott counties. Grayson Lake has historically had a stunted bass population. KDFWR stocked Largemouth Bass into Grayson Lake in 1976, 1977, 1982, 1989, 1990, 1998, 1999-2004, 2008, and 2009.

*Greenbo Lake:* Fifty Largemouth Bass were randomly selected by electrofishing across the entirety of the lake in the fall of 2022 and fin clips were collected for genetic analysis.

On average, Largemouth Bass alleles accounted for 74.8% of the total Largemouth Bass and Florida Bass alleles. Of lakes that were tested, this population has the third highest percentage of Florida Bass alleles. The KDFWR's first Largemouth Bass stocking in Greenbo Lake occurred in 1956 and additional stockings occurred in 1964, 2007, 2008, 2010, 2011, 2015, 2016 (part of Trophy Fish Program stocking), 2019, 2021, and 2022. Additionally, Greenbo Lake was privately owned prior to state park ownership and the origins of the initially stocked fish are unknown.

- Items of note about Greenbo Lake: Greenbo Lake is a 179-acre KDFWR-owned lake located in Greenup County. It is the home of 2 previous state record Largemouth Bass (an 11lb, 10oz. fish caught in 1965 and a 13lb, 8oz. fish caught in 1966). It is currently stocked with both Rainbow

(61 fish/acre) and Brown (11 fish/acre) trout. Rainbow Trout stockings started in 1965, the same year the first state record was caught. Brown Trout stockings began in 2020.

### Central Fisheries District

*Guist Creek Lake:* Fifty Largemouth Bass were randomly collected by electrofishing throughout the entire lake in fall of 2022. Fin clips were taken from these fish for genetic analysis.

On average, Largemouth Bass alleles accounted for 89.9% of the total Largemouth Bass and Florida Bass alleles. Twenty-two of the 50 fish had a Florida Bass allele percentage over 10%, and four were greater than 15%. Only 8 of the 50 fish were considered pure Largemouth Bass, suggesting that the introduction of Florida Bass genetics was not recent.

- Items of note about Guist Creek Lake: Guist Creek Lake is a 317-acre KDFWR-owned lake located in Shelby County. It is located on Guist Creek which is a tributary to Brashears Creek that flows into the Salt River downstream of Taylorsville Lake. Due to poor year classes, Guist Creek Lake has been stocked on a regular basis with stockings occurring in 1961, 1963, 1964, 1975-1977, 1979-1995, 2002-2004, 2007, 2009-2012, 2014, 2018, 2019, 2021, and 2022. It is suspected that illegal stocking has occurred over the years due to the sporadic presence of Spotted Bass ( $\geq 12.0$  in) and Smallmouth Bass ( $\geq 18.0$  in) in our samples. Guist Creek Lake is one of the better quality-largemouth bass fisheries in the Central Fisheries District.

*Taylorsville Lake:* Fifty Largemouth Bass were collected by electrofishing from 3 locations (Big Beech Creek, Ashes Creek and Chowning Lane areas) in the spring of 2023. Fin clips were taken for genetic analysis.

On average, Largemouth Bass alleles accounted for 91.5% of the total Largemouth Bass and Florida Bass alleles. Of the 50 fish tested, 17 were considered pure Largemouth Bass, 12 had a Florida Bass allele percentage over 10%, and 5 had more than 15% Florida Bass alleles.

- Items of note about Taylorsville Lake: Taylorsville Lake is a 2,936-acre USACE flood control reservoir located in Spencer, Anderson, and Nelson counties. Taylorsville Lake was formed by impoundment of the Salt River upstream of Taylorsville, KY, and is a direct tributary to the Ohio River. Due to poor year classes, Taylorsville Lake has been stocked routinely with Largemouth Bass. Stocking years include 1983, 1985-1992, 2000-2008, 2010, 2011, 2014, 2015, 2017-2019, 2021, and 2022. In terms of usage (angler and recreational), Taylorsville Lake is one of the most popular lakes in the Central Fisheries District.

*Herrington Lake:* Fifty Largemouth Bass were randomly selected by electrofishing from four areas (Chimney Rock, Gwinn Island, Stoney Cove, and Upstream of Dunn Island) for genetic testing in the fall of 2022. However, results were only returned from the lab for 49 of the 50 samples submitted.

On average, Largemouth Bass alleles accounted for 90.7% of the total Largemouth Bass and Florida Bass alleles. Of the 49 fish tested, 13 had a Florida Bass allele percentage over 10%, 1 had a Florida Bass allele percentage of 40%, and 13 were considered pure Largemouth Bass. The high Florida Bass allele percentage in the one fish suggests there may have been some recent introductions of Florida Bass genetics into the lake.

- Items of note about Herrington Lake: Herrington Lake is a 2,657-acre reservoir located in Mercer, Boyle, and Garrard counties. Herrington Lake is the oldest lake in the Central Fisheries District and is owned by Kentucky Utilities. Herrington Lake was created by impounding the Dix River about 3 miles upstream of its confluence with the Kentucky River. The KDFWR has stocked Largemouth Bass into the lake in 1971, 2003, 2004, 2007, 2010, 2012, 2014, 2016-2019, and 2022.

*Jacobson Park Lake:* Fifty Largemouth Bass were randomly selected by electrofishing throughout the entire lake in the fall of 2022 for genetic analysis.

On average, Largemouth Bass alleles accounted for 95.2% of the total Largemouth Bass and Florida Bass alleles. Only 3 of the 50 fish tested had a Florida Bass allele percentage over 10% and 34 were considered pure Largemouth Bass. This population is among the purest in the state.

- Items of note about Jacobson Park Lake: Jacobson Park Lake is a small, 46-acre park lake located in Fayette County. Jacobson Park Lake is owned by Kentucky American Water and is directly connected to Lake Ellerslie Fishing Club via a large culvert. Lake Ellerslie Fishing Club has stocked 13,213 F-1 Tiger Bass from 2005-2022; however, based on the genetic results, Florida alleles were found at a very low occurrence in Jacobson Park Lake. Jacobson Park Lake is currently enrolled in the FINs (Fishing In Neighborhoods) program and has not been stocked with Largemouth Bass since 2008. Prior to 2008, the lake was stocked with Largemouth Bass in 1981-1985, 1993, 1995-1997, 1999-2004, and 2007.

*Kincaid Lake:* Fifty Largemouth Bass were randomly selected by electrofishing throughout the entire lake in the fall of 2022. Fin clips were taken from these bass for genetic analysis

On average, Largemouth Bass alleles accounted for 90.5% of the total Largemouth Bass and Florida Bass alleles. Of the 50 fish sampled, 19 had a Florida Bass allele percentage over 10%, 1 had a Florida Bass allele percentage over 15%, and 7 were considered pure Largemouth Bass.

- Items of note about Kincaid Lake: Kincaid Creek was impounded to create 162-acre Kincaid Lake and it is a direct tributary to the Licking River. Kincaid Lake is owned and managed by the KDFWR and is located in Pendleton County. The Kincaid Lake bass population exhibits slow growth and older ages compared to bass populations in other lakes in the Central Fisheries District. The only Largemouth Bass stockings in Kincaid Lake occurred in 1972 and 2010. In 2011, muscle and liver samples were used to evaluate the genetic composition of Largemouth Bass at Kincaid Lake. A total of 5 loci were analyzed resulting in 95% to 98% of the sample expressing Largemouth Bass alleles while Florida Bass alleles ranged from 2% to 5%.

#### Southwestern Fisheries District

*Barren River Lake:* Fifty Largemouth Bass were randomly collected by electrofishing from 4 different areas on the lake in the fall of 2022. Sagittal otoliths were also collected so that genetic makeup could be matched with age and growth characteristics at a later time.

On average, Largemouth Bass alleles accounted for 94.7% of the total Largemouth Bass and Florida Bass alleles and categorize the Barren River Lake Largemouth Bass population as pure. Twenty-five of the 50

fish had a Florida Bass allele percentage over 5%, and only one had a Florida Bass allele percentage greater than 10%.

- Items of note about Barren River Lake: Barren River Lake is a 9,934-acre USACE flood control reservoir located in Allen and Barren counties. Barren River Lake is one of the better bass producing lakes in the state as determined by catch rates of age-1 fish. Barren River Lake has only been stocked with Largemouth Bass in 2019 and 2021.

*Green River Lake:* Fifty Largemouth Bass were randomly selected by electrofishing from 4 different areas on the lake in the fall of 2022. Fin clips were taken from these fish for genetic analysis.

On average, Largemouth Bass alleles accounted for 94.7% of the total Largemouth Bass and Florida Bass alleles, so the population at Green River Lake is considered pure. Of the 50 fish collected, 5 had a Florida Bass allele percentage over 10% and 22 had a Florida Bass allele percentage over 5%.

- Items of note about Green River Lake: Green River Lake is an 8,518-acre USACE flood control reservoir located in Taylor and Adair counties. Due to multi-port discharge capabilities on the reservoir, Green River Lake has a higher likelihood of fish escapement/emigration than most KY USACE reservoirs (Louisville District), as discharge ports remain above the thermocline for the entirety of the reservoir stratification period. Green River Lake has only been stocked with Largemouth Bass in 1977 and 2006.

*Mill Creek Lake (Monroe County):* Fifty Largemouth Bass were randomly selected by electrofishing across the entirety of the lake in the fall of 2022. Fin clips were taken for genetic analysis.

On average, Largemouth Bass alleles accounted for 78.9% of the total Largemouth Bass and Florida Bass alleles. Compared to our other tested waterbodies, this population has a relatively high number of Florida Bass alleles. It also has the highest levels of variation of all the lakes tested, suggesting that an introduction may have occurred more recently than in other introgressed waterbodies.

- Items of note about Mill Creek Lake: Mill Creek Lake is a 95-acre lake located in Monroe County and is owned by the City of Thompkinsville, but managed by the KDFWR. Due to proximity to the Cumberland River and Dale Hollow Lake, the lake's propensity to receive angler introductions (as evidenced by observations of striped bass, sauger, white bass, alewives, spotted bass, and smallmouth bass during electrofishing surveys over the years) is likely higher than most. Mill Creek Lake was stocked with bass in 2016.

#### Northwestern Fisheries District

*Rough River Lake:* In total, 142 fin clips were collected from Rough River Lake across ten sites by electrofishing in the spring of 2023. Fifty of the fin clips were randomly sent for genetic testing. Each fish that was chosen for testing was weighed, measured, and its otoliths were collected for age and growth analysis at a later date.

On average, Largemouth Bass alleles accounted for 85.5% of the total Largemouth Bass and Florida Bass alleles, so the population at Rough River Lake is slightly introgressed. Only one of the 50 fish collected would be considered a pure Largemouth Bass, while 7 had a Florida Bass allele percentage of more than 20%.

- Items of note about Rough River Lake: Rough River Lake is a 4,698-acre USACE flood control reservoir located in Breckinridge and Grayson counties. Genetic samples were taken on Rough River Lake in 1988, 1991, and 2005. In the 1988 and 1991 samples, Rough River Lake had a high variation of Largemouth Bass alleles and was found to be the most genetically diverse population of the samples taken. The population of Rough River Lake at that time was found to be 85% Largemouth Bass and 15% Florida Bass. In the 2005 results, Rough River had 90-92% Largemouth Bass alleles and 8-10% of Florida Bass alleles. The 2023 results show that the average Largemouth Bass alleles are 85.5% (14.5% Florida Bass alleles). The accuracy of the testing and number of loci evaluated have increased over time, but the most recent genetic results show little change from the previous genetic samples taken in 1988. This and the relatively low variance in the sample suggests that the introduction of Florida Bass genetics occurred prior to 1988 and possibly much longer ago. The department has never stocked Largemouth Bass in Rough River Lake.

*Nolin River Lake:* A total of 149 fin clips were taken from Nolin River Lake bass by electrofishing across 10 sites in the spring of 2023. At each location, Largemouth Bass were chosen at random for genetic sampling. Fifty of the clips were randomly sent for genetic testing; however, only 49 samples had usable results. Sagittal otoliths from each fish were collected for age and growth analysis at a later date.

On average, Largemouth Bass alleles accounted for 97.5% of the total Largemouth Bass and Florida Bass alleles, making Nolin River Lake the purest Largemouth Bass population tested. Only 5 of the 50 fish collected had a Florida Bass allele percentage greater than 5%.

- Items of note about Nolin River Lake: Nolin River Lake is a 5,596-acre USACE flood control reservoir located in Grayson, Edmonson, and Hart counties. Based on the results from Rough River Lake, the results for Nolin River Lake are slightly surprising. Rough River Lake is just 30 miles north of Nolin River Lake. It may be appropriate to use the data from Rough River Lake and compare it to the data of Nolin River Lake to potentially compare growth and fitness between a mixed genetic population and a population with pure Largemouth Bass. The department has never stocked Nolin River Lake with Largemouth Bass.

*Lake Malone:* In the fall of 2022 a total of 50 fin clips across 5 sites were collected by electrofishing from Lake Malone. At each location, Largemouth Bass were chosen at random for genetic sampling.

On average, Largemouth Bass alleles accounted for 93.5% of the total Largemouth Bass and Florida Bass alleles. Only 4 of the 50 fish collected had a Florida Bass allele percentage over 10%.

- Items of note about Lake Malone: Lake Malone was a private, 767-acre lake impounded by Mr. William C. Malone in 1961. Since then, the lake has been owned by the Kentucky Department of Fish and Wildlife Resources. Lake Malone was previously genetically tested in 2005. In the 2005 study, Lake Malone expressed 94-100% Largemouth Bass genetics, suggesting little change in the population since that time. Lake Malone has never been stocked with Largemouth Bass.

## Western Fisheries District

*Kentucky Lake:* Fifty Largemouth Bass were randomly collected by electrofishing from our standardized electrofishing sample sites in the fall of 2022. Individual lengths and weights were also recorded so that they could be matched with genotypes.

On average, Largemouth Bass alleles accounted for 91.9% of the total Largemouth Bass and Florida Bass alleles. Only 15 of the 50 fish had a Florida Bass allele percentage over 10%, and only four had a Florida Bass allele percentage greater than 15%.

- Items of note about Kentucky Lake: Kentucky Lake is a 57,101-acre TVA flood control reservoir located in Marshall, Calloway, Lyon, Livingston and Trigg counties. The Tennessee side of Kentucky Lake has received several Florida Bass stockings from the Tennessee Wildlife Resources Agency (TWRA). From 1998-2004, Kentucky Lake received 40,000 Florida Bass per year. In 2015, a new Florida Bass stocking program began and has continued until present with roughly 300,000 bass stocked annually by their department. Beginning in 2020, TWRA authorized the stocking of additional Florida Bass by private entities and local county governments into areas of Kentucky Lake adjacent to the border with Kentucky. Bass in the Tennessee portion of the reservoir were genetically tested during 2015 to establish a baseline genetic profile prior to stocking. Their testing showed 83.7% Largemouth Bass and 16.3% Florida Bass alleles in their sample (Hargrove et al. 2019). These results were not surprising given the lake's stocking history, but when coupled with our results they suggest a gradient of Florida Bass alleles in the reservoir with more Florida alleles in the southern portion of the reservoir. Kentucky Lake has only been stocked by the KDFWR in 1992 and 2017.

*Lake Beshear:* Genetic sampling took place in fall of 2022 and spring of 2023. Although samples were originally collected in the fall of 2022, it was decided that collecting samples in spring of 2023 would be more useful since those spring fish were also aged using otoliths. Fish were collected from all around the lake by electrofishing and 50 samples were randomly selected for testing. Otoliths were collected from each fish so that age and growth could be assigned at a later date.

On average, Largemouth Bass alleles accounted for 97.0% of the total Largemouth Bass and Florida Bass alleles, so the population at Lake Beshear is one of the purest in the state. Of the 50 fish tested, only 8 had a Florida Bass allele percentage over 5%.

- Items of note about Lake Beshear: Lake Beshear is a 784-acre reservoir located in Caldwell and Christian counties. Lake Beshear is one of the best trophy bass lakes in the state and routinely produces Largemouth Bass over 8 pounds. Lake Beshear has only been stocked with Largemouth bass in 1962 and 1964.

*Lake Barkley:* Fifty fish were randomly selected by electrofishing from our standardized sampling embayments in the upper, middle, and lower lake sections in the fall of 2022.

On average, Largemouth Bass alleles accounted for 94.7% of the total Largemouth Bass and Florida Bass alleles. This population is among the purest in the state.

- Items of note about Lake Barkley: Lake Barkley is a 41,800-acre USACE flood control reservoir located in Trigg, Lyon and Livingston counties. Lake Barkley is connected to Kentucky Lake by a



canal which allows natural migration of fish. Additionally, anglers routinely travel between lakes during tournaments leading to an unknown amount of fish movement by anglers. However, our testing results suggest that these are two distinct populations and that Lake Barkley bass have much less Florida Bass introgression. Our results are very similar to TWRA's testing in their portion of Lake Barkley in 2015 which found that Lake Barkley bass contained 93.4% Largemouth Bass alleles and 6.6% Florida Bass alleles. The only Largemouth Bass stockings in Lake Barkley occurred in 1972 and 1978.

## **Appendix A**

The raw data contains a lot of information and can be difficult to comprehend, but is available in Appendix A. The lake names are provided as well as the individual sample number, the contig ID's for each loci, the total genotype percentages, and the lengths and weights for each fish. Under each contig ID there should be a read for two alleles. Allele type 1 is the Largemouth Bass genotype, allele type 2 is the Florida Bass genotype. Any loci with a zero as a result represents a locus which did not produce readable results. Samples which did not produce any readable results at any loci are still listed but with zeros in each results column.

Many of the fish in these samples had their sagittal otoliths removed so that we could determine their age and growth rates. Those structures have not yet been examined but may yield some interesting results when coupled with the genetic information.

## **Appendix B**

These data are simply a summary of the pertinent information available in appendix A. The contig ID's have been removed to create a more readable result.

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## Appendix A



















## **Appendix B**

Color Code: >95% NB alleles = 485 individuals ("pure NB")  
 >95% FL alleles = 0 Individuals ("pure FL")  
 >90% heterozygous alleles (F1 HYBRID) = 0 Individuals

Name	Sample	NB Markers	FL Markers	He Markers	NB%	FL%	Hetero%	Loci_genotyped	Length	Weight
Lake Barkley	BAR_01.1	27	0	3	0.9500	0.0500	0.10	30	20.3	4.80
Lake Barkley	BAR_02.1	26	0	3	0.9483	0.0517	0.10	29	15.9	2.15
Lake Barkley	BAR_03.1	28	0	2	0.9667	0.0333	0.07	30	5.6	0.09
Lake Barkley	BAR_04.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	7.9	0.23
Lake Barkley	BAR_05.1	25	0	3	0.9464	0.0536	0.11	28	17.6	3.16
Lake Barkley	BAR_06.1	22	0	2	0.9583	0.0417	0.08	24	8.0	0.26
Lake Barkley	BAR_07.1	25	0	4	0.9310	0.0690	0.14	29	13.0	1.33
Lake Barkley	BAR_08.1	25	0	3	0.9464	0.0536	0.11	28	6.3	0.13
Lake Barkley	BAR_09.1	29	0	1	0.9833	0.0167	0.03	30	3.5	0.02
Lake Barkley	BAR_10.1	26	0	3	0.9483	0.0517	0.10	29	6.8	0.14
Lake Barkley	BAR_11.1	24	0	1	0.9800	0.0200	0.04	25	15.2	1.98
Lake Barkley	BAR_12.1	28	0	2	0.9667	0.0333	0.07	30	7.9	0.22
Lake Barkley	BAR_13.1	26	0	4	0.9333	0.0667	0.13	30	5.8	0.08
Lake Barkley	BAR_14.1	28	0	2	0.9667	0.0333	0.07	30	13.2	1.10
Lake Barkley	BAR_15.1	26	1	3	0.9167	0.0833	0.10	30	5.5	0.09
Lake Barkley	BAR_16.1	26	1	3	0.9167	0.0833	0.10	30	4.7	0.05
Lake Barkley	BAR_17.1	21	0	2	0.9565	0.0435	0.09	23	12.2	0.99
Lake Barkley	BAR_18.1	30	0	0	1.0000	0.0000	0.00	30	6.7	0.13
Lake Barkley	BAR_19.1	26	0	3	0.9483	0.0517	0.10	29	3.7	0.02
Lake Barkley	BAR_20.1	29	0	0	1.0000	0.0000	0.00	29	12.2	1.02
Lake Barkley	BAR_21.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	11.8	0.87
Lake Barkley	BAR_22.1	27	0	2	0.9655	0.0345	0.07	29	7.7	0.23
Lake Barkley	BAR_23.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	11.5	0.86
Lake Barkley	BAR_24.1	27	0	2	0.9655	0.0345	0.07	29	16.1	2.04
Lake Barkley	BAR_25.1	29	0	1	0.9833	0.0167	0.03	30	12.7	1.09
Lake Barkley	BAR_26.1	19	0	0	1.0000	0.0000	0.00	19	13.4	1.33
Lake Barkley	BAR_27.1	25	0	4	0.9310	0.0690	0.14	29	15.5	2.17
Lake Barkley	BAR_28.1	24	0	6	0.9000	0.1000	0.20	30	14.0	1.63
Lake Barkley	BAR_29.1	25	0	5	0.9167	0.0833	0.17	30	13.0	1.20
Lake Barkley	BAR_30.1	25	0	5	0.9167	0.0833	0.17	30	15.5	2.02
Lake Barkley	BAR_31.1	26	0	4	0.9333	0.0667	0.13	30	16.1	1.77
Lake Barkley	BAR_32.1	27	0	3	0.9500	0.0500	0.10	30	17.4	2.98
Lake Barkley	BAR_33.1	27	1	1	0.9483	0.0517	0.03	29	8.5	0.32
Lake Barkley	BAR_34.1	24	0	5	0.9138	0.0862	0.17	29	14.2	1.51
Lake Barkley	BAR_35.1	25	0	5	0.9167	0.0833	0.17	30	16.8	2.07
Lake Barkley	BAR_36.1	25	1	4	0.9000	0.1000	0.13	30	12.6	1.16
Lake Barkley	BAR_37.1	28	0	2	0.9667	0.0333	0.07	30	9.9	0.49
Lake Barkley	BAR_38.1	26	0	4	0.9333	0.0667	0.13	30	8.9	0.40
Lake Barkley	BAR_39.1	25	0	5	0.9167	0.0833	0.17	30	17.5	3.00
Lake Barkley	BAR_40.1	24	0	6	0.9000	0.1000	0.20	30	12.0	0.84
Lake Barkley	BAR_41.1	28	0	2	0.9667	0.0333	0.07	30	12.4	1.18
Lake Barkley	BAR_42.1	24	0	6	0.9000	0.1000	0.20	30	5.1	0.05
Lake Barkley	BAR_43.1	24	0	3	0.9444	0.0556	0.11	27	2.8	
Lake Barkley	BAR_44.1	27	0	2	0.9655	0.0345	0.07	29	6.8	0.17
Lake Barkley	BAR_45.1	27	0	3	0.9500	0.0500	0.10	30	7.0	0.18
Lake Barkley	BAR_46.1	28	0	2	0.9667	0.0333	0.07	30	6.5	0.16
Lake Barkley	BAR_47.1	28	0	2	0.9667	0.0333	0.07	30	5.6	0.07
Lake Barkley	BAR_48.1	27	0	3	0.9500	0.0500	0.10	30	8.0	0.26
Lake Barkley	BAR_49.1	27	1	2	0.9333	0.0667	0.07	30	4.1	0.03
Lake Barkley	BAR_50.1	27	0	3	0.9500	0.0500	0.10	30	3.2	0.01
Lake Beshear	BES_100.1	28	0	2	0.9667	0.0333	0.07	30	13.0	1.26
Lake Beshear	BES_51.1	29	0	1	0.9833	0.0167	0.03	30	12.5	0.90
Lake Beshear	BES_52.1	29	0	0	1.0000	0.0000	0.00	29	19.3	3.84
Lake Beshear	BES_53.1	29	0	1	0.9833	0.0167	0.03	30	15.5	1.93
Lake Beshear	BES_54.1	30	0	0	1.0000	0.0000	0.00	30	17.3	3.36
Lake Beshear	BES_55.1	29	0	1	0.9833	0.0167	0.03	30	16.8	2.80
Lake Beshear	BES_56.1	27	2	1	0.9167	0.0833	0.03	30	17.5	3.33
Lake Beshear	BES_57.1	29	0	0	1.0000	0.0000	0.00	29	17.7	3.00
Lake Beshear	BES_58.1	26	1	2	0.9310	0.0690	0.07	29	20.0	4.99
Lake Beshear	BES_59.1	29	0	1	0.9833	0.0167	0.03	30	20.0	5.05

Lake Beshear	BES_60.1	27	0	3	0.9500	0.0500	0.10	30	19.8	4.24
Lake Beshear	BES_61.1	28	0	2	0.9667	0.0333	0.07	30	17.6	3.02
Lake Beshear	BES_62.1	29	1	0	0.9667	0.0333	0.00	30	11.1	0.51
Lake Beshear	BES_63.1	27	0	3	0.9500	0.0500	0.10	30	9.6	0.34
Lake Beshear	BES_64.1	28	0	2	0.9667	0.0333	0.07	30	3.8	0.02
Lake Beshear	BES_65.1	26	0	4	0.9333	0.0667	0.13	30	14.3	1.55
Lake Beshear	BES_66.1	29	0	0	1.0000	0.0000	0.00	29	16.3	2.07
Lake Beshear	BES_67.1	29	0	1	0.9833	0.0167	0.03	30	15.7	2.32
Lake Beshear	BES_68.1	26	0	4	0.9333	0.0667	0.13	30	17.2	2.90
Lake Beshear	BES_69.1	28	0	1	0.9828	0.0172	0.03	29	20.1	4.23
Lake Beshear	BES_70.1	28	0	2	0.9667	0.0333	0.07	30	16.2	1.90
Lake Beshear	BES_71.1	29	1	0	0.9667	0.0333	0.00	30	13.8	1.28
Lake Beshear	BES_72.1	26	0	4	0.9333	0.0667	0.13	30	14.6	1.52
Lake Beshear	BES_73.1	30	0	0	1.0000	0.0000	0.00	30	21.1	5.26
Lake Beshear	BES_74.1	30	0	0	1.0000	0.0000	0.00	30	15.0	1.74
Lake Beshear	BES_75.1	30	0	0	1.0000	0.0000	0.00	30	13.6	1.13
Lake Beshear	BES_76.1	27	1	2	0.9333	0.0667	0.07	30	17.3	2.64
Lake Beshear	BES_77.1	25	0	4	0.9310	0.0690	0.14	29	20.3	4.55
Lake Beshear	BES_78.1	30	0	0	1.0000	0.0000	0.00	30	20.8	4.93
Lake Beshear	BES_79.1	29	0	1	0.9833	0.0167	0.03	30	14.7	1.77
Lake Beshear	BES_80.1	30	0	0	1.0000	0.0000	0.00	30	15.3	1.88
Lake Beshear	BES_81.1	27	0	3	0.9500	0.0500	0.10	30	20.3	4.58
Lake Beshear	BES_82.1	28	0	1	0.9828	0.0172	0.03	29	15.3	1.66
Lake Beshear	BES_83.1	29	0	0	1.0000	0.0000	0.00	29	16.1	2.09
Lake Beshear	BES_84.1	27	1	1	0.9483	0.0517	0.03	29	19.0	4.23
Lake Beshear	BES_85.1	28	0	2	0.9667	0.0333	0.07	30	15.1	1.63
Lake Beshear	BES_86.1	27	0	3	0.9500	0.0500	0.10	30	18.2	3.39
Lake Beshear	BES_87.1	30	0	0	1.0000	0.0000	0.00	30	17.4	2.68
Lake Beshear	BES_88.1	29	1	0	0.9667	0.0333	0.00	30	20.5	4.88
Lake Beshear	BES_89.1	28	0	2	0.9667	0.0333	0.07	30	17.2	3.07
Lake Beshear	BES_90.1	26	0	4	0.9333	0.0667	0.13	30	15.8	2.05
Lake Beshear	BES_91.1	27	0	3	0.9500	0.0500	0.10	30	17.7	2.66
Lake Beshear	BES_92.1	28	1	1	0.9500	0.0500	0.03	30	15.4	2.08
Lake Beshear	BES_93.1	29	1	0	0.9667	0.0333	0.00	30	18.7	3.95
Lake Beshear	BES_94.1	29	0	1	0.9833	0.0167	0.03	30	17.0	2.72
Lake Beshear	BES_95.1	29	0	1	0.9833	0.0167	0.03	30	15.0	1.67
Lake Beshear	BES_96.1	29	0	1	0.9833	0.0167	0.03	30	13.8	1.55
Lake Beshear	BES_97.1	27	0	3	0.9500	0.0500	0.10	30	22.1	5.97
Lake Beshear	BES_98.1	29	0	1	0.9833	0.0167	0.03	30	16.0	1.93
Lake Beshear	BES_99.1	30	0	0	1.0000	0.0000	0.00	30	13.5	1.24
Barren River Lake	BRL_01.1	29	0	1	0.9833	0.0167	0.03	30	15.5	1.93
Barren River Lake	BRL_02.1	26	0	4	0.9333	0.0667	0.13	30	15.1	1.72
Barren River Lake	BRL_03.1	27	0	2	0.9655	0.0345	0.07	29	10.0	0.41
Barren River Lake	BRL_04.1	26	0	4	0.9333	0.0667	0.13	30	16.1	2.18
Barren River Lake	BRL_05.1	24	0	5	0.9138	0.0862	0.17	29	13.9	1.54
Barren River Lake	BRL_06.1	26	0	4	0.9333	0.0667	0.13	30	12.2	0.95
Barren River Lake	BRL_07.1	27	0	2	0.9655	0.0345	0.07	29	17.2	2.80
Barren River Lake	BRL_08.1	28	0	2	0.9667	0.0333	0.07	30	6.7	0.12
Barren River Lake	BRL_09.1	25	1	4	0.9000	0.1000	0.13	30	6.0	0.09
Barren River Lake	BRL_10.1	28	1	1	0.9500	0.0500	0.03	30	6.3	0.09
Barren River Lake	BRL_11.1	26	1	3	0.9167	0.0833	0.10	30	8.6	0.30
Barren River Lake	BRL_12.1	24	1	5	0.8833	0.1167	0.17	30	9.7	0.38
Barren River Lake	BRL_13.1	27	0	3	0.9500	0.0500	0.10	30	15.8	2.09
Barren River Lake	BRL_14.1	26	0	3	0.9483	0.0517	0.10	29	16.3	2.58
Barren River Lake	BRL_15.1	24	0	6	0.9000	0.1000	0.20	30	17.3	3.17
Barren River Lake	BRL_16.1	28	0	2	0.9667	0.0333	0.07	30	10.2	0.49
Barren River Lake	BRL_17.1	28	0	2	0.9667	0.0333	0.07	30	16.5	2.39
Barren River Lake	BRL_18.1	27	0	2	0.9655	0.0345	0.07	29	12.4	0.82
Barren River Lake	BRL_19.1	26	0	4	0.9333	0.0667	0.13	30	10.2	0.44
Barren River Lake	BRL_20.1	26	0	4	0.9333	0.0667	0.13	30	10.1	0.45
Barren River Lake	BRL_21.1	27	0	2	0.9655	0.0345	0.07	29	11.0	0.60
Barren River Lake	BRL_22.1	29	0	1	0.9833	0.0167	0.03	30	17.7	3.03
Barren River Lake	BRL_23.1	28	0	2	0.9667	0.0333	0.07	30	10.2	0.51
Barren River Lake	BRL_24.1	26	0	4	0.9333	0.0667	0.13	30	10.1	0.47
Barren River Lake	BRL_25.1	28	0	2	0.9667	0.0333	0.07	30	9.9	0.43

Barren River Lake	BRL_26.1	29	0	1	0.9833	0.0167	0.03	30	18.0	3.39
Barren River Lake	BRL_27.1	28	0	2	0.9667	0.0333	0.07	30	14.8	1.66
Barren River Lake	BRL_28.1	27	1	1	0.9483	0.0517	0.03	29	12.1	0.91
Barren River Lake	BRL_29.1	26	0	4	0.9333	0.0667	0.13	30	11.8	0.95
Barren River Lake	BRL_30.1	29	0	1	0.9833	0.0167	0.03	30	20.8	4.08
Barren River Lake	BRL_31.1	27	1	2	0.9333	0.0667	0.07	30	11.9	0.64
Barren River Lake	BRL_32.1	28	0	2	0.9667	0.0333	0.07	30	17.3	2.72
Barren River Lake	BRL_33.1	26	0	4	0.9333	0.0667	0.13	30	14.4	1.78
Barren River Lake	BRL_34.1	27	0	3	0.9500	0.0500	0.10	30	13.8	1.27
Barren River Lake	BRL_35.1	25	1	4	0.9000	0.1000	0.13	30	12.7	1.04
Barren River Lake	BRL_36.1	28	0	2	0.9667	0.0333	0.07	30	13.5	1.17
Barren River Lake	BRL_37.1	28	0	2	0.9667	0.0333	0.07	30	10.9	0.53
Barren River Lake	BRL_38.1	28	0	1	0.9828	0.0172	0.03	29	7.8	0.18
Barren River Lake	BRL_39.1	26	0	4	0.9333	0.0667	0.13	30	15.6	1.83
Barren River Lake	BRL_40.1	29	0	1	0.9833	0.0167	0.03	30	6.4	0.11
Barren River Lake	BRL_41.1	26	1	3	0.9167	0.0833	0.10	30	16.4	2.45
Barren River Lake	BRL_42.1	26	1	3	0.9167	0.0833	0.10	30	12.1	0.61
Barren River Lake	BRL_43.1	24	0	6	0.9000	0.1000	0.20	30	10.5	0.54
Barren River Lake	BRL_44.1	26	0	4	0.9333	0.0667	0.13	30	13.9	1.22
Barren River Lake	BRL_45.1	26	0	4	0.9333	0.0667	0.13	30	17.0	2.72
Barren River Lake	BRL_46.1	27	0	3	0.9500	0.0500	0.10	30	10.4	0.51
Barren River Lake	BRL_47.1	29	0	1	0.9833	0.0167	0.03	30	11.3	0.62
Barren River Lake	BRL_48.1	27	1	2	0.9333	0.0667	0.07	30	12.1	0.85
Barren River Lake	BRL_49.1	28	0	2	0.9667	0.0333	0.07	30	10.8	0.61
Barren River Lake	BRL_50.1	26	0	3	0.9483	0.0517	0.10	29	11.7	0.71
Lake Cumberland	CBL_01.1	28	1	0	0.9655	0.0345	0.00	29	17.4	2.61
Lake Cumberland	CBL_02.1	28	0	2	0.9667	0.0333	0.07	30	13.8	1.31
Lake Cumberland	CBL_03.1	27	0	3	0.9500	0.0500	0.10	30	6.6	0.12
Lake Cumberland	CBL_04.1	29	0	1	0.9833	0.0167	0.03	30	18.3	2.66
Lake Cumberland	CBL_05.1	29	0	1	0.9833	0.0167	0.03	30	16.0	1.34
Lake Cumberland	CBL_06.1	30	0	0	1.0000	0.0000	0.00	30	14.1	1.34
Lake Cumberland	CBL_07.1	19	0	11	0.8167	0.1833	0.37	30	15.2	1.64
Lake Cumberland	CBL_08.1	27	0	3	0.9500	0.0500	0.10	30	16.3	2.06
Lake Cumberland	CBL_09.1	28	0	2	0.9667	0.0333	0.07	30	6.7	0.13
Lake Cumberland	CBL_10.1	27	0	3	0.9500	0.0500	0.10	30	13.4	1.14
Lake Cumberland	CBL_11.1	29	0	0	1.0000	0.0000	0.00	29	7.2	0.18
Lake Cumberland	CBL_12.1	26	0	4	0.9333	0.0667	0.13	30	17.4	2.45
Lake Cumberland	CBL_13.1	30	0	0	1.0000	0.0000	0.00	30	15.3	1.79
Lake Cumberland	CBL_14.1	29	0	1	0.9833	0.0167	0.03	30	12.2	0.90
Lake Cumberland	CBL_15.1	26	0	3	0.9483	0.0517	0.10	29	11.9	0.77
Lake Cumberland	CBL_16.1	29	0	1	0.9833	0.0167	0.03	30	16.7	2.27
Lake Cumberland	CBL_17.1	29	0	1	0.9833	0.0167	0.03	30	17.8	2.76
Lake Cumberland	CBL_18.1	29	0	1	0.9833	0.0167	0.03	30	16.8	2.48
Lake Cumberland	CBL_19.1	28	0	1	0.9828	0.0172	0.03	29	10.6	0.62
Lake Cumberland	CBL_20.1	29	0	1	0.9833	0.0167	0.03	30	13.7	1.18
Lake Cumberland	CBL_21.1	30	0	0	1.0000	0.0000	0.00	30	14.1	1.49
Lake Cumberland	CBL_22.1	27	1	1	0.9483	0.0517	0.03	29	16.4	2.50
Lake Cumberland	CBL_23.1	29	0	1	0.9833	0.0167	0.03	30	20.2	4.53
Lake Cumberland	CBL_24.1	30	0	0	1.0000	0.0000	0.00	30	20.5	4.45
Lake Cumberland	CBL_25.1	30	0	0	1.0000	0.0000	0.00	30	19.5	4.02
Lake Cumberland	CBL_26.1	29	0	1	0.9833	0.0167	0.03	30	15.7	1.86
Lake Cumberland	CBL_27.1	29	0	1	0.9833	0.0167	0.03	30	17.2	3.01
Lake Cumberland	CBL_28.1	28	0	2	0.9667	0.0333	0.07	30	14.5	1.70
Lake Cumberland	CBL_29.1	28	1	1	0.9500	0.0500	0.03	30	7.1	0.14
Lake Cumberland	CBL_30.1	28	0	2	0.9667	0.0333	0.07	30	7.8	0.18
Lake Cumberland	CBL_31.1	29	0	1	0.9833	0.0167	0.03	30	6.5	0.13
Lake Cumberland	CBL_32.1	29	0	1	0.9833	0.0167	0.03	30	18.6	3.17
Lake Cumberland	CBL_33.1	29	0	0	1.0000	0.0000	0.00	29	14.5	1.68
Lake Cumberland	CBL_34.1	30	0	0	1.0000	0.0000	0.00	30	13.3	0.94
Lake Cumberland	CBL_35.1	30	0	0	1.0000	0.0000	0.00	30	6.5	0.11
Lake Cumberland	CBL_36.1	26	0	3	0.9483	0.0517	0.10	29	7.4	0.20
Lake Cumberland	CBL_37.1	29	0	0	1.0000	0.0000	0.00	29	16.5	2.04
Lake Cumberland	CBL_38.1	27	0	3	0.9500	0.0500	0.10	30	16.8	2.64
Lake Cumberland	CBL_39.1	29	0	0	1.0000	0.0000	0.00	29	14.8	1.56
Lake Cumberland	CBL_40.1	26	0	4	0.9333	0.0667	0.13	30	14.4	1.50



Lake Cumberland	CBL_41.1	28	0	2	0.9667	0.0333	0.07	30	14.7	1.49
Lake Cumberland	CBL_42.1	30	0	0	1.0000	0.0000	0.00	30	10.1	0.42
Lake Cumberland	CBL_43.1	28	0	2	0.9667	0.0333	0.07	30	13.2	1.02
Lake Cumberland	CBL_44.1	29	0	1	0.9833	0.0167	0.03	30	11.9	0.81
Lake Cumberland	CBL_45.1	27	0	2	0.9655	0.0345	0.07	29	7.1	0.14
Lake Cumberland	CBL_46.1	27	0	3	0.9500	0.0500	0.10	30	10.7	0.53
Lake Cumberland	CBL_47.1	29	0	1	0.9833	0.0167	0.03	30	13.5	1.10
Lake Cumberland	CBL_48.1	28	0	2	0.9667	0.0333	0.07	30	5.9	0.08
Lake Cumberland	CBL_49.1	29	0	1	0.9833	0.0167	0.03	30	6.8	0.10
Lake Cumberland	CBL_50.1	29	0	1	0.9833	0.0167	0.03	30	6.4	0.11
Cedar Creek Lake	CCL_01.1	28	0	2	0.9667	0.0333	0.07	30	19.2	4.75
Cedar Creek Lake	CCL_02.1	29	0	1	0.9833	0.0167	0.03	30	20.7	5.61
Cedar Creek Lake	CCL_03.1	26	1	3	0.9167	0.0833	0.10	30	19.5	3.72
Cedar Creek Lake	CCL_04.1	26	0	4	0.9333	0.0667	0.13	30	18.9	3.16
Cedar Creek Lake	CCL_05.1	23	1	6	0.8667	0.1333	0.20	30	16.6	2.34
Cedar Creek Lake	CCL_06.1	28	0	2	0.9667	0.0333	0.07	30	13.1	0.95
Cedar Creek Lake	CCL_07.1	22	0	8	0.8667	0.1333	0.27	30	14.7	1.67
Cedar Creek Lake	CCL_08.1	25	1	4	0.9000	0.1000	0.13	30	17.2	2.64
Cedar Creek Lake	CCL_09.1	22	1	6	0.8621	0.1379	0.21	29	11.3	0.60
Cedar Creek Lake	CCL_10.1	25	0	5	0.9167	0.0833	0.17	30	13.4	1.14
Cedar Creek Lake	CCL_11.1	25	0	5	0.9167	0.0833	0.17	30	11.2	0.71
Cedar Creek Lake	CCL_12.1	29	0	1	0.9833	0.0167	0.03	30	6.8	0.14
Cedar Creek Lake	CCL_13.1	27	0	3	0.9500	0.0500	0.10	30	14.4	1.41
Cedar Creek Lake	CCL_14.1	24	0	6	0.9000	0.1000	0.20	30	5.4	0.06
Cedar Creek Lake	CCL_15.1	23	0	5	0.9107	0.0893	0.18	28	14.8	1.72
Cedar Creek Lake	CCL_16.1	26	1	3	0.9167	0.0833	0.10	30	15.3	1.41
Cedar Creek Lake	CCL_17.1	27	1	2	0.9333	0.0667	0.07	30	16.7	2.80
Cedar Creek Lake	CCL_18.1	24	0	6	0.9000	0.1000	0.20	30	12.3	0.84
Cedar Creek Lake	CCL_19.1	27	1	2	0.9333	0.0667	0.07	30	9.7	0.39
Cedar Creek Lake	CCL_20.1	24	0	5	0.9138	0.0862	0.17	29	16.6	2.75
Cedar Creek Lake	CCL_21.1	26	0	4	0.9333	0.0667	0.13	30	12.5	0.91
Cedar Creek Lake	CCL_22.1	25	0	5	0.9167	0.0833	0.17	30	10.5	0.44
Cedar Creek Lake	CCL_23.1	23	0	7	0.8833	0.1167	0.23	30	8.6	0.27
Cedar Creek Lake	CCL_24.1	23	0	6	0.8966	0.1034	0.21	29	6.7	0.11
Cedar Creek Lake	CCL_25.1	26	0	4	0.9333	0.0667	0.13	30	15.3	2.31
Cedar Creek Lake	CCL_26.1	25	1	4	0.9000	0.1000	0.13	30	17.8	2.84
Cedar Creek Lake	CCL_27.1	17	0	5	0.8864	0.1136	0.23	22	16.8	2.71
Cedar Creek Lake	CCL_28.1	25	0	5	0.9167	0.0833	0.17	30	20.5	3.86
Cedar Creek Lake	CCL_29.1	18	1	9	0.8036	0.1964	0.32	28	18.9	3.60
Cedar Creek Lake	CCL_30.1	25	0	5	0.9167	0.0833	0.17	30	9.5	0.38
Cedar Creek Lake	CCL_31.1	25	0	5	0.9167	0.0833	0.17	30	10.2	0.47
Cedar Creek Lake	CCL_32.1	24	0	6	0.9000	0.1000	0.20	30	20.0	4.54
Cedar Creek Lake	CCL_33.1	26	1	2	0.9310	0.0690	0.07	29	7.9	0.22
Cedar Creek Lake	CCL_34.1	29	0	1	0.9833	0.0167	0.03	30	17.9	3.21
Cedar Creek Lake	CCL_35.1	24	0	6	0.9000	0.1000	0.20	30	11.9	0.85
Cedar Creek Lake	CCL_36.1	24	0	6	0.9000	0.1000	0.20	30	7.8	0.21
Cedar Creek Lake	CCL_37.1	24	0	6	0.9000	0.1000	0.20	30	20.0	3.23
Cedar Creek Lake	CCL_38.1	25	0	5	0.9167	0.0833	0.17	30	17.0	2.53
Cedar Creek Lake	CCL_39.1	18	1	11	0.7833	0.2167	0.37	30	10.5	0.54
Cedar Creek Lake	CCL_40.1	22	2	6	0.8333	0.1667	0.20	30	7.9	0.21
Cedar Creek Lake	CCL_41.1	26	0	4	0.9333	0.0667	0.13	30	18.4	3.22
Cedar Creek Lake	CCL_42.1	24	0	6	0.9000	0.1000	0.20	30	5.3	0.05
Cedar Creek Lake	CCL_43.1	21	0	8	0.8621	0.1379	0.28	29	17.7	3.03
Cedar Creek Lake	CCL_44.1	24	2	3	0.8793	0.1207	0.10	29	18.0	3.28
Cedar Creek Lake	CCL_45.1	24	0	6	0.9000	0.1000	0.20	30	10.0	0.43
Cedar Creek Lake	CCL_46.1	22	0	7	0.8793	0.1207	0.24	29	16.8	2.41
Cedar Creek Lake	CCL_47.1	25	1	4	0.9000	0.1000	0.13	30	11.6	0.69
Cedar Creek Lake	CCL_48.1	26	1	3	0.9167	0.0833	0.10	30	13.1	1.02
Cedar Creek Lake	CCL_49.1	24	0	6	0.9000	0.1000	0.20	30	10.0	0.45
Cedar Creek Lake	CCL_50.1	21	0	8	0.8621	0.1379	0.28	29	16.1	1.99
Carr Creek Lake	CRC_01.1	23	0	4	0.9259	0.0741	0.15	27	11.4	0.62
Carr Creek Lake	CRC_02.1	23	1	6	0.8667	0.1333	0.20	30	9.3	0.31
Carr Creek Lake	CRC_03.1	16	1	13	0.7500	0.2500	0.43	30	9.9	0.36
Carr Creek Lake	CRC_04.1	24	2	4	0.8667	0.1333	0.13	30	8.4	0.21
Carr Creek Lake	CRC_05.1	22	1	6	0.8621	0.1379	0.21	29	8.4	0.24

Carr Creek Lake	CRC_06.1	22	3	5	0.8167	0.1833	0.17	30	10.8	0.51
Carr Creek Lake	CRC_07.1	24	0	5	0.9138	0.0862	0.17	29	20.5	4.51
Carr Creek Lake	CRC_08.1	23	2	5	0.8500	0.1500	0.17	30	18.4	3.21
Carr Creek Lake	CRC_09.1	19	2	9	0.7833	0.2167	0.30	30	10.2	0.42
Carr Creek Lake	CRC_10.1	25	1	4	0.9000	0.1000	0.13	30	9.6	0.37
Carr Creek Lake	CRC_11.1	23	1	6	0.8667	0.1333	0.20	30	14.6	1.33
Carr Creek Lake	CRC_12.1	23	1	6	0.8667	0.1333	0.20	30	10.7	0.48
Carr Creek Lake	CRC_13.1	22	2	6	0.8333	0.1667	0.20	30	8.4	0.24
Carr Creek Lake	CRC_14.1	25	0	5	0.9167	0.0833	0.17	30	11.1	0.50
Carr Creek Lake	CRC_15.1	18	3	9	0.7500	0.2500	0.30	30	11.8	0.68
Carr Creek Lake	CRC_16.1	26	1	2	0.9310	0.0690	0.07	29	9.5	0.34
Carr Creek Lake	CRC_17.1	21	2	7	0.8167	0.1833	0.23	30	9.7	0.33
Carr Creek Lake	CRC_18.1	26	0	4	0.9333	0.0667	0.13	30	8.7	0.25
Carr Creek Lake	CRC_19.1	25	1	4	0.9000	0.1000	0.13	30	14.7	1.39
Carr Creek Lake	CRC_20.1	24	1	5	0.8833	0.1167	0.17	30	10.5	0.57
Carr Creek Lake	CRC_21.1	24	0	6	0.9000	0.1000	0.20	30	9.6	0.39
Carr Creek Lake	CRC_22.1	22	0	8	0.8667	0.1333	0.27	30	8.8	0.27
Carr Creek Lake	CRC_23.1	26	0	4	0.9333	0.0667	0.13	30	11.0	0.75
Carr Creek Lake	CRC_24.1	19	0	11	0.8167	0.1833	0.37	30	10.4	0.45
Carr Creek Lake	CRC_25.1	23	1	5	0.8793	0.1207	0.17	29	11.0	0.50
Carr Creek Lake	CRC_26.1	24	2	4	0.8667	0.1333	0.13	30	8.8	0.29
Carr Creek Lake	CRC_27.1	24	2	4	0.8667	0.1333	0.13	30	8.9	0.25
Carr Creek Lake	CRC_28.1	20	2	8	0.8000	0.2000	0.27	30	8.2	0.20
Carr Creek Lake	CRC_29.1	26	2	2	0.9000	0.1000	0.07	30	10.9	0.48
Carr Creek Lake	CRC_30.1	24	0	6	0.9000	0.1000	0.20	30	10.6	0.45
Carr Creek Lake	CRC_31.1	23	0	6	0.8966	0.1034	0.21	29	8.8	0.25
Carr Creek Lake	CRC_32.1	25	1	4	0.9000	0.1000	0.13	30	18.7	3.14
Carr Creek Lake	CRC_33.1	24	0	5	0.9138	0.0862	0.17	29	11.6	0.72
Carr Creek Lake	CRC_34.1	23	1	6	0.8667	0.1333	0.20	30	12.9	0.95
Carr Creek Lake	CRC_35.1	21	0	8	0.8621	0.1379	0.28	29	7.9	0.19
Carr Creek Lake	CRC_36.1	21	1	8	0.8333	0.1667	0.27	30	10.0	0.43
Carr Creek Lake	CRC_37.1	26	0	3	0.9483	0.0517	0.10	29	11.4	0.56
Carr Creek Lake	CRC_38.1	23	2	4	0.8621	0.1379	0.14	29	9.3	0.32
Carr Creek Lake	CRC_39.1	26	1	3	0.9167	0.0833	0.10	30	10.9	0.52
Carr Creek Lake	CRC_40.1	23	2	5	0.8500	0.1500	0.17	30	9.0	0.28
Carr Creek Lake	CRC_41.1	18	1	10	0.7931	0.2069	0.34	29	8.4	0.21
Carr Creek Lake	CRC_42.1	19	1	10	0.8000	0.2000	0.33	30	10.5	0.46
Carr Creek Lake	CRC_43.1	28	0	2	0.9667	0.0333	0.07	30	6.0	0.09
Carr Creek Lake	CRC_44.1	19	2	8	0.7931	0.2069	0.28	29	10.3	0.43
Carr Creek Lake	CRC_45.1	25	1	3	0.9138	0.0862	0.10	29	9.0	0.30
Carr Creek Lake	CRC_46.1	22	0	8	0.8667	0.1333	0.27	30	10.7	0.54
Carr Creek Lake	CRC_47.1	26	0	1	0.9815	0.0185	0.04	27	8.2	0.31
Carr Creek Lake	CRC_48.1	23	0	5	0.9107	0.0893	0.18	28	14.3	1.30
Carr Creek Lake	CRC_49.1	20	0	5	0.9000	0.1000	0.20	25	10.0	0.39
Carr Creek Lake	CRC_50.1	23	0	5	0.9107	0.0893	0.18	28	11.1	0.50
Cave Run Lake	CRL_100.1	27	0	1	0.9821	0.0179	0.04	28	13.0	
Cave Run Lake	CRL_51.1	28	0	2	0.9667	0.0333	0.07	30	14.4	
Cave Run Lake	CRL_52.1	27	0	3	0.9500	0.0500	0.10	30	15.5	
Cave Run Lake	CRL_53.1	28	0	2	0.9667	0.0333	0.07	30	9.1	
Cave Run Lake	CRL_54.1	28	1	1	0.9500	0.0500	0.03	30	5.9	
Cave Run Lake	CRL_55.1	29	0	1	0.9833	0.0167	0.03	30	14.0	
Cave Run Lake	CRL_56.1	28	0	2	0.9667	0.0333	0.07	30	17.1	
Cave Run Lake	CRL_57.1	27	0	2	0.9655	0.0345	0.07	29	16.5	
Cave Run Lake	CRL_58.1	29	0	1	0.9833	0.0167	0.03	30	5.0	
Cave Run Lake	CRL_59.1	27	0	2	0.9655	0.0345	0.07	29	7.4	
Cave Run Lake	CRL_60.1	25	1	4	0.9000	0.1000	0.13	30	7.7	
Cave Run Lake	CRL_61.1	30	0	0	1.0000	0.0000	0.00	30	6.7	
Cave Run Lake	CRL_62.1	23	0	6	0.8966	0.1034	0.21	29	13.6	
Cave Run Lake	CRL_63.1	24	0	6	0.9000	0.1000	0.20	30	10.9	
Cave Run Lake	CRL_64.1	29	0	1	0.9833	0.0167	0.03	30	11.6	
Cave Run Lake	CRL_65.1	26	0	4	0.9333	0.0667	0.13	30	17.1	
Cave Run Lake	CRL_66.1	29	0	1	0.9833	0.0167	0.03	30	10.5	
Cave Run Lake	CRL_67.1	23	0	0	1.0000	0.0000	0.00	23	7.2	
Cave Run Lake	CRL_68.1	27	0	3	0.9500	0.0500	0.10	30	13.2	
Cave Run Lake	CRL_69.1	27	1	2	0.9333	0.0667	0.07	30	14.8	

Cave Run Lake	CRL_70.1	29	0	1	0.9833	0.0167	0.03	30	14.4	
Cave Run Lake	CRL_71.1	26	0	3	0.9483	0.0517	0.10	29	11.6	
Cave Run Lake	CRL_72.1	28	0	2	0.9667	0.0333	0.07	30	13.5	
Cave Run Lake	CRL_73.1	26	0	4	0.9333	0.0667	0.13	30	8.0	
Cave Run Lake	CRL_74.1	28	1	0	0.9655	0.0345	0.00	29	8.7	
Cave Run Lake	CRL_75.1	28	0	2	0.9667	0.0333	0.07	30	14.3	
Cave Run Lake	CRL_76.1	27	0	1	0.9821	0.0179	0.04	28	5.5	
Cave Run Lake	CRL_77.1	27	0	3	0.9500	0.0500	0.10	30	6.6	
Cave Run Lake	CRL_78.1	27	0	3	0.9500	0.0500	0.10	30	14.5	
Cave Run Lake	CRL_79.1	29	0	0	1.0000	0.0000	0.00	29	14.2	
Cave Run Lake	CRL_80.1	29	0	1	0.9833	0.0167	0.03	30	7.9	
Cave Run Lake	CRL_81.1	27	0	3	0.9500	0.0500	0.10	30	6.8	
Cave Run Lake	CRL_82.1	29	0	1	0.9833	0.0167	0.03	30	5.5	
Cave Run Lake	CRL_83.1	27	0	3	0.9500	0.0500	0.10	30	7.8	
Cave Run Lake	CRL_84.1	28	0	1	0.9828	0.0172	0.03	29	13.1	
Cave Run Lake	CRL_85.1	24	0	6	0.9000	0.1000	0.20	30	17.3	
Cave Run Lake	CRL_86.1	28	1	1	0.9500	0.0500	0.03	30	13.9	
Cave Run Lake	CRL_87.1	28	1	1	0.9500	0.0500	0.03	30	5.0	
Cave Run Lake	CRL_88.1	22	0	2	0.9583	0.0417	0.08	24	5.5	
Cave Run Lake	CRL_89.1	25	0	5	0.9167	0.0833	0.17	30	13.5	
Cave Run Lake	CRL_90.1	26	0	4	0.9333	0.0667	0.13	30	15.6	
Cave Run Lake	CRL_91.1	24	0	3	0.9444	0.0556	0.11	27	11.5	
Cave Run Lake	CRL_92.1	27	0	3	0.9500	0.0500	0.10	30	11.6	
Cave Run Lake	CRL_93.1	26	0	3	0.9483	0.0517	0.10	29	12.2	
Cave Run Lake	CRL_94.1	25	0	4	0.9310	0.0690	0.14	29	10.0	
Cave Run Lake	CRL_95.1	30	0	0	1.0000	0.0000	0.00	30	14.8	
Cave Run Lake	CRL_96.1	27	0	2	0.9655	0.0345	0.07	29	16.1	
Cave Run Lake	CRL_97.1	27	0	3	0.9500	0.0500	0.10	30	12.2	
Cave Run Lake	CRL_98.1	27	0	2	0.9655	0.0345	0.07	29	12.4	
Cave Run Lake	CRL_99.1	28	0	2	0.9667	0.0333	0.07	30	14.4	
Fishpond Lake	FPL_01.1	12	7	11	0.5833	0.4167	0.37	30	22.7	4.57
Fishpond Lake	FPL_02.1	5	5	20	0.5000	0.5000	0.67	30	10.6	0.50
Fishpond Lake	FPL_03.1	8	9	13	0.4833	0.5167	0.43	30	22.2	6.40
Fishpond Lake	FPL_04.1	11	7	12	0.5667	0.4333	0.40	30	13.3	0.93
Fishpond Lake	FPL_05.1	11	6	13	0.5833	0.4167	0.43	30	14.7	1.48
Fishpond Lake	FPL_06.1	14	4	12	0.6667	0.3333	0.40	30	12.1	0.72
Fishpond Lake	FPL_07.1	11	8	11	0.5500	0.4500	0.37	30	17.3	2.96
Fishpond Lake	FPL_08.1	14	11	5	0.5500	0.4500	0.17	30	11.8	0.72
Fishpond Lake	FPL_09.1	6	6	13	0.5000	0.5000	0.52	25	19.4	4.19
Fishpond Lake	FPL_10.1	11	5	12	0.6071	0.3929	0.43	28	14.8	1.63
Fishpond Lake	FPL_11.1	8	9	12	0.4828	0.5172	0.41	29	11.3	0.58
Fishpond Lake	FPL_12.1	11	11	8	0.5000	0.5000	0.27	30	17.2	2.95
Fishpond Lake	FPL_13.1	7	13	10	0.4000	0.6000	0.33	30	10.7	0.50
Fishpond Lake	FPL_14.1	10	7	13	0.5500	0.4500	0.43	30	22.6	7.78
Fishpond Lake	FPL_15.1	13	5	12	0.6333	0.3667	0.40	30	13.2	0.89
Fishpond Lake	FPL_16.1	14	6	10	0.6333	0.3667	0.33	30	11.4	0.60
Fishpond Lake	FPL_17.1	8	4	17	0.5690	0.4310	0.59	29	10.8	0.48
Fishpond Lake	FPL_18.1	8	7	15	0.5167	0.4833	0.50	30	15.3	1.74
Fishpond Lake	FPL_19.1	7	9	14	0.4667	0.5333	0.47	30	13.9	1.18
Fishpond Lake	FPL_20.1	9	10	11	0.4833	0.5167	0.37	30	13.2	0.93
Fishpond Lake	FPL_21.1	8	9	13	0.4833	0.5167	0.43	30	9.7	0.34
Fishpond Lake	FPL_22.1	9	4	16	0.5862	0.4138	0.55	29	17.3	2.56
Fishpond Lake	FPL_23.1	13	8	9	0.5833	0.4167	0.30	30	10.8	0.49
Fishpond Lake	FPL_24.1	8	8	14	0.5000	0.5000	0.47	30	14.6	1.47
Fishpond Lake	FPL_25.1	10	5	15	0.5833	0.4167	0.50	30	15.2	1.67
Fishpond Lake	FPL_26.1	14	8	8	0.6000	0.4000	0.27	30	11.3	0.59
Fishpond Lake	FPL_27.1	8	6	15	0.5345	0.4655	0.52	29	18.6	3.96
Fishpond Lake	FPL_28.1	14	3	13	0.6833	0.3167	0.43	30	14.0	1.10
Fishpond Lake	FPL_29.1	17	5	8	0.7000	0.3000	0.27	30	12.9	0.86
Fishpond Lake	FPL_30.1	10	5	15	0.5833	0.4167	0.50	30	12.0	0.76
Fishpond Lake	FPL_31.1	8	5	17	0.5500	0.4500	0.57	30	11.2	0.47
Fishpond Lake	FPL_32.1	8	5	17	0.5500	0.4500	0.57	30	12.6	0.85
Fishpond Lake	FPL_33.1	6	12	10	0.3929	0.6071	0.36	28	17.1	2.68
Fishpond Lake	FPL_34.1	7	8	15	0.4833	0.5167	0.50	30	16.7	2.23
Fishpond Lake	FPL_35.1	11	8	11	0.5500	0.4500	0.37	30	12.9	0.95

Fishpond Lake	FPL_36.1	11	7	12	0.5667	0.4333	0.40	30	10.6	0.54
Fishpond Lake	FPL_37.1	9	7	14	0.5333	0.4667	0.47	30	9.8	0.35
Fishpond Lake	FPL_38.1	10	7	13	0.5500	0.4500	0.43	30	13.8	1.31
Fishpond Lake	FPL_39.1	9	4	17	0.5833	0.4167	0.57	30	11.2	0.54
Fishpond Lake	FPL_40.1	8	6	16	0.5333	0.4667	0.53	30	11.8	0.69
Fishpond Lake	FPL_41.1	13	4	11	0.6607	0.3393	0.39	28	10.3	0.43
Fishpond Lake	FPL_42.1	9	3	11	0.6304	0.3696	0.48	23	10.8	0.51
Fishpond Lake	FPL_43.1	4	5	13	0.4773	0.5227	0.59	22	9.9	0.39
Fishpond Lake	FPL_44.1	9	13	8	0.4333	0.5667	0.27	30	10.7	0.47
Fishpond Lake	FPL_45.1	5	6	19	0.4833	0.5167	0.63	30	10.3	0.41
Fishpond Lake	FPL_46.1	3	13	14	0.3333	0.6667	0.47	30	9.7	0.31
Fishpond Lake	FPL_47.1	9	7	13	0.5345	0.4655	0.45	29	12.4	0.80
Fishpond Lake	FPL_48.1	7	7	16	0.5000	0.5000	0.53	30	12.6	0.79
Fishpond Lake	FPL_49.1	10	10	9	0.5000	0.5000	0.31	29	12.2	0.71
Fishpond Lake	FPL_50.1	8	4	16	0.5714	0.4286	0.57	28	10.8	0.47
Fishtrap Lake	FTL_01.1	24	0	5	0.9138	0.0862	0.17	29	20.6	
Fishtrap Lake	FTL_02.1	23	0	6	0.8966	0.1034	0.21	29	17.2	
Fishtrap Lake	FTL_03.1	26	0	4	0.9333	0.0667	0.13	30	16.6	
Fishtrap Lake	FTL_04.1	12	0	14	0.7308	0.2692	0.54	26	12.3	
Fishtrap Lake	FTL_05.1	24	0	4	0.9286	0.0714	0.14	28	11.5	
Fishtrap Lake	FTL_06.1	12	2	14	0.6786	0.3214	0.50	28	15.8	
Fishtrap Lake	FTL_07.1	26	0	3	0.9483	0.0517	0.10	29	11.0	
Fishtrap Lake	FTL_08.1	8	3	18	0.5862	0.4138	0.62	29	14.8	
Fishtrap Lake	FTL_09.1	25	1	3	0.9138	0.0862	0.10	29	12.5	
Fishtrap Lake	FTL_10.1	22	2	5	0.8448	0.1552	0.17	29	17.1	
Fishtrap Lake	FTL_11.1	22	0	4	0.9231	0.0769	0.15	26	13.5	
Fishtrap Lake	FTL_12.1	17	0	13	0.7833	0.2167	0.43	30	18.9	
Fishtrap Lake	FTL_13.1	26	0	4	0.9333	0.0667	0.13	30	15.6	
Fishtrap Lake	FTL_14.1	23	1	5	0.8793	0.1207	0.17	29	13.2	
Fishtrap Lake	FTL_15.1	11	2	17	0.6500	0.3500	0.57	30	14.6	
Fishtrap Lake	FTL_16.1	22	0	6	0.8929	0.1071	0.21	28	14.5	
Fishtrap Lake	FTL_17.1	24	1	5	0.8833	0.1167	0.17	30	15.3	
Fishtrap Lake	FTL_18.1	20	2	8	0.8000	0.2000	0.27	30	18.6	
Fishtrap Lake	FTL_19.1	22	0	6	0.8929	0.1071	0.21	28	14.1	
Fishtrap Lake	FTL_20.1	22	0	6	0.8929	0.1071	0.21	28	11.5	
Fishtrap Lake	FTL_21.1	19	0	10	0.8276	0.1724	0.34	29	16.4	
Fishtrap Lake	FTL_22.1	23	1	5	0.8793	0.1207	0.17	29	13.7	
Fishtrap Lake	FTL_23.1	26	0	4	0.9333	0.0667	0.13	30	14.1	
Fishtrap Lake	FTL_24.1	21	0	9	0.8500	0.1500	0.30	30	14.3	
Fishtrap Lake	FTL_25.1	23	0	6	0.8966	0.1034	0.21	29	15.5	
Fishtrap Lake	FTL_26.1	22	0	6	0.8929	0.1071	0.21	28	10.4	
Fishtrap Lake	FTL_27.1	23	0	6	0.8966	0.1034	0.21	29	15.5	
Fishtrap Lake	FTL_28.1	22	0	7	0.8793	0.1207	0.24	29	15.3	
Fishtrap Lake	FTL_29.1	25	0	4	0.9310	0.0690	0.14	29	10.3	
Fishtrap Lake	FTL_30.1	28	0	2	0.9667	0.0333	0.07	30	14.1	
Fishtrap Lake	FTL_31.1	22	1	5	0.8750	0.1250	0.18	28	11.3	
Fishtrap Lake	FTL_32.1	17	2	10	0.7586	0.2414	0.34	29	12.1	
Fishtrap Lake	FTL_33.1	24	1	4	0.8966	0.1034	0.14	29	10.5	
Fishtrap Lake	FTL_34.1	27	1	2	0.9333	0.0667	0.07	30	10.7	
Fishtrap Lake	FTL_35.1	22	1	7	0.8500	0.1500	0.23	30	8.8	
Fishtrap Lake	FTL_36.1	26	0	3	0.9483	0.0517	0.10	29	11.9	
Fishtrap Lake	FTL_37.1	28	0	2	0.9667	0.0333	0.07	30	17.8	
Fishtrap Lake	FTL_38.1	20	0	8	0.8571	0.1429	0.29	28	20.1	
Fishtrap Lake	FTL_39.1	23	0	7	0.8833	0.1167	0.23	30	19.1	
Fishtrap Lake	FTL_40.1	11	0	9	0.7750	0.2250	0.45	20	12.3	
Fishtrap Lake	FTL_41.1	26	1	3	0.9167	0.0833	0.10	30	15.5	
Fishtrap Lake	FTL_42.1	23	0	6	0.8966	0.1034	0.21	29	13.9	
Fishtrap Lake	FTL_43.1	22	0	8	0.8667	0.1333	0.27	30	14.4	
Fishtrap Lake	FTL_44.1	19	0	9	0.8393	0.1607	0.32	28	12.8	
Fishtrap Lake	FTL_45.1	21	0	7	0.8750	0.1250	0.25	28	15.1	
Fishtrap Lake	FTL_46.1	27	0	3	0.9500	0.0500	0.10	30	15.3	
Fishtrap Lake	FTL_47.1	28	0	2	0.9667	0.0333	0.07	30	13.2	
Fishtrap Lake	FTL_48.1	25	0	4	0.9310	0.0690	0.14	29	14.2	
Fishtrap Lake	FTL_49.1	25	1	3	0.9138	0.0862	0.10	29	13.5	
Fishtrap Lake	FTL_50.1	23	0	5	0.9107	0.0893	0.18	28	16.1	

Greenbo Lake	GBL_01.1	20	1	9	0.8167	0.1833	0.30	30	13.5	1.08
Greenbo Lake	GBL_02.1	17	3	9	0.7414	0.2586	0.31	29	3.0	0.01
Greenbo Lake	GBL_03.1	15	1	13	0.7414	0.2586	0.45	29	16.5	2.42
Greenbo Lake	GBL_04.1	21	3	6	0.8000	0.2000	0.20	30	13.6	1.25
Greenbo Lake	GBL_05.1	14	2	13	0.7069	0.2931	0.45	29	11.1	0.63
Greenbo Lake	GBL_06.1	15	2	12	0.7241	0.2759	0.41	29	11.8	0.75
Greenbo Lake	GBL_07.1	14	3	13	0.6833	0.3167	0.43	30	10.4	0.44
Greenbo Lake	GBL_08.1	19	2	9	0.7833	0.2167	0.30	30	11.4	0.63
Greenbo Lake	GBL_09.1	15	1	14	0.7333	0.2667	0.47	30	14.4	1.57
Greenbo Lake	GBL_10.1	15	3	12	0.7000	0.3000	0.40	30	11.3	0.59
Greenbo Lake	GBL_11.1	16	2	12	0.7333	0.2667	0.40	30	12.7	0.86
Greenbo Lake	GBL_12.1	19	4	6	0.7586	0.2414	0.21	29	13.0	1.10
Greenbo Lake	GBL_13.1	22	6	2	0.7667	0.2333	0.07	30	10.9	0.54
Greenbo Lake	GBL_14.1	14	2	13	0.7069	0.2931	0.45	29	12.0	0.75
Greenbo Lake	GBL_15.1	13	1	15	0.7069	0.2931	0.52	29	16.4	2.24
Greenbo Lake	GBL_16.1	14	5	10	0.6552	0.3448	0.34	29	11.4	0.62
Greenbo Lake	GBL_17.1	26	0	4	0.9333	0.0667	0.13	30	8.7	0.27
Greenbo Lake	GBL_18.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	5.7	0.07
Greenbo Lake	GBL_19.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	9.8	0.38
Greenbo Lake	GBL_20.1	22	1	7	0.8500	0.1500	0.23	30	13.3	0.98
Greenbo Lake	GBL_21.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	10.1	0.39
Greenbo Lake	GBL_22.1	13	3	13	0.6724	0.3276	0.45	29	9.5	0.36
Greenbo Lake	GBL_23.1	21	3	6	0.8000	0.2000	0.20	30	9.4	0.32
Greenbo Lake	GBL_24.1	17	3	10	0.7333	0.2667	0.33	30	11.3	0.60
Greenbo Lake	GBL_25.1	18	2	9	0.7759	0.2241	0.31	29	12.5	0.84
Greenbo Lake	GBL_26.1	17	2	10	0.7586	0.2414	0.34	29	10.1	0.47
Greenbo Lake	GBL_27.1	18	5	7	0.7167	0.2833	0.23	30	7.4	0.14
Greenbo Lake	GBL_28.1	23	0	7	0.8833	0.1167	0.23	30	9.7	0.38
Greenbo Lake	GBL_29.1	13	6	10	0.6207	0.3793	0.34	29	12.4	0.78
Greenbo Lake	GBL_30.1	15	3	12	0.7000	0.3000	0.40	30	10.3	0.50
Greenbo Lake	GBL_31.1	16	0	13	0.7759	0.2241	0.45	29	11.4	0.52
Greenbo Lake	GBL_32.1	15	4	11	0.6833	0.3167	0.37	30	13.4	1.13
Greenbo Lake	GBL_33.1	25	0	5	0.9167	0.0833	0.17	30	9.9	0.39
Greenbo Lake	GBL_34.1	17	1	12	0.7667	0.2333	0.40	30	11.5	0.80
Greenbo Lake	GBL_35.1	15	5	10	0.6667	0.3333	0.33	30	10.1	0.45
Greenbo Lake	GBL_36.1	12	2	16	0.6667	0.3333	0.53	30	10.7	0.50
Greenbo Lake	GBL_37.1	19	2	8	0.7931	0.2069	0.28	29	9.8	0.38
Greenbo Lake	GBL_38.1	20	3	7	0.7833	0.2167	0.23	30	5.0	0.04
Greenbo Lake	GBL_39.1	19	1	10	0.8000	0.2000	0.33	30	3.7	0.02
Greenbo Lake	GBL_40.1	16	3	11	0.7167	0.2833	0.37	30	3.1	0.01
Greenbo Lake	GBL_41.1	22	0	8	0.8667	0.1333	0.27	30	3.4	0.01
Greenbo Lake	GBL_42.1	20	5	5	0.7500	0.2500	0.17	30	3.4	0.01
Greenbo Lake	GBL_43.1	13	2	15	0.6833	0.3167	0.50	30	3.1	0.01
Greenbo Lake	GBL_44.1	18	2	10	0.7667	0.2333	0.33	30	3.4	0.02
Greenbo Lake	GBL_45.1	20	3	6	0.7931	0.2069	0.21	29	3.1	0.01
Greenbo Lake	GBL_46.1	15	6	8	0.6552	0.3448	0.28	29	3.2	0.01
Greenbo Lake	GBL_47.1	15	4	11	0.6833	0.3167	0.37	30	2.8	
Greenbo Lake	GBL_48.1	17	2	10	0.7586	0.2414	0.34	29	3.5	0.01
Greenbo Lake	GBL_49.1	18	4	8	0.7333	0.2667	0.27	30	3.2	0.01
Greenbo Lake	GBL_50.1	16	4	10	0.7000	0.3000	0.33	30	2.6	
Guist Creek Lake	GCL_01.1	21	0	3	0.9375	0.0625	0.13	24	12.3	0.82
Guist Creek Lake	GCL_02.1	26	0	1	0.9815	0.0185	0.04	27	11.5	0.66
Guist Creek Lake	GCL_03.1	23	1	6	0.8667	0.1333	0.20	30	7.6	0.21
Guist Creek Lake	GCL_04.1	25	1	4	0.9000	0.1000	0.13	30	12.9	1.08
Guist Creek Lake	GCL_05.1	22	2	6	0.8333	0.1667	0.20	30	8.8	0.31
Guist Creek Lake	GCL_06.1	25	1	4	0.9000	0.1000	0.13	30	11.7	0.62
Guist Creek Lake	GCL_07.1	28	0	2	0.9667	0.0333	0.07	30	6.6	0.14
Guist Creek Lake	GCL_08.1	27	0	3	0.9500	0.0500	0.10	30	13.0	1.25
Guist Creek Lake	GCL_09.1	26	1	3	0.9167	0.0833	0.10	30	17.5	2.93
Guist Creek Lake	GCL_10.1	24	0	6	0.9000	0.1000	0.20	30	14.4	1.37
Guist Creek Lake	GCL_11.1	24	3	3	0.8500	0.1500	0.10	30	17.6	3.15
Guist Creek Lake	GCL_12.1	24	1	5	0.8833	0.1167	0.17	30	15.6	1.87
Guist Creek Lake	GCL_13.1	21	3	6	0.8000	0.2000	0.20	30	9.4	0.36
Guist Creek Lake	GCL_14.1	26	0	4	0.9333	0.0667	0.13	30	16.0	2.13
Guist Creek Lake	GCL_15.1	23	1	6	0.8667	0.1333	0.20	30	8.2	0.21

Guist Creek Lake	GCL_16.1	24	0	6	0.9000	0.1000	0.20	30	17.9	2.84
Guist Creek Lake	GCL_17.1	25	0	5	0.9167	0.0833	0.17	30	5.7	0.09
Guist Creek Lake	GCL_18.1	29	0	1	0.9833	0.0167	0.03	30	10.3	0.48
Guist Creek Lake	GCL_19.1	26	1	3	0.9167	0.0833	0.10	30	16.6	2.64
Guist Creek Lake	GCL_20.1	23	2	5	0.8500	0.1500	0.17	30	9.3	0.34
Guist Creek Lake	GCL_21.1	26	1	3	0.9167	0.0833	0.10	30	9.5	0.39
Guist Creek Lake	GCL_22.1	23	2	5	0.8500	0.1500	0.17	30	5.5	0.07
Guist Creek Lake	GCL_23.1	25	0	5	0.9167	0.0833	0.17	30	6.0	0.09
Guist Creek Lake	GCL_24.1	21	2	7	0.8167	0.1833	0.23	30	4.7	0.01
Guist Creek Lake	GCL_25.1	24	0	6	0.9000	0.1000	0.20	30	15.0	1.67
Guist Creek Lake	GCL_26.1	24	1	5	0.8833	0.1167	0.17	30	16.0	2.30
Guist Creek Lake	GCL_27.1	24	0	6	0.9000	0.1000	0.20	30	13.9	1.31
Guist Creek Lake	GCL_28.1	23	0	7	0.8833	0.1167	0.23	30	16.0	2.35
Guist Creek Lake	GCL_29.1	23	0	7	0.8833	0.1167	0.23	30	11.4	0.69
Guist Creek Lake	GCL_30.1	29	0	1	0.9833	0.0167	0.03	30	17.5	2.86
Guist Creek Lake	GCL_31.1	22	0	8	0.8667	0.1333	0.27	30	17.2	3.20
Guist Creek Lake	GCL_32.1	26	0	4	0.9333	0.0667	0.13	30	18.0	3.26
Guist Creek Lake	GCL_33.1	22	0	8	0.8667	0.1333	0.27	30	9.8	0.42
Guist Creek Lake	GCL_34.1	24	0	6	0.9000	0.1000	0.20	30	17.1	2.65
Guist Creek Lake	GCL_35.1	29	1	0	0.9667	0.0333	0.00	30	15.0	1.88
Guist Creek Lake	GCL_36.1	26	1	3	0.9167	0.0833	0.10	30	15.8	2.32
Guist Creek Lake	GCL_37.1	25	0	5	0.9167	0.0833	0.17	30	15.4	1.85
Guist Creek Lake	GCL_38.1	21	0	9	0.8500	0.1500	0.30	30	11.3	0.64
Guist Creek Lake	GCL_39.1	23	0	7	0.8833	0.1167	0.23	30	16.5	2.34
Guist Creek Lake	GCL_40.1	18	0	12	0.8000	0.2000	0.40	30	19.0	3.70
Guist Creek Lake	GCL_41.1	28	1	1	0.9500	0.0500	0.03	30	17.3	2.92
Guist Creek Lake	GCL_42.1	26	0	4	0.9333	0.0667	0.13	30	11.0	0.63
Guist Creek Lake	GCL_43.1	22	1	7	0.8500	0.1500	0.23	30	8.5	0.28
Guist Creek Lake	GCL_44.1	21	0	8	0.8621	0.1379	0.28	29	19.0	3.78
Guist Creek Lake	GCL_45.1	24	1	5	0.8833	0.1167	0.17	30	10.9	0.54
Guist Creek Lake	GCL_46.1	26	1	3	0.9167	0.0833	0.10	30	14.0	1.64
Guist Creek Lake	GCL_47.1	28	0	2	0.9667	0.0333	0.07	30	12.7	0.95
Guist Creek Lake	GCL_48.1	22	0	8	0.8667	0.1333	0.27	30	7.4	0.17
Guist Creek Lake	GCL_49.1	27	1	2	0.9333	0.0667	0.07	30	17.1	2.82
Guist Creek Lake	GCL_50.1	22	1	7	0.8500	0.1500	0.23	30	8.0	0.19
Green River Lake	GRL_01.1	26	0	4	0.9333	0.0667	0.13	30	7.6	0.18
Green River Lake	GRL_02.1	24	0	6	0.9000	0.1000	0.20	30	9.6	0.42
Green River Lake	GRL_03.1	27	1	2	0.9333	0.0667	0.07	30	9.3	0.31
Green River Lake	GRL_04.1	26	0	4	0.9333	0.0667	0.13	30	11.1	0.54
Green River Lake	GRL_05.1	25	0	5	0.9167	0.0833	0.17	30	10.1	0.43
Green River Lake	GRL_06.1	28	0	2	0.9667	0.0333	0.07	30	9.8	0.37
Green River Lake	GRL_07.1	28	0	1	0.9828	0.0172	0.03	29	12.0	0.77
Green River Lake	GRL_08.1	27	0	3	0.9500	0.0500	0.10	30	16.7	2.66
Green River Lake	GRL_09.1	29	0	1	0.9833	0.0167	0.03	30	13.7	1.02
Green River Lake	GRL_10.1	29	0	1	0.9833	0.0167	0.03	30	10.8	0.54
Green River Lake	GRL_11.1	29	0	1	0.9833	0.0167	0.03	30	19.7	4.07
Green River Lake	GRL_12.1	28	0	2	0.9667	0.0333	0.07	30	17.8	3.22
Green River Lake	GRL_13.1	29	0	1	0.9833	0.0167	0.03	30	17.2	2.70
Green River Lake	GRL_14.1	24	1	5	0.8833	0.1167	0.17	30	16.6	2.70
Green River Lake	GRL_15.1	28	0	2	0.9667	0.0333	0.07	30	18.1	3.33
Green River Lake	GRL_16.1	26	0	4	0.9333	0.0667	0.13	30	19.8	3.21
Green River Lake	GRL_17.1	27	0	3	0.9500	0.0500	0.10	30	16.0	1.55
Green River Lake	GRL_18.1	25	0	5	0.9167	0.0833	0.17	30	16.9	2.81
Green River Lake	GRL_19.1	28	0	2	0.9667	0.0333	0.07	30	17.4	3.26
Green River Lake	GRL_20.1	28	0	2	0.9667	0.0333	0.07	30	15.0	1.42
Green River Lake	GRL_21.1	27	0	3	0.9500	0.0500	0.10	30	11.2	0.64
Green River Lake	GRL_22.1	27	0	2	0.9655	0.0345	0.07	29	12.8	0.89
Green River Lake	GRL_23.1	29	0	1	0.9833	0.0167	0.03	30	11.5	0.60
Green River Lake	GRL_24.1	27	0	3	0.9500	0.0500	0.10	30	7.6	0.16
Green River Lake	GRL_25.1	28	0	2	0.9667	0.0333	0.07	30	9.0	0.31
Green River Lake	GRL_26.1	27	0	3	0.9500	0.0500	0.10	30	10.7	0.48
Green River Lake	GRL_27.1	23	1	5	0.8793	0.1207	0.17	29	15.8	1.83
Green River Lake	GRL_28.1	29	1	0	0.9667	0.0333	0.00	30	20.2	4.75
Green River Lake	GRL_29.1	29	0	1	0.9833	0.0167	0.03	30	19.6	4.12
Green River Lake	GRL_30.1	27	0	3	0.9500	0.0500	0.10	30	15.9	2.14

Green River Lake	GRL_31.1	26	0	4	0.9333	0.0667	0.13	30	9.7	0.42
Green River Lake	GRL_32.1	24	1	4	0.8966	0.1034	0.14	29	9.3	0.42
Green River Lake	GRL_33.1	29	0	1	0.9833	0.0167	0.03	30	15.1	1.99
Green River Lake	GRL_34.1	23	0	7	0.8833	0.1167	0.23	30	12.4	0.66
Green River Lake	GRL_35.1	28	0	2	0.9667	0.0333	0.07	30	8.3	0.22
Green River Lake	GRL_36.1	22	0	8	0.8667	0.1333	0.27	30	17.6	3.00
Green River Lake	GRL_37.1	24	0	5	0.9138	0.0862	0.17	29	18.9	4.17
Green River Lake	GRL_38.1	26	0	4	0.9333	0.0667	0.13	30	16.5	2.03
Green River Lake	GRL_39.1	28	0	2	0.9667	0.0333	0.07	30	17.1	2.33
Green River Lake	GRL_40.1	26	0	4	0.9333	0.0667	0.13	30	16.0	1.58
Green River Lake	GRL_41.1	25	1	3	0.9138	0.0862	0.10	29	13.6	1.19
Green River Lake	GRL_42.1	28	0	2	0.9667	0.0333	0.07	30	18.9	3.67
Green River Lake	GRL_43.1	25	0	3	0.9464	0.0536	0.11	28	16.2	2.46
Green River Lake	GRL_44.1	26	2	1	0.9138	0.0862	0.03	29	13.6	1.21
Green River Lake	GRL_45.1	28	0	2	0.9667	0.0333	0.07	30	17.8	2.87
Green River Lake	GRL_46.1	28	0	0	1.0000	0.0000	0.00	28	16.0	2.10
Green River Lake	GRL_47.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	8.6	0.25
Green River Lake	GRL_48.1	24	0	6	0.9000	0.1000	0.20	30	12.0	0.78
Green River Lake	GRL_49.1	24	0	6	0.9000	0.1000	0.20	30	7.0	0.14
Green River Lake	GRL_50.1	24	1	5	0.8833	0.1167	0.17	30	16.2	1.99
Grayson Lake	GRY_01.1	25	0	5	0.9167	0.0833	0.17	30	12.4	0.84
Grayson Lake	GRY_02.1	24	1	5	0.8833	0.1167	0.17	30	10.9	0.61
Grayson Lake	GRY_03.1	29	0	1	0.9833	0.0167	0.03	30	10.1	0.42
Grayson Lake	GRY_04.1	25	2	3	0.8833	0.1167	0.10	30	8.2	0.22
Grayson Lake	GRY_05.1	28	0	1	0.9828	0.0172	0.03	29	12.6	0.94
Grayson Lake	GRY_06.1	27	1	1	0.9483	0.0517	0.03	29	10.4	0.42
Grayson Lake	GRY_07.1	30	0	0	1.0000	0.0000	0.00	30	16.3	1.92
Grayson Lake	GRY_08.1	23	0	2	0.9600	0.0400	0.08	25	11.6	0.65
Grayson Lake	GRY_09.1	26	1	1	0.9464	0.0536	0.04	28	10.4	0.50
Grayson Lake	GRY_10.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	4.5	0.04
Grayson Lake	GRY_11.1	30	0	0	1.0000	0.0000	0.00	30	8.7	0.26
Grayson Lake	GRY_12.1	27	0	3	0.9500	0.0500	0.10	30	11.7	0.74
Grayson Lake	GRY_13.1	25	1	4	0.9000	0.1000	0.13	30	4.5	0.03
Grayson Lake	GRY_14.1	24	2	3	0.8793	0.1207	0.10	29	9.3	0.28
Grayson Lake	GRY_15.1	28	1	1	0.9500	0.0500	0.03	30	11.2	0.60
Grayson Lake	GRY_16.1	26	0	3	0.9483	0.0517	0.10	29	9.2	0.27
Grayson Lake	GRY_17.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	12.3	0.73
Grayson Lake	GRY_18.1	28	1	1	0.9500	0.0500	0.03	30	10.1	0.40
Grayson Lake	GRY_19.1	23	0	6	0.8966	0.1034	0.21	29	11.7	0.68
Grayson Lake	GRY_20.1	27	0	3	0.9500	0.0500	0.10	30	10.7	0.51
Grayson Lake	GRY_21.1	22	0	8	0.8667	0.1333	0.27	30	10.6	0.47
Grayson Lake	GRY_22.1	29	0	0	1.0000	0.0000	0.00	29	7.9	0.16
Grayson Lake	GRY_23.1	26	0	3	0.9483	0.0517	0.10	29	9.4	0.30
Grayson Lake	GRY_24.1	29	0	1	0.9833	0.0167	0.03	30	9.3	0.32
Grayson Lake	GRY_25.1	26	0	4	0.9333	0.0667	0.13	30	8.4	0.21
Grayson Lake	GRY_26.1	26	0	3	0.9483	0.0517	0.10	29	9.2	0.30
Grayson Lake	GRY_27.1	30	0	0	1.0000	0.0000	0.00	30	8.1	0.19
Grayson Lake	GRY_28.1	29	0	1	0.9833	0.0167	0.03	30	7.8	0.16
Grayson Lake	GRY_29.1	29	0	0	1.0000	0.0000	0.00	29	8.7	0.22
Grayson Lake	GRY_30.1	28	0	2	0.9667	0.0333	0.07	30	10.3	0.38
Grayson Lake	GRY_31.1	27	0	3	0.9500	0.0500	0.10	30	9.7	0.32
Grayson Lake	GRY_32.1	29	1	0	0.9667	0.0333	0.00	30	10.2	0.41
Grayson Lake	GRY_33.1	26	1	2	0.9310	0.0690	0.07	29	8.4	0.23
Grayson Lake	GRY_34.1	22	1	7	0.8500	0.1500	0.23	30	10.7	0.49
Grayson Lake	GRY_35.1	29	0	1	0.9833	0.0167	0.03	30	8.9	0.27
Grayson Lake	GRY_36.1	29	0	1	0.9833	0.0167	0.03	30	8.2	0.30
Grayson Lake	GRY_37.1	29	0	1	0.9833	0.0167	0.03	30	10.4	0.43
Grayson Lake	GRY_38.1	29	1	0	0.9667	0.0333	0.00	30	9.3	0.32
Grayson Lake	GRY_39.1	29	0	1	0.9833	0.0167	0.03	30	9.3	0.26
Grayson Lake	GRY_40.1	27	0	1	0.9821	0.0179	0.04	28	9.8	0.36
Grayson Lake	GRY_41.1	25	0	5	0.9167	0.0833	0.17	30	9.8	0.34
Grayson Lake	GRY_42.1	27	1	2	0.9333	0.0667	0.07	30	17.7	2.44
Grayson Lake	GRY_43.1	26	0	4	0.9333	0.0667	0.13	30	7.7	0.20
Grayson Lake	GRY_44.1	26	0	3	0.9483	0.0517	0.10	29	8.4	0.22
Grayson Lake	GRY_45.1	25	0	4	0.9310	0.0690	0.14	29	8.2	0.21

Grayson Lake	GRY_46.1	28	0	1	0.9828	0.0172	0.03	29	9.0	0.29
Grayson Lake	GRY_47.1	24	0	6	0.9000	0.1000	0.20	30	10.5	0.41
Grayson Lake	GRY_48.1	26	1	3	0.9167	0.0833	0.10	30	5.0	0.04
Grayson Lake	GRY_49.1	25	1	4	0.9000	0.1000	0.13	30	5.9	0.07
Grayson Lake	GRY_50.1	27	0	3	0.9500	0.0500	0.10	30	4.5	0.03
Herrington Lake	HER_01.1	25	0	5	0.9167	0.0833	0.17	30	16.0	2.09
Herrington Lake	HER_02.1	9	3	18	0.6000	0.4000	0.60	30	15.5	2.32
Herrington Lake	HER_03.1	25	1	4	0.9000	0.1000	0.13	30	10.9	0.64
Herrington Lake	HER_04.1	27	0	3	0.9500	0.0500	0.10	30	13.3	1.26
Herrington Lake	HER_05.1	25	0	5	0.9167	0.0833	0.17	30	13.5	1.27
Herrington Lake	HER_06.1	26	1	3	0.9167	0.0833	0.10	30	7.5	0.15
Herrington Lake	HER_07.1	23	2	4	0.8621	0.1379	0.14	29	17.0	2.85
Herrington Lake	HER_08.1	26	1	3	0.9167	0.0833	0.10	30	15.1	1.77
Herrington Lake	HER_09.1	25	0	5	0.9167	0.0833	0.17	30	9.3	0.39
Herrington Lake	HER_10.1	28	1	1	0.9500	0.0500	0.03	30	10.0	0.45
Herrington Lake	HER_11.1	25	1	4	0.9000	0.1000	0.13	30	19.0	3.49
Herrington Lake	HER_12.1	24	0	6	0.9000	0.1000	0.20	30	9.0	0.34
Herrington Lake	HER_13.1	28	1	1	0.9500	0.0500	0.03	30	18.1	3.50
Herrington Lake	HER_14.1	26	1	3	0.9167	0.0833	0.10	30	17.2	2.56
Herrington Lake	HER_15.1	22	2	6	0.8333	0.1667	0.20	30	14.6	1.38
Herrington Lake	HER_16.1	23	1	5	0.8793	0.1207	0.17	29	17.1	3.07
Herrington Lake	HER_17.1	23	0	7	0.8833	0.1167	0.23	30	20.3	4.43
Herrington Lake	HER_18.1	26	0	4	0.9333	0.0667	0.13	30	11.5	0.75
Herrington Lake	HER_19.1	26	1	3	0.9167	0.0833	0.10	30	18.8	3.73
Herrington Lake	HER_20.1	28	0	2	0.9667	0.0333	0.07	30	5.6	0.06
Herrington Lake	HER_21.1	26	0	4	0.9333	0.0667	0.13	30	14.6	1.49
Herrington Lake	HER_22.1	25	0	5	0.9167	0.0833	0.17	30	17.5	2.74
Herrington Lake	HER_23.1	28	0	2	0.9667	0.0333	0.07	30	12.3	0.91
Herrington Lake	HER_24.1	27	0	3	0.9500	0.0500	0.10	30	15.8	2.03
Herrington Lake	HER_25.1	21	1	8	0.8333	0.1667	0.27	30	9.0	0.33
Herrington Lake	HER_26.1	25	0	5	0.9167	0.0833	0.17	30	5.8	0.10
Herrington Lake	HER_27.1	27	0	3	0.9500	0.0500	0.10	30	9.2	0.33
Herrington Lake	HER_28.1	27	0	3	0.9500	0.0500	0.10	30	13.2	1.25
Herrington Lake	HER_29.1	24	1	5	0.8833	0.1167	0.17	30	9.8	0.43
Herrington Lake	HER_30.1	25	0	5	0.9167	0.0833	0.17	30	11.0	0.54
Herrington Lake	HER_31.1	24	2	4	0.8667	0.1333	0.13	30	10.5	0.52
Herrington Lake	HER_32.1	26	0	4	0.9333	0.0667	0.13	30	6.3	0.10
Herrington Lake	HER_33.1	23	0	7	0.8833	0.1167	0.23	30	3.7	0.02
Herrington Lake	HER_34.1	25	0	5	0.9167	0.0833	0.17	30	13.9	1.26
Herrington Lake	HER_35.1	25	1	4	0.9000	0.1000	0.13	30	16.7	2.18
Herrington Lake	HER_36.1	23	1	6	0.8667	0.1333	0.20	30	16.8	2.04
Herrington Lake	HER_37.1	24	1	5	0.8833	0.1167	0.17	30	14.5	1.55
Herrington Lake	HER_38.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	15.5	1.53
Herrington Lake	HER_39.1	24	0	6	0.9000	0.1000	0.20	30	16.7	2.20
Herrington Lake	HER_40.1	25	2	3	0.8833	0.1167	0.10	30	4.1	0.03
Herrington Lake	HER_41.1	28	0	2	0.9667	0.0333	0.07	30	3.6	0.01
Herrington Lake	HER_42.1	25	1	4	0.9000	0.1000	0.13	30	3.3	0.01
Herrington Lake	HER_43.1	27	2	1	0.9167	0.0833	0.03	30	11.8	0.76
Herrington Lake	HER_44.1	19	1	10	0.8000	0.2000	0.33	30	11.5	0.71
Herrington Lake	HER_45.1	28	0	2	0.9667	0.0333	0.07	30	10.6	0.65
Herrington Lake	HER_46.1	25	1	4	0.9000	0.1000	0.13	30	14.8	1.70
Herrington Lake	HER_47.1	27	0	3	0.9500	0.0500	0.10	30	17.4	2.58
Herrington Lake	HER_48.1	30	0	0	1.0000	0.0000	0.00	30	16.0	1.98
Herrington Lake	HER_49.1	26	1	3	0.9167	0.0833	0.10	30	9.8	0.46
Herrington Lake	HER_50.1	28	0	2	0.9667	0.0333	0.07	30	11.5	0.70
Highsplint Lake	HSL_01.1	6	10	14	0.4333	0.5667	0.47	30	13.8	1.82
Highsplint Lake	HSL_02.1	3	10	17	0.3833	0.6167	0.57	30	12.3	0.70
Highsplint Lake	HSL_03.1	8	14	8	0.4000	0.6000	0.27	30	9.7	0.36
Highsplint Lake	HSL_04.1	5	14	11	0.3500	0.6500	0.37	30	10.5	0.46
Highsplint Lake	HSL_05.1	9	11	10	0.4667	0.5333	0.33	30	12.3	0.63
Highsplint Lake	HSL_06.1	6	16	8	0.3333	0.6667	0.27	30	9.5	0.33
Highsplint Lake	HSL_07.1	4	11	15	0.3833	0.6167	0.50	30	10.2	0.38
Highsplint Lake	HSL_08.1	2	13	15	0.3167	0.6833	0.50	30	11.7	0.64
Highsplint Lake	HSL_09.1	6	17	7	0.3167	0.6833	0.23	30	9.6	0.33
Highsplint Lake	HSL_10.1	2	16	12	0.2667	0.7333	0.40	30	8.4	0.21



Highsplint Lake	HSL_11.1	5	9	16	0.4333	0.5667	0.53	30	11.2	0.55
Highsplint Lake	HSL_12.1	6	18	6	0.3000	0.7000	0.20	30	9.8	0.37
Highsplint Lake	HSL_13.1	6	9	15	0.4500	0.5500	0.50	30	9.4	0.34
Highsplint Lake	HSL_14.1	5	15	10	0.3333	0.6667	0.33	30	13.2	0.98
Highsplint Lake	HSL_15.1	8	15	7	0.3833	0.6167	0.23	30	11.6	0.64
Highsplint Lake	HSL_16.1	6	11	13	0.4167	0.5833	0.43	30	10.2	0.44
Highsplint Lake	HSL_17.1	5	12	13	0.3833	0.6167	0.43	30	9.8	0.44
Highsplint Lake	HSL_18.1	4	12	14	0.3667	0.6333	0.47	30	9.7	0.34
Highsplint Lake	HSL_19.1	5	10	15	0.4167	0.5833	0.50	30	11.7	0.58
Highsplint Lake	HSL_20.1	4	12	13	0.3621	0.6379	0.45	29	11.2	0.47
Highsplint Lake	HSL_21.1	8	17	5	0.3500	0.6500	0.17	30	9.8	0.45
Highsplint Lake	HSL_22.1	2	14	14	0.3000	0.7000	0.47	30	11.1	0.55
Highsplint Lake	HSL_23.1	6	11	12	0.4138	0.5862	0.41	29	9.8	0.35
Highsplint Lake	HSL_24.1	6	12	12	0.4000	0.6000	0.40	30	9.4	0.31
Highsplint Lake	HSL_25.1	1	9	20	0.3667	0.6333	0.67	30	9.2	0.38
Highsplint Lake	HSL_26.1	4	16	10	0.3000	0.7000	0.33	30	9.3	0.36
Highsplint Lake	HSL_27.1	10	14	6	0.4333	0.5667	0.20	30	12.3	0.73
Highsplint Lake	HSL_28.1	2	14	14	0.3000	0.7000	0.47	30	11.4	0.65
Highsplint Lake	HSL_29.1	5	15	10	0.3333	0.6667	0.33	30	11.7	0.62
Highsplint Lake	HSL_30.1	6	13	11	0.3833	0.6167	0.37	30	10.2	0.42
Highsplint Lake	HSL_31.1	10	13	6	0.4483	0.5517	0.21	29	9.7	0.42
Highsplint Lake	HSL_32.1	3	15	12	0.3000	0.7000	0.40	30	8.5	0.22
Highsplint Lake	HSL_33.1	8	9	13	0.4833	0.5167	0.43	30	11.3	0.60
Highsplint Lake	HSL_34.1	3	15	12	0.3000	0.7000	0.40	30	9.8	0.38
Highsplint Lake	HSL_35.1	6	14	10	0.3667	0.6333	0.33	30	9.8	0.42
Highsplint Lake	HSL_36.1	6	9	15	0.4500	0.5500	0.50	30	10.3	0.43
Highsplint Lake	HSL_37.1	5	11	14	0.4000	0.6000	0.47	30	9.7	0.38
Highsplint Lake	HSL_38.1	3	16	11	0.2833	0.7167	0.37	30	7.2	0.15
Highsplint Lake	HSL_39.1	11	8	11	0.5500	0.4500	0.37	30	11.3	0.57
Highsplint Lake	HSL_40.1	3	17	10	0.2667	0.7333	0.33	30	13.6	1.20
Highsplint Lake	HSL_41.1	6	9	15	0.4500	0.5500	0.50	30	8.8	0.28
Highsplint Lake	HSL_42.1	3	8	19	0.4167	0.5833	0.63	30	12.1	0.73
Highsplint Lake	HSL_43.1	7	11	11	0.4310	0.5690	0.38	29	10.0	0.38
Highsplint Lake	HSL_44.1	7	15	8	0.3667	0.6333	0.27	30	9.2	0.36
Highsplint Lake	HSL_45.1	6	11	13	0.4167	0.5833	0.43	30	4.2	0.03
Highsplint Lake	HSL_46.1	4	8	18	0.4333	0.5667	0.60	30	11.3	0.59
Highsplint Lake	HSL_47.1	3	14	13	0.3167	0.6833	0.43	30	10.7	0.48
Highsplint Lake	HSL_48.1	2	17	11	0.2500	0.7500	0.37	30	12.2	0.80
Highsplint Lake	HSL_49.1	3	11	16	0.3667	0.6333	0.53	30	9.5	0.39
Highsplint Lake	HSL_50.1	6	11	13	0.4167	0.5833	0.43	30	20.5	6.23
Jacobson Park Lake	JCP_01.1	28	1	1	0.9500	0.0500	0.03	30	10.8	0.60
Jacobson Park Lake	JCP_02.1	30	0	0	1.0000	0.0000	0.00	30	12.4	0.88
Jacobson Park Lake	JCP_03.1	28	0	1	0.9828	0.0172	0.03	29	11.1	0.64
Jacobson Park Lake	JCP_04.1	27	0	3	0.9500	0.0500	0.10	30	12.5	1.01
Jacobson Park Lake	JCP_05.1	24	0	6	0.9000	0.1000	0.20	30	18.0	3.83
Jacobson Park Lake	JCP_06.1	23	0	7	0.8833	0.1167	0.23	30	11.4	0.76
Jacobson Park Lake	JCP_07.1	25	0	5	0.9167	0.0833	0.17	30	11.3	0.75
Jacobson Park Lake	JCP_08.1	25	0	3	0.9464	0.0536	0.11	28	10.8	0.63
Jacobson Park Lake	JCP_09.1	27	0	3	0.9500	0.0500	0.10	30	16.0	2.43
Jacobson Park Lake	JCP_10.1	27	0	3	0.9500	0.0500	0.10	30	13.3	1.24
Jacobson Park Lake	JCP_11.1	27	0	3	0.9500	0.0500	0.10	30	14.0	1.25
Jacobson Park Lake	JCP_12.1	25	0	5	0.9167	0.0833	0.17	30	16.3	2.77
Jacobson Park Lake	JCP_13.1	24	0	6	0.9000	0.1000	0.20	30	15.4	2.04
Jacobson Park Lake	JCP_14.1	27	0	3	0.9500	0.0500	0.10	30	18.0	3.69
Jacobson Park Lake	JCP_15.1	29	0	1	0.9833	0.0167	0.03	30	17.3	3.35
Jacobson Park Lake	JCP_16.1	28	1	1	0.9500	0.0500	0.03	30	13.2	1.28
Jacobson Park Lake	JCP_17.1	29	0	1	0.9833	0.0167	0.03	30	13.5	1.28
Jacobson Park Lake	JCP_18.1	26	1	3	0.9167	0.0833	0.10	30	11.7	0.79
Jacobson Park Lake	JCP_19.1	28	0	2	0.9667	0.0333	0.07	30	10.7	0.67
Jacobson Park Lake	JCP_20.1	29	0	1	0.9833	0.0167	0.03	30	12.1	0.94
Jacobson Park Lake	JCP_21.1	27	0	3	0.9500	0.0500	0.10	30	13.6	1.45
Jacobson Park Lake	JCP_22.1	28	0	2	0.9667	0.0333	0.07	30	13.3	1.29
Jacobson Park Lake	JCP_23.1	28	1	1	0.9500	0.0500	0.03	30	14.0	1.74
Jacobson Park Lake	JCP_24.1	24	0	6	0.9000	0.1000	0.20	30	15.4	2.24
Jacobson Park Lake	JCP_25.1	24	1	5	0.8833	0.1167	0.17	30	14.7	1.76

Jacobson Park Lake	JCP_26.1	26	0	3	0.9483	0.0517	0.10	29	9.2	0.40
Jacobson Park Lake	JCP_27.1	30	0	0	1.0000	0.0000	0.00	30	6.2	0.14
Jacobson Park Lake	JCP_28.1	26	1	3	0.9167	0.0833	0.10	30	14.8	1.82
Jacobson Park Lake	JCP_29.1	26	0	4	0.9333	0.0667	0.13	30	5.6	0.13
Jacobson Park Lake	JCP_30.1	29	0	1	0.9833	0.0167	0.03	30	13.8	1.25
Jacobson Park Lake	JCP_31.1	29	0	1	0.9833	0.0167	0.03	30	16.9	2.93
Jacobson Park Lake	JCP_32.1	28	0	0	1.0000	0.0000	0.00	28	14.0	1.59
Jacobson Park Lake	JCP_33.1	28	0	2	0.9667	0.0333	0.07	30	12.2	0.92
Jacobson Park Lake	JCP_34.1	28	0	2	0.9667	0.0333	0.07	30	6.6	0.19
Jacobson Park Lake	JCP_35.1	24	0	6	0.9000	0.1000	0.20	30	13.5	1.22
Jacobson Park Lake	JCP_36.1	29	0	1	0.9833	0.0167	0.03	30	10.2	0.50
Jacobson Park Lake	JCP_37.1	28	0	2	0.9667	0.0333	0.07	30	14.9	1.80
Jacobson Park Lake	JCP_38.1	28	0	2	0.9667	0.0333	0.07	30	12.6	1.02
Jacobson Park Lake	JCP_39.1	28	0	2	0.9667	0.0333	0.07	30	5.1	0.08
Jacobson Park Lake	JCP_40.1	29	0	1	0.9833	0.0167	0.03	30	17.7	2.80
Jacobson Park Lake	JCP_41.1	27	0	3	0.9500	0.0500	0.10	30	13.3	1.31
Jacobson Park Lake	JCP_42.1	25	0	5	0.9167	0.0833	0.17	30	14.8	1.98
Jacobson Park Lake	JCP_43.1	28	0	2	0.9667	0.0333	0.07	30	6.7	0.13
Jacobson Park Lake	JCP_44.1	29	0	1	0.9833	0.0167	0.03	30	15.5	2.17
Jacobson Park Lake	JCP_45.1	28	0	2	0.9667	0.0333	0.07	30	17.9	3.60
Jacobson Park Lake	JCP_46.1	30	0	0	1.0000	0.0000	0.00	30	17.8	3.33
Jacobson Park Lake	JCP_47.1	28	0	2	0.9667	0.0333	0.07	30	14.3	1.68
Jacobson Park Lake	JCP_48.1	25	0	5	0.9167	0.0833	0.17	30	16.3	2.75
Jacobson Park Lake	JCP_49.1	29	0	1	0.9833	0.0167	0.03	30	16.2	2.75
Jacobson Park Lake	JCP_50.1	23	0	7	0.8833	0.1167	0.23	30	18.8	4.45
Kentucky Lake	KEN_01.1	22	0	8	0.8667	0.1333	0.27	30	13.4	1.38
Kentucky Lake	KEN_02.1	26	1	3	0.9167	0.0833	0.10	30	14.9	1.66
Kentucky Lake	KEN_03.1	24	1	5	0.8833	0.1167	0.17	30	18.0	3.18
Kentucky Lake	KEN_04.1	27	0	3	0.9500	0.0500	0.10	30	5.0	0.05
Kentucky Lake	KEN_05.1	24	1	5	0.8833	0.1167	0.17	30	14.3	1.41
Kentucky Lake	KEN_06.1	22	0	8	0.8667	0.1333	0.27	30	9.4	0.37
Kentucky Lake	KEN_07.1	24	1	4	0.8966	0.1034	0.14	29	13.3	1.14
Kentucky Lake	KEN_08.1	28	0	2	0.9667	0.0333	0.07	30	11.1	0.71
Kentucky Lake	KEN_09.1	25	0	5	0.9167	0.0833	0.17	30	17.5	2.85
Kentucky Lake	KEN_10.1	27	1	2	0.9333	0.0667	0.07	30	15.2	1.52
Kentucky Lake	KEN_11.1	29	0	1	0.9833	0.0167	0.03	30	5.5	0.07
Kentucky Lake	KEN_12.1	27	0	3	0.9500	0.0500	0.10	30	4.3	0.03
Kentucky Lake	KEN_13.1	28	0	2	0.9667	0.0333	0.07	30	12.7	0.98
Kentucky Lake	KEN_14.1	27	0	3	0.9500	0.0500	0.10	30	6.2	0.10
Kentucky Lake	KEN_15.1	27	0	3	0.9500	0.0500	0.10	30	12.8	1.02
Kentucky Lake	KEN_16.1	24	0	5	0.9138	0.0862	0.17	29	5.3	0.06
Kentucky Lake	KEN_17.1	28	0	2	0.9667	0.0333	0.07	30	13.3	1.15
Kentucky Lake	KEN_18.1	17	0	13	0.7833	0.2167	0.43	30	14.1	1.21
Kentucky Lake	KEN_19.1	29	0	1	0.9833	0.0167	0.03	30	17.7	2.80
Kentucky Lake	KEN_20.1	22	0	1	0.9783	0.0217	0.04	23	5.2	0.06
Kentucky Lake	KEN_21.1	26	0	3	0.9483	0.0517	0.10	29	16.2	1.55
Kentucky Lake	KEN_22.1	18	1	11	0.7833	0.2167	0.37	30	14.6	1.73
Kentucky Lake	KEN_23.1	28	0	2	0.9667	0.0333	0.07	30	4.4	0.03
Kentucky Lake	KEN_24.1	26	1	2	0.9310	0.0690	0.07	29	6.5	0.13
Kentucky Lake	KEN_25.1	23	0	0	1.0000	0.0000	0.00	23	5.1	0.05
Kentucky Lake	KEN_26.1	26	2	2	0.9000	0.1000	0.07	30	8.3	0.26
Kentucky Lake	KEN_27.1	29	0	1	0.9833	0.0167	0.03	30	14.3	1.68
Kentucky Lake	KEN_28.1	22	1	7	0.8500	0.1500	0.23	30	14.0	1.33
Kentucky Lake	KEN_29.1	26	0	4	0.9333	0.0667	0.13	30	5.4	0.07
Kentucky Lake	KEN_30.1	28	1	1	0.9500	0.0500	0.03	30	8.4	0.28
Kentucky Lake	KEN_31.1	28	0	1	0.9828	0.0172	0.03	29	7.5	0.20
Kentucky Lake	KEN_32.1	19	0	11	0.8167	0.1833	0.37	30	12.5	1.00
Kentucky Lake	KEN_33.1	28	0	1	0.9828	0.0172	0.03	29	14.2	1.52
Kentucky Lake	KEN_34.1	26	1	3	0.9167	0.0833	0.10	30	13.0	1.31
Kentucky Lake	KEN_35.1	26	0	4	0.9333	0.0667	0.13	30	14.7	1.55
Kentucky Lake	KEN_36.1	28	0	0	1.0000	0.0000	0.00	28	6.3	0.09
Kentucky Lake	KEN_37.1	26	1	3	0.9167	0.0833	0.10	30	4.2	0.03
Kentucky Lake	KEN_38.1	26	0	4	0.9333	0.0667	0.13	30	4.2	0.03
Kentucky Lake	KEN_39.1	23	0	6	0.8966	0.1034	0.21	29	3.4	0.02
Kentucky Lake	KEN_40.1	27	0	3	0.9500	0.0500	0.10	30	4.5	0.03

Kentucky Lake	KEN_41.1	27	0	3	0.9500	0.0500	0.10	30	13.8	1.50
Kentucky Lake	KEN_42.1	25	0	5	0.9167	0.0833	0.17	30	14.0	1.42
Kentucky Lake	KEN_43.1	22	0	8	0.8667	0.1333	0.27	30	5.7	0.08
Kentucky Lake	KEN_44.1	19	1	10	0.8000	0.2000	0.33	30	6.7	0.14
Kentucky Lake	KEN_45.1	26	0	4	0.9333	0.0667	0.13	30	5.1	0.06
Kentucky Lake	KEN_46.1	25	0	5	0.9167	0.0833	0.17	30	4.9	0.04
Kentucky Lake	KEN_47.1	22	1	6	0.8621	0.1379	0.21	29	7.9	0.27
Kentucky Lake	KEN_48.1	19	0	10	0.8276	0.1724	0.34	29	3.7	0.02
Kentucky Lake	KEN_49.1	24	1	5	0.8833	0.1167	0.17	30	5.1	0.06
Kentucky Lake	KEN_50.1	26	0	4	0.9333	0.0667	0.13	30	6.4	0.13
Kincaid Lake	KIN_01.1	25	1	3	0.9138	0.0862	0.10	29	15.5	2.15
Kincaid Lake	KIN_02.1	22	0	8	0.8667	0.1333	0.27	30	16.4	2.38
Kincaid Lake	KIN_03.1	23	0	7	0.8833	0.1167	0.23	30	15.8	2.21
Kincaid Lake	KIN_04.1	27	0	3	0.9500	0.0500	0.10	30	13.6	1.11
Kincaid Lake	KIN_05.1	26	0	4	0.9333	0.0667	0.13	30	15.9	2.26
Kincaid Lake	KIN_06.1	26	0	4	0.9333	0.0667	0.13	30	10.0	0.43
Kincaid Lake	KIN_07.1	26	0	3	0.9483	0.0517	0.10	29	16.0	1.96
Kincaid Lake	KIN_08.1	24	0	6	0.9000	0.1000	0.20	30	14.0	1.48
Kincaid Lake	KIN_09.1	25	0	5	0.9167	0.0833	0.17	30	12.3	0.86
Kincaid Lake	KIN_10.1	28	0	2	0.9667	0.0333	0.07	30	10.4	0.48
Kincaid Lake	KIN_11.1	25	0	5	0.9167	0.0833	0.17	30	7.5	0.16
Kincaid Lake	KIN_12.1	26	0	4	0.9333	0.0667	0.13	30	7.0	0.13
Kincaid Lake	KIN_13.1	25	0	5	0.9167	0.0833	0.17	30	20.0	5.00
Kincaid Lake	KIN_14.1	25	0	5	0.9167	0.0833	0.17	30	12.3	0.87
Kincaid Lake	KIN_15.1	23	0	7	0.8833	0.1167	0.23	30	19.6	4.07
Kincaid Lake	KIN_16.1	23	1	5	0.8793	0.1207	0.17	29	11.6	0.68
Kincaid Lake	KIN_17.1	24	1	5	0.8833	0.1167	0.17	30	11.1	0.62
Kincaid Lake	KIN_18.1	25	0	5	0.9167	0.0833	0.17	30	7.5	0.18
Kincaid Lake	KIN_19.1	26	0	4	0.9333	0.0667	0.13	30	16.2	2.55
Kincaid Lake	KIN_20.1	22	1	7	0.8500	0.1500	0.23	30	12.5	0.96
Kincaid Lake	KIN_21.1	27	0	3	0.9500	0.0500	0.10	30	14.8	1.63
Kincaid Lake	KIN_22.1	25	1	3	0.9138	0.0862	0.10	29	16.7	2.25
Kincaid Lake	KIN_23.1	26	2	2	0.9000	0.1000	0.07	30	17.2	2.44
Kincaid Lake	KIN_24.1	22	1	7	0.8500	0.1500	0.23	30	14.1	1.46
Kincaid Lake	KIN_25.1	21	0	9	0.8500	0.1500	0.30	30	15.1	1.92
Kincaid Lake	KIN_26.1	22	0	8	0.8667	0.1333	0.27	30	10.5	0.61
Kincaid Lake	KIN_27.1	24	2	4	0.8667	0.1333	0.13	30	12.0	0.74
Kincaid Lake	KIN_28.1	24	0	6	0.9000	0.1000	0.20	30	16.7	1.42
Kincaid Lake	KIN_29.1	22	0	8	0.8667	0.1333	0.27	30	13.7	1.11
Kincaid Lake	KIN_30.1	27	1	2	0.9333	0.0667	0.07	30	13.5	1.16
Kincaid Lake	KIN_31.1	25	2	3	0.8833	0.1167	0.10	30	16.3	2.24
Kincaid Lake	KIN_32.1	25	1	4	0.9000	0.1000	0.13	30	10.5	0.52
Kincaid Lake	KIN_33.1	27	0	3	0.9500	0.0500	0.10	30	8.5	0.26
Kincaid Lake	KIN_34.1	23	1	6	0.8667	0.1333	0.20	30	10.5	0.54
Kincaid Lake	KIN_35.1	26	0	4	0.9333	0.0667	0.13	30	7.6	0.17
Kincaid Lake	KIN_36.1	28	0	2	0.9667	0.0333	0.07	30	14.1	1.38
Kincaid Lake	KIN_37.1	26	0	4	0.9333	0.0667	0.13	30	15.3	1.87
Kincaid Lake	KIN_38.1	27	0	3	0.9500	0.0500	0.10	30	12.1	0.82
Kincaid Lake	KIN_39.1	26	0	4	0.9333	0.0667	0.13	30	8.6	0.28
Kincaid Lake	KIN_40.1	22	1	7	0.8500	0.1500	0.23	30	20.7	5.41
Kincaid Lake	KIN_41.1	22	0	8	0.8667	0.1333	0.27	30	18.7	3.84
Kincaid Lake	KIN_42.1	26	3	1	0.8833	0.1167	0.03	30	18.3	3.48
Kincaid Lake	KIN_43.1	29	0	1	0.9833	0.0167	0.03	30	15.1	1.95
Kincaid Lake	KIN_44.1	25	0	5	0.9167	0.0833	0.17	30	11.8	0.67
Kincaid Lake	KIN_45.1	21	2	7	0.8167	0.1833	0.23	30	11.9	0.81
Kincaid Lake	KIN_46.1	25	1	3	0.9138	0.0862	0.10	29	15.0	1.81
Kincaid Lake	KIN_47.1	26	1	3	0.9167	0.0833	0.10	30	11.6	0.82
Kincaid Lake	KIN_48.1	22	0	8	0.8667	0.1333	0.27	30	8.3	0.27
Kincaid Lake	KIN_49.1	23	2	5	0.8500	0.1500	0.17	30	9.7	0.39
Kincaid Lake	KIN_50.1	26	0	4	0.9333	0.0667	0.13	30	8.2	0.23
Lake Malone	LMA_01.1	25	1	4	0.9000	0.1000	0.13	30	19.3	3.54
Lake Malone	LMA_02.1	26	1	2	0.9310	0.0690	0.07	29	11.2	0.63
Lake Malone	LMA_03.1	25	1	4	0.9000	0.1000	0.13	30	8.5	0.27
Lake Malone	LMA_04.1	26	0	4	0.9333	0.0667	0.13	30	14.5	1.25
Lake Malone	LMA_05.1	23	2	5	0.8500	0.1500	0.17	30	8.5	0.25

Lake Malone	LMA_06.1	23	2	5	0.8500	0.1500	0.17	30	17.2	2.99
Lake Malone	LMA_07.1	25	1	4	0.9000	0.1000	0.13	30	12.4	0.85
Lake Malone	LMA_08.1	26	1	3	0.9167	0.0833	0.10	30	5.3	0.05
Lake Malone	LMA_09.1	28	0	2	0.9667	0.0333	0.07	30	14.1	1.12
Lake Malone	LMA_10.1	26	0	3	0.9483	0.0517	0.10	29	10.2	0.40
Lake Malone	LMA_11.1	26	1	3	0.9167	0.0833	0.10	30	19.3	4.01
Lake Malone	LMA_12.1	29	0	1	0.9833	0.0167	0.03	30	15.4	2.00
Lake Malone	LMA_13.1	27	0	2	0.9655	0.0345	0.07	29	19.5	3.67
Lake Malone	LMA_14.1	27	0	3	0.9500	0.0500	0.10	30	12.4	0.85
Lake Malone	LMA_15.1	25	0	5	0.9167	0.0833	0.17	30	8.3	0.20
Lake Malone	LMA_16.1	26	0	4	0.9333	0.0667	0.13	30	12.3	0.92
Lake Malone	LMA_17.1	28	1	1	0.9500	0.0500	0.03	30	14.7	1.40
Lake Malone	LMA_18.1	26	0	4	0.9333	0.0667	0.13	30	4.7	0.04
Lake Malone	LMA_19.1	17	0	0	1.0000	0.0000	0.00	17	10.1	0.40
Lake Malone	LMA_20.1	26	0	4	0.9333	0.0667	0.13	30	11.6	0.76
Lake Malone	LMA_21.1	27	0	3	0.9500	0.0500	0.10	30	21.1	4.43
Lake Malone	LMA_22.1	26	0	4	0.9333	0.0667	0.13	30	21.1	4.91
Lake Malone	LMA_23.1	27	1	2	0.9333	0.0667	0.07	30	19.7	4.40
Lake Malone	LMA_24.1	24	0	0	1.0000	0.0000	0.00	24	11.1	0.51
Lake Malone	LMA_25.1	26	0	4	0.9333	0.0667	0.13	30	7.4	0.15
Lake Malone	LMA_26.1	29	0	1	0.9833	0.0167	0.03	30	15.4	1.68
Lake Malone	LMA_27.1	22	0	8	0.8667	0.1333	0.27	30	9.7	0.33
Lake Malone	LMA_28.1	26	0	4	0.9333	0.0667	0.13	30	12.9	1.03
Lake Malone	LMA_29.1	27	0	3	0.9500	0.0500	0.10	30	5.5	0.06
Lake Malone	LMA_30.1	27	0	3	0.9500	0.0500	0.10	30	7.7	0.21
Lake Malone	LMA_31.1	23	1	6	0.8667	0.1333	0.20	30	16.6	2.22
Lake Malone	LMA_32.1	29	0	1	0.9833	0.0167	0.03	30	16.3	2.12
Lake Malone	LMA_33.1	28	0	2	0.9667	0.0333	0.07	30	16.9	2.66
Lake Malone	LMA_34.1	25	1	4	0.9000	0.1000	0.13	30	8.5	0.28
Lake Malone	LMA_35.1	26	1	3	0.9167	0.0833	0.10	30	11.8	0.86
Lake Malone	LMA_36.1	25	0	4	0.9310	0.0690	0.14	29	5.2	0.05
Lake Malone	LMA_37.1	29	0	1	0.9833	0.0167	0.03	30	13.6	1.28
Lake Malone	LMA_38.1	25	0	5	0.9167	0.0833	0.17	30	11.7	0.80
Lake Malone	LMA_39.1	28	0	2	0.9667	0.0333	0.07	30	7.3	0.21
Lake Malone	LMA_40.1	18	0	2	0.9500	0.0500	0.10	20	4.9	0.05
Lake Malone	LMA_41.1	27	0	3	0.9500	0.0500	0.10	30	18.1	2.95
Lake Malone	LMA_42.1	26	1	3	0.9167	0.0833	0.10	30	20.2	4.26
Lake Malone	LMA_43.1	28	0	2	0.9667	0.0333	0.07	30	7.2	0.18
Lake Malone	LMA_44.1	25	1	4	0.9000	0.1000	0.13	30	12.4	0.91
Lake Malone	LMA_45.1	26	0	4	0.9333	0.0667	0.13	30	5.1	0.07
Lake Malone	LMA_46.1	26	0	4	0.9333	0.0667	0.13	30	13.5	1.22
Lake Malone	LMA_47.1	27	1	2	0.9333	0.0667	0.07	30	11.0	0.71
Lake Malone	LMA_48.1	26	0	4	0.9333	0.0667	0.13	30	9.4	0.41
Lake Malone	LMA_49.1	28	0	2	0.9667	0.0333	0.07	30	4.0	0.02
Lake Malone	LMA_50.1	26	0	4	0.9333	0.0667	0.13	30	10.8	0.53
Laurel River Lake	LRL_01.1	29	0	1	0.9833	0.0167	0.03	30	6.2	0.10
Laurel River Lake	LRL_02.1	23	1	6	0.8667	0.1333	0.20	30	8.7	0.25
Laurel River Lake	LRL_03.1	27	0	3	0.9500	0.0500	0.10	30	14.3	1.50
Laurel River Lake	LRL_04.1	26	0	4	0.9333	0.0667	0.13	30	14.4	1.27
Laurel River Lake	LRL_05.1	28	1	1	0.9500	0.0500	0.03	30	11.3	0.72
Laurel River Lake	LRL_06.1	28	0	2	0.9667	0.0333	0.07	30	6.2	0.11
Laurel River Lake	LRL_07.1	28	0	2	0.9667	0.0333	0.07	30	6.4	0.12
Laurel River Lake	LRL_08.1	28	0	2	0.9667	0.0333	0.07	30	6.1	0.10
Laurel River Lake	LRL_09.1	27	1	2	0.9333	0.0667	0.07	30	6.1	0.11
Laurel River Lake	LRL_10.1	21	0	9	0.8500	0.1500	0.30	30	7.4	0.19
Laurel River Lake	LRL_11.1	27	0	3	0.9500	0.0500	0.10	30	4.5	0.04
Laurel River Lake	LRL_12.1	26	1	3	0.9167	0.0833	0.10	30	6.5	0.11
Laurel River Lake	LRL_13.1	29	0	1	0.9833	0.0167	0.03	30	14.4	1.39
Laurel River Lake	LRL_14.1	29	0	1	0.9833	0.0167	0.03	30	5.9	0.08
Laurel River Lake	LRL_15.1	26	0	4	0.9333	0.0667	0.13	30	8.5	0.24
Laurel River Lake	LRL_16.1	27	0	3	0.9500	0.0500	0.10	30	9.3	0.33
Laurel River Lake	LRL_17.1	26	0	4	0.9333	0.0667	0.13	30	6.9	0.12
Laurel River Lake	LRL_18.1	21	3	6	0.8000	0.2000	0.20	30	3.9	0.02
Laurel River Lake	LRL_19.1	23	0	7	0.8833	0.1167	0.23	30	19.4	3.70
Laurel River Lake	LRL_20.1	28	0	2	0.9667	0.0333	0.07	30	11.4	0.75

Laurel River Lake	LRL_21.1	25	1	4	0.9000	0.1000	0.13	30	10.7	0.57
Laurel River Lake	LRL_22.1	24	0	6	0.9000	0.1000	0.20	30	6.8	0.12
Laurel River Lake	LRL_23.1	26	0	3	0.9483	0.0517	0.10	29	5.9	0.08
Laurel River Lake	LRL_24.1	28	0	2	0.9667	0.0333	0.07	30	8.5	0.25
Laurel River Lake	LRL_25.1	23	1	6	0.8667	0.1333	0.20	30	6.4	0.12
Laurel River Lake	LRL_26.1	29	0	1	0.9833	0.0167	0.03	30	12.3	0.91
Laurel River Lake	LRL_27.1	30	0	0	1.0000	0.0000	0.00	30	14.9	1.81
Laurel River Lake	LRL_28.1	17	1	12	0.7667	0.2333	0.40	30	16.2	2.24
Laurel River Lake	LRL_29.1	28	0	2	0.9667	0.0333	0.07	30	13.7	1.23
Laurel River Lake	LRL_30.1	30	0	0	1.0000	0.0000	0.00	30	11.2	0.73
Laurel River Lake	LRL_31.1	26	0	3	0.9483	0.0517	0.10	29	19.3	4.73
Laurel River Lake	LRL_32.1	28	0	1	0.9828	0.0172	0.03	29	16.5	2.54
Laurel River Lake	LRL_33.1	24	0	6	0.9000	0.1000	0.20	30	15.7	1.85
Laurel River Lake	LRL_34.1	24	1	5	0.8833	0.1167	0.17	30	17.5	2.98
Laurel River Lake	LRL_35.1	25	0	5	0.9167	0.0833	0.17	30	17.5	2.57
Laurel River Lake	LRL_36.1	26	0	4	0.9333	0.0667	0.13	30	8.7	0.28
Laurel River Lake	LRL_37.1	26	0	4	0.9333	0.0667	0.13	30	9.8	0.38
Laurel River Lake	LRL_38.1	27	1	2	0.9333	0.0667	0.07	30	19.0	3.65
Laurel River Lake	LRL_39.1	28	0	2	0.9667	0.0333	0.07	30	14.2	1.12
Laurel River Lake	LRL_40.1	27	0	3	0.9500	0.0500	0.10	30	13.1	1.08
Laurel River Lake	LRL_41.1	26	0	4	0.9333	0.0667	0.13	30	8.6	0.29
Laurel River Lake	LRL_42.1	27	0	3	0.9500	0.0500	0.10	30	4.2	0.03
Laurel River Lake	LRL_43.1	25	3	2	0.8667	0.1333	0.07	30	4.0	0.02
Laurel River Lake	LRL_44.1	24	2	4	0.8667	0.1333	0.13	30	4.1	0.03
Laurel River Lake	LRL_45.1	21	0	2	0.9565	0.0435	0.09	23	16.6	2.46
Laurel River Lake	LRL_46.1	29	0	1	0.9833	0.0167	0.03	30	18.4	3.09
Laurel River Lake	LRL_47.1	27	0	2	0.9655	0.0345	0.07	29	14.5	1.42
Laurel River Lake	LRL_48.1	18	1	11	0.7833	0.2167	0.37	30	15.6	1.92
Laurel River Lake	LRL_49.1	27	0	3	0.9500	0.0500	0.10	30	15.2	1.64
Laurel River Lake	LRL_50.1	25	0	5	0.9167	0.0833	0.17	30	14.9	1.62
Minor Clark Hatchery	MCH_100.1	5	12	13	0.3833	0.6167	0.43	30		
Minor Clark Hatchery	MCH_51.1	21	3	6	0.8000	0.2000	0.20	30		
Minor Clark Hatchery	MCH_52.1	28	0	2	0.9667	0.0333	0.07	30		
Minor Clark Hatchery	MCH_53.1	22	1	7	0.8500	0.1500	0.23	30		
Minor Clark Hatchery	MCH_54.1	23	0	7	0.8833	0.1167	0.23	30		
Minor Clark Hatchery	MCH_55.1	26	0	4	0.9333	0.0667	0.13	30		
Minor Clark Hatchery	MCH_56.1	25	0	5	0.9167	0.0833	0.17	30		
Minor Clark Hatchery	MCH_57.1	24	0	6	0.9000	0.1000	0.20	30		
Minor Clark Hatchery	MCH_58.1	23	2	5	0.8500	0.1500	0.17	30		
Minor Clark Hatchery	MCH_59.1	26	0	4	0.9333	0.0667	0.13	30		
Minor Clark Hatchery	MCH_60.1	16	4	10	0.7000	0.3000	0.33	30		
Minor Clark Hatchery	MCH_61.1	5	0	25	0.5833	0.4167	0.83	30		
Minor Clark Hatchery	MCH_62.1	25	1	4	0.9000	0.1000	0.13	30		
Minor Clark Hatchery	MCH_63.1	24	0	5	0.9138	0.0862	0.17	29		
Minor Clark Hatchery	MCH_64.1	27	1	0	0.9643	0.0357	0.00	28		
Minor Clark Hatchery	MCH_65.1	24	0	6	0.9000	0.1000	0.20	30		
Minor Clark Hatchery	MCH_66.1	24	0	6	0.9000	0.1000	0.20	30		
Minor Clark Hatchery	MCH_67.1	26	0	4	0.9333	0.0667	0.13	30		
Minor Clark Hatchery	MCH_68.1	25	0	5	0.9167	0.0833	0.17	30		
Minor Clark Hatchery	MCH_69.1	24	1	5	0.8833	0.1167	0.17	30		
Minor Clark Hatchery	MCH_70.1	23	0	7	0.8833	0.1167	0.23	30		
Minor Clark Hatchery	MCH_71.1	22	1	6	0.8621	0.1379	0.21	29		
Minor Clark Hatchery	MCH_72.1	21	1	7	0.8448	0.1552	0.24	29		
Minor Clark Hatchery	MCH_73.1	25	0	5	0.9167	0.0833	0.17	30		
Minor Clark Hatchery	MCH_74.1	27	0	3	0.9500	0.0500	0.10	30		
Minor Clark Hatchery	MCH_75.1	25	1	4	0.9000	0.1000	0.13	30		
Minor Clark Hatchery	MCH_76.1	20	0	10	0.8333	0.1667	0.33	30		
Minor Clark Hatchery	MCH_77.1	19	1	10	0.8000	0.2000	0.33	30		
Minor Clark Hatchery	MCH_78.1	13	0	17	0.7167	0.2833	0.57	30		
Minor Clark Hatchery	MCH_79.1	25	0	5	0.9167	0.0833	0.17	30		
Minor Clark Hatchery	MCH_80.1	9	3	18	0.6000	0.4000	0.60	30		
Minor Clark Hatchery	MCH_81.1	23	0	7	0.8833	0.1167	0.23	30		
Minor Clark Hatchery	MCH_82.1	22	0	8	0.8667	0.1333	0.27	30		
Minor Clark Hatchery	MCH_83.1	26	0	4	0.9333	0.0667	0.13	30		
Minor Clark Hatchery	MCH_84.1	21	0	9	0.8500	0.1500	0.30	30		

Minor Clark Hatchery	MCH_85.1	29	0	1	0.9833	0.0167	0.03	30		
Minor Clark Hatchery	MCH_86.1	28	0	2	0.9667	0.0333	0.07	30		
Minor Clark Hatchery	MCH_87.1	10	3	17	0.6167	0.3833	0.57	30		
Minor Clark Hatchery	MCH_88.1	20	1	8	0.8276	0.1724	0.28	29		
Minor Clark Hatchery	MCH_89.1	26	0	4	0.9333	0.0667	0.13	30		
Minor Clark Hatchery	MCH_90.1	12	0	14	0.7308	0.2692	0.54	26		
Minor Clark Hatchery	MCH_91.1	25	0	4	0.9310	0.0690	0.14	29		
Minor Clark Hatchery	MCH_92.1	24	0	6	0.9000	0.1000	0.20	30		
Minor Clark Hatchery	MCH_93.1	22	1	7	0.8500	0.1500	0.23	30		
Minor Clark Hatchery	MCH_94.1	22	0	7	0.8793	0.1207	0.24	29		
Minor Clark Hatchery	MCH_95.1	27	0	2	0.9655	0.0345	0.07	29		
Minor Clark Hatchery	MCH_96.1	28	0	2	0.9667	0.0333	0.07	30		
Minor Clark Hatchery	MCH_97.1	27	0	3	0.9500	0.0500	0.10	30		
Minor Clark Hatchery	MCH_98.1	23	0	7	0.8833	0.1167	0.23	30		
Minor Clark Hatchery	MCH_99.1	26	0	4	0.9333	0.0667	0.13	30		
Mill Creek Lake (Monroe Co.)	MIL_01.1	29	0	1	0.9833	0.0167	0.03	30	18.8	3.87
Mill Creek Lake (Monroe Co.)	MIL_02.1	11	9	9	0.5345	0.4655	0.31	29	19.0	3.95
Mill Creek Lake (Monroe Co.)	MIL_03.1	16	2	12	0.7333	0.2667	0.40	30	9.7	0.38
Mill Creek Lake (Monroe Co.)	MIL_04.1	18	2	10	0.7667	0.2333	0.33	30	17.3	2.59
Mill Creek Lake (Monroe Co.)	MIL_05.1	23	1	6	0.8667	0.1333	0.20	30	14.6	1.50
Mill Creek Lake (Monroe Co.)	MIL_06.1	8	12	10	0.4333	0.5667	0.33	30	12.6	0.81
Mill Creek Lake (Monroe Co.)	MIL_07.1	22	2	6	0.8333	0.1667	0.20	30	15.6	1.99
Mill Creek Lake (Monroe Co.)	MIL_08.1	14	1	15	0.7167	0.2833	0.50	30	19.8	3.71
Mill Creek Lake (Monroe Co.)	MIL_09.1	26	1	3	0.9167	0.0833	0.10	30	10.0	0.36
Mill Creek Lake (Monroe Co.)	MIL_10.1	23	2	5	0.8500	0.1500	0.17	30	15.3	1.55
Mill Creek Lake (Monroe Co.)	MIL_11.1	27	0	3	0.9500	0.0500	0.10	30	16.9	1.67
Mill Creek Lake (Monroe Co.)	MIL_12.1	7	10	13	0.4500	0.5500	0.43	30	16.1	1.99
Mill Creek Lake (Monroe Co.)	MIL_13.1	18	2	10	0.7667	0.2333	0.33	30	12.8	0.95
Mill Creek Lake (Monroe Co.)	MIL_14.1	16	1	13	0.7500	0.2500	0.43	30	14.7	1.46
Mill Creek Lake (Monroe Co.)	MIL_15.1	24	1	5	0.8833	0.1167	0.17	30	11.2	0.47
Mill Creek Lake (Monroe Co.)	MIL_16.1	13	1	15	0.7069	0.2931	0.52	29	12.2	0.73
Mill Creek Lake (Monroe Co.)	MIL_17.1	28	0	2	0.9667	0.0333	0.07	30	10.4	0.45
Mill Creek Lake (Monroe Co.)	MIL_18.1	27	0	2	0.9655	0.0345	0.07	29	18.9	2.99
Mill Creek Lake (Monroe Co.)	MIL_19.1	17	1	12	0.7667	0.2333	0.40	30	12.9	0.90
Mill Creek Lake (Monroe Co.)	MIL_20.1	20	0	10	0.8333	0.1667	0.33	30	15.2	1.72
Mill Creek Lake (Monroe Co.)	MIL_21.1	26	0	4	0.9333	0.0667	0.13	30	14.9	1.47
Mill Creek Lake (Monroe Co.)	MIL_22.1	27	0	3	0.9500	0.0500	0.10	30	20.0	4.40
Mill Creek Lake (Monroe Co.)	MIL_23.1	18	2	10	0.7667	0.2333	0.33	30	18.1	2.95
Mill Creek Lake (Monroe Co.)	MIL_24.1	26	0	3	0.9483	0.0517	0.10	29	17.6	2.82
Mill Creek Lake (Monroe Co.)	MIL_25.1	20	0	10	0.8333	0.1667	0.33	30	16.3	2.38
Mill Creek Lake (Monroe Co.)	MIL_26.1	30	0	0	1.0000	0.0000	0.00	30	18.3	3.55
Mill Creek Lake (Monroe Co.)	MIL_27.1	8	3	19	0.5833	0.4167	0.63	30	19.2	3.88
Mill Creek Lake (Monroe Co.)	MIL_28.1	18	1	11	0.7833	0.2167	0.37	30	14.0	1.44
Mill Creek Lake (Monroe Co.)	MIL_29.1	23	1	6	0.8667	0.1333	0.20	30	11.5	0.71
Mill Creek Lake (Monroe Co.)	MIL_30.1	19	1	10	0.8000	0.2000	0.33	30	16.1	2.27
Mill Creek Lake (Monroe Co.)	MIL_31.1	27	0	3	0.9500	0.0500	0.10	30	13.3	1.17
Mill Creek Lake (Monroe Co.)	MIL_32.1	20	0	10	0.8333	0.1667	0.33	30	13.0	0.92
Mill Creek Lake (Monroe Co.)	MIL_33.1	8	9	11	0.4821	0.5179	0.39	28	21.0	5.45
Mill Creek Lake (Monroe Co.)	MIL_34.1	9	4	17	0.5833	0.4167	0.57	30	15.6	2.04
Mill Creek Lake (Monroe Co.)	MIL_35.1	27	0	2	0.9655	0.0345	0.07	29	13.7	1.21
Mill Creek Lake (Monroe Co.)	MIL_36.1	10	2	18	0.6333	0.3667	0.60	30	15.0	1.66
Mill Creek Lake (Monroe Co.)	MIL_37.1	15	1	14	0.7333	0.2667	0.47	30	14.1	1.29
Mill Creek Lake (Monroe Co.)	MIL_38.1	26	1	3	0.9167	0.0833	0.10	30	13.5	0.99
Mill Creek Lake (Monroe Co.)	MIL_39.1	13	4	13	0.6500	0.3500	0.43	30	8.6	0.23
Mill Creek Lake (Monroe Co.)	MIL_40.1	12	2	16	0.6667	0.3333	0.53	30	9.8	0.41
Mill Creek Lake (Monroe Co.)	MIL_41.1	7	10	13	0.4500	0.5500	0.43	30	17.4	2.84
Mill Creek Lake (Monroe Co.)	MIL_42.1	28	0	2	0.9667	0.0333	0.07	30	12.8	0.90
Mill Creek Lake (Monroe Co.)	MIL_43.1	28	0	2	0.9667	0.0333	0.07	30	11.6	0.64
Mill Creek Lake (Monroe Co.)	MIL_44.1	24	1	5	0.8833	0.1167	0.17	30	14.8	1.47
Mill Creek Lake (Monroe Co.)	MIL_45.1	13	1	16	0.7000	0.3000	0.53	30	16.7	2.72
Mill Creek Lake (Monroe Co.)	MIL_46.1	16	2	12	0.7333	0.2667	0.40	30	12.8	0.89
Mill Creek Lake (Monroe Co.)	MIL_47.1	28	0	2	0.9667	0.0333	0.07	30	12.2	0.82
Mill Creek Lake (Monroe Co.)	MIL_48.1	13	2	15	0.6833	0.3167	0.50	30	12.6	0.99
Mill Creek Lake (Monroe Co.)	MIL_49.1	13	0	16	0.7241	0.2759	0.55	29	16.6	2.50
Mill Creek Lake (Monroe Co.)	MIL_50.1	20	0	9	0.8448	0.1552	0.31	29	13.4	0.93

Nolin River Lake	NRL_02.1	27	0	3	0.9500	0.0500	0.10	30	11.2	
Nolin River Lake	NRL_06.1	30	0	0	1.0000	0.0000	0.00	30	14.2	
Nolin River Lake	NRL_08.1	28	0	1	0.9828	0.0172	0.03	29	8.0	
Nolin River Lake	NRL_100.1	30	0	0	1.0000	0.0000	0.00	30	5.0	
Nolin River Lake	NRL_104.1	28	0	2	0.9667	0.0333	0.07	30	11.1	
Nolin River Lake	NRL_106.1	30	0	0	1.0000	0.0000	0.00	30	12.6	
Nolin River Lake	NRL_108.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	18.6	
Nolin River Lake	NRL_112.1	29	0	0	1.0000	0.0000	0.00	29	14.5	
Nolin River Lake	NRL_114.1	29	0	0	1.0000	0.0000	0.00	29	19.3	
Nolin River Lake	NRL_120.1	28	0	2	0.9667	0.0333	0.07	30	14.4	
Nolin River Lake	NRL_122.1	28	1	1	0.9500	0.0500	0.03	30	13.5	
Nolin River Lake	NRL_124.1	29	0	1	0.9833	0.0167	0.03	30	9.4	
Nolin River Lake	NRL_125.1	28	0	2	0.9667	0.0333	0.07	30	10.9	
Nolin River Lake	NRL_126.1	30	0	0	1.0000	0.0000	0.00	30	15.3	
Nolin River Lake	NRL_130.1	30	0	0	1.0000	0.0000	0.00	30	12.4	
Nolin River Lake	NRL_132.1	29	0	1	0.9833	0.0167	0.03	30	12.7	
Nolin River Lake	NRL_138.1	28	0	2	0.9667	0.0333	0.07	30	15.0	
Nolin River Lake	NRL_144.1	30	0	0	1.0000	0.0000	0.00	30	17.9	
Nolin River Lake	NRL_145.1	27	0	3	0.9500	0.0500	0.10	30	18.4	
Nolin River Lake	NRL_16.1	29	0	1	0.9833	0.0167	0.03	30	15.7	
Nolin River Lake	NRL_17.1	26	0	3	0.9483	0.0517	0.10	29	18.1	
Nolin River Lake	NRL_21.1	29	1	0	0.9667	0.0333	0.00	30	19.0	
Nolin River Lake	NRL_23.1	28	0	2	0.9667	0.0333	0.07	30	13.1	
Nolin River Lake	NRL_24.1	27	1	2	0.9333	0.0667	0.07	30	20.5	
Nolin River Lake	NRL_26.1	28	0	2	0.9667	0.0333	0.07	30	10.5	
Nolin River Lake	NRL_28.1	28	0	2	0.9667	0.0333	0.07	30	17.7	
Nolin River Lake	NRL_35.1	28	0	1	0.9828	0.0172	0.03	29	6.4	
Nolin River Lake	NRL_36.1	30	0	0	1.0000	0.0000	0.00	30	12.9	
Nolin River Lake	NRL_38.1	29	0	1	0.9833	0.0167	0.03	30	22.0	
Nolin River Lake	NRL_41.1	28	1	1	0.9500	0.0500	0.03	30	16.5	
Nolin River Lake	NRL_42.1	26	1	2	0.9310	0.0690	0.07	29	21.5	
Nolin River Lake	NRL_48.1	27	0	3	0.9500	0.0500	0.10	30	13.5	
Nolin River Lake	NRL_50.1	26	0	3	0.9483	0.0517	0.10	29	10.8	
Nolin River Lake	NRL_55.1	29	0	1	0.9833	0.0167	0.03	30	15.4	
Nolin River Lake	NRL_57.1	28	0	2	0.9667	0.0333	0.07	30	18.3	
Nolin River Lake	NRL_58.1	29	0	1	0.9833	0.0167	0.03	30	7.5	
Nolin River Lake	NRL_60.1	29	0	0	1.0000	0.0000	0.00	29	17.6	
Nolin River Lake	NRL_64.1	29	0	1	0.9833	0.0167	0.03	30	13.6	
Nolin River Lake	NRL_69.1	28	1	0	0.9655	0.0345	0.00	29	11.6	
Nolin River Lake	NRL_73.1	29	0	1	0.9833	0.0167	0.03	30	19.4	
Nolin River Lake	NRL_74.1	29	0	1	0.9833	0.0167	0.03	30	15.5	
Nolin River Lake	NRL_75.1	29	0	1	0.9833	0.0167	0.03	30	9.6	
Nolin River Lake	NRL_80.1	28	0	1	0.9828	0.0172	0.03	29	12.5	
Nolin River Lake	NRL_82.1	29	0	1	0.9833	0.0167	0.03	30	13.8	
Nolin River Lake	NRL_87.1	26	1	3	0.9167	0.0833	0.10	30	16.4	
Nolin River Lake	NRL_90.1	27	0	1	0.9821	0.0179	0.04	28	7.7	
Nolin River Lake	NRL_94.1	28	0	2	0.9667	0.0333	0.07	30	19.2	
Nolin River Lake	NRL_97.1	29	0	1	0.9833	0.0167	0.03	30	14.2	
Nolin River Lake	NRL_98.1	29	0	1	0.9833	0.0167	0.03	30	11.5	
Nolin River Lake	NRL_99.1	29	0	1	0.9833	0.0167	0.03	30	10.9	
Paintsville Lake	PVL_100.1	23	1	3	0.9074	0.0926	0.11	27	10.6	0.50
Paintsville Lake	PVL_101.1	23	0	4	0.9259	0.0741	0.15	27	9.5	0.33
Paintsville Lake	PVL_102.1	24	0	4	0.9286	0.0714	0.14	28	12.6	0.87
Paintsville Lake	PVL_103.1	25	0	2	0.9630	0.0370	0.07	27	8.4	0.24
Paintsville Lake	PVL_104.1	25	0	3	0.9464	0.0536	0.11	28	8.8	0.28
Paintsville Lake	PVL_105.1	24	1	3	0.9107	0.0893	0.11	28	8.5	0.25
Paintsville Lake	PVL_106.1	28	0	0	1.0000	0.0000	0.00	28	11.4	0.58
Paintsville Lake	PVL_107.1	25	0	3	0.9464	0.0536	0.11	28	9.0	0.28
Paintsville Lake	PVL_108.1	22	1	4	0.8889	0.1111	0.15	27	9.5	0.34
Paintsville Lake	PVL_109.1	26	0	1	0.9815	0.0185	0.04	27	9.5	0.37
Paintsville Lake	PVL_110.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	9.9	0.41
Paintsville Lake	PVL_111.1	25	0	3	0.9464	0.0536	0.11	28	14.7	1.82
Paintsville Lake	PVL_112.1	24	0	5	0.9138	0.0862	0.17	29	13.8	1.21
Paintsville Lake	PVL_113.1	24	0	2	0.9615	0.0385	0.08	26	13.3	1.13
Paintsville Lake	PVL_114.1	24	1	4	0.8966	0.1034	0.14	29	12.6	1.06

Paintsville Lake	PVL_115.1	25	0	3	0.9464	0.0536	0.11	28	12.3	0.81
Paintsville Lake	PVL_116.1	26	1	1	0.9464	0.0536	0.04	28	8.8	0.29
Paintsville Lake	PVL_117.1	22	0	4	0.9231	0.0769	0.15	26	8.6	0.22
Paintsville Lake	PVL_118.1	18	2	8	0.7857	0.2143	0.29	28	22.3	7.58
Paintsville Lake	PVL_119.1	27	0	1	0.9821	0.0179	0.04	28	21.0	6.27
Paintsville Lake	PVL_120.1	27	0	2	0.9655	0.0345	0.07	29	17.8	3.99
Paintsville Lake	PVL_121.1	25	0	3	0.9464	0.0536	0.11	28	21.3	6.13
Paintsville Lake	PVL_122.1	24	0	4	0.9286	0.0714	0.14	28	18.5	4.21
Paintsville Lake	PVL_123.1	25	0	2	0.9630	0.0370	0.07	27	19.3	4.53
Paintsville Lake	PVL_124.1	25	0	2	0.9630	0.0370	0.07	27	18.1	3.53
Paintsville Lake	PVL_125.1	24	1	3	0.9107	0.0893	0.11	28	22.0	6.35
Paintsville Lake	PVL_126.1	25	0	3	0.9464	0.0536	0.11	28	18.7	4.26
Paintsville Lake	PVL_127.1	26	0	2	0.9643	0.0357	0.07	28	17.3	2.93
Paintsville Lake	PVL_128.1	21	0	6	0.8889	0.1111	0.22	27	18.0	2.90
Paintsville Lake	PVL_129.1	25	1	1	0.9444	0.0556	0.04	27	16.8	2.77
Paintsville Lake	PVL_130.1	26	1	2	0.9310	0.0690	0.07	29	16.1	2.13
Paintsville Lake	PVL_131.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	16.0	2.36
Paintsville Lake	PVL_132.1	24	1	4	0.8966	0.1034	0.14	29	15.8	2.22
Paintsville Lake	PVL_133.1	25	0	2	0.9630	0.0370	0.07	27	14.9	1.89
Paintsville Lake	PVL_134.1	24	0	2	0.9615	0.0385	0.08	26	14.4	1.61
Paintsville Lake	PVL_135.1	25	0	2	0.9630	0.0370	0.07	27	13.8	1.27
Paintsville Lake	PVL_136.1	24	0	3	0.9444	0.0556	0.11	27	13.1	1.09
Paintsville Lake	PVL_137.1	21	0	7	0.8750	0.1250	0.25	28	6.7	0.12
Paintsville Lake	PVL_138.1	25	0	3	0.9464	0.0536	0.11	28	6.0	0.08
Paintsville Lake	PVL_139.1	23	0	3	0.9423	0.0577	0.12	26	5.8	0.08
Paintsville Lake	PVL_140.1	26	0	2	0.9643	0.0357	0.07	28	5.9	0.08
Paintsville Lake	PVL_141.1	20	0	7	0.8704	0.1296	0.26	27	5.5	0.07
Paintsville Lake	PVL_142.1	18	2	8	0.7857	0.2143	0.29	28	6.4	0.11
Paintsville Lake	PVL_143.1	24	0	4	0.9286	0.0714	0.14	28	6.2	0.09
Paintsville Lake	PVL_144.1	24	0	5	0.9138	0.0862	0.17	29	5.6	0.06
Paintsville Lake	PVL_145.1	25	0	3	0.9464	0.0536	0.11	28	6.4	0.10
Paintsville Lake	PVL_146.1	26	0	3	0.9483	0.0517	0.10	29	5.2	0.06
Paintsville Lake	PVL_147.1	24	0	1	0.9800	0.0200	0.04	25	5.4	0.06
Paintsville Lake	PVL_148.1	26	0	0	1.0000	0.0000	0.00	26	18.4	3.64
Paintsville Lake	PVL_149.1	22	0	4	0.9231	0.0769	0.15	26	16.5	2.35
Paintsville Lake	PVL_150.1	26	0	2	0.9643	0.0357	0.07	28	13.6	1.50
Paintsville Lake	PVL_26.1	28	0	0	1.0000	0.0000	0.00	28	20.5	5.09
Paintsville Lake	PVL_31.1	24	0	3	0.9444	0.0556	0.11	27	18.0	3.32
Paintsville Lake	PVL_41.1	26	1	1	0.9464	0.0536	0.04	28	19.0	3.46
Paintsville Lake	PVL_51.1	26	1	3	0.9167	0.0833	0.10	30	11.8	0.68
Paintsville Lake	PVL_52.1	26	2	1	0.9138	0.0862	0.03	29	16.1	2.26
Paintsville Lake	PVL_53.1	27	0	3	0.9500	0.0500	0.10	30	12.3	0.77
Paintsville Lake	PVL_54.1	28	0	2	0.9667	0.0333	0.07	30	10.5	0.47
Paintsville Lake	PVL_55.1	28	1	1	0.9500	0.0500	0.03	30	13.0	1.04
Paintsville Lake	PVL_56.1	26	1	3	0.9167	0.0833	0.10	30	10.7	0.48
Paintsville Lake	PVL_57.1	23	0	7	0.8833	0.1167	0.23	30	11.2	0.68
Paintsville Lake	PVL_58.1	28	0	2	0.9667	0.0333	0.07	30	12.0	0.75
Paintsville Lake	PVL_59.1	26	0	2	0.9643	0.0357	0.07	28	9.2	0.31
Paintsville Lake	PVL_60.1	20	0	7	0.8704	0.1296	0.26	27	12.0	0.72
Paintsville Lake	PVL_61.1	23	0	4	0.9259	0.0741	0.15	27	9.0	0.28
Paintsville Lake	PVL_62.1	24	0	2	0.9615	0.0385	0.08	26	12.8	0.84
Paintsville Lake	PVL_63.1	23	1	3	0.9074	0.0926	0.11	27	14.2	0.64
Paintsville Lake	PVL_64.1	25	0	2	0.9630	0.0370	0.07	27	11.1	0.51
Paintsville Lake	PVL_65.1	21	0	7	0.8750	0.1250	0.25	28	17.3	2.77
Paintsville Lake	PVL_66.1	28	0	1	0.9828	0.0172	0.03	29	14.3	1.75
Paintsville Lake	PVL_67.1	22	0	6	0.8929	0.1071	0.21	28	11.2	0.55
Paintsville Lake	PVL_68.1	23	0	5	0.9107	0.0893	0.18	28	8.4	0.24
Paintsville Lake	PVL_69.1	25	0	3	0.9464	0.0536	0.11	28	13.0	0.96
Paintsville Lake	PVL_70.1	20	1	7	0.8393	0.1607	0.25	28	16.1	2.27
Paintsville Lake	PVL_71.1	23	0	2	0.9600	0.0400	0.08	25	10.3	0.40
Paintsville Lake	PVL_72.1	26	0	2	0.9643	0.0357	0.07	28	10.4	0.48
Paintsville Lake	PVL_73.1	23	0	3	0.9423	0.0577	0.12	26	8.8	0.28
Paintsville Lake	PVL_74.1	23	0	4	0.9259	0.0741	0.15	27	12.6	0.93
Paintsville Lake	PVL_75.1	20	0	8	0.8571	0.1429	0.29	28	19.7	4.06
Paintsville Lake	PVL_76.1	21	1	5	0.8704	0.1296	0.19	27	10.8	0.53



Paintsville Lake	PVL_77.1	23	0	5	0.9107	0.0893	0.18	28	12.2	0.89
Paintsville Lake	PVL_80.1	24	0	4	0.9286	0.0714	0.14	28	14.4	1.49
Paintsville Lake	PVL_81.1	25	0	3	0.9464	0.0536	0.11	28	8.9	0.29
Paintsville Lake	PVL_82.1	23	0	5	0.9107	0.0893	0.18	28	9.2	0.30
Paintsville Lake	PVL_83.1	24	0	4	0.9286	0.0714	0.14	28	9.0	0.29
Paintsville Lake	PVL_84.1	27	0	1	0.9821	0.0179	0.04	28	11.6	0.72
Paintsville Lake	PVL_86.1	22	0	4	0.9231	0.0769	0.15	26	13.4	1.19
Paintsville Lake	PVL_87.1	24	0	4	0.9286	0.0714	0.14	28	9.9	0.45
Paintsville Lake	PVL_88.1	24	0	3	0.9444	0.0556	0.11	27	11.5	0.55
Paintsville Lake	PVL_89.1	25	0	4	0.9310	0.0690	0.14	29	8.7	0.25
Paintsville Lake	PVL_90.1	22	2	4	0.8571	0.1429	0.14	28	10.0	0.40
Paintsville Lake	PVL_91.1	26	0	1	0.9815	0.0185	0.04	27	10.0	0.43
Paintsville Lake	PVL_92.1	24	0	3	0.9444	0.0556	0.11	27	6.6	0.12
Paintsville Lake	PVL_93.1	26	0	2	0.9643	0.0357	0.07	28	11.3	0.57
Paintsville Lake	PVL_94.1	26	0	1	0.9815	0.0185	0.04	27	12.4	0.84
Paintsville Lake	PVL_95.1	24	0	4	0.9286	0.0714	0.14	28	10.4	0.53
Paintsville Lake	PVL_96.1	28	0	0	1.0000	0.0000	0.00	28	11.6	0.72
Paintsville Lake	PVL_97.1	25	0	4	0.9310	0.0690	0.14	29	13.2	1.13
Paintsville Lake	PVL_98.1	25	0	4	0.9310	0.0690	0.14	29	11.3	0.56
Paintsville Lake	PVL_99.1	25	0	2	0.9630	0.0370	0.07	27	11.5	0.59
Rough River Lake	RRL_01.1	20	0	10	0.8333	0.1667	0.33	30	6.9	
Rough River Lake	RRL_09.1	25	1	4	0.9000	0.1000	0.13	30	11.2	
Rough River Lake	RRL_10.1	26	1	3	0.9167	0.0833	0.10	30	14.5	
Rough River Lake	RRL_101.1	22	1	7	0.8500	0.1500	0.23	30	8.5	
Rough River Lake	RRL_105.1	20	1	9	0.8167	0.1833	0.30	30	10.2	
Rough River Lake	RRL_106.1	21	0	9	0.8500	0.1500	0.30	30	12.3	
Rough River Lake	RRL_108.1	25	0	4	0.9310	0.0690	0.14	29	8.3	
Rough River Lake	RRL_112.1	21	1	7	0.8448	0.1552	0.24	29	14.6	
Rough River Lake	RRL_118.1	20	1	6	0.8519	0.1481	0.22	27	12.6	
Rough River Lake	RRL_120.1	12	0	11	0.7609	0.2391	0.48	23	15.4	
Rough River Lake	RRL_121.1	26	0	4	0.9333	0.0667	0.13	30	17.0	
Rough River Lake	RRL_124.1	18	5	7	0.7167	0.2833	0.23	30	9.2	
Rough River Lake	RRL_125.1	23	3	4	0.8333	0.1667	0.13	30	12.3	
Rough River Lake	RRL_128.1	21	0	9	0.8500	0.1500	0.30	30	13.0	
Rough River Lake	RRL_13.1	24	0	6	0.9000	0.1000	0.20	30	11.2	
Rough River Lake	RRL_130.1	24	0	6	0.9000	0.1000	0.20	30	9.7	
Rough River Lake	RRL_133.1	24	0	6	0.9000	0.1000	0.20	30	19.8	
Rough River Lake	RRL_137.1	18	1	11	0.7833	0.2167	0.37	30	19.5	
Rough River Lake	RRL_138.1	21	1	8	0.8333	0.1667	0.27	30	16.0	
Rough River Lake	RRL_139.1	17	4	9	0.7167	0.2833	0.30	30	18.8	
Rough River Lake	RRL_142.1	24	0	5	0.9138	0.0862	0.17	29	21.0	
Rough River Lake	RRL_16.1	17	3	10	0.7333	0.2667	0.33	30	8.8	
Rough River Lake	RRL_19.1	18	0	12	0.8000	0.2000	0.40	30	14.3	
Rough River Lake	RRL_25.1	23	0	5	0.9107	0.0893	0.18	28	8.8	
Rough River Lake	RRL_32.1	26	0	4	0.9333	0.0667	0.13	30	10.2	
Rough River Lake	RRL_37.1	21	1	8	0.8333	0.1667	0.27	30	13.8	
Rough River Lake	RRL_39.1	21	0	9	0.8500	0.1500	0.30	30	13.9	
Rough River Lake	RRL_40.1	19	1	10	0.8000	0.2000	0.33	30	9.9	
Rough River Lake	RRL_42.1	19	0	11	0.8167	0.1833	0.37	30	9.6	
Rough River Lake	RRL_43.1	23	2	5	0.8500	0.1500	0.17	30	18.9	
Rough River Lake	RRL_44.1	24	0	6	0.9000	0.1000	0.20	30	12.3	
Rough River Lake	RRL_45.1	19	0	11	0.8167	0.1833	0.37	30	13.1	
Rough River Lake	RRL_46.1	23	0	6	0.8966	0.1034	0.21	29	19.3	
Rough River Lake	RRL_48.1	22	3	5	0.8167	0.1833	0.17	30	20.3	
Rough River Lake	RRL_52.1	22	1	7	0.8500	0.1500	0.23	30	19.2	
Rough River Lake	RRL_54.1	24	1	5	0.8833	0.1167	0.17	30	11.9	
Rough River Lake	RRL_59.1	26	2	2	0.9000	0.1000	0.07	30	7.5	
Rough River Lake	RRL_60.1	21	1	8	0.8333	0.1667	0.27	30	9.5	
Rough River Lake	RRL_61.1	24	0	6	0.9000	0.1000	0.20	30	18.7	
Rough River Lake	RRL_65.1	23	0	7	0.8833	0.1167	0.23	30	8.1	
Rough River Lake	RRL_66.1	22	0	8	0.8667	0.1333	0.27	30	19.3	
Rough River Lake	RRL_70.1	23	2	5	0.8500	0.1500	0.17	30	17.1	
Rough River Lake	RRL_75.1	21	1	8	0.8333	0.1667	0.27	30	10.5	
Rough River Lake	RRL_80.1	24	0	5	0.9138	0.0862	0.17	29	14.1	
Rough River Lake	RRL_82.1	27	0	3	0.9500	0.0500	0.10	30	12.0	

Rough River Lake	RRL_88.1	26	0	3	0.9483	0.0517	0.10	29	16.2	
Rough River Lake	RRL_93.1	19	2	8	0.7931	0.2069	0.28	29	9.9	
Rough River Lake	RRL_95.1	19	3	8	0.7667	0.2333	0.27	30	18.0	
Rough River Lake	RRL_97.1	22	0	5	0.9074	0.0926	0.19	27	15.6	
Rough River Lake	RRL_99.1	22	1	6	0.8621	0.1379	0.21	29	13.5	
Taylorsville Lake	TVL_01.1	25	0	5	0.9167	0.0833	0.17	30	12.7	0.87
Taylorsville Lake	TVL_05.1	28	1	1	0.9500	0.0500	0.03	30	19.5	3.87
Taylorsville Lake	TVL_06.1	26	0	4	0.9333	0.0667	0.13	30	13.8	1.23
Taylorsville Lake	TVL_07.1	25	1	3	0.9138	0.0862	0.10	29	18.4	3.83
Taylorsville Lake	TVL_11.1	22	1	7	0.8500	0.1500	0.23	30	17.1	2.79
Taylorsville Lake	TVL_12.1	25	1	3	0.9138	0.0862	0.10	29	14.3	1.48
Taylorsville Lake	TVL_14.1	23	1	6	0.8667	0.1333	0.20	30	19.1	4.06
Taylorsville Lake	TVL_15.1	21	0	9	0.8500	0.1500	0.30	30	11.1	0.76
Taylorsville Lake	TVL_16.1	22	2	6	0.8333	0.1667	0.20	30	10.0	0.43
Taylorsville Lake	TVL_17.1	20	0	10	0.8333	0.1667	0.33	30	21.0	5.57
Taylorsville Lake	TVL_18.1	26	1	3	0.9167	0.0833	0.10	30	20.2	5.06
Taylorsville Lake	TVL_19.1	27	0	2	0.9655	0.0345	0.07	29	7.1	0.16
Taylorsville Lake	TVL_21.1	27	1	2	0.9333	0.0667	0.07	30	9.6	0.43
Taylorsville Lake	TVL_23.1	27	0	3	0.9500	0.0500	0.10	30	8.8	0.33
Taylorsville Lake	TVL_27.1	27	0	3	0.9500	0.0500	0.10	30	9.1	0.38
Taylorsville Lake	TVL_29.1	28	0	2	0.9667	0.0333	0.07	30	16.8	2.29
Taylorsville Lake	TVL_31.1	20	0	10	0.8333	0.1667	0.33	30	15.7	2.19
Taylorsville Lake	TVL_37.1	27	0	3	0.9500	0.0500	0.10	30	12.4	0.98
Taylorsville Lake	TVL_38.1	26	0	4	0.9333	0.0667	0.13	30	19.5	4.51
Taylorsville Lake	TVL_39.1	23	1	6	0.8667	0.1333	0.20	30	15.0	2.03
Taylorsville Lake	TVL_40.1	27	0	3	0.9500	0.0500	0.10	30	18.2	3.93
Taylorsville Lake	TVL_41.1	24	0	6	0.9000	0.1000	0.20	30	6.2	0.10
Taylorsville Lake	TVL_42.1	21	0	8	0.8621	0.1379	0.28	29	9.5	0.42
Taylorsville Lake	TVL_43.1	24	0	6	0.9000	0.1000	0.20	30	10.6	0.59
Taylorsville Lake	TVL_45.1	24	0	6	0.9000	0.1000	0.20	30	13.6	1.44
Taylorsville Lake	TVL_47.1	28	0	2	0.9667	0.0333	0.07	30	13.5	1.37
Taylorsville Lake	TVL_48.1	24	1	5	0.8833	0.1167	0.17	30	7.8	0.26
Taylorsville Lake	TVL_53.1	22	1	6	0.8621	0.1379	0.21	29	20.0	4.75
Taylorsville Lake	TVL_54.1	27	1	2	0.9333	0.0667	0.07	30	8.8	0.35
Taylorsville Lake	TVL_55.1	28	0	2	0.9667	0.0333	0.07	30	17.0	2.97
Taylorsville Lake	TVL_57.1	26	1	3	0.9167	0.0833	0.10	30	11.4	0.71
Taylorsville Lake	TVL_58.1	28	0	2	0.9667	0.0333	0.07	30	15.4	2.02
Taylorsville Lake	TVL_61.1	27	1	2	0.9333	0.0667	0.07	30	16.9	2.73
Taylorsville Lake	TVL_62.1	28	0	2	0.9667	0.0333	0.07	30	14.8	2.00
Taylorsville Lake	TVL_63.1	25	1	4	0.9000	0.1000	0.13	30	9.3	0.40
Taylorsville Lake	TVL_71.1	27	0	3	0.9500	0.0500	0.10	30	13.1	1.25
Taylorsville Lake	TVL_73.1	24	0	6	0.9000	0.1000	0.20	30	19.0	4.02
Taylorsville Lake	TVL_74.1	27	0	3	0.9500	0.0500	0.10	30	15.5	2.02
Taylorsville Lake	TVL_77.1	27	0	2	0.9655	0.0345	0.07	29	18.5	3.71
Taylorsville Lake	TVL_78.1	20	0	1	0.9762	0.0238	0.05	21	14.7	1.85
Taylorsville Lake	TVL_79.1	25	0	5	0.9167	0.0833	0.17	30	12.3	1.00
Taylorsville Lake	TVL_80.1	19	1	10	0.8000	0.2000	0.33	30	16.9	2.93
Taylorsville Lake	TVL_82.1	22	2	6	0.8333	0.1667	0.20	30	16.8	2.63
Taylorsville Lake	TVL_85.1	27	0	3	0.9500	0.0500	0.10	30	11.8	0.88
Taylorsville Lake	TVL_87.1	27	0	3	0.9500	0.0500	0.10	30	10.3	0.66
Taylorsville Lake	TVL_90.1	25	1	4	0.9000	0.1000	0.13	30	10.3	0.61
Taylorsville Lake	TVL_92.1	26	0	4	0.9333	0.0667	0.13	30	8.3	0.30
Taylorsville Lake	TVL_95.1	26	0	4	0.9333	0.0667	0.13	30	7.5	0.19
Taylorsville Lake	TVL_97.1	26	0	4	0.9333	0.0667	0.13	30	6.9	0.16
Taylorsville Lake	TVL_99.1	26	1	3	0.9167	0.0833	0.10	30	4.3	0.03
Yatesville Lake	YVL_01.1	23	1	6	0.8667	0.1333	0.20	30	16.1	2.78
Yatesville Lake	YVL_02.1	27	0	3	0.9500	0.0500	0.10	30	14.1	1.07
Yatesville Lake	YVL_03.1	28	0	0	1.0000	0.0000	0.00	28	13.8	1.21
Yatesville Lake	YVL_04.1	26	0	2	0.9643	0.0357	0.07	28	8.9	0.28
Yatesville Lake	YVL_053.1	22	0	7	0.8793	0.1207	0.24	29	17.6	2.16
Yatesville Lake	YVL_06.1	21	0	7	0.8750	0.1250	0.25	28	19.5	4.53
Yatesville Lake	YVL_07.1	21	1	7	0.8448	0.1552	0.24	29	16.3	2.47
Yatesville Lake	YVL_08.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	11.0	0.57
Yatesville Lake	YVL_09.1	26	0	3	0.9483	0.0517	0.10	29	12.5	0.91
Yatesville Lake	YVL_10.1	23	1	5	0.8793	0.1207	0.17	29	10.5	0.44

Yatesville Lake	YVL_11.1	23	0	4	0.9259	0.0741	0.15	27	16.2	2.28
Yatesville Lake	YVL_12.1	28	0	1	0.9828	0.0172	0.03	29	17.8	2.97
Yatesville Lake	YVL_13.1	27	1	2	0.9333	0.0667	0.07	30	17.8	3.05
Yatesville Lake	YVL_14.1	29	0	1	0.9833	0.0167	0.03	30	15.7	1.84
Yatesville Lake	YVL_15.1	25	1	3	0.9138	0.0862	0.10	29	16.8	2.52
Yatesville Lake	YVL_16.1	26	0	3	0.9483	0.0517	0.10	29	11.8	0.70
Yatesville Lake	YVL_17.1	27	0	3	0.9500	0.0500	0.10	30	9.1	0.29
Yatesville Lake	YVL_18.1	23	1	5	0.8793	0.1207	0.17	29	6.8	0.12
Yatesville Lake	YVL_19.1	26	0	2	0.9643	0.0357	0.07	28	8.1	0.20
Yatesville Lake	YVL_20.1	26	0	3	0.9483	0.0517	0.10	29	10.9	0.58
Yatesville Lake	YVL_21.1	26	0	2	0.9643	0.0357	0.07	28	8.3	0.25
Yatesville Lake	YVL_22.1	25	0	3	0.9464	0.0536	0.11	28	8.2	0.22
Yatesville Lake	YVL_23.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	12.1	0.66
Yatesville Lake	YVL_54.1	15	0	0	1.0000	0.0000	0.00	15	19.8	4.30
Yatesville Lake	YVL_25.1	23	1	4	0.8929	0.1071	0.14	28	16.5	2.40
Yatesville Lake	YVL_26.1	26	0	3	0.9483	0.0517	0.10	29	14.1	1.23
Yatesville Lake	YVL_27.1	25	0	1	0.9808	0.0192	0.04	26	9.5	0.33
Yatesville Lake	YVL_28.1	24	0	5	0.9138	0.0862	0.17	29	13.0	0.95
Yatesville Lake	YVL_29.1	28	1	1	0.9500	0.0500	0.03	30	14.4	1.43
Yatesville Lake	YVL_30.1	26	0	3	0.9483	0.0517	0.10	29	14.8	1.55
Yatesville Lake	YVL_31.1	23	0	7	0.8833	0.1167	0.23	30	15.6	1.97
Yatesville Lake	YVL_32.1	28	0	2	0.9667	0.0333	0.07	30	12.6	0.74
Yatesville Lake	YVL_33.1	23	0	6	0.8966	0.1034	0.21	29	8.8	0.25
Yatesville Lake	YVL_34.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	13.8	1.22
Yatesville Lake	YVL_35.1	26	0	4	0.9333	0.0667	0.13	30	15.1	1.70
Yatesville Lake	YVL_36.1	25	0	4	0.9310	0.0690	0.14	29	16.8	2.71
Yatesville Lake	YVL_37.1	26	0	3	0.9483	0.0517	0.10	29	14.7	1.38
Yatesville Lake	YVL_38.1	26	0	4	0.9333	0.0667	0.13	30	9.5	0.34
Yatesville Lake	YVL_39.1	20	0	1	0.9762	0.0238	0.05	21	12.5	0.92
Yatesville Lake	YVL_40.1	24	1	4	0.8966	0.1034	0.14	29	14.2	1.09
Yatesville Lake	YVL_41.1	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	0	5.9	0.08
Yatesville Lake	YVL_42.1	24	0	6	0.9000	0.1000	0.20	30	10.6	0.56
Yatesville Lake	YVL_43.1	23	0	4	0.9259	0.0741	0.15	27	14.2	1.39
Yatesville Lake	YVL_44.1	24	0	4	0.9286	0.0714	0.14	28	14.4	1.40
Yatesville Lake	YVL_45.1	26	0	4	0.9333	0.0667	0.13	30	9.7	0.40
Yatesville Lake	YVL_46.1	20	0	8	0.8571	0.1429	0.29	28	13.7	1.39
Yatesville Lake	YVL_47.1	21	1	8	0.8333	0.1667	0.27	30	17.6	3.18
Yatesville Lake	YVL_48.1	26	0	4	0.9333	0.0667	0.13	30	10.4	0.47
Yatesville Lake	YVL_49.1	26	1	2	0.9310	0.0690	0.07	29	13.9	1.58
Yatesville Lake	YVL_50.1	23	0	7	0.8833	0.1167	0.23	30	10.8	0.56