Technical Addendum to the Yellowstone River Intake Diversion Scientific Review

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This document is an addendum to the report *Intake Diversion Dam Modification, Lower Yellowstone River: Science Review Report* dated 11-30-2009 and should be considered in conjunction with that report.

Introduction:

In October of 2009, a scientific review panel was assembled to provide a critical evaluation of the science surrounding the Lower Yellowstone Diversion Dam Project (commonly known as the Intake Diversion). The objective of the proposed project is to provide a route for passage of fish to move upstream and a fish screen to limit entrainment of fish into the irrigation canal system. These efforts are being designed to primarily benefit the endangered pallid sturgeon, at the Lower Yellowstone Diversion in the Yellowstone River near Intake, Montana.

A leading theory as to why the pallid sturgeon are endangered and facing extirpation in this part of their range is the failure of recruitment due to insufficient downstream drift distances for pallid sturgeon larvae. A larval pallid sturgeon requires an adequate time drifting in river currents while they develop to the stage when they can transition to life as a benthic fish. As a result of the construction of dams for water diversion and discharge control, free flowing distances in the Yellowstone River and connected sections of the Missouri River are insufficient for pallid sturgeon larvae to drift from current spawning locations to the headwaters of Lake Sakakawea.

One of the main issues raised by the panel review was the need for a more clearly articulated and structured treatment of larval drift distances. An objective of the project outlined in the EA was to provide an upstream migratory pathway for adult pallid sturgeon to find suitable spawning locations near the next upstream barrier (Cartersville Diversion near Forsyth, MT). If adults move upstream and spawn, it is hypothesized that some portion of the slowest drifting pallid sturgeon larvae would settle prior to reaching Lake Sakakawea. This would provide a mechanism to allow natural recruitment to once again occur in the Yellowstone River.

Although substantial amounts of information were presented in the EA regarding this contention, a clear treatment of the data was not provided. As a result, the review panel provided a simple model as an example of how to determine whether sufficient drift distances may occur based on the historic discharge data collected by the USGS on the Yellowstone River near Sidney, MT. Unfortunately, a number of key pieces of data were not available or presented in the EA to make a model based on Yellowstone River information alone. Therefore, information from other rivers was used to provide a “best guess” as to Yellowstone River conditions.

Subsequent to the completion of the panel's review, a number of important pieces of information regarding flow characteristics of the lower Yellowstone River were provided to the panel. Some of the information was available and not cited in the EA, while some was current research which was unpublished at the time of the writing of the EA or the panel's review. The new information provided included:

- A compilation of USGS gage ratings for the lower Yellowstone River in spreadsheet form provided by Kyle Flynn, Montana Department of Environmental Quality. (rating_equations.xls)

- Montana Department of Environmental Quality's rendition of the velocities in the Yellowstone River during 2007 based on simultaneous solution of depth and velocity using Manning's and continuity equation/wide rectangular channel assumption provided by Kyle Flynn, Montana Department of Environmental Quality. (export_from YR_Hydraulics.xls)

- Two graphics showing the Longitudinal Profile of the lower Yellowstone River compared with the hydraulic reach breaks and water velocity estimates. Provided by Kyle Flynn, Montana Department of Environmental Quality.

- McCarthy P.M. 2004. Statistical Summaries of Streamflow in Montana and Adjacent Areas, Water Years 1900 through 2002. U.S. Geological Survey Scientific Investigations Report 2004-5266.

- McCarthy, P.M. 2006. A computer program for estimating instream travel times and concentrations of a potential contaminant in the Yellowstone River, Montana: U.S. Geological Survey Scientific Investigations Report 2006-5057, 16 p. and the computer program referenced in this article. Downloaded from the USGS website.

- McCarthy, P.M. 2009. Travel times, streamflow velocities, and dispersion rates in the Yellowstone River, Montana: U.S. Geological Survey Scientific Investigations Report 2009–5261, 25 p.

- USGS water temperature data for the lower Yellowstone River gages. Most of the data are spot field recordings available on the USGS website, but an additional dataset of daily water temperature reading for the Yellowstone River near Sidney, MT (1974-1985) was provided by Melvin White, USGS Montana Water Science Center.

- Water temperature reading collected by an automated data logger in the Yellowstone River near Sundheim Park (RM 8.7) by Fred Ryckman of North Dakota Game & Fish Department. Data was collected every hour during the majority of the ice-free season from 2001 to 2009. Data was provided by Matthew Jaeger, Montana Fish, Wildlife & Parks. (ng&fd Yellowstone temperature data.xls)

(Note: Each author of the information was contacted by phone by Dr. Parham to make sure the make sure the information was accurate and that we had permission to use the data. A

copy of each of the above sources of information has been provided with this report to the Bureau of Reclamation).

This technical addendum provides an updated version of a simple model for larval pallid sturgeon drift distances in the lower Yellowstone River. Given the time constraints for this effort, the model presented is not intended as a complete development of a reach structured hydraulic larval transport model. It is only an improvement on the assessment of the range and probability of larval drift distances based on the information specific to the lower Yellowstone River.

Methods and Results:

To estimate the annual range of larval transport in the lower Yellowstone River the following step were followed.

1. The daily discharge data from the USGS gage for Yellowstone River near Sidney MT (USGS gage number: 06329500) was selected as representing the reach from Cartersville Diversion to the headwaters of Lake Sakakawea. The daily average discharge was downloaded from the USGS website for the period of record (1910 – 2009). The years of 1910 and 1933 were excluded from the analysis because they had long periods of missing data. Data from years 2007 to 2009 were excluded due to their provisional status.

   The selection of the USGS gage near Sidney, MT is somewhat arbitrary to represent the whole area of interest. This analysis is not a reach structured analysis; therefore conditions are likely to vary up and downstream from the selected gage. Sidney was chosen because it has appropriate data associated with it (long discharge record and some historical daily water temperature). Sidney gage is located at RM 30 on the Yellowstone River placing it in the bottom quarter of the river from Cartersville Diversion to the headwaters of Lake Sakakawea. Given the location of the Sidney gage, it is likely that discharge is an overestimate of average discharge for the river between Cartersville Diversion to the headwaters of Lake Sakakawea as rivers generally gain water in a downstream direction. However, it is also likely that mean channel velocities may be slower than average for the river between Cartersville Diversion to the headwaters of Lake Sakakawea as bed slopes are lower in the downstream sections of the Yellowstone River. It is expected that conditions upstream will be generally swifter (higher river bed slopes) and cooler (less time for warming) than conditions near Sidney. Conversely, downstream average velocities may be slower (lower river bed slope) and warmer (longer time for warming) than conditions near Sidney. It is assumed in this model that the upstream and downstream differences generally cancel each other out and the conditions near Sidney provide a useful representation of the lower Yellowstone River. *Note: It was outside the scope of this addendum to develop a reach structured model to account for these expected differences in the river reach conditions.*

2. To develop an estimate of mean channel velocity from the discharge data, a curve was fit to the gage rating data provided in the compilation of USGS gage ratings for the lower Yellowstone River by Kyle Flynn, Montana Department of Environmental Quality (rating_equations.xls). Following standard hydraulic relationships (Leopold and

Maddock 1953), a power function was fit to the data using TableCurve 2D version 5.01 (Systat 2002). To provide an estimate of the range of uncertainty associated with the discharge to mean velocity relationship, two different curves were created. The first curve was the standard gage rating curve for the data associated with the Sidney gage (RM 30). The second curve included gage rating data from Miles City (RM 184), Glendive (RM 92), and Sidney (RM 30). Billings and Forsyth gage rating data were excluded because they were above the primary area of interest. The actual river average discharge to mean channel velocity relationship for the Yellowstone River between Cartersville Diversion to the headwaters of Lake Sakakawea probably fall between these two curves. The curve for Sidney underestimates bed slope for the area of concern thus underestimating average river velocities. However, the three gage combination overestimates discharges thus overestimates average river velocities. It is important to note that gage rating data for the discharge to mean velocity relationship were completed by Kyle Flynn, Montana DEQ and were not recalculated for this project. The data for the gage sites of interest were selected from the provided Montana DEQ dataset and a power function was fit to the subset of the information.

Both equations fit the power function represented by: $y = ax^b$, where x is discharge (m^3/s) and y is mean velocity (m/s). The coefficients and r^2 for the equations were as follows:

i. For the Sidney gage only: $a = 0.0543$; $b = 0.468$; $r^2 = 0.95$

ii. For the combination of the three gages: $a = 0.0679$; $b = 0.454$; $r^2 = 0.84$

Data collected to develop the gage rating equations (discharge, river width, depth, and/or velocity) by the USGS were collected in the vicinity of the gage site, but not usually right at the gage to avoid representing only the local hydraulic characteristics of the gage site and not the typical conditions of the river area and thus do a decent job of characterizing average river conditions (Kyle Flynn, Montana DEQ, personal communication). Additionally, estimates of mean velocity for different river sections developed using the gage rating equations closely matched the results for mean velocities found during the tracer dye study further supporting the applicability of this method for estimating mean velocity from discharge for the lower Yellowstone River (Kyle Flynn, Montana DEQ, personal communication). McCarthy (2009) notes that the gage rating data may overestimate mean channel velocity given the gage locations near bridges which are generally in narrower sections of the river.

The following graph (Figure 1) shows the results for the estimation of mean velocity from discharge based on the USGS gage rating information. One outlier at 161 m^3/s and 2.1 m/s was excluded when fitting the curves to the data.

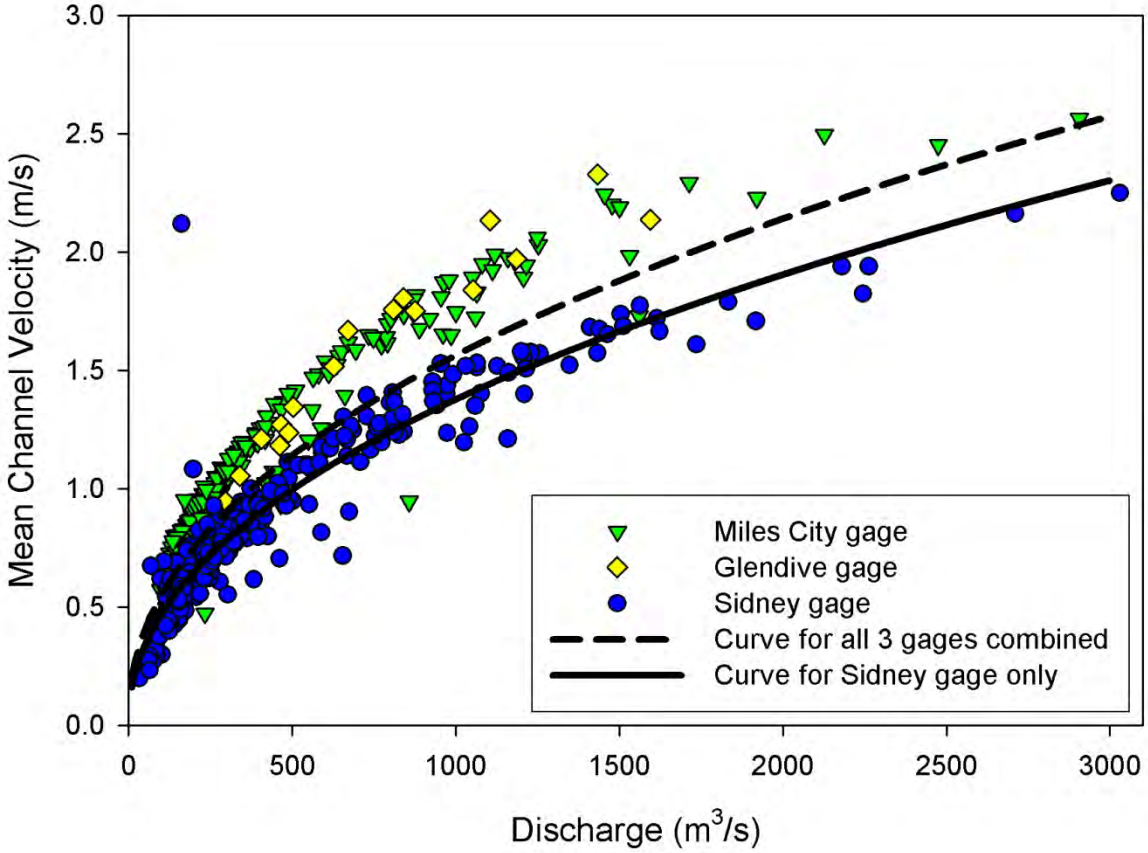

Figure 1. Estimated relationships between discharge and mean channel velocity for the Sidney gage and the three gages combined on the lower Yellowstone River. The data were collected from 1967 to 2008 for Sidney gage, 2002 to 2008 for Glendive gage, and 1974 to 2008 for the Miles City gage. The point for the Sidney gage near 161 m^3/s discharge and 2.1 m/s mean channel velocity was excluded as an outlier.

3. For each day in the discharge record for the Yellowstone River near Sidney, MT, each equation (Sidney only and the three gage combination) was applied to estimate daily mean channel velocity from daily mean discharge. *Note: the results of steps 3 through 9 and 11 are provided in a separate Excel spreadsheet.*

4. Larval pallid sturgeon drift for varying lengths of time related to water temperature. To estimate the average of the mean channel velocity for a range of different possible drift lengths, the average mean velocity of the preceding 7, 8, 9, 10, 11, 12, 13, 14, and 15 day "windows" were determined for each day of the Sidney gage discharge record. This represents the average of mean channel velocities experienced by a larva completing its drift on that day throughout the preceding time periods.

To determine distance traveled (in km) at average mean channel velocities for each time period window, the following equation was used:

Distance Traveled (km) = (Average mean velocity (m/s) * 60 sec * 60 min * 24 hours * x days) / 1000

5. Distance traveled for each time period window were converted to miles using the conversion factor: km * 0.6214 = miles.

6. To summarize distance traveled for each time window for each calendar date, the number of times was counted in which distance traveled was less than specific distance targets (Table 1). For example, on June 1st of each year, the 95 individual results for distance traveled over the preceding 7 days were grouped. If 10 of these were less than or equal to 253 miles then a count of 10 was recorded for that date for that time window. This provides a summary of the number of times over the 95 year period of record that distances traveled at mean velocities for each time window fell into the various categories related to the Intake Diversion Project.

Table 1. Distances in river miles from Intake Diversion (assumes no passage at Intake), Cartersville Diversion (assumes passage at Intake Diversion) and Yellowstone Diversion (assumes passage at both Intake and Cartersville Diversions) to the headwaters of Lake Sakakawea at low pool and high pool.

Description	**Distance (miles)**
Intake Diversion to upper headwaters	≤ 85
Intake Diversion to lower headwaters	≤ 116
Cartersville Diversion to upper headwaters	≤ 253
Cartersville Diversion to lower headwaters	≤ 284
Yellowstone Diversion to upper headwaters	≤ 312
Yellowstone Diversion to lower headwaters	≤ 343
Insufficient drift distance	> 343

Distances were estimated based on the following assumptions. Successful passage of the Intake Diversion (RM 70) would provide an additional 168 miles of upstream movement to Cartersville Diversion (RM 238) on the Yellowstone River. Passage through the Cartersville Diversion Dam would result in an additional 59 miles of river to the next barrier at Yellowstone Diversion (RM 297). The Yellowstone River at RM 0 enters the Missouri River at RM 1581(now in Missouri River RM). According to a report by the North Dakota Game and Fish Department (2002) during high water years the headwaters of Lake Sakakawea are 15 miles downstream from the confluence at RM 1566 and during low water years the headwaters are as far downstream as RM 1535. Farther downstream the old river channel is filled with mud and does not provide additional riverine habitat.

7. To estimate the larval drift distances for the slowest drifting portions of the population, a dispersion ratio was determined from the results the tracer day study in the lower Yellowstone River (McCarthy 2009). The dispersion ratio was defined as the ratio of the travel time of the centroid divided by the travel time of the 10% concentration or trailing edge. The centroid is the best approximation of mean velocity (McCarthy, 2009).

   Table 2. Tracer dye travel times for centroid, 10%, and trailing edge, and dispersion ratios (Adapted from McCarthy 2009).

Site	Hours to centroid	Hours to 10%	Centroid to 10% ratio	Hours to trailing edge	Centroid to tail ratio
	From Cartersville Dam				
Fort Keogh Bridge	26.2	31.4	0.83	38.8	0.68
Kinsey Bridge	33.1	39.1	0.85	47.8	0.69
	From Miles City Bridge				
Calypso Bridge	17.6	21.8	0.81	33.2	0.53
Fallon Bridge	26.3	32.3	0.81	43.2	0.61
Glendive Bridge	43.6	52.5	0.83	63.2	0.69
		Average	0.83		0.64

   The dispersion ratio represents the rate at which the dye particles spread out (longitudinally disperse) over distance. For example using the centroid to tail ratio of 0.64, when the center of the dye plume travels 10 miles downstream, the tail will have traveled only 6.4 miles. Compare this to when the center of the dye plume has traveled 100 miles the tail will have traveled only 64 miles. The closer the ratio is to 1 the tighter the distribution of the group.

8. As a result of the interest in the minimum possible drift distances that may allow a portion of larval pallid sturgeon to successfully complete their drift phase, the dispersion ratios for the slowest 10% and the trailing edge were multiplied by the results of step 3 and then steps 4 through 7 were completed for each of the new datasets. This produced distance traveled estimates for the slowest 10% and the trailing edge for each time window and associated summary counts for distance groups for each calendar date.

9. To estimate the number of days needed for the development of pallid sturgeon larvae during their drifting period several steps were followed. First, the daily water temperature readings for the Yellowstone River near Sidney, MT for the period between 1974 and 1985 and the hourly water temperature readings for Sundheim Park (RM 8.7) between 2001 and 2009 were imported into an Access database. There were gaps in the record, but these were the largest time spans of daily water temperatures available for any gage in the lower Yellowstone River. The readings from Sundheim Park were used as they were only 21 miles from the Sidney gage and it nearly doubled the temperature record for the lower Yellowstone River. The readings at Sundheim Park were collected hourly with an automated temperature monitor. Automated temperature monitors provide an accurate measure of average daily water temperature that is not biased toward warmer

temperatures common with spot readings collected during the middle of the day. The average, minimum, and maximum water temperature for all years of the record were calculated for each day. Additionally, visual inspection of the water temperature at upstream locations revealed that upstream water temperatures were typically slightly cooler than Sidney water temperatures. No consistent time periods were available for all sites to definitively show the relationship, but water temperature at Sidney appeared to be a good although slightly warmer proxy for average conditions in the lower Yellowstone River.

10. According to Kynard et al. (2007), pallid sturgeon larvae require approximately 200 cumulative thermal units (CTU in °C) for development during their drift period prior to being competent for settlement. Therefore, the average and maximum water temperatures were divided into 200 to estimate the number of days needed for larval development while drifting (Table 3). In general, for each two degrees cooler the water temperature, it will take one more day of drift for larvae to develop fully.

    Table 3. The general relationship between water temperature and larval pallid sturgeon development time from hatching to settlement.
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Temperature (°C)	Days needed for development
16	12.5
17	11.8
18	11.1
19	10.5
20	10.0
21	9.5
22	9.1
23	8.7
24	8.3
25	8.0

11. The average number of development days based on the average water temperature and the minimum number of development days based on maximum water temperature were calculated for 10 day windows for each day. Table 4 provides the estimates for development day estimates based on average and maximum water temperatures. *Note: Table 4 provided at the end of the report due to its length.*

12. Summarized minimum and the average number of days required for larval development at temperatures typical for the Yellowstone River is provided below (Table 5).

    Table 5. Average development times, expressed as drift days, for larval pallid sturgeon in the lower Yellowstone River.

Date Range	Minimum drift days	Average drift days
June 10 to June 24	9.3	11.2
June 25 to July 8	8.1	9.6
July 9 to July 31	7.4	8.6

13. To combine distance traveled and development time to determine the probability of achieving a successful larval drift for pallid sturgeon in the lower Yellowstone for the different distance groups, the percent occurrence of each drift distance group for 7, 8, 9, 10, 11, and 12 days was highlighted with the estimated maximum and average development days.

    Note: Tables are provided at the end of the report due to their length.

    Table 6. Results for Sidney gage curve and mean velocity
    Table 7. Results for Sidney gage curve and slowest 10% of drifters
    Table 8. Results for Sidney gage curve and trailing edge of drifters
    Table 9. Results for three combined gages curve and mean velocity
    Table 10. Results for three combined gages curve and slowest 10% of drifters
    Table 11. Results for three combined gages curve and trailing edge of drifters

14. A summary of the percent occurrence of successful drift distances as a function of water velocity and water temperature from Tables 6 through 11. Percent probability of success is counted during the primary pallid sturgeon larval drift period (June 15 to July 15) for spawning that occurs from June 1 to June 30 in the lower Yellowstone River.

    Table 12. Number and percent of successful drift distances at differing water velocities and water temperatures. Distances in river miles from Intake Diversion (assumes no passage at Intake), Cartersville Diversion (assumes passage at Intake Diversion) and Yellowstone Diversion (assumes passage at both Intake and Cartersville Diversions) to the headwaters of Lake Sakakawea at low pool and high pool. *Note: The final two rows sum to 100% as top three distance groups are a subset of the fourth group.*

Description	Distance (miles)	Minimum drift days	Minimum percent	Average drift days	Average percent
Sidney gage curve and mean velocity					
Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%
Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%
Cartersville Diversion to upper headwaters	<= 253 miles	6	0.2%	27	0.9%
Cartersville Diversion to lower headwaters	<= 284 miles	22	0.7%	93	3.2%
Yellowstone Diversion to upper headwaters	<= 312 miles	74	2.5%	134	4.6%
Yellowstone Diversion to lower headwaters	<= 343 miles	111	3.8%	192	6.5%
Insufficient drift distance	> 343 miles	2834	96.2%	2753	93.5%
Sidney gage curve and slowest 10% of drifters					
Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%
Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%
Cartersville Diversion to upper headwaters	<= 253 miles	63	2.1%	124	4.2%
Cartersville Diversion to lower headwaters	<= 284 miles	109	3.7%	192	6.5%
Yellowstone Diversion to upper headwaters	<= 312 miles	158	5.4%	285	9.7%
Yellowstone Diversion to lower headwaters	<= 343 miles	211	7.2%	403	13.7%
Insufficient drift distance	> 343 miles	2734	92.8%	2542	86.3%

Sidney gage curve and trailing edge of drifters					
Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%
Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%
Cartersville Diversion to upper headwaters	<= 253 miles	186	6.3%	348	11.8%
Cartersville Diversion to lower headwaters	<= 284 miles	280	9.5%	526	17.9%
Yellowstone Diversion to upper headwaters	<= 312 miles	403	13.7%	732	24.9%
Yellowstone Diversion to lower headwaters	<= 343 miles	560	19.0%	983	33.4%
Insufficient drift distance	> 343 miles	2363	80.2%	1962	66.6%
Three combined gages curve and mean velocity					
Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%
Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%
Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	3	0.1%
Cartersville Diversion to lower headwaters	<= 284 miles	3	0.1%	18	0.6%
Yellowstone Diversion to upper headwaters	<= 312 miles	12	0.4%	62	2.1%
Yellowstone Diversion to lower headwaters	<= 343 miles	43	1.5%	111	3.8%
Insufficient drift distance	> 343 miles	2902	98.5%	2834	96.2%
Three combined gages curve and slowest 10% of drifters					
Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%
Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%
Cartersville Diversion to upper headwaters	<= 253 miles	10	0.3%	50	1.7%
Cartersville Diversion to lower headwaters	<= 284 miles	42	1.4%	110	3.7%
Yellowstone Diversion to upper headwaters	<= 312 miles	88	3.0%	157	5.3%
Yellowstone Diversion to lower headwaters	<= 343 miles	129	4.4%	224	7.6%
Insufficient drift distance	> 343 miles	2816	95.6%	2721	92.4%
Three combined gages curve and trailing edge of drifters					
Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%
Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%
Cartersville Diversion to upper headwaters	<= 253 miles	108	3.7%	192	6.5%
Cartersville Diversion to lower headwaters	<= 284 miles	171	5.8%	323	11.0%
Yellowstone Diversion to upper headwaters	<= 312 miles	233	7.9%	445	15.1%
Yellowstone Diversion to lower headwaters	<= 343 miles	340	11.5%	641	21.8%
Insufficient drift distance	> 343 miles	2602	88.4%	2304	78.2%

15. To estimate the overall average for successful drift distances for larval pallid sturgeon in the lower Yellowstone River, the range of development time (average and minimum drift days) , water velocities (Sidney gage rating curve and three combined gage rating curve), and distance (upper and lower headwaters of Lake Sakakawea) were combined (Table 15). The combinations were averages of the percents for each category. As a result the combined percentages did not always add to 100% so proportions were standardized to 100% by dividing by the total amount.

Table 15. Overall average estimate of larval pallid sturgeon drift success in the lower Yellowstone River.

Drift distance description	**Mean velocity**	**10% slowest drifters**	**Trailing edge**
Intake Diversion to headwaters	0.0%	0.0%	0.0%
Cartersville Diversion to headwaters	0.7%	3.0%	9.4%
Yellowstone Diversion to headwaters	3.2%	7.1%	19.0%
Insufficient drift distance	96.8%	92.9%	81.0%

Conclusions:

Estimating the required drift distance for larval pallid sturgeon is a difficult task. Large amounts of uncertainty surround the variables needed to accurately determine the pattern of drift for a small, poorly developed fish over hundreds of miles of free flowing river. With that noted this technical addendum represents an improvement of the assessment of larval drift distances provided in the Panel's scientific review of the Yellowstone River Intake Diversion Project.

This new model of pallid sturgeon larval drift distances is an improvement because it incorporates data collected directly in the area of concern on the lower Yellowstone River and includes:

- estimates of distances traveled for every 7, 8, 9, 10, 11, and 12 day window over the 95 year period of record for discharge in the Yellowstone River near Sidney, MT;

- empirical relationships between discharge and mean velocity derived from USGS gage rating equations with data collected at gage locations in the lower Yellowstone River;

- ratios of drift dispersion based on recently published tracer dye studies conducted on the lower Yellowstone River;

- estimates of larval drift development time based on daily water temperature collected over 20 years in the Yellowstone River near Sidney, MT.

It is important to understand that this assessment of larval drift distances is not focused on the average conditions found in the lower Yellowstone River. Endangered pallid sturgeon require long larval drift distances and achieving suitable drift distances for all or even the average drifting larvae is unlikely without substantial modification or removal of the large dams on the upper Missouri River. Dam removal is not currently considered a viable alternative. Therefore, this effort focuses on achieving suitable drift distances for a fraction of the slowest drifting larvae. If this can be accomplished then possibility of developing a sustainable population of naturally reproducing pallid sturgeon in the Yellowstone River and connected sections of the Missouri River may become a reality.

One area of this analysis that is substantially different from prior models for larval pallid sturgeon drift is the reliance on travel times predicted from a tracer dye study on the lower Yellowstone River (McCarthy 2009) as opposed to drift estimates on larval pallid sturgeon in a side channel of the Missouri River (Braaten et al. 2008). The relevance of this approach requires additional discussion.

Dye particles disperse over distance (or time) in the river because they are exposed to a range of different flow paths. Some end up in the swiftest water (i.e. the thalweg), never escape, and end up traveling faster than mean channel velocity. These particles make up the leading edge of the dye plume. Other particles are carried for a distance in swift waters, then are caught in slow

water areas, and then drift back to the main current. When the center of mass of dye particles (centroid) passes a given location, this is representative of the mean velocity of the river. Individual dye particles follow different flow paths but many paths will mimic movements of the average units of water. Finally, by chance, some dye particles will drift into the slowest moving waters, perhaps staying near the bottom or ending up in side channels. When these slowest drifting particles finally pass the sampling location, the tail of the dye plume will have passed downstream.

Dye particles and larval pallid sturgeon are not identical. Dye particles are much smaller, have no behavioral tendencies, and lack any ability to control their position in the water column. In river studies, larval pallid sturgeon are more commonly sampled in the bottom 0.5m of the water column (Braaten et al. 2008). In laboratory studies, pallid sturgeon larvae have displayed some ability to control their position in the water column, although this ability was not sufficiently developed to hold larvae in low-velocity eddies until 11 days post hatch (dph) (Kynard et al. 2002, 2007). If pallid sturgeon larvae are able to control their position in the water column adequately to stay in the slower velocity water near the bottom, then it is likely that mean velocities will overestimate drift distances. In this report, we focus on the 10% concentration and the trailing edge of the dye distribution as these may be a more appropriate descriptor of dispersal behavior for the slowest larval pallid sturgeon as they represent particles that by chance have drifted into flow paths that are slower than mean channel velocity. Unless larval pallid sturgeon have the ability to actively move against the current, it is unlikely that the larvae would drift slower than the slowest drifting dye particles. There is no evidence for this ability for larvae younger than 11 dhp at this time. Additionally, if larval pallid sturgeon actively attempted to minimize drift velocities and survived well in low velocity environments then drifting into the headwaters of Lake Sakakawea would not present a problem for the larval fish, from an exclusively hydraulic perspective.

A comparison of the dispersion ratios between the tracer dye study and the larval pallid sturgeon drift study is also informative on how the ratios influence the overall results for minimum drift distances. In the larval drift study, Braaten et al. (2008) released larval pallid sturgeon in a side channel of the Missouri River and recaptured the larvae at various distances downstream to estimate the drift parameters. The downstream capture distances ranged from 500 to 1300 m. From the study results, a set of equations was developed that predicted total drift distances for the mean, slowest 25%, slowest 10%, and slowest 1% of the population at various mean velocities ranging from 0.3 to 0.6 m/s. When comparing the results of these equations, the dispersion ratio for the mean (centroid) to slowest 10% of the drifters was 0.93 and the dispersion ratio for the mean to slowest 1% of the drifters was 0.88. These results suggest much lower dispersion than was found in the tracer dye study (0.88 and 0.64, respectively in Table 2).

Several possibilities may account for this difference. First, pallid sturgeon larvae may have some behavioral ability to reduce dispersion and stay close to other larvae. Second, pallid sturgeon larvae may display similar behavioral responses to current and thus keep them in similar flow paths. Finally, the larval pallid sturgeon may not have fully dispersed laterally across the channel in the distances measured and thus dispersion rates were still changing. A combination of the final two explanations may be the most likely as McCarthy (2009) found incomplete lateral

mixing at all sites less than 13.5 miles downstream of dye injection sites. This distance is far greater than the 1.3 km (0.8 mile) sampling distance in the Braaten et al. 2008 study.

Pallid sturgeon larvae may disperse less than the random dye particle by staying near the bottom, causing the centroid of the larvae to move more slowly than mean river velocities. However, it is also likely that dispersion is greater than measured in the short distance of the Missouri River side channel due to incomplete lateral mixing. Therefore, the use of the ratio of mean river velocity (dye centroid) to the trailing edge of the dye plume is likely the best measure of the slowest portion of the drifting pallid sturgeon larvae in the Yellowstone River.

The results of this model of pallid sturgeon larval drift in the lower Yellowstone suggests that attainable drift distances are on the low end for achieving successful larval development. In general, conditions are unsuitable 81% to 92.9% of the time for the trailing edge and slowest 10% of drifting pallid sturgeon. On the other side of that pattern, it does appear that if passage is provided at Intake and Cartersville Diversions then it may be possible for some pallid sturgeon to successfully complete their drift period 19% of the time. If passage is only provided at Intake Diversion, successful drift periods may occur in 9.4% of the time for the slowest drifting larvae. These percentages do not mean that in each year 19% or 9.4% of the larvae will survive. The percentages reflect the percent suitable drift windows during the peak spawning period over many years. On average, 6 of the 30 days in the peak spawning period would be suitable if passage is provided at Intake and Cartersville Diversions compared to 3 of the 30 days if passage is provided only at Intake. Again, while this is the average of a 95 year discharge record, it is unlikely that these conditions occur annually. A greater number of suitable drift windows are expected during low discharge, warmer years than during high discharge, cool water years.

This model also does not address the proportion of larvae that may survive when a successful drift window has been predicted to occur. In rare instances, drift conditions may result in great numbers of larvae successfully surviving the drift phase. For example, if a spawning season was warmer and slower than average it is possible up to a third of all drift periods may have suitable characteristics for a small portion of the drifting larvae (Table 14, Sidney gage curve and trailing edge of slowest drifters). Additionally, if spawning occurred at the optimum time the bulk of the larvae may survive (Table 14, Sidney gage curve and mean velocity). More commonly, a small proportion of the slowest drifters from the overall population of drifting larvae would survive. The implications for the actual number of successful larvae that recruit to the population are unknown at this time. Pallid sturgeon are long lived and have the potential to produce a large number of offspring over their lifetime. These characteristics may dampen the effect of the expected high annual variability of suitable drift windows on the overall population stability. A population viability analysis could be performed to further clarify these uncertainties. However, given the variability associated with estimating the occurrence of successful drift windows and the uncertainties about the proportion of larvae that may survive in any given window, the results of the population viability analysis likely will be weakly supported.

This model also does not address the probability that pallid sturgeon will move upstream and find suitable spawning habitat, but assumes that upstream spawning migrations will occur. The original scientific review of the Yellowstone River Intake Diversion Project addresses this issue and this new analysis of new data does not substantively change the conclusions. As numbers of

mature pallid sturgeon increase in the Yellowstone River and connected sections of the Missouri River as a result of the on-going stocking programs, it is likely that new spawning areas will be utilized. Over time, it is possible that spawning sites upstream from Intake Diversion and potentially upstream from the Cartersville Diversion will be used if adult fish passage is provided. This model only considers the availability of suitable drift distances if these upstream spawning locations are used.

Further development of a model to predict larval drift distances in the Yellowstone River could be accomplished by use of a reach stratified hydraulic transport model. Although a stratified model may improve the precision of the estimate, it is unlikely that this would substantially improve the accuracy of the estimate due to the large amounts of uncertainty associated with these estimates.

The following are some areas of uncertainty in the prediction of larval pallid sturgeon drift success:

- McCarthy (2009) used a three parameter log-normal equation to estimate the trailing edge of the tracer dye plume. As a result, the estimate of the trailing edge had the largest degree of uncertainty associated with it (McCarthy, personal communication). Additionally, longitudinal dispersion can continue indefinitely and thus an undetectable amount of dye may continue drifting downstream long after the estimate of the trailing edge. Therefore, it is possible that the slowest drifting pallid sturgeon larvae are not accurately represented by the trailing edge of the tracer dye curve.

- Additionally, the tracer dye test was done at a single discharge (approximately 7,500 cfs). The accuracy of the extrapolation of the dispersion ratios to higher discharges is unknown.

- How closely does the tracer dye mimic a drifting pallid sturgeon? Behavioral adaptations may cause the larval sturgeon to attempt to stay in the thalweg of the river thus increasing drift distances, but the larvae also may attempt to drift nearer to the bottom and this may shorted overall drift distances. It is unknown how these behaviors change over time and whether all larvae follow the same pattern.

- There are uncertainties associated with the estimation of mean water velocity from discharge. The location where the gage rating data was collected may not appropriately characterize the average river conditions.

- In high water years on the Missouri River, are there decreased velocities in the lower Yellowstone River associated with the effects of impoundment by the flood flows from the Missouri? How do overbank flows influence larval dispersal?

- There is considerable uncertainty in water temperature estimates for the lower Yellowstone River. The majority of the water temperature data was collected via spot readings associated with field work and not automated water temperature data collections that provide accurate estimates of average daily temperatures. How do inflows from

tributaries influence the estimate of downstream water temperature? Do records from two short periods (1974 to 1985 and 2001 to 2009) provide a good representation of long term water temperatures?

- Is the development time for larval pallid sturgeon based on CTU the minimum condition needed for successful larvae development? Are there precocious larvae that may develop successfully more quickly than the average individuals?

- Do additional spawning habitats in tributaries (e.g. Tongue and Powder Rivers) significantly contribute to available drift distances?

Various methods were explored to provide a range or confidence intervals for the predictions of suitable larval drift windows. A range of possible conditions were provided in this report for water velocity, development time, and drift distance associated with the location of Lake Sakakawea's headwaters. Although some estimate of uncertainty was attempted, additional uncertainties still exist that may influence total drift distance for larval pallid sturgeon. There was not easy way to quantify many of these variables. Each reason to slow down the rate of drift for the larvae could be equally countered with a reason to increase the drift rate (Table 16).

Table 16. Summary of some potential sources of uncertainty and the direction that the uncertainty may change the estimates of suitable drift distance for the lower Yellowstone River.

Source of Uncertainty:	**Increase Drift Distance**	**Decrease Drift Distance**
Estimate of the trailing edge of dye plume	Yes	Yes
Extrapolation of dye test discharge to other discharges	Yes	Yes
Larval behavior to stay in river thalweg	Yes	No
Larval behavior to stay near bottom	No	Yes
Variability in larval behavior	Yes	Yes
Uncertainties in discharge to velocity estimates	Yes	Yes
Influence of tributary flow and Missouri River conditions	Yes	Yes
Estimation of the location of Lake Sakakawea headwaters	Yes	Yes
Uncertainty of water temperatures	Yes	Yes
Uncertainty in larval development time	Yes	Yes
Uncertainty in suitable spawning locations	Yes	Yes

These multiple sources of uncertainty hinder our ability to estimate exactly how far and under what conditions larval pallid sturgeon will have sufficient drift distances to successfully develop and transition into benthic fish. This description of uncertainty is not intended to obscure the situation that current drift distances appear to be too short to allow successful development. Under no conditions were drift distances from Intake Diversion downstream (i.e. the current situation without fish passage at Intake Diversion) suitable for larval pallid sturgeon to successfully complete their drift phase (Table 14). It also does not change the fact that increased distances resulting from passage of dams on the Yellowstone River provide a greater chance that some larvae may complete their drift phase successfully prior to entering Lake Sakakawea.

Rather, the uncertainty highlights the difficulty in providing absolute confirmation of the overall success of the Yellowstone River Intake Diversion Project.

The results of the model for larval pallid sturgeon drift distances presented here suggest that distances created by passage of the Intake Diversion and potentially Cartersville Diversion may result in successful larval drift during low discharge, warm water years. It is unlikely that many larval pallid sturgeon will survive in high flow, cold water years. This new analysis of the larval pallid sturgeon drift success associated with the Intake Diversion Project on the Yellowstone River does not appear to change the overall conclusions presented in the Panel's scientific review. This new analysis does highlight the tight margin for error associated with this undertaking. Overall, the Yellowstone River Intake Diversion Project should provide passage for juvenile and adult pallid sturgeon, decrease entrainment of many fishes including pallid sturgeon, and may provide adequate drift distances in some years for a portion larval pallid sturgeon. This technical addendum supports the conclusion in the original scientific review and provides an improved estimate of larval pallid sturgeon drift success in the lower Yellowstone River.

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Table 4. Average, minimum, and maximum water temperatures and estimated drift development days for larval pallid sturgeon associated with days in June and July for the daily water temperature record from the Yellowstone River near Sidney, MT from 1974 to 1985. The 10 day average is the running average of the average larval development days and the 10 day minimum is the running average associated with the minimum development days (maximum water temperature).

Month	Day	Average water temp	Minimum water temp	Maximum water temp	Avg development days	Min development days	10 day average	10 day minimum
6	1	16.4	12.6	20.0	12	10		
6	2	16.6	13.4	18.7	12	11		
6	3	16.9	14.4	19.3	12	10		
6	4	17.1	15.3	19.9	12	10		
6	5	17.4	14.6	21.1	11	9		
6	6	17.6	13.3	21.9	11	9		
6	7	17.4	11.4	21.2	11	9		
6	8	17.2	11.2	20.7	12	10		
6	9	16.8	12.3	19.9	12	10		
6	10	16.8	12.2	20.9	12	10	12	10
6	11	17.1	12.5	22.0	12	9	12	10
6	12	17.4	12.9	21.0	11	10	12	10
6	13	17.9	13.3	21.4	11	9	12	10
6	14	18.3	14.5	20.9	11	10	11	9
6	15	18.7	15.3	21.8	11	9	11	9
6	16	19.0	15.6	22.1	11	9	11	9
6	17	19.1	15.6	22.1	10	9	11	9
6	18	19.0	14.8	22.3	11	9	11	9
6	19	19.1	15.0	23.2	10	9	11	9
6	20	19.5	15.7	23.8	10	8	11	9
6	21	19.9	16.4	24.1	10	8	11	9
6	22	20.2	16.3	24.2	10	8	10	9
6	23	20.5	16.9	24.7	10	8	10	9
6	24	20.7	17.0	24.5	10	8	10	9
6	25	20.9	17.4	25.0	10	8	10	8
6	26	20.8	17.2	23.8	10	8	10	8
6	27	20.6	17.9	23.8	10	8	10	8
6	28	20.6	18.0	24.7	10	8	10	8
6	29	21.0	18.5	25.6	10	8	10	8
6	30	21.3	18.7	24.9	9	8	10	8
7	1	21.5	19.2	25.4	9	8	10	8
7	2	21.9	19.6	25.6	9	8	10	8
7	3	22.0	18.9	25.4	9	8	9	8
7	4	22.1	19.2	26.1	9	8	9	8
7	5	22.2	19.1	26.1	9	8	9	8
7	6	22.4	19.4	26.3	9	8	9	8
7	7	22.8	19.1	27.0	9	7	9	8
7	8	22.7	19.2	26.4	9	8	9	8
7	9	22.6	18.6	27.1	9	7	9	8

7	10	22.7	19.1	26.8	9	7	9	8
7	11	22.6	19.8	25.6	9	8	9	8
7	12	22.7	19.8	25.6	9	8	9	8
7	13	23.1	19.7	26.5	9	8	9	8
7	14	23.4	20.7	26.7	9	7	9	8
7	15	23.6	20.8	27.1	8	7	9	8
7	16	23.8	19.4	27.6	8	7	9	8
7	17	23.7	19.6	27.8	8	7	9	7
7	18	23.7	19.0	27.6	8	7	9	7
7	19	23.9	19.5	27.9	8	7	9	7
7	20	24.0	20.1	28.1	8	7	9	7
7	21	24.0	19.5	26.8	8	7	8	7
7	22	24.0	19.8	28.1	8	7	8	7
7	23	24.1	20.0	28.5	8	7	8	7
7	24	24.1	20.9	29.2	8	7	8	7
7	25	24.0	22.1	27.2	8	7	8	7
7	26	23.8	20.8	26.3	8	8	8	7
7	27	23.8	20.2	26.6	8	8	8	7
7	28	23.7	21.0	26.1	8	8	8	7
7	29	23.6	20.9	26.6	8	8	8	7
7	30	23.4	19.6	27.3	9	7	8	7
7	31	23.3	18.1	28.0	9	7	8	7

Table 6. Summarized number of estimated drift distances less than specified distance for the mean channel velocity using the Sidney gage rating curve for each calendar date of the 95 year period of record. The date (month and day) represent the end of the expected drift period. For example, a drift completed on 6-15 would have begun 8, 9, 10, 11, or 12 days earlier. Counts represent the number of years with of estimated drift distances less than distance for each category. Final column has blackened cells for likely spawning period. Green highlighted columns represent the minimum expected drift time for the maximum average water temperature and the yellow highlighted cells represent the average water temperature for the average length drift time.

				7 day		8 day		9 day		10 day		11 day		12 day		
Month	**Day**	**Description**	**Distance (miles)**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Peak Spawning Period**
6	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to lower headwaters	<= 284 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to upper headwaters	<= 312 miles	6	6.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to lower headwaters	<= 343 miles	10	10.5%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	1	Insufficient drift distance	> 343 miles	85	89.5%	91	95.8%	93	97.9%	94	98.9%	95	100.0%	95	100.0%	
6	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to lower headwaters	<= 284 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to upper headwaters	<= 312 miles	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	2	Insufficient drift distance	> 343 miles	87	91.6%	91	95.8%	93	97.9%	94	98.9%	95	100.0%	95	100.0%	
6	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to lower headwaters	<= 284 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to upper headwaters	<= 312 miles	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to lower headwaters	<= 343 miles	6	6.3%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	3	Insufficient drift distance	> 343 miles	89	93.7%	91	95.8%	93	97.9%	94	98.9%	95	100.0%	95	100.0%	
6	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to lower headwaters	<= 284 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to upper headwaters	<= 312 miles	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to lower headwaters	<= 343 miles	6	6.3%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	4	Insufficient drift distance	> 343 miles	89	93.7%	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to lower headwaters	<= 284 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to upper headwaters	<= 312 miles	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to lower headwaters	<= 343 miles	6	6.3%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	5	Insufficient drift distance	> 343 miles	89	93.7%	90	94.7%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	
6	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to upper headwaters	<= 312 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	6	Insufficient drift distance	> 343 miles	90	94.7%	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to upper headwaters	<= 312 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	7	Insufficient drift distance	> 343 miles	90	94.7%	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to upper headwaters	<= 312 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	8	Insufficient drift distance	> 343 miles	90	94.7%	93	97.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	9	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	9	Insufficient drift distance	> 343 miles	90	94.7%	93	97.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Insufficient drift distance	> 343 miles	92	96.8%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Insufficient drift distance	> 343 miles	90	94.7%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to lower headwaters	<= 343 miles	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Insufficient drift distance	> 343 miles	91	95.8%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	15	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to lower headwaters	<= 343 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Insufficient drift distance	> 343 miles	91	95.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Insufficient drift distance	> 343 miles	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	20	Insufficient drift distance	> 343 miles	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to lower headwaters	<= 343 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Insufficient drift distance	> 343 miles	91	95.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to lower headwaters	<= 343 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Insufficient drift distance	> 343 miles	91	95.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to lower headwaters	<= 343 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Insufficient drift distance	> 343 miles	88	92.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to lower headwaters	<= 343 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Insufficient drift distance	> 343 miles	88	92.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	26	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Yellowstone Diversion to lower headwaters	<= 343 miles	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	26	Insufficient drift distance	> 343 miles	88	92.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to upper headwaters	<= 312 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	27	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to upper headwaters	<= 312 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to lower headwaters	<= 343 miles	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	28	Insufficient drift distance	> 343 miles	86	90.5%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to upper headwaters	<= 312 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to lower headwaters	<= 343 miles	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	29	Insufficient drift distance	> 343 miles	85	89.5%	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to lower headwaters	<= 284 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to upper headwaters	<= 312 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to lower headwaters	<= 343 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	30	Insufficient drift distance	> 343 miles	84	88.4%	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
7	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to lower headwaters	<= 284 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to upper headwaters	<= 312 miles	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to lower headwaters	<= 343 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	1	Insufficient drift distance	> 343 miles	83	87.4%	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
7	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	2	Yellowstone Diversion to lower headwaters	<= 343 miles	13	13.7%	6	6.3%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
7	2	Insufficient drift distance	> 343 miles	82	86.3%	89	93.7%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	
7	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to lower headwaters	<= 284 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	3	Yellowstone Diversion to lower headwaters	<= 343 miles	14	14.7%	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	3	Insufficient drift distance	> 343 miles	81	85.3%	87	91.6%	93	97.9%	94	98.9%	95	100.0%	95	100.0%	
7	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to upper headwaters	<= 253 miles	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to lower headwaters	<= 284 miles	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	4	Yellowstone Diversion to lower headwaters	<= 343 miles	17	17.9%	8	8.4%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	4	Insufficient drift distance	> 343 miles	78	82.1%	87	91.6%	91	95.8%	94	98.9%	95	100.0%	95	100.0%	
7	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to lower headwaters	<= 284 miles	8	8.4%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	5	Yellowstone Diversion to lower headwaters	<= 343 miles	17	17.9%	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	5	Insufficient drift distance	> 343 miles	78	82.1%	85	89.5%	91	95.8%	94	98.9%	95	100.0%	95	100.0%	
7	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to lower headwaters	<= 284 miles	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	6	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	7	7.4%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	
7	6	Yellowstone Diversion to lower headwaters	<= 343 miles	17	17.9%	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	6	Insufficient drift distance	> 343 miles	78	82.1%	83	87.4%	90	94.7%	94	98.9%	95	100.0%	95	100.0%	
7	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to upper headwaters	<= 253 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	7	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	7	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	12	12.6%	7	7.4%	3	3.2%	0	0.0%	0	0.0%	
7	7	Insufficient drift distance	> 343 miles	76	80.0%	83	87.4%	88	92.6%	92	96.8%	95	100.0%	95	100.0%	
7	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	8	Cartersville Diversion to upper headwaters	<= 253 miles	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	8	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	8	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	13	13.7%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	
7	8	Insufficient drift distance	> 343 miles	76	80.0%	82	86.3%	87	91.6%	91	95.8%	94	98.9%	95	100.0%	
7	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to upper headwaters	<= 253 miles	9	9.5%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	9	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	11	11.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	9	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
7	9	Insufficient drift distance	> 343 miles	76	80.0%	82	86.3%	86	90.5%	91	95.8%	94	98.9%	95	100.0%	
7	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to upper headwaters	<= 253 miles	9	9.5%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	10	Yellowstone Diversion to upper headwaters	<= 312 miles	15	15.8%	12	12.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	10	Yellowstone Diversion to lower headwaters	<= 343 miles	22	23.2%	13	13.7%	11	11.6%	5	5.3%	0	0.0%	0	0.0%	
7	10	Insufficient drift distance	> 343 miles	73	76.8%	82	86.3%	84	88.4%	90	94.7%	94	98.9%	95	100.0%	
7	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	9	9.5%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	11	Yellowstone Diversion to upper headwaters	<= 312 miles	16	16.8%	12	12.6%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
7	11	Yellowstone Diversion to lower headwaters	<= 343 miles	22	23.2%	14	14.7%	12	12.6%	6	6.3%	0	0.0%	0	0.0%	
7	11	Insufficient drift distance	> 343 miles	73	76.8%	81	85.3%	83	87.4%	89	93.7%	93	97.9%	95	100.0%	
7	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	11	11.6%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	12	Yellowstone Diversion to upper headwaters	<= 312 miles	18	18.9%	12	12.6%	9	9.5%	2	2.1%	0	0.0%	0	0.0%	
7	12	Yellowstone Diversion to lower headwaters	<= 343 miles	22	23.2%	15	15.8%	12	12.6%	8	8.4%	0	0.0%	0	0.0%	
7	12	Insufficient drift distance	> 343 miles	73	76.8%	80	84.2%	83	87.4%	87	91.6%	93	97.9%	95	100.0%	
7	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to lower headwaters	<= 284 miles	14	14.7%	12	12.6%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	13	Yellowstone Diversion to upper headwaters	<= 312 miles	18	18.9%	12	12.6%	9	9.5%	2	2.1%	0	0.0%	0	0.0%	
7	13	Yellowstone Diversion to lower headwaters	<= 343 miles	23	24.2%	16	16.8%	12	12.6%	8	8.4%	1	1.1%	1	1.1%	
7	13	Insufficient drift distance	> 343 miles	72	75.8%	79	83.2%	83	87.4%	87	91.6%	93	97.9%	94	98.9%	
7	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	

7	14	Cartersville Diversion to lower headwaters	<= 284 miles	15	15.8%	11	11.6%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
7	14	Yellowstone Diversion to upper headwaters	<= 312 miles	20	21.1%	13	13.7%	11	11.6%	2	2.1%	0	0.0%	0	0.0%	
7	14	Yellowstone Diversion to lower headwaters	<= 343 miles	24	25.3%	18	18.9%	12	12.6%	9	9.5%	2	2.1%	2	2.1%	
7	14	Insufficient drift distance	> 343 miles	71	74.7%	77	81.1%	83	87.4%	86	90.5%	93	97.9%	93	97.9%	
7	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to lower headwaters	<= 284 miles	18	18.9%	11	11.6%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
7	15	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	14	14.7%	11	11.6%	4	4.2%	0	0.0%	0	0.0%	
7	15	Yellowstone Diversion to lower headwaters	<= 343 miles	27	28.4%	19	20.0%	12	12.6%	11	11.6%	2	2.1%	2	2.1%	
7	15	Insufficient drift distance	> 343 miles	68	71.6%	76	80.0%	83	87.4%	84	88.4%	93	97.9%	93	97.9%	
7	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to lower headwaters	<= 284 miles	18	18.9%	11	11.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	16	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	16	16.8%	10	10.5%	4	4.2%	0	0.0%	0	0.0%	
7	16	Yellowstone Diversion to lower headwaters	<= 343 miles	28	29.5%	19	20.0%	13	13.7%	10	10.5%	2	2.1%	2	2.1%	
7	16	Insufficient drift distance	> 343 miles	67	70.5%	76	80.0%	82	86.3%	85	89.5%	91	95.8%	93	97.9%	
7	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	9	9.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to lower headwaters	<= 284 miles	18	18.9%	10	10.5%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	17	Yellowstone Diversion to upper headwaters	<= 312 miles	23	24.2%	18	18.9%	10	10.5%	6	6.3%	1	1.1%	1	1.1%	
7	17	Yellowstone Diversion to lower headwaters	<= 343 miles	32	33.7%	21	22.1%	15	15.8%	10	10.5%	2	2.1%	2	2.1%	
7	17	Insufficient drift distance	> 343 miles	63	66.3%	74	77.9%	80	84.2%	85	89.5%	89	93.7%	93	97.9%	
7	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	9	9.5%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
7	18	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	11	11.6%	9	9.5%	2	2.1%	0	0.0%	0	0.0%	
7	18	Yellowstone Diversion to upper headwaters	<= 312 miles	25	26.3%	18	18.9%	10	10.5%	7	7.4%	2	2.1%	2	2.1%	
7	18	Yellowstone Diversion to lower headwaters	<= 343 miles	31	32.6%	20	21.1%	16	16.8%	10	10.5%	2	2.1%	2	2.1%	
7	18	Insufficient drift distance	> 343 miles	64	67.4%	75	78.9%	79	83.2%	85	89.5%	88	92.6%	93	97.9%	
7	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to upper headwaters	<= 253 miles	14	14.7%	9	9.5%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	12	12.6%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
7	19	Yellowstone Diversion to upper headwaters	<= 312 miles	24	25.3%	19	20.0%	11	11.6%	9	9.5%	2	2.1%	2	2.1%	
7	19	Yellowstone Diversion to lower headwaters	<= 343 miles	32	33.7%	21	22.1%	18	18.9%	10	10.5%	4	4.2%	2	2.1%	
7	19	Insufficient drift distance	> 343 miles	63	66.3%	74	77.9%	77	81.1%	85	89.5%	87	91.6%	93	97.9%	
7	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to upper headwaters	<= 253 miles	16	16.8%	10	10.5%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	14	14.7%	9	9.5%	5	5.3%	0	0.0%	1	1.1%	

7	20	Yellowstone Diversion to upper headwaters	<= 312 miles	28	29.5%	19	20.0%	11	11.6%	9	9.5%	2	2.1%	2	2.1%	
7	20	Yellowstone Diversion to lower headwaters	<= 343 miles	35	36.8%	24	25.3%	18	18.9%	11	11.6%	4	4.2%	4	4.2%	
7	20	Insufficient drift distance	> 343 miles	60	63.2%	71	74.7%	77	81.1%	84	88.4%	86	90.5%	91	95.8%	
7	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to upper headwaters	<= 253 miles	18	18.9%	10	10.5%	5	5.3%	3	3.2%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	15	15.8%	10	10.5%	5	5.3%	2	2.1%	2	2.1%	
7	21	Yellowstone Diversion to upper headwaters	<= 312 miles	29	30.5%	19	20.0%	13	13.7%	9	9.5%	3	3.2%	2	2.1%	
7	21	Yellowstone Diversion to lower headwaters	<= 343 miles	37	38.9%	24	25.3%	19	20.0%	11	11.6%	5	5.3%	5	5.3%	
7	21	Insufficient drift distance	> 343 miles	58	61.1%	71	74.7%	76	80.0%	84	88.4%	86	90.5%	90	94.7%	
7	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	10	10.5%	5	5.3%	3	3.2%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to lower headwaters	<= 284 miles	24	25.3%	18	18.9%	10	10.5%	5	5.3%	2	2.1%	2	2.1%	
7	22	Yellowstone Diversion to upper headwaters	<= 312 miles	30	31.6%	20	21.1%	15	15.8%	10	10.5%	3	3.2%	3	3.2%	
7	22	Yellowstone Diversion to lower headwaters	<= 343 miles	38	40.0%	27	28.4%	19	20.0%	13	13.7%	5	5.3%	5	5.3%	
7	22	Insufficient drift distance	> 343 miles	57	60.0%	68	71.6%	76	80.0%	82	86.3%	85	89.5%	90	94.7%	
7	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	11	11.6%	8	8.4%	3	3.2%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to lower headwaters	<= 284 miles	25	26.3%	19	20.0%	10	10.5%	8	8.4%	2	2.1%	2	2.1%	
7	23	Yellowstone Diversion to upper headwaters	<= 312 miles	32	33.7%	21	22.1%	17	17.9%	10	10.5%	3	3.2%	3	3.2%	
7	23	Yellowstone Diversion to lower headwaters	<= 343 miles	41	43.2%	29	30.5%	20	21.1%	14	14.7%	6	6.3%	5	5.3%	
7	23	Insufficient drift distance	> 343 miles	54	56.8%	66	69.5%	75	78.9%	81	85.3%	85	89.5%	90	94.7%	
7	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Cartersville Diversion to upper headwaters	<= 253 miles	20	21.1%	12	12.6%	9	9.5%	4	4.2%	0	0.0%	1	1.1%	
7	24	Cartersville Diversion to lower headwaters	<= 284 miles	26	27.4%	19	20.0%	12	12.6%	8	8.4%	3	3.2%	3	3.2%	
7	24	Yellowstone Diversion to upper headwaters	<= 312 miles	33	34.7%	24	25.3%	18	18.9%	10	10.5%	4	4.2%	4	4.2%	
7	24	Yellowstone Diversion to lower headwaters	<= 343 miles	42	44.2%	30	31.6%	20	21.1%	17	17.9%	8	8.4%	8	8.4%	
7	24	Insufficient drift distance	> 343 miles	53	55.8%	65	68.4%	75	78.9%	78	82.1%	85	89.5%	87	91.6%	
7	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Cartersville Diversion to upper headwaters	<= 253 miles	22	23.2%	12	12.6%	9	9.5%	4	4.2%	0	0.0%	2	2.1%	
7	25	Cartersville Diversion to lower headwaters	<= 284 miles	29	30.5%	19	20.0%	12	12.6%	9	9.5%	3	3.2%	3	3.2%	
7	25	Yellowstone Diversion to upper headwaters	<= 312 miles	39	41.1%	25	26.3%	18	18.9%	12	12.6%	5	5.3%	5	5.3%	
7	25	Yellowstone Diversion to lower headwaters	<= 343 miles	43	45.3%	31	32.6%	23	24.2%	18	18.9%	8	8.4%	8	8.4%	
7	25	Insufficient drift distance	> 343 miles	52	54.7%	64	67.4%	72	75.8%	77	81.1%	84	88.4%	87	91.6%	
7	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Cartersville Diversion to upper headwaters	<= 253 miles	22	23.2%	14	14.7%	9	9.5%	5	5.3%	0	0.0%	2	2.1%	
7	26	Cartersville Diversion to lower headwaters	<= 284 miles	29	30.5%	21	22.1%	13	13.7%	9	9.5%	3	3.2%	3	3.2%	
7	26	Yellowstone Diversion to upper headwaters	<= 312 miles	40	42.1%	26	27.4%	19	20.0%	12	12.6%	5	5.3%	5	5.3%	

7	26	Yellowstone Diversion to lower headwaters	<= 343 miles	44	46.3%	33	34.7%	24	25.3%	18	18.9%	9	9.5%	9	9.5%	
7	26	Insufficient drift distance	> 343 miles	51	53.7%	62	65.3%	71	74.7%	77	81.1%	83	87.4%	86	90.5%	
7	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	14	14.7%	9	9.5%	6	6.3%	0	0.0%	3	3.2%	
7	27	Cartersville Diversion to lower headwaters	<= 284 miles	30	31.6%	21	22.1%	14	14.7%	9	9.5%	4	4.2%	4	4.2%	
7	27	Yellowstone Diversion to upper headwaters	<= 312 miles	40	42.1%	27	28.4%	20	21.1%	13	13.7%	7	7.4%	6	6.3%	
7	27	Yellowstone Diversion to lower headwaters	<= 343 miles	48	50.5%	38	40.0%	26	27.4%	19	20.0%	9	9.5%	9	9.5%	
7	27	Insufficient drift distance	> 343 miles	47	49.5%	57	60.0%	69	72.6%	76	80.0%	83	87.4%	86	90.5%	
7	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	14	14.7%	10	10.5%	7	7.4%	0	0.0%	3	3.2%	
7	28	Cartersville Diversion to lower headwaters	<= 284 miles	33	34.7%	23	24.2%	14	14.7%	10	10.5%	4	4.2%	4	4.2%	
7	28	Yellowstone Diversion to upper headwaters	<= 312 miles	41	43.2%	27	28.4%	21	22.1%	13	13.7%	7	7.4%	7	7.4%	
7	28	Yellowstone Diversion to lower headwaters	<= 343 miles	49	51.6%	39	41.1%	26	27.4%	20	21.1%	9	9.5%	9	9.5%	
7	28	Insufficient drift distance	> 343 miles	46	48.4%	56	58.9%	69	72.6%	75	78.9%	82	86.3%	86	90.5%	
7	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	15	15.8%	10	10.5%	7	7.4%	0	0.0%	3	3.2%	
7	29	Cartersville Diversion to lower headwaters	<= 284 miles	37	38.9%	23	24.2%	14	14.7%	10	10.5%	4	4.2%	4	4.2%	
7	29	Yellowstone Diversion to upper headwaters	<= 312 miles	43	45.3%	28	29.5%	22	23.2%	14	14.7%	7	7.4%	7	7.4%	
7	29	Yellowstone Diversion to lower headwaters	<= 343 miles	53	55.8%	40	42.1%	26	27.4%	20	21.1%	9	9.5%	9	9.5%	
7	29	Insufficient drift distance	> 343 miles	42	44.2%	55	57.9%	69	72.6%	75	78.9%	82	86.3%	86	90.5%	
7	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Cartersville Diversion to upper headwaters	<= 253 miles	23	24.2%	16	16.8%	10	10.5%	7	7.4%	0	0.0%	3	3.2%	
7	30	Cartersville Diversion to lower headwaters	<= 284 miles	39	41.1%	22	23.2%	16	16.8%	10	10.5%	5	5.3%	6	6.3%	
7	30	Yellowstone Diversion to upper headwaters	<= 312 miles	45	47.4%	30	31.6%	21	22.1%	14	14.7%	7	7.4%	7	7.4%	
7	30	Yellowstone Diversion to lower headwaters	<= 343 miles	59	62.1%	42	44.2%	26	27.4%	20	21.1%	10	10.5%	10	10.5%	
7	30	Insufficient drift distance	> 343 miles	36	37.9%	53	55.8%	69	72.6%	75	78.9%	81	85.3%	85	89.5%	
7	31	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Cartersville Diversion to upper headwaters	<= 253 miles	23	24.2%	16	16.8%	10	10.5%	7	7.4%	0	0.0%	3	3.2%	
7	31	Cartersville Diversion to lower headwaters	<= 284 miles	40	42.1%	21	22.1%	16	16.8%	10	10.5%	5	5.3%	5	5.3%	
7	31	Yellowstone Diversion to upper headwaters	<= 312 miles	47	49.5%	33	34.7%	21	22.1%	14	14.7%	7	7.4%	7	7.4%	
7	31	Yellowstone Diversion to lower headwaters	<= 343 miles	62	65.3%	42	44.2%	28	29.5%	21	22.1%	10	10.5%	10	10.5%	
7	31	Insufficient drift distance	> 343 miles	33	34.7%	53	55.8%	67	70.5%	74	77.9%	81	85.3%	85	89.5%	

Table 7. Summarized number of estimated drift distances less than specified distance for the 10% of the slowest drifters using the Sidney gage rating curve for each calendar date of the 95 year period of record. The date (month and day) represent the end of the expected drift period. For example, a drift completed on 6-15 would have begun 8, 9, 10, 11, or 12 days earlier. Counts represent the number of years with of estimated drift distances less than distance for each category. Final column has blackened cells for likely spawning period. Green highlighted columns represent the minimum expected drift time for the maximum average water temperature and the yellow highlighted cells represent the average water temperature for the average length drift time.

				7 day		8 day		9 day		10 day		11 day		12 day		
Month	**Day**	**Description**	**Distance (miles)**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Peak Spawning Period**
6	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to lower headwaters	<= 284 miles	10	10.5%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to upper headwaters	<= 312 miles	17	17.9%	7	7.4%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to lower headwaters	<= 343 miles	35	36.8%	12	12.6%	7	7.4%	2	2.1%	1	1.1%	1	1.1%	
6	1	Insufficient drift distance	> 343 miles	60	63.2%	83	87.4%	88	92.6%	93	97.9%	93	97.9%	94	98.9%	
6	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to lower headwaters	<= 284 miles	8	8.4%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	6	6.3%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to lower headwaters	<= 343 miles	31	32.6%	12	12.6%	6	6.3%	3	3.2%	1	1.1%	1	1.1%	
6	2	Insufficient drift distance	> 343 miles	64	67.4%	83	87.4%	89	93.7%	92	96.8%	93	97.9%	94	98.9%	
6	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to lower headwaters	<= 284 miles	6	6.3%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	6	6.3%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to lower headwaters	<= 343 miles	26	27.4%	9	9.5%	6	6.3%	3	3.2%	1	1.1%	1	1.1%	
6	3	Insufficient drift distance	> 343 miles	69	72.6%	86	90.5%	89	93.7%	92	96.8%	93	97.9%	94	98.9%	
6	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to lower headwaters	<= 284 miles	6	6.3%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to upper headwaters	<= 312 miles	7	7.4%	5	5.3%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to lower headwaters	<= 343 miles	26	27.4%	7	7.4%	5	5.3%	3	3.2%	0	0.0%	1	1.1%	
6	4	Insufficient drift distance	> 343 miles	69	72.6%	88	92.6%	90	94.7%	92	96.8%	94	98.9%	94	98.9%	
6	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to lower headwaters	<= 284 miles	6	6.3%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to upper headwaters	<= 312 miles	8	8.4%	5	5.3%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to lower headwaters	<= 343 miles	22	23.2%	7	7.4%	5	5.3%	4	4.2%	0	0.0%	0	0.0%	
6	5	Insufficient drift distance	> 343 miles	73	76.8%	88	92.6%	90	94.7%	91	95.8%	94	98.9%	95	100.0%	
6	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	5	5.3%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to lower headwaters	<= 343 miles	21	22.1%	6	6.3%	5	5.3%	3	3.2%	0	0.0%	0	0.0%	
6	6	Insufficient drift distance	> 343 miles	74	77.9%	89	93.7%	90	94.7%	92	96.8%	95	100.0%	95	100.0%	
6	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to lower headwaters	<= 343 miles	21	22.1%	6	6.3%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	7	Insufficient drift distance	> 343 miles	74	77.9%	89	93.7%	90	94.7%	94	98.9%	94	98.9%	95	100.0%	
6	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to lower headwaters	<= 343 miles	21	22.1%	7	7.4%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	8	Insufficient drift distance	> 343 miles	74	77.9%	88	92.6%	90	94.7%	94	98.9%	94	98.9%	95	100.0%	
6	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	

6	9	Yellowstone Diversion to lower headwaters	<= 343 miles	20	21.1%	8	8.4%	3	3.2%	1	1.1%	0	0.0%	0	0.0%
6	9	Insufficient drift distance	> 343 miles	75	78.9%	87	91.6%	92	96.8%	94	98.9%	94	98.9%	95	100.0%
6	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	10	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	10	Cartersville Diversion to lower headwaters	<= 284 miles	3	3.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	10	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%
6	10	Yellowstone Diversion to lower headwaters	<= 343 miles	21	22.1%	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%
6	10	Insufficient drift distance	> 343 miles	74	77.9%	87	91.6%	93	97.9%	94	98.9%	95	100.0%	95	100.0%
6	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	11	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	11	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	11	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%
6	11	Yellowstone Diversion to lower headwaters	<= 343 miles	20	21.1%	6	6.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%
6	11	Insufficient drift distance	> 343 miles	75	78.9%	89	93.7%	93	97.9%	94	98.9%	95	100.0%	95	100.0%
6	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	12	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	12	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	12	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	12	Yellowstone Diversion to lower headwaters	<= 343 miles	16	16.8%	6	6.3%	3	3.2%	0	0.0%	0	0.0%	0	0.0%
6	12	Insufficient drift distance	> 343 miles	79	83.2%	89	93.7%	92	96.8%	95	100.0%	95	100.0%	95	100.0%
6	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	13	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	13	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	13	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	13	Yellowstone Diversion to lower headwaters	<= 343 miles	15	15.8%	6	6.3%	3	3.2%	0	0.0%	0	0.0%	0	0.0%
6	13	Insufficient drift distance	> 343 miles	80	84.2%	89	93.7%	92	96.8%	95	100.0%	95	100.0%	95	100.0%
6	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	14	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	14	Cartersville Diversion to lower headwaters	<= 284 miles	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	14	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	14	Yellowstone Diversion to lower headwaters	<= 343 miles	14	14.7%	8	8.4%	3	3.2%	0	0.0%	0	0.0%	0	0.0%
6	14	Insufficient drift distance	> 343 miles	81	85.3%	87	91.6%	92	96.8%	95	100.0%	95	100.0%	95	100.0%
6	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

6	15	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Cartersville Diversion to lower headwaters	<= 284 miles	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to lower headwaters	<= 343 miles	13	13.7%	8	8.4%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	
6	15	Insufficient drift distance	> 343 miles	82	86.3%	87	91.6%	92	96.8%	95	100.0%	95	100.0%	95	100.0%	
6	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to lower headwaters	<= 343 miles	11	11.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	16	Insufficient drift distance	> 343 miles	84	88.4%	88	92.6%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	
6	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to upper headwaters	<= 312 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to lower headwaters	<= 343 miles	14	14.7%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	17	Insufficient drift distance	> 343 miles	81	85.3%	88	92.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to lower headwaters	<= 284 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to upper headwaters	<= 312 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to lower headwaters	<= 343 miles	15	15.8%	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	18	Insufficient drift distance	> 343 miles	80	84.2%	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to lower headwaters	<= 284 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to lower headwaters	<= 343 miles	14	14.7%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	19	Insufficient drift distance	> 343 miles	81	85.3%	88	92.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to lower headwaters	<= 284 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to lower headwaters	<= 343 miles	13	13.7%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	

6	20	Insufficient drift distance	> 343 miles	82	86.3%	89	93.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to lower headwaters	<= 284 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to lower headwaters	<= 343 miles	13	13.7%	6	6.3%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	21	Insufficient drift distance	> 343 miles	82	86.3%	89	93.7%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	
6	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to lower headwaters	<= 284 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to lower headwaters	<= 343 miles	16	16.8%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	22	Insufficient drift distance	> 343 miles	79	83.2%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	
6	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to lower headwaters	<= 284 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to lower headwaters	<= 343 miles	16	16.8%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	23	Insufficient drift distance	> 343 miles	79	83.2%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	
6	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to lower headwaters	<= 284 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to upper headwaters	<= 312 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to lower headwaters	<= 343 miles	16	16.8%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	24	Insufficient drift distance	> 343 miles	79	83.2%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	
6	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to lower headwaters	<= 284 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to upper headwaters	<= 312 miles	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to lower headwaters	<= 343 miles	16	16.8%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	25	Insufficient drift distance	> 343 miles	79	83.2%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	
6	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	26	Cartersville Diversion to lower headwaters	<= 284 miles	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	26	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	26	Yellowstone Diversion to lower headwaters	<= 343 miles	17	17.9%	10	10.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	26	Insufficient drift distance	> 343 miles	78	82.1%	85	89.5%	93	97.9%	94	98.9%	95	100.0%	95	100.0%	
6	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to lower headwaters	<= 284 miles	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	6	6.3%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	27	Insufficient drift distance	> 343 miles	76	80.0%	84	88.4%	91	95.8%	94	98.9%	95	100.0%	95	100.0%	
6	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to upper headwaters	<= 253 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to lower headwaters	<= 284 miles	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	11	11.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	28	Insufficient drift distance	> 343 miles	76	80.0%	84	88.4%	90	94.7%	94	98.9%	94	98.9%	95	100.0%	
6	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to upper headwaters	<= 253 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to lower headwaters	<= 284 miles	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to upper headwaters	<= 312 miles	15	15.8%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to lower headwaters	<= 343 miles	21	22.1%	12	12.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	29	Insufficient drift distance	> 343 miles	74	77.9%	83	87.4%	88	92.6%	94	98.9%	94	98.9%	95	100.0%	
6	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to lower headwaters	<= 284 miles	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to upper headwaters	<= 312 miles	16	16.8%	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to lower headwaters	<= 343 miles	22	23.2%	13	13.7%	8	8.4%	1	1.1%	0	0.0%	0	0.0%	
6	30	Insufficient drift distance	> 343 miles	73	76.8%	82	86.3%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	
7	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to upper headwaters	<= 253 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to upper headwaters	<= 312 miles	18	18.9%	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to lower headwaters	<= 343 miles	25	26.3%	14	14.7%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	1	Insufficient drift distance	> 343 miles	70	73.7%	81	85.3%	88	92.6%	93	97.9%	94	98.9%	95	100.0%	
7	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to upper headwaters	<= 253 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	2	Yellowstone Diversion to upper headwaters	<= 312 miles	19	20.0%	11	11.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	2	Yellowstone Diversion to lower headwaters	<= 343 miles	24	25.3%	15	15.8%	9	9.5%	2	2.1%	0	0.0%	0	0.0%	
7	2	Insufficient drift distance	> 343 miles	71	74.7%	80	84.2%	86	90.5%	93	97.9%	94	98.9%	95	100.0%	
7	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to upper headwaters	<= 253 miles	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	3	Yellowstone Diversion to upper headwaters	<= 312 miles	20	21.1%	13	13.7%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	3	Yellowstone Diversion to lower headwaters	<= 343 miles	24	25.3%	16	16.8%	10	10.5%	5	5.3%	1	1.1%	1	1.1%	
7	3	Insufficient drift distance	> 343 miles	71	74.7%	79	83.2%	85	89.5%	90	94.7%	94	98.9%	94	98.9%	
7	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to lower headwaters	<= 284 miles	17	17.9%	8	8.4%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
7	4	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	12	12.6%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
7	4	Yellowstone Diversion to lower headwaters	<= 343 miles	26	27.4%	18	18.9%	12	12.6%	6	6.3%	1	1.1%	1	1.1%	
7	4	Insufficient drift distance	> 343 miles	69	72.6%	77	81.1%	83	87.4%	89	93.7%	93	97.9%	94	98.9%	
7	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to lower headwaters	<= 284 miles	17	17.9%	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	5	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	12	12.6%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	
7	5	Yellowstone Diversion to lower headwaters	<= 343 miles	26	27.4%	19	20.0%	12	12.6%	8	8.4%	1	1.1%	1	1.1%	
7	5	Insufficient drift distance	> 343 miles	69	72.6%	76	80.0%	83	87.4%	87	91.6%	93	97.9%	94	98.9%	
7	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to lower headwaters	<= 284 miles	17	17.9%	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	6	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
7	6	Yellowstone Diversion to lower headwaters	<= 343 miles	28	29.5%	21	22.1%	12	12.6%	8	8.4%	1	1.1%	1	1.1%	
7	6	Insufficient drift distance	> 343 miles	67	70.5%	74	77.9%	83	87.4%	87	91.6%	91	95.8%	94	98.9%	
7	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	12	12.6%	7	7.4%	3	3.2%	0	0.0%	0	0.0%	
7	7	Yellowstone Diversion to upper headwaters	<= 312 miles	23	24.2%	15	15.8%	11	11.6%	5	5.3%	0	0.0%	0	0.0%	
7	7	Yellowstone Diversion to lower headwaters	<= 343 miles	29	30.5%	22	23.2%	13	13.7%	9	9.5%	1	1.1%	1	1.1%	
7	7	Insufficient drift distance	> 343 miles	66	69.5%	73	76.8%	82	86.3%	86	90.5%	91	95.8%	94	98.9%	
7	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	8	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	8	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	13	13.7%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	
7	8	Yellowstone Diversion to upper headwaters	<= 312 miles	23	24.2%	15	15.8%	11	11.6%	7	7.4%	1	1.1%	1	1.1%	
7	8	Yellowstone Diversion to lower headwaters	<= 343 miles	29	30.5%	22	23.2%	13	13.7%	11	11.6%	4	4.2%	3	3.2%	
7	8	Insufficient drift distance	> 343 miles	66	69.5%	73	76.8%	82	86.3%	84	88.4%	88	92.6%	92	96.8%	
7	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	10	10.5%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
7	9	Yellowstone Diversion to upper headwaters	<= 312 miles	23	24.2%	17	17.9%	13	13.7%	8	8.4%	1	1.1%	1	1.1%	
7	9	Yellowstone Diversion to lower headwaters	<= 343 miles	31	32.6%	23	24.2%	14	14.7%	11	11.6%	4	4.2%	4	4.2%	
7	9	Insufficient drift distance	> 343 miles	64	67.4%	72	75.8%	81	85.3%	84	88.4%	87	91.6%	91	95.8%	
7	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to upper headwaters	<= 253 miles	14	14.7%	11	11.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	13	13.7%	11	11.6%	5	5.3%	0	0.0%	0	0.0%	
7	10	Yellowstone Diversion to upper headwaters	<= 312 miles	24	25.3%	17	17.9%	13	13.7%	9	9.5%	1	1.1%	1	1.1%	
7	10	Yellowstone Diversion to lower headwaters	<= 343 miles	35	36.8%	23	24.2%	16	16.8%	12	12.6%	4	4.2%	4	4.2%	
7	10	Insufficient drift distance	> 343 miles	60	63.2%	72	75.8%	79	83.2%	83	87.4%	86	90.5%	91	95.8%	
7	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	14	14.7%	12	12.6%	6	6.3%	0	0.0%	0	0.0%	
7	11	Yellowstone Diversion to upper headwaters	<= 312 miles	26	27.4%	19	20.0%	13	13.7%	11	11.6%	2	2.1%	2	2.1%	
7	11	Yellowstone Diversion to lower headwaters	<= 343 miles	37	38.9%	23	24.2%	17	17.9%	13	13.7%	5	5.3%	4	4.2%	
7	11	Insufficient drift distance	> 343 miles	58	61.1%	72	75.8%	78	82.1%	82	86.3%	86	90.5%	91	95.8%	
7	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to upper headwaters	<= 253 miles	16	16.8%	12	12.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	15	15.8%	12	12.6%	8	8.4%	0	0.0%	0	0.0%	
7	12	Yellowstone Diversion to upper headwaters	<= 312 miles	29	30.5%	21	22.1%	13	13.7%	11	11.6%	2	2.1%	2	2.1%	
7	12	Yellowstone Diversion to lower headwaters	<= 343 miles	40	42.1%	24	25.3%	17	17.9%	13	13.7%	7	7.4%	6	6.3%	
7	12	Insufficient drift distance	> 343 miles	55	57.9%	71	74.7%	78	82.1%	82	86.3%	84	88.4%	89	93.7%	
7	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to upper headwaters	<= 253 miles	18	18.9%	12	12.6%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to lower headwaters	<= 284 miles	23	24.2%	16	16.8%	12	12.6%	8	8.4%	0	0.0%	1	1.1%	
7	13	Yellowstone Diversion to upper headwaters	<= 312 miles	32	33.7%	21	22.1%	14	14.7%	12	12.6%	2	2.1%	2	2.1%	
7	13	Yellowstone Diversion to lower headwaters	<= 343 miles	42	44.2%	26	27.4%	19	20.0%	13	13.7%	7	7.4%	8	8.4%	
7	13	Insufficient drift distance	> 343 miles	53	55.8%	69	72.6%	76	80.0%	82	86.3%	83	87.4%	87	91.6%	
7	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	12	12.6%	9	9.5%	2	2.1%	0	0.0%	0	0.0%	

7	14	Cartersville Diversion to lower headwaters	<= 284 miles	24	25.3%	18	18.9%	12	12.6%	9	9.5%	1	1.1%	2	2.1%	
7	14	Yellowstone Diversion to upper headwaters	<= 312 miles	34	35.8%	22	23.2%	16	16.8%	12	12.6%	2	2.1%	2	2.1%	
7	14	Yellowstone Diversion to lower headwaters	<= 343 miles	41	43.2%	28	29.5%	21	22.1%	14	14.7%	9	9.5%	8	8.4%	
7	14	Insufficient drift distance	> 343 miles	54	56.8%	67	70.5%	74	77.9%	81	85.3%	83	87.4%	87	91.6%	
7	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	13	13.7%	11	11.6%	2	2.1%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	19	20.0%	12	12.6%	11	11.6%	2	2.1%	2	2.1%	
7	15	Yellowstone Diversion to upper headwaters	<= 312 miles	35	36.8%	23	24.2%	18	18.9%	12	12.6%	2	2.1%	2	2.1%	
7	15	Yellowstone Diversion to lower headwaters	<= 343 miles	44	46.3%	31	32.6%	22	23.2%	15	15.8%	9	9.5%	9	9.5%	
7	15	Insufficient drift distance	> 343 miles	51	53.7%	64	67.4%	73	76.8%	80	84.2%	83	87.4%	86	90.5%	
7	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to upper headwaters	<= 253 miles	21	22.1%	13	13.7%	10	10.5%	3	3.2%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	19	20.0%	13	13.7%	10	10.5%	2	2.1%	2	2.1%	
7	16	Yellowstone Diversion to upper headwaters	<= 312 miles	38	40.0%	26	27.4%	19	20.0%	12	12.6%	4	4.2%	4	4.2%	
7	16	Yellowstone Diversion to lower headwaters	<= 343 miles	47	49.5%	33	34.7%	22	23.2%	18	18.9%	10	10.5%	11	11.6%	
7	16	Insufficient drift distance	> 343 miles	48	50.5%	62	65.3%	73	76.8%	77	81.1%	83	87.4%	84	88.4%	
7	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to upper headwaters	<= 253 miles	21	22.1%	15	15.8%	10	10.5%	5	5.3%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to lower headwaters	<= 284 miles	32	33.7%	21	22.1%	15	15.8%	10	10.5%	2	2.1%	2	2.1%	
7	17	Yellowstone Diversion to upper headwaters	<= 312 miles	38	40.0%	26	27.4%	19	20.0%	12	12.6%	5	5.3%	6	6.3%	
7	17	Yellowstone Diversion to lower headwaters	<= 343 miles	47	49.5%	34	35.8%	23	24.2%	18	18.9%	10	10.5%	10	10.5%	
7	17	Insufficient drift distance	> 343 miles	48	50.5%	61	64.2%	72	75.8%	77	81.1%	83	87.4%	85	89.5%	
7	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Cartersville Diversion to upper headwaters	<= 253 miles	22	23.2%	18	18.9%	10	10.5%	6	6.3%	0	0.0%	1	1.1%	
7	18	Cartersville Diversion to lower headwaters	<= 284 miles	31	32.6%	20	21.1%	16	16.8%	10	10.5%	2	2.1%	2	2.1%	
7	18	Yellowstone Diversion to upper headwaters	<= 312 miles	40	42.1%	26	27.4%	20	21.1%	15	15.8%	7	7.4%	7	7.4%	
7	18	Yellowstone Diversion to lower headwaters	<= 343 miles	47	49.5%	36	37.9%	26	27.4%	18	18.9%	10	10.5%	10	10.5%	
7	18	Insufficient drift distance	> 343 miles	48	50.5%	59	62.1%	69	72.6%	77	81.1%	81	85.3%	85	89.5%	
7	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	17	17.9%	11	11.6%	6	6.3%	0	0.0%	2	2.1%	
7	19	Cartersville Diversion to lower headwaters	<= 284 miles	32	33.7%	21	22.1%	18	18.9%	10	10.5%	2	2.1%	2	2.1%	
7	19	Yellowstone Diversion to upper headwaters	<= 312 miles	42	44.2%	30	31.6%	20	21.1%	16	16.8%	7	7.4%	7	7.4%	
7	19	Yellowstone Diversion to lower headwaters	<= 343 miles	50	52.6%	37	38.9%	26	27.4%	20	21.1%	10	10.5%	10	10.5%	
7	19	Insufficient drift distance	> 343 miles	45	47.4%	58	61.1%	69	72.6%	75	78.9%	80	84.2%	85	89.5%	
7	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	19	20.0%	11	11.6%	8	8.4%	0	0.0%	2	2.1%	
7	20	Cartersville Diversion to lower headwaters	<= 284 miles	34	35.8%	24	25.3%	17	17.9%	11	11.6%	3	3.2%	4	4.2%	

7	20	Yellowstone Diversion to upper headwaters	<= 312 miles	43	45.3%	30	31.6%	21	22.1%	17	17.9%	9	9.5%	9	9.5%	
7	20	Yellowstone Diversion to lower headwaters	<= 343 miles	54	56.8%	38	40.0%	30	31.6%	20	21.1%	11	11.6%	10	10.5%	
7	20	Insufficient drift distance	> 343 miles	41	43.2%	57	60.0%	65	68.4%	75	78.9%	77	81.1%	85	89.5%	
7	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to upper headwaters	<= 253 miles	27	28.4%	19	20.0%	11	11.6%	9	9.5%	0	0.0%	2	2.1%	
7	21	Cartersville Diversion to lower headwaters	<= 284 miles	37	38.9%	24	25.3%	19	20.0%	11	11.6%	4	4.2%	5	5.3%	
7	21	Yellowstone Diversion to upper headwaters	<= 312 miles	43	45.3%	32	33.7%	23	24.2%	18	18.9%	9	9.5%	9	9.5%	
7	21	Yellowstone Diversion to lower headwaters	<= 343 miles	58	61.1%	39	41.1%	30	31.6%	21	22.1%	11	11.6%	11	11.6%	
7	21	Insufficient drift distance	> 343 miles	37	38.9%	56	58.9%	65	68.4%	74	77.9%	78	82.1%	84	88.4%	
7	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to upper headwaters	<= 253 miles	29	30.5%	19	20.0%	13	13.7%	10	10.5%	0	0.0%	3	3.2%	
7	22	Cartersville Diversion to lower headwaters	<= 284 miles	38	40.0%	27	28.4%	19	20.0%	13	13.7%	5	5.3%	5	5.3%	
7	22	Yellowstone Diversion to upper headwaters	<= 312 miles	46	48.4%	33	34.7%	24	25.3%	19	20.0%	10	10.5%	9	9.5%	
7	22	Yellowstone Diversion to lower headwaters	<= 343 miles	60	63.2%	41	43.2%	30	31.6%	24	25.3%	13	13.7%	11	11.6%	
7	22	Insufficient drift distance	> 343 miles	35	36.8%	54	56.8%	65	68.4%	71	74.7%	76	80.0%	84	88.4%	
7	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Intake Diversion to lower headwaters	<= 116 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to upper headwaters	<= 253 miles	30	31.6%	20	21.1%	14	14.7%	10	10.5%	0	0.0%	3	3.2%	
7	23	Cartersville Diversion to lower headwaters	<= 284 miles	41	43.2%	29	30.5%	20	21.1%	14	14.7%	5	5.3%	5	5.3%	
7	23	Yellowstone Diversion to upper headwaters	<= 312 miles	47	49.5%	37	38.9%	25	26.3%	19	20.0%	10	10.5%	10	10.5%	
7	23	Yellowstone Diversion to lower headwaters	<= 343 miles	63	66.3%	43	45.3%	33	34.7%	23	24.2%	13	13.7%	13	13.7%	
7	23	Insufficient drift distance	> 343 miles	32	33.7%	52	54.7%	62	65.3%	72	75.8%	76	80.0%	82	86.3%	
7	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Intake Diversion to lower headwaters	<= 116 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Cartersville Diversion to upper headwaters	<= 253 miles	32	33.7%	23	24.2%	16	16.8%	10	10.5%	0	0.0%	3	3.2%	
7	24	Cartersville Diversion to lower headwaters	<= 284 miles	42	44.2%	30	31.6%	20	21.1%	16	16.8%	6	6.3%	8	8.4%	
7	24	Yellowstone Diversion to upper headwaters	<= 312 miles	53	55.8%	38	40.0%	26	27.4%	20	21.1%	10	10.5%	10	10.5%	
7	24	Yellowstone Diversion to lower headwaters	<= 343 miles	63	66.3%	45	47.4%	34	35.8%	25	26.3%	14	14.7%	15	15.8%	
7	24	Insufficient drift distance	> 343 miles	32	33.7%	50	52.6%	61	64.2%	70	73.7%	76	80.0%	80	84.2%	
7	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Cartersville Diversion to upper headwaters	<= 253 miles	33	34.7%	24	25.3%	16	16.8%	11	11.6%	0	0.0%	4	4.2%	
7	25	Cartersville Diversion to lower headwaters	<= 284 miles	43	45.3%	31	32.6%	23	24.2%	17	17.9%	8	8.4%	8	8.4%	
7	25	Yellowstone Diversion to upper headwaters	<= 312 miles	55	57.9%	40	42.1%	30	31.6%	21	22.1%	11	11.6%	10	10.5%	
7	25	Yellowstone Diversion to lower headwaters	<= 343 miles	66	69.5%	46	48.4%	38	40.0%	27	28.4%	16	16.8%	16	16.8%	
7	25	Insufficient drift distance	> 343 miles	29	30.5%	49	51.6%	57	60.0%	68	71.6%	75	78.9%	79	83.2%	
7	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Cartersville Diversion to upper headwaters	<= 253 miles	38	40.0%	25	26.3%	17	17.9%	12	12.6%	0	0.0%	5	5.3%	
7	26	Cartersville Diversion to lower headwaters	<= 284 miles	44	46.3%	33	34.7%	24	25.3%	18	18.9%	8	8.4%	9	9.5%	
7	26	Yellowstone Diversion to upper headwaters	<= 312 miles	61	64.2%	41	43.2%	30	31.6%	23	24.2%	12	12.6%	12	12.6%	

7	26	Yellowstone Diversion to lower headwaters	<= 343 miles	71	74.7%	51	53.7%	40	42.1%	29	30.5%	18	18.9%	17	17.9%	
7	26	Insufficient drift distance	> 343 miles	24	25.3%	44	46.3%	55	57.9%	66	69.5%	73	76.8%	78	82.1%	
7	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Cartersville Diversion to upper headwaters	<= 253 miles	39	41.1%	26	27.4%	19	20.0%	12	12.6%	0	0.0%	5	5.3%	
7	27	Cartersville Diversion to lower headwaters	<= 284 miles	48	50.5%	38	40.0%	26	27.4%	19	20.0%	9	9.5%	9	9.5%	
7	27	Yellowstone Diversion to upper headwaters	<= 312 miles	62	65.3%	42	44.2%	30	31.6%	23	24.2%	12	12.6%	12	12.6%	
7	27	Yellowstone Diversion to lower headwaters	<= 343 miles	74	77.9%	54	56.8%	41	43.2%	29	30.5%	19	20.0%	19	20.0%	
7	27	Insufficient drift distance	> 343 miles	21	22.1%	41	43.2%	54	56.8%	66	69.5%	72	75.8%	76	80.0%	
7	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Cartersville Diversion to upper headwaters	<= 253 miles	40	42.1%	26	27.4%	20	21.1%	12	12.6%	0	0.0%	7	7.4%	
7	28	Cartersville Diversion to lower headwaters	<= 284 miles	49	51.6%	39	41.1%	26	27.4%	19	20.0%	9	9.5%	9	9.5%	
7	28	Yellowstone Diversion to upper headwaters	<= 312 miles	67	70.5%	44	46.3%	35	36.8%	25	26.3%	13	13.7%	13	13.7%	
7	28	Yellowstone Diversion to lower headwaters	<= 343 miles	74	77.9%	58	61.1%	42	44.2%	30	31.6%	19	20.0%	19	20.0%	
7	28	Insufficient drift distance	> 343 miles	21	22.1%	37	38.9%	53	55.8%	65	68.4%	72	75.8%	76	80.0%	
7	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Cartersville Diversion to upper headwaters	<= 253 miles	42	44.2%	26	27.4%	20	21.1%	13	13.7%	0	0.0%	7	7.4%	
7	29	Cartersville Diversion to lower headwaters	<= 284 miles	51	53.7%	39	41.1%	26	27.4%	20	21.1%	8	8.4%	9	9.5%	
7	29	Yellowstone Diversion to upper headwaters	<= 312 miles	68	71.6%	47	49.5%	37	38.9%	25	26.3%	13	13.7%	13	13.7%	
7	29	Yellowstone Diversion to lower headwaters	<= 343 miles	76	80.0%	61	64.2%	43	45.3%	35	36.8%	20	21.1%	20	21.1%	
7	29	Insufficient drift distance	> 343 miles	19	20.0%	34	35.8%	52	54.7%	60	63.2%	70	73.7%	75	78.9%	
7	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Cartersville Diversion to upper headwaters	<= 253 miles	43	45.3%	27	28.4%	20	21.1%	13	13.7%	0	0.0%	7	7.4%	
7	30	Cartersville Diversion to lower headwaters	<= 284 miles	58	61.1%	42	44.2%	26	27.4%	20	21.1%	9	9.5%	10	10.5%	
7	30	Yellowstone Diversion to upper headwaters	<= 312 miles	69	72.6%	48	50.5%	39	41.1%	26	27.4%	14	14.7%	14	14.7%	
7	30	Yellowstone Diversion to lower headwaters	<= 343 miles	77	81.1%	64	67.4%	44	46.3%	37	38.9%	19	20.0%	20	21.1%	
7	30	Insufficient drift distance	> 343 miles	18	18.9%	31	32.6%	51	53.7%	58	61.1%	69	72.6%	75	78.9%	
7	31	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Intake Diversion to lower headwaters	<= 116 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Cartersville Diversion to upper headwaters	<= 253 miles	45	47.4%	28	29.5%	20	21.1%	12	12.6%	0	0.0%	7	7.4%	
7	31	Cartersville Diversion to lower headwaters	<= 284 miles	62	65.3%	42	44.2%	27	28.4%	21	22.1%	10	10.5%	10	10.5%	
7	31	Yellowstone Diversion to upper headwaters	<= 312 miles	70	73.7%	49	51.6%	41	43.2%	26	27.4%	14	14.7%	14	14.7%	
7	31	Yellowstone Diversion to lower headwaters	<= 343 miles	77	81.1%	67	70.5%	47	49.5%	39	41.1%	21	22.1%	20	21.1%	
7	31	Insufficient drift distance	> 343 miles	18	18.9%	28	29.5%	48	50.5%	56	58.9%	69	72.6%	75	78.9%	

Table 8. Summarized number of estimated drift distances less than specified distance for the trailing edge of the slowest drifters using the Sidney gage rating curve for each calendar date of the 95 year period of record. The date (month and day) represent the end of the expected drift period. For example, a drift completed on 6-15 would have begun 8, 9, 10, 11, or 12 days earlier. Counts represent the number of years with of estimated drift distances less than distance for each category. Final column has blackened cells for likely spawning period. Green highlighted columns represent the minimum expected drift time for the maximum average water temperature and the yellow highlighted cells represent the average water temperature for the average length drift time.

				7 day		8 day		9 day		10 day		11 day		12 day		
Month	**Day**	**Description**	**Distance (miles)**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Peak Spawning Period**
6	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to upper headwaters	<= 253 miles	27	28.4%	10	10.5%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to lower headwaters	<= 284 miles	51	53.7%	23	24.2%	11	11.6%	6	6.3%	2	2.1%	2	2.1%	
6	1	Yellowstone Diversion to upper headwaters	<= 312 miles	65	68.4%	42	44.2%	22	23.2%	12	12.6%	2	2.1%	2	2.1%	
6	1	Yellowstone Diversion to lower headwaters	<= 343 miles	78	82.1%	63	66.3%	38	40.0%	22	23.2%	7	7.4%	8	8.4%	
6	1	Insufficient drift distance	> 343 miles	17	17.9%	32	33.7%	57	60.0%	73	76.8%	83	87.4%	87	91.6%	
6	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to upper headwaters	<= 253 miles	22	23.2%	9	9.5%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to lower headwaters	<= 284 miles	48	50.5%	21	22.1%	10	10.5%	6	6.3%	1	1.1%	2	2.1%	
6	2	Yellowstone Diversion to upper headwaters	<= 312 miles	62	65.3%	39	41.1%	18	18.9%	10	10.5%	2	2.1%	2	2.1%	
6	2	Yellowstone Diversion to lower headwaters	<= 343 miles	78	82.1%	60	63.2%	36	37.9%	18	18.9%	6	6.3%	6	6.3%	
6	2	Insufficient drift distance	> 343 miles	17	17.9%	35	36.8%	59	62.1%	77	81.1%	85	89.5%	89	93.7%	
6	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	7	7.4%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to lower headwaters	<= 284 miles	46	48.4%	19	20.0%	7	7.4%	5	5.3%	1	1.1%	2	2.1%	
6	3	Yellowstone Diversion to upper headwaters	<= 312 miles	59	62.1%	35	36.8%	13	13.7%	7	7.4%	2	2.1%	2	2.1%	
6	3	Yellowstone Diversion to lower headwaters	<= 343 miles	77	81.1%	57	60.0%	31	32.6%	12	12.6%	5	5.3%	6	6.3%	
6	3	Insufficient drift distance	> 343 miles	18	18.9%	38	40.0%	64	67.4%	83	87.4%	88	92.6%	89	93.7%	
6	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to upper headwaters	<= 253 miles	17	17.9%	6	6.3%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to lower headwaters	<= 284 miles	38	40.0%	16	16.8%	6	6.3%	5	5.3%	1	1.1%	1	1.1%	
6	4	Yellowstone Diversion to upper headwaters	<= 312 miles	57	60.0%	32	33.7%	10	10.5%	6	6.3%	2	2.1%	2	2.1%	
6	4	Yellowstone Diversion to lower headwaters	<= 343 miles	74	77.9%	54	56.8%	27	28.4%	11	11.6%	5	5.3%	5	5.3%	
6	4	Insufficient drift distance	> 343 miles	21	22.1%	41	43.2%	68	71.6%	84	88.4%	89	93.7%	90	94.7%	
6	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to upper headwaters	<= 253 miles	14	14.7%	6	6.3%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to lower headwaters	<= 284 miles	36	37.9%	12	12.6%	6	6.3%	5	5.3%	0	0.0%	1	1.1%	
6	5	Yellowstone Diversion to upper headwaters	<= 312 miles	52	54.7%	31	32.6%	8	8.4%	6	6.3%	2	2.1%	2	2.1%	
6	5	Yellowstone Diversion to lower headwaters	<= 343 miles	73	76.8%	48	50.5%	27	28.4%	9	9.5%	5	5.3%	5	5.3%	
6	5	Insufficient drift distance	> 343 miles	22	23.2%	47	49.5%	68	71.6%	86	90.5%	89	93.7%	90	94.7%	
6	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to upper headwaters	<= 253 miles	16	16.8%	6	6.3%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to lower headwaters	<= 284 miles	32	33.7%	11	11.6%	6	6.3%	5	5.3%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to upper headwaters	<= 312 miles	49	51.6%	28	29.5%	9	9.5%	6	6.3%	2	2.1%	2	2.1%	
6	6	Yellowstone Diversion to lower headwaters	<= 343 miles	70	73.7%	46	48.4%	27	28.4%	8	8.4%	5	5.3%	5	5.3%	
6	6	Insufficient drift distance	> 343 miles	25	26.3%	49	51.6%	68	71.6%	87	91.6%	89	93.7%	90	94.7%	
6	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to upper headwaters	<= 253 miles	16	16.8%	6	6.3%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to lower headwaters	<= 284 miles	31	32.6%	14	14.7%	5	5.3%	5	5.3%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to upper headwaters	<= 312 miles	48	50.5%	25	26.3%	9	9.5%	5	5.3%	1	1.1%	2	2.1%	
6	7	Yellowstone Diversion to lower headwaters	<= 343 miles	64	67.4%	44	46.3%	24	25.3%	8	8.4%	5	5.3%	5	5.3%	
6	7	Insufficient drift distance	> 343 miles	31	32.6%	51	53.7%	71	74.7%	87	91.6%	89	93.7%	90	94.7%	
6	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to upper headwaters	<= 253 miles	16	16.8%	6	6.3%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to lower headwaters	<= 284 miles	32	33.7%	16	16.8%	6	6.3%	4	4.2%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to upper headwaters	<= 312 miles	43	45.3%	25	26.3%	11	11.6%	5	5.3%	1	1.1%	1	1.1%	
6	8	Yellowstone Diversion to lower headwaters	<= 343 miles	62	65.3%	39	41.1%	22	23.2%	8	8.4%	4	4.2%	5	5.3%	
6	8	Insufficient drift distance	> 343 miles	33	34.7%	56	58.9%	73	76.8%	87	91.6%	90	94.7%	90	94.7%	
6	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to upper headwaters	<= 253 miles	17	17.9%	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to lower headwaters	<= 284 miles	30	31.6%	16	16.8%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to upper headwaters	<= 312 miles	44	46.3%	24	25.3%	14	14.7%	5	5.3%	1	1.1%	1	1.1%	

6	9	Yellowstone Diversion to lower headwaters	<= 343 miles	60	63.2%	35	36.8%	21	22.1%	10	10.5%	2	2.1%	3	3.2%	
6	9	Insufficient drift distance	> 343 miles	35	36.8%	60	63.2%	74	77.9%	85	89.5%	90	94.7%	92	96.8%	
6	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to upper headwaters	<= 253 miles	17	17.9%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to lower headwaters	<= 284 miles	29	30.5%	14	14.7%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to upper headwaters	<= 312 miles	45	47.4%	22	23.2%	13	13.7%	5	5.3%	1	1.1%	1	1.1%	
6	10	Yellowstone Diversion to lower headwaters	<= 343 miles	56	58.9%	36	37.9%	22	23.2%	12	12.6%	2	2.1%	2	2.1%	
6	10	Insufficient drift distance	> 343 miles	39	41.1%	59	62.1%	73	76.8%	83	87.4%	89	93.7%	93	97.9%	
6	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to lower headwaters	<= 284 miles	29	30.5%	12	12.6%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to upper headwaters	<= 312 miles	43	45.3%	22	23.2%	13	13.7%	3	3.2%	1	1.1%	1	1.1%	
6	11	Yellowstone Diversion to lower headwaters	<= 343 miles	55	57.9%	35	36.8%	21	22.1%	12	12.6%	2	2.1%	2	2.1%	
6	11	Insufficient drift distance	> 343 miles	40	42.1%	60	63.2%	74	77.9%	83	87.4%	92	96.8%	93	97.9%	
6	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to upper headwaters	<= 253 miles	14	14.7%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	13	13.7%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to upper headwaters	<= 312 miles	41	43.2%	22	23.2%	10	10.5%	3	3.2%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to lower headwaters	<= 343 miles	54	56.8%	32	33.7%	21	22.1%	10	10.5%	2	2.1%	2	2.1%	
6	12	Insufficient drift distance	> 343 miles	41	43.2%	63	66.3%	74	77.9%	85	89.5%	92	96.8%	93	97.9%	
6	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	5	5.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	12	12.6%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to upper headwaters	<= 312 miles	40	42.1%	20	21.1%	10	10.5%	5	5.3%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to lower headwaters	<= 343 miles	54	56.8%	33	34.7%	18	18.9%	9	9.5%	2	2.1%	2	2.1%	
6	13	Insufficient drift distance	> 343 miles	41	43.2%	62	65.3%	77	81.1%	86	90.5%	90	94.7%	93	97.9%	
6	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	5	5.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	12	12.6%	5	5.3%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	18	18.9%	9	9.5%	5	5.3%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to lower headwaters	<= 343 miles	53	55.8%	32	33.7%	16	16.8%	9	9.5%	1	1.1%	1	1.1%	
6	14	Insufficient drift distance	> 343 miles	42	44.2%	63	66.3%	79	83.2%	86	90.5%	90	94.7%	94	98.9%	
6	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	15	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	15	Cartersville Diversion to lower headwaters	<= 284 miles	25	26.3%	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	15	15.8%	10	10.5%	5	5.3%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to lower headwaters	<= 343 miles	51	53.7%	32	33.7%	14	14.7%	10	10.5%	0	0.0%	1	1.1%	
6	15	Insufficient drift distance	> 343 miles	44	46.3%	63	66.3%	81	85.3%	85	89.5%	90	94.7%	94	98.9%	
6	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to upper headwaters	<= 253 miles	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to upper headwaters	<= 312 miles	35	36.8%	16	16.8%	10	10.5%	4	4.2%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to lower headwaters	<= 343 miles	49	51.6%	31	32.6%	14	14.7%	10	10.5%	1	1.1%	0	0.0%	
6	16	Insufficient drift distance	> 343 miles	46	48.4%	64	67.4%	81	85.3%	85	89.5%	91	95.8%	95	100.0%	
6	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to upper headwaters	<= 253 miles	9	9.5%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to upper headwaters	<= 312 miles	36	37.9%	17	17.9%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to lower headwaters	<= 343 miles	48	50.5%	31	32.6%	12	12.6%	10	10.5%	1	1.1%	1	1.1%	
6	17	Insufficient drift distance	> 343 miles	47	49.5%	64	67.4%	83	87.4%	85	89.5%	91	95.8%	94	98.9%	
6	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	9	9.5%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	15	15.8%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to lower headwaters	<= 343 miles	47	49.5%	33	34.7%	14	14.7%	8	8.4%	1	1.1%	1	1.1%	
6	18	Insufficient drift distance	> 343 miles	48	50.5%	62	65.3%	81	85.3%	87	91.6%	91	95.8%	94	98.9%	
6	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	15	15.8%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to lower headwaters	<= 343 miles	46	48.4%	32	33.7%	15	15.8%	8	8.4%	1	1.1%	1	1.1%	
6	19	Insufficient drift distance	> 343 miles	49	51.6%	63	66.3%	80	84.2%	87	91.6%	91	95.8%	94	98.9%	
6	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to upper headwaters	<= 312 miles	36	37.9%	17	17.9%	8	8.4%	3	3.2%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to lower headwaters	<= 343 miles	45	47.4%	31	32.6%	15	15.8%	7	7.4%	1	1.1%	1	1.1%	

6	20	Insufficient drift distance	> 343 miles	50	52.6%	64	67.4%	80	84.2%	88	92.6%	91	95.8%	94	98.9%	
6	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to upper headwaters	<= 312 miles	33	34.7%	17	17.9%	10	10.5%	3	3.2%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to lower headwaters	<= 343 miles	44	46.3%	29	30.5%	12	12.6%	8	8.4%	1	1.1%	1	1.1%	
6	21	Insufficient drift distance	> 343 miles	51	53.7%	66	69.5%	83	87.4%	87	91.6%	92	96.8%	94	98.9%	
6	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to upper headwaters	<= 312 miles	31	32.6%	17	17.9%	10	10.5%	3	3.2%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to lower headwaters	<= 343 miles	45	47.4%	29	30.5%	13	13.7%	10	10.5%	1	1.1%	1	1.1%	
6	22	Insufficient drift distance	> 343 miles	50	52.6%	66	69.5%	82	86.3%	85	89.5%	92	96.8%	94	98.9%	
6	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	10	10.5%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to upper headwaters	<= 312 miles	34	35.8%	18	18.9%	10	10.5%	4	4.2%	1	1.1%	1	1.1%	
6	23	Yellowstone Diversion to lower headwaters	<= 343 miles	44	46.3%	30	31.6%	15	15.8%	10	10.5%	1	1.1%	1	1.1%	
6	23	Insufficient drift distance	> 343 miles	51	53.7%	65	68.4%	80	84.2%	85	89.5%	92	96.8%	94	98.9%	
6	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	11	11.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to upper headwaters	<= 312 miles	33	34.7%	19	20.0%	10	10.5%	5	5.3%	1	1.1%	1	1.1%	
6	24	Yellowstone Diversion to lower headwaters	<= 343 miles	46	48.4%	30	31.6%	17	17.9%	10	10.5%	1	1.1%	1	1.1%	
6	24	Insufficient drift distance	> 343 miles	49	51.6%	65	68.4%	78	82.1%	85	89.5%	91	95.8%	94	98.9%	
6	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to upper headwaters	<= 253 miles	14	14.7%	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to lower headwaters	<= 284 miles	23	24.2%	13	13.7%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to upper headwaters	<= 312 miles	34	35.8%	20	21.1%	11	11.6%	7	7.4%	1	1.1%	1	1.1%	
6	25	Yellowstone Diversion to lower headwaters	<= 343 miles	46	48.4%	29	30.5%	17	17.9%	10	10.5%	1	1.1%	1	1.1%	
6	25	Insufficient drift distance	> 343 miles	49	51.6%	66	69.5%	78	82.1%	85	89.5%	90	94.7%	94	98.9%	
6	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	

6	26	Cartersville Diversion to lower headwaters	<= 284 miles	26	27.4%	12	12.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	26	Yellowstone Diversion to upper headwaters	<= 312 miles	38	40.0%	18	18.9%	12	12.6%	6	6.3%	1	1.1%	1	1.1%	
6	26	Yellowstone Diversion to lower headwaters	<= 343 miles	47	49.5%	29	30.5%	16	16.8%	10	10.5%	1	1.1%	1	1.1%	
6	26	Insufficient drift distance	> 343 miles	48	50.5%	66	69.5%	79	83.2%	85	89.5%	89	93.7%	94	98.9%	
6	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	13	13.7%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	20	21.1%	12	12.6%	7	7.4%	1	1.1%	1	1.1%	
6	27	Yellowstone Diversion to lower headwaters	<= 343 miles	47	49.5%	29	30.5%	17	17.9%	12	12.6%	1	1.1%	1	1.1%	
6	27	Insufficient drift distance	> 343 miles	48	50.5%	66	69.5%	78	82.1%	83	87.4%	88	92.6%	94	98.9%	
6	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to upper headwaters	<= 253 miles	17	17.9%	9	9.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	15	15.8%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to upper headwaters	<= 312 miles	38	40.0%	21	22.1%	13	13.7%	7	7.4%	1	1.1%	1	1.1%	
6	28	Yellowstone Diversion to lower headwaters	<= 343 miles	48	50.5%	32	33.7%	19	20.0%	12	12.6%	2	2.1%	2	2.1%	
6	28	Insufficient drift distance	> 343 miles	47	49.5%	63	66.3%	76	80.0%	83	87.4%	88	92.6%	93	97.9%	
6	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to upper headwaters	<= 253 miles	17	17.9%	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	17	17.9%	10	10.5%	3	3.2%	0	0.0%	1	1.1%	
6	29	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	23	24.2%	13	13.7%	8	8.4%	1	1.1%	1	1.1%	
6	29	Yellowstone Diversion to lower headwaters	<= 343 miles	50	52.6%	29	30.5%	19	20.0%	13	13.7%	2	2.1%	2	2.1%	
6	29	Insufficient drift distance	> 343 miles	45	47.4%	66	69.5%	76	80.0%	82	86.3%	87	91.6%	93	97.9%	
6	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	17	17.9%	10	10.5%	4	4.2%	1	1.1%	1	1.1%	
6	30	Yellowstone Diversion to upper headwaters	<= 312 miles	39	41.1%	25	26.3%	16	16.8%	9	9.5%	1	1.1%	1	1.1%	
6	30	Yellowstone Diversion to lower headwaters	<= 343 miles	52	54.7%	30	31.6%	21	22.1%	13	13.7%	3	3.2%	3	3.2%	
6	30	Insufficient drift distance	> 343 miles	43	45.3%	65	68.4%	74	77.9%	82	86.3%	87	91.6%	92	96.8%	
7	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to upper headwaters	<= 253 miles	20	21.1%	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	19	20.0%	11	11.6%	5	5.3%	1	1.1%	1	1.1%	
7	1	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	26	27.4%	16	16.8%	10	10.5%	1	1.1%	1	1.1%	
7	1	Yellowstone Diversion to lower headwaters	<= 343 miles	52	54.7%	30	31.6%	24	25.3%	16	16.8%	5	5.3%	5	5.3%	
7	1	Insufficient drift distance	> 343 miles	43	45.3%	65	68.4%	71	74.7%	79	83.2%	85	89.5%	90	94.7%	
7	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to upper headwaters	<= 253 miles	22	23.2%	14	14.7%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	20	21.1%	12	12.6%	7	7.4%	1	1.1%	1	1.1%	
7	2	Yellowstone Diversion to upper headwaters	<= 312 miles	38	40.0%	27	28.4%	17	17.9%	11	11.6%	2	2.1%	2	2.1%	
7	2	Yellowstone Diversion to lower headwaters	<= 343 miles	52	54.7%	34	35.8%	25	26.3%	16	16.8%	6	6.3%	6	6.3%	
7	2	Insufficient drift distance	> 343 miles	43	45.3%	61	64.2%	70	73.7%	79	83.2%	85	89.5%	89	93.7%	
7	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	14	14.7%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to lower headwaters	<= 284 miles	30	31.6%	21	22.1%	14	14.7%	8	8.4%	1	1.1%	1	1.1%	
7	3	Yellowstone Diversion to upper headwaters	<= 312 miles	40	42.1%	27	28.4%	20	21.1%	13	13.7%	2	2.1%	2	2.1%	
7	3	Yellowstone Diversion to lower headwaters	<= 343 miles	53	55.8%	35	36.8%	25	26.3%	17	17.9%	7	7.4%	7	7.4%	
7	3	Insufficient drift distance	> 343 miles	42	44.2%	60	63.2%	70	73.7%	78	82.1%	84	88.4%	88	92.6%	
7	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	16	16.8%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to lower headwaters	<= 284 miles	30	31.6%	24	25.3%	14	14.7%	8	8.4%	1	1.1%	1	1.1%	
7	4	Yellowstone Diversion to upper headwaters	<= 312 miles	43	45.3%	28	29.5%	21	22.1%	14	14.7%	5	5.3%	5	5.3%	
7	4	Yellowstone Diversion to lower headwaters	<= 343 miles	56	58.9%	36	37.9%	27	28.4%	19	20.0%	8	8.4%	8	8.4%	
7	4	Insufficient drift distance	> 343 miles	39	41.1%	59	62.1%	68	71.6%	76	80.0%	81	85.3%	87	91.6%	
7	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	17	17.9%	11	11.6%	6	6.3%	0	0.0%	1	1.1%	
7	5	Cartersville Diversion to lower headwaters	<= 284 miles	31	32.6%	24	25.3%	17	17.9%	11	11.6%	1	1.1%	2	2.1%	
7	5	Yellowstone Diversion to upper headwaters	<= 312 miles	45	47.4%	29	30.5%	22	23.2%	14	14.7%	6	6.3%	5	5.3%	
7	5	Yellowstone Diversion to lower headwaters	<= 343 miles	60	63.2%	37	38.9%	25	26.3%	20	21.1%	9	9.5%	8	8.4%	
7	5	Insufficient drift distance	> 343 miles	35	36.8%	58	61.1%	70	73.7%	75	78.9%	81	85.3%	87	91.6%	
7	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	17	17.9%	12	12.6%	7	7.4%	0	0.0%	1	1.1%	
7	6	Cartersville Diversion to lower headwaters	<= 284 miles	32	33.7%	23	24.2%	17	17.9%	12	12.6%	2	2.1%	2	2.1%	
7	6	Yellowstone Diversion to upper headwaters	<= 312 miles	46	48.4%	30	31.6%	22	23.2%	15	15.8%	7	7.4%	6	6.3%	
7	6	Yellowstone Diversion to lower headwaters	<= 343 miles	63	66.3%	41	43.2%	27	28.4%	21	22.1%	12	12.6%	11	11.6%	
7	6	Insufficient drift distance	> 343 miles	32	33.7%	54	56.8%	68	71.6%	74	77.9%	81	85.3%	84	88.4%	
7	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to upper headwaters	<= 253 miles	25	26.3%	19	20.0%	12	12.6%	8	8.4%	0	0.0%	1	1.1%	
7	7	Cartersville Diversion to lower headwaters	<= 284 miles	35	36.8%	24	25.3%	17	17.9%	12	12.6%	4	4.2%	4	4.2%	
7	7	Yellowstone Diversion to upper headwaters	<= 312 miles	49	51.6%	30	31.6%	22	23.2%	16	16.8%	8	8.4%	8	8.4%	
7	7	Yellowstone Diversion to lower headwaters	<= 343 miles	67	70.5%	44	46.3%	29	30.5%	22	23.2%	12	12.6%	12	12.6%	
7	7	Insufficient drift distance	> 343 miles	28	29.5%	51	53.7%	66	69.5%	73	76.8%	79	83.2%	83	87.4%	
7	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	8	Cartersville Diversion to upper headwaters	<= 253 miles	26	27.4%	19	20.0%	13	13.7%	9	9.5%	0	0.0%	1	1.1%	
7	8	Cartersville Diversion to lower headwaters	<= 284 miles	40	42.1%	24	25.3%	19	20.0%	13	13.7%	4	4.2%	4	4.2%	
7	8	Yellowstone Diversion to upper headwaters	<= 312 miles	50	52.6%	33	34.7%	23	24.2%	17	17.9%	9	9.5%	9	9.5%	
7	8	Yellowstone Diversion to lower headwaters	<= 343 miles	68	71.6%	45	47.4%	29	30.5%	22	23.2%	12	12.6%	12	12.6%	
7	8	Insufficient drift distance	> 343 miles	27	28.4%	50	52.6%	66	69.5%	73	76.8%	79	83.2%	83	87.4%	
7	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to upper headwaters	<= 253 miles	27	28.4%	19	20.0%	13	13.7%	10	10.5%	0	0.0%	1	1.1%	
7	9	Cartersville Diversion to lower headwaters	<= 284 miles	41	43.2%	25	26.3%	19	20.0%	13	13.7%	5	5.3%	7	7.4%	
7	9	Yellowstone Diversion to upper headwaters	<= 312 miles	53	55.8%	34	35.8%	23	24.2%	19	20.0%	10	10.5%	10	10.5%	
7	9	Yellowstone Diversion to lower headwaters	<= 343 miles	72	75.8%	47	49.5%	32	33.7%	23	24.2%	13	13.7%	13	13.7%	
7	9	Insufficient drift distance	> 343 miles	23	24.2%	48	50.5%	63	66.3%	72	75.8%	76	80.0%	82	86.3%	
7	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to upper headwaters	<= 253 miles	30	31.6%	22	23.2%	13	13.7%	11	11.6%	0	0.0%	2	2.1%	
7	10	Cartersville Diversion to lower headwaters	<= 284 miles	42	44.2%	26	27.4%	21	22.1%	13	13.7%	7	7.4%	8	8.4%	
7	10	Yellowstone Diversion to upper headwaters	<= 312 miles	54	56.8%	37	38.9%	24	25.3%	19	20.0%	11	11.6%	11	11.6%	
7	10	Yellowstone Diversion to lower headwaters	<= 343 miles	72	75.8%	48	50.5%	32	33.7%	23	24.2%	13	13.7%	13	13.7%	
7	10	Insufficient drift distance	> 343 miles	23	24.2%	47	49.5%	63	66.3%	72	75.8%	76	80.0%	82	86.3%	
7	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to upper headwaters	<= 253 miles	32	33.7%	22	23.2%	15	15.8%	12	12.6%	0	0.0%	3	3.2%	
7	11	Cartersville Diversion to lower headwaters	<= 284 miles	44	46.3%	29	30.5%	22	23.2%	15	15.8%	8	8.4%	8	8.4%	
7	11	Yellowstone Diversion to upper headwaters	<= 312 miles	57	60.0%	40	42.1%	26	27.4%	21	22.1%	12	12.6%	11	11.6%	
7	11	Yellowstone Diversion to lower headwaters	<= 343 miles	73	76.8%	51	53.7%	36	37.9%	24	25.3%	14	14.7%	14	14.7%	
7	11	Insufficient drift distance	> 343 miles	22	23.2%	44	46.3%	59	62.1%	71	74.7%	75	78.9%	81	85.3%	
7	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to upper headwaters	<= 253 miles	34	35.8%	23	24.2%	16	16.8%	12	12.6%	0	0.0%	3	3.2%	
7	12	Cartersville Diversion to lower headwaters	<= 284 miles	45	47.4%	31	32.6%	22	23.2%	16	16.8%	9	9.5%	9	9.5%	
7	12	Yellowstone Diversion to upper headwaters	<= 312 miles	58	61.1%	41	43.2%	27	28.4%	22	23.2%	12	12.6%	12	12.6%	
7	12	Yellowstone Diversion to lower headwaters	<= 343 miles	75	78.9%	51	53.7%	38	40.0%	26	27.4%	15	15.8%	15	15.8%	
7	12	Insufficient drift distance	> 343 miles	20	21.1%	44	46.3%	57	60.0%	69	72.6%	74	77.9%	80	84.2%	
7	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to upper headwaters	<= 253 miles	35	36.8%	23	24.2%	17	17.9%	12	12.6%	0	0.0%	3	3.2%	
7	13	Cartersville Diversion to lower headwaters	<= 284 miles	48	50.5%	34	35.8%	22	23.2%	17	17.9%	10	10.5%	11	11.6%	
7	13	Yellowstone Diversion to upper headwaters	<= 312 miles	58	61.1%	42	44.2%	29	30.5%	22	23.2%	12	12.6%	12	12.6%	
7	13	Yellowstone Diversion to lower headwaters	<= 343 miles	76	80.0%	53	55.8%	40	42.1%	28	29.5%	17	17.9%	17	17.9%	
7	13	Insufficient drift distance	> 343 miles	19	20.0%	42	44.2%	55	57.9%	67	70.5%	73	76.8%	78	82.1%	
7	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Cartersville Diversion to upper headwaters	<= 253 miles	38	40.0%	23	24.2%	18	18.9%	12	12.6%	0	0.0%	6	6.3%	

7	14	Cartersville Diversion to lower headwaters	<= 284 miles	51	53.7%	35	36.8%	23	24.2%	18	18.9%	12	12.6%	12	12.6%	
7	14	Yellowstone Diversion to upper headwaters	<= 312 miles	61	64.2%	42	44.2%	33	34.7%	22	23.2%	13	13.7%	13	13.7%	
7	14	Yellowstone Diversion to lower headwaters	<= 343 miles	77	81.1%	55	57.9%	41	43.2%	29	30.5%	17	17.9%	18	18.9%	
7	14	Insufficient drift distance	> 343 miles	18	18.9%	40	42.1%	54	56.8%	66	69.5%	73	76.8%	77	81.1%	
7	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Intake Diversion to lower headwaters	<= 116 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to upper headwaters	<= 253 miles	40	42.1%	27	28.4%	19	20.0%	14	14.7%	0	0.0%	6	6.3%	
7	15	Cartersville Diversion to lower headwaters	<= 284 miles	49	51.6%	37	38.9%	26	27.4%	19	20.0%	12	12.6%	12	12.6%	
7	15	Yellowstone Diversion to upper headwaters	<= 312 miles	64	67.4%	46	48.4%	34	35.8%	23	24.2%	14	14.7%	13	13.7%	
7	15	Yellowstone Diversion to lower headwaters	<= 343 miles	81	85.3%	57	60.0%	41	43.2%	33	34.7%	19	20.0%	19	20.0%	
7	15	Insufficient drift distance	> 343 miles	14	14.7%	38	40.0%	54	56.8%	62	65.3%	73	76.8%	76	80.0%	
7	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to upper headwaters	<= 253 miles	41	43.2%	27	28.4%	20	21.1%	14	14.7%	0	0.0%	8	8.4%	
7	16	Cartersville Diversion to lower headwaters	<= 284 miles	49	51.6%	39	41.1%	27	28.4%	19	20.0%	12	12.6%	12	12.6%	
7	16	Yellowstone Diversion to upper headwaters	<= 312 miles	68	71.6%	47	49.5%	36	37.9%	26	27.4%	14	14.7%	14	14.7%	
7	16	Yellowstone Diversion to lower headwaters	<= 343 miles	83	87.4%	59	62.1%	45	47.4%	34	35.8%	19	20.0%	19	20.0%	
7	16	Insufficient drift distance	> 343 miles	12	12.6%	36	37.9%	50	52.6%	61	64.2%	72	75.8%	76	80.0%	
7	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to upper headwaters	<= 253 miles	43	45.3%	32	33.7%	21	22.1%	16	16.8%	0	0.0%	8	8.4%	
7	17	Cartersville Diversion to lower headwaters	<= 284 miles	52	54.7%	40	42.1%	28	29.5%	21	22.1%	11	11.6%	12	12.6%	
7	17	Yellowstone Diversion to upper headwaters	<= 312 miles	70	73.7%	49	51.6%	38	40.0%	27	28.4%	18	18.9%	16	16.8%	
7	17	Yellowstone Diversion to lower headwaters	<= 343 miles	84	88.4%	61	64.2%	47	49.5%	35	36.8%	21	22.1%	21	22.1%	
7	17	Insufficient drift distance	> 343 miles	11	11.6%	34	35.8%	48	50.5%	60	63.2%	69	72.6%	74	77.9%	
7	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Cartersville Diversion to upper headwaters	<= 253 miles	44	46.3%	32	33.7%	21	22.1%	18	18.9%	0	0.0%	10	10.5%	
7	18	Cartersville Diversion to lower headwaters	<= 284 miles	60	63.2%	43	45.3%	32	33.7%	21	22.1%	10	10.5%	12	12.6%	
7	18	Yellowstone Diversion to upper headwaters	<= 312 miles	73	76.8%	49	51.6%	39	41.1%	27	28.4%	18	18.9%	18	18.9%	
7	18	Yellowstone Diversion to lower headwaters	<= 343 miles	84	88.4%	66	69.5%	47	49.5%	38	40.0%	21	22.1%	21	22.1%	
7	18	Insufficient drift distance	> 343 miles	11	11.6%	29	30.5%	48	50.5%	57	60.0%	69	72.6%	74	77.9%	
7	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Intake Diversion to lower headwaters	<= 116 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to upper headwaters	<= 253 miles	47	49.5%	32	33.7%	24	25.3%	18	18.9%	0	0.0%	10	10.5%	
7	19	Cartersville Diversion to lower headwaters	<= 284 miles	65	68.4%	43	45.3%	31	32.6%	23	24.2%	11	11.6%	13	13.7%	
7	19	Yellowstone Diversion to upper headwaters	<= 312 miles	75	78.9%	54	56.8%	42	44.2%	31	32.6%	18	18.9%	18	18.9%	
7	19	Yellowstone Diversion to lower headwaters	<= 343 miles	85	89.5%	68	71.6%	47	49.5%	39	41.1%	21	22.1%	21	22.1%	
7	19	Insufficient drift distance	> 343 miles	10	10.5%	27	28.4%	48	50.5%	56	58.9%	64	67.4%	74	77.9%	
7	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Intake Diversion to lower headwaters	<= 116 miles	3	3.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to upper headwaters	<= 253 miles	49	51.6%	34	35.8%	24	25.3%	20	21.1%	0	0.0%	10	10.5%	
7	20	Cartersville Diversion to lower headwaters	<= 284 miles	66	69.5%	45	47.4%	33	34.7%	25	26.3%	11	11.6%	15	15.8%	

7	20	Yellowstone Diversion to upper headwaters	<= 312 miles	77	81.1%	56	58.9%	43	45.3%	31	32.6%	20	21.1%	20	21.1%	
7	20	Yellowstone Diversion to lower headwaters	<= 343 miles	86	90.5%	70	73.7%	52	54.7%	41	43.2%	25	26.3%	25	26.3%	
7	20	Insufficient drift distance	> 343 miles	9	9.5%	25	26.3%	43	45.3%	54	56.8%	64	67.4%	70	73.7%	
7	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Intake Diversion to lower headwaters	<= 116 miles	4	4.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to upper headwaters	<= 253 miles	51	53.7%	36	37.9%	26	27.4%	20	21.1%	0	0.0%	10	10.5%	
7	21	Cartersville Diversion to lower headwaters	<= 284 miles	67	70.5%	47	49.5%	35	36.8%	26	27.4%	13	13.7%	17	17.9%	
7	21	Yellowstone Diversion to upper headwaters	<= 312 miles	78	82.1%	61	64.2%	43	45.3%	33	34.7%	20	21.1%	20	21.1%	
7	21	Yellowstone Diversion to lower headwaters	<= 343 miles	86	90.5%	73	76.8%	54	56.8%	43	45.3%	25	26.3%	26	27.4%	
7	21	Insufficient drift distance	> 343 miles	9	9.5%	22	23.2%	41	43.2%	52	54.7%	63	66.3%	69	72.6%	
7	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Intake Diversion to lower headwaters	<= 116 miles	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to upper headwaters	<= 253 miles	55	57.9%	38	40.0%	29	30.5%	20	21.1%	0	0.0%	10	10.5%	
7	22	Cartersville Diversion to lower headwaters	<= 284 miles	69	72.6%	49	51.6%	38	40.0%	30	31.6%	17	17.9%	17	17.9%	
7	22	Yellowstone Diversion to upper headwaters	<= 312 miles	81	85.3%	63	66.3%	45	47.4%	35	36.8%	21	22.1%	20	21.1%	
7	22	Yellowstone Diversion to lower headwaters	<= 343 miles	88	92.6%	76	80.0%	58	61.1%	43	45.3%	29	30.5%	28	29.5%	
7	22	Insufficient drift distance	> 343 miles	7	7.4%	19	20.0%	37	38.9%	52	54.7%	62	65.3%	67	70.5%	
7	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Intake Diversion to lower headwaters	<= 116 miles	5	5.3%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to upper headwaters	<= 253 miles	58	61.1%	40	42.1%	30	31.6%	20	21.1%	0	0.0%	10	10.5%	
7	23	Cartersville Diversion to lower headwaters	<= 284 miles	73	76.8%	51	53.7%	39	41.1%	30	31.6%	18	18.9%	18	18.9%	
7	23	Yellowstone Diversion to upper headwaters	<= 312 miles	82	86.3%	64	67.4%	47	49.5%	38	40.0%	21	22.1%	21	22.1%	
7	23	Yellowstone Diversion to lower headwaters	<= 343 miles	90	94.7%	77	81.1%	61	64.2%	45	47.4%	30	31.6%	30	31.6%	
7	23	Insufficient drift distance	> 343 miles	5	5.3%	18	18.9%	34	35.8%	50	52.6%	59	62.1%	65	68.4%	
7	24	Intake Diversion to upper headwaters	<= 85 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Intake Diversion to lower headwaters	<= 116 miles	6	6.3%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	24	Cartersville Diversion to upper headwaters	<= 253 miles	60	63.2%	42	44.2%	30	31.6%	23	24.2%	0	0.0%	13	13.7%	
7	24	Cartersville Diversion to lower headwaters	<= 284 miles	76	80.0%	56	58.9%	41	43.2%	30	31.6%	19	20.0%	19	20.0%	
7	24	Yellowstone Diversion to upper headwaters	<= 312 miles	83	87.4%	68	71.6%	49	51.6%	39	41.1%	23	24.2%	23	24.2%	
7	24	Yellowstone Diversion to lower headwaters	<= 343 miles	91	95.8%	82	86.3%	63	66.3%	48	50.5%	30	31.6%	30	31.6%	
7	24	Insufficient drift distance	> 343 miles	4	4.2%	13	13.7%	32	33.7%	47	49.5%	56	58.9%	65	68.4%	
7	25	Intake Diversion to upper headwaters	<= 85 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Intake Diversion to lower headwaters	<= 116 miles	7	7.4%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	25	Cartersville Diversion to upper headwaters	<= 253 miles	64	67.4%	42	44.2%	33	34.7%	24	25.3%	0	0.0%	12	12.6%	
7	25	Cartersville Diversion to lower headwaters	<= 284 miles	78	82.1%	59	62.1%	42	44.2%	33	34.7%	19	20.0%	19	20.0%	
7	25	Yellowstone Diversion to upper headwaters	<= 312 miles	86	90.5%	73	76.8%	55	57.9%	40	42.1%	24	25.3%	24	25.3%	
7	25	Yellowstone Diversion to lower headwaters	<= 343 miles	94	98.9%	83	87.4%	64	67.4%	50	52.6%	30	31.6%	30	31.6%	
7	25	Insufficient drift distance	> 343 miles	1	1.1%	12	12.6%	31	32.6%	45	47.4%	55	57.9%	65	68.4%	
7	26	Intake Diversion to upper headwaters	<= 85 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Intake Diversion to lower headwaters	<= 116 miles	7	7.4%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	26	Cartersville Diversion to upper headwaters	<= 253 miles	65	68.4%	44	46.3%	35	36.8%	25	26.3%	0	0.0%	13	13.7%	
7	26	Cartersville Diversion to lower headwaters	<= 284 miles	81	85.3%	62	65.3%	43	45.3%	34	35.8%	19	20.0%	19	20.0%	
7	26	Yellowstone Diversion to upper headwaters	<= 312 miles	87	91.6%	75	78.9%	57	60.0%	41	43.2%	25	26.3%	26	27.4%	

7	26	Yellowstone Diversion to lower headwaters	<= 343 miles	95	100.0%	83	87.4%	70	73.7%	54	56.8%	33	34.7%	33	34.7%	
7	26	Insufficient drift distance	> 343 miles	0	0.0%	12	12.6%	25	26.3%	41	43.2%	55	57.9%	62	65.3%	
7	27	Intake Diversion to upper headwaters	<= 85 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Intake Diversion to lower headwaters	<= 116 miles	7	7.4%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	27	Cartersville Diversion to upper headwaters	<= 253 miles	70	73.7%	47	49.5%	38	40.0%	26	27.4%	0	0.0%	14	14.7%	
7	27	Cartersville Diversion to lower headwaters	<= 284 miles	81	85.3%	64	67.4%	44	46.3%	38	40.0%	20	21.1%	21	22.1%	
7	27	Yellowstone Diversion to upper headwaters	<= 312 miles	89	93.7%	76	80.0%	61	64.2%	44	46.3%	26	27.4%	26	27.4%	
7	27	Yellowstone Diversion to lower headwaters	<= 343 miles	95	100.0%	86	90.5%	72	75.8%	57	60.0%	37	38.9%	36	37.9%	
7	27	Insufficient drift distance	> 343 miles	0	0.0%	9	9.5%	23	24.2%	38	40.0%	54	56.8%	59	62.1%	
7	28	Intake Diversion to upper headwaters	<= 85 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Intake Diversion to lower headwaters	<= 116 miles	8	8.4%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	28	Cartersville Diversion to upper headwaters	<= 253 miles	71	74.7%	49	51.6%	39	41.1%	28	29.5%	0	0.0%	14	14.7%	
7	28	Cartersville Diversion to lower headwaters	<= 284 miles	81	85.3%	69	72.6%	48	50.5%	39	41.1%	21	22.1%	22	23.2%	
7	28	Yellowstone Diversion to upper headwaters	<= 312 miles	92	96.8%	76	80.0%	62	65.3%	44	46.3%	28	29.5%	28	29.5%	
7	28	Yellowstone Diversion to lower headwaters	<= 343 miles	95	100.0%	86	90.5%	74	77.9%	61	64.2%	38	40.0%	38	40.0%	
7	28	Insufficient drift distance	> 343 miles	0	0.0%	9	9.5%	21	22.1%	34	35.8%	52	54.7%	57	60.0%	
7	29	Intake Diversion to upper headwaters	<= 85 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Intake Diversion to lower headwaters	<= 116 miles	8	8.4%	5	5.3%	2	2.1%	2	2.1%	0	0.0%	0	0.0%	
7	29	Cartersville Diversion to upper headwaters	<= 253 miles	71	74.7%	52	54.7%	40	42.1%	28	29.5%	0	0.0%	14	14.7%	
7	29	Cartersville Diversion to lower headwaters	<= 284 miles	82	86.3%	71	74.7%	49	51.6%	40	42.1%	22	23.2%	23	24.2%	
7	29	Yellowstone Diversion to upper headwaters	<= 312 miles	93	97.9%	77	81.1%	69	72.6%	48	50.5%	28	29.5%	28	29.5%	
7	29	Yellowstone Diversion to lower headwaters	<= 343 miles	95	100.0%	89	93.7%	75	78.9%	60	63.2%	39	41.1%	39	41.1%	
7	29	Insufficient drift distance	> 343 miles	0	0.0%	6	6.3%	20	21.1%	35	36.8%	48	50.5%	56	58.9%	
7	30	Intake Diversion to upper headwaters	<= 85 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Intake Diversion to lower headwaters	<= 116 miles	7	7.4%	6	6.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	30	Cartersville Diversion to upper headwaters	<= 253 miles	73	76.8%	58	61.1%	42	44.2%	29	30.5%	0	0.0%	15	15.8%	
7	30	Cartersville Diversion to lower headwaters	<= 284 miles	84	88.4%	70	73.7%	55	57.9%	41	43.2%	23	24.2%	24	25.3%	
7	30	Yellowstone Diversion to upper headwaters	<= 312 miles	95	100.0%	77	81.1%	69	72.6%	49	51.6%	30	31.6%	29	30.5%	
7	30	Yellowstone Diversion to lower headwaters	<= 343 miles	95	100.0%	90	94.7%	76	80.0%	68	71.6%	41	43.2%	40	42.1%	
7	30	Insufficient drift distance	> 343 miles	0	0.0%	5	5.3%	19	20.0%	27	28.4%	46	48.4%	55	57.9%	
7	31	Intake Diversion to upper headwaters	<= 85 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Intake Diversion to lower headwaters	<= 116 miles	8	8.4%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	31	Cartersville Diversion to upper headwaters	<= 253 miles	74	77.9%	63	66.3%	42	44.2%	32	33.7%	0	0.0%	18	18.9%	
7	31	Cartersville Diversion to lower headwaters	<= 284 miles	86	90.5%	72	75.8%	60	63.2%	42	44.2%	22	23.2%	24	25.3%	
7	31	Yellowstone Diversion to upper headwaters	<= 312 miles	93	97.9%	77	81.1%	70	73.7%	52	54.7%	35	36.8%	35	36.8%	
7	31	Yellowstone Diversion to lower headwaters	<= 343 miles	95	100.0%	91	95.8%	77	81.1%	69	72.6%	42	44.2%	41	43.2%	
7	31	Insufficient drift distance	> 343 miles	0	0.0%	4	4.2%	18	18.9%	26	27.4%	46	48.4%	54	56.8%	

Table 9. Summarized number of estimated drift distances less than specified distance for the mean channel velocity using the three combined gages rating curve for each calendar date of the 95 year period of record. The date (month and day) represent the end of the expected drift period. For example, a drift completed on 6-15 would have begun 8, 9, 10, 11, or 12 days earlier. Counts represent the number of years with of estimated drift distances less than distance for each category. Final column has blackened cells for likely spawning period. Green highlighted columns represent the minimum expected drift time for the maximum average water temperature and the yellow highlighted cells represent the average water temperature for the average length drift time.

				7 day		8 day		9 day		10 day		11 day		12 day		
Month	**Day**	**Description**	**Distance (miles)**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Peak Spawning Period**
6	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Insufficient drift distance	> 343 miles	92	96.8%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Insufficient drift distance	> 343 miles	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Insufficient drift distance	> 343 miles	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	4	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to lower headwaters	<= 343 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Insufficient drift distance	> 343 miles	91	95.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Insufficient drift distance	> 343 miles	90	94.7%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Insufficient drift distance	> 343 miles	90	94.7%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Insufficient drift distance	> 343 miles	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to lower headwaters	<= 343 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Insufficient drift distance	> 343 miles	93	97.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to lower headwaters	<= 343 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	9	Insufficient drift distance	> 343 miles	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to lower headwaters	<= 343 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Insufficient drift distance	> 343 miles	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to lower headwaters	<= 343 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Insufficient drift distance	> 343 miles	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to lower headwaters	<= 343 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Insufficient drift distance	> 343 miles	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to lower headwaters	<= 343 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Insufficient drift distance	> 343 miles	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	15	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to lower headwaters	<= 343 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Insufficient drift distance	> 343 miles	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	

6	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	21	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	21	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	21	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	21	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	21	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%
6	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	22	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	22	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	22	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	22	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	22	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%
6	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	23	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	23	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	23	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	23	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	23	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%
6	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	24	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	24	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	24	Yellowstone Diversion to upper headwaters	<= 312 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	24	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	24	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%
6	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	25	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	25	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	25	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	25	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	25	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%
6	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	26	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
6	26	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

6	26	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Insufficient drift distance	> 343 miles	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Insufficient drift distance	> 343 miles	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to lower headwaters	<= 343 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Insufficient drift distance	> 343 miles	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Insufficient drift distance	> 343 miles	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to lower headwaters	<= 343 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Insufficient drift distance	> 343 miles	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	2	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Yellowstone Diversion to lower headwaters	<= 343 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Insufficient drift distance	> 343 miles	89	93.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Yellowstone Diversion to upper headwaters	<= 312 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Insufficient drift distance	> 343 miles	87	91.6%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to lower headwaters	<= 284 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Yellowstone Diversion to upper headwaters	<= 312 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	4	Insufficient drift distance	> 343 miles	87	91.6%	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
7	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to lower headwaters	<= 284 miles	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Yellowstone Diversion to upper headwaters	<= 312 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Yellowstone Diversion to lower headwaters	<= 343 miles	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	5	Insufficient drift distance	> 343 miles	85	89.5%	91	95.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
7	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to lower headwaters	<= 284 miles	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Yellowstone Diversion to upper headwaters	<= 312 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Yellowstone Diversion to lower headwaters	<= 343 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	6	Insufficient drift distance	> 343 miles	83	87.4%	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
7	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Yellowstone Diversion to upper headwaters	<= 312 miles	9	9.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Yellowstone Diversion to lower headwaters	<= 343 miles	12	12.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	7	Insufficient drift distance	> 343 miles	83	87.4%	88	92.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
7	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	8	Cartersville Diversion to lower headwaters	<= 284 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Yellowstone Diversion to lower headwaters	<= 343 miles	13	13.7%	8	8.4%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	
7	8	Insufficient drift distance	> 343 miles	82	86.3%	87	91.6%	92	96.8%	95	100.0%	95	100.0%	95	100.0%	
7	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to upper headwaters	<= 253 miles	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to lower headwaters	<= 284 miles	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Yellowstone Diversion to upper headwaters	<= 312 miles	11	11.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	9	Yellowstone Diversion to lower headwaters	<= 343 miles	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	
7	9	Insufficient drift distance	> 343 miles	82	86.3%	86	90.5%	91	95.8%	95	100.0%	95	100.0%	95	100.0%	
7	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to lower headwaters	<= 284 miles	9	9.5%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	10	Yellowstone Diversion to lower headwaters	<= 343 miles	13	13.7%	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	10	Insufficient drift distance	> 343 miles	82	86.3%	86	90.5%	91	95.8%	94	98.9%	95	100.0%	95	100.0%	
7	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to lower headwaters	<= 284 miles	9	9.5%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	11	Yellowstone Diversion to lower headwaters	<= 343 miles	14	14.7%	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	11	Insufficient drift distance	> 343 miles	81	85.3%	84	88.4%	91	95.8%	94	98.9%	95	100.0%	95	100.0%	
7	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to lower headwaters	<= 284 miles	9	9.5%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	12	Yellowstone Diversion to lower headwaters	<= 343 miles	15	15.8%	12	12.6%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
7	12	Insufficient drift distance	> 343 miles	80	84.2%	83	87.4%	90	94.7%	93	97.9%	95	100.0%	95	100.0%	
7	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	13	Yellowstone Diversion to lower headwaters	<= 343 miles	18	18.9%	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	
7	13	Insufficient drift distance	> 343 miles	77	81.1%	83	87.4%	89	93.7%	93	97.9%	95	100.0%	95	100.0%	
7	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	

7	14	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	10	10.5%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	14	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	
7	14	Insufficient drift distance	> 343 miles	76	80.0%	83	87.4%	89	93.7%	93	97.9%	95	100.0%	95	100.0%	
7	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	15	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	10	10.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	15	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	11	11.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	15	Insufficient drift distance	> 343 miles	76	80.0%	84	88.4%	88	92.6%	93	97.9%	94	98.9%	95	100.0%	
7	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to upper headwaters	<= 253 miles	6	6.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to lower headwaters	<= 284 miles	10	10.5%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	16	Yellowstone Diversion to upper headwaters	<= 312 miles	16	16.8%	10	10.5%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
7	16	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	12	12.6%	10	10.5%	2	2.1%	0	0.0%	0	0.0%	
7	16	Insufficient drift distance	> 343 miles	76	80.0%	83	87.4%	85	89.5%	93	97.9%	94	98.9%	95	100.0%	
7	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to upper headwaters	<= 253 miles	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to lower headwaters	<= 284 miles	10	10.5%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	17	Yellowstone Diversion to upper headwaters	<= 312 miles	18	18.9%	10	10.5%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
7	17	Yellowstone Diversion to lower headwaters	<= 343 miles	20	21.1%	13	13.7%	10	10.5%	3	3.2%	0	0.0%	0	0.0%	
7	17	Insufficient drift distance	> 343 miles	75	78.9%	82	86.3%	85	89.5%	92	96.8%	93	97.9%	95	100.0%	
7	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Cartersville Diversion to upper headwaters	<= 253 miles	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	18	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	6	6.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	18	Yellowstone Diversion to upper headwaters	<= 312 miles	17	17.9%	10	10.5%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
7	18	Yellowstone Diversion to lower headwaters	<= 343 miles	20	21.1%	14	14.7%	10	10.5%	4	4.2%	0	0.0%	0	0.0%	
7	18	Insufficient drift distance	> 343 miles	75	78.9%	81	85.3%	85	89.5%	91	95.8%	93	97.9%	95	100.0%	
7	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to upper headwaters	<= 253 miles	9	9.5%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	8	8.4%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
7	19	Yellowstone Diversion to upper headwaters	<= 312 miles	19	20.0%	11	11.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	
7	19	Yellowstone Diversion to lower headwaters	<= 343 miles	22	23.2%	17	17.9%	10	10.5%	5	5.3%	1	1.1%	1	1.1%	
7	19	Insufficient drift distance	> 343 miles	73	76.8%	78	82.1%	85	89.5%	90	94.7%	93	97.9%	94	98.9%	
7	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to upper headwaters	<= 253 miles	10	10.5%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to lower headwaters	<= 284 miles	14	14.7%	9	9.5%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
7	20	Yellowstone Diversion to upper headwaters	<= 312 miles	19	20.0%	11	11.6%	7	7.4%	3	3.2%	0	0.0%	0	0.0%	

7	20	Yellowstone Diversion to lower headwaters	<= 343 miles	24	25.3%	18	18.9%	10	10.5%	5	5.3%	2	2.1%	2	2.1%	
7	20	Insufficient drift distance	> 343 miles	71	74.7%	77	81.1%	85	89.5%	90	94.7%	93	97.9%	93	97.9%	
7	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to upper headwaters	<= 253 miles	10	10.5%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to lower headwaters	<= 284 miles	15	15.8%	10	10.5%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
7	21	Yellowstone Diversion to upper headwaters	<= 312 miles	19	20.0%	13	13.7%	9	9.5%	3	3.2%	0	0.0%	0	0.0%	
7	21	Yellowstone Diversion to lower headwaters	<= 343 miles	25	26.3%	19	20.0%	11	11.6%	7	7.4%	2	2.1%	2	2.1%	
7	21	Insufficient drift distance	> 343 miles	70	73.7%	76	80.0%	84	88.4%	88	92.6%	92	96.8%	93	97.9%	
7	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to upper headwaters	<= 253 miles	10	10.5%	5	5.3%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to lower headwaters	<= 284 miles	18	18.9%	10	10.5%	5	5.3%	3	3.2%	0	0.0%	0	0.0%	
7	22	Yellowstone Diversion to upper headwaters	<= 312 miles	21	22.1%	13	13.7%	10	10.5%	5	5.3%	2	2.1%	0	0.0%	
7	22	Yellowstone Diversion to lower headwaters	<= 343 miles	27	28.4%	19	20.0%	10	10.5%	8	8.4%	2	2.1%	2	2.1%	
7	22	Insufficient drift distance	> 343 miles	68	71.6%	76	80.0%	85	89.5%	87	91.6%	92	96.8%	93	97.9%	
7	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	5	5.3%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to lower headwaters	<= 284 miles	18	18.9%	10	10.5%	5	5.3%	3	3.2%	0	0.0%	0	0.0%	
7	23	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	14	14.7%	10	10.5%	5	5.3%	2	2.1%	2	2.1%	
7	23	Yellowstone Diversion to lower headwaters	<= 343 miles	28	29.5%	19	20.0%	12	12.6%	9	9.5%	3	3.2%	3	3.2%	
7	23	Insufficient drift distance	> 343 miles	67	70.5%	76	80.0%	83	87.4%	86	90.5%	90	94.7%	92	96.8%	
7	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	7	7.4%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
7	24	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	11	11.6%	6	6.3%	3	3.2%	0	0.0%	0	0.0%	
7	24	Yellowstone Diversion to upper headwaters	<= 312 miles	24	25.3%	15	15.8%	10	10.5%	5	5.3%	2	2.1%	2	2.1%	
7	24	Yellowstone Diversion to lower headwaters	<= 343 miles	30	31.6%	20	21.1%	12	12.6%	9	9.5%	3	3.2%	3	3.2%	
7	24	Insufficient drift distance	> 343 miles	65	68.4%	75	78.9%	83	87.4%	86	90.5%	90	94.7%	92	96.8%	
7	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	7	7.4%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
7	25	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	12	12.6%	7	7.4%	4	4.2%	1	1.1%	1	1.1%	
7	25	Yellowstone Diversion to upper headwaters	<= 312 miles	25	26.3%	15	15.8%	9	9.5%	6	6.3%	3	3.2%	2	2.1%	
7	25	Yellowstone Diversion to lower headwaters	<= 343 miles	31	32.6%	22	23.2%	15	15.8%	9	9.5%	3	3.2%	3	3.2%	
7	25	Insufficient drift distance	> 343 miles	64	67.4%	73	76.8%	80	84.2%	86	90.5%	90	94.7%	92	96.8%	
7	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	8	8.4%	4	4.2%	3	3.2%	0	0.0%	0	0.0%	
7	26	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	12	12.6%	8	8.4%	4	4.2%	1	1.1%	1	1.1%	
7	26	Yellowstone Diversion to upper headwaters	<= 312 miles	26	27.4%	15	15.8%	11	11.6%	7	7.4%	3	3.2%	3	3.2%	
7	26	Yellowstone Diversion to lower headwaters	<= 343 miles	32	33.7%	23	24.2%	15	15.8%	9	9.5%	4	4.2%	4	4.2%	

7	26	Insufficient drift distance	> 343 miles	63	66.3%	72	75.8%	80	84.2%	86	90.5%	88	92.6%	91	95.8%	
7	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	8	8.4%	4	4.2%	3	3.2%	0	0.0%	0	0.0%	
7	27	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	13	13.7%	8	8.4%	4	4.2%	1	1.1%	1	1.1%	
7	27	Yellowstone Diversion to upper headwaters	<= 312 miles	27	28.4%	19	20.0%	12	12.6%	8	8.4%	3	3.2%	3	3.2%	
7	27	Yellowstone Diversion to lower headwaters	<= 343 miles	37	38.9%	24	25.3%	15	15.8%	10	10.5%	4	4.2%	4	4.2%	
7	27	Insufficient drift distance	> 343 miles	58	61.1%	71	74.7%	80	84.2%	85	89.5%	88	92.6%	91	95.8%	
7	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Cartersville Diversion to upper headwaters	<= 253 miles	14	14.7%	8	8.4%	6	6.3%	3	3.2%	0	0.0%	0	0.0%	
7	28	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	13	13.7%	8	8.4%	6	6.3%	2	2.1%	2	2.1%	
7	28	Yellowstone Diversion to upper headwaters	<= 312 miles	27	28.4%	19	20.0%	12	12.6%	8	8.4%	3	3.2%	3	3.2%	
7	28	Yellowstone Diversion to lower headwaters	<= 343 miles	39	41.1%	25	26.3%	15	15.8%	12	12.6%	4	4.2%	4	4.2%	
7	28	Insufficient drift distance	> 343 miles	56	58.9%	70	73.7%	80	84.2%	83	87.4%	87	91.6%	91	95.8%	
7	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	8	8.4%	6	6.3%	4	4.2%	0	0.0%	0	0.0%	
7	29	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	13	13.7%	8	8.4%	6	6.3%	2	2.1%	2	2.1%	
7	29	Yellowstone Diversion to upper headwaters	<= 312 miles	26	27.4%	20	21.1%	13	13.7%	8	8.4%	4	4.2%	4	4.2%	
7	29	Yellowstone Diversion to lower headwaters	<= 343 miles	41	43.2%	26	27.4%	17	17.9%	12	12.6%	6	6.3%	6	6.3%	
7	29	Insufficient drift distance	> 343 miles	54	56.8%	69	72.6%	78	82.1%	83	87.4%	87	91.6%	89	93.7%	
7	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	10	10.5%	7	7.4%	4	4.2%	0	0.0%	0	0.0%	
7	30	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	12	12.6%	9	9.5%	7	7.4%	2	2.1%	2	2.1%	
7	30	Yellowstone Diversion to upper headwaters	<= 312 miles	30	31.6%	20	21.1%	12	12.6%	8	8.4%	4	4.2%	4	4.2%	
7	30	Yellowstone Diversion to lower headwaters	<= 343 miles	42	44.2%	26	27.4%	18	18.9%	11	11.6%	6	6.3%	6	6.3%	
7	30	Insufficient drift distance	> 343 miles	53	55.8%	69	72.6%	77	81.1%	84	88.4%	87	91.6%	89	93.7%	
7	31	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	10	10.5%	7	7.4%	4	4.2%	0	0.0%	0	0.0%	
7	31	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	13	13.7%	10	10.5%	7	7.4%	1	1.1%	1	1.1%	
7	31	Yellowstone Diversion to upper headwaters	<= 312 miles	33	34.7%	20	21.1%	11	11.6%	8	8.4%	4	4.2%	4	4.2%	
7	31	Yellowstone Diversion to lower headwaters	<= 343 miles	43	45.3%	25	26.3%	19	20.0%	10	10.5%	7	7.4%	7	7.4%	
7	31	Insufficient drift distance	> 343 miles	52	54.7%	70	73.7%	76	80.0%	85	89.5%	87	91.6%	88	92.6%	

Table 10. Summarized number of estimated drift distances less than specified distance for the 10% slowest drifters using the three combined gages rating curve for each calendar date of the 95 year period of record. The date (month and day) represent the end of the expected drift period. For example, a drift completed on 6-15 would have begun 8, 9, 10, 11, or 12 days earlier. Counts represent the number of years with of estimated drift distances less than distance for each category. Final column has blackened cells for likely spawning period. Green highlighted columns represent the minimum expected drift time for the maximum average water temperature and the yellow highlighted cells represent the average water temperature for the average length drift time.

				7 day		8 day		9 day		10 day		11 day		12 day		
Month	**Day**	**Description**	**Distance (miles)**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Peak Spawning Period**
6	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to upper headwaters	<= 312 miles	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Insufficient drift distance	> 343 miles	87	91.6%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to upper headwaters	<= 312 miles	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Insufficient drift distance	> 343 miles	87	91.6%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to lower headwaters	<= 343 miles	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Insufficient drift distance	> 343 miles	88	92.6%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	4	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to lower headwaters	<= 343 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Insufficient drift distance	> 343 miles	88	92.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	9	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
6	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	11	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to upper headwaters	<= 312 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to lower headwaters	<= 343 miles	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	12	Insufficient drift distance	> 343 miles	86	90.5%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to upper headwaters	<= 312 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to lower headwaters	<= 343 miles	11	11.6%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	13	Insufficient drift distance	> 343 miles	84	88.4%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to upper headwaters	<= 312 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to lower headwaters	<= 343 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	14	Insufficient drift distance	> 343 miles	84	88.4%	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	15	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to upper headwaters	<= 312 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to lower headwaters	<= 343 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	15	Insufficient drift distance	> 343 miles	84	88.4%	92	96.8%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to lower headwaters	<= 284 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to upper headwaters	<= 312 miles	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to lower headwaters	<= 343 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	16	Insufficient drift distance	> 343 miles	83	87.4%	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
6	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to lower headwaters	<= 284 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to lower headwaters	<= 343 miles	14	14.7%	6	6.3%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	17	Insufficient drift distance	> 343 miles	81	85.3%	89	93.7%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	
6	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to lower headwaters	<= 284 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to upper headwaters	<= 312 miles	10	10.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to lower headwaters	<= 343 miles	15	15.8%	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	18	Insufficient drift distance	> 343 miles	80	84.2%	88	92.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	
6	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to lower headwaters	<= 284 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to upper headwaters	<= 312 miles	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to lower headwaters	<= 343 miles	17	17.9%	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	19	Insufficient drift distance	> 343 miles	78	82.1%	87	91.6%	93	97.9%	94	98.9%	95	100.0%	95	100.0%	
6	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to upper headwaters	<= 253 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to lower headwaters	<= 284 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to lower headwaters	<= 343 miles	18	18.9%	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	20	Insufficient drift distance	> 343 miles	77	81.1%	86	90.5%	91	95.8%	94	98.9%	95	100.0%	95	100.0%	

6	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to lower headwaters	<= 284 miles	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to lower headwaters	<= 343 miles	18	18.9%	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	21	Insufficient drift distance	> 343 miles	77	81.1%	83	87.4%	90	94.7%	94	98.9%	95	100.0%	95	100.0%	
6	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to lower headwaters	<= 284 miles	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to upper headwaters	<= 312 miles	12	12.6%	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to lower headwaters	<= 343 miles	19	20.0%	12	12.6%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	
6	22	Insufficient drift distance	> 343 miles	76	80.0%	83	87.4%	89	93.7%	94	98.9%	95	100.0%	95	100.0%	
6	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to upper headwaters	<= 253 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to lower headwaters	<= 343 miles	22	23.2%	12	12.6%	8	8.4%	3	3.2%	0	0.0%	0	0.0%	
6	23	Insufficient drift distance	> 343 miles	73	76.8%	83	87.4%	87	91.6%	92	96.8%	94	98.9%	95	100.0%	
6	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to upper headwaters	<= 253 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to upper headwaters	<= 312 miles	13	13.7%	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to lower headwaters	<= 343 miles	22	23.2%	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
6	24	Insufficient drift distance	> 343 miles	73	76.8%	82	86.3%	86	90.5%	91	95.8%	94	98.9%	95	100.0%	
6	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to upper headwaters	<= 253 miles	9	9.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	8	8.4%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to upper headwaters	<= 312 miles	16	16.8%	11	11.6%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to lower headwaters	<= 343 miles	23	24.2%	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
6	25	Insufficient drift distance	> 343 miles	72	75.8%	82	86.3%	86	90.5%	91	95.8%	94	98.9%	95	100.0%	
6	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Cartersville Diversion to upper headwaters	<= 253 miles	10	10.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	

6	26	Yellowstone Diversion to upper headwaters	<= 312 miles	17	17.9%	12	12.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
6	26	Yellowstone Diversion to lower headwaters	<= 343 miles	23	24.2%	13	13.7%	11	11.6%	6	6.3%	0	0.0%	0	0.0%	
6	26	Insufficient drift distance	> 343 miles	72	75.8%	82	86.3%	84	88.4%	89	93.7%	93	97.9%	95	100.0%	
6	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to upper headwaters	<= 312 miles	17	17.9%	12	12.6%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to lower headwaters	<= 343 miles	23	24.2%	15	15.8%	12	12.6%	7	7.4%	0	0.0%	0	0.0%	
6	27	Insufficient drift distance	> 343 miles	72	75.8%	80	84.2%	83	87.4%	88	92.6%	93	97.9%	95	100.0%	
6	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to lower headwaters	<= 284 miles	14	14.7%	11	11.6%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to upper headwaters	<= 312 miles	18	18.9%	12	12.6%	9	9.5%	3	3.2%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to lower headwaters	<= 343 miles	23	24.2%	16	16.8%	12	12.6%	8	8.4%	1	1.1%	1	1.1%	
6	28	Insufficient drift distance	> 343 miles	72	75.8%	79	83.2%	83	87.4%	87	91.6%	93	97.9%	94	98.9%	
6	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to lower headwaters	<= 284 miles	15	15.8%	12	12.6%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to upper headwaters	<= 312 miles	19	20.0%	12	12.6%	11	11.6%	3	3.2%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to lower headwaters	<= 343 miles	24	25.3%	17	17.9%	12	12.6%	9	9.5%	1	1.1%	1	1.1%	
6	29	Insufficient drift distance	> 343 miles	71	74.7%	78	82.1%	83	87.4%	86	90.5%	92	96.8%	94	98.9%	
6	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to lower headwaters	<= 284 miles	16	16.8%	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to upper headwaters	<= 312 miles	21	22.1%	14	14.7%	12	12.6%	4	4.2%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to lower headwaters	<= 343 miles	28	29.5%	18	18.9%	12	12.6%	11	11.6%	2	2.1%	2	2.1%	
6	30	Insufficient drift distance	> 343 miles	67	70.5%	77	81.1%	83	87.4%	84	88.4%	92	96.8%	93	97.9%	
7	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	12	12.6%	6	6.3%	2	2.1%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to upper headwaters	<= 312 miles	23	24.2%	15	15.8%	12	12.6%	6	6.3%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to lower headwaters	<= 343 miles	29	30.5%	19	20.0%	12	12.6%	12	12.6%	2	2.1%	2	2.1%	
7	1	Insufficient drift distance	> 343 miles	66	69.5%	76	80.0%	83	87.4%	83	87.4%	90	94.7%	93	97.9%	
7	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	2	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	11	11.6%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	2	Yellowstone Diversion to upper headwaters	<= 312 miles	23	24.2%	17	17.9%	11	11.6%	6	6.3%	1	1.1%	1	1.1%	
7	2	Yellowstone Diversion to lower headwaters	<= 343 miles	33	34.7%	20	21.1%	14	14.7%	11	11.6%	2	2.1%	2	2.1%	
7	2	Insufficient drift distance	> 343 miles	62	65.3%	75	78.9%	81	85.3%	84	88.4%	90	94.7%	93	97.9%	
7	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	10	10.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	11	11.6%	10	10.5%	2	2.1%	0	0.0%	0	0.0%	
7	3	Yellowstone Diversion to upper headwaters	<= 312 miles	26	27.4%	18	18.9%	11	11.6%	7	7.4%	1	1.1%	1	1.1%	
7	3	Yellowstone Diversion to lower headwaters	<= 343 miles	33	34.7%	22	23.2%	17	17.9%	11	11.6%	2	2.1%	2	2.1%	
7	3	Insufficient drift distance	> 343 miles	62	65.3%	73	76.8%	78	82.1%	84	88.4%	88	92.6%	93	97.9%	
7	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	10	10.5%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	13	13.7%	10	10.5%	2	2.1%	0	0.0%	0	0.0%	
7	4	Yellowstone Diversion to upper headwaters	<= 312 miles	26	27.4%	18	18.9%	10	10.5%	9	9.5%	2	2.1%	2	2.1%	
7	4	Yellowstone Diversion to lower headwaters	<= 343 miles	34	35.8%	23	24.2%	18	18.9%	10	10.5%	2	2.1%	2	2.1%	
7	4	Insufficient drift distance	> 343 miles	61	64.2%	72	75.8%	77	81.1%	85	89.5%	87	91.6%	93	97.9%	
7	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to upper headwaters	<= 253 miles	17	17.9%	10	10.5%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	14	14.7%	10	10.5%	4	4.2%	0	0.0%	0	0.0%	
7	5	Yellowstone Diversion to upper headwaters	<= 312 miles	28	29.5%	20	21.1%	11	11.6%	10	10.5%	2	2.1%	2	2.1%	
7	5	Yellowstone Diversion to lower headwaters	<= 343 miles	36	37.9%	25	26.3%	18	18.9%	10	10.5%	3	3.2%	3	3.2%	
7	5	Insufficient drift distance	> 343 miles	59	62.1%	70	73.7%	77	81.1%	85	89.5%	86	90.5%	92	96.8%	
7	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to upper headwaters	<= 253 miles	18	18.9%	11	11.6%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to lower headwaters	<= 284 miles	21	22.1%	16	16.8%	10	10.5%	5	5.3%	0	0.0%	1	1.1%	
7	6	Yellowstone Diversion to upper headwaters	<= 312 miles	30	31.6%	20	21.1%	11	11.6%	9	9.5%	2	2.1%	2	2.1%	
7	6	Yellowstone Diversion to lower headwaters	<= 343 miles	38	40.0%	25	26.3%	19	20.0%	11	11.6%	4	4.2%	4	4.2%	
7	6	Insufficient drift distance	> 343 miles	57	60.0%	70	73.7%	76	80.0%	84	88.4%	86	90.5%	91	95.8%	
7	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	11	11.6%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to lower headwaters	<= 284 miles	24	25.3%	17	17.9%	10	10.5%	5	5.3%	1	1.1%	2	2.1%	
7	7	Yellowstone Diversion to upper headwaters	<= 312 miles	30	31.6%	20	21.1%	14	14.7%	9	9.5%	2	2.1%	2	2.1%	
7	7	Yellowstone Diversion to lower headwaters	<= 343 miles	39	41.1%	28	29.5%	20	21.1%	12	12.6%	5	5.3%	5	5.3%	
7	7	Insufficient drift distance	> 343 miles	56	58.9%	67	70.5%	75	78.9%	83	87.4%	86	90.5%	90	94.7%	
7	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	10	10.5%	5	5.3%	3	3.2%	0	0.0%	0	0.0%	

7	8	Cartersville Diversion to lower headwaters	<= 284 miles	25	26.3%	19	20.0%	10	10.5%	5	5.3%	2	2.1%	2	2.1%	
7	8	Yellowstone Diversion to upper headwaters	<= 312 miles	32	33.7%	21	22.1%	16	16.8%	10	10.5%	3	3.2%	3	3.2%	
7	8	Yellowstone Diversion to lower headwaters	<= 343 miles	40	42.1%	30	31.6%	19	20.0%	14	14.7%	5	5.3%	5	5.3%	
7	8	Insufficient drift distance	> 343 miles	55	57.9%	65	68.4%	76	80.0%	81	85.3%	85	89.5%	90	94.7%	
7	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	12	12.6%	8	8.4%	3	3.2%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	19	20.0%	10	10.5%	8	8.4%	2	2.1%	2	2.1%	
7	9	Yellowstone Diversion to upper headwaters	<= 312 miles	34	35.8%	23	24.2%	19	20.0%	10	10.5%	3	3.2%	3	3.2%	
7	9	Yellowstone Diversion to lower headwaters	<= 343 miles	42	44.2%	30	31.6%	20	21.1%	16	16.8%	7	7.4%	6	6.3%	
7	9	Insufficient drift distance	> 343 miles	53	55.8%	65	68.4%	75	78.9%	79	83.2%	85	89.5%	89	93.7%	
7	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to upper headwaters	<= 253 miles	20	21.1%	12	12.6%	9	9.5%	4	4.2%	0	0.0%	1	1.1%	
7	10	Cartersville Diversion to lower headwaters	<= 284 miles	28	29.5%	19	20.0%	12	12.6%	9	9.5%	2	2.1%	3	3.2%	
7	10	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	24	25.3%	19	20.0%	10	10.5%	5	5.3%	5	5.3%	
7	10	Yellowstone Diversion to lower headwaters	<= 343 miles	43	45.3%	32	33.7%	22	23.2%	19	20.0%	8	8.4%	8	8.4%	
7	10	Insufficient drift distance	> 343 miles	52	54.7%	63	66.3%	73	76.8%	76	80.0%	85	89.5%	87	91.6%	
7	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to upper headwaters	<= 253 miles	23	24.2%	15	15.8%	9	9.5%	5	5.3%	0	0.0%	2	2.1%	
7	11	Cartersville Diversion to lower headwaters	<= 284 miles	30	31.6%	20	21.1%	12	12.6%	9	9.5%	3	3.2%	3	3.2%	
7	11	Yellowstone Diversion to upper headwaters	<= 312 miles	39	41.1%	25	26.3%	19	20.0%	12	12.6%	5	5.3%	5	5.3%	
7	11	Yellowstone Diversion to lower headwaters	<= 343 miles	46	48.4%	33	34.7%	24	25.3%	19	20.0%	9	9.5%	8	8.4%	
7	11	Insufficient drift distance	> 343 miles	49	51.6%	62	65.3%	71	74.7%	76	80.0%	84	88.4%	87	91.6%	
7	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	15	15.8%	9	9.5%	5	5.3%	0	0.0%	2	2.1%	
7	12	Cartersville Diversion to lower headwaters	<= 284 miles	31	32.6%	22	23.2%	14	14.7%	9	9.5%	3	3.2%	3	3.2%	
7	12	Yellowstone Diversion to upper headwaters	<= 312 miles	40	42.1%	28	29.5%	19	20.0%	12	12.6%	5	5.3%	5	5.3%	
7	12	Yellowstone Diversion to lower headwaters	<= 343 miles	49	51.6%	37	38.9%	25	26.3%	19	20.0%	9	9.5%	9	9.5%	
7	12	Insufficient drift distance	> 343 miles	46	48.4%	58	61.1%	70	73.7%	76	80.0%	83	87.4%	86	90.5%	
7	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to upper headwaters	<= 253 miles	25	26.3%	15	15.8%	9	9.5%	7	7.4%	0	0.0%	3	3.2%	
7	13	Cartersville Diversion to lower headwaters	<= 284 miles	32	33.7%	23	24.2%	15	15.8%	9	9.5%	4	4.2%	4	4.2%	
7	13	Yellowstone Diversion to upper headwaters	<= 312 miles	41	43.2%	29	30.5%	20	21.1%	14	14.7%	7	7.4%	7	7.4%	
7	13	Yellowstone Diversion to lower headwaters	<= 343 miles	51	53.7%	39	41.1%	25	26.3%	19	20.0%	9	9.5%	9	9.5%	
7	13	Insufficient drift distance	> 343 miles	44	46.3%	56	58.9%	70	73.7%	76	80.0%	82	86.3%	86	90.5%	
7	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Cartersville Diversion to upper headwaters	<= 253 miles	27	28.4%	15	15.8%	10	10.5%	7	7.4%	0	0.0%	3	3.2%	
7	14	Cartersville Diversion to lower headwaters	<= 284 miles	37	38.9%	23	24.2%	15	15.8%	10	10.5%	4	4.2%	4	4.2%	

7	14	Yellowstone Diversion to upper headwaters	<= 312 miles	42	44.2%	30	31.6%	22	23.2%	14	14.7%	7	7.4%	7	7.4%	
7	14	Yellowstone Diversion to lower headwaters	<= 343 miles	53	55.8%	40	42.1%	27	28.4%	21	22.1%	10	10.5%	10	10.5%	
7	14	Insufficient drift distance	> 343 miles	42	44.2%	55	57.9%	68	71.6%	74	77.9%	81	85.3%	85	89.5%	
7	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to upper headwaters	<= 253 miles	26	27.4%	18	18.9%	11	11.6%	7	7.4%	0	0.0%	3	3.2%	
7	15	Cartersville Diversion to lower headwaters	<= 284 miles	39	41.1%	25	26.3%	15	15.8%	11	11.6%	4	4.2%	4	4.2%	
7	15	Yellowstone Diversion to upper headwaters	<= 312 miles	46	48.4%	30	31.6%	22	23.2%	15	15.8%	8	8.4%	8	8.4%	
7	15	Yellowstone Diversion to lower headwaters	<= 343 miles	59	62.1%	40	42.1%	28	29.5%	21	22.1%	10	10.5%	11	11.6%	
7	15	Insufficient drift distance	> 343 miles	36	37.9%	55	57.9%	67	70.5%	74	77.9%	81	85.3%	84	88.4%	
7	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to upper headwaters	<= 253 miles	26	27.4%	18	18.9%	10	10.5%	7	7.4%	0	0.0%	3	3.2%	
7	16	Cartersville Diversion to lower headwaters	<= 284 miles	40	42.1%	26	27.4%	17	17.9%	12	12.6%	4	4.2%	6	6.3%	
7	16	Yellowstone Diversion to upper headwaters	<= 312 miles	48	50.5%	37	38.9%	23	24.2%	14	14.7%	8	8.4%	8	8.4%	
7	16	Yellowstone Diversion to lower headwaters	<= 343 miles	61	64.2%	42	44.2%	29	30.5%	23	24.2%	12	12.6%	12	12.6%	
7	16	Insufficient drift distance	> 343 miles	34	35.8%	53	55.8%	66	69.5%	72	75.8%	81	85.3%	83	87.4%	
7	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Intake Diversion to lower headwaters	<= 116 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to upper headwaters	<= 253 miles	27	28.4%	19	20.0%	10	10.5%	7	7.4%	0	0.0%	4	4.2%	
7	17	Cartersville Diversion to lower headwaters	<= 284 miles	42	44.2%	26	27.4%	18	18.9%	10	10.5%	6	6.3%	6	6.3%	
7	17	Yellowstone Diversion to upper headwaters	<= 312 miles	47	49.5%	37	38.9%	23	24.2%	16	16.8%	8	8.4%	8	8.4%	
7	17	Yellowstone Diversion to lower headwaters	<= 343 miles	64	67.4%	44	46.3%	30	31.6%	23	24.2%	10	10.5%	11	11.6%	
7	17	Insufficient drift distance	> 343 miles	31	32.6%	51	53.7%	65	68.4%	72	75.8%	81	85.3%	84	88.4%	
7	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Cartersville Diversion to upper headwaters	<= 253 miles	27	28.4%	19	20.0%	10	10.5%	7	7.4%	0	0.0%	4	4.2%	
7	18	Cartersville Diversion to lower headwaters	<= 284 miles	42	44.2%	24	25.3%	19	20.0%	10	10.5%	6	6.3%	6	6.3%	
7	18	Yellowstone Diversion to upper headwaters	<= 312 miles	50	52.6%	39	41.1%	23	24.2%	17	17.9%	8	8.4%	8	8.4%	
7	18	Yellowstone Diversion to lower headwaters	<= 343 miles	67	70.5%	47	49.5%	35	36.8%	21	22.1%	10	10.5%	10	10.5%	
7	18	Insufficient drift distance	> 343 miles	28	29.5%	48	50.5%	60	63.2%	74	77.9%	78	82.1%	85	89.5%	
7	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Yellowstone Diversion to upper headwaters	<= 312 miles	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Insufficient drift distance	> 343 miles	87	91.6%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to lower headwaters	<= 284 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Yellowstone Diversion to upper headwaters	<= 312 miles	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	20	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Insufficient drift distance	> 343 miles	87	91.6%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Yellowstone Diversion to lower headwaters	<= 343 miles	7	7.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Insufficient drift distance	> 343 miles	88	92.6%	93	97.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Yellowstone Diversion to lower headwaters	<= 343 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Insufficient drift distance	> 343 miles	88	92.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Yellowstone Diversion to upper headwaters	<= 312 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Yellowstone Diversion to lower headwaters	<= 343 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Insufficient drift distance	> 343 miles	90	94.7%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	26	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	95	100.0%	
7	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Yellowstone Diversion to upper headwaters	<= 312 miles	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Yellowstone Diversion to lower headwaters	<= 343 miles	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	29	Insufficient drift distance	> 343 miles	87	91.6%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
7	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Cartersville Diversion to upper headwaters	<= 253 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Yellowstone Diversion to upper headwaters	<= 312 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Yellowstone Diversion to lower headwaters	<= 343 miles	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	30	Insufficient drift distance	> 343 miles	86	90.5%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	
7	31	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Cartersville Diversion to upper headwaters	<= 253 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Cartersville Diversion to lower headwaters	<= 284 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Yellowstone Diversion to upper headwaters	<= 312 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Yellowstone Diversion to lower headwaters	<= 343 miles	11	11.6%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	31	Insufficient drift distance	> 343 miles	84	88.4%	94	98.9%	94	98.9%	95	100.0%	95	100.0%	95	100.0%	

Table 11. Summarized number of estimated drift distances less than specified distance for the trailing edge of the slowest drifters using the three combined gages rating curve for each calendar date of the 95 year period of record. The date (month and day) represent the end of the expected drift period. For example, a drift completed on 6-15 would have begun 8, 9, 10, 11, or 12 days earlier. Counts represent the number of years with of estimated drift distances less than distance for each category. Final column has blackened cells for likely spawning period. Green highlighted columns represent the minimum expected drift time for the maximum average water temperature and the yellow highlighted cells represent the average water temperature for the average length drift time.

				7 day		8 day		9 day		10 day		11 day		12 day		
Month	**Day**	**Description**	**Distance (miles)**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Count**	**Percent**	**Peak Spawning Period**
6	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to upper headwaters	<= 253 miles	10	10.5%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	1	Cartersville Diversion to lower headwaters	<= 284 miles	22	23.2%	10	10.5%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	
6	1	Yellowstone Diversion to upper headwaters	<= 312 miles	39	41.1%	19	20.0%	10	10.5%	3	3.2%	1	1.1%	2	2.1%	
6	1	Yellowstone Diversion to lower headwaters	<= 343 miles	63	66.3%	37	38.9%	14	14.7%	10	10.5%	2	2.1%	2	2.1%	
6	1	Insufficient drift distance	> 343 miles	32	33.7%	58	61.1%	81	85.3%	85	89.5%	93	97.9%	93	97.9%	
6	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to upper headwaters	<= 253 miles	8	8.4%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	2	Cartersville Diversion to lower headwaters	<= 284 miles	18	18.9%	7	7.4%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
6	2	Yellowstone Diversion to upper headwaters	<= 312 miles	38	40.0%	13	13.7%	6	6.3%	3	3.2%	1	1.1%	1	1.1%	
6	2	Yellowstone Diversion to lower headwaters	<= 343 miles	61	64.2%	31	32.6%	11	11.6%	6	6.3%	2	2.1%	2	2.1%	
6	2	Insufficient drift distance	> 343 miles	34	35.8%	64	67.4%	84	88.4%	89	93.7%	92	96.8%	93	97.9%	
6	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to upper headwaters	<= 253 miles	6	6.3%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	3	Cartersville Diversion to lower headwaters	<= 284 miles	17	17.9%	6	6.3%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
6	3	Yellowstone Diversion to upper headwaters	<= 312 miles	31	32.6%	12	12.6%	6	6.3%	4	4.2%	1	1.1%	1	1.1%	
6	3	Yellowstone Diversion to lower headwaters	<= 343 miles	56	58.9%	27	28.4%	10	10.5%	6	6.3%	2	2.1%	2	2.1%	
6	3	Insufficient drift distance	> 343 miles	39	41.1%	68	71.6%	85	89.5%	89	93.7%	92	96.8%	93	97.9%	
6	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	4	Cartersville Diversion to upper headwaters	<= 253 miles	6	6.3%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	4	Cartersville Diversion to lower headwaters	<= 284 miles	14	14.7%	6	6.3%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
6	4	Yellowstone Diversion to upper headwaters	<= 312 miles	33	34.7%	7	7.4%	6	6.3%	4	4.2%	1	1.1%	1	1.1%	
6	4	Yellowstone Diversion to lower headwaters	<= 343 miles	50	52.6%	25	26.3%	7	7.4%	6	6.3%	2	2.1%	2	2.1%	
6	4	Insufficient drift distance	> 343 miles	45	47.4%	70	73.7%	88	92.6%	89	93.7%	91	95.8%	93	97.9%	
6	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to upper headwaters	<= 253 miles	6	6.3%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	5	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	5	5.3%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to upper headwaters	<= 312 miles	31	32.6%	7	7.4%	5	5.3%	4	4.2%	0	0.0%	0	0.0%	
6	5	Yellowstone Diversion to lower headwaters	<= 343 miles	47	49.5%	24	25.3%	7	7.4%	6	6.3%	2	2.1%	2	2.1%	
6	5	Insufficient drift distance	> 343 miles	48	50.5%	71	74.7%	88	92.6%	89	93.7%	91	95.8%	93	97.9%	
6	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to upper headwaters	<= 253 miles	6	6.3%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	6	Cartersville Diversion to lower headwaters	<= 284 miles	14	14.7%	5	5.3%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to upper headwaters	<= 312 miles	25	26.3%	7	7.4%	5	5.3%	5	5.3%	0	0.0%	0	0.0%	
6	6	Yellowstone Diversion to lower headwaters	<= 343 miles	47	49.5%	21	22.1%	7	7.4%	5	5.3%	2	2.1%	2	2.1%	
6	6	Insufficient drift distance	> 343 miles	48	50.5%	74	77.9%	88	92.6%	90	94.7%	91	95.8%	93	97.9%	
6	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	7	Cartersville Diversion to lower headwaters	<= 284 miles	15	15.8%	5	5.3%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to upper headwaters	<= 312 miles	25	26.3%	8	8.4%	5	5.3%	4	4.2%	0	0.0%	0	0.0%	
6	7	Yellowstone Diversion to lower headwaters	<= 343 miles	43	45.3%	20	21.1%	6	6.3%	5	5.3%	1	1.1%	1	1.1%	
6	7	Insufficient drift distance	> 343 miles	52	54.7%	75	78.9%	89	93.7%	90	94.7%	91	95.8%	94	98.9%	
6	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to upper headwaters	<= 253 miles	6	6.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	8	Cartersville Diversion to lower headwaters	<= 284 miles	16	16.8%	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to upper headwaters	<= 312 miles	24	25.3%	10	10.5%	5	5.3%	2	2.1%	0	0.0%	0	0.0%	
6	8	Yellowstone Diversion to lower headwaters	<= 343 miles	39	41.1%	19	20.0%	6	6.3%	5	5.3%	1	1.1%	1	1.1%	
6	8	Insufficient drift distance	> 343 miles	56	58.9%	76	80.0%	89	93.7%	90	94.7%	93	97.9%	94	98.9%	
6	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	9	Cartersville Diversion to lower headwaters	<= 284 miles	15	15.8%	4	4.2%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to upper headwaters	<= 312 miles	23	24.2%	12	12.6%	4	4.2%	2	2.1%	0	0.0%	0	0.0%	
6	9	Yellowstone Diversion to lower headwaters	<= 343 miles	38	40.0%	20	21.1%	8	8.4%	4	4.2%	1	1.1%	1	1.1%	

6	9	Insufficient drift distance	> 343 miles	57	60.0%	75	78.9%	87	91.6%	91	95.8%	93	97.9%	94	98.9%	
6	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to upper headwaters	<= 253 miles	3	3.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	10	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	3	3.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	12	12.6%	2	2.1%	2	2.1%	0	0.0%	0	0.0%	
6	10	Yellowstone Diversion to lower headwaters	<= 343 miles	36	37.9%	19	20.0%	9	9.5%	2	2.1%	0	0.0%	1	1.1%	
6	10	Insufficient drift distance	> 343 miles	59	62.1%	76	80.0%	86	90.5%	93	97.9%	93	97.9%	94	98.9%	
6	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	11	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to upper headwaters	<= 312 miles	23	24.2%	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	11	Yellowstone Diversion to lower headwaters	<= 343 miles	32	33.7%	20	21.1%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
6	11	Insufficient drift distance	> 343 miles	63	66.3%	75	78.9%	88	92.6%	93	97.9%	94	98.9%	95	100.0%	
6	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	12	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	9	9.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	12	Yellowstone Diversion to lower headwaters	<= 343 miles	35	36.8%	18	18.9%	6	6.3%	3	3.2%	0	0.0%	0	0.0%	
6	12	Insufficient drift distance	> 343 miles	60	63.2%	77	81.1%	89	93.7%	92	96.8%	94	98.9%	95	100.0%	
6	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	5	5.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to upper headwaters	<= 312 miles	18	18.9%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	
6	13	Yellowstone Diversion to lower headwaters	<= 343 miles	34	35.8%	16	16.8%	7	7.4%	3	3.2%	0	0.0%	0	0.0%	
6	13	Insufficient drift distance	> 343 miles	61	64.2%	79	83.2%	88	92.6%	92	96.8%	95	100.0%	95	100.0%	
6	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to upper headwaters	<= 312 miles	16	16.8%	9	9.5%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	
6	14	Yellowstone Diversion to lower headwaters	<= 343 miles	31	32.6%	14	14.7%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	
6	14	Insufficient drift distance	> 343 miles	64	67.4%	81	85.3%	87	91.6%	91	95.8%	95	100.0%	95	100.0%	
6	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

6	15	Cartersville Diversion to lower headwaters	<= 284 miles	10	10.5%	4	4.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to upper headwaters	<= 312 miles	15	15.8%	10	10.5%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	
6	15	Yellowstone Diversion to lower headwaters	<= 343 miles	30	31.6%	14	14.7%	9	9.5%	3	3.2%	0	0.0%	0	0.0%	
6	15	Insufficient drift distance	> 343 miles	65	68.4%	81	85.3%	86	90.5%	92	96.8%	95	100.0%	95	100.0%	
6	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	16	Cartersville Diversion to lower headwaters	<= 284 miles	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to upper headwaters	<= 312 miles	17	17.9%	9	9.5%	3	3.2%	0	0.0%	0	0.0%	0	0.0%	
6	16	Yellowstone Diversion to lower headwaters	<= 343 miles	32	33.7%	13	13.7%	9	9.5%	3	3.2%	0	0.0%	0	0.0%	
6	16	Insufficient drift distance	> 343 miles	63	66.3%	82	86.3%	86	90.5%	92	96.8%	95	100.0%	95	100.0%	
6	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	17	Cartersville Diversion to lower headwaters	<= 284 miles	9	9.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to upper headwaters	<= 312 miles	16	16.8%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	
6	17	Yellowstone Diversion to lower headwaters	<= 343 miles	33	34.7%	12	12.6%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	17	Insufficient drift distance	> 343 miles	62	65.3%	83	87.4%	88	92.6%	94	98.9%	95	100.0%	95	100.0%	
6	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to upper headwaters	<= 253 miles	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	18	Cartersville Diversion to lower headwaters	<= 284 miles	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to upper headwaters	<= 312 miles	15	15.8%	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	18	Yellowstone Diversion to lower headwaters	<= 343 miles	33	34.7%	14	14.7%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	18	Insufficient drift distance	> 343 miles	62	65.3%	81	85.3%	88	92.6%	94	98.9%	95	100.0%	95	100.0%	
6	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to upper headwaters	<= 253 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	19	Cartersville Diversion to lower headwaters	<= 284 miles	12	12.6%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to upper headwaters	<= 312 miles	15	15.8%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	19	Yellowstone Diversion to lower headwaters	<= 343 miles	34	35.8%	14	14.7%	8	8.4%	1	1.1%	0	0.0%	0	0.0%	
6	19	Insufficient drift distance	> 343 miles	61	64.2%	81	85.3%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	
6	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to upper headwaters	<= 253 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	20	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to upper headwaters	<= 312 miles	17	17.9%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	20	Yellowstone Diversion to lower headwaters	<= 343 miles	29	30.5%	13	13.7%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	
6	20	Insufficient drift distance	> 343 miles	66	69.5%	82	86.3%	89	93.7%	94	98.9%	94	98.9%	95	100.0%	

6	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	21	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to upper headwaters	<= 312 miles	17	17.9%	10	10.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	21	Yellowstone Diversion to lower headwaters	<= 343 miles	29	30.5%	11	11.6%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	
6	21	Insufficient drift distance	> 343 miles	66	69.5%	84	88.4%	89	93.7%	94	98.9%	94	98.9%	95	100.0%	
6	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to upper headwaters	<= 253 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	22	Cartersville Diversion to lower headwaters	<= 284 miles	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to upper headwaters	<= 312 miles	18	18.9%	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	22	Yellowstone Diversion to lower headwaters	<= 343 miles	30	31.6%	13	13.7%	8	8.4%	1	1.1%	0	0.0%	0	0.0%	
6	22	Insufficient drift distance	> 343 miles	65	68.4%	82	86.3%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	
6	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to upper headwaters	<= 253 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	23	Cartersville Diversion to lower headwaters	<= 284 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to upper headwaters	<= 312 miles	18	18.9%	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	23	Yellowstone Diversion to lower headwaters	<= 343 miles	29	30.5%	15	15.8%	8	8.4%	1	1.1%	0	0.0%	0	0.0%	
6	23	Insufficient drift distance	> 343 miles	66	69.5%	80	84.2%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	
6	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to upper headwaters	<= 253 miles	7	7.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	24	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to upper headwaters	<= 312 miles	19	20.0%	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	24	Yellowstone Diversion to lower headwaters	<= 343 miles	30	31.6%	16	16.8%	8	8.4%	1	1.1%	0	0.0%	0	0.0%	
6	24	Insufficient drift distance	> 343 miles	65	68.4%	79	83.2%	87	91.6%	94	98.9%	94	98.9%	95	100.0%	
6	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to upper headwaters	<= 253 miles	8	8.4%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	25	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to upper headwaters	<= 312 miles	19	20.0%	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	25	Yellowstone Diversion to lower headwaters	<= 343 miles	29	30.5%	15	15.8%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
6	25	Insufficient drift distance	> 343 miles	66	69.5%	80	84.2%	87	91.6%	93	97.9%	94	98.9%	95	100.0%	
6	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	26	Cartersville Diversion to upper headwaters	<= 253 miles	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	26	Cartersville Diversion to lower headwaters	<= 284 miles	13	13.7%	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	

6	26	Yellowstone Diversion to upper headwaters	<= 312 miles	19	20.0%	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	26	Yellowstone Diversion to lower headwaters	<= 343 miles	29	30.5%	16	16.8%	10	10.5%	3	3.2%	0	0.0%	0	0.0%	
6	26	Insufficient drift distance	> 343 miles	66	69.5%	79	83.2%	85	89.5%	92	96.8%	94	98.9%	95	100.0%	
6	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to upper headwaters	<= 253 miles	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	27	Cartersville Diversion to lower headwaters	<= 284 miles	14	14.7%	7	7.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to upper headwaters	<= 312 miles	20	21.1%	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
6	27	Yellowstone Diversion to lower headwaters	<= 343 miles	31	32.6%	17	17.9%	11	11.6%	4	4.2%	1	1.1%	1	1.1%	
6	27	Insufficient drift distance	> 343 miles	64	67.4%	78	82.1%	84	88.4%	91	95.8%	94	98.9%	94	98.9%	
6	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to upper headwaters	<= 253 miles	9	9.5%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	28	Cartersville Diversion to lower headwaters	<= 284 miles	15	15.8%	8	8.4%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to upper headwaters	<= 312 miles	22	23.2%	13	13.7%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	28	Yellowstone Diversion to lower headwaters	<= 343 miles	32	33.7%	18	18.9%	12	12.6%	5	5.3%	1	1.1%	1	1.1%	
6	28	Insufficient drift distance	> 343 miles	63	66.3%	77	81.1%	83	87.4%	90	94.7%	94	98.9%	94	98.9%	
6	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to upper headwaters	<= 253 miles	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	29	Cartersville Diversion to lower headwaters	<= 284 miles	16	16.8%	9	9.5%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to upper headwaters	<= 312 miles	24	25.3%	13	13.7%	7	7.4%	1	1.1%	0	0.0%	0	0.0%	
6	29	Yellowstone Diversion to lower headwaters	<= 343 miles	30	31.6%	19	20.0%	11	11.6%	7	7.4%	1	1.1%	1	1.1%	
6	29	Insufficient drift distance	> 343 miles	65	68.4%	76	80.0%	84	88.4%	88	92.6%	94	98.9%	94	98.9%	
6	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to upper headwaters	<= 253 miles	11	11.6%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
6	30	Cartersville Diversion to lower headwaters	<= 284 miles	18	18.9%	10	10.5%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to upper headwaters	<= 312 miles	25	26.3%	16	16.8%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
6	30	Yellowstone Diversion to lower headwaters	<= 343 miles	30	31.6%	21	22.1%	12	12.6%	8	8.4%	1	1.1%	1	1.1%	
6	30	Insufficient drift distance	> 343 miles	65	68.4%	74	77.9%	83	87.4%	87	91.6%	94	98.9%	94	98.9%	
7	1	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to upper headwaters	<= 253 miles	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	1	Cartersville Diversion to lower headwaters	<= 284 miles	19	20.0%	11	11.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to upper headwaters	<= 312 miles	26	27.4%	16	16.8%	10	10.5%	3	3.2%	0	0.0%	0	0.0%	
7	1	Yellowstone Diversion to lower headwaters	<= 343 miles	34	35.8%	25	26.3%	14	14.7%	8	8.4%	1	1.1%	1	1.1%	
7	1	Insufficient drift distance	> 343 miles	61	64.2%	70	73.7%	81	85.3%	87	91.6%	93	97.9%	94	98.9%	
7	2	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	2	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	

7	2	Cartersville Diversion to upper headwaters	<= 253 miles	13	13.7%	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	
7	2	Cartersville Diversion to lower headwaters	<= 284 miles	20	21.1%	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	2	Yellowstone Diversion to upper headwaters	<= 312 miles	27	28.4%	18	18.9%	10	10.5%	5	5.3%	1	1.1%	1	1.1%	
7	2	Yellowstone Diversion to lower headwaters	<= 343 miles	35	36.8%	24	25.3%	15	15.8%	10	10.5%	1	1.1%	1	1.1%	
7	2	Insufficient drift distance	> 343 miles	60	63.2%	71	74.7%	80	84.2%	85	89.5%	91	95.8%	94	98.9%	
7	3	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to upper headwaters	<= 253 miles	15	15.8%	8	8.4%	2	2.1%	1	1.1%	0	0.0%	0	0.0%	
7	3	Cartersville Diversion to lower headwaters	<= 284 miles	23	24.2%	13	13.7%	7	7.4%	2	2.1%	0	0.0%	0	0.0%	
7	3	Yellowstone Diversion to upper headwaters	<= 312 miles	27	28.4%	20	21.1%	12	12.6%	5	5.3%	1	1.1%	1	1.1%	
7	3	Yellowstone Diversion to lower headwaters	<= 343 miles	36	37.9%	24	25.3%	16	16.8%	11	11.6%	1	1.1%	1	1.1%	
7	3	Insufficient drift distance	> 343 miles	59	62.1%	71	74.7%	79	83.2%	84	88.4%	90	94.7%	94	98.9%	
7	4	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to upper headwaters	<= 253 miles	17	17.9%	8	8.4%	3	3.2%	1	1.1%	0	0.0%	0	0.0%	
7	4	Cartersville Diversion to lower headwaters	<= 284 miles	24	25.3%	13	13.7%	8	8.4%	2	2.1%	0	0.0%	0	0.0%	
7	4	Yellowstone Diversion to upper headwaters	<= 312 miles	29	30.5%	19	20.0%	13	13.7%	7	7.4%	1	1.1%	1	1.1%	
7	4	Yellowstone Diversion to lower headwaters	<= 343 miles	38	40.0%	24	25.3%	18	18.9%	11	11.6%	2	2.1%	2	2.1%	
7	4	Insufficient drift distance	> 343 miles	57	60.0%	71	74.7%	77	81.1%	84	88.4%	89	93.7%	93	97.9%	
7	5	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to upper headwaters	<= 253 miles	17	17.9%	10	10.5%	4	4.2%	1	1.1%	0	0.0%	0	0.0%	
7	5	Cartersville Diversion to lower headwaters	<= 284 miles	23	24.2%	17	17.9%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	
7	5	Yellowstone Diversion to upper headwaters	<= 312 miles	30	31.6%	21	22.1%	12	12.6%	8	8.4%	1	1.1%	1	1.1%	
7	5	Yellowstone Diversion to lower headwaters	<= 343 miles	41	43.2%	25	26.3%	18	18.9%	12	12.6%	4	4.2%	3	3.2%	
7	5	Insufficient drift distance	> 343 miles	54	56.8%	70	73.7%	77	81.1%	83	87.4%	87	91.6%	92	96.8%	
7	6	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to upper headwaters	<= 253 miles	18	18.9%	12	12.6%	5	5.3%	1	1.1%	0	0.0%	0	0.0%	
7	6	Cartersville Diversion to lower headwaters	<= 284 miles	24	25.3%	17	17.9%	10	10.5%	5	5.3%	0	0.0%	0	0.0%	
7	6	Yellowstone Diversion to upper headwaters	<= 312 miles	30	31.6%	22	23.2%	13	13.7%	9	9.5%	1	1.1%	1	1.1%	
7	6	Yellowstone Diversion to lower headwaters	<= 343 miles	44	46.3%	27	28.4%	20	21.1%	12	12.6%	4	4.2%	4	4.2%	
7	6	Insufficient drift distance	> 343 miles	51	53.7%	68	71.6%	75	78.9%	83	87.4%	87	91.6%	91	95.8%	
7	7	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	12	12.6%	7	7.4%	3	3.2%	0	0.0%	0	0.0%	
7	7	Cartersville Diversion to lower headwaters	<= 284 miles	24	25.3%	16	16.8%	12	12.6%	7	7.4%	0	0.0%	1	1.1%	
7	7	Yellowstone Diversion to upper headwaters	<= 312 miles	32	33.7%	22	23.2%	13	13.7%	10	10.5%	3	3.2%	1	1.1%	
7	7	Yellowstone Diversion to lower headwaters	<= 343 miles	45	47.4%	28	29.5%	21	22.1%	13	13.7%	6	6.3%	6	6.3%	
7	7	Insufficient drift distance	> 343 miles	50	52.6%	67	70.5%	74	77.9%	82	86.3%	85	89.5%	89	93.7%	
7	8	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	8	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	13	13.7%	8	8.4%	4	4.2%	0	0.0%	0	0.0%	

7	8	Cartersville Diversion to lower headwaters	<= 284 miles	24	25.3%	19	20.0%	12	12.6%	8	8.4%	1	1.1%	1	1.1%	
7	8	Yellowstone Diversion to upper headwaters	<= 312 miles	33	34.7%	23	24.2%	15	15.8%	12	12.6%	4	4.2%	4	4.2%	
7	8	Yellowstone Diversion to lower headwaters	<= 343 miles	46	48.4%	28	29.5%	22	23.2%	13	13.7%	7	7.4%	7	7.4%	
7	8	Insufficient drift distance	> 343 miles	49	51.6%	67	70.5%	73	76.8%	82	86.3%	84	88.4%	88	92.6%	
7	9	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to upper headwaters	<= 253 miles	19	20.0%	13	13.7%	9	9.5%	4	4.2%	0	0.0%	0	0.0%	
7	9	Cartersville Diversion to lower headwaters	<= 284 miles	26	27.4%	19	20.0%	13	13.7%	9	9.5%	1	1.1%	1	1.1%	
7	9	Yellowstone Diversion to upper headwaters	<= 312 miles	37	38.9%	23	24.2%	16	16.8%	12	12.6%	4	4.2%	4	4.2%	
7	9	Yellowstone Diversion to lower headwaters	<= 343 miles	49	51.6%	30	31.6%	23	24.2%	15	15.8%	8	8.4%	8	8.4%	
7	9	Insufficient drift distance	> 343 miles	46	48.4%	65	68.4%	72	75.8%	80	84.2%	83	87.4%	87	91.6%	
7	10	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to upper headwaters	<= 253 miles	22	23.2%	13	13.7%	11	11.6%	5	5.3%	0	0.0%	0	0.0%	
7	10	Cartersville Diversion to lower headwaters	<= 284 miles	27	28.4%	19	20.0%	13	13.7%	10	10.5%	1	1.1%	1	1.1%	
7	10	Yellowstone Diversion to upper headwaters	<= 312 miles	40	42.1%	23	24.2%	17	17.9%	13	13.7%	4	4.2%	4	4.2%	
7	10	Yellowstone Diversion to lower headwaters	<= 343 miles	50	52.6%	31	32.6%	23	24.2%	16	16.8%	9	9.5%	9	9.5%	
7	10	Insufficient drift distance	> 343 miles	45	47.4%	64	67.4%	72	75.8%	79	83.2%	82	86.3%	86	90.5%	
7	11	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to upper headwaters	<= 253 miles	22	23.2%	14	14.7%	11	11.6%	6	6.3%	0	0.0%	0	0.0%	
7	11	Cartersville Diversion to lower headwaters	<= 284 miles	29	30.5%	21	22.1%	13	13.7%	11	11.6%	2	2.1%	2	2.1%	
7	11	Yellowstone Diversion to upper headwaters	<= 312 miles	40	42.1%	24	25.3%	19	20.0%	13	13.7%	6	6.3%	5	5.3%	
7	11	Yellowstone Diversion to lower headwaters	<= 343 miles	51	53.7%	35	36.8%	23	24.2%	17	17.9%	11	11.6%	10	10.5%	
7	11	Insufficient drift distance	> 343 miles	44	46.3%	60	63.2%	72	75.8%	78	82.1%	82	86.3%	85	89.5%	
7	12	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to upper headwaters	<= 253 miles	22	23.2%	15	15.8%	12	12.6%	8	8.4%	0	0.0%	0	0.0%	
7	12	Cartersville Diversion to lower headwaters	<= 284 miles	33	34.7%	21	22.1%	15	15.8%	12	12.6%	2	2.1%	2	2.1%	
7	12	Yellowstone Diversion to upper headwaters	<= 312 miles	42	44.2%	27	28.4%	20	21.1%	13	13.7%	8	8.4%	8	8.4%	
7	12	Yellowstone Diversion to lower headwaters	<= 343 miles	54	56.8%	36	37.9%	24	25.3%	18	18.9%	11	11.6%	11	11.6%	
7	12	Insufficient drift distance	> 343 miles	41	43.2%	59	62.1%	71	74.7%	77	81.1%	82	86.3%	84	88.4%	
7	13	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	13	Cartersville Diversion to upper headwaters	<= 253 miles	23	24.2%	16	16.8%	12	12.6%	7	7.4%	0	0.0%	1	1.1%	
7	13	Cartersville Diversion to lower headwaters	<= 284 miles	35	36.8%	22	23.2%	16	16.8%	12	12.6%	2	2.1%	2	2.1%	
7	13	Yellowstone Diversion to upper headwaters	<= 312 miles	42	44.2%	29	30.5%	21	22.1%	14	14.7%	9	9.5%	8	8.4%	
7	13	Yellowstone Diversion to lower headwaters	<= 343 miles	55	57.9%	40	42.1%	25	26.3%	19	20.0%	12	12.6%	12	12.6%	
7	13	Insufficient drift distance	> 343 miles	40	42.1%	55	57.9%	70	73.7%	76	80.0%	82	86.3%	83	87.4%	
7	14	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	14	Cartersville Diversion to upper headwaters	<= 253 miles	24	25.3%	18	18.9%	12	12.6%	9	9.5%	0	0.0%	1	1.1%	
7	14	Cartersville Diversion to lower headwaters	<= 284 miles	36	37.9%	23	24.2%	18	18.9%	12	12.6%	2	2.1%	2	2.1%	

7	14	Yellowstone Diversion to upper headwaters	<= 312 miles	44	46.3%	32	33.7%	22	23.2%	16	16.8%	9	9.5%	10	10.5%	
7	14	Yellowstone Diversion to lower headwaters	<= 343 miles	56	58.9%	41	43.2%	28	29.5%	21	22.1%	12	12.6%	12	12.6%	
7	14	Insufficient drift distance	> 343 miles	39	41.1%	54	56.8%	67	70.5%	74	77.9%	80	84.2%	83	87.4%	
7	15	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	15	Cartersville Diversion to upper headwaters	<= 253 miles	27	28.4%	19	20.0%	12	12.6%	11	11.6%	0	0.0%	2	2.1%	
7	15	Cartersville Diversion to lower headwaters	<= 284 miles	38	40.0%	24	25.3%	19	20.0%	12	12.6%	2	2.1%	2	2.1%	
7	15	Yellowstone Diversion to upper headwaters	<= 312 miles	47	49.5%	34	35.8%	22	23.2%	18	18.9%	11	11.6%	11	11.6%	
7	15	Yellowstone Diversion to lower headwaters	<= 343 miles	57	60.0%	41	43.2%	29	30.5%	22	23.2%	12	12.6%	12	12.6%	
7	15	Insufficient drift distance	> 343 miles	38	40.0%	54	56.8%	66	69.5%	73	76.8%	79	83.2%	83	87.4%	
7	16	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	16	Cartersville Diversion to upper headwaters	<= 253 miles	28	29.5%	19	20.0%	13	13.7%	10	10.5%	0	0.0%	2	2.1%	
7	16	Cartersville Diversion to lower headwaters	<= 284 miles	39	41.1%	27	28.4%	19	20.0%	12	12.6%	3	3.2%	5	5.3%	
7	16	Yellowstone Diversion to upper headwaters	<= 312 miles	47	49.5%	35	36.8%	22	23.2%	19	20.0%	11	11.6%	11	11.6%	
7	16	Yellowstone Diversion to lower headwaters	<= 343 miles	62	65.3%	44	46.3%	33	34.7%	22	23.2%	12	12.6%	12	12.6%	
7	16	Insufficient drift distance	> 343 miles	33	34.7%	51	53.7%	62	65.3%	73	76.8%	77	81.1%	83	87.4%	
7	17	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	17	Cartersville Diversion to upper headwaters	<= 253 miles	32	33.7%	21	22.1%	15	15.8%	10	10.5%	0	0.0%	2	2.1%	
7	17	Cartersville Diversion to lower headwaters	<= 284 miles	42	44.2%	27	28.4%	20	21.1%	14	14.7%	5	5.3%	7	7.4%	
7	17	Yellowstone Diversion to upper headwaters	<= 312 miles	49	51.6%	38	40.0%	26	27.4%	19	20.0%	10	10.5%	10	10.5%	
7	17	Yellowstone Diversion to lower headwaters	<= 343 miles	65	68.4%	46	48.4%	34	35.8%	22	23.2%	12	12.6%	13	13.7%	
7	17	Insufficient drift distance	> 343 miles	30	31.6%	49	51.6%	61	64.2%	73	76.8%	76	80.0%	82	86.3%	
7	18	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Intake Diversion to lower headwaters	<= 116 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	18	Cartersville Diversion to upper headwaters	<= 253 miles	31	32.6%	20	21.1%	16	16.8%	10	10.5%	0	0.0%	2	2.1%	
7	18	Cartersville Diversion to lower headwaters	<= 284 miles	43	45.3%	30	31.6%	21	22.1%	16	16.8%	6	6.3%	7	7.4%	
7	18	Yellowstone Diversion to upper headwaters	<= 312 miles	51	53.7%	37	38.9%	26	27.4%	20	21.1%	10	10.5%	10	10.5%	
7	18	Yellowstone Diversion to lower headwaters	<= 343 miles	68	71.6%	47	49.5%	34	35.8%	26	27.4%	15	15.8%	14	14.7%	
7	18	Insufficient drift distance	> 343 miles	27	28.4%	48	50.5%	61	64.2%	69	72.6%	75	78.9%	81	85.3%	
7	19	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Intake Diversion to lower headwaters	<= 116 miles	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	19	Cartersville Diversion to upper headwaters	<= 253 miles	33	34.7%	21	22.1%	18	18.9%	10	10.5%	0	0.0%	2	2.1%	
7	19	Cartersville Diversion to lower headwaters	<= 284 miles	43	45.3%	31	32.6%	20	21.1%	18	18.9%	6	6.3%	9	9.5%	
7	19	Yellowstone Diversion to upper headwaters	<= 312 miles	55	57.9%	40	42.1%	30	31.6%	20	21.1%	10	10.5%	10	10.5%	
7	19	Yellowstone Diversion to lower headwaters	<= 343 miles	69	72.6%	48	50.5%	37	38.9%	26	27.4%	17	17.9%	16	16.8%	
7	19	Insufficient drift distance	> 343 miles	26	27.4%	47	49.5%	58	61.1%	69	72.6%	75	78.9%	79	83.2%	
7	20	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	20	Cartersville Diversion to upper headwaters	<= 253 miles	35	36.8%	24	25.3%	17	17.9%	11	11.6%	0	0.0%	4	4.2%	
7	20	Cartersville Diversion to lower headwaters	<= 284 miles	46	48.4%	32	33.7%	23	24.2%	18	18.9%	9	9.5%	9	9.5%	
7	20	Yellowstone Diversion to upper headwaters	<= 312 miles	59	62.1%	41	43.2%	30	31.6%	20	21.1%	11	11.6%	11	11.6%	

7	20	Yellowstone Diversion to lower headwaters	<= 343 miles	72	75.8%	52	54.7%	38	40.0%	30	31.6%	18	18.9%	18	18.9%	
7	20	Insufficient drift distance	> 343 miles	23	24.2%	43	45.3%	57	60.0%	65	68.4%	75	78.9%	77	81.1%	
7	21	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	21	Cartersville Diversion to upper headwaters	<= 253 miles	37	38.9%	24	25.3%	19	20.0%	11	11.6%	0	0.0%	4	4.2%	
7	21	Cartersville Diversion to lower headwaters	<= 284 miles	48	50.5%	34	35.8%	24	25.3%	19	20.0%	9	9.5%	9	9.5%	
7	21	Yellowstone Diversion to upper headwaters	<= 312 miles	62	65.3%	43	45.3%	31	32.6%	23	24.2%	11	11.6%	11	11.6%	
7	21	Yellowstone Diversion to lower headwaters	<= 343 miles	76	80.0%	54	56.8%	40	42.1%	30	31.6%	17	17.9%	18	18.9%	
7	21	Insufficient drift distance	> 343 miles	19	20.0%	41	43.2%	55	57.9%	65	68.4%	74	77.9%	77	81.1%	
7	22	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Intake Diversion to lower headwaters	<= 116 miles	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	22	Cartersville Diversion to upper headwaters	<= 253 miles	38	40.0%	27	28.4%	19	20.0%	13	13.7%	0	0.0%	5	5.3%	
7	22	Cartersville Diversion to lower headwaters	<= 284 miles	49	51.6%	37	38.9%	26	27.4%	19	20.0%	9	9.5%	9	9.5%	
7	22	Yellowstone Diversion to upper headwaters	<= 312 miles	64	67.4%	43	45.3%	33	34.7%	24	25.3%	13	13.7%	13	13.7%	
7	22	Yellowstone Diversion to lower headwaters	<= 343 miles	77	81.1%	58	61.1%	41	43.2%	31	32.6%	19	20.0%	19	20.0%	
7	22	Insufficient drift distance	> 343 miles	18	18.9%	37	38.9%	54	56.8%	64	67.4%	71	74.7%	76	80.0%	
7	23	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Intake Diversion to lower headwaters	<= 116 miles	3	3.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	23	Cartersville Diversion to upper headwaters	<= 253 miles	41	43.2%	29	30.5%	20	21.1%	13	13.7%	0	0.0%	5	5.3%	
7	23	Cartersville Diversion to lower headwaters	<= 284 miles	55	57.9%	38	40.0%	28	29.5%	19	20.0%	10	10.5%	10	10.5%	
7	23	Yellowstone Diversion to upper headwaters	<= 312 miles	64	67.4%	46	48.4%	36	37.9%	26	27.4%	15	15.8%	14	14.7%	
7	23	Yellowstone Diversion to lower headwaters	<= 343 miles	81	85.3%	60	63.2%	41	43.2%	33	34.7%	19	20.0%	19	20.0%	
7	23	Insufficient drift distance	> 343 miles	14	14.7%	35	36.8%	54	56.8%	62	65.3%	70	73.7%	76	80.0%	
7	24	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Intake Diversion to lower headwaters	<= 116 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	24	Cartersville Diversion to upper headwaters	<= 253 miles	42	44.2%	30	31.6%	20	21.1%	16	16.8%	0	0.0%	7	7.4%	
7	24	Cartersville Diversion to lower headwaters	<= 284 miles	56	58.9%	40	42.1%	30	31.6%	20	21.1%	10	10.5%	10	10.5%	
7	24	Yellowstone Diversion to upper headwaters	<= 312 miles	68	71.6%	47	49.5%	38	40.0%	27	28.4%	17	17.9%	16	16.8%	
7	24	Yellowstone Diversion to lower headwaters	<= 343 miles	82	86.3%	63	66.3%	44	46.3%	36	37.9%	20	21.1%	19	20.0%	
7	24	Insufficient drift distance	> 343 miles	13	13.7%	32	33.7%	51	53.7%	59	62.1%	67	70.5%	76	80.0%	
7	25	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Intake Diversion to lower headwaters	<= 116 miles	3	3.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	25	Cartersville Diversion to upper headwaters	<= 253 miles	43	45.3%	31	32.6%	23	24.2%	16	16.8%	0	0.0%	8	8.4%	
7	25	Cartersville Diversion to lower headwaters	<= 284 miles	61	64.2%	42	44.2%	30	31.6%	23	24.2%	10	10.5%	11	11.6%	
7	25	Yellowstone Diversion to upper headwaters	<= 312 miles	75	78.9%	53	55.8%	40	42.1%	30	31.6%	18	18.9%	17	17.9%	
7	25	Yellowstone Diversion to lower headwaters	<= 343 miles	83	87.4%	64	67.4%	46	48.4%	38	40.0%	21	22.1%	21	22.1%	
7	25	Insufficient drift distance	> 343 miles	12	12.6%	31	32.6%	49	51.6%	57	60.0%	67	70.5%	74	77.9%	
7	26	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Intake Diversion to lower headwaters	<= 116 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	26	Cartersville Diversion to upper headwaters	<= 253 miles	44	46.3%	33	34.7%	23	24.2%	17	17.9%	0	0.0%	8	8.4%	
7	26	Cartersville Diversion to lower headwaters	<= 284 miles	63	66.3%	43	45.3%	31	32.6%	23	24.2%	12	12.6%	12	12.6%	
7	26	Yellowstone Diversion to upper headwaters	<= 312 miles	78	82.1%	55	57.9%	40	42.1%	30	31.6%	19	20.0%	19	20.0%	
7	26	Yellowstone Diversion to lower headwaters	<= 343 miles	85	89.5%	67	70.5%	50	52.6%	40	42.1%	23	24.2%	23	24.2%	

7	26	Insufficient drift distance	> 343 miles	10	10.5%	28	29.5%	45	47.4%	55	57.9%	65	68.4%	72	75.8%	
7	27	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Intake Diversion to lower headwaters	<= 116 miles	4	4.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	27	Cartersville Diversion to upper headwaters	<= 253 miles	48	50.5%	38	40.0%	26	27.4%	19	20.0%	0	0.0%	9	9.5%	
7	27	Cartersville Diversion to lower headwaters	<= 284 miles	66	69.5%	44	46.3%	34	35.8%	25	26.3%	12	12.6%	12	12.6%	
7	27	Yellowstone Diversion to upper headwaters	<= 312 miles	77	81.1%	61	64.2%	41	43.2%	31	32.6%	19	20.0%	19	20.0%	
7	27	Yellowstone Diversion to lower headwaters	<= 343 miles	86	90.5%	71	74.7%	53	55.8%	41	43.2%	23	24.2%	23	24.2%	
7	27	Insufficient drift distance	> 343 miles	9	9.5%	24	25.3%	42	44.2%	54	56.8%	65	68.4%	72	75.8%	
7	28	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Intake Diversion to lower headwaters	<= 116 miles	4	4.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	28	Cartersville Diversion to upper headwaters	<= 253 miles	49	51.6%	39	41.1%	25	26.3%	19	20.0%	0	0.0%	9	9.5%	
7	28	Cartersville Diversion to lower headwaters	<= 284 miles	71	74.7%	48	50.5%	38	40.0%	25	26.3%	12	12.6%	13	13.7%	
7	28	Yellowstone Diversion to upper headwaters	<= 312 miles	77	81.1%	62	65.3%	43	45.3%	35	36.8%	20	21.1%	19	20.0%	
7	28	Yellowstone Diversion to lower headwaters	<= 343 miles	89	93.7%	74	77.9%	55	57.9%	42	44.2%	25	26.3%	25	26.3%	
7	28	Insufficient drift distance	> 343 miles	6	6.3%	21	22.1%	40	42.1%	53	55.8%	62	65.3%	70	73.7%	
7	29	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Intake Diversion to lower headwaters	<= 116 miles	4	4.2%	2	2.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	29	Cartersville Diversion to upper headwaters	<= 253 miles	54	56.8%	40	42.1%	26	27.4%	20	21.1%	0	0.0%	8	8.4%	
7	29	Cartersville Diversion to lower headwaters	<= 284 miles	71	74.7%	49	51.6%	39	41.1%	26	27.4%	13	13.7%	14	14.7%	
7	29	Yellowstone Diversion to upper headwaters	<= 312 miles	77	81.1%	68	71.6%	45	47.4%	38	40.0%	21	22.1%	21	22.1%	
7	29	Yellowstone Diversion to lower headwaters	<= 343 miles	90	94.7%	74	77.9%	60	63.2%	42	44.2%	25	26.3%	25	26.3%	
7	29	Insufficient drift distance	> 343 miles	5	5.3%	21	22.1%	35	36.8%	53	55.8%	58	61.1%	70	73.7%	
7	30	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Intake Diversion to lower headwaters	<= 116 miles	6	6.3%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	30	Cartersville Diversion to upper headwaters	<= 253 miles	59	62.1%	42	44.2%	26	27.4%	19	20.0%	0	0.0%	9	9.5%	
7	30	Cartersville Diversion to lower headwaters	<= 284 miles	70	73.7%	51	53.7%	40	42.1%	26	27.4%	13	13.7%	14	14.7%	
7	30	Yellowstone Diversion to upper headwaters	<= 312 miles	77	81.1%	68	71.6%	48	50.5%	39	41.1%	21	22.1%	21	22.1%	
7	30	Yellowstone Diversion to lower headwaters	<= 343 miles	91	95.8%	76	80.0%	62	65.3%	45	47.4%	26	27.4%	26	27.4%	
7	30	Insufficient drift distance	> 343 miles	4	4.2%	19	20.0%	33	34.7%	50	52.6%	57	60.0%	69	72.6%	
7	31	Intake Diversion to upper headwaters	<= 85 miles	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Intake Diversion to lower headwaters	<= 116 miles	4	4.2%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
7	31	Cartersville Diversion to upper headwaters	<= 253 miles	62	65.3%	42	44.2%	27	28.4%	20	21.1%	0	0.0%	10	10.5%	
7	31	Cartersville Diversion to lower headwaters	<= 284 miles	72	75.8%	56	58.9%	42	44.2%	28	29.5%	14	14.7%	14	14.7%	
7	31	Yellowstone Diversion to upper headwaters	<= 312 miles	80	84.2%	69	72.6%	47	49.5%	41	43.2%	21	22.1%	21	22.1%	
7	31	Yellowstone Diversion to lower headwaters	<= 343 miles	92	96.8%	76	80.0%	67	70.5%	47	49.5%	26	27.4%	27	28.4%	
7	31	Insufficient drift distance	> 343 miles	3	3.2%	19	20.0%	28	29.5%	48	50.5%	56	58.9%	68	71.6%	