

Interagency
Committee for
Outdoor
Recreation

Part 1 of 3

*State of Washington
Outdoor Recreation and Habitat*

*Assessment and Policy Plan
1995-2001*

November 1995

**Interagency
Committee for
Outdoor
Recreation (IAC)**

IAC serves the public by facilitating investments in outdoor recreation and natural resources. We do this through funding, technical assistance, planning, coordination, and advocacy. Our service reflects a commitment to public participation, openness, equity, and efficiency.

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*State of Washington
Outdoor Recreation and Habitat*

*Assessment and Policy Plan
1995-2001*

*A Statewide Comprehensive Outdoor Recreation Planning
(SCORP) Document*

*Prepared by the Interagency Committee for Outdoor Recreation
as required by RCW 43.99.025(3).*

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January 1996

Dear Reader:

The State of Washington is the steward of an impressive variety of natural resources. We are endowed with mountains, lakes and rivers, open spaces and scenic vistas, and abundant fish and wildlife. No wonder our state is such a wonderful place in which to work, live, raise a family, or enjoy a vacation.

As pressures from rapid population growth and development increase, it continues to be urgent that we work to preserve the natural resources we have until now taken for granted as the foundation of our quality of life. To address this issue, Washington State's Interagency Committee for Outdoor Recreation has developed this *Assessment and Policy Plan 1995-2001*, to guide state government activities in outdoor recreation and habitat preservation into the next century.

This *Plan* is the result of extensive public involvement. As we listen to the "voices of Washington," it becomes clear that our citizens do not regard outdoor recreation and nature as frills—these opportunities are regarded as essential elements of social and personal identity, health, and economic well-being.

I invite you to become personally involved in helping to implement the recommendations of this Plan.

Sincerely,


MIKE LOWMY
Governor



Acknowledgements

Mike Lowry, Governor

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Chapter One: Addressing Public Demand

It is a policy of the State of Washington to provide an adequate supply of outdoor recreation lands and facilities, wildlife habitat, and open space — resources essential to the health, welfare, and economic well-being of the State's citizens.

Why This Plan?

Washington's rapidly-growing population, changing demographics, and heightened public awareness of the relationship between the outdoors and quality of life combine to make statewide recreation and open space planning essential. This is recognized in RCW 43.99.025(3), a statute calling for the Interagency Committee for Outdoor Recreation (IAC) to "prepare and update a strategic plan for the acquisition, renovation, and development of recreational resources and the preservation and conservation of open space."

The Plan also maintains the state's eligibility to participate in the federal Land and Water Conservation Fund (LWCF) program.

Listening to Our Citizens

In preparation of this Assessment, IAC spent considerable time seeking guidance from the public and from professional recreation and habitat providers. Forums included a survey of recreation and habitat professionals, 21 public focus group meetings, a statewide issue-refining ("delphi") process including hundreds of people in leadership roles, and individual interviews (See Appendix 1).

Also, survey results and public comment heard during previous planning efforts were considered. Previous planning efforts include the 1990 *Assessment and Policy Plan*, the 1991 *Washington State Trails Plan*, 1992 stewardship planning that resulted in the publication *Legacy at Risk*, the 1993 *Nonhighway and Off-Road Vehicle Activities (NOVA) Plan*, and the 1995 *Boating Facilities Program Plan*.

Finding: People expect the State to provide essential outdoor recreation opportunities, including wildlife habitat and natural areas.

Finding: Strong public demand for nonmotorized trails and all water access continues to be unmet.

Finding: Public demand for quality outdoor recreation opportunities is overwhelming the ability of agencies at all levels, in both the public and private sectors, to provide adequate service.

Finding: Additional land and facilities are needed. Equally important is the proper stewardship of those lands and facilities already in public ownership.

The State's Strategy

In preparation of this *Assessment*, several strategic options were developed and considered. These alternatives ranged from the aggressive (and expensive) pursuit of additional land and facilities as one option, to divestiture of state properties as an opposite extreme. After examining information gathered in public forums, in discussions with key agencies and individuals, and in research, it was determined that there is little or no support for any but a balanced strategy of continued land acquisition, appropriate facility development, and proper stewardship of public properties.

The recommended strategy is to pursue most current state outdoors programs with some modifications. State programs are addressed in Chapter Four.

Land acquisition needs to be on a willing-seller basis. Use of less-than-fee methods of acquisition needs to be considered. Capital development programs should seek partnerships on a state-local-federal-private basis, seeking and utilizing a variety of funding sources. Stewardship of public land and facilities is a vital component.

A variety of state-managed outdoor recreation and habitat programs exist that, in total, could meet some of our citizens' outdoor recreation and habitat needs.

Of these programs, four have been identified as most likely to have a significant, positive impact on the public's demand for outdoor recreation and habitat opportunities. The four are:

- the Washington Wildlife and Recreation Program (WWRP);
- Trust Land Transfer Program;
- the parks system managed by the Washington State Parks and Recreation Commission; and
- the yet-unfunded State Wildlife and Recreation Lands Management (Stewardship) program.

It should be noted that adopting the recommended strategy is not a panacea. Continuing the state's current direction will only temporarily stay further unacceptable erosion of the public's ability to benefit from the outdoors of our state.

On the other hand, pursuing less than current direction will result in many lost opportunities. To willingly lose opportunities to expand and improve the state's system of parks, habitat, and recreation sites and facilities would be to ignore current and projected public demand. Public dissatisfaction is already developing from facility overcrowding, decreased convenience and access, and continued degradation of land and facilities.

Key State Programs Recommended for Investment, 1995-2001

1. Washington Wildlife and Recreation Program

From 1990 through 1994, the Legislature enabled state and local agencies to engage in a much needed program of acquisition and development by funding the Washington Wildlife and Recreation Program at approximately \$179 million. Significant additions were made to the state and local outdoor recreation and habitat inventory (see Appendix 3). Actual applications to IAC, the managing agency for WWRP, totaled two-and-a-half times the appropriated amount — \$448 million in requests.

One of the notable features of the WWRP is that state capital spending for outdoor recreation and habitat purposes appears to have shifted away from a previous tendency toward line-item, agency-specific projects. Instead, the WWRP process has been entrusted with directing capital spending.

WWRP has allowed a more thorough evaluation of proposed capital projects and has resulted in a better investment of capital funds.

In 1994, IAC recommended future WWRP budget requests of \$90 million for each biennium from 1995 to 2001, a total of \$270 million. Investing \$270 million could result in acquisition and development of much-needed outdoor recreation sites and habitat lands, including:

- 2,000 acres of public water access sites;
- 400 miles of trails;
- 4,000 acres of additional local parks, and an additional 9,000 acres of State Parks; and
- additional natural areas and wildlife habitat including habitat in urban areas as needs are identified.

2. Trust Land Transfer Program

Between 1991 and 1995, the State Legislature funded transfers of more than 94,000 acres from various DNR-managed public land trusts to State Parks, Natural Area Preserves, and Natural Resource Conservation Areas. The transfers served several important functions: providing immediate income that the trust might otherwise have foregone, adding important acreage to high-demand State Parks such as Moran and Beacon Rock, and protecting important natural areas for wildlife and the education and enjoyment of present and future generations. Total value of the transfers during this period was over \$260 million.

In January 1995, the Department of Natural Resources submitted its budget request for the Trust Land Transfer program, under which certain trust lands with outstanding natural, parks or recreational significance are transferred to protected status under more appropriate ownership. The combined value of all parcels identified was \$190 million. Although DNR requested only 52 percent funding, or \$100 million, for the highest priorities in 1995-97, no money was appropriated by the 1995 Legislature.

This *Assessment* recognizes the immense value of the Trust Land Transfer program toward meeting a portion of public demand for outdoor recreation and habitat lands.

IAC recommends that critical transfers be made between 1995 and 2001. If accomplished, transfers as proposed in 1995 would result in:

- 800 acres of additional state and local park land;
- 17,900 acres of natural areas and resource conservation areas, both of which add to the open space and habitat estate; and
- Continued flow of dollars to school construction, and the purchase of replacement income-producing assets for the trusts.

3. State Parks

State Parks plays a critical role at the front line of meeting the state's outdoor recreation obligation. It has also assumed a growing role in the protection of natural areas, in water access (especially for boaters), and in environmental education. Perhaps no other Washington state agency serves as many people with as few human and operational resources.

State Parks completed a restructuring study in late 1994. The study documented the agency's struggle to continue to meet high public demand with declining resources.

Based on focus group and delphi participant responses (see Appendix 1), IAC has concluded that further erosion of State Parks' financial and human resources will result in an unacceptable decline in service to the public. In addition, State Parks staff deserve a safe and reasonable working environment. In light of the large financial contribution that tourism and outdoor recreation play in our state, continued general fund support of State Parks is appropriate. Therefore, IAC recommends a minimum of \$60 million per biennium to continue current State Parks staffing and programs.

4. State Wildlife and Recreation Lands Management (Stewardship)

Stewardship is the proper care of lands and facilities. The state is the steward of land and facilities owned by the people. As a steward, the state is responsible for the operation and maintenance of state-owned properties.

In 1992, a State Wildlife and Recreation Lands Management Task Force prepared a detailed report to the Governor and Legislature concerning the maintenance

and operations needs of state-owned recreation and habitat-related lands and facilities. These needs ranged from control of noxious weeds to fence repair, from painting and re-roofing buildings to maintaining roads.

The Task Force's findings were published in *Legacy at Risk* (IAC, 1992). The Task Force recommended \$42 million per biennium for shortfalls related to ongoing management responsibilities, and a one-time operating catch-up investment of \$61.1 million.

In this *Assessment*, IAC reconfirms the State's obligation for the responsible stewardship of its lands and resources. The one-time operating catch-up needs to be emphasized, as this critical action was first articulated in 1992 and has been only partially addressed since. \$5 million was appropriated to State Parks for the 1993-95 biennium.

An investment in stewardship would help to ensure that public land and facilities are accessible and useable not only for the present generation but for generations to come. Other clear benefits include:

- bringing state facilities and lands up to a sustainable standard for maintenance purposes;
- increasing visitor safety while reducing facility crowding and damage caused by over-use;
- avoiding premature capital reinvestment; and
- reducing adverse impacts on adjacent private lands.

Funding suggestions are found in *Legacy at Risk*. The State needs to consider a permanent stewardship endowment.

Benefits of Meeting Public Demand

Making State investments in outdoor recreation and habitat will result in tangible and intangible benefits. These affordable benefits will help to ensure that we retain a Washington State that the public expects to experience today and leave unimpaired to its grandchildren.

Anticipated benefits include:

- Providing places for people to use and enjoy scenic beauty, as well as natural sites and areas that help define Washington State's quality of life.
- Attracting and retaining people who make up a quality work force, while helping to ensure that people lead healthier and more satisfied lives.
- Helping to attract and retain business and industry.
- Generating economic activity, jobs, and business opportunities. The boating industry alone generates \$3.5 billion a year in direct and indirect economic benefit to the state (Northwest Marine Trade Association). Direct expenditures nationally for wildlife-related recreation generate \$2.3 billion and 42,000 jobs (Southwick Associates).
- Providing facilities for youth, including environmental education, sports, youth-at-risk programs, and family-oriented recreation.

- Attracting visitors and tourism dollars, often to rural or economically distressed communities in the greatest need of economic development.
- Helping to maintain the state's diverse fish and wildlife populations and averting potential listings of threatened or endangered species.

"Outdoor recreation is more than just an amenity for Washington residents and visitors. It is a way of life and a major part of our economy that we cannot afford to degrade or lose." *Outdoor Recreation and Wildlife Habitat Needs Assessment, Washington Wildlife and Recreation Coalition, 1989.*

Chapter Two: Setting Priorities

It is a policy of the State of Washington to provide a diversity of recreation opportunities by protecting, increasing, and optimizing recreation resources.

Achieving the goals of this Assessment is possible only if there is a collaborative effort among active, informed citizens and responsive government.

Proposals for new or expanded recreation sites and facilities and habitat areas, and for the proper stewardship of state properties, are expected to emerge from both the grass-root citizen level and from professionals within recreation and natural resource agencies.

IAC recognizes that state government will likely have fewer financial resources with which to work between 1996 and 2001. Therefore, any proposal for acquisition or development must be subject to a prudent and thoughtful process that strives to meet genuine public priorities.

Based on the public involvement process, its management of significant state grant funds, and research for this document, IAC recommends priorities within broad opportunity categories:

- Water access
- Trails
- State and local parks
- Natural areas, and
- Critical fish and wildlife habitat.

The next several pages emphasize the need for acquisition, especially to expand and enhance both the utility and management of existing sites. There is an equally critical need for the resources necessary to accomplish proper stewardship of public land and facilities. Further discussion of stewardship issues can be found in *Legacy at Risk: State Wildlife and Recreation Lands Management Task Force Report* (IAC, December 1992).

Water Access Sites

IAC surveys indicate that the public wants facilities in settings that include water access *more than any other type of setting*. While people can participate in recreational activities in any number of settings, the preferred setting is water-oriented, whether a river, stream, lake, or salt water shore. State and local government share the bulk of the responsibility of providing water access.

Priority needs to be given to projects that:

- Serve multiple state objectives including recreation access, preservation of habitat, and watershed restoration; and

- Provide a trail opportunity on, to, or along the water.

Development of water access sites needs to emphasize pedestrian facilities such as footpaths or trails, picnic sites, hand launch facilities, and water's-edge view points with interpretive features.

For motorized boating, launch ramps and transient facilities are clear priorities. Publicly owned marinas are a lower priority for most citizens and recreation providers.

Watershed planning should include identification of sites or areas appropriate for public water access. Further, the state's water use policy needs to consider in-stream flows needed for recreation.

Trails

The most popular and most rapidly-growing outdoor *activities* are those that take advantage of trails. In particular, walking, whether on a trail, path, sidewalk, or road shoulder, has emerged as a major and rapidly-growing recreational activity. Bicycling, on roads as well as on trails, is also important.

State goals and policies concerning trails are found in the *Washington State Trails Plan* (IAC, 1991). Major points of the *Trails Plan* are restated here for emphasis.

The greatest trail-related need statewide is for walking and bicycling in populated areas. City and county trails are a clear priority, especially those trails and paths that serve a dual recreation-transportation function. The next greatest need is for nonmotorized trails that connect populated areas to rural and remote areas, such as the Cross-State Trail and its major spur routes. Horse trails are needed in populated areas, as well.

Criteria for state support of proposed trail projects include:

- Those that can demonstrate high need in a given area with high projected use;

- Well-designed trails, especially trails offering barrier-free opportunities;

- Trails that provide linkage with other trails and between and among communities; and

- Trails that help meet the high demand for water access, provide for wildlife corridors, and offer scenic values.

Parks — Local Agency Parks are as integral to a community's infrastructure as water systems, streets, police, fire stations, and schools. Through their direct contact with children, youth, and families, parks and recreation agencies have a powerful and positive influence on important social issues such as crime prevention.

People involved in focus groups and delphi surveys made it clear that the State has an obligation to assist local communities in providing adequate park facilities. Local agencies, in turn, can help implement certain state policies, such as the preservation of open space and prevention of youth violence, through parks and recreation programs.

Citizen participants in focus group meetings were asked to identify the facilities most desired in a park. The most frequently selected local park amenities statewide were, in this order:

1. Natural areas
2. Unpaved trails
3. Playgrounds
4. Beaches (on any water type)
5. Picnic areas
6. Paved trails
7. Outdoor swimming pools
8. Water viewpoints
9. Boating access
10. Sport fields and courts:
baseball/softball, basketball,
soccer, tennis.

An increased appreciation of the natural environment, participation in trail-based activities, and a high need for water access were common threads found throughout the tapestry of public comment. These threads need to be woven into the pattern of local parks statewide.

Washington Outdoors: Assessment and Policy Plan 1990-1995 reported "walking in neighborhood parks" as the second most popular type of outdoor recreation in the state, with one of the highest projected growth rates through the end of this century. Other activities dependent on parks include using playground equipment, picnicking, softball, soccer, tennis, and other field sports.

Priorities for state support of local parks include new or expanded neighborhood and community parks in rapidly urbanizing areas, and proposals supported by local financial commitment.

State Parks—Washington's state park system is one of the smallest of its kind, in acres, among the 11 western states. Among the same group of states, it has the second highest visitation. The State Parks system is too small to meet current and projected public recreation demand.

Priority needs to be given to State Park acquisitions and developments that:

Expand camping opportunities;

Provide additional types of compatible use of an existing site;

Interconnect, solidify or "block up" ownership to help ensure the efficient stewardship of an existing site (e.g., acquire in-holdings); or

Preserve a site or feature of statewide significance (that is, with natural, cultural, historic or other features atypical of those available within a region or rare or difficult to locate or preserve elsewhere).

Natural Areas

Public meetings and surveys revealed a growing public appreciation for and a desire to protect the environment, especially natural settings. The public believes that the State has an active role in acquiring or supporting the acquisition of natural areas.

Natural areas include sites that contain significant conservation resources, such as rare or vanishing flora, fauna, geological, natural historical, or similar features of scientific or educational value.

When considering acquisition, priority should be given to sites that:

- Best represent a natural area type, with excellent ecological quality;
- Offer connectivity and long-term manageability and viability;
- Have excellent scientific and/or educational value, and/or a diversity of natural features;
- Protect species listed as threatened, endangered, or sensitive;
- Have a high level of species diversity;
- Are most likely to protect identified resources in perpetuity; and
- Where appropriate, have potential for low-impact public use.

Critical Fish and Wildlife Habitat

Results of the public involvement process reconfirmed that people want to enjoy nature and to interact with wildlife. Some traditional consumptive activities, especially hunting, are being joined and surpassed by newer, nonconsumptive activities including wildlife observation and photography. The Skagit Wildlife Area, for example, attracts over 1 million visitors annually just to view migratory waterfowl. The key to preserving fish and wildlife, of course, is the preservation of habitat.

The state is interested in preserving a variety of habitat sites. Habitat examples are wintering range for deer and elk; wetland habitat for waterfowl and fish; upland habitat for birds; habitat for listed endangered, threatened, or sensitive species; and habitat that maintains or enhances species diversity.

When considering acquisition, priority needs to be given to sites that:

- Offer the best potential to meet objectives of species recovery plans or provide for protection and enhancement of priority fish and wildlife species and native habitat;
- Enhance an existing property in terms of connectiveness, long-term management considerations, habitat protection and species viability; and
- Offer public use potential, ensuring site protection while allowing visitors to visit freely and engage in fish or wildlife related activities.

Criteria Common to All Opportunity Categories

Further criteria for state acquisition or enhancement of recreation, open space, and habitat lands should include:

- Need for state action to ensure continued public availability of a recreation site, especially for a site of statewide significance;

- Demonstrated public support;

- Consistency with published or adopted local, regional, or statewide recreational or resource plans. Plans could include watershed plans, corridor management plans, landscape management plans, and plans developed to satisfy the requirements of the Growth Management Act (GMA);

- Service areas emphasizing populated areas;

- Partnerships between or among all levels of government, nonprofit organizations, and the private sector that demonstrate coordinated planning and management and lower costs to the public;

- Opportunities for lower government costs through donation, easement, volunteer labor, and other means; and

- Acquisition from willing sellers.

Compliance with the Americans with Disabilities Act (ADA) is expected in all state-supported programs.

Chapter Three: Funding

It is a policy of the State of Washington to encourage all agencies to establish a variety of financial resources which can be used to significantly reduce the backlog of needed outdoor recreation and open space projects.

At present, it appears that no single source of funding is sufficient to meet the almost overwhelming demand for outdoor recreation and habitat lands statewide. A combination of funding sources must be considered.

Respondents in the public involvement process identified the following possible funding sources: user fees, private development impact fees, recreation user environmental impact fees, sporting goods tax, conservation futures tax, sale of general obligation bonds, real estate excise taxes, gas taxes, and property taxes.

In its report *Outdoor Recreation and Wildlife Habitat Needs Assessment* (December, 1989) the Washington Wildlife and Recreation Coalition reviewed these and other funding options such as hotel-motel taxes and retail sales taxes on outdoor equipment. The Coalition's report noted that an appropriate funding source must meet certain tests including:

- equity-fairness
- adequacy
- acceptability
- impact on other public programs
- future revenue potential, and
- administrative feasibility.

Its conclusion was that the sale of general obligation bonds was the best means of financing state-funded capital acquisitions.

In *Legacy at Risk: State Wildlife and Recreation Lands Management Task Force Report* (IAC, December 1992), the Task Force examined similar funding options for stewardship purposes. The report listed a number of recommended revenue sources, including an increased motor vehicle excise tax, increased off-road vehicle use permit fees, an automobile rental fee, a retail sales tax on motor vehicle fuel, a real estate excise tax increase, and a "state lands recreational use permit fee."

The State has historically used bonded indebtedness to help meet increasing demands for recreation opportunities and to protect sensitive resources. IAC has often administered proceeds from the sale of general obligation bonds to finance public investments in outdoor recreation lands and facilities and wildlife habitat.

Examining these investments over time suggests that initiatives such as the WWRP are not unusual in scale. In the 1960s, for example, the State invested \$50 million in recreation-related capital improvements from the sale of general obligation bonds (\$10 million from Referendum 11 in 1963 and \$40 million from Referendum 18 in 1967).

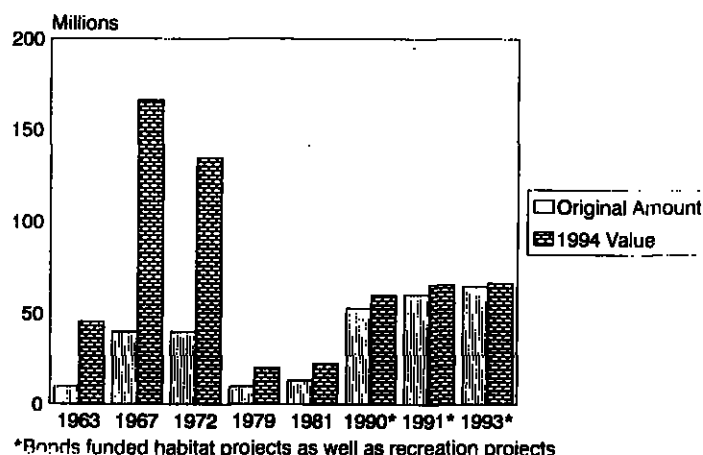
Adjusting for inflation, this amounts to \$212 million in 1994 dollars. Between 1990 and 1994, the WWRP provided \$178 million, or \$193 million in 1994 dollars, roughly half of which went for recreation projects, and the remaining half to habitat projects.

Considering the effects of population growth makes past programs even more impressive. Using 1994 dollars, the State invested \$51.48 per capita through the 1967 referendum, compared to \$12.72 per capita through the 1993 WWRP. While population growth has increased the need to provide more recreation lands and protected critical wildlife habitat, the State currently is doing less per person to meet the need.

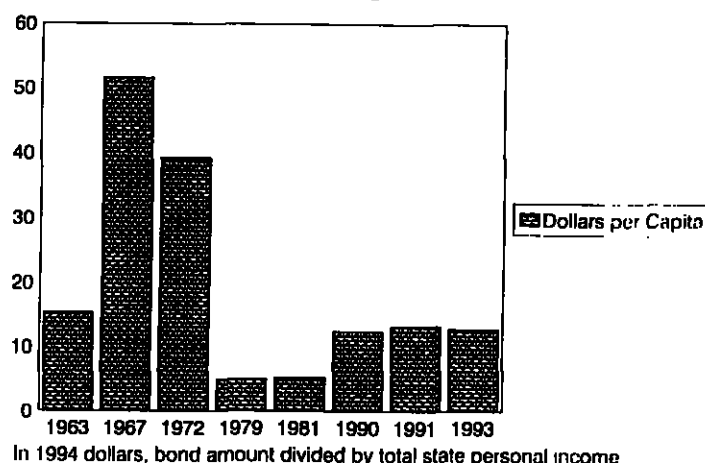
It must be noted, however, that WWRP has been a sustained effort over succeeding years. Previous referenda and bond issues tended to be spaced five to seven years apart.

It continues to be important to research new and innovative funding methods for outdoor recreation and habitat. As noted previously, critical stewardship needs perhaps could be addressed by a permanent fund or endowment.

Value of IAC-Managed Bonds



Per Capita General Obligation Bond Investment



Chapter Four: Recommendations for Providers

In public forums and individual interviews conducted for preparation of this Assessment, IAC heard suggestions for certain actions on the part of public agencies and private organizations. Many of these suggestions are found in the following pages.

It must be noted, however, that IAC is cautious about making recommendations for specific actions. This *Assessment* attempts to bring attention to major policy areas and actions without creating unrealistic expectations. IAC cannot define, direct, or immediately impact the policies and programs of others, and it does not directly affect the budgets of others. In addition, there is no constructive purpose in proposing that other agencies engage in specific activities they may not be willing or able to undertake.

IAC therefore prefers that this *Assessment* make general recommendations to others while reserving an action plan for its own programs.

The general public and public agencies are increasingly aware of the benefits of partnerships. All agencies are encouraged to seek opportunities to work across jurisdictional boundaries to increase efficiencies wherever possible.

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Interagency Committee for Outdoor Recreation (IAC)

“What’s IAC? I’ve never heard of it.” Several different focus group participants at different meetings.

IAC is a small state agency that serves the public through two major areas of responsibility: maintaining the Statewide Comprehensive Outdoor Recreation Planning (SCORP) program and its various documents, and providing grant funding and technical assistance to public agencies.

While grant funding has traditionally enjoyed more visibility and support, planning and policy research have contributed valuable coordinating and, at appropriate times, advocacy services for the public.

Between 1995 and 2001, IAC will:

- Continue to provide grant services as funds are made available by appropriation, initiative, referendum, or other means;

- Offer to facilitate a process to examine state agency roles and responsibilities in outdoor recreation and habitat activities;

- Continue to facilitate dialogue concerning critical stewardship needs;

- Examine whether dedicated funds are helping to meet state priority needs or encourage provision of lower demand or less desirable recreational lands and facilities;

- Continue strong technical support for local agencies, and extend planning assistance to state agencies where invited and feasible;

- Conduct research on outdoor recreation participation statewide, including the economic impact of recreation and habitat;

- Improve the compilation of useful recreation facility and resource inventory data on a statewide basis;

- Facilitate discussion among agencies, legislators, and interest groups on public land ownership policy;

- Conduct research on public land ownership, use, and conversion;

- Seek ways to work with non-government organizations such as land trusts to leverage public funds;

- Seek ways to make local citizens and recreation providers aware of the need to integrate recreation into non-traditional planning, including watershed, natural resource, heritage, transportation, and landscape planning;

- Explore possible roles in regional recreation and open space planning;

- Research and advocate for innovative funding methods for outdoor recreation and habitat purposes; and

- Manage for efficiency and fairness in state outdoor recreation capital investments.

Washington State Parks and Recreation Commission (State Parks)

“On the surface, you see a park system enjoyed by 46 million visitors a year, whether they are campers, hikers, boaters, snowmobilers, equestrians, mountain bicyclists, or families looking for a place to get away from it all. Focus a microscope on the state park system, however, and you’ll get a very different image. You’ll find a system crumbling under the weight of recurring budget cuts, staff losses, and increasing public demands.”
Restructuring Washington State Parks and Recreation, Washington State Parks and Recreation Commission, December 1994.

State Parks holdings are a collection of properties gathered through donation, transfer from other branches of government (such as abandoned military installations), and purchase. Some purchases have been made in response to legislative or public pressures that have relatively little to do with the rational development and management of a state-wide park and recreation system.

In total, Washington’s state park system is too small, as are most individual parks. Of the 11 western states, Washington has the smallest-sized state park system, but is second in annual visitation. Most parks consist of a concentrated site that cannot accommodate a wide variety of activities.

Between 1995 and 2001, IAC recommends that State Parks:

Aggressively pursue implementing the goals of the report *Restructuring Washington State Parks and Recreation (State Parks, December 1994)*, balanced with the widespread public interest in experiencing nature and preserving the environment, and offering recreational opportunities at an affordable cost;

Expand camping opportunities for those seeking predominantly natural settings. While the provision of camping utilities such as water-power-sewer is often appropriate, heavily developed camp grounds dominated by asphalt, convenience stores, video game arcades, cable television, and other costly amenities are usually best provided by private enterprise;

Continue to provide significant trail opportunities including completion of the Cross-State Trail;

Expand existing parks, especially those convenient to populated areas;

Accommodate emerging outdoor uses such as mountain bicycling where appropriate;

Continue to provide services for recreational boating, while considering additional facilities on significant water bodies such as the Columbia River; and

Undertake a statewide acquisition and development plan while cooperating in a process to examine its role and responsibilities in concert with other state agencies.

Department of Natural Resources (DNR)

“On DNR-managed uplands (trust lands), DNR should be more accurately portrayed as a landowner/trustee managing public use, rather than a recreational agency. The Department views recreation (facilities, activities, etc) as a tool for managing public use.” *Memorandum from DNR to IAC, September 1994.*

DNR's traditional agency focus on financial return to the various public land trusts, usually through forestry and commodity production, relegated public use, including recreation, to a secondary role. More recently, the agency has been faced with attempting to integrate public recreation demands not necessarily in harmony with traditional trust land management. On Tiger Mountain, for example, the public claimed large sections of highly productive (and desirable) forests by building its own trail system, reducing the ability of DNR to manage the Tiger area for trust income purposes. DNR planning for trail-based recreation began later.

While state-managed forests, beaches, and aquatic lands are not state parks, they are subject to the Multiple Use Act (79.68 RCW). The Act allows for recreational uses as long as the uses are compatible with legal and fiduciary trust responsibilities. Meeting the public's recreational demands is not a trust responsibility in the legal sense; however, it is important that DNR recognizes that the public perceives that trust lands are open to all recreational uses.

Proactive planning for public use is essential. DNR needs to balance trust management obligations, environmental concerns, and safety while also addressing public demand for recreational use of trust lands. This planning must consider that the public may not understand or tolerate a

locked gate policy, and that people may not bring acceptable behavior with them. The use of tools including user fees, the Natural Resource Conservation program and the Natural Area Preserve program, in addition to the provision of appropriate facilities on trust properties, can help to address public expectations. Between 1995 and 2001, IAC recommends that DNR:

- Aggressively pursue full funding for the Trust Land Transfer Program, taking advantage of IAC's experience in establishing acquisition priorities;

- Complete a public use policy for trust and other lands;

- Use the Aquatic Lands Enhancement Account (ALEA) to help meet public demand for water access;

- Increase its on-the-ground presence including volunteer programs, especially in high use areas on weekends and holidays, to increase visitor safety and diminish unacceptable behavior; and

- Take advantage of IAC grant funds to provide managed areas for shooting, as well as camp and trail maintenance and law enforcement through the Nonhighway and Off-Road Vehicle Activities program.

Washington State Department of Fish and Wildlife (WDFW)

“Fish and wildlife resources are among the state’s most valuable natural resources. The outlook is grim, however, unless the state seizes opportunities to change current trends in habitat impact and loss.” *Washington State Department of Fish and Wildlife, draft “Habitat Partnerships,” 1994.*

WDFW is required by both the Fisheries Code and the Wildlife Code (titles 75 and 77 RCW) to preserve, protect, perpetuate, and manage food fish, shellfish, and wildlife throughout the state. It is also required to maximize game fish, hunting, and outdoor recreational opportunities compatible with healthy and diverse wildlife populations.

As a result of its efforts to secure native habitats for native and desirable species, WDFW owns or controls over 850,000 acres of land which is primarily managed to maintain and enhance habitat. WDFW also has cooperative habitat development and access agreements with over 600 private landowners under the Upland Wildlife Restoration Program. These agreements cover more than 1 million acres. Overall, however, WDFW has been unable to slow the rate of habitat loss statewide. Urban growth, development, timber, and agriculture impacts continue to contribute to the decline of habitat necessary for sustaining fish and wildlife populations.

WDFW is notable for providing over 600 public fishing access sites statewide. Some of these sites, especially in urbanized areas, have become *de facto* local parks that some people use for anything but fishing. These high use sites are an increasing problem for WDFW, requiring increased staffing and site management that the agency cannot afford.

The Department has been under-staffed and under-funded for years. For example, WDFW reports that one staff person is responsible for the maintenance of 120 public recreational fish and wildlife access sites covering an area from Long Beach to Port Angeles. About half of these sites have obsolete sanitary facilities that are increasingly unacceptable; of the more modern toilets, only half can be pumped out annually for lack of funds.

Between 1995 and 2001, IAC recommends that Fish and Wildlife:

- Establish a program-level recreation facility effort, better defining its goals for acquisition, development, and operation of public recreational fish and wildlife access sites;

- Examine all opportunities to enhance funding for improved management of its holdings;

- Promote public appreciation of fish-wildlife issues by increasing compatible public access to wildlife recreation lands for low-impact, non-consumptive activities; and

- Better document the need and develop strategic plans for acquiring additional publicly-owned habitat lands, including improved methods of selecting and prioritizing habitat lands for acquisition or protection through less-than-fee methods.

Washington State Department of Transportation (WSDOT)

“Lack of transportation is one of the biggest obstacles we have in getting disadvantaged kids involved in our recreation programs.” *Participant, Spokane focus group, 1994.*

WSDOT has completed the *Statewide Multimodal Transportation Plan*, in which it proposes actions for increasing the supply of public transportation, intercity passenger rail service, and bicycle and pedestrian facilities. Each of these actions should provide direct benefits to low income populations, youth and older people, and others who otherwise have difficulty accessing outdoor recreation.

WSDOT has an especially important leadership role in providing for bicycling facilities. These facilities are transportation oriented, but like highways will be used by significant numbers of people for non-utilitarian purposes. WSDOT has identified a need for more than \$230 million for urban bicycle connectors and rural bicycle route highway shoulders over the next two decades. This funding level, if realized, would be a ten-fold increase over previous levels and would be one of the most important steps taken by WSDOT to help accommodate bicycle use.

The WSDOT Heritage Corridors program is an attempt to integrate traditional highway activities with the preservation of cultural, scenic, recreational, and other values. The program has emerged as an important interface with citizens whose interests are normally perceived as contrary to an efficient highway system.

WSDOT has also begun to take progressive measures to provide for pedestrian use in urban areas. WSDOT can help to provide facilities such as pedestrian overpasses that help to overcome barriers to walking and encourage nonmotorized transportation.

Between 1995 and 2001, IAC recommends that WSDOT:

- Fully implement the Bicycle Policy Plan and the Bicycle Element of the Highway Systems Plan;

- Fully implement recommendations of the Heritage Corridors program to improve access to recreation sites and facilities, and increase services to the traveling public, especially for nontraditional highway travelers;

- Continue to cooperate with State Parks to improve pedestrian and bicycle safety at parks bisected or bordered by state highways;

- Continue to cooperate with agencies providing programs or services funded by statutory refunds of motor vehicle fuels; and

- Continue interagency cooperation with WDFW and other agencies in correcting or mitigating damage from highway construction to fish and wildlife passage and habitat.

Department of Ecology (Ecology)

“Managing the shore in fair and environmentally sound ways and increasing opportunities for public access are responsibilities that we and our associates face daily in administering the Shoreline Management Act.... Nevertheless, statistics prove that in spite of these efforts, the public still has few recreational opportunities along the shore and many of the shore’s natural resources continue to be damaged and destroyed. Along many stretches of shore, there are few places where the public can go.” Washington Public Shore Guide: Marine Waters, Scott and Reuling, Department of Ecology, University of Washington Press, 1986.

Though not a recreation agency, Ecology has an impact on the public’s ability to gain access to water and on the protection of natural features of the state’s shoreline. Ecology’s administration of the Shoreline Management Act (SMA), the Coastal Zone Management (CZM) Act, and the Flood Control Assistance Account, give the agency an important voice for the public’s desire for water access and natural area protection.

Working as an SMA partner with public agencies, Ecology reviews shoreline plans and permits. Increasing both public access to publicly owned areas of the shoreline and recreational opportunities for the public in the shoreline are statutory priorities in the Act.

Under provisions of the federal Coastal Zone Management Act, section 306j, Ecology provides limited funds to local agencies for shoreline management activities. Grants vary from shoreline plan development to redevelopment planning, and include public water access. Under CZM section 315, Ecology also participates in the National Estuarine Research Reserve Program, a federal-state partnership which includes public recreation elements.

The Flood Control Assistance Account, supported by the Public Works Trust

Fund, assists local agencies in flood plain planning and flood protection projects. Public access to water and natural area protection can be an important part of these projects when they link with flood attenuation goals. For example, trails can be placed on the tops of dikes and levees, or canoe access allowed in riparian wetlands purchased for flood control.

Ecology is often criticized, fairly or not, by citizens decrying government regulation and enforcement. Ecology could provide a useful public service while helping to meet a critical public need by increasing its commitment to public access to water.

Between 1995 and 2001, IAC recommends that Ecology:

Place more emphasis on public access and public recreation in its management of the SMA, the CZM Act, and the Flood Control Assistance Account; and

Provide increased technical assistance to people and agencies willing to provide public access to water or protect shoreline and wetland areas through regulatory and non-regulatory approaches.

Local Agencies

“Although pressures on national and state parks have been well documented in the national and local media, the most pervasive pressures have been on local park lands.”
Outdoor Recreation and Wildlife Habitat Needs Assessment, Washington Wildlife and Recreation Coalition, 1989.

In terms of lands and facilities, the traditional role of local recreation agencies has been to provide 1) play courts, fields, and equipment for active, sometimes competitive recreation, and 2) passive park areas in which people experience a version of nature that is controlled and made safer in the urban context of relative comfort and convenience. In recent years, this role has evolved to include natural resource oriented concerns, including the protection of natural areas and habitat.

Local providers are increasingly involved in a variety of social and community service issues. For example, local parks are assisting those providing for youth-at-risk and older citizens.

The state has been active in assisting local capital development while leaving the burden for operating and maintaining this development to the local agencies. Increasingly, however, the state has asked local agencies to assist the state in achieving certain goals in exchange for the state's financial support. These goals include the preservation of habitat and open spaces.

In addition to the local park priorities outlined in Chapter 2, IAC recommends that local agencies take the following actions between 1995 and 2001:

- Emphasize the development of trails and paths for walking and bicycling;

- Provide water access sites;

- Provide local parks that preserve sites with natural characteristics, including wetlands;

- Seek partnerships with traditional and nontraditional entities such as school districts, law enforcement agencies, and non-government organizations to better serve youth;

- Enhance public safety at parks and recreation facilities through increased personnel presence, appropriate lighting, and other means;

- Be the principal public providers of swimming pools (indoor and outdoor), play courts, and fields for sports and competitive activities such as soccer, softball, basketball, and baseball; and

- Work with transportation providers to address the transportation needs of low-income clients, as well as nonmotorized trail and path users.

Federal Agencies

“Public land management is complicated by a long series of laws and regulations enacted over many years. This has resulted in a situation once described... as a crazy quilt of apparently mutually incompatible statutory directives.” *Federal Register*, Vol. 60, No. 71, page 18888.

While state and local agencies can provide developed recreation sites and urban-rural experiences, only federal agencies have the extensive land base needed to provide primitive and semi-primitive opportunities in largely unaltered settings. That land base is used extensively by Washingtonians. Further, federal agencies often have expertise in many areas of value to local and state agencies. Federal agencies are encouraged to share their expertise with these and other partners. The IAC recommends the following priority actions for federal agencies between 1995 and 2001:

USDA Forest Service:

Identify and aggressively pursue funding for adequate maintenance and operation of all recreation facilities, especially camp grounds and trails; and

Retain semi-primitive areas on a no-net-loss basis.

United States Fish and Wildlife Service, Corps of Engineers, Bureau of Reclamation:

Include recreational needs, especially recreational boating, in any changes to the operation of the Columbia River system for salmon recovery purposes, and in future negotiations concerning in-lieu fishing sites.

USDI National Park Service:

Aggressively pursue the agenda of *An American Network of Parks and Open*

Space: Creating a Conservation and Recreation Legacy, National Park Service, 1994, and related efforts to build support for investments in America's outdoors; and

Work with states to assure efficiency in LWCF program management.

All Federal Agencies:

Work with the Congress and states in endorsing the long-standing policy of using national non-renewable resource revenues to aid permanent investments in local, state, and national elements of America's outdoor recreation and conservation facilities;

Assist efforts by the states, citizens, user groups, and coalitions to sustain and renew support for continued outdoor recreation investments by public and private organizations;

Work cooperatively with the states as federal streamlining and downsizing efforts proceed, to ensure continued effective and efficient partnership; and

Integrate recreation resource planning processes with state and local counterparts as suggested by the National Governors Association (1995).

It is a policy of the State of Washington to work in partnership with federal agencies to ensure the availability of a variety of settings for outdoor recreation.

Private Sector

“For years, people have been visiting our forests to hike, fish, and hunt. And usually folks have been so captivated by their experience, they’ve left their hearts behind. Unfortunately, for a thoughtless few, that’s not all they’ve left. The same forest that’s home to eagles and deer has recently become home to everything from bottles to refrigerators. So much so that in certain places we can’t tell the forest from the trash.”
Weyerhaeuser Company, Snoqualmie and White River Forest Access Fee brochure, 1994.

The State of Washington honors the rights of the private landowner, whether a large corporation or an individual owner. The state seeks to reduce impacts to private property by providing the recreating public with sufficient access to publicly-owned recreation and habitat lands in order to reduce demand for access to private land. The state also encourages willing owners to allow public use of their property, in part through limits on legal liability.

Certain outdoor recreation facilities are more appropriately developed and offered by the private sector, and may be undesirable for public ownership. These tend to be highly-developed, sophisticated facilities such as aquatic parks, recreational vehicle parks, convenience- and amenity-oriented campgrounds, golf courses, auto and horse race tracks, and full-service marinas.

At the same time, however, there has never been a more important and compelling need for public-private collaboration. Examples include:

Private financing of public facilities, for example through certificates of participation, may prove to be increasingly important;

Private non-profit organizations offering unique services as

advocates and also as intervenors. Land trusts, for example, can often step into land transactions when government is constrained;

Clubs, organizations, and associations offer important and invaluable volunteer services. The state welcomes and encourages volunteers in many programs. It is increasingly, if not critically important that volunteers take a greater interest in maintenance and operation-oriented tasks;

and, most importantly,

Individuals without whose commitment of personal time and resources there would be no programs and no successes.

It is a policy of the State of Washington to encourage the private sector to contribute needed recreation opportunities to the public.

Chapter Five: Strategic Options Considered But Not Recommended

Chapter 43.99 RCW requires IAC to develop and maintain a statewide plan for outdoor recreation and open space that includes "an analysis of strategic options and decisions available to the state."

In preparation of this *Assessment*, several strategic options were developed and considered. These alternatives, summarized below, range from the aggressive (and expensive) pursuit of additional land and facilities as one option, to divestiture of state properties as an opposite extreme. In discussion with key agencies and individuals it was determined that there is little or no support for any but a balanced strategy. The strategy emphasized throughout this *Assessment* includes the proper stewardship of public land and facilities combined with continued land acquisition and capital development on a shared state-local-federal-private basis, seeking and utilizing a variety of funding sources for agencies and programs.

Options considered but not recommended include:

1. Stewardship emphasis, slow growth.

Under this option, the state would emphasize the stewardship of its currently-held lands and resources. This means that maintenance and operation of existing sites and facilities would have precedence over the acquisition of new lands or sites. Acquisition of new land would take place only in those unique situations where an outstanding opportunity might arise to acquire land exceptionally suitable for public purposes. Any development of the

new (and rare) acquisition would be deferred indefinitely.

One option could be to shift capital dollars to maintenance and operation purposes. This would be a radical departure from tradition, and would require several changes to statute.

In general, foregoing opportunities to expand and improve the state's system of parks, habitat, and recreation sites and facilities would not meet current and projected public demand. Public dissatisfaction would probably result from likely outcomes that include even more overcrowding and inconvenience, as well as continued public perception of unresponsive government or degraded quality of life.

2. High Growth: aggressive pursuit of additional land and resources.

This option would have the state actively and aggressively seek to acquire and develop recreation facilities, as well as to purchase open space and habitat lands, including water access sufficient to meet the growing demands of the recreating public.

Although this option would be most responsive to public demand and would best meet the goals of this plan, it could prove to be prohibitively expensive.

3. Divestiture

Under this option, the State would have determined that it could no longer fund some or all outdoor recreation and open space or habitat programs. The State would seek to divest recreation, open space, and habitat properties, identifying local agencies willing to assume management of sites and facilities, finding private entrepreneurs and business willing to operate State-owned properties (charging market-rate fees to the public), or selling and perhaps abandoning other properties.

There are citizens who believe that the state should not own land. Some believe that public land means less available tax money, while others believe that land must always be used in some "productive" capacity.

Still, there appears to be extremely limited public support for a divestiture option. Further, it is unlikely that buyers with sufficient capital for purchase and stewardship could be found for many State properties.

Also, it is not certain whether there are efficiencies to be gained. It may cost more to transfer or close programs than to continue to operate them. It is known, for example, that rural economies suffer when camping opportunities decline (Department of Community, Trade and Economic Development, 1994). Further study in this area is warranted.

4. Zero growth: freeze state involvement (at present levels).

This option would limit the State's investment in recreation lands and facilities to those already in state ownership. It differs from the "stewardship, slow growth" option in that *no new land would be acquired*. Also, *no new facilities would be developed*.

The state would concentrate its resources on the renovation and maintenance of existing sites and facilities. State capital grants would no longer be available to local or federal agencies.

The results would be similar to the "stewardship, slow growth" option: the state would not meet current and projected public demand. Public dissatisfaction would probably result from likely outcomes that include even more overcrowding and inconvenience, as well as continued public perception of unresponsive government or loss of quality of life.

Conclusion

The State of Washington is no longer an isolated corner of the nation, immune from the effects of a growing population's relentless demands on resources and infrastructure. Even the most rural communities are impacted as private land is closed to public access and public lands and facilities become more threatened by conflicting demands.

Washington's citizens do not regard outdoor recreation and nature as frills—they are essential elements of social and personal identity, health, and economic well-being.

In recent years, the state has been engaged in a renewed effort to meet public demand for outdoor recreation and habitat opportunities. This effort must continue, for we all share in the responsibility of providing at least our current measure of outdoor heritage to the generations to come.

“The states that do the most to protect their natural resources also wind up with the strongest economies and best jobs for their citizens.” *Gold & Green survey, 1994.*

“While we may differ on some issues, we share the same deep concern of most Washingtonians over the continuing loss of wildlife habitat and the need for an adequate land base for current and future recreational opportunities. We have grown accustomed to taking these wonderful assets for granted, but now we must act boldly to assure they will be available for future generations.” *Daniel J. Evans, Mike Lowry, Booth Gardner, 1990.*

Appendix 1: Public Involvement

A three-part public involvement process was initiated by IAC in coordination with a contractor, Cheyne and Associates. The three parts were 1) a survey of recreation professionals, 2) a series of focus group meetings statewide, and 3) use of an issues identification and consensus (modified delphi) process.

Survey

In March and April 1994, a survey of public lands managers and parks and recreation professionals was conducted. The goal of the survey was to gather input regarding local parks and recreation supply and demand issues via a written questionnaire from 250 professionals. The goal was achieved and surpassed with 364 professionals responding with completed questionnaires. Professionals from all 13 state planning districts and all 39 counties responded.

The affiliation of the professionals included city, school district, port, county, park district, land trust, state, Native American Tribes, federal government, public utility, youth and senior citizen groups, and professional groups.

Interim reports were made to IAC in July and September 1994.

Focus Groups

A citizen focus group meeting was held in each of the thirteen planning districts between March and July 1994. The purpose of the focus groups was to gather citizen perspective on local recreation supply and demand issues.

130 individuals participated in the thirteen "general interest" focus groups. Group size at each focus group ranged from six participants (Colville) to thirteen participants (Seattle and Chelan). On average, there were ten participants per group.

74 individuals participated in six "low income" focus groups designed to gather input on the needs of economically disadvantaged individuals and families. Group size at each focus group ranged from ten participants (Seattle and Kennewick) to sixteen participants (Tacoma). On average, there were twelve participants per group.

Participants were recruited from a variety of sources including local parks and recreation provider referrals, Chamber of Commerce organization listings, focus group posters, and word of mouth. Significant effort was made to assure diversity within each group. Referral requests focused on gathering names of individuals who were diverse in age, gender, race, ethnicity, economic status, physical ability, and outdoor recreation

interests/affiliations. Requirements for participation were a minimum age of 16 years, an interest in the outdoors, and familiarity with the community. A toll-free number was provided by the contractor so that anyone interested in participating could inquire without expense. The contractor paid participants \$25 for their time.

Each focus group was held in a public building — library, school building, community center, etc. All locations met minimum ADA standards. Each meeting was one and one half hours long. To encourage consistency among the groups, all focus group discussions were facilitated by the contractor and, to the greatest extent possible, the same questions and exercises were presented.

The dates and places of the meetings were:

April 29	Port Angeles
April 30	Hoquiam, Aberdeen
May 4	Seattle
May 6	Bellingham
May 13	Vancouver
May 14	Olympia
May 20	Ephrata
May 21	Yakima, Ellensburg
June 3	Walla Walla
June 4	Richland, Kennewick
June 17-18	Spokane (3 meetings)
June 24	Bellevue
June 25	Bellingham
July 5	Seattle
July 14	Tacoma
July 15	Colville
July 16	Chelan

Delphi Process

Beginning in the late summer, Cheyne and Associates conducted a modified “delphi” process, seeking further comment and possible consensus on key issues affecting outdoor recreation statewide. To balance the local emphasis of the survey and focus groups, the delphi process was designed to emphasize the role of the state in outdoor recreation and habitat issues.

For the delphi process, Cheyne and IAC staff worked to develop a written questionnaire that was sent to more than 200 recreation and habitat professionals, policy makers, interest group representatives, and other people on 14 mail lists: one list for each of the 13 planning districts, and one “statewide” list. This first questionnaire was completed and returned by 135 individuals.

Based on the results of the first mailing, Cheyne and IAC staff developed a second questionnaire that was sent to the same group who received the first one. A total of 158 individuals completed and returned the second questionnaire.

Other Public Involvement

IAC assembled a Planning Advisory Committee (PAC) with representation from citizen groups and agencies at the local, state, federal, and Tribal levels. At each step of the public process, PAC was contacted and invited to comment or participate.

Other IAC advisory committees were given the same opportunity to comment. These committees including the State Trails Advisory Committee, the Firearms Range Program Advisory Committee, and the Technical Advisory Committee.

Beginning in spring, 1995, drafts of the document were made available to the public. Over 500 people received copies of the first draft; 23 responded in writing, with one person responding over the telephone.

IAC reviewed all comments and developed a comment summary. The summary was provided to each person who commented and to members of the Interagency Committee.

Each comment was carefully considered. Changes to the draft text were made as a direct result of the comments.

In September 1995, the draft was presented to the Interagency Committee in an open, public meeting.

After further changes to the text were made, a second draft was made public.

Results of the survey, focus groups, and delphi process were summarized in a document titled *Voices of Washington: Public Opinion on Outdoor Recreation and Habitat Issues*. This document was provided to the PAC for review and comment, as well. *Voices of Washington* is a public document available on request.

In the interest of continuity, IAC incorporated survey results and public comment heard during previous planning efforts. Previous planning included:

- the 1990 *Assessment and Policy Plan*,
- the 1991 *Washington State Trails Plan*,
- 1992 stewardship planning that resulted in the publication *Legacy at Risk*,
- the 1993 *Nonhighway and Off-Road Vehicle Activities (NOVA) Plan*, and
- the 1995 *Boating Facilities Program Plan*.

Public involvement in the development of these documents was considerable. The *NOVA Plan*, for example, resulted from individual meetings, special focus groups, and numerous public workshops. The findings and policies of the many plans were incorporated into the current APP text as often as possible.

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Appendix 2: Demand Trends

“In terms of participation, we seem to have walking -- actually walking, walking, and walking -- then everything else.” *Cheyne and Associates, 1994.*

Methodology—In 1990, IAC published data concerning public participation in and growth of different outdoor activities. The data were taken from a study conducted by IAC and the Pacific Northwest Regional Recreation Committee (PNRRC). The study, as described in *Washington Outdoors: Assessment and Policy Plan 1990-1995*, relied on telephone survey results from 1,885 households and mail-return survey results from 1,171 households. The study examined outdoor recreation in four geographic regions around the state. Analysis at the regional level ensured sample sizes adequate for statistical purposes.

When designing the process to develop the *Assessment and Policy Plan 1995-2001*, it was determined that a new survey of households would be of relatively little value. The decision was based on the following assumptions:

1. Data from 1990, in all probability, remains fresh;
2. 1990 participation projections, to the year 2000, remain accurate;
3. A nearly exhaustive range of activities was captured in the 1990 data; emergent activities are few in number. Some may have perceived high visibility due to novelty and high impact, not necessarily due to great numbers of participants; and
4. A new household survey would not be cost effective.

For the 1995-2001 APP, IAC therefore chose to *estimate* participation and trends. Estimates are based on results from the three methods chosen for public participation:

1. A mail survey of recreation professionals, especially local agency providers;
2. Citizen focus groups; and
3. A modified "delphi" process targeting state agency professionals and state government issues.

There was no intention of making a direct comparison between data published in 1990 and the results of the 1994 public process. Rather, the 1994 process was intended as a check of the trends detected in the 1990 data. In essence, IAC was asking whether its data agreed with the perceptions of in-the-field professionals and citizens alike.

It should be noted that the 1990 data, while an accurate presentation of how Washington citizens recreate, appears to have been of little interest to many user groups and recreation and habitat professionals. User groups, for example, seemed interested only when the data presented their particular activity in a favorable manner; that is, with high participation and high growth projections.

Popular and Growing Activities

Currently Popular Activities

1. Walking for pleasure/exercise
2. Running/jogging
3. Visiting zoos, fairs
4. Bicycling
5. Mountain bicycling
6. Tent camping (camp grounds)
7. Tent camping (backcountry)
8. RV camping
9. Day hiking
10. Attending sports events
11. Golfing
12. Power boating
13. Waterskiing/jet skiing
14. Sailing
15. Canoeing/kayaking
16. White water rafting
17. Wind surfing
18. Sunbathing/beach combing
19. Rock climbing
20. Attending cultural/musical events

Activities Expected to Exhibit High Growth, 1995-2001

1. Walking
2. Bicycling
3. Participating in field sports
4. Golfing
5. Camping
6. Mountain bicycling
7. Running/jogging
8. Sport fishing
9. Picnicking
10. Participating in court sports
11. Attending sports events
12. Day hiking
13. Attending cultural/musical events
14. Swimming/swimming outdoors
15. Bird watching, wildlife viewing
16. (Tie) Driving for pleasure
Hunting
17. Boating
18. Power boating
19. (Tie) Hiking
Cross-country skiing
20. Gardening

Appendix 3: Inventory

In the 1990 Assessment and Policy Plan, IAC gave an extensive report on inventory: lands and facilities available for outdoor recreation and habitat purposes. Some data was also published in the form of Washington State County Recreation Profiles (IAC, 1990).

Demand for this data is low. For this and other reasons, including economy, IAC elected to forego a formal inventory process for the *Assessment 1995-2001*. Instead, we have made estimates of changes in inventory.

State-Funded Additions to Inventory since 1990

Between 1990 and 1994, the following lands were added to the public estate:

State Parks: 3,238 acres of new sites, including acquisitions, and expansion of existing sites.

Water access sites: 1,276 acres in local and state acquisition.

Natural areas: 7,853 acres, including many wetlands, managed by DNR; about 8,100 acres of estuarine habitat managed by the Department of Ecology.

State wildlife areas: 62,791 acres of critical habitat, including 7,435 acres for mule deer habitat and 15,500 acres for elk management.

Urban wildlife habitat: 6,723 acres, including wetlands, across the state.

Local parks: 2,875 acres of new park land, all located in urban areas as emphasized by state law.

Trails: 287 miles of both acquired and developed trail, predominantly rails-to-trails type projects managed by state and local agencies.

Although the grand total of nearly 85,000 newly-acquired acres seems impressive, it needs to be kept in context. State government owns less than 9 percent of Washington's 42,606,080 total acres.

Projected Additions to Inventory

In the survey of recreation professionals, 364 professionals responded with information on the types of facilities they expected to add to their inventories during the next five years.

Most professionals were employed by local agencies including cities (42 percent), school districts (20 percent), counties (11 percent), ports (7 percent), and park districts (5 percent).

The responses indicate that most professionals expect to add local parks (48 percent of responses), followed by trails (27 percent), natural areas (17 percent), and water access sites (8 percent).

Appendix 4: Wetlands and Land and Water Conservation Projects

“Values placed on resources may change with time. Only a few decades ago, for example, wetlands were considered to be useless ‘swamps’ or ‘bogs,’ breeding disease and harboring danger.” IAC, 1995.

**“The swamp is the home of evil. In it are spawned all those creeping, misshapen things men hate and fear. And deep in its stagnant interior lie terror, madness, and death.”
“The Devil Takes a Wife” episode of “The Shadow” Radio Play, December 8, 1946.**

Actions Since 1990 Concerning Wetlands

The state has been a leader in wetland protection for the past five years. Through the Washington Wildlife and Recreation Program (WWRP) alone, the state has invested over \$21 million to assist state and local agencies in the protection of more than 12,400 acres of fresh and salt water wetlands (see table on next page).

In the same period, the Washington State Department of Fish and Wildlife was able to acquire 300 acres of wetlands for the Chehalis Wildlife Recreation Area. The Department of Ecology, with the US Environmental Protection Agency (EPA) and the US Fish and Wildlife Service, initiated the first multi-agency cooperative wetlands restoration pilot in the Snohomish River to restore a 50 acre intertidal area, and to develop a watershed-focused wetlands restoration program as implementation elements of the Puget Sound Water Quality Management Plan.

In 1992, the state departments of Ecology and Community, Trade, and Economic Development jointly applied for and received a grant from the EPA to develop the State Wetlands Integration Strategy (SWIS). SWIS was to “develop and implement a more effective, efficient, and

coordinated system to better protect the wetland resources of Washington State.” In late 1994, Ecology released the final SWIS report. The final report establishes state policy and direction on wetlands. The report, available from Ecology, contains 47 specific recommendations for action at the federal, state, and local levels of government, coordinated with the public including Native American Tribes.

A Strategy for 1995-2001

IAC will continue to provide funds for a variety of acquisition and habitat protection purposes, including wetlands. IAC will also participate in the Interagency Wetlands review Board (IWRB) and the Watershed Coordinating Council.

Ecology and its many partners in the public and private sectors will be working to implement the recommendations of SWIS.

IAC Funded Wetlands Projects		
Project Name	Dollars	Acres
Lake Desire, Spring Lake	1,200,000	290
Moss Lake	1,250,000	150
Silverdale Wetlands	583,650	*
Torguson Property, North Bend	425,600	4
Heron Park, Mill Creek	78,028	1
Federal Way City Center Park	403,699	*
Buck Lake Park, Kitsap Co.	288,900	*
Lewis River Access	123,155	50
Chuckanut Bay Greenway	500,000	30
Thomas' Eddy Park, Snohomish Co.	26,211	*
Dickman Mill, Tacoma	575,500	3.5
Swan Marsh, Long Beach Peninsula	120,000	140
Chehalis River Surge Plain	*	674
Elk River Natural Area Preserve	*	600
Nawakum River Natural Area	*	28
Coastal Natural Area Preserves	3,000,000	*
Loon Lake, Stevens County	*	14
Lost Lake, Okanogan County	*	4
Columbia Basin Wildlife	*	803
Fortson Ponds, Snohomish County	310,500	200
Peregrin Habitat, Skagit-San Juan Co.	2,262,500	100
Skagit Delta Wetlands	619,250	4,427
Willapa Wetlands, Pacific County	1,137,500	1,200
Vancouver Lake (2 projects)	2,705,019	1,109
Chambers Creek, Pierce County	1,050,000	80
Grass Lake, Thurston County	900,000	163
Delta Wetlands, Snohomish County	184,121	181
Mercer Slough, Bellevue	124,855	*
Beaver Lake, King County	1,000,000	184
Swamp Creek, King County	645,333	19
Melgs Farm, Bainbridge Island	325,000	67
Lk Cassidy, Martha Lk, Snohomish Co	500,000	277
Yakima River wetlands	820,250	2,500

•Table Notes: * Exact data not available at time of publication. Some projects listed include other elements in addition to wetlands. Data source: *Washington Wildlife and Recreation Program: The First Five Years, 1990-1994*.

Land and Water Conservation Projects

IAC has participated in the Land and Water Conservation Fund (LWCF) as a partner with the federal government for over 30 years. Since 1991, nine projects have been assisted through LWCF, including \$2,838,824 in federal funds and \$5,195,153 in matching funds. The projects are:

City of Bellevue, acquisition of six acres in Mercer Slough.

City of Bellingham, Whatcom Creek Trail development.

Department of Fisheries, Cline Spit acquisition.

King County, acquisition of 21 acres of land at Cottage Lake.

City of Odessa, reconstruction of the city swim pool.

State Parks, development of parking area at Larrabee State Park.

City of Redmond, acquisition of right-of-way for the Bear-Evans Creek trail.

Snohomish County, development of Lundeen Park.

City of Winthrop, acquisition of 3 parcels of land for the Town Park.

IAC anticipates that future LWCF projects will continue to reflect the types of projects funded since 1991.

Selection of LWCF projects is done through an open, competitive process. Applications from potential local and state sponsors are accepted by IAC and compared to the opportunity categories and priority criteria outlined in Chapter Two.

Generally, state funds are used to pay for as many projects as possible. After all

state funds are obligated, any available LWCF funds are applied to the highest priority remaining projects.

The IAC is concerned that the federal government has provided only minimal funding support to the state side of LWCF in recent years.

IAC supports the goals of the National Park Service as outlined in the report *An American Network of Parks and Open Space* (NPS, 1994). Further, IAC recognizes the state's need for an effective partnership with the federal government concerning use of royalties from off-shore gas and oil leases.

Appendix 5: RCW 43.99.025(3)

It is one of the IAC's duties:

To prepare and update a strategic plan for the acquisition, renovation, and development of recreational resources and the preservation and conservation of open space.

The plan shall be prepared in coordination with the office of the governor and the office of financial management, with the participation of federal, state, and local agencies having recreational responsibilities, user groups, private sector interests, and the general public. The plan shall be submitted to the committee for review, and the committee shall submit its recommendations on the plan to the governor.

The plan shall include, but is not limited to:

- (a) an inventory of current resources;*
- (b) a forecast of recreational resource demand;*
- (c) identification and analysis of actual and potential funding sources;*
- (d) a process for broad scale information gathering;*
- (e) an assessment of the capabilities and constraints, both internal and external to state government, that affect the ability of the state to achieve the goals of the plan;*
- (f) an analysis of strategic options and decisions available to the state;*
- (g) an implementation strategy that is coordinated with executive policy and budget priorities; and*
- (h) elements necessary to qualify for participation in or receipt of aid for any federal program for outdoor recreation.*

**Interagency
Committee for
Outdoor
Recreation**

Voices of Washington:

***Public Opinion on
Outdoor Recreation and
Habitat Issues***

November 1995

Citizen Focus Groups (Continued)

The purpose of the focus groups was to gather citizen perspective on local recreation supply and demand issues.

130 individuals participated in the thirteen "general interest" focus groups. Group size ranged from six participants (Colville) to thirteen participants (Seattle and Chelan). On average, there were ten participants per group.

74 individuals participated in six "low income" focus groups designed to gather input on the needs of economically disadvantaged individuals and families. Group size at each focus group ranged from ten participants (Seattle and Kennewick) to sixteen participants (Tacoma). On average, there were twelve participants per group.

Participants were recruited in a variety of ways including local parks and recreation provider referrals, Chamber of Commerce organization listings, posters, and word of mouth. Significant effort was made to assure diversity within each group. Referral requests focused on gathering names of individuals who were diverse in age, gender, race, ethnicity, economic status, physical ability, and outdoor recreation interests/affiliations. Requirements for participation were a minimum age of 16 years, an interest in the outdoors, and familiarity with the community. A toll-free number was provided by the contractor so that anyone interested in participating could inquire without expense. The contractor paid participants \$25 for their time.

Each focus group meeting was one and one half hours long. To encourage consistency among the groups, all focus group discussions were facilitated by the contractor and, to the greatest extent possible, the same questions and exercises were presented.

Delphi Process

A delphi process is when a selected set of people expert on a given subject is surveyed a number of times. Each successive survey seeks to refine the results of the previous survey until "consensus" is achieved. Beginning in the late summer 1994, Cheyne and Associates conducted a modified "delphi" process, seeking further comment and possible consensus on key issues affecting outdoor recreation statewide. To balance the local emphasis of the survey and focus groups, the delphi process was designed to emphasize the role of the state in outdoor recreation and habitat issues.

For the delphi process, Cheyne and IAC staff worked to

Delphi Process (Continued)

develop a written questionnaire that was sent to more than 200 recreation and habitat professionals, policy makers, interest group representatives, and other people on 14 mail lists: one list for each of the 13 planning districts, and one "statewide" list. This first questionnaire was completed and returned by 135 individuals.

Based on the results of the first mailing, Cheyne and IAC staff developed a second questionnaire that was sent to the same group who received the first one. A total of 158 individuals completed and returned the second questionnaire.

Opinions On: Operation and Maintenance (O&M)

Public Lands Managers

- ▶ The physical condition of local public outdoor recreation facilities is most likely to be "good."
- ▶ The physical condition of local public outdoor recreation facilities has most likely stayed about the same or improved over the past five years.
- ▶ The two factors that contribute the most to the deterioration of facilities are 1) increased use or overuse of facilities, and 2) increasing costs of renovation.
- ▶ Priorities for funding should be assigned to land acquisition (22 percent) and the rehabilitation or renovation of existing facilities (21 percent).

Focus Group Participants

- ▶ No group raised M&O issues.

Delphi Participants

- ▶ Maintaining existing lands and facilities was the second most frequently identified outdoor recreation challenge to be faced over the next five years.
- ▶ Ensuring the maintenance and operation of existing facilities is a high priority of both local and state government.
- ▶ Providing funding to local government for recreation lands maintenance is a medium priority of state government.
- ▶ One of the highest priorities for new funds for parks and recreation should be developing/rehabilitating existing park land.
- ▶ Developing/rehabilitating existing park land is a higher "new fund" priority within planning district delphi groups than the statewide delphi group; in the statewide group acquiring land was a higher priority.

Opinions On: Safety

Public Lands Managers

- ▶ The number one factor which attracts people to parks is "safe."

Focus Group Participants

- ▶ The number one factor which attracts people to parks is "safe."
- ▶ Personal safety issues include both accident and assault-type concerns.

Delphi Participants

- ▶ Said within local communities there is a need for technical assistance and/or grant support for increasing safety and reducing crime at outdoor recreation facilities.
- ▶ Most frequently suggested the need for more "enforcement visibility" for increasing safety and reducing crime at outdoor recreation facilities.
- ▶ Suggested other ideas for increasing safety and reducing crime, including increased staffing, increased volunteer enforcement (such as camp hosts), and improved design (especially improved lighting).
- ▶ Reducing crime and increasing safety at outdoor recreation facilities should be a high priority for both local and state government.

Opinions On: Funding

Public Land Managers

- ▶ Local funding for parks and recreation was more likely to have decreased over the past five years than to have increased or stayed about the same.
- ▶ If they could assign funds for parks and recreation, 22 percent of funds would go to acquiring land, 21 percent to development of existing lands, 19 percent to enhancing recreation programs, and 17 percent to improving school properties for public recreation purposes.
- ▶ Of bond issues, conservation futures, or levies proposed during the past five years, 55 percent were reported as passing and 39 percent were reported as failing.

Focus Group Participants

- ▶ Were asked a series of open-ended questions intended to elicit comment and discussion. The need for more funding was a common idea.

Delphi Participants

- ▶ Reported funding as one of the most important challenges to be faced over the next five years.
- ▶ Said that a high priority for new funds should be developing existing park land and/or rehabilitating existing outdoor recreation facilities, as well as acquiring land for protection and/or future park development; another priority should be enhancing recreation services and programs.
- ▶ Offered many ideas for securing adequate and stable funding for outdoor recreation and natural area protection. The five most frequently selected ideas were (in order) user fees, private development impact fees, promoting the importance of parks and recreation to public officials, recreation user environmental impact fees, and sporting goods tax.
- ▶ Identified securing adequate and stable funding for outdoor recreation as a high priority for both local and state government.

- ▶ Identified providing funding to local government for recreation land acquisition as a high priority for state government.
- ▶ Identified providing funding to local government for recreation programs as a low priority for state government.
- ▶ Identified providing funding to nonprofit organizations for outdoor recreation as a low priority for state government.
- ▶ Identified lack of funding as a threat to outdoor recreation over the next five years.
- ▶ Identified "the treatment of parks and recreation [by legislators and others] as a low priority" as a threat to outdoor recreation.

Opinions On: Types of Facilities

Public Lands Managers

- ▶ Priority sports facility needs are softball/baseball fields, soccer fields, and basketball courts.
- ▶ Priority parks are neighborhood/school parks, community parks, and greenways.
- ▶ Of all factors attracting people to parks, "a variety of things to do" is second only to "safe."
- ▶ Priority water access facilities are walking trails/paths, picnic areas, fishing areas, swimming/beachcombing areas, and viewpoints.
- ▶ Facilities most likely to be added over the next five years include paved trails, unpaved trails, athletic fields, neighborhood parks, sport courts, and community parks.
- ▶ Facilities least likely to be added include [shooting] ranges, motorized (ORV) trails, golf courses, and outdoor pools.

Focus Group Participants

- ▶ The most needed park types are natural areas/greenways, active parks within walking distance from home, and large parks with diverse facilities located within a ten-minute drive from home.
- ▶ Natural areas, unpaved trails, playgrounds, beaches, picnic areas, and campgrounds were the most frequently selected amenities to be included in a new park if one were to be created.
- ▶ More water access is needed.
- ▶ Most needed trail types are nature trails, designated bicycle lanes along streets and roads, and walking/jogging/skating trails.

Delphi Participants

- ▶ Facilities needed include (in priority order) paved trails, nature trails, neighborhood/school parks, community parks, campgrounds, soccer fields, mountain bike trails, regional parks, picnic areas, swimming pools, and basketball courts.
- ▶ Developing more camping opportunities is a medium priority for state government and a low priority for local government.
- ▶ Providing more opportunities for off-road vehicles should be a low priority for both state and local governments.

Opinions On: Supply of Recreational Lands

Public Lands Managers

- ▶ The availability of privately-owned recreation opportunities in local communities has stayed about the same during the past five years
- ▶ Very few public outdoor recreation facilities have ceased operating during the past five years.

Focus Group Participants

- ▶ Private property restrictions and/or development has diminished access.
- ▶ The supply of local trails has increased.
- ▶ Use of schools and school property for recreation varies significantly depending on the district.

Delphi Participants

- ▶ Decreasing availability of land was the third most frequently cited threat to outdoor recreation
- ▶ Closures and restrictions were fifth in frequency in terms of being identified as threats to outdoor recreation
- ▶ Public access to private lands is diminishing
- ▶ The most frequently mentioned type of improvement and/or addition made since 1990 was trails, followed by boating facility improvement with boat launch ramps being the most frequent of these.
- ▶ The two most frequently mentioned declines, reductions, and/or closures were campgrounds and private lands.
- ▶ The two most frequently mentioned recommendations for minimizing the loss of recreational lands due to closure of private lands are (in order) 1) to offer incentives to landowners and 2) to acquire lands for public ownership.

Opinions On: Increasing Demands

Public Lands Managers

- ▶ Increased use or over use of facilities is the number one factor contributing to the deterioration of outdoor recreation facilities.
- ▶ Over the next five years participation will show the most growth in walking, bicycling, field sports, golfing, and camping.
- ▶ Over the next five years participation will show the least growth in hunting, hang gliding, rock climbing, and ORV riding.

Focus Group Participants

- ▶ Linear activities including walking, bicycling, running, kayaking, and hiking will gain in popularity.
- ▶ Water-based recreation such as boating, tubing, kayaking, windsurfing, fishing, and swimming will gain in popularity.
- ▶ Of the competitive sports, soccer, basketball, and baseball will gain in popularity.
- ▶ Hunting will decline in popularity.

Delphi Participants

- ▶ Over the next five years, demand will increase the most for local government owned lands, followed (in order) by state government lands, federal government lands, and privately-owned lands.
- ▶ The second most frequently identified threat to outdoor recreation was "rapid growth."
- ▶ Meeting increasing demands was the fourth most frequently identified challenge to be faced over the next five years.
- ▶ The development of close-to-home facilities relative to population growth over the past five years was rated on average as "fair." Facilities include neighborhood parks, playfields, courts, and trails

Opinions On: Water Access

Public Lands Managers

- ▶ The most needed type of water access is walking trails/paths along water.
- ▶ Also needed are picnic areas, fishing areas, swimming/beachcombing areas, and water view points.
- ▶ There is not sufficient access to water resources in local communities.
- ▶ There is community interest in developing water access.

Focus Group Participants

- ▶ There are lots of water resources but the public can't get to them.
- ▶ Much of the access is only through private lands.
- ▶ Access is needed to rivers and streams and ocean beaches.
- ▶ Access is available to those who can afford it.
- ▶ Access may be available but it's hard to find out about it.
- ▶ Private ownership often restricts access.

Delphi Participants

- ▶ The supply of water access has not kept up with public demand.
- ▶ The three top priorities for ensuring future access are improving/renovating access in existing public lands, developing new access in existing public lands, and acquiring more public land for access.
- ▶ Providing more water access is a high priority for both local and state government.
- ▶ The most needed type of water access is walking trails/paths along the water.

Opinions on: Trails

Public Lands Managers

- ▶ The most needed types of trails are paved bicycle paths, walking/jogging trails, and nature trails.
- ▶ Walking, running/jogging, and bicycling are activities expected to show the most growth in participation over the next five years.

Focus Group Participants

- ▶ The most needed types of trails are nature trails, designated bicycle lanes along streets and roads, and walking/jogging/skating trails.
- ▶ Common problems with trails are that there are not enough trails, trails are too short, they are not continuous (connected), they are crowded, and there are conflicting uses.
- ▶ A common complaint about trails is garbage and litter. In some areas, garbage dumping on or near trails is a problem that is leading to closure of private roads used as trails.
- ▶ There are safety concerns about trail heads and urban trails.

Delphi Participants

- ▶ Walking trails or paths along water are the most needed type of water access.
- ▶ Walking/bicycling/skating trails are the most needed type of outdoor recreation improvement; second was the need for nature trails.
- ▶ Providing more trails and trail systems is a medium priority for both local and state government.

Opinions on: Natural Area Protection

Public Lands Managers

- ▶ The three resources in need of protection are rivers and streams, wildlife habitat, and shorelines.
- ▶ Over the next five years, recreation providers will be expected to take a more active role in the protection of natural areas.
- ▶ Through its grant programs the state should encourage the local acquisition and development of parks which include natural areas.
- ▶ Recreation providers should take a more active role in educating resource users in the appreciation and care of natural resources.

Focus Group Participants

- ▶ The three resources most in need of protection are rivers and streams, wildlife habitat, and forests.

Delphi Participants

- ▶ Strengthening protection of existing natural areas and wildlife areas should be a high priority for state government.
- ▶ Acquiring natural areas and wildlife habitats should be a high priority for state government and a higher priority than acquiring additional recreation land.
- ▶ Acquiring natural areas and wildlife habitats should be a medium priority for local government but a lower priority than acquiring additional recreation lands.
- ▶ The two most frequent suggestions for the state to assist local community efforts to preserve wildlife habitats were to provide funding for acquisition and/or management and to provide technical assistance.

Opinions on: Use Conflicts

Public Lands Managers

- Were not surveyed on use conflicts.

Focus Group Participants

- Conflicts were frequently mentioned among the "dislikes" about trail use. Conflicts included horse and bicycle, bicycles and skaters, bicycles traveling too fast, no (road) shoulder for bicycle use, problems with mountain bicycle use of trails, need for separation - nonpaved for walking and paved for skating and bicycling, need for all user groups to work together rather than pointing fingers, horses and hikers, motorized vehicles and bicycles, need to isolate mountain bicycle use from hiking, need to separate motor vehicle use, motorbikes are not organized or controlled, bicycles and hikers and horses, firearm use in the backcountry, motorbikes and hikers and mountain bicycles, and hunting "stops all hiking in the fall season."

Delphi Participants

- The five most frequently identified types of conflicts are (in order) multiple use of trails, recreation activities and resource protection, multiple uses of water resources, cross country skiing and snowmobiles, and competing demands for ballfields among different types of sports.
- Managing the conflict between resource protection and recreation use should be a high priority for state government.

**Opinions on:
Intensively Managing Activities**

Public Lands Managers

- ▶ Increased use or overuse is the factor contributing the most to the deterioration of outdoor recreation facilities.

**Focus Group
Participants**

- ▶ Intensive management issues were not addressed.

Delphi Participants

- ▶ Outdoor recreation providers should take a more active role in regulating activities to prevent overuse.
- ▶ The six activities most frequently selected for more intensive management on public lands and waters were (in order) motorized vehicles including ATVs, ORVs, and motorcycles; use of personal (motorized) watercraft; use of firearms; power boating and/or waterskiing; mountain bicycling; and snowmobiling.

Opinions on: Special Needs Groups

Public Lands Managers

- ▶ The level of outdoor recreation opportunities is lowest for physically disabled individuals; opportunities for teenagers rated second lowest.
- ▶ Recreation providers need to increase their focus on serving at-risk youth.
- ▶ Public parks and recreation opportunities reduce youth crime.
- ▶ People who are economically disadvantaged have a harder time taking advantage of outdoor recreation.
- ▶ Recreation providers need to increase their focus on serving economically disadvantaged individuals and families.
- ▶ Recreation providers need a better understanding of outdoor recreation needs of ethnic and racial minorities.

Focus Group Participants

- ▶ *Teenagers (13-17) are most in need of more recreation opportunities.*
- ▶ Physically disabled individuals are second in need of more recreation opportunities.
- ▶ Teenagers need facilities for informal activities such as pick-up games, a variety of things to do, and adult involvement.
- ▶ The lack of public transportation to parks, playgrounds, and other recreation opportunities is an issue in some communities.

Delphi Participants

- ▶ The highest priority ideas for better serving at-risk youth are increased recreation programs, offering more outdoor job skills/work programs, and encouraging parental involvement and family recreation opportunities.
- ▶ Meeting the needs of youth is more directed at local government than state government and should be a high priority for local government.
- ▶ In terms of under-served groups, youth/teenagers were the most frequently mentioned.
- ▶ Other under-served groups include older adults, economically disadvantaged individuals and families, racial and ethnic minorities, urban residents, and specific activity user groups.

PROPOSED WASHINGTON PROTECTED AREAS DESIGNATIONS

COEUR_D'ALENE

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12731	KOOTENAI	ID U		0.0 0.0
WOLF LODGE CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12732	KOOTENAI	ID U		3.1 3.1
FERNAN CR	COEUR D'ALENE L	LAKE INTERIOR REACH	WOLF LODGE CR	12733	KOOTENAI	ID U		0.9 0.9
FERNAN CR	COEUR D'ALENE L	FERNAN L	WOLF LODGE CR	12734	KOOTENAI	ID U		1.2 1.2
FERNAN CR	FERNAN L	LAKE INTERIOR REACH	WOLF LODGE CR	12735	KOOTENAI	ID U		1.5 1.5
FERNAN CR	FERNAN L	HEADWATERS	WOLF LODGE CR	12736	KOOTENAI	ID U		7.2 7.2
WOLF LODGE CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12737	KOOTENAI	ID U		4.4 4.4
BEAUTY CR	COEUR D'ALENE L	LAKE INTERIOR REACH	WOLF LODGE CR	12738	KOOTENAI	ID U		1.4 1.4
BEAUTY CR	COEUR D'ALENE L	HEADWATERS	WOLF LODGE CR	12739	KOOTENAI	ID F		4.6 4.6
WOLF LODGE CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12740	KOOTENAI	ID U		1.6 1.6
WOLF LODGE CR	COEUR D'ALENE L	CEDAR CR	SPOKANE R	12741	KOOTENAI	ID F		1.8 1.8
CEDAR CR	MOUTH	HEADWATERS	WOLF LODGE CR	12742	KOOTENAI	ID F		5.9 5.9
WOLF LODGE CR	CEDAR CR	MARIE CR	SPOKANE R	12743	KOOTENAI	ID F		3.2 3.2
MARIE CR	MOUTH	HEADWATERS	WOLF LODGE CR	12744	KOOTENAI	ID F		7.2 7.2
WOLF LODGE CR	MARIE CR	STELLA CR	SPOKANE R	12745	KOOTENAI	ID F		1.2 1.2
STELLA CR	MOUTH	HEADWATERS	WOLF LODGE CR	12746	KOOTENAI	ID U		5.3 5.3
WOLF LODGE CR	STELLA CR	HEADWATERS	SPOKANE R	12747	KOOTENAI	ID F		5.1 5.1
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12748	KOOTENAI	ID U		0.6 0.6
COUGAR CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12749	KOOTENAI	ID U		1.8 1.8
COUGAR CR	COEUR D'ALENE L	UNNAMED	SPOKANE R	12750	KOOTENAI	ID U		3.3 3.3
UNNAMED	MOUTH	HEADWATERS	COUGAR CR	12751	KOOTENAI	ID U		2.5 2.5
COUGAR CR	UNNAMED	HEADWATERS	SPOKANE R	12752	KOOTENAI	ID U		5.8 5.8
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12753	KOOTENAI	ID U		1.5 1.5
KID CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12754	KOOTENAI	ID U		2.6 2.6
KID CR	COEUR D'ALENE L	HEADWATERS	SPOKANE R	12755	KOOTENAI	ID U		2.9 2.9
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12756	KOOTENAI	ID U		4.6 4.6
MICA CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12757	KOOTENAI	ID U		2.7 2.7
MICA CR	COEUR D'ALENE L	MICA CR, S FK	SPOKANE R	12758	KOOTENAI	ID U		1.6 1.6
MICA CR, S FK	MOUTH	HEADWATERS	MICA CR	12759	KOOTENAI	ID U		5.8 5.8
MICA CR	MICA CR, S FK	MICA CR, N FK	SPOKANE R	12760	KOOTENAI	ID U		2.5 2.5
MICA CR, N FK	MOUTH	HEADWATERS	MICA CR	12761	KOOTENAI	ID U		2.3 2.3
MICA CR	MICA CR, N FK	HEADWATERS	SPOKANE R	12762	KOOTENAI	ID U		2.3 2.3
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12763	KOOTENAI	ID U		8.9 8.9
TURNER CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12764	KOOTENAI	ID U		4.0 4.0
TURNER CR	COEUR D'ALENE L	HEADWATERS	SPOKANE R	12765	KOOTENAI	ID U		3.9 3.9
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12766	KOOTENAI	ID U		0.0 0.0
CARLIN CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12767	KOOTENAI	ID U		5.2 5.2
CARLIN CR	COEUR D'ALENE L	HEADWATERS	SPOKANE R	12768	KOOTENAI	ID U		5.1 5.1
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12769	KOOTENAI	ID U		0.0 0.0
ROCKFORD CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12770	KOOTENAI	ID U		2.1 2.1
ROCKFORD CR	COEUR D'ALENE L	BELLGROVE CR	SPOKANE R	12771	KOOTENAI	ID U		1.2 1.2
BELLGROVE CR	MOUTH	HEADWATERS	ROCKFORD CR	12772	KOOTENAI	ID U		3.0 3.0
ROCKFORD CR	BELLGROVE CR	HEADWATERS	SPOKANE R	12773	KOOTENAI	ID U		3.9 3.9
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12774	KOOTENAI	ID U		1.0 1.0
LAKE CR	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12775	KOOTENAI	ID U		5.4 5.4
LAKE CR	COEUR D'ALENE L	HEADWATERS	SPOKANE R	12776	KOOTENAI	ID U		13.9 13.9
SPOKANE R	COEUR D'ALENE L	LAKE INTERIOR REACH	COLUMBIA R	12777	KOOTENAI	ID U		3.7 3.7
ST JOE R	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12778	KOOTENAI	ID U		5.5 5.5
ST JOE R	COEUR D'ALENE L	BENEWAH CR	SPOKANE R	12779	KOOTENAI	ID F		0.0 0.0

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
BENEWAH CR	MOUTH	BENEWAH L	ST JOE R	12780	KOOTENAI	ID U		1.2 1.2
BENEWAH CR	BENEWAH L	LAKE INTERIOR REACH	ST JOE R	12781	KOOTENAI	ID U		0.0 0.0
PLUMMER CR	BENEWAH L	LAKE INTERIOR REACH	BENEWAH CR	12782	BENEWAH	ID U		1.4 1.4
PLUMMER CR	BENEWAH L	LAKE INTERIOR REACH	BENEWAH CR	12782	KOOTENAI	ID U		1.4 1.4
PEDEE CR	BENEWAH L	LAKE INTERIOR REACH	PLUMMER CR	12783	BENEWAH	ID U		0.4 0.4
PEDEE CR	BENEWAH L	HEADWATERS	PLUMMER CR	12784	BENEWAH	ID U		3.8 3.8
PLUMMER CR	BENEWAH L	LAKE INTERIOR REACH	BENEWAH CR	12785	BENEWAH	ID U		0.4 0.4
PLUMMER CR	BENEWAH L	LITTLE PLUMMER CR	BENEWAH CR	12786	BENEWAH	ID U		1.8 1.8
LITTLE PLUMMER CR	MOUTH	HEADWATERS	PLUMMER CR	12787	BENEWAH	ID U		8.2 8.2
PLUMMER CR	LITTLE PLUMMER CR	HEADWATERS	BENEWAH CR	12788	BENEWAH	ID U		8.2 8.2
BENEWAH CR	BENEWAH L	LAKE INTERIOR REACH	ST JOE R	12789	BENEWAH	ID U		2.6 2.6
BENEWAH CR	BENEWAH L	LAKE INTERIOR REACH	ST JOE R	12789	KOOTENAI	ID U		2.6 2.6
BENEWAH CR	BENEWAH L	HEADWATERS	ST JOE R	12790	BENEWAH	ID U		15.3 15.3
ST JOE R	BENEWAH CR	HELLS GULCH	SPOKANE R	12791	BENEWAH	ID F		7.2 7.2
ST JOE R	BENEWAH CR	HELLS GULCH	SPOKANE R	12791	KOOTENAI	ID F		7.2 7.2
HELLS GULCH	MOUTH	UNNAMED	ST JOE R	12792	BENEWAH	ID U		4.8 4.8
UNNAMED	MOUTH	HEADWATERS	HELLS GULCH	12793	BENEWAH	ID U		2.3 2.3
HELLS GULCH	UNNAMED	HEADWATERS	ST JOE R	12794	BENEWAH	ID U		3.1 3.1
ST JOE R	HELLS GULCH	CHERRY CR	SPOKANE R	12795	BENEWAH	ID F		2.6 2.6
CHERRY CR	MOUTH	HEADWATERS	ST JOE R	12796	BENEWAH	ID F		4.7 4.7
ST JOE R	CHERRY CR	ST MARIES R	SPOKANE R	12797	BENEWAH	ID F		3.8 3.8
ST MARIES R	MOUTH	THORN CR	ST JOE R	12798	BENEWAH	ID U		3.1 3.1
THORN CR	MOUTH	HEADWATERS	ST MARIES R	12799	BENEWAH	ID U		8.9 8.9
ST MARIES R	THORN CR	ALDER CR	ST JOE R	12800	BENEWAH	ID U		9.8 9.8
ALDER CR	MOUTH	HEADWATERS	ST MARIES R	12801	BENEWAH	ID U		12.1 12.1
ST MARIES R	ALDER CR	JOHN CR	ST JOE R	12802	BENEWAH	ID U	09657-01 E 09660-01 E	1.0 1.0
JOHN CR	MOUTH	HEADWATERS	ST MARIES R	12803	BENEWAH	ID U		9.2 9.2
ST MARIES R	JOHN CR	SANTA CR	ST JOE R	12804	BENEWAH	ID U		8.6 8.6
SANTA CR	MOUTH	CHARLIE CR	ST MARIES R	12805	BENEWAH	ID U		8.6 8.6
CHARLIE CR	MOUTH	HEADWATERS	SANTA CR	12806	BENEWAH	ID U		8.2 8.2
SANTA CR	CHARLIE CR	HEADWATERS	ST MARIES R	12807	BENEWAH	ID U		6.8 6.8
ST MARIES R	SANTA CR	BEAVER CR	ST JOE R	12808	BENEWAH	ID U		1.0 1.0
BEAVER CR	MOUTH	HEADWATERS	ST MARIES R	12809	BENEWAH	ID U		6.2 6.2
ST MARIES R	BEAVER CR	DAVIS CR	ST JOE R	12810	BENEWAH	ID U		2.1 2.1
DAVIS CR	MOUTH	RENFRO CR	ST MARIES R	12811	BENEWAH	ID U		2.0 2.0
RENFRO CR	MOUTH	HEADWATERS	DAVIS CR	12812	BENEWAH	ID U		5.6 5.6
DAVIS CR	RENFRO CR	HEADWATERS	ST MARIES R	12813	BENEWAH	ID U		4.4 4.4
ST MARIES R	DAVIS CR	TYSON R	ST JOE R	12814	BENEWAH	ID U		1.8 1.8
TYSON R	MOUTH	HEADWATERS	ST MARIES R	12815	BENEWAH	ID U		5.6 5.6
ST MARIES R	TYSON R	CRYSTAL CR	ST JOE R	12816	BENEWAH	ID U		2.0 2.0
CRYSTAL CR	MOUTH	HEADWATERS	ST MARIES R	12817	BENEWAH	ID U		6.8 6.8
CRYSTAL CR	MOUTH	HEADWATERS	ST MARIES R	12817	SHOSHONE	ID U		6.8 6.8
ST MARIES R	CRYSTAL CR	CARPENTER CR	ST JOE R	12818	BENEWAH	ID U		2.1 2.1
CARPENTER CR	MOUTH	LITTLE CARPENTER CR	ST MARIES R	12819	BENEWAH	ID U		1.2 1.2
LITTLE CARPENTER CR	MOUTH	HEADWATERS	CARPENTER CR	12820	BENEWAH	ID U		3.2 3.2
CARPENTER CR	LITTLE CARPENTER CR	HEADWATERS	ST MARIES R	12821	BENEWAH	ID U		7.0 7.0
CARPENTER CR	LITTLE CARPENTER CR	HEADWATERS	ST MARIES R	12821	LATAH	ID U		7.0 7.0
ST MARIES R	CARPENTER CR	OLSON CR	ST JOE R	12822	BENEWAH	ID U		2.1 2.1

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OLSON CR	MOUTH	HEADWATERS	ST MARIES R	12823	BENEWAH	ID U	5.0 5.0
OLSON CR	MOUTH	HEADWATERS	ST MARIES R	12823	SHOSHONE	ID U	5.0 5.0
ST MARIES R	OLSON CR	EMERALD CR	ST JOE R	12824	BENEWAH	ID U	0.9 0.9
EMERALD CR	MOUTH	HEADWATERS	ST MARIES R	12825	BENEWAH	ID U	11.8 11.8
EMERALD CR	MOUTH	HEADWATERS	ST MARIES R	12825	LATAH	ID U	11.8 11.8
EMERALD CR	MOUTH	HEADWATERS	ST MARIES R	12825	SHOSHONE	ID U	11.8 11.8
ST MARIES R	EMERALD CR	CHILDS CR	ST JOE R	12826	BENEWAH	ID U	0.8 0.8
CHILDS CR	MOUTH	HEADWATERS	ST MARIES R	12827	SHOSHONE	ID U	5.5 5.5
ST MARIES R	CHILDS CR	ST MARIES R, M FK	ST JOE R	12828	SHOSHONE	ID U	5.5 5.5
ST MARIES R, M FK	MOUTH	MERRY CR	ST MARIES R	12829	SHOSHONE	ID U	1.0 1.0
MERRY CR	MOUTH	HEADWATERS	ST MARIES R, M FK	12830	SHOSHONE	ID U	7.2 7.2
ST MARIES R, M FK	MERRY CR	GOLD CENTER CR	ST MARIES R	12831	SHOSHONE	ID U	4.8 4.8
GOLD CENTER CR	MOUTH	GRAMP CR	ST MARIES R, M FK	12832	SHOSHONE	ID U	0.8 0.8
GRAMP CR	MOUTH	HEADWATERS	GOLD CENTER CR	12833	SHOSHONE	ID U	4.7 4.7
GOLD CENTER CR	GRAMP CR	HEADWATERS	ST MARIES R, M FK	12834	SHOSHONE	ID U	5.3 5.3
ST MARIES R, M FK	GOLD CENTER CR	HEADWATERS	ST MARIES R	12835	SHOSHONE	ID U	3.4 3.4
ST MARIES R, W FK	MOUTH	CAT SPUR CR	ST MARIES R	12836	LATAH	ID U	3.6 3.6
ST MARIES R, W FK	MOUTH	CAT SPUR CR	ST MARIES R	12836	SHOSHONE	ID U	3.6 3.6
CAT SPUR CR	MOUTH	HEADWATERS	ST MARIES R, W FK	12837	SHOSHONE	ID U	4.7 4.7
ST MARIES R, W FK	CAT SPUR CR	HEADWATERS	ST MARIES R	12838	SHOSHONE	ID U	4.3 4.3
ST JOE R	ST MARIES R	STREET CR	SPOKANE R	12839	BENEWAH	ID F	6.6 6.6
STREET CR	MOUTH	HEADWATERS	ST JOE R	12840	BENEWAH	ID U	4.9 4.9
ST JOE R	STREET CR	ROCHAT CR	SPOKANE R	12841	BENEWAH	ID F	2.0 2.0
ROCHAT CR	MOUTH	HEADWATERS	ST JOE R	12842	BENEWAH	ID F	4.8 4.8
ST JOE R	ROCHAT CR	REEDS GULCH	SPOKANE R	12843	BENEWAH	ID F	4.1 4.1
REEDS GULCH	MOUTH	HEADWATERS	ST JOE R	12844	BENEWAH	ID U	5.5 5.5
ST JOE R	REEDS GULCH	BOND CR	SPOKANE R	12845	BENEWAH	ID F	1.3 1.3
BOND CR	MOUTH	HEADWATERS	ST JOE R	12846	BENEWAH	ID U	7.8 7.8
BOND CR	MOUTH	HEADWATERS	ST JOE R	12846	SHOSHONE	ID U	7.8 7.8
ST JOE R	BOND CR	FALLS CR	SPOKANE R	12847	BENEWAH	ID F	3.3 3.3
ST JOE R	BOND CR	FALLS CR	SPOKANE R	12847	SHOSHONE	ID F	3.3 3.3
FALLS CR	MOUTH	HEADWATERS	ST JOE R	12848	BENEWAH	ID U	5.9 5.9
FALLS CR	MOUTH	HEADWATERS	ST JOE R	12848	SHOSHONE	ID U	5.9 5.9
ST JOE R	FALLS CR	TROUT CR	SPOKANE R	12849	SHOSHONE	ID F	3.4 3.4
TROUT CR	MOUTH	HEADWATERS	ST JOE R	12850	SHOSHONE	ID F	8.6 8.6
ST JOE R	TROUT CR	HUGUS CR	SPOKANE R	12851	SHOSHONE	ID F	0.7 0.7
HUGUS CR	MOUTH	HEADWATERS	ST JOE R	12852	SHOSHONE	ID U	8.6 8.6
ST JOE R	HUGUS CR	MICA CR	SPOKANE R	12853	SHOSHONE	ID F	7.5 7.5
MICA CR	MOUTH	HEADWATERS	ST JOE R	12854	SHOSHONE	ID F	13.3 13.3
ST JOE R	MICA CR	BIG CR	SPOKANE R	12855	SHOSHONE	ID F	1.2 1.2
BIG CR	MOUTH	BIG CR, W FK	ST JOE R	12856	SHOSHONE	ID F	8.0 8.0
BIG CR, W FK	MOUTH	HEADWATERS	BIG CR	12857	SHOSHONE	ID F	5.5 5.5
BIG CR	BIG CR, W FK	HEADWATERS	ST JOE R	12858	SHOSHONE	ID F	5.4 5.4
ST JOE R	BIG CR	BLACK PRINCE CR	SPOKANE R	12859	SHOSHONE	ID F	2.6 2.6
BLACK PRINCE CR	MOUTH	HEADWATERS	ST JOE R	12860	SHOSHONE	ID U	3.7 3.7
ST JOE R	BLACK PRINCE CR	MARBLE CR	SPOKANE R	12861	SHOSHONE	ID F	3.2 3.2
MARBLE CR	MOUTH	BOULDER CR	ST JOE R	12862	SHOSHONE	ID F	1.0 1.0
BOULDER CR	MOUTH	HEADWATERS	MARBLE CR	12863	SHOSHONE	ID U	9.1 9.1
MARBLE CR	BOULDER CR	DAVEGGIO CR	ST JOE R	12864	SHOSHONE	ID F 09664-00	7.8 7.8

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DAVEGGIO CR	MOUTH	HEADWATERS	MARBLE CR	12865	SHOSHONE	ID F		6.6 6.6
MARBLE CR	DAVEGGIO CR	EAGLE CR	ST JOE R	12866	SHOSHONE	ID F		1.0 1.0
EAGLE CR	MOUTH	HEADWATERS	MARBLE CR	12867	SHOSHONE	ID F		4.5 4.5
MARBLE CR	EAGLE CR	BUSSEL CR	ST JOE R	12868	SHOSHONE	ID F		1.6 1.6
BUSSEL CR	MOUTH	NORTON CR	MARBLE CR	12869	SHOSHONE	ID U		3.3 3.3
NORTON CR	MOUTH	HEADWATERS	BUSSEL CR	12870	SHOSHONE	ID F		4.7 4.7
BUSSEL CR	NORTON CR	HEADWATERS	MARBLE CR	12871	SHOSHONE	ID F		3.7 3.7
MARBLE CR	BUSSEL CR	HOB0 CR	ST JOE R	12872	SHOSHONE	ID F		2.7 2.7
HOB0 CR	MOUTH	HEADWATERS	MARBLE CR	12873	SHOSHONE	ID U		4.7 4.7
MARBLE CR	HOB0 CR	HOMESTEAD CR	ST JOE R	12874	SHOSHONE	ID F		1.3 1.3
HOMESTEAD CR	MOUTH	HEADWATERS	MARBLE CR	12875	SHOSHONE	ID F		5.9 5.9
MARBLE CR	HOMESTEAD CR	UNNAMED	ST JOE R	12876	SHOSHONE	ID F		0.1 0.1
UNNAMED	MOUTH	HEADWATERS	MARBLE CR	12877	SHOSHONE	ID U		4.7 4.7
MARBLE CR	UNNAMED	UNNAMED	ST JOE R	12878	SHOSHONE	ID F		4.7 4.7
UNNAMED	MOUTH	HEADWATERS	MARBLE CR	12879	SHOSHONE	ID U		3.0 3.0
MARBLE CR	UNNAMED	HEADWATERS	ST JOE R	12880	SHOSHONE	ID F		3.6 3.6
ST JOE R	MARBLE CR	SLATE CR	SPOKANE R	12881	SHOSHONE	ID F		5.2 5.2
SLATE CR	MOUTH	HEADWATERS	ST JOE R	12882	SHOSHONE	ID U		16.8 16.8
ST JOE R	SLATE CR	FLEMING CR	SPOKANE R	12883	SHOSHONE	ID F		2.6 2.6
FLEMING CR	MOUTH	HEADWATERS	ST JOE R	12884	SHOSHONE	ID U		5.1 5.1
FISHHOOK CR	FLEMING CR	FISHHOOK CR	SPOKANE R	12885	SHOSHONE	ID F		2.6 2.6
ST JOE R	MOUTH	HEADWATERS	ST JOE R	12886	SHOSHONE	ID U		10.4 10.4
ST JOE R, N FK	FISHHOOK CR	ST JOE R, N FK	SPOKANE R	12887	SHOSHONE	ID F		2.5 2.5
LOOP CR	MOUTH	LOOP CR	ST JOE R	12888	SHOSHONE	ID F		9.4 9.4
ST JOE R, N FK	MOUTH	HEADWATERS	ST JOE R, N FK	12889	SHOSHONE	ID U		10.5 10.5
UNNAMED	LOOP CR	UNNAMED	ST JOE R	12890	SHOSHONE	ID F		3.9 3.9
ST JOE R, N FK	MOUTH	HEADWATERS	ST JOE R, N FK	12891	SHOSHONE	ID U		2.9 2.9
ST JOE R	UNNAMED	HEADWATERS	ST JOE R	12892	SHOSHONE	ID F		3.2 3.2
SIWASH CR	ST JOE R, N FK	SIWASH CR	SPOKANE R	12893	SHOSHONE	ID U		3.4 3.4
ST JOE R	MOUTH	HEADWATERS	ST JOE R	12894	SHOSHONE	ID F		4.8 4.8
SKOOKUM CR	SIWASH CR	SKOOKUM CR	SPOKANE R	12895	SHOSHONE	ID U		2.0 2.0
RED CROSS CR	MOUTH	RED CROSS CR	ST JOE R	12896	SHOSHONE	ID F		2.9 2.9
SKOOKUM CR	MOUTH	HEADWATERS	SKOOKUM CR	12897	SHOSHONE	ID U		2.2 2.2
ST JOE R	RED CROSS CR	HEADWATERS	ST JOE R	12898	SHOSHONE	ID F		2.5 2.5
SISTERS CR	SKOOKUM CR	SISTERS CR	SPOKANE R	12899	SHOSHONE	ID U		0.2 0.2
UNNAMED	MOUTH	UNNAMED	ST JOE R	12900	SHOSHONE	ID F		4.2 4.2
SISTERS CR	MOUTH	HEADWATERS	SISTERS CR	12901	SHOSHONE	ID U		6.3 6.3
ST JOE R	UNNAMED	HEADWATERS	ST JOE R	12902	SHOSHONE	ID F		7.5 7.5
BIRD CR	SISTERS CR	BIRD CR	SPOKANE R	12903	SHOSHONE	ID U		3.8 3.8
ST JOE R	MOUTH	HEADWATERS	ST JOE R	12904	SHOSHONE	ID F		6.8 6.8
PROSPECTOR CR	BIRD CR	PROSPECTOR CR	SPOKANE R	12905	SHOSHONE	ID U		2.5 2.5
NUGGET CR	MOUTH	HEADWATERS	ST JOE R	12906	SHOSHONE	ID F		3.9 3.9
PERIWINKLE CR	PROSPECTOR CR	NUGGET CR	SPOKANE R	12907	SHOSHONE	ID U		2.4 2.4
NUGGET CR	MOUTH	PERIWINKLE CR	ST JOE R	12908	SHOSHONE	ID F		1.7 1.7
ST JOE R	MOUTH	HEADWATERS	NUGGET CR	12909	SHOSHONE	ID U		2.7 2.7
EAGLE CR	PERIWINKLE CR	HEADWATERS	ST JOE R	12910	SHOSHONE	ID F		0.0 0.0
ST JOE R	NUGGET CR	EAGLE CR	SPOKANE R	12911	SHOSHONE	ID U		0.6 0.6
EAGLE CR	MOUTH	HEADWATERS	ST JOE R	12912	SHOSHONE	ID F		7.0 7.0
ST JOE R	EAGLE CR	QUARTZ CR	SPOKANE R	12913	SHOSHONE	ID U		2.7 2.7

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QUARTZ CR	MOUTH	HEADWATERS	ST JOE R	12914	SHOSHONE	ID F		8.5 8.5
ST JOE R	QUARTZ CR	BLUFF CR	SPOKANE R	12915	SHOSHONE	ID U		1.5 1.5
BLUFF CR	MOUTH	BLUFF CR, E FK	ST JOE R	12916	SHOSHONE	ID F		1.9 1.9
BLUFF CR, W FK	MOUTH	HEADWATERS	BLUFF CR	12917	SHOSHONE	ID U		7.1 7.1
BLUFF CR, E FK	MOUTH	HEADWATERS	BLUFF CR	12918	SHOSHONE	ID U		7.2 7.2
ST JOE R	BLUFF CR	BRUIN CR	SPOKANE R	12919	SHOSHONE	ID U		3.1 3.1
BRUIN CR	MOUTH	HEADWATERS	ST JOE R	12920	SHOSHONE	ID F		4.3 4.3
ST JOE R	BRUIN CR	MOSQUITO CR	SPOKANE R	12921	SHOSHONE	ID U		3.1 3.1
MOSQUITO CR	MOUTH	HEADWATERS	ST JOE R	12922	SHOSHONE	ID F		5.9 5.9
ST JOE R	MOSQUITO CR	GOLD CR	SPOKANE R	12923	SHOSHONE	ID U		0.3 0.3
GOLD CR	MOUTH	GOLD CR, E FK	ST JOE R	12924	SHOSHONE	ID F		1.6 1.6
GOLD CR, E FK	MOUTH	HEADWATERS	GOLD CR	12925	SHOSHONE	ID U		3.5 3.5
GOLD CR	GOLD CR, E FK	HEADWATERS	ST JOE R	12926	SHOSHONE	ID F		7.3 7.3
ST JOE R	GOLD CR	SIMMONS CR	SPOKANE R	12927	SHOSHONE	ID U		1.1 1.1
SIMMONS CR	MOUTH	HEADWATERS	ST JOE R	12928	SHOSHONE	ID F		12.8 12.8
ST JOE R	SIMMONS CR	FLY CR	SPOKANE R	12929	SHOSHONE	ID U		1.7 1.7
FLY CR	MOUTH	HEADWATERS	ST JOE R	12930	SHOSHONE	ID F		5.9 5.9
ST JOE R	FLY CR	BEAVER CR	SPOKANE R	12931	SHOSHONE	ID U		1.7 1.7
BEAVER CR	MOUTH	HEADWATERS	ST JOE R	12932	SHOSHONE	ID F		6.3 6.3
ST JOE R	BEAVER CR	COPPER CR	SPOKANE R	12933	SHOSHONE	ID U		1.7 1.7
COPPER CR	MOUTH	HEADWATERS	ST JOE R	12934	SHOSHONE	ID F		7.6 7.6
ST JOE R	FLY CR	RED IVES CR	SPOKANE R	12935	SHOSHONE	ID U		7.6 7.6
RED IVES CR	MOUTH	HEADWATERS	ST JOE R	12936	SHOSHONE	ID F		5.5 5.5
ST JOE R	RED IVES CR	TIMBER CR	SPOKANE R	12937	SHOSHONE	ID U		7.6 7.6
TIMBER CR	MOUTH	HEADWATERS	ST JOE R	12938	SHOSHONE	ID F		4.7 4.7
ST JOE R	TIMBER CR	BEAN CR	SPOKANE R	12939	SHOSHONE	ID U		7.6 7.6
BEAN CR	MOUTH	HEADWATERS	ST JOE R	12940	SHOSHONE	ID F		4.7 4.7
ST JOE R	BEAN CR	HEADWATERS	SPOKANE R	12941	SHOSHONE	ID U		7.6 7.6
COEUR D'ALENE R	COEUR D'ALENE L	LAKE INTERIOR REACH	SPOKANE R	12942	KOOTENAI	ID U		3.0 3.0
COEUR D'ALENE R	COEUR D'ALENE L	THOMPSON L	SPOKANE R	12943	KOOTENAI	ID F		0.6 0.6
COEUR D'ALENE R	THOMPSON L	LAKE INTERIOR REACH	SPOKANE R	12944	KOOTENAI	ID U		1.8 1.8
THOMPSON CR	THOMPSON L	LAKE INTERIOR REACH	COEUR D'ALENE R	12945	KOOTENAI	ID U		0.0 0.0
THOMPSON CR	THOMPSON L	HEADWATERS	COEUR D'ALENE R	12946	KOOTENAI	ID U		3.9 3.9
COEUR D'ALENE R	THOMPSON L	LAKE INTERIOR REACH	SPOKANE R	12947	KOOTENAI	ID U		0.0 0.0
COEUR D'ALENE R	THOMPSON L	BLACK L	SPOKANE R	12948	KOOTENAI	ID F		3.5 3.5
COEUR D'ALENE R	BLACK L	LAKE INTERIOR REACH	SPOKANE R	12949	KOOTENAI	ID U		0.5 0.5
COEUR D'ALENE R	BLACK L	CAVE L	SPOKANE R	12950	KOOTENAI	ID F		0.9 0.9
COEUR D'ALENE R	CAVE L	LAKE INTERIOR REACH	SPOKANE R	12951	KOOTENAI	ID U		0.0 0.0
WILLOW CR	CAVE L	LAKE INTERIOR REACH	COEUR D'ALENE R	12952	KOOTENAI	ID U		0.0 0.0
WILLOW CR	CAVE L	HEADWATERS	COEUR D'ALENE R	12953	KOOTENAI	ID F		3.9 3.9
COEUR D'ALENE R	CAVE L	LAKE INTERIOR REACH	SPOKANE R	12954	KOOTENAI	ID U		0.0 0.0
EVANS CR	CAVE L	LAKE INTERIOR REACH	COEUR D'ALENE R	12955	KOOTENAI	ID U		3.4 3.4
EVANS CR	CAVE L	HEADWATERS	COEUR D'ALENE R	12956	KOOTENAI	ID F		5.9 5.9
COEUR D'ALENE R	CAVE L	LAKE INTERIOR REACH	SPOKANE R	12957	KOOTENAI	ID U		2.5 2.5
COEUR D'ALENE R	CAVE L	ROBINSON CR	SPOKANE R	12958	KOOTENAI	ID F		1.9 1.9
ROBINSON CR	MOUTH	HEADWATERS	COEUR D'ALENE R	12959	KOOTENAI	ID U		4.6 4.6
COEUR D'ALENE R	ROBINSON CR	FORTIER CR	SPOKANE R	12960	KOOTENAI	ID F		7.7 7.7
FORTIER CR	MOUTH	KILLARNEY L	COEUR D'ALENE R	12961	KOOTENAI	ID F		0.4 0.4
FORTIER CR	KILLARNEY L	LAKE INTERIOR REACH	COEUR D'ALENE R	12962	KOOTENAI	ID U		0.0 0.0

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
FORTIER CR	KILLARNEY L	HEADWATERS	COEUR D'ALENE R	12963	KOOTENAI	ID U	3.3 3.3
COEUR D'ALENE R	FORTIER CR	FOURTH OF JULY CR	SPOKANE R	12964	KOOTENAI	ID F	0.1 0.1
FOURTH OF JULY CR	MOUTH	HEADWATERS	COEUR D'ALENE R	12965	KOOTENAI	ID U	6.3 6.3
COEUR D'ALENE R	FOURTH OF JULY CR	LATOURE CR	SPOKANE R	12966	KOOTENAI	ID F	6.6 6.6
LATOURE CR	MOUTH	BALDY CR	COEUR D'ALENE R	12967	KOOTENAI	ID U	7.6 7.6
BALDY CR	MOUTH	HEADWATERS	LATOURE CR	12968	KOOTENAI	ID U	4.6 4.6
LATOURE CR	BALDY CR	HEADWATERS	COEUR D'ALENE R	12969	BENEWAH	ID U	9.0 9.0
LATOURE CR	BALDY CR	HEADWATERS	COEUR D'ALENE R	12969	KOOTENAI	ID U	9.0 9.0
COEUR D'ALENE R	FOURTH OF JULY CR	SKEEL GULCH	SPOKANE R	12970	KOOTENAI	ID F	1.7 1.7
COEUR D'ALENE R	FOURTH OF JULY CR	SKEEL GULCH	SPOKANE R	12970	SHOSHONE	ID F	1.7 1.7
SKEEL GULCH	MOUTH	HEADWATERS	COEUR D'ALENE R	12971	KOOTENAI	ID U	2.7 2.7
COEUR D'ALENE R	SKEEL GULCH	FRENCH GULCH	SPOKANE R	12972	KOOTENAI	ID F	4.8 4.8
FRENCH GULCH	MOUTH	HEADWATERS	COEUR D'ALENE R	12973	KOOTENAI	ID U	5.1 5.1
COEUR D'ALENE R	FRENCH GULCH	COEUR D'ALENE R, S F	SPOKANE R	12974	KOOTENAI	ID F	1.2 1.2
COEUR D'ALENE R, S FK	MOUTH	BEAR CR	COEUR D'ALENE R	12975	SHOSHONE	ID U	0.1 0.1
BEAR CR	MOUTH	HEADWATERS	COEUR D'ALENE R, S F	12976	SHOSHONE	ID U	7.1 7.1
COEUR D'ALENE R, S FK	BEAR CR	PINE CR	COEUR D'ALENE R	12977	SHOSHONE	ID U	1.8 1.8
PINE CR	MOUTH	PINE CR, E FK	COEUR D'ALENE R, S F	12978	SHOSHONE	ID U	5.1 5.1
PINE CR, E FK	MOUTH	HUNTER CR	PINE CR	12979	SHOSHONE	ID U	1.7 1.7
HUNTER CR	MOUTH	HEADWATERS	PINE CR, E FK	12980	SHOSHONE	ID U	4.6 4.6
PINE CR, E FK	HUNTER CR	HEADWATERS	PINE CR	12981	SHOSHONE	ID U	5.4 5.4
PINE CR	PINE CR, E FK	UNNAMED	COEUR D'ALENE R, S F	12982	SHOSHONE	ID U	0.6 0.6
UNNAMED	MOUTH	HEADWATERS	PINE CR	12983	KOOTENAI	ID U	3.9 3.9
UNNAMED	MOUTH	HEADWATERS	PINE CR	12983	SHOSHONE	ID U	3.9 3.9
PINE CR	UNNAMED	CALUSA CR	COEUR D'ALENE R, S F	12984	SHOSHONE	ID U	4.8 4.8
CALUSA CR	MOUTH	HEADWATERS	PINE CR	12985	SHOSHONE	ID U	3.7 3.7
PINE CR	CALUSA CR	HEADWATERS	COEUR D'ALENE R, S F	12986	BENEWAH	ID U	5.7 5.7
PINE CR	CALUSA CR	HEADWATERS	COEUR D'ALENE R, S F	12986	KOOTENAI	ID U	5.7 5.7
PINE CR	CALUSA CR	HEADWATERS	COEUR D'ALENE R, S F	12986	SHOSHONE	ID U	5.7 5.7
COEUR D'ALENE R, S FK	PINE CR	BIG CR	COEUR D'ALENE R	12987	SHOSHONE	ID U	9.6 9.6
BIG CR	MOUTH	HEADWATERS	COEUR D'ALENE R, S F	12988	SHOSHONE	ID U 07304-00 I	9.0 9.0
COEUR D'ALENE R, S FK	BIG CR	PLACER CR	COEUR D'ALENE R	12989	SHOSHONE	ID U	3.0 3.0
PLACER CR	MOUTH	HEADWATERS	COEUR D'ALENE R, S F	12990	SHOSHONE	ID U	6.1 6.1
COEUR D'ALENE R, S FK	PLACER CR	NINEMILE CR	COEUR D'ALENE R	12991	SHOSHONE	ID U	3.0 3.0
NINEMILE CR	MOUTH	HEADWATERS	COEUR D'ALENE R, S F	12992	SHOSHONE	ID U	4.7 4.7
COEUR D'ALENE R, S FK	NINEMILE CR	CANYON CR	COEUR D'ALENE R	12993	SHOSHONE	ID U	3.0 3.0
CANYON CR	MOUTH	HEADWATERS	COEUR D'ALENE R, S F	12994	SHOSHONE	ID U 07305-00 I 07857-00 U	12.2 12.2
COEUR D'ALENE R, S FK	PLACER CR	COEUR D'ALENE R, S F	COEUR D'ALENE R	12995	SHOSHONE	ID U	6.5 6.5
COEUR D'ALENE R, S FK, LI	MOUTH	HEADWATERS	COEUR D'ALENE R, S F	12996	SHOSHONE	ID U	4.3 4.3
COEUR D'ALENE R, S FK	COEUR D'ALENE R, S F	HEADWATERS	COEUR D'ALENE R	12997	SHOSHONE	ID U	6.6 6.6
COEUR D'ALENE R	COEUR D'ALENE R, S F	COEUR D'ALENE R, N F	SPOKANE R	12998	SHOSHONE	ID F	4.8 4.8
COEUR D'ALENE R, N FK	MOUTH	BUMBLEBEE CR	COEUR D'ALENE R	12999	KOOTENAI	ID F	4.3 4.3
COEUR D'ALENE R, N FK	MOUTH	BUMBLEBEE CR	COEUR D'ALENE R	12999	SHOSHONE	ID F	4.3 4.3
BUMBLEBEE CR	MOUTH	HEADWATERS	COEUR D'ALENE R, N F	13000	SHOSHONE	ID F	4.3 4.3
COEUR D'ALENE R, N FK	BUMBLEBEE CR	COPPER CR	COEUR D'ALENE R	13001	SHOSHONE	ID F	4.2 4.2
COPPER CR	MOUTH	HEADWATERS	COEUR D'ALENE R, N F	13002	KOOTENAI	ID F	5.3 5.3
COEUR D'ALENE R, N FK	BUMBLEBEE CR	LAVERNE CR	COEUR D'ALENE R	13003	KOOTENAI	ID F	8.0 8.0
LAVERNE CR	MOUTH	HEADWATERS	COEUR D'ALENE R, N F	13004	KOOTENAI	ID F	4.3 4.3

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
COEUR D'ALENE R, N FK	LAVERNE CR	LEIBERG CR	COEUR D'ALENE R	13005	KOOTENAI	ID F	1.0 1.0
LEIBERG CR	MOUTH	HEADWATERS	COEUR D'ALENE R, N F	13006	KOOTENAI	ID F	5.1 5.1
COEUR D'ALENE R, N FK	LEIBERG CR	SKOOKUM CR	COEUR D'ALENE R	13007	KOOTENAI	ID F	3.3 3.3
SKOOKUM CR	MOUTH	HEADWATERS	COEUR D'ALENE R, N F	13008	KOOTENAI	ID F	2.7 2.7
COEUR D'ALENE R, N FK	SKOOKUM CR	DECEPTION CR	COEUR D'ALENE R	13009	KOOTENAI	ID F	0.6 0.6
DECEPTION CR	MOUTH	HEADWATERS	COEUR D'ALENE R, N F	13010	KOOTENAI	ID F	3.9 3.9
COEUR D'ALENE R, N FK	DECEPTION CR	BURNT CABIN CR	COEUR D'ALENE R	13011	KOOTENAI	ID F	4.2 4.2
BURNT CABIN CR	MOUTH	HEADWATERS	COEUR D'ALENE R, N F	13012	KOOTENAI	ID F	5.5 5.5
COEUR D'ALENE R, N FK	BURNT CABIN CR	IRON CR	COEUR D'ALENE R	13013	KOOTENAI	ID F	3.5 3.5
IRON CR	MOUTH	HEADWATERS	COEUR D'ALENE R, N F	13014	KOOTENAI	ID F	4.7 4.7
COEUR D'ALENE R, N FK	IRON CR	HEADWATERS	COEUR D'ALENE R	13015	BONNER	ID F	7.0 7.0
COEUR D'ALENE R, N FK	IRON CR	HEADWATERS	COEUR D'ALENE R	13015	KOOTENAI	ID F	7.0 7.0
COEUR D'ALENE R	COEUR D'ALENE R, N F	COUGAR GULCH CR	SPOKANE R	13016	SHOSHONE	ID F	3.9 3.9
COUGAR GULCH CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13017	SHOSHONE	ID F	9.5 9.5
COEUR D'ALENE R	COUGAR GULCH CR	STEAMBOAT CR	SPOKANE R	13018	SHOSHONE	ID F	2.6 2.6
STEAMBOAT CR	MOUTH	INDIAN CR	COEUR D'ALENE R	13019	SHOSHONE	ID F	1.9 1.9
INDIAN CR	MOUTH	HEADWATERS	STEAMBOAT CR	13020	SHOSHONE	ID U	3.7 3.7
STEAMBOAT CR	INDIAN CR	STEAMBOAT CR, E FK	COEUR D'ALENE R	13021	SHOSHONE	ID F	3.3 3.3
STEAMBOAT CR, E FK	MOUTH	HEADWATERS	STEAMBOAT CR	13022	SHOSHONE	ID F	4.6 4.6
STEAMBOAT CR, W FK	MOUTH	HEADWATERS	STEAMBOAT CR	13023	SHOSHONE	ID F	4.5 4.5
COEUR D'ALENE R	STEAMBOAT CR	GRAHAM CR	SPOKANE R	13024	SHOSHONE	ID F	4.0 4.0
GRAHAM CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13025	SHOSHONE	ID F	5.1 5.1
COEUR D'ALENE R	GRAHAM CR	GRIZZLY CR	SPOKANE R	13026	SHOSHONE	ID F	1.2 1.2
GRIZZLY CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13027	SHOSHONE	ID F	3.8 3.8
COEUR D'ALENE R	GRIZZLY CR	BROWN CR	SPOKANE R	13028	SHOSHONE	ID F	1.1 1.1
BROWN CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13029	SHOSHONE	ID F	3.9 3.9
COEUR D'ALENE R	BROWN CR	BEAVER CR	SPOKANE R	13030	SHOSHONE	ID F	5.5 5.5
BEAVER CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13031	SHOSHONE	ID U	4.2 4.2
COEUR D'ALENE R	BEAVER CR	PRICHARD CR	SPOKANE R	13032	SHOSHONE	ID F	2.5 2.5
PRICHARD CR	MOUTH	EAGLE CR	COEUR D'ALENE R	13033	SHOSHONE	ID F	2.8 2.8
EAGLE CR	MOUTH	EAGLE CR, E FK	PRICHARD CR	13034	SHOSHONE	ID F	1.5 1.5
EAGLE CR, E FK	MOUTH	HEADWATERS	EAGLE CR	13035	SHOSHONE	ID U	9.5 9.5
EAGLE CR, W FK	MOUTH	HEADWATERS	EAGLE CR	13036	SHOSHONE	ID F	10.1 10.1
PRICHARD CR	EAGLE CR	UNNAMED	COEUR D'ALENE R	13037	SHOSHONE	ID F	7.7 7.7
UNNAMED	MOUTH	HEADWATERS	PRICHARD CR	13038	SHOSHONE	ID U	0.0 0.0
PRICHARD CR	UNNAMED	HEADWATERS	COEUR D'ALENE R	13039	SHOSHONE	ID F	4.3 4.3
COEUR D'ALENE R	PRICHARD CR	LOST CR	SPOKANE R	13040	SHOSHONE	ID F	4.9 4.9
LOST CR	MOUTH	UNNAMED	COEUR D'ALENE R	13041	SHOSHONE	ID F	1.3 1.3
UNNAMED	MOUTH	HEADWATERS	LOST CR	13042	SHOSHONE	ID U	7.5 7.5
LOST CR	UNNAMED	HEADWATERS	COEUR D'ALENE R	13043	SHOSHONE	ID F	6.2 6.2
COEUR D'ALENE R	LOST CR	SHOSHONE CR	SPOKANE R	13044	SHOSHONE	ID F	1.3 1.3
SHOSHONE CR	MOUTH	FALLS CR	COEUR D'ALENE R	13045	SHOSHONE	ID F	6.7 6.7
FALLS CR	MOUTH	HEADWATERS	SHOSHONE CR	13046	SHOSHONE	ID F	6.8 6.8
SHOSHONE CR	FALLS CR	UNNAMED	COEUR D'ALENE R	13047	SHOSHONE	ID F	3.8 3.8
UNNAMED	MOUTH	HEADWATERS	SHOSHONE CR	13048	SHOSHONE	ID U	4.1 4.1
SHOSHONE CR	UNNAMED	HEADWATERS	COEUR D'ALENE R	13049	SHOSHONE	ID F	5.6 5.6
COEUR D'ALENE R	SHOSHONE CR	DOWNNEY CR	SPOKANE R	13050	SHOSHONE	ID F	7.4 7.4
DOWNNEY CR	MOUTH	DOWNNEY CR, E FK	COEUR D'ALENE R	13051	SHOSHONE	ID F	3.1 3.1
DOWNNEY CR, W FK	MOUTH	HEADWATERS	DOWNNEY CR	13052	SHOSHONE	ID F	1.9 1.9

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST	PR	FERC	DEP	LENG(MI)	
								CT	NUMB	TOT	PROT
DOWNEY CR, E FK	MOUTH	HEADWATERS	DOWNEY CR	13053	SHOSHONE	ID	F			1.8	1.8
COEUR D'ALENE R	DOWNEY CR	YELLOW DOG CR	SPOKANE R	13054	SHOSHONE	ID	F			1.8	1.8
YELLOW DOG CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13055	SHOSHONE	ID	F			5.2	5.2
COEUR D'ALENE R	YELLOW DOG CR	FLAT CR	SPOKANE R	13056	SHOSHONE	ID	F			3.0	3.0
FLAT CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13057	SHOSHONE	ID	F			6.6	6.6
COEUR D'ALENE R	DOWNEY CR	MINERS CR	SPOKANE R	13058	SHOSHONE	ID	F			3.5	3.5
MINERS CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13059	SHOSHONE	ID	F			3.5	3.5
COEUR D'ALENE R	MINERS CR	BRETT CR	SPOKANE R	13060	SHOSHONE	ID	F			2.0	2.0
BRETT CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13061	SHOSHONE	ID	F			3.1	3.1
COEUR D'ALENE R	BRETT CR	TEPEE CR	SPOKANE R	13062	SHOSHONE	ID	F			2.5	2.5
TEPEE CR	MOUTH	INDEPENDENCE CR	COEUR D'ALENE R	13063	SHOSHONE	ID	F			4.4	4.4
INDEPENDENCE CR	MOUTH	UNNAMED	TEPEE CR	13064	BONNER	ID	F			9.1	9.1
INDEPENDENCE CR	MOUTH	UNNAMED	TEPEE CR	13064	SHOSHONE	ID	F			9.1	9.1
UNNAMED	MOUTH	HEADWATERS	INDEPENDENCE CR	13065	BONNER	ID	U			3.9	3.9
INDEPENDENCE CR	UNNAMED	HEADWATERS	TEPEE CR	13066	BONNER	ID	F			3.9	3.9
INDEPENDENCE CR	UNNAMED	HEADWATERS	TEPEE CR	13066	KOOTENAI	ID	F			3.9	3.9
TEPEE CR	INDEPENDENCE CR	BIG ELK CR	COEUR D'ALENE R	13067	SHOSHONE	ID	F			3.8	3.8
TRAIL CR	MOUTH	CALLIS CR	TEPEE CR	13068	KOOTENAI	ID	F			4.9	4.9
TRAIL CR	MOUTH	CALLIS CR	TEPEE CR	13068	SHOSHONE	ID	F			4.9	4.9
CALLIS CR	MOUTH	HEADWATERS	TRAIL CR	13069	KOOTENAI	ID	F			3.7	3.7
TRAIL CR	CALLIS CR	HEADWATERS	TEPEE CR	13070	KOOTENAI	ID	F			4.5	4.5
BIG ELK CR	MOUTH	HEADWATERS	TEPEE CR	13071	SHOSHONE	ID	F			8.4	8.4
COEUR D'ALENE R	TEPEE CR	CATARACT CR	SPOKANE R	13072	SHOSHONE	ID	F			2.5	2.5
CATARACT CR	MOUTH	HEADWATERS	COEUR D'ALENE R	13073	SHOSHONE	ID	U			4.0	4.0
COEUR D'ALENE R	CATARACT CR	JORDAN CR	SPOKANE R	13074	SHOSHONE	ID	F			3.3	3.3
JORDAN CR	MOUTH	LOST FK	COEUR D'ALENE R	13075	SHOSHONE	ID	F			1.4	1.4
LOST FK	MOUTH	HEADWATERS	JORDAN CR	13076	SHOSHONE	ID	U			3.5	3.5
JORDAN CR	LOST FK	HEADWATERS	COEUR D'ALENE R	13077	SHOSHONE	ID	F			2.8	2.8
COEUR D'ALENE R	JORDAN CR	HEADWATERS	SPOKANE R	13078	SHOSHONE	ID	F			13.9	13.9

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STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
COLUMBIA R	MOUTH	COLUMBIA R	PACIFIC OCEAN	1	CLARK	OW A		0.0 0.0
COLUMBIA R	COLUMBIA R	CHINOOK R	PACIFIC OCEAN	2	CLATSOP	OW A		7.5 7.5
CHINOOK R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3	PACIFIC	WA A		0.1 0.1
CHINOOK R	MOUTH	HEADWATERS	COLUMBIA R	4	PACIFIC	WA A		0.0 0.0
COLUMBIA R	CHINOOK R	ALDER CR	PACIFIC OCEAN	5	CLATSOP	OW A		7.5 7.5
ALDER CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	6	CLATSOP	OR U		
ALDER CR	MOUTH	TANSY CR	COLUMBIA R	7	CLATSOP	OR U		
TANSY CR	MOUTH	HEADWATERS	ALDER CR	8	CLATSOP	OR U		
ALDER CR	TANSY CR	HEADWATERS	COLUMBIA R	9	CLATSOP	OR U		
COLUMBIA R	ALDER CR	SKIPANON R	PACIFIC OCEAN	10	CLATSOP	OW A		0.0 0.0
SKIPANON R	YOUNGS BAY	WIDE RIVER INTERIOR	COLUMBIA R	11	CLATSOP	OR A		0.1 0.1
SKIPANON R	MOUTH	CULLABY CR	COLUMBIA R	12	CLATSOP	OR A		0.0 0.0
CULLABY CR	MOUTH	CULLABY L	SKIPANON R	13	CLATSOP	OR A		2.5 2.5
CULLABY CR	CULLABY L	LAKE INTERIOR REACH	SKIPANON R	14	CLATSOP	OR A		2.5 2.5
CULLABY CR	CULLABY L	HEADWATERS	SKIPANON R	15	UNKNOWN	OR A		5.8 5.8
SKIPANON R	CULLABY CR	HEADWATERS	COLUMBIA R	16	UNKNOWN	OR A		2.3 2.3
COLUMBIA R	SKIPANON R	YOUNGS R	PACIFIC OCEAN	17	CLATSOP	OW A		1.2 1.2
YOUNGS R	YOUNGS BAY	WIDE RIVER INTERIOR	COLUMBIA R	18	CLATSOP	OR A		2.7 2.7
YOUNGS R	YOUNGS BAY	WIDE RIVER INTERIOR	COLUMBIA R	19	CLATSOP	OR A		1.3 1.3
LEWIS AND CLARK R	YOUNGS R	WIDE RIVER INTERIOR	YOUNGS R	20	CLATSOP	OR A		2.3 2.3
LEWIS AND CLARK R	MOUTH	JEFFERS SLOUGH	YOUNGS R	21	CLATSOP	OR A		2.3 2.3
JEFFERS SLOUGH	MOUTH	HEADWATERS	LEWIS AND CLARK R	22	CLATSOP	OR U		
LEWIS AND CLARK R	JEFFERS SLOUGH	BARRETT SLOUGH	YOUNGS R	23	CLATSOP	OR A		0.4 0.4
BARRETT SLOUGH	MOUTH	HEADWATERS	LEWIS AND CLARK R	24	CLATSOP	OR U		
LEWIS AND CLARK R	BARRETT SLOUGH	GREEN SLOUGH	YOUNGS R	25	CLATSOP	OR A		0.4 0.4
GREEN SLOUGH	MOUTH	HEADWATERS	LEWIS AND CLARK R	26	CLATSOP	OR U		
LEWIS AND CLARK R	GREEN SLOUGH	JOHNSON CR	YOUNGS R	27	CLATSOP	OR A		0.4 0.4
JOHNSON CR	MOUTH	ABERCROMBIE CR	LEWIS AND CLARK R	28	CLATSOP	OR U		
ABERCROMBIE CR	MOUTH	ABERCROMBIE CR, N FK	JOHNSON CR	29	CLATSOP	OR U		
ABERCROMBIE CR, N FK	MOUTH	HEADWATERS	ABERCROMBIE CR	30	CLATSOP	OR U		
ABERCROMBIE CR	ABERCROMBIE CR, N FK	HEADWATERS	JOHNSON CR	31	CLATSOP	OR U		
JOHNSON CR	ABERCROMBIE CR	HEADWATERS	LEWIS AND CLARK R	32	CLATSOP	OR U		
LEWIS AND CLARK R	JOHNSON CR	PETERSON SLOUGH	YOUNGS R	33	CLATSOP	OR A		0.7 0.7
PETERSON SLOUGH	MOUTH	HEADWATERS	LEWIS AND CLARK R	34	CLATSOP	OR U		
LEWIS AND CLARK R	PETERSON SLOUGH	BROWER CR	YOUNGS R	35	CLATSOP	OR A		1.3 1.3
BROWER CR	MOUTH	HEADWATERS	LEWIS AND CLARK R	36	CLATSOP	OR U		
LEWIS AND CLARK R	BROWER CR	HECKARD CR	YOUNGS R	37	CLATSOP	OR A		1.1 1.1
HECKARD CR	MOUTH	HEADWATERS	LEWIS AND CLARK R	38	CLATSOP	OR A		2.0 1.0
LEWIS AND CLARK R	HECKARD CR	WALFORD JOHNSON CR	YOUNGS R	39	CLATSOP	OR A		1.3 1.3
WALFORD JOHNSON CR	MOUTH	HEADWATERS	LEWIS AND CLARK R	40	CLATSOP	OR U		
LEWIS AND CLARK R	WALFORD JOHNSON CR	STAVEBOLT CR	YOUNGS R	41	CLATSOP	OR A		2.2 2.2
STAVEBOLT CR	MOUTH	LAWS CR	LEWIS AND CLARK R	42	CLATSOP	OR U		
LAWS CR	MOUTH	HEADWATERS	STAVEBOLT CR	43	CLATSOP	OR U		
STAVEBOLT CR	LAWS CR	HEADWATERS	LEWIS AND CLARK R	44	CLATSOP	OR U		
LEWIS AND CLARK R	STAVEBOLT CR	HORTILL CR	YOUNGS R	45	CLATSOP	OR A		1.2 1.2
HORTILL CR	MOUTH	HEADWATERS	LEWIS AND CLARK R	46	CLATSOP	OR A		1.0 0.4
LEWIS AND CLARK R	HORTILL CR	KLICKITOT CR	YOUNGS R	47	CLATSOP	OR A		1.2 1.2
KLICKITOT CR	MOUTH	HEADWATERS	LEWIS AND CLARK R	48	CLATSOP	OR A		0.5 0.5
LEWIS AND CLARK R	KLICKITOT CR	SPEELYAI CR	YOUNGS R	49	CLATSOP	OR A		1.2 1.2

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
SPEELYAI CR	MOUTH	HEADWATERS	LEWIS AND CLARK R	50	CLATSOP	OR A		1.0 0.3
LEWIS AND CLARK R	SPEELYAI CR	LOOWIT CR	YOUNGS R	51	CLATSOP	OR A		1.3 1.3
LOOWIT CR	MOUTH	HEADWATERS	LEWIS AND CLARK R	52	CLATSOP	OR A		2.0 0.8
LEWIS AND CLARK R	LOOWIT CR	SHWEEASH CR	YOUNGS R	53	CLATSOP	OR A		1.2 1.2
SHWEEASH CR	MOUTH	HEADWATERS	LEWIS AND CLARK R	54	CLATSOP	OR A		2.0 0.5
LEWIS AND CLARK R	SHWEEASH CR	LEWIS AND CLARK R, S	YOUNGS R	55	CLATSOP	OR A		2.0 2.0
LEWIS AND CLARK R, S FK	MOUTH	LEWIS AND CLARK R, L	LEWIS AND CLARK R	56	CLATSOP	OR U		
LEWIS AND CLARK R, LITTLE	MOUTH	HEADWATERS	LEWIS & CLARK R, S F	57	CLATSOP	OR U		
LEWIS AND CLARK R, S FK	LEWIS AND CLARK R, L	HEADWATERS	LEWIS AND CLARK R	58	CLATSOP	OR U		
LEWIS AND CLARK R	LEWIS AND CLARK R, S	HEADWATERS	YOUNGS R	59	CLATSOP	OR A		7.3 5.3
YOUNGS R	YOUNGS BAY	WIDE RIVER INTERIOR	COLUMBIA R	60	CLATSOP	OR A		1.7 1.7
YOUNGS R	MOUTH	CROSEL CR	COLUMBIA R	61	CLATSOP	OR A		0.8 0.8
CROSEL CR	MOUTH	HEADWATERS	YOUNGS R	62	CLATSOP	OR U		
YOUNGS R	CROSEL CR	WALLOOSKEE R	COLUMBIA R	63	CLATSOP	OR A		1.1 1.1
WALLOOSKEE R	MOUTH	L WALLOOSKIE R	YOUNGS R	64	CLATSOP	OR A		1.8 1.8
L WALLOOSKIE R	MOUTH	HEADWATERS	WALLOOSKEE R	65	CLATSOP	OR U		
WALLOOSKEE R	L WALLOOSKIE R	PEARSE CR	YOUNGS R	66	CLATSOP	OR A		1.8 1.8
PEARSE CR	MOUTH	HEADWATERS	WALLOOSKEE R	67	CLATSOP	OR U		
WALLOOSKEE R	PEARSE CR	HEADWATERS	YOUNGS R	68	CLATSOP	OR A		5.1 5.1
YOUNGS R	WALLOOSKEE R	BINDER SLOUGH	COLUMBIA R	69	CLATSOP	OR A		1.9 1.9
BINDER SLOUGH	MOUTH	HEADWATERS	YOUNGS R	70	CLATSOP	OR U		
YOUNGS R	BINDER SLOUGH	CASEY SLOUGH	COLUMBIA R	71	CLATSOP	OR A		0.8 0.8
CASEY SLOUGH	MOUTH	HEADWATERS	YOUNGS R	72	CLATSOP	OR U		
YOUNGS R	CASEY SLOUGH	TUCKER CR	COLUMBIA R	73	CLATSOP	OR A		0.5 0.5
TUCKER CR	MOUTH	HEADWATERS	YOUNGS R	74	CLATSOP	OR U		
YOUNGS R	TUCKER CR	BATTLE CR	COLUMBIA R	75	CLATSOP	OR A		0.8 0.8
BATTLE CR	MOUTH	HEADWATERS	YOUNGS R	76	CLATSOP	OR U		
YOUNGS R	BATTLE CR	COOPERAGE SLOUGH	COLUMBIA R	77	CLATSOP	OR A		0.6 0.6
COOPERAGE SLOUGH	MOUTH	HEADWATERS	YOUNGS R	78	CLATSOP	OR U		
YOUNGS R	COOPERAGE SLOUGH	KLASKANINE R	COLUMBIA R	79	CLATSOP	OR A		0.4 0.4
KLASKANINE R	MOUTH	KLASKANINE R, N FK	YOUNGS R	80	CLATSOP	OR A		2.0 2.0
KLASKANINE R, N FK	MOUTH	KLASKANINE R, N FK,	KLASKANINE R	81	CLATSOP	OR A		2.5 1.0
KLASKANINE R, N FK, N FK	MOUTH	HEADWATERS	KLASKANINE R, N FK	82	CLATSOP	OR U		
KLASKANINE R, N FK	KLASKANINE R, N FK,	KLASKANINE R, M FK	KLASKANINE R, N FK	83	CLATSOP	OR F		5.0 5.0
KLASKANINE R, M FK	MOUTH	HEADWATERS	KLASKANINE R, N FK	84	CLATSOP	OR U		
KLASKANINE R, N FK	KLASKANINE R, M FK	HEADWATERS	KLASKANINE R	85	CLATSOP	OR F		2.1 2.1
KLASKANINE R, S FK	MOUTH	HEADWATERS	KLASKANINE R	86	CLATSOP	OR A		13.2 5.9
YOUNGS R	KLASKANINE R	MOOSMOOS CR	COLUMBIA R	87	CLATSOP	OR A		1.1 1.1
MOOSMOOS CR	MOUTH	HEADWATERS	YOUNGS R	88	CLATSOP	OR U		
YOUNGS R	MOOSMOOS CR	WAWA CR	COLUMBIA R	89	CLATSOP	OR A		3.2 1.0
WAWA CR	MOUTH	HEADWATERS	YOUNGS R	90	CLATSOP	OR U		
YOUNGS R	WAWA CR	BAYNEY CR	COLUMBIA R	91	CLATSOP	OR F		2.8 2.8
BAYNEY CR	MOUTH	HEADWATERS	YOUNGS R	92	CLATSOP	OR U		
YOUNGS R	BAYNEY CR	ROCK CR	COLUMBIA R	93	CLATSOP	OR F		2.3 2.3
ROCK CR	MOUTH	HEADWATERS	YOUNGS R	94	CLATSOP	OR U		
YOUNGS R	ROCK CR	OSGOOD CR	COLUMBIA R	95	CLATSOP	OR F		2.3 2.3
OSGOOD CR	MOUTH	HEADWATERS	YOUNGS R	96	CLATSOP	OR U		
YOUNGS R	OSGOOD CR	FOX CR	COLUMBIA R	97	CLATSOP	OR F		1.6 1.6
FOX CR	MOUTH	HEADWATERS	YOUNGS R	98	CLATSOP	OR U		

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YOUNGS R	FOX CR	YOUNGS R, S FK	COLUMBIA R	99	CLATSOP	OR F		0.8 0.8
YOUNGS R, S FK	MOUTH	HEADWATERS	YOUNGS R	100	CLATSOP	OR U		
YOUNGS R	YOUNGS R, S FK	MABEL CR	COLUMBIA R	101	CLATSOP	OR F		1.0 1.0
MABEL CR	MOUTH	HEADWATERS	YOUNGS R	102	CLATSOP	OR U		
YOUNGS R	MABEL CR	FALL CR	COLUMBIA R	103	CLATSOP	OR F		0.4 0.4
FALL CR	MOUTH	HEADWATERS	YOUNGS R	104	CLATSOP	OR U		
YOUNGS R	FALL CR	HEADWATERS	COLUMBIA R	105	CLATSOP	OR F		0.4 0.4
COLUMBIA R	YOUNGS R	MILL CR	PACIFIC OCEAN	106	CLATSOP	OW A		9.1 9.1
MILL CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	107	CLATSOP	OR A		3.0 3.0
MILL CR	MOUTH	HEADWATERS	COLUMBIA R	108	CLATSOP	OR A		1.0 0.3
COLUMBIA R	MILL CR	SISSON CR	PACIFIC OCEAN	109	CLATSOP	OW A		0.0 0.0
SISSON CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	110	WAHIAKUM	WA U		
SISSON CR	MOUTH	HEADWATERS	COLUMBIA R	111	WAHIAKUM	WA U		
COLUMBIA R	SISSON CR	JOHN DAY R	PACIFIC OCEAN	112	CLATSOP	OW A		0.0
JOHN DAY R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	113	CLATSOP	OR U		
JOHN DAY R	MOUTH	JACK CR	COLUMBIA R	114	CLATSOP	OR U		
JACK CR	MOUTH	HEADWATERS	JOHN DAY R	115	CLATSOP	OR U		
JOHN DAY R	JACK CR	HEADWATERS	COLUMBIA R	116	CLATSOP	OR U		
COLUMBIA R	JOHN DAY R	TWILIGHT CR	PACIFIC OCEAN	117	CLATSOP	OW A		0.0
TWILIGHT CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	118	CLATSOP	OR U		
TWILIGHT CR	MOUTH	HEADWATERS	COLUMBIA R	119	CLATSOP	OR U		
COLUMBIA R	TWILIGHT CR	MARYS CR	PACIFIC OCEAN	120	CLATSOP	OW A		0.0
MARYS CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	121	CLATSOP	OR A		3.0 3.0
MARYS CR	MOUTH	HEADWATERS	COLUMBIA R	122	CLATSOP	OR A		2.0 1.5
COLUMBIA R	MARYS CR	BEAR CR	PACIFIC OCEAN	123	CLATSOP	OW A		0.0 0.0
BEAR CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	124	CLATSOP	OR A		3.0 3.0
BEAR CR	MOUTH	LITTLE BEAR CR	COLUMBIA R	125	CLATSOP	OR A		0.5 0.4
LITTLE BEAR CR	MOUTH	HEADWATERS	BEAR CR	126	CLATSOP	OR U		
BEAR CR	LITTLE BEAR CR	ROCK CR	COLUMBIA R	127	CLATSOP	OR U		1.0 1.0
ROCK CR	MOUTH	HEADWATERS	BEAR CR	128	CLATSOP	OR U		
BEAR CR	ROCK CR	JOHN DAY CR	COLUMBIA R	129	CLATSOP	OR U		0.6 0.6
JOHN DAY CR	MOUTH	HEADWATERS	BEAR CR	130	CLATSOP	OR U		
BEAR CR	JOHN DAY CR	WATERWORKS CR	COLUMBIA R	131	CLATSOP	OR U		0.4 0.4
WATERWORKS CR	MOUTH	HEADWATERS	BEAR CR	132	CLATSOP	OR U		
BEAR CR	WATERWORKS CR	HEADWATERS	COLUMBIA R	133	CLATSOP	OR U		2.5 2.5
COLUMBIA R	BEAR CR	DEEP R	PACIFIC OCEAN	134	CLATSOP	OW A		0.0 0.0
DEEP R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	135	WAHIAKUM	WA U		5.1 5.1
DEEP R	MOUTH	HEADWATERS	COLUMBIA R	136	WAHIAKUM	WA U		8.3 8.3
COLUMBIA R	DEEP R	FERRIS CR	PACIFIC OCEAN	137	WAHIAKUM	OW A		1.1 1.1
FERRIS CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	138	CLATSOP	OR A		0.2 0.2
FERRIS CR	MOUTH	HEADWATERS	COLUMBIA R	139	CLATSOP	OR A		2.8 1.4
COLUMBIA R	FERRIS CR	GRAYS R	PACIFIC OCEAN	140	WAHIAKUM	OW A		0.0 0.0
COLUMBIA R	GRAYS R	CROOKED CR	PACIFIC OCEAN	165	WAHIAKUM	OW A		0.0 0.0
CROOKED CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	166	WAHIAKUM	WA U		
CROOKED CR	MOUTH	HEADWATERS	COLUMBIA R	167	WAHIAKUM	WA U		
COLUMBIA R	CROOKED CR	BIG CR	PACIFIC OCEAN	168	WAHIAKUM	OW A		0.0
BIG CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	169	CLATSOP	OR A		4.2 4.2
BIG CR	MOUTH	LITTLE CR	COLUMBIA R	170	CLATSOP	OR A		0.1 0.1
LITTLE CR	MOUTH	HEADWATERS	BIG CR	171	CLATSOP	OR U		6.0 6.0

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BIG CR	LITTLE CR	MILL CR	COLUMBIA R	172	CLATSOP	OR A		2.6 2.6
MILL CR	MOUTH	HEADWATERS	BIG CR	173	CLATSOP	OR U		2.6 2.6
BIG CR	MILL CR	PIGPEN CR	COLUMBIA R	174	CLATSOP	OR A		2.4 0.8
PIGPEN CR	MOUTH	HEADWATERS	BIG CR	175	CLATSOP	OR U		
BIG CR	PIGPEN CR	MUD CR	COLUMBIA R	176	CLATSOP	OR F		1.5 1.5
MUD CR	MOUTH	HEADWATERS	BIG CR	177	CLATSOP	OR U		
BIG CR	MUD CR	COON CR	COLUMBIA R	178	CLATSOP	OR F		1.5 1.5
COON CR	MOUTH	HEADWATERS	BIG CR	179	CLATSOP	OR U		
BIG CR	COON CR	ELK CR	COLUMBIA R	180	CLATSOP	OR F		1.5 1.5
ELK CR	MOUTH	HEADWATERS	BIG CR	181	CLATSOP	OR U		
BIG CR	ELK CR	HEADWATERS	COLUMBIA R	182	CLATSOP	OR F		2.1 2.1
COLUMBIA R	BIG CR	FERTILE VALLEY CR	PACIFIC OCEAN	183	WAHIAKUM	OW A		1.2 1.2
FERTILE VALLEY CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	184	CLATSOP	OR U		0.0 0.0
FERTILE VALLEY CR	MOUTH	DOGWOOD CR	COLUMBIA R	185	CLATSOP	OR U		2.0 2.0
DOGWOOD CR	MOUTH	HEADWATERS	FERTILE VALLEY CR	186	CLATSOP	OR U		1.7 1.7
FERTILE VALLEY CR	DOGWOOD CR	HEADWATERS	COLUMBIA R	187	CLATSOP	OR U		2.4 2.4
COLUMBIA R	FERTILE VALLEY CR	BLIND SLOUGH	PACIFIC OCEAN	188	WAHIAKUM	OW A		0.0 0.0
BLIND SLOUGH	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	189	CLATSOP	OR A		4.9 4.9
BLIND SLOUGH	MOUTH	DAVIS CR	COLUMBIA R	190	CLATSOP	OR A		4.0 4.0
DAVIS CR	MOUTH	HEADWATERS	BLIND SLOUGH	191	CLATSOP	OR U		
BLIND SLOUGH	DAVIS CR	GNAT CR	COLUMBIA R	192	CLATSOP	OR A		1.0 1.0
SUPPLY CR	MOUTH	HEADWATERS	BLIND SLOUGH	193	CLATSOP	OR A		2.0 1.0
GNAT CR	MOUTH	ROCK CR	BLIND SLOUGH	194	CLATSOP	OR A		1.0 1.0
ROCK CR	MOUTH	HEADWATERS	GNAT CR	195	CLATSOP	OR A		4.0 0.3
GNAT CR	ROCK CR	BIG NOISE CR	BLIND SLOUGH	196	CLATSOP	OR F		1.0 1.0
BIG NOISE CR	MOUTH	HEADWATERS	GNAT CR	197	CLATSOP	OR U		
GNAT CR	BIG NOISE CR	KNOTTS CR	BLIND SLOUGH	198	CLATSOP	OR F		3.0 3.0
KNOTTS CR	MOUTH	HEADWATERS	GNAT CR	199	CLATSOP	OR U		
GNAT CR	KNOTTS CR	HEADWATERS	BLIND SLOUGH	200	CLATSOP	OR F		1.8 1.8
COLUMBIA R	BLIND SLOUGH	JIM CROW CR	PACIFIC OCEAN	201	PACIFIC	OW A		4.6 4.6
JIM CROW CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	202	PACIFIC	WA U		
JIM CROW CR	MOUTH	HEADWATERS	COLUMBIA R	203	PACIFIC	WA U		
COLUMBIA R	MOUTH	COLUMBIA R	PACIFIC OCEAN	204	PACIFIC	OW A		0.0
COLUMBIA R	COLUMBIA R	SKAMOKAWA CR	PACIFIC OCEAN	205	WAHIAKUM	OW A		2.7 2.7
SKAMOKAWA CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	206	WAHIAKUM	WA A		2.3 2.3
SKAMOKAWA CR	MOUTH	BROOKS SLOUGH	COLUMBIA R	207	WAHIAKUM	WA A		0.5 0.5
BROOKS SLOUGH	MOUTH	ALGER CR	SKAMOKAWA CR	208	WAHIAKUM	WA U		
ALGER CR	MOUTH	HEADWATERS	BROOKS SLOUGH	209	WAHIAKUM	WA U		
BROOKS SLOUGH	ALGER CR	HEADWATERS	SKAMOKAWA CR	210	WAHIAKUM	WA U		
SKAMOKAWA CR	BROOKS SLOUGH	SKAMOKAWA CR, W FK	COLUMBIA R	211	WAHIAKUM	WA A		0.5 0.5
SKAMOKAWA CR, W FK	MOUTH	W VALLEY CR	SKAMOKAWA CR	212	WAHIAKUM	WA U		2.3 2.3
W VALLEY CR	MOUTH	HEADWATERS	SKAMOKAWA CR, W FK	213	WAHIAKUM	WA U		
SKAMOKAWA CR, W FK	W VALLEY CR	HEADWATERS	SKAMOKAWA CR	214	WAHIAKUM	WA U		4.0 4.0
SKAMOKAWA CR	SKAMOKAWA CR, W FK	WILSON CR	COLUMBIA R	215	WAHIAKUM	WA A		1.6 1.6
WILSON CR	MOUTH	HEADWATERS	SKAMOKAWA CR	216	WAHIAKUM	WA A		7.6 5.1
SKAMOKAWA CR	WILSON CR	STANDARD CR	COLUMBIA R	217	WAHIAKUM	WA A		2.4 2.4
STANDARD CR	MOUTH	HEADWATERS	SKAMOKAWA CR	218	WAHIAKUM	WA A		5.5 1.4
SKAMOKAWA CR	STANDARD CR	HEADWATERS	COLUMBIA R	219	WAHIAKUM	WA A		1.7 0.9
COLUMBIA R	SKAMOKAWA CR	ELOCHOMAN R	PACIFIC OCEAN	220	CLATSOP	OW A		2.0 2.0
COLUMBIA R	SKAMOKAWA CR	ELOCHOMAN R	PACIFIC OCEAN	220	WAHIAKUM	OW A		2.0 2.0

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COLUMBIA R	ELOCHOMAN R	HUNT CR	PACIFIC OCEAN	233	CLATSOP	OW A		6.3 6.3
COLUMBIA R	ELOCHOMAN R	HUNT CR	PACIFIC OCEAN	233	COLUMBIA	OW A		6.3 6.3
COLUMBIA R	ELOCHOMAN R	HUNT CR	PACIFIC OCEAN	233	WAHIAKUM	OW A		6.3 6.3
HUNT CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	234	CLATSOP	OR A		8.0 0.3
HUNT CR	MOUTH	HEADWATERS	COLUMBIA R	235	CLATSOP	OR U		
COLUMBIA R	HUNT CR	WESTPORT SLOUGH	PACIFIC OCEAN	236	CLATSOP	OW A		0.0 0.0
WESTPORT SLOUGH	WESTPORT SLOUGH	WIDE RIVER INTERIOR	COLUMBIA R	237	CLATSOP	OR A		0.0 0.0
WESTPORT SLOUGH	WESTPORT SLOUGH	LAKE INTERIOR REACH	COLUMBIA R	238	CLATSOP	OR A		0.7 0.7
PLYMPTON CR	MOUTH	HEADWATERS	WESTPORT SLOUGH	239	CLATSOP	OR A		6.7 0.9
WESTPORT SLOUGH	WESTPORT SLOUGH	LAKE INTERIOR REACH	COLUMBIA R	240	CLATSOP	OR A		0.8 0.8
WEST CR	MOUTH	HEADWATERS	WESTPORT SLOUGH	241	CLATSOP	OR A		5.0 0.5
WESTPORT SLOUGH	WESTPORT SLOUGH	LAKE INTERIOR REACH	COLUMBIA R	242	CLATSOP	OR A		0.5 0.5
ROSS CR	MOUTH	HEADWATERS	WESTPORT SLOUGH	243	CLATSOP	OR U		
WESTPORT SLOUGH	WESTPORT SLOUGH	OLSEN CR	COLUMBIA R	244	CLATSOP	OR A		0.4 0.4
OLSEN CR	MOUTH	S OLSEN CR	WESTPORT SLOUGH	245	CLATSOP	OR A		1.0 0.5
S OLSEN CR	MOUTH	HEADWATERS	OLSEN CR	246	CLATSOP	OR U		
OLSEN CR	S OLSEN CR	HEADWATERS	WESTPORT SLOUGH	247	CLATSOP	OR U		1.0 1.0
WESTPORT SLOUGH	WESTPORT SLOUGH	LAKE INTERIOR REACH	COLUMBIA R	248	CLATSOP	OR A		0.5 0.5
WOOD CR	MOUTH	HEADWATERS	WESTPORT SLOUGH	249	CLATSOP	OR U		
WESTPORT SLOUGH	WESTPORT SLOUGH	EILERTSON CR	COLUMBIA R	250	CLATSOP	OR A		0.3 0.3
EILERTSON CR	MOUTH	HEADWATERS	WESTPORT SLOUGH	251	CLATSOP	OR U		
WESTPORT SLOUGH	EILERTSON CR	OK CR	COLUMBIA R	252	CLATSOP	OR A		0.3 0.3
OK CR	MOUTH	FAVORITE CR	WESTPORT SLOUGH	253	CLATSOP	OR U		
FAVORITE CR	MOUTH	HEADWATERS	OK CR	254	CLATSOP	OR U		
OK CR	FAVORITE CR	HEADWATERS	WESTPORT SLOUGH	255	CLATSOP	OR U		
WESTPORT SLOUGH	OK CR	UNCLE TOM SLOUGH	COLUMBIA R	256	CLATSOP	OR A		0.4 0.4
UNCLE TOM SLOUGH	MOUTH	HEADWATERS	WESTPORT SLOUGH	257	CLATSOP	OR U		
WESTPORT SLOUGH	UNCLE TOM SLOUGH	TANDY CR	COLUMBIA R	258	CLATSOP	OR A		0.6 0.6
TANDY CR	MOUTH	HEADWATERS	WESTPORT SLOUGH	259	CLATSOP	OR A		1.0 1.0
WESTPORT SLOUGH	WESTPORT SLOUGH	LAKE INTERIOR REACH	COLUMBIA R	260	UNKNOWN	OR A		1.2 1.2
GRAHAM CR	MOUTH	HEADWATERS	WESTPORT SLOUGH	261	UNKNOWN	OR A		4.0 1.0
WESTPORT SLOUGH	WESTPORT SLOUGH	FORD CR	COLUMBIA R	262	UNKNOWN	OR U		0.4 0.4
FORD CR	MOUTH	HEADWATERS	WESTPORT SLOUGH	263	UNKNOWN	OR U		
WESTPORT SLOUGH	FORD CR	HEADWATERS	COLUMBIA R	264	UNKNOWN	OR U		0.6 0.6
COLUMBIA R	HUNT CR	CLATSKANIE R	PACIFIC OCEAN	265	COLUMBIA	OW A		5.9 5.9
COLUMBIA R	HUNT CR	CLATSKANIE R	PACIFIC OCEAN	265	WAHIAKUM	OW A		5.9 5.9
CLATSKANIE R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	266	COLUMBIA	OR A		4.1 4.1
CLATSKANIE R	MOUTH	BEAVER CR	COLUMBIA R	267	COLUMBIA	OR A		1.8 1.8
BEAVER CR	MOUTH	LOST CR	CLATSKANIE R	268	COLUMBIA	OR U		9.3 9.3
LOST CR	MOUTH	HEADWATERS	BEAVER CR	269	COLUMBIA	OR U		
BEAVER CR	LOST CR	HEADWATERS	CLATSKANIE R	270	COLUMBIA	OR U		12.3 12.3
CLATSKANIE R	BEAVER CR	FALL CR	COLUMBIA R	271	COLUMBIA	OR A		1.0 1.0
FALL CR	MOUTH	HEADWATERS	CLATSKANIE R	272	COLUMBIA	OR A		4.5 0.3
CLATSKANIE R	FALL CR	CONYERS CR	COLUMBIA R	273	COLUMBIA	OR A		1.6 1.6
CONYERS CR	CULLABY L	LAKE INTERIOR REACH	CLATSKANIE R	274	COLUMBIA	OR A		5.0 3.0
ROARING CR	MOUTH	HEADWATERS	CONYERS CR	275	COLUMBIA	OR U		
CONYERS CR	CULLABY L	WEST CR	CLATSKANIE R	276	COLUMBIA	OR U		
WEST CR	MOUTH	HEADWATERS	CONYERS CR	277	COLUMBIA	OR U		
CONYERS CR	WEST CR	EAST CR	CLATSKANIE R	278	COLUMBIA	OR U		

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EAST CR	MOUTH	HEADWATERS	CONYERS CR	279	COLUMBIA	OR U		
CONYERS CR	EAST CR	HEADWATERS	CLATSKANIE R	280	COLUMBIA	OR U		
CLATSKANIE R	CONYERS CR	MARTIN CR	COLUMBIA R	281	COLUMBIA	OR A		1.8 1.8
MARTIN CR	MOUTH	HEADWATERS	CLATSKANIE R	282	COLUMBIA	OR U		
CLATSKANIE R	MARTIN CR	MERRILL CR	COLUMBIA R	283	COLUMBIA	OR A		0.8 0.8
MERRILL CR	MOUTH	HEADWATERS	CLATSKANIE R	284	COLUMBIA	OR U		
CLATSKANIE R	MERRILL CR	PERKINS CR	COLUMBIA R	285	COLUMBIA	OR A		0.5 0.5
PERKINS CR	MOUTH	HEADWATERS	CLATSKANIE R	286	COLUMBIA	OR U		
CLATSKANIE R	PERKINS CR	KEYSTONE CR	COLUMBIA R	287	COLUMBIA	OR A		0.8 0.8
KEYSTONE CR	MOUTH	HEADWATERS	CLATSKANIE R	288	COLUMBIA	OR U		
CLATSKANIE R	KEYSTONE CR	MILLER CR	COLUMBIA R	289	COLUMBIA	OR A		0.4 0.4
UNNAMED	MOUTH	HEADWATERS	CLATSKANIE R	290	COLUMBIA	OR U		
CLATSKANIE R	MILLER CR	MILLER CR	COLUMBIA R	291	COLUMBIA	OR A		0.6 0.6
MILLER CR	MOUTH	SCOUT LAKE CR	CLATSKANIE R	292	COLUMBIA	OR U		
SCOUT LAKE CR	MOUTH	SCOUT CAMP L	MILLER CR	293	COLUMBIA	OR U		
SCOUT LAKE CR	SCOUT CAMP L	LAKE INTERIOR REACH	MILLER CR	294	COLUMBIA	OR U		
MILLER CR	SCOUT LAKE CR	HEADWATERS	CLATSKANIE R	295	COLUMBIA	OR U		
CLATSKANIE R	MILLER CR	ADAM CR	COLUMBIA R	296	COLUMBIA	OR A		0.3 0.3
ADAM CR	MOUTH	HEADWATERS	CLATSKANIE R	297	COLUMBIA	OR U		5.9 5.9
CLATSKANIE R	ADAM CR	CLATSKANIE R, N FK	COLUMBIA R	298	COLUMBIA	OR A		3.1 3.1
CLATSKANIE R, N FK	MOUTH	HEADWATERS	CLATSKANIE R	299	COLUMBIA	OR U		
CLATSKANIE R	CLATSKANIE R, N FK	CARCUS CR	COLUMBIA R	300	COLUMBIA	OR A		1.0 1.0
CARCUS CR	MOUTH	CARCUS CR, W FK	CLATSKANIE R	301	COLUMBIA	OR U		1.5 1.5
CARCUS CR, W FK	MOUTH	HEADWATERS	CARCUS CR	302	COLUMBIA	OR U		
CARCUS CR	CARCUS CR, W FK	LAVA CR	CLATSKANIE R	303	COLUMBIA	OR U		1.1 1.1
LAVA CR	MOUTH	HEADWATERS	CARCUS CR	304	COLUMBIA	OR U		
CARCUS CR	LAVA CR	HEADWATERS	CLATSKANIE R	305	COLUMBIA	OR U		2.6 2.6
CLATSKANIE R	CARCUS CR	LITTLE CLATSKANIE R	COLUMBIA R	306	COLUMBIA	OR A		6.0 6.0
LITTLE CLATSKANIE R	MOUTH	HEADWATERS	CLATSKANIE R	307	COLUMBIA	OR A		5.0 3.0
CLATSKANIE R	LITTLE CLATSKANIE R	HEADWATERS	COLUMBIA R	308	COLUMBIA	OR A		7.6 7.6
COLUMBIA R	CLATSKANIE R	CLATSKANIE SLOUGH	PACIFIC OCEAN	309	COLUMBIA	OW A		4.7 4.7
CLATSKANIE SLOUGH	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	310	COLUMBIA	OR U		
CLATSKANIE SLOUGH	MOUTH	HEADWATERS	COLUMBIA R	311	COLUMBIA	OR U		
COLUMBIA R	CLATSKANIE SLOUGH	LARSON SLOUGH	PACIFIC OCEAN	312	COLUMBIA	OW A		0.0
LARSON SLOUGH	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	313	COLUMBIA	OR U		
LARSON SLOUGH	MOUTH	HEADWATERS	COLUMBIA R	314	COLUMBIA	OR U		
COLUMBIA R	LARSON SLOUGH	MILL CR	PACIFIC OCEAN	315	COLUMBIA	OW A		0.0
MILL CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	316	COWLITZ	WA A		1.0 1.0
MILL CR	MOUTH	HEADWATERS	COLUMBIA R	317	COWLITZ	WA A		11.5 11.5
MILL CR	MOUTH	HEADWATERS	COLUMBIA R	317	WAKKIAKUM	WA A		11.5 11.5
COLUMBIA R	MILL CR	ABERNATHY CR	PACIFIC OCEAN	318	COWLITZ	OW A		0.4 0.4
ABERNATHY CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	319	COWLITZ	WA A		1.1 1.1
ABERNATHY CR	MOUTH	SLIDE CR	COLUMBIA R	320	COWLITZ	WA A		1.4 1.4
SLIDE CR	MOUTH	HEADWATERS	ABERNATHY CR	321	COWLITZ	WA U		4.8 4.8
ABERNATHY CR	SLIDE CR	WEIST CR	COLUMBIA R	322	COWLITZ	WA A		2.4 2.4
WEIST CR	MOUTH	HEADWATERS	ABERNATHY CR	323	COWLITZ	WA U		
ABERNATHY CR	WEIST CR	HEADWATERS	COLUMBIA R	324	COWLITZ	WA A		7.5 7.5
COLUMBIA R	ABERNATHY CR	DOBBINS SLOUGH	PACIFIC OCEAN	325	COWLITZ	OW A		2.0 2.0
DOBBINS SLOUGH	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	326	COLUMBIA	OR U		

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
DOBBINS SLOUGH	MOUTH	TANK CR	COLUMBIA R	327	COLUMBIA	OR U	
TANK CR	MOUTH	HEADWATERS	DOBBINS SLOUGH	328	COLUMBIA	OR U	
DOBBINS SLOUGH	TANK CR	MCLEAN SLOUGH	COLUMBIA R	329	COLUMBIA	OR U	
MCLEAN SLOUGH	MOUTH	HEADWATERS	DOBBINS SLOUGH	330	COLUMBIA	OR U	
DOBBINS SLOUGH	MCLEAN SLOUGH	BEAVER CR	COLUMBIA R	331	COLUMBIA	OR U	
BEAVER CR	MOUTH	STEWART CR	DOBBINS SLOUGH	332	COLUMBIA	OR U	
STEWART CR	MOUTH	STEWART CR, N FK	BEAVER CR	333	COLUMBIA	OR U	
STEWART CR, N FK	MOUTH	HEADWATERS	STEWART CR	334	COLUMBIA	OR U	
STEWART CR	STEWART CR, N FK	HEADWATERS	BEAVER CR	335	COLUMBIA	OR U	
BEAVER CR	STEWART CR	LOST CR	DOBBINS SLOUGH	336	COLUMBIA	OR U	
LOST CR	MOUTH	PALMER CR	BEAVER CR	337	COLUMBIA	OR U	
PALMER CR	MOUTH	HEADWATERS	LOST CR	338	COLUMBIA	OR U	
LOST CR	PALMER CR	WASHBURN CR	BEAVER CR	339	COLUMBIA	OR U	
WASHBURN CR	MOUTH	HEADWATERS	LOST CR	340	COLUMBIA	OR U	
LOST CR	WASHBURN CR	HEADWATERS	BEAVER CR	341	COLUMBIA	OR U	
BEAVER CR	LOST CR	BEAVER CR, S FK	DOBBINS SLOUGH	342	COLUMBIA	OR U	
BEAVER CR, S FK	MOUTH	ELK CR	BEAVER CR	343	COLUMBIA	OR U	
ELK CR	MOUTH	HEADWATERS	BEAVER CR, S FK	344	COLUMBIA	OR U	
BEAVER CR, S FK	ELK CR	WILSON CR	BEAVER CR	345	COLUMBIA	OR U	
WILSON CR	MOUTH	HEADWATERS	BEAVER CR, S FK	346	COLUMBIA	OR U	
BEAVER CR, S FK	WILSON CR	HEADWATERS	BEAVER CR	347	COLUMBIA	OR U	
BEAVER CR	BEAVER CR, S FK	GIRT CR	DOBBINS SLOUGH	348	COLUMBIA	OR U	
GIRT CR	MOUTH	HEADWATERS	BEAVER CR	349	COLUMBIA	OR U	
BEAVER CR	GIRT CR	HEADWATERS	DOBBINS SLOUGH	350	COLUMBIA	OR U	
DOBBINS SLOUGH	BEAVER CR	HEADWATERS	COLUMBIA R	351	COLUMBIA	OR U	
COLUMBIA R	DOBBINS SLOUGH	CRIES CR	PACIFIC OCEAN	352	COWLITZ	OW A	0.0
CRIES CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	353	COLUMBIA	OR U	
CRIES CR	MOUTH	HEADWATERS	COLUMBIA R	354	COLUMBIA	OR U	
COLUMBIA R	CRIES CR	TERNAHAN CR	PACIFIC OCEAN	355	COWLITZ	OW A	0.0
TERNAHAN CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	356	COLUMBIA	OR U	
TERNAHAN CR	MOUTH	HEADWATERS	COLUMBIA R	357	COLUMBIA	OR U	
COLUMBIA R	TERNAHAN CR	FLUME CR	PACIFIC OCEAN	358	COWLITZ	OW A	0.0
FLUME CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	359	COLUMBIA	OR U	
FLUME CR	MOUTH	HEADWATERS	COLUMBIA R	360	COLUMBIA	OR U	
COLUMBIA R	FLUME CR	GREEN CR	PACIFIC OCEAN	361	COWLITZ	OW A	0.0
GREEN CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	362	COLUMBIA	OR A	4.0 0.5
GREEN CR	MOUTH	HEADWATERS	COLUMBIA R	363	COLUMBIA	OR U	
COLUMBIA R	GREEN CR	GERMANY CR	PACIFIC OCEAN	364	COWLITZ	OW A	0.0
GERMANY CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	365	COWLITZ	WA A	1.1 1.1
GERMANY CR	MOUTH	HEADWATERS	COLUMBIA R	366	COWLITZ	WA A	8.8 8.8
COLUMBIA R	GERMANY CR	COAL CR	PACIFIC OCEAN	367	COLUMBIA	OW A	12.5 12.5
COLUMBIA R	GERMANY CR	COAL CR	PACIFIC OCEAN	367	COWLITZ	OW A	12.5 12.5
COAL CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	368	COLUMBIA	OR A	0.2 0.2
COAL CR	MOUTH	HEADWATERS	COLUMBIA R	369	COLUMBIA	OR A	9.8 4.4
COLUMBIA R	COAL CR	RINEARSON SLOUGH	PACIFIC OCEAN	370	COLUMBIA	OW A	0.0 0.0
RINEARSON SLOUGH	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	371	COLUMBIA	OR U	
RINEARSON SLOUGH	MOUTH	HEADWATERS	COLUMBIA R	372	COLUMBIA	OR U	
COLUMBIA R	RINEARSON SLOUGH	NICE CR	PACIFIC OCEAN	373	COLUMBIA	OW A	0.0
NICE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	374	COLUMBIA	OR U	

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
NICE CR	MOUTH	HEADWATERS	COLUMBIA R	375	COLUMBIA	OR U		
COLUMBIA R	NICE CR	FOX CR	PACIFIC OCEAN	376	COLUMBIA	OW A		0.0
FOX CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	377	COLUMBIA	OR U		
FOX CR	MOUTH	FOX CR, E BR	COLUMBIA R	378	COLUMBIA	OR U		
FOX CR, E BR	MOUTH	HEADWATERS	FOX CR	379	COLUMBIA	OR U		
FOX CR	FOX CR, E BR	HEADWATERS	COLUMBIA R	380	COLUMBIA	OR U		
COLUMBIA R	FOX CR	COWLITZ R	PACIFIC OCEAN	381	COLUMBIA	OW A		0.0
COLUMBIA R	COWLITZ R	OWL CR	PACIFIC OCEAN	612	COWLITZ	OW A	4.4	4.4
OWL CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	613	COLUMBIA	OR U		
OWL CR	MOUTH	HEADWATERS	COLUMBIA R	614	COLUMBIA	OR U		
COLUMBIA R	OWL CR	OASIS CR	PACIFIC OCEAN	615	COWLITZ	OW A		0.0
OASIS CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	616	COLUMBIA	OR U		
OASIS CR	MOUTH	HEADWATERS	COLUMBIA R	617	COLUMBIA	OR U		
COLUMBIA R	OASIS CR	NEER CR	PACIFIC OCEAN	618	COWLITZ	OW A		0.0
NEER CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	619	COLUMBIA	OR U		
NEER CR	MOUTH	CARR SLOUGH	COLUMBIA R	620	COLUMBIA	OR U		
CARR SLOUGH	MOUTH	HEADWATERS	NEER CR	621	COLUMBIA	OR U		
NEER CR	CARR SLOUGH	LITTLE JACK FALLS	COLUMBIA R	622	COLUMBIA	OR U		
LITTLE JACK FALLS	MOUTH	HEADWATERS	NEER CR	623	COLUMBIA	OR U		
NEER CR	LITTLE JACK FALLS	JACK FALLS	COLUMBIA R	624	COLUMBIA	OR U		
JACK FALLS	MOUTH	HEADWATERS	NEER CR	625	COLUMBIA	OR U		
NEER CR	JACK FALLS	WELTER CR	COLUMBIA R	626	COLUMBIA	OR U		
WELTER CR	MOUTH	HEADWATERS	NEER CR	627	COLUMBIA	OR U		
NEER CR	WELTER CR	HEADWATERS	COLUMBIA R	628	COLUMBIA	OR U		
COLUMBIA R	NEER CR	KALAMA R	PACIFIC OCEAN	629	COWLITZ	OW A		0.0
COLUMBIA R	KALAMA R	GOBLE CR	PACIFIC OCEAN	650	COLUMBIA	OW A	3.1	3.1
COLUMBIA R	KALAMA R	GOBLE CR	PACIFIC OCEAN	650	COWLITZ	OW A	3.1	3.1
GOBLE CR	MOUTH	GOBLE CR, S FK	COLUMBIA R	651	COLUMBIA	OR A	2.0	2.0
GOBLE CR, S FK	MOUTH	HEADWATERS	GOBLE CR	652	COLUMBIA	OR U		
GOBLE CR	GOBLE CR, S FK	HEADWATERS	COLUMBIA R	653	COLUMBIA	OR A	4.0	4.0
COLUMBIA R	GOBLE CR	TIDE CR	PACIFIC OCEAN	654	COLUMBIA	OW A		0.0
TIDE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	655	COLUMBIA	OR U	9.6	9.6
TIDE CR	MOUTH	BISHOP CR	COLUMBIA R	656	COLUMBIA	OR U	6.5	6.5
BISHOP CR	MOUTH	HEADWATERS	TIDE CR	657	COLUMBIA	OR U		
TIDE CR	BISHOP CR	ENDICOTT CR	COLUMBIA R	658	COLUMBIA	OR U	2.7	2.7
ENDICOTT CR	MOUTH	HEADWATERS	TIDE CR	659	COLUMBIA	OR U		
TIDE CR	ENDICOTT CR	HEADWATERS	COLUMBIA R	660	COLUMBIA	OR U	3.0	3.0
COLUMBIA R	TIDE CR	DEER ISLAND SLOUGH	PACIFIC OCEAN	661	COLUMBIA	OW A	10.8	10.8
COLUMBIA R	TIDE CR	DEER ISLAND SLOUGH	PACIFIC OCEAN	661	CLARK	OW A	10.8	10.8
COLUMBIA R	TIDE CR	DEER ISLAND SLOUGH	PACIFIC OCEAN	661	COWLITZ	OW A	10.8	10.8
DEER ISLAND SLOUGH	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	662	COLUMBIA	OR U		
DEER ISLAND SLOUGH	MOUTH	HEADWATERS	COLUMBIA R	663	COLUMBIA	OR U		
COLUMBIA R	DEER ISLAND SLOUGH	MERRILL CR	PACIFIC OCEAN	664	COLUMBIA	OW A		0.0
MERRILL CR	MOUTH	ADAMS CR	COLUMBIA R	665	COLUMBIA	OR A	3.2	3.2
ADAMS CR	MOUTH	HEADWATERS	MERRILL CR	666	COLUMBIA	OR U		
MERRILL CR	ADAMS CR	HEADWATERS	COLUMBIA R	667	COLUMBIA	OR A	3.3	3.3
COLUMBIA R	MERRILL CR	MCBRIDE CR	PACIFIC OCEAN	668	COLUMBIA	OW A		0.0
MCBRIDE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	669	COLUMBIA	OR U	3.0	3.0
MCBRIDE CR	MOUTH	HEADWATERS	COLUMBIA R	670	COLUMBIA	OR U		

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
COLUMBIA R	MCBRIDE CR	HARRIE CR	PACIFIC OCEAN	671	COLUMBIA	OW A		1.5 1.5
COLUMBIA R	MCBRIDE CR	HARRIE CR	PACIFIC OCEAN	671	CLARK	OW A		1.5 1.5
COLUMBIA R	MCBRIDE CR	HARRIE CR	PACIFIC OCEAN	671	COWLITZ	OW A		1.5 1.5
HARRIE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	672	COLUMBIA	OR U		
HARRIE CR	MOUTH	HEADWATERS	COLUMBIA R	673	COLUMBIA	OR U		
COLUMBIA R	HARRIE CR	JACKASS CANYON	PACIFIC OCEAN	674	COLUMBIA	OW A		0.0
JACKASS CANYON	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	675	COLUMBIA	OR U		
JACKASS CANYON	MOUTH	HEADWATERS	COLUMBIA R	676	COLUMBIA	OR U		
COLUMBIA R	JACKASS CANYON	LEWIS R	PACIFIC OCEAN	677	COLUMBIA	OW A		0.0
COLUMBIA R	LEWIS R	SCAPPOOSE CR	PACIFIC OCEAN	775	COLUMBIA	OW A		0.0 0.0
SCAPPOOSE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	776	COLUMBIA	OR A		1.3 1.3
SCAPPOOSE CR	SCAPPOOSE BAY	LAKE INTERIOR REACH	COLUMBIA R	777	COLUMBIA	OR A		0.7 0.7
MULTNOMAH CHANNEL	SCAPPOOSE BAY	WIDE RIVER INTERIOR	SCAPPOOSE CR	778	COLUMBIA	OR U		0.6 0.6
MULTNOMAH CHANNEL	MOUTH	CUNNINGHAM SLOUGH	SCAPPOOSE CR	779	COLUMBIA	OR U		19.5 19.5
MULTNOMAH CHANNEL	MOUTH	CUNNINGHAM SLOUGH	SCAPPOOSE CR	779	MULTNOMAH	OR U		19.5 19.5
CUNNINGHAM SLOUGH	MOUTH	HEADWATERS	MULTNOMAH CHANNEL	780	COLUMBIA	OR U		
MULTNOMAH CHANNEL	CUNNINGHAM SLOUGH	SANTOSH SLOUGH	SCAPPOOSE CR	781	COLUMBIA	OR U		0.5 0.5
SANTOSH SLOUGH	MOUTH	EVANS SLOUGH	MULTNOMAH CHANNEL	782	COLUMBIA	OR U		
EVANS SLOUGH	MOUTH	HEADWATERS	SANTOSH SLOUGH	783	COLUMBIA	OR U		
SANTOSH SLOUGH	EVANS SLOUGH	HEADWATERS	MULTNOMAH CHANNEL	784	COLUMBIA	OR U		
MULTNOMAH CHANNEL	SANTOSH SLOUGH	GILBERT R	SCAPPOOSE CR	785	COLUMBIA	OR U		4.2 4.2
GILBERT R	MOUTH	HEADWATERS	MULTNOMAH CHANNEL	786	COLUMBIA	OR U		
MULTNOMAH CHANNEL	GILBERT R	JOY CR	SCAPPOOSE CR	787	COLUMBIA	OR U		5.5 5.5
JOY CR	MOUTH	HEADWATERS	MULTNOMAH CHANNEL	788	COLUMBIA	OR U		
MULTNOMAH CHANNEL	JOY CR	MCCARTHY CR	SCAPPOOSE CR	789	COLUMBIA	OR U		4.8 4.8
MCCARTHY CR	MOUTH	HEADWATERS	MULTNOMAH CHANNEL	790	COLUMBIA	OR U		
MULTNOMAH CHANNEL	MCCARTHY CR	WILLAMETTE R	SCAPPOOSE CR	791	COLUMBIA	OR U		4.0 4.0
MULTNOMAH CHANNEL	WILLAMETTE R	LAKE INTERIOR REACH	SCAPPOOSE CR	792	COLUMBIA	OR U		0.0 0.0
SCAPPOOSE CR	SCAPPOOSE BAY	LAKE INTERIOR REACH	COLUMBIA R	793	COLUMBIA	OR A		2.4 2.4
MILTON CR	SCAPPOOSE BAY	LAKE INTERIOR REACH	SCAPPOOSE CR	794	COLUMBIA	OR A		1.6 1.6
MILTON CR	SCAPPOOSE BAY	PERRY CR	SCAPPOOSE CR	795	COLUMBIA	OR A		5.9 5.9
PERRY CR	MOUTH	HEADWATERS	MILTON CR	796	COLUMBIA	OR U		
MILTON CR	PERRY CR	DART CR	SCAPPOOSE CR	797	COLUMBIA	OR A		1.3 1.3
DART CR	MOUTH	HEADWATERS	MILTON CR	798	COLUMBIA	OR U		
MILTON CR	DART CR	COX CR	SCAPPOOSE CR	799	COLUMBIA	OR A		1.2 1.2
COX CR	MOUTH	HEADWATERS	MILTON CR	800	COLUMBIA	OR A		4.0 1.0
MILTON CR	COX CR	SALMON CR	SCAPPOOSE CR	801	COLUMBIA	OR A		1.0 1.0
SALMON CR	MOUTH	HEADWATERS	MILTON CR	802	COLUMBIA	OR A		3.5 0.5
MILTON CR	SALMON CR	SMITH CR	SCAPPOOSE CR	803	COLUMBIA	OR A		2.6 2.6
SMITH CR	MOUTH	SALMONBERRY CR	MILTON CR	804	COLUMBIA	OR U		
SALMONBERRY CR	MOUTH	HEADWATERS	SMITH CR	805	COLUMBIA	OR U		
SMITH CR	SALMONBERRY CR	HEADWATERS	MILTON CR	806	COLUMBIA	OR U		
MILTON CR	SMITH CR	APILTON CR	SCAPPOOSE CR	807	COLUMBIA	OR U		2.9 2.9
APILTON CR	MOUTH	HEADWATERS	MILTON CR	808	COLUMBIA	OR U		
MILTON CR	APILTON CR	HEADWATERS	SCAPPOOSE CR	809	COLUMBIA	OR U		4.2 4.2
SCAPPOOSE CR	SCAPPOOSE BAY	LAKE INTERIOR REACH	COLUMBIA R	810	COLUMBIA	OR A		0.2 0.2
MCNULTY CR	SCAPPOOSE BAY	WIDE RIVER INTERIOR	SCAPPOOSE CR	811	COLUMBIA	OR U		
MCNULTY CR	MOUTH	HEADWATERS	SCAPPOOSE CR	812	COLUMBIA	OR U		
SCAPPOOSE CR	SCAPPOOSE BAY	LAKE INTERIOR REACH	COLUMBIA R	813	COLUMBIA	OR A		0.2 0.2

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
WARREN CR	SCAPPOOSE BAY	WIDE RIVER INTERIOR	SCAPPOOSE CR	814	COLUMBIA	OR U		
WARREN CR	MOUTH	HEADWATERS	SCAPPOOSE CR	815	COLUMBIA	OR U		
SCAPPOOSE CR	SCAPPOOSE BAY	LAKE INTERIOR REACH	COLUMBIA R	816	COLUMBIA	OR A		0.2 0.2
HONEYMAN CR	SCAPPOOSE BAY	WIDE RIVER INTERIOR	SCAPPOOSE CR	817	COLUMBIA	OR U		
HONEYMAN CR	MOUTH	SLY CR	SCAPPOOSE CR	818	COLUMBIA	OR U		
SLY CR	MOUTH	HEADWATERS	HONEYMAN CR	819	COLUMBIA	OR U		
HONEYMAN CR	SLY CR	HEADWATERS	SCAPPOOSE CR	820	UNKNOWN	OR U		
SCAPPOOSE CR	SCAPPOOSE BAY	LAKE INTERIOR REACH	COLUMBIA R	821	COLUMBIA	OR A		0.2 0.2
SCAPPOOSE CR	SCAPPOOSE BAY	N SCAPPOOSE CR	COLUMBIA R	822	COLUMBIA	OR A		4.4 4.4
S SCAPPOOSE CR	MOUTH	RAYMOND CR	SCAPPOOSE CR	823	COLUMBIA	OR A		2.8 2.8
RAYMOND CR	MOUTH	HEADWATERS	S SCAPPOOSE CR	824	COLUMBIA	OR A		1.5 1.5
S SCAPPOOSE CR	RAYMOND CR	GOURLAY CR	SCAPPOOSE CR	825	COLUMBIA	OR A		2.6 2.6
GOURLAY CR	MOUTH	HEADWATERS	S SCAPPOOSE CR	826	COLUMBIA	OR A		3.0 0.8
S SCAPPOOSE CR	GOURLAY CR	LAZY CR	SCAPPOOSE CR	827	COLUMBIA	OR A		1.4 1.4
LAZY CR	MOUTH	HEADWATERS	S SCAPPOOSE CR	828	COLUMBIA	OR A		1.3 1.3
S SCAPPOOSE CR	LAZY CR	HEADWATERS	SCAPPOOSE CR	829	COLUMBIA	OR A		4.1 1.2
N SCAPPOOSE CR	MOUTH	DEEP CR	SCAPPOOSE CR	830	COLUMBIA	OR A		2.1 2.1
DEEP CR	MOUTH	HEADWATERS	N SCAPPOOSE CR	831	COLUMBIA	OR U		1.9 1.9
N SCAPPOOSE CR	DEEP CR	ALDER CR	SCAPPOOSE CR	832	COLUMBIA	OR A		4.4 4.4
ALDER CR	MOUTH	HEADWATERS	N SCAPPOOSE CR	833	COLUMBIA	OR A		4.0 1.0
N SCAPPOOSE CR	ALDER CR	BRUSH CR	SCAPPOOSE CR	834	COLUMBIA	OR A		1.3 1.3
BRUSH CR	MOUTH	HEADWATERS	N SCAPPOOSE CR	835	COLUMBIA	OR A		3.0 1.0
N SCAPPOOSE CR	BRUSH CR	CEDAR CR	SCAPPOOSE CR	836	COLUMBIA	OR A		0.6 0.6
CEDAR CR	MOUTH	HEADWATERS	N SCAPPOOSE CR	837	COLUMBIA	OR A		4.0 1.0
N SCAPPOOSE CR	CEDAR CR	HEADWATERS	SCAPPOOSE CR	838	COLUMBIA	OR A		4.0 1.6
COLUMBIA R	SCAPPOOSE CR	LAKE R	PACIFIC OCEAN	839	COLUMBIA	OW A		8.6 8.6
COLUMBIA R	SCAPPOOSE CR	LAKE R	PACIFIC OCEAN	839	CLARK	OW A		8.6 8.6
LAKE R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	840	CLARK	WA A		0.4 0.4
LAKE R	MOUTH	BURNT BRIDGE CR	COLUMBIA R	841	CLARK	WA A		14.0 14.0
SALMON CR	MOUTH	MORGAN CR	LAKE R	842	CLARK	WA A		16.8 16.8
MORGAN CR	MOUTH	HEADWATERS	SALMON CR	843	CLARK	WA U		
SALMON CR	MORGAN CR	HEADWATERS	LAKE R	844	CLARK	WA A		5.8 5.8
BURNT BRIDGE CR	MOUTH	HEADWATERS	LAKE R	845	CLARK	WA A		12.8 6.4
COLUMBIA R	LAKE R	WILLAMETTE R	PACIFIC OCEAN	847	COLUMBIA	OW A		6.9 6.9
COLUMBIA R	LAKE R	WILLAMETTE R	PACIFIC OCEAN	847	MULTNOMAH	OW A		6.9 6.9
COLUMBIA R	LAKE R	WILLAMETTE R	PACIFIC OCEAN	847	CLARK	OW A		6.9 6.9
MUD SLOUGH	MOUTH	HEADWATERS	COLUMBIA SLOUGH	851	MULTNOMAH	OR U		
COLUMBIA R	WILLAMETTE R	WASHOUGAL R	PACIFIC OCEAN	3358	MULTNOMAH	OW A		23.0 23.0
COLUMBIA R	WILLAMETTE R	WASHOUGAL R	PACIFIC OCEAN	3358	CLARK	OW A		23.0 23.0
COLUMBIA R	WASHOUGAL R	SANDY R	PACIFIC OCEAN	3395	CLARK	OW A		1.1 1.1
COLUMBIA R	SANDY R	LAWTON CR	PACIFIC OCEAN	3585	CLARK	OW A		0.0 0.0
LAWTON CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3586	CLARK	WA A		0.2 0.2
LAWTON CR	MOUTH	HEADWATERS	COLUMBIA R	3587	CLARK	WA A		2.3 2.3
COLUMBIA R	LAWTON CR	BUTLER CR	PACIFIC OCEAN	3588	MULTNOMAH	OW A		22.8 22.8
COLUMBIA R	LAWTON CR	BUTLER CR	PACIFIC OCEAN	3588	CLARK	OW A		22.8 22.8
COLUMBIA R	LAWTON CR	BUTLER CR	PACIFIC OCEAN	3588	SKAMANIA	OW A		22.8 22.8
BUTLER CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3589	MULTNOMAH	OR U		
BUTLER CR	MOUTH	YOUNG CR	COLUMBIA R	3590	MULTNOMAH	OR U		
YOUNG CR	MOUTH	HEADWATERS	BUTLER CR	3591	MULTNOMAH	OR U		

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
BUTLER CR	YOUNG CR	LATOURELL CR	COLUMBIA R	3592	MULTNOMAH	OR U		
LATOURELL CR	MOUTH	HEADWATERS	BUTLER CR	3593	MULTNOMAH	OR U		
BUTLER CR	LATOURELL CR	HEADWATERS	COLUMBIA R	3594	MULTNOMAH	OR U		
COLUMBIA R	BUTLER CR	HENDERSON CR	PACIFIC OCEAN	3595	MULTNOMAH	OW A		0.0
COLUMBIA R	BUTLER CR	HENDERSON CR	PACIFIC OCEAN	3595	SKAMANIA	OW A		0.0
HENDERSON CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3596	MULTNOMAH	OR U		
HENDERSON CR	MOUTH	HEADWATERS	COLUMBIA R	3597	MULTNOMAH	OR U		
COLUMBIA R	HENDERSON CR	BRIDAL VEIL CR	PACIFIC OCEAN	3598	MULTNOMAH	OW A		0.0
COLUMBIA R	HENDERSON CR	BRIDAL VEIL CR	PACIFIC OCEAN	3598	SKAMANIA	OW A		0.0
BRIDAL VEIL CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3599	MULTNOMAH	OR U		
BRIDAL VEIL CR	MOUTH	HEADWATERS	COLUMBIA R	3600	MULTNOMAH	OR U		
COLUMBIA R	BRIDAL VEIL CR	COOPEY CR	PACIFIC OCEAN	3601	MULTNOMAH	OW A		0.0
COLUMBIA R	BRIDAL VEIL CR	COOPEY CR	PACIFIC OCEAN	3601	SKAMANIA	OW A		0.0
COOPEY CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3602	MULTNOMAH	OR U		
COOPEY CR	MOUTH	HEADWATERS	COLUMBIA R	3603	MULTNOMAH	OR U		
COLUMBIA R	COOPEY CR	DALTON CR	PACIFIC OCEAN	3604	MULTNOMAH	OW A		0.0
COLUMBIA R	COOPEY CR	DALTON CR	PACIFIC OCEAN	3604	SKAMANIA	OW A		0.0
DALTON CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3605	MULTNOMAH	OR U		
DALTON CR	MOUTH	HEADWATERS	COLUMBIA R	3606	MULTNOMAH	OR U		
COLUMBIA R	DALTON CR	WAHKEENA CR	PACIFIC OCEAN	3607	MULTNOMAH	OW A		0.0
COLUMBIA R	DALTON CR	WAHKEENA CR	PACIFIC OCEAN	3607	SKAMANIA	OW A		0.0
WAHKEENA CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3608	MULTNOMAH	OR U		
WAHKEENA CR	MOUTH	HEADWATERS	COLUMBIA R	3609	MULTNOMAH	OR U		
COLUMBIA R	WAHKEENA CR	MULTNOMAH CR	PACIFIC OCEAN	3610	MULTNOMAH	OW A		0.0
COLUMBIA R	WAHKEENA CR	MULTNOMAH CR	PACIFIC OCEAN	3610	SKAMANIA	OW A		0.0
MULTNOMAH CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3611	MULTNOMAH	OR U		
MULTNOMAH CR	MOUTH	HEADWATERS	COLUMBIA R	3612	MULTNOMAH	OR U		
COLUMBIA R	MULTNOMAH CR	DUNCAN CR	PACIFIC OCEAN	3613	MULTNOMAH	OW A		0.0
COLUMBIA R	MULTNOMAH CR	DUNCAN CR	PACIFIC OCEAN	3613	SKAMANIA	OW A		0.0
DUNCAN CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3614	SKAMANIA	WA A	0.2	0.2
DUNCAN CR	MOUTH	HEADWATERS	COLUMBIA R	3615	SKAMANIA	WA A	6.5	6.5
COLUMBIA R	DUNCAN CR	ONEONTA CR	PACIFIC OCEAN	3616	MULTNOMAH	OW A	0.0	0.0
COLUMBIA R	DUNCAN CR	ONEONTA CR	PACIFIC OCEAN	3616	SKAMANIA	OW A	0.0	0.0
ONEONTA CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3617	MULTNOMAH	OR U		
ONEONTA CR	MOUTH	HEADWATERS	COLUMBIA R	3618	MULTNOMAH	OR U		
COLUMBIA R	ONEONTA CR	TUMALT CR	PACIFIC OCEAN	3619	MULTNOMAH	OW A		0.0
COLUMBIA R	ONEONTA CR	TUMALT CR	PACIFIC OCEAN	3619	SKAMANIA	OW A		0.0
TUMALT CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3620	MULTNOMAH	OR U		
TUMALT CR	MOUTH	HEADWATERS	COLUMBIA R	3621	MULTNOMAH	OR U		
COLUMBIA R	TUMALT CR	HARDY CR	PACIFIC OCEAN	3622	MULTNOMAH	OW A		0.0
COLUMBIA R	TUMALT CR	HARDY CR	PACIFIC OCEAN	3622	SKAMANIA	OW A		0.0
HARDY CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3623	SKAMANIA	WA A	0.2	0.2
HARDY CR	MOUTH	HEADWATERS	COLUMBIA R	3624	SKAMANIA	WA A	4.5	4.5
COLUMBIA R	HARDY CR	MCCORD CR	PACIFIC OCEAN	3625	MULTNOMAH	OW A	0.0	0.0
COLUMBIA R	HARDY CR	MCCORD CR	PACIFIC OCEAN	3625	SKAMANIA	OW A	0.0	0.0
MCCORD CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3626	MULTNOMAH	OR A	0.2	0.2
MCCORD CR	MOUTH	HEADWATERS	COLUMBIA R	3627	MULTNOMAH	OR A	2.2	0.3
COLUMBIA R	MCCORD CR	MOFFETT CR	PACIFIC OCEAN	3628	MULTNOMAH	OW A	0.0	0.0
COLUMBIA R	MCCORD CR	MOFFETT CR	PACIFIC OCEAN	3628	SKAMANIA	OW A	0.0	0.0

PROTECTED AREAS DESIGNATIONS FOR STREAM REACHES IN THE COL_R_BELOW_BON SUBBASIN, WA, NW POWER PLANNING COUNCIL, MAY, 1988 PAGE 12

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
MOFFETT CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3629	MULTNOMAH	OR A		0.2 0.2
MOFFETT CR	MOUTH	HEADWATERS	COLUMBIA R	3630	MULTNOMAH	OR A		3.8 0.5
COLUMBIA R	MOFFETT CR	HAMILTON CR	PACIFIC OCEAN	3631	MULTNOMAH	OW A		0.0 0.0
COLUMBIA R	MOFFETT CR	HAMILTON CR	PACIFIC OCEAN	3631	SKAMANIA	OW A		0.0 0.0
HAMILTON CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3632	SKAMANIA	WA A		0.2 0.2
HAMILTON CR	MOUTH	HEADWATERS	COLUMBIA R	3633	SKAMANIA	WA A		8.1 8.1
COLUMBIA R	HAMILTON CR	TANNER CR	PACIFIC OCEAN	3634	MULTNOMAH	OW A		0.0 0.0
COLUMBIA R	HAMILTON CR	TANNER CR	PACIFIC OCEAN	3634	SKAMANIA	OW A		0.0 0.0
TANNER CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3635	MULTNOMAH	OR U		1.1 1.1
TANNER CR	MOUTH	HEADWATERS	COLUMBIA R	3636	MULTNOMAH	OR U		6.3 6.3
COLUMBIA R	TANNER CR	GREENLEAF CR	PACIFIC OCEAN	3637	MULTNOMAH	OW A		1.4 1.4
COLUMBIA R	TANNER CR	GREENLEAF CR	PACIFIC OCEAN	3637	SKAMANIA	OW A		1.4 1.4
GREENLEAF CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3638	SKAMANIA	WA A		0.2 0.2
GREENLEAF CR	MOUTH	HEADWATERS	COLUMBIA R	3639	SKAMANIA	WA A		5.9 5.9
COLUMBIA R	COLUMBIA R	COLUMBIA R	PACIFIC OCEAN	3640	MULTNOMAH	OW A		0.0 0.0

COL R FR BON TO PR RP

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
COLUMBIA R	COLUMBIA R	EAGLE CR	PACIFIC OCEAN	3641	HOOD RIVER	OW A		0.7 0.7
COLUMBIA R	COLUMBIA R	EAGLE CR	PACIFIC OCEAN	3641	MULTNOMAH	OW A		0.7 0.7
COLUMBIA R	COLUMBIA R	EAGLE CR	PACIFIC OCEAN	3641	SKAMANIA	OW A		0.7 0.7
EAGLE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3642	HOOD RIVER	OR A		3.9 3.9
EAGLE CR	MOUTH	EAGLE CR, E FK	COLUMBIA R	3643	HOOD RIVER	OR A		5.6 2.9
EAGLE CR, E FK	MOUTH	HEADWATERS	EAGLE CR	3644	HOOD RIVER	OR U		
EAGLE CR	EAGLE CR, E FK	HEADWATERS	COLUMBIA R	3645	HOOD RIVER	OR U		4.1 4.1
COLUMBIA R	EAGLE CR	ROCK CR	PACIFIC OCEAN	3646	HOOD RIVER	OW A		4.3 4.3
COLUMBIA R	EAGLE CR	ROCK CR	PACIFIC OCEAN	3646	MULTNOMAH	OW A		4.3 4.3
COLUMBIA R	EAGLE CR	ROCK CR	PACIFIC OCEAN	3646	SKAMANIA	OW A		4.3 4.3
ROCK CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3647	SKAMANIA	WA U		1.1 1.1
ROCK CR	MOUTH	SPRING CR	COLUMBIA R	3648	SKAMANIA	WA F		3.0 3.0
SPRING CR	MOUTH	HEADWATERS	ROCK CR	3649	SKAMANIA	WA U		3.7 3.7
ROCK CR	SPRING CR	HEADWATERS	COLUMBIA R	3650	SKAMANIA	WA F		10.5 10.5
COLUMBIA R	ROCK CR	HERMAN CR	PACIFIC OCEAN	3651	SKAMANIA	OW A		4.3 4.3
HERMAN CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3652	HOOD RIVER	OR A		0.2 0.2
HERMAN CR	MOUTH	HERMAN CR, E FK	COLUMBIA R	3653	HOOD RIVER	OR A		3.8 3.8
HERMAN CR, E FK	MOUTH	HEADWATERS	HERMAN CR	3654	HOOD RIVER	OR U		4.3 4.3
HERMAN CR	HERMAN CR, E FK	HEADWATERS	COLUMBIA R	3655	HOOD RIVER	OR A		4.7 0.6
COLUMBIA R	HERMAN CR	WIND R	PACIFIC OCEAN	3656	SKAMANIA	OW A		0.0 0.0
COLUMBIA R	WIND R	GRAYS CR	PACIFIC OCEAN	3705	HOOD RIVER	OW A		14.6 14.6
COLUMBIA R	WIND R	GRAYS CR	PACIFIC OCEAN	3705	KLICKITAT	OW A		14.6 14.6
COLUMBIA R	WIND R	GRAYS CR	PACIFIC OCEAN	3705	SKAMANIA	OW A		14.6 14.6
GRAYS CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3706	HOOD RIVER	OR U		
GRAYS CR	MOUTH	HEADWATERS	COLUMBIA R	3707	HOOD RIVER	OR U		
COLUMBIA R	GRAYS CR	GORTON CR	PACIFIC OCEAN	3708	HOOD RIVER	OW A		0.0
GORTON CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3709	HOOD RIVER	OR A		0.2 0.2
GORTON CR	MOUTH	HEADWATERS	COLUMBIA R	3710	HOOD RIVER	OR A	09704-00 U	2.6 0.5
COLUMBIA R	GORTON CR	LINDSEY CR	PACIFIC OCEAN	3711	HOOD RIVER	OW A		0.0 0.0
LINDSEY CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3712	HOOD RIVER	OR A		0.2 0.2
LINDSEY CR	MOUTH	HEADWATERS	COLUMBIA R	3713	HOOD RIVER	OR A		3.8 0.5
COLUMBIA R	LINDSEY CR	WARREN CR	PACIFIC OCEAN	3714	HOOD RIVER	OW A		0.0 0.0
WARREN CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3715	HOOD RIVER	OR A		0.2 0.2
WARREN CR	MOUTH	HEADWATERS	COLUMBIA R	3716	HOOD RIVER	OR A		2.6 0.3
COLUMBIA R	WARREN CR	STARVATION CR	PACIFIC OCEAN	3717	HOOD RIVER	OW A		0.0 0.0
STARVATION CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3718	HOOD RIVER	OR U		
STARVATION CR	MOUTH	HEADWATERS	COLUMBIA R	3719	HOOD RIVER	OR U		
COLUMBIA R	STARVATION CR	VIENTO CR	PACIFIC OCEAN	3720	HOOD RIVER	OW A		0.0
VIENTO CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3721	HOOD RIVER	OR A		0.2 0.2
VIENTO CR	MOUTH	HEADWATERS	COLUMBIA R	3722	HOOD RIVER	OR A		3.0 0.4
COLUMBIA R	VIENTO CR	PERHAM CR	PACIFIC OCEAN	3723	HOOD RIVER	OW A		0.0 0.0
PERHAM CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3724	HOOD RIVER	OR U		
PERHAM CR	MOUTH	HEADWATERS	COLUMBIA R	3725	HOOD RIVER	OR U		
COLUMBIA R	PERHAM CR	LITTLE WHITE SALMON	PACIFIC OCEAN	3726	HOOD RIVER	OW A		0.0
COLUMBIA R	LITTLE WHITE SALMON	MITCHELL CR	PACIFIC OCEAN	3731	HOOD RIVER	OW A		0.0 0.0
MITCHELL CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3732	HOOD RIVER	OR U		
MITCHELL CR	MOUTH	HEADWATERS	COLUMBIA R	3733	HOOD RIVER	OR U		
COLUMBIA R	MITCHELL CR	HELPS CR	PACIFIC OCEAN	3734	HOOD RIVER	OW A		0.0
HELPS CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3735	HOOD RIVER	OR U		

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
PHELPS CR	MOUTH	HEADWATERS	COLUMBIA R	3736	HOOD RIVER	OR U	
COLUMBIA R	PHELPS CR	WHITE SALMON R	PACIFIC OCEAN	3737	HOOD RIVER	OW A	0.0
COLUMBIA R	WHITE SALMON R	GATE CR	PACIFIC OCEAN	3760	KLICKITAT	OW A	1.1 1.1
GATE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3761	HOOD RIVER	OR U	
GATE CR	MOUTH	HEADWATERS	COLUMBIA R	3762	HOOD RIVER	OR U	
COLUMBIA R	GATE CR	ROCK CR	PACIFIC OCEAN	3763	KLICKITAT	OW A	0.0
ROCK CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3764	HOOD RIVER	OR U	
ROCK CR	MOUTH	HEADWATERS	COLUMBIA R	3765	HOOD RIVER	OR U	
COLUMBIA R	ROCK CR	HOOD R	PACIFIC OCEAN	3766	KLICKITAT	OW A	0.0
COLUMBIA R	HOOD R	MOSIER CR	PACIFIC OCEAN	3877	HOOD RIVER	OW A	6.6 6.6
COLUMBIA R	HOOD R	MOSIER CR	PACIFIC OCEAN	3877	WASCO	OW A	6.6 6.6
COLUMBIA R	HOOD R	MOSIER CR	PACIFIC OCEAN	3877	KLICKITAT	OW A	6.6 6.6
MOSIER CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3878	HOOD RIVER	OR A	4.8 4.8
MOSIER CR	MOUTH	MOSIER CR, W FK	COLUMBIA R	3879	WASCO	OR A	3.7 0.3
MOSIER CR, W FK	MOUTH	HEADWATERS	MOSIER CR	3880	WASCO	OR U	
MOSIER CR	MOSIER CR, W FK	HONEYSUCKLE CR	COLUMBIA R	3881	WASCO	OR U	3.8 3.8
HONEYSUCKLE CR	MOUTH	LADORE CR	MOSIER CR	3882	WASCO	OR U	
LADORE CR	MOUTH	HEADWATERS	HONEYSUCKLE CR	3883	WASCO	OR U	
HONEYSUCKLE CR	LADORE CR	HEADWATERS	MOSIER CR	3884	WASCO	OR U	
MOSIER CR	HONEYSUCKLE CR	HEADWATERS	COLUMBIA R	3885	WASCO	OR U	4.9 4.9
COLUMBIA R	MOSIER CR	KLICKITAT R	PACIFIC OCEAN	3886	WASCO	OW A	5.7 5.7
COLUMBIA R	MOSIER CR	KLICKITAT R	PACIFIC OCEAN	3886	KLICKITAT	OW A	5.7 5.7
COLUMBIA R	KLICKITAT R	CHENOWETH CR	PACIFIC OCEAN	3955	WASCO	OW A	10.1 10.1
COLUMBIA R	KLICKITAT R	CHENOWETH CR	PACIFIC OCEAN	3955	KLICKITAT	OW A	10.1 10.1
CHENOWETH CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3956	WASCO	OR A	0.2 0.2
CHENOWETH CR	MOUTH	BROWN CR	COLUMBIA R	3957	WASCO	OR A	4.8 4.8
BROWN CR	MOUTH	HEADWATERS	CHENOWETH CR	3958	WASCO	OR A	8.8 5.0
CHENOWETH CR	BROWN CR	HEADWATERS	COLUMBIA R	3959	WASCO	OR U	4.0 4.0
COLUMBIA R	CHENOWETH CR	MILL CR	PACIFIC OCEAN	3960	WASCO	OW A	0.0 0.0
MILL CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3961	WASCO	OR A	3.3 3.3
MILL CR	MOUTH	MILL CR, N FK	COLUMBIA R	3962	WASCO	OR A	8.2 8.2
MILL CR, S FK	MOUTH	CROW CR	MILL CR	3963	WASCO	OR A	7.3 0.3
CROW CR	MOUTH	ALDER CR	MILL CR, S FK	3964	WASCO	OR U	
ALDER CR	MOUTH	HEADWATERS	CROW CR	3965	WASCO	OR U	
CROW CR	ALDER CR	HEADWATERS	MILL CR, S FK	3966	WASCO	OR U	
MILL CR, S FK	CROW CR	HEADWATERS	MILL CR	3967	WASCO	OR U	6.7 6.7
MILL CR, N FK	MOUTH	HEADWATERS	MILL CR	3968	WASCO	OR A	6.7 6.7
COLUMBIA R	MILL CR	THREEMILE CR	PACIFIC OCEAN	3969	WASCO	OW A	3.8 3.8
COLUMBIA R	MILL CR	THREEMILE CR	PACIFIC OCEAN	3969	KLICKITAT	OW A	3.8 3.8
THREEMILE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3970	WASCO	OR U	
THREEMILE CR	MOUTH	HEADWATERS	COLUMBIA R	3971	WASCO	OR U	
COLUMBIA R	THREEMILE CR	FIFTEENMILE CR	PACIFIC OCEAN	3972	WASCO	OW A	0.0
COLUMBIA R	FIFTEENMILE CR	DESCHUTES R	PACIFIC OCEAN	4021	KLICKITAT	OW A	11.9 11.9
COLUMBIA R	DESCHUTES R	SPANISH HOLLOW CR	PACIFIC OCEAN	4724	KLICKITAT	OW A	5.6 5.6
SPANISH HOLLOW CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	4725	SHERMAN	OR U	6.6 6.6
SPANISH HOLLOW CR	MOUTH	HEADWATERS	COLUMBIA R	4726	SHERMAN	OR U	12.9 12.9
COLUMBIA R	COLUMBIA R	COLUMBIA R	PACIFIC OCEAN	4727	SHERMAN	OW A	8.4 8.4
COLUMBIA R	COLUMBIA R	COLUMBIA R	PACIFIC OCEAN	4727	KLICKITAT	OW A	8.4 8.4
COLUMBIA R	COLUMBIA R	JOHN DAY R	PACIFIC OCEAN	4728	GILLIAM	OW A	3.5 3.5
COLUMBIA R	COLUMBIA R	JOHN DAY R	PACIFIC OCEAN	4728	SHERMAN	OW A	3.5 3.5
COLUMBIA R	COLUMBIA R	JOHN DAY R	PACIFIC OCEAN	4728	KLICKITAT	OW A	3.5 3.5

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
COLUMBIA R	JOHN DAY R	ROSE CR	PACIFIC OCEAN	5916	GILLIAM	OW A	12.0 12.0
COLUMBIA R	JOHN DAY R	ROSE CR	PACIFIC OCEAN	5916	SHERMAN	OW A	12.0 12.0
COLUMBIA R	JOHN DAY R	ROSE CR	PACIFIC OCEAN	5916	KLICKITAT	OW A	12.0 12.0
ROSE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	5917	KLICKITAT	WA U	0.3 0.3
ROSE CR	MOUTH	SQUAW CR	COLUMBIA R	5918	KLICKITAT	WA U	8.9 8.9
SQUAW CR	MOUTH	HEADWATERS	ROSE CR	5919	KLICKITAT	WA U	19.0 19.0
ROSE CR	SQUAW CR	QUARTZ CR	COLUMBIA R	5920	KLICKITAT	WA U	9.2 9.2
QUARTZ CR	MOUTH	HEADWATERS	ROSE CR	5921	KLICKITAT	WA U	10.7 10.7
ROSE CR	QUARTZ CR	HEADWATERS	COLUMBIA R	5922	KLICKITAT	WA U	10.2 10.2
COLUMBIA R	ROSE CR	WOOD GULCH	PACIFIC OCEAN	5923	GILLIAM	OW A	16.2 16.2
COLUMBIA R	ROSE CR	WOOD GULCH	PACIFIC OCEAN	5923	KLICKITAT	OW A	16.2 16.2
WOOD GULCH	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	5924	KLICKITAT	WA U	0.6 0.6
WOOD GULCH	MOUTH	HEADWATERS	COLUMBIA R	5925	KLICKITAT	WA U	21.4 21.4
COLUMBIA R	WOOD GULCH	PINE CR	PACIFIC OCEAN	5926	GILLIAM	OW A	6.2 6.2
COLUMBIA R	WOOD GULCH	PINE CR	PACIFIC OCEAN	5926	KLICKITAT	OW A	6.2 6.2
PINE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	5927	KLICKITAT	WA U	0.5 0.5
PINE CR	MOUTH	HEADWATERS	COLUMBIA R	5928	KLICKITAT	WA U	28.7 28.7
COLUMBIA R	PINE CR	WILLOW CR	PACIFIC OCEAN	5929	GILLIAM	OW A	3.8 3.8
COLUMBIA R	PINE CR	WILLOW CR	PACIFIC OCEAN	5929	KLICKITAT	OW A	3.8 3.8
WILLOW CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	5930	GILLIAM	OR U	5.1 5.1
WILLOW CR	MOUTH	EIGHTMILE CANYON	COLUMBIA R	5931	GILLIAM	OR U	7.6 7.6
WILLOW CR	MOUTH	EIGHTMILE CANYON	COLUMBIA R	5931	MORROW	OR U	7.6 7.6
EIGHTMILE CANYON	MOUTH	HEADWATERS	WILLOW CR	5932	GILLIAM	OR U	39.3 39.3
EIGHTMILE CANYON	MOUTH	HEADWATERS	WILLOW CR	5932	MORROW	OR U	39.3 39.3
WILLOW CR	EIGHTMILE CANYON	RHEA CR	COLUMBIA R	5933	GILLIAM	OR U	27.1 27.1
WILLOW CR	EIGHTMILE CANYON	RHEA CR	COLUMBIA R	5933	MORROW	OR U	27.1 27.1
RHEA CR	MOUTH	SANFORD CANYON	WILLOW CR	5934	MORROW	OR U	25.9 25.9
SANFORD CANYON	MOUTH	HEADWATERS	RHEA CR	5935	MORROW	OR U	6.6 6.6
RHEA CR	SANFORD CANYON	BALM CANYON	WILLOW CR	5936	MORROW	OR U	4.4 4.4
BALM CANYON	MOUTH	ROAD CANYON	RHEA CR	5937	MORROW	OR U	2.0 2.0
ROAD CANYON	MOUTH	HEADWATERS	BALM CANYON	5938	MORROW	OR U	
BALM CANYON	ROAD CANYON	HOUSELOG CR	RHEA CR	5939	MORROW	OR U	1.3 1.3
HOUSELOG CR	MOUTH	HEADWATERS	BALM CANYON	5940	MORROW	OR U	5.0 5.0
BALM CANYON	HOUSELOG CR	HEADWATERS	RHEA CR	5941	MORROW	OR U	5.0 5.0
RHEA CR	BALM CANYON	THORN CR	WILLOW CR	5942	MORROW	OR U	1.5 1.5
THORN CR	MOUTH	JUG CR	RHEA CR	5943	MORROW	OR U	7.0 7.0
JUG CR	MOUTH	HEADWATERS	THORN CR	5944	MORROW	OR U	
THORN CR	JUG CR	HEADWATERS	RHEA CR	5945	MORROW	OR U	1.6 1.6
RHEA CR	THORN CR	RUTABAGA CR	WILLOW CR	5946	MORROW	OR U	3.3 3.3
RUTABAGA CR	MOUTH	HEADWATERS	RHEA CR	5947	MORROW	OR U	4.9 4.9
RHEA CR	RUTABAGA CR	WILSON CR	WILLOW CR	5948	MORROW	OR U	1.9 1.9
WILSON CR	MOUTH	WALKER CR	RHEA CR	5949	MORROW	OR U	
WALKER CR	MOUTH	HEADWATERS	WILSON CR	5950	MORROW	OR U	
WILSON CR	WALKER CR	CAPLINGER CR	RHEA CR	5951	MORROW	OR U	
CAPLINGER CR	MOUTH	HEADWATERS	WILSON CR	5952	MORROW	OR U	
WILSON CR	CAPLINGER CR	SUMMERFIELD CANYON	RHEA CR	5953	MORROW	OR U	
SUMMERFIELD CANYON	MOUTH	HEADWATERS	WILSON CR	5954	MORROW	OR U	
WILSON CR	SUMMERFIELD CANYON	HEADWATERS	RHEA CR	5955	MORROW	OR U	
RHEA CR	WILSON CR	HEADWATERS	WILLOW CR	5956	MORROW	OR U	3.9 3.9

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WILLOW CR	RHEA CR	CLARKS CANYON	COLUMBIA R	5957	MORROW	OR U	5.1 5.1
CLARKS CANYON	MOUTH	HEADWATERS	WILLOW CR	5958	MORROW	OR U	11.0 11.0
WILLOW CR	CLARKS CANYON	HINTON CR	COLUMBIA R	5959	MORROW	OR U	11.7 11.7
HINTON CR	MOUTH	HEADWATERS	WILLOW CR	5960	MORROW	OR U	12.8 12.8
WILLOW CR	HINTON CR	BALM FK	COLUMBIA R	5961	MORROW	OR U	1.1 1.1
BALM FK	MOUTH	HEADWATERS	WILLOW CR	5962	MORROW	OR U	13.3 13.3
WILLOW CR	BALM FK	SKINNERS FK	COLUMBIA R	5963	MORROW	OR U	7.9 7.9
SKINNERS FK	MOUTH	HEADWATERS	WILLOW CR	5964	MORROW	OR U	8.2 8.2
WILLOW CR	SKINNERS FK	WILLOW CR, N FK	COLUMBIA R	5965	MORROW	OR U	5.7 5.7
WILLOW CR, N FK	MOUTH	HEADWATERS	WILLOW CR	5966	MORROW	OR U	
WILLOW CR	WILLOW CR, N FK	SHAW CR	COLUMBIA R	5967	MORROW	OR U	5.7 5.7
SHAW CR	MOUTH	HEADWATERS	WILLOW CR	5968	MORROW	OR U	
WILLOW CR	SHAW CR	HERREN CR	COLUMBIA R	5969	MORROW	OR U	0.7 0.7
HERREN CR	MOUTH	HEADWATERS	WILLOW CR	5970	MORROW	OR U	
WILLOW CR	HERREN CR	HEADWATERS	COLUMBIA R	5971	MORROW	OR U	0.5 0.5
COLUMBIA R	WILLOW CR	ALDER CR	PACIFIC OCEAN	5972	GILLIAM	OW A	6.0 6.0
COLUMBIA R	WILLOW CR	ALDER CR	PACIFIC OCEAN	5972	MORROW	OW A	6.0 6.0
COLUMBIA R	WILLOW CR	ALDER CR	PACIFIC OCEAN	5972	KLICKITAT	OW A	6.0 6.0
ALDER CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	5973	KLICKITAT	WA U	1.0 1.0
ALDER CR	MOUTH	SIXPRONG CR	COLUMBIA R	5974	KLICKITAT	WA U	3.0 3.0
SIXPRONG CR	MOUTH	HEADWATERS	ALDER CR	5975	KLICKITAT	WA U	14.4 14.4
ALDER CR	SIXPRONG CR	TULE GULCH CR	COLUMBIA R	5976	KLICKITAT	WA U	6.2 6.2
TULE GULCH CR	MOUTH	HEADWATERS	ALDER CR	5977	KLICKITAT	WA U	16.6 16.6
ALDER CR	TULE GULCH CR	HEADWATERS	COLUMBIA R	5978	KLICKITAT	WA U	22.9 22.9
COLUMBIA R	ALDER CR	SIXMILE CANYON	PACIFIC OCEAN	5979	MORROW	OW A	1.1 1.1
SIXMILE CANYON	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	5980	MORROW	OR U	12.4 12.4
SIXMILE CANYON	MOUTH	HEADWATERS	COLUMBIA R	5981	MORROW	OR U	6.2 6.2
COLUMBIA R	SIXMILE CANYON	GLADE CR	PACIFIC OCEAN	5982	MORROW	OW A	14.1 14.1
COLUMBIA R	SIXMILE CANYON	GLADE CR	PACIFIC OCEAN	5982	BENTON	OW A	14.1 14.1
COLUMBIA R	SIXMILE CANYON	GLADE CR	PACIFIC OCEAN	5982	KLICKITAT	OW A	14.1 14.1
GLADE CR	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	5983	BENTON	WA U	2.6 2.6
GLADE CR	MOUTH	GLADE CR, E BR	COLUMBIA R	5984	BENTON	WA U	5.5 5.5
GLADE CR, E BR	MOUTH	HEADWATERS	GLADE CR	5985	BENTON	WA U	26.0 26.0
GLADE CR	GLADE CR, E BR	HEADWATERS	COLUMBIA R	5986	BENTON	WA U	23.9 23.9
GLADE CR	GLADE CR, E BR	HEADWATERS	COLUMBIA R	5986	KLICKITAT	WA U	23.9 23.9
GLADE CR	GLADE CR, E BR	HEADWATERS	COLUMBIA R	5986	YAKIMA	WA U	23.9 23.9
COLUMBIA R	GLADE CR	BING CANYON	PACIFIC OCEAN	5987	MORROW	OW A	8.2 8.2
COLUMBIA R	GLADE CR	BING CANYON	PACIFIC OCEAN	5987	BENTON	OW A	8.2 8.2
BING CANYON	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	5988	WALLA WALL	WA U	1.1 1.1
BING CANYON	MOUTH	HEADWATERS	COLUMBIA R	5989	BENTON	WA U	16.6 16.6
COLUMBIA R	BING CANYON	UMATILLA R	PACIFIC OCEAN	5990	MORROW	OW A	10.8 10.8
COLUMBIA R	BING CANYON	UMATILLA R	PACIFIC OCEAN	5990	UMATILLA	OW A	10.8 10.8
COLUMBIA R	BING CANYON	UMATILLA R	PACIFIC OCEAN	5990	BENTON	OW A	10.8 10.8
COLUMBIA R	COLUMBIA R	L WALLULA	PACIFIC OCEAN	6161	UMATILLA	OW A 10204-00 I	3.5 3.5
COLUMBIA R	COLUMBIA R	L WALLULA	PACIFIC OCEAN	6161	BENTON	OW A 10204-00 I	3.5 3.5
COLUMBIA R	L WALLULA	SPUKSHOWKI CANYON	PACIFIC OCEAN	6162	MORROW	OW A	10.8 10.8
COLUMBIA R	L WALLULA	SPUKSHOWKI CANYON	PACIFIC OCEAN	6162	UMATILLA	OW A	10.8 10.8
COLUMBIA R	L WALLULA	SPUKSHOWKI CANYON	PACIFIC OCEAN	6162	BENTON	OW A	10.8 10.8
SPUKSHOWKI CANYON	L WALLULA	WIDE RIVER INTERIOR	COLUMBIA R	6163	WALLA WALL	WA U	0.9 0.9

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SPUKSHOWKI CANYON	MOUTH	HEADWATERS	COLUMBIA R	6164	BENTON	WA U	11.1 11.1
COLUMBIA R	SPUKSHOWKI CANYON	WALLA WALLA R	PACIFIC OCEAN	6165	UMATILLA	OW A	15.0 15.0
COLUMBIA R	SPUKSHOWKI CANYON	WALLA WALLA R	PACIFIC OCEAN	6165	BENTON	OW A	15.0 15.0
COLUMBIA R	SPUKSHOWKI CANYON	WALLA WALLA R	PACIFIC OCEAN	6165	WALLA WALL	OW A	15.0 15.0
COLUMBIA R	WALLA WALLA R	SNAKE R	PACIFIC OCEAN	6273	BENTON	WA A	12.6 12.6
COLUMBIA R	WALLA WALLA R	SNAKE R	PACIFIC OCEAN	6273	FRANKLIN	WA A	12.6 12.6
COLUMBIA R	WALLA WALLA R	SNAKE R	PACIFIC OCEAN	6273	WALLA WALL	WA A	12.6 12.6
COLUMBIA R	L WALLULA	LAKE INTERIOR REACH	PACIFIC OCEAN	11800	BENTON	WA A	10.4 10.4
COLUMBIA R	L WALLULA	LAKE INTERIOR REACH	PACIFIC OCEAN	11800	FRANKLIN	WA A	10.4 10.4
COLUMBIA R	L WALLULA	LAKE INTERIOR REACH	PACIFIC OCEAN	11800	WALLA WALL	WA A	10.4 10.4
COLUMBIA R	L WALLULA	YAKIMA R	PACIFIC OCEAN	11801	FRANKLIN	WA A	0.9 0.9
COLUMBIA R	YAKIMA R	HANFORD DITCH	PACIFIC OCEAN	11995	BENTON	WA A	48.5 48.5
COLUMBIA R	YAKIMA R	HANFORD DITCH	PACIFIC OCEAN	11995	FRANKLIN	WA A	48.5 48.5
COLUMBIA R	YAKIMA R	HANFORD DITCH	PACIFIC OCEAN	11995	GRANT	WA A	48.5 48.5
HANFORD DITCH	MOUTH	HEADWATERS	COLUMBIA R	11996	BENTON	WA U	10.9 10.9
HANFORD DITCH	MOUTH	HEADWATERS	COLUMBIA R	11996	GRANT	WA U	10.9 10.9
COLUMBIA R	HANFORD DITCH	PRIEST RAPIDS RES	PACIFIC OCEAN	11997	BENTON	WA A	21.8 21.8
COLUMBIA R	HANFORD DITCH	PRIEST RAPIDS RES	PACIFIC OCEAN	11997	GRANT	WA A	21.8 21.8
COLUMBIA R	HANFORD DITCH	PRIEST RAPIDS RES	PACIFIC OCEAN	11997	YAKIMA	WA A	21.8 21.8
ANTOINE CR	MOUTH	HEADWATERS	COLUMBIA R	12357	DOUGLAS	WA U	10.5 10.5
ANTOINE CR	MOUTH	HEADWATERS	COLUMBIA R	12357	OKANOGAN	WA U	10.5 10.5
SWAMP CR	MOUTH	HEADWATERS	COLUMBIA R	12444	DOUGLAS	WA U	10.8 10.8
SWAMP CR	MOUTH	HEADWATERS	COLUMBIA R	12444	OKANOGAN	WA U	10.8 10.8
FOSTER CR	MOUTH	E FOSTER CR	COLUMBIA R	12525	DOUGLAS	WA U	2.1 2.1
FOSTER CR	MOUTH	E FOSTER CR	COLUMBIA R	12525	OKANOGAN	WA U	2.1 2.1
E FOSTER CR	MOUTH	HEADWATERS	FOSTER CR	12526	DOUGLAS	WA U	21.9 21.9
FOSTER CR	E FOSTER CR	MIDDLE FOSTER CR	COLUMBIA R	12527	DOUGLAS	WA U	2.7 2.7
W FOSTER CR	MOUTH	HEADWATERS	FOSTER CR	12528	DOUGLAS	WA U	13.9 13.9
MIDDLE FOSTER CR	MOUTH	HEADWATERS	FOSTER CR	12529	DOUGLAS	WA U	6.6 6.6

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STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	11998	BENTON	WA A	0.0 0.0
CORRAL CANYON	PRIEST RAPIDS RES	LAKE INTERIOR REACH	COLUMBIA R	11999	BENTON	WA U	5.4 5.4
CORRAL CANYON	PRIEST RAPIDS RES	HEADWATERS	COLUMBIA R	12000	GRANT	WA U	9.0 9.0
CORRAL CANYON	PRIEST RAPIDS RES	HEADWATERS	COLUMBIA R	12000	YAKIMA	WA U	9.0 9.0
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12001	GRANT	WA A	7.3 7.3
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12001	KITTITAS	WA A	7.3 7.3
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12001	YAKIMA	WA A	7.3 7.3
ALKALI CANYON	PRIEST RAPIDS RES	LAKE INTERIOR REACH	COLUMBIA R	12002	GRANT	WA U	0.4 0.4
ALKALI CANYON	PRIEST RAPIDS RES	HEADWATERS	COLUMBIA R	12003	GRANT	WA U	9.5 9.5
ALKALI CANYON	PRIEST RAPIDS RES	HEADWATERS	COLUMBIA R	12003	YAKIMA	WA U	9.5 9.5
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12004	GRANT	WA A	1.2 1.2
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12004	KITTITAS	WA A	1.2 1.2
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12004	YAKIMA	WA A	1.2 1.2
UNNAMED	PRIEST RAPIDS RES	LAKE INTERIOR REACH	COLUMBIA R	12005	GRANT	WA U	0.2 0.2
UNNAMED	PRIEST RAPIDS RES	HEADWATERS	COLUMBIA R	12006	KITTITAS	WA U	0.4 0.4
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12007	KITTITAS	WA A	1.0 1.0
HANSON CR	PRIEST RAPIDS RES	LAKE INTERIOR REACH	COLUMBIA R	12008	KITTITAS	WA U	0.3 0.3
HANSON CR	PRIEST RAPIDS RES	COTTONWOOD CR	COLUMBIA R	12009	KITTITAS	WA U	4.1 4.1
COTTONWOOD CR	MOUTH	HEADWATERS	HANSON CR	12010	KITTITAS	WA U	4.8 4.8
HANSON CR	COTTONWOOD CR	HEADWATERS	COLUMBIA R	12011	KITTITAS	WA U	7.7 7.7
COLUMBIA R	PRIEST RAPIDS RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12012	KITTITAS	WA A	0.9 0.9
COLUMBIA R	PRIEST RAPIDS RES	CRAB CR	PACIFIC OCEAN	12013	GRANT	WA A	3.5 3.5
COLUMBIA R	PRIEST RAPIDS RES	CRAB CR	PACIFIC OCEAN	12013	KITTITAS	WA A	3.5 3.5
COLUMBIA R	CRAB CR	WANAPUM RES	PACIFIC OCEAN	12080	GRANT	WA A	4.9 4.9
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12081	GRANT	WA A	0.0 0.0
JOHNSON CR	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12082	GRANT	WA U	1.1 1.1
JOHNSON CR	WANAPUM RES	MIDDLE CANYON	COLUMBIA R	12083	KITTITAS	WA U	1.3 1.3
MIDDLE CANYON	MOUTH	HEADWATERS	JOHNSON CR	12084	KITTITAS	WA U	9.9 9.9
JOHNSON CR	MIDDLE CANYON	HEADWATERS	COLUMBIA R	12085	KITTITAS	WA U	10.2 10.2
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12086	GRANT	WA A	4.2 4.2
SAND HOLLOW	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12087	GRANT	WA A	1.7 1.7
SAND HOLLOW	WANAPUM RES	HEADWATERS	COLUMBIA R	12088	GRANT	WA A	10.5 0.2
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12089	GRANT	WA A	1.6 1.6
SCHNEBLY COULEE	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12090	GRANT	WA U	0.5 0.5
SCHNEBLY COULEE	WANAPUM RES	HEADWATERS	COLUMBIA R	12091	KITTITAS	WA U	10.9 10.9
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12092	GRANT	WA A	0.4 0.4
ROCKY COULEE	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12093	GRANT	WA U	0.4 0.4
ROCKY COULEE	WANAPUM RES	HEADWATERS	COLUMBIA R	12094	KITTITAS	WA U	10.9 10.9
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12095	GRANT	WA A	5.5 5.5
WHISKEY DICK CR	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12096	GRANT	WA U	0.5 0.5
WHISKEY DICK CR	WANAPUM RES	HEADWATERS	COLUMBIA R	12097	KITTITAS	WA U	11.5 11.5
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12098	GRANT	WA A	0.6 0.6
SKOOKUMCHUCK CR	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12099	GRANT	WA U	0.4 0.4
SKOOKUMCHUCK CR	WANAPUM RES	HEADWATERS	COLUMBIA R	12100	GRANT	WA U	11.1 11.1
SKOOKUMCHUCK CR	WANAPUM RES	HEADWATERS	COLUMBIA R	12100	KITTITAS	WA U	11.1 11.1
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12101	GRANT	WA A	5.7 5.7
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12101	KITTITAS	WA A	5.7 5.7
BRUSHY CR	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12102	GRANT	WA U	0.5 0.5
BRUSHY CR	WANAPUM RES	QUITOMENE CR	COLUMBIA R	12103	KITTITAS	WA U	0.3 0.3

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QUITOMENE CR	MOUTH	HEADWATERS	BRUSHY CR	12104	KITTITAS	WA U		8.9 8.9
BRUSHY CR	QUITOMENE CR	HEADWATERS	COLUMBIA R	12105	KITTITAS	WA U		14.8 14.8
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12106	GRANT	WA A		5.3 5.3
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12106	KITTITAS	WA A		5.3 5.3
TEKISON CR	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12107	GRANT	WA U		0.3 0.3
TEKISON CR	WANAPUM RES	HEADWATERS	COLUMBIA R	12108	GRANT	WA U		13.8 13.8
TEKISON CR	WANAPUM RES	HEADWATERS	COLUMBIA R	12108	KITTITAS	WA U		13.8 13.8
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12109	DOUGLAS	WA A		2.9 2.9
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12109	GRANT	WA A		2.9 2.9
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12109	KITTITAS	WA A		2.9 2.9
WILLOW SPRINGS DRAW	WANAPUM RES	LAKE INTERIOR REACH	COLUMBIA R	12110	DOUGLAS	WA U		0.6 0.6
WILLOW SPRINGS DRAW	WANAPUM RES	UNNAMED	COLUMBIA R	12111	GRANT	WA U		4.7 4.7
UNNAMED	MOUTH	UNNAMED	WILLOW SPRINGS DRAW	12112	GRANT	WA U		1.5 1.5
UNNAMED	MOUTH	HEADWATERS	UNNAMED	12113	GRANT	WA U		7.3 7.3
UNNAMED	UNNAMED	HEADWATERS	WILLOW SPRINGS DRAW	12114	GRANT	WA U		5.1 5.1
WILLOW SPRINGS DRAW	UNNAMED	HEADWATERS	COLUMBIA R	12115	GRANT	WA U		10.4 10.4
COLUMBIA R	WANAPUM RES	LAKE INTERIOR REACH	PACIFIC OCEAN	12116	DOUGLAS	WA A		0.5 0.5
COLUMBIA R	WANAPUM RES	TARPISCAN CR	PACIFIC OCEAN	12117	DOUGLAS	WA A		4.1 4.1
COLUMBIA R	WANAPUM RES	TARPISCAN CR	PACIFIC OCEAN	12117	GRANT	WA A		4.1 4.1
COLUMBIA R	WANAPUM RES	TARPISCAN CR	PACIFIC OCEAN	12117	KITTITAS	WA A		4.1 4.1
TARPISCAN CR	MOUTH	TARPISCAN CR, S FK	COLUMBIA R	12118	DOUGLAS	WA U		1.0 1.0
TARPISCAN CR	MOUTH	TARPISCAN CR, S FK	COLUMBIA R	12118	KITTITAS	WA U		1.0 1.0
TARPISCAN CR, S FK	MOUTH	HEADWATERS	TARPISCAN CR	12119	KITTITAS	WA U		8.4 8.4
TARPISCAN CR	TARPISCAN CR, S FK	HEADWATERS	COLUMBIA R	12120	KITTITAS	WA U		9.4 9.4
COLUMBIA R	TARPISCAN CR	MOSES COULEE	PACIFIC OCEAN	12121	CHELAN	WA A		3.2 3.2
COLUMBIA R	TARPISCAN CR	MOSES COULEE	PACIFIC OCEAN	12121	DOUGLAS	WA A		3.2 3.2
COLUMBIA R	TARPISCAN CR	MOSES COULEE	PACIFIC OCEAN	12121	KITTITAS	WA A		3.2 3.2
COLUMBIA R	MOSES COULEE	COLOCKUM CR	PACIFIC OCEAN	12137	DOUGLAS	WA A		2.1 2.1
COLOCKUM CR	MOUTH	HEADWATERS	COLUMBIA R	12138	CHELAN	WA U		11.3 11.3
COLOCKUM CR	MOUTH	HEADWATERS	COLUMBIA R	12138	DOUGLAS	WA U		11.3 11.3
COLOCKUM CR	MOUTH	HEADWATERS	COLUMBIA R	12138	KITTITAS	WA U		11.3 11.3
COLUMBIA R	COLOCKUM CR	ROCK ISLAND CR	PACIFIC OCEAN	12139	DOUGLAS	WA A		4.9 4.9
ROCK ISLAND CR	MOUTH	BEAVER CR	COLUMBIA R	12140	DOUGLAS	WA A		7.1 0.3
BEAVER CR	MOUTH	HEADWATERS	ROCK ISLAND CR	12141	DOUGLAS	WA U		14.1 14.1
ROCK ISLAND CR	BEAVER CR	HEADWATERS	COLUMBIA R	12142	DOUGLAS	WA U		11.7 11.7
COLUMBIA R	ROCK ISLAND CR	STEMITT CR	PACIFIC OCEAN	12143	DOUGLAS	WA A		7.6 7.6
STEMITT CR	MOUTH	HEADWATERS	COLUMBIA R	12144	CHELAN	WA U		13.1 13.1
STEMITT CR	MOUTH	HEADWATERS	COLUMBIA R	12144	DOUGLAS	WA U		13.1 13.1
STEMITT CR	MOUTH	HEADWATERS	COLUMBIA R	12144	KITTITAS	WA U		13.1 13.1
COLUMBIA R	STEMITT CR	SQUILCHUCK CR	PACIFIC OCEAN	12145	CHELAN	WA A		2.7 2.7
COLUMBIA R	STEMITT CR	SQUILCHUCK CR	PACIFIC OCEAN	12145	DOUGLAS	WA A		2.7 2.7
SQUILCHUCK CR	MOUTH	PITCHER CANYON	COLUMBIA R	12146	CHELAN	WA U		2.5 2.5
SQUILCHUCK CR	MOUTH	PITCHER CANYON	COLUMBIA R	12146	DOUGLAS	WA U		2.5 2.5
PITCHER CANYON	MOUTH	HEADWATERS	SQUILCHUCK CR	12147	CHELAN	WA U		3.9 3.9
SQUILCHUCK CR	PITCHER CANYON	HEADWATERS	COLUMBIA R	12148	CHELAN	WA U		9.4 9.4
COLUMBIA R	SQUILCHUCK CR	WENATCHEE R	PACIFIC OCEAN	12149	CHELAN	WA A		5.5 5.5
COLUMBIA R	SQUILCHUCK CR	WENATCHEE R	PACIFIC OCEAN	12149	DOUGLAS	WA A		5.5 5.5
COLUMBIA R	WENATCHEE R	ACROSS DRAINAGE	PACIFIC OCEAN	12242	CHELAN	WA A		5.4 5.4
COLUMBIA R	WENATCHEE R	ACROSS DRAINAGE	PACIFIC OCEAN	12242	DOUGLAS	WA A		5.4 5.4

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
COLUMBIA R	MOUTH	SWAKANE CR	PACIFIC OCEAN	12243	CHELAN	WA A		0.9 0.9
SWAKANE CR	MOUTH	HEADWATERS	COLUMBIA R	12244	CHELAN	WA U		11.4 11.4
COLUMBIA R	SWAKANE CR	CORBALEY CANYON	PACIFIC OCEAN	12245	CHELAN	WA A		7.9 7.9
COLUMBIA R	SWAKANE CR	CORBALEY CANYON	PACIFIC OCEAN	12245	DOUGLAS	WA A		7.9 7.9
CORBALEY CANYON	MOUTH	HEADWATERS	COLUMBIA R	12246	DOUGLAS	WA U		10.1 10.1
COLUMBIA R	CORBALEY CANYON	ENTIAT R	PACIFIC OCEAN	12247	CHELAN	WA A		2.9 2.9
COLUMBIA R	CORBALEY CANYON	ENTIAT R	PACIFIC OCEAN	12247	DOUGLAS	WA A		2.9 2.9
COLUMBIA R	ENTIAT R	CHELAN R	PACIFIC OCEAN	12275	CHELAN	WA A		22.5 22.5
COLUMBIA R	ENTIAT R	CHELAN R	PACIFIC OCEAN	12275	DOUGLAS	WA A		22.5 22.5

COWLITZ

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
COWLITZ R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	382	COWLITZ	WA A		0.6 0.6
COWLITZ R	MOUTH	COWEEMAN R	COLUMBIA R	383	COWLITZ	WA A		3.7 3.7
COWEEMAN R	MOUTH	GOBLE CR	COWLITZ R	384	COWLITZ	WA A		8.3 8.3
GOBLE CR	MOUTH	GOBLE CR, N FK	COWEEMAN R	385	COWLITZ	WA A		1.9 1.9
GOBLE CR, N FK	MOUTH	HEADWATERS	GOBLE CR	386	COWLITZ	WA A		5.1 5.1
GOBLE CR	GOBLE CR, N FK	HEADWATERS	COWEEMAN R	387	COWLITZ	WA A		1.7 1.7
COWEEMAN R	GOBLE CR	MULHOLLAND CR	COWLITZ R	388	COWLITZ	WA A		6.7 6.7
MULHOLLAND CR	MOUTH	HEADWATERS	COWEEMAN R	389	COWLITZ	WA A		6.3 6.3
COWEEMAN R	MULHOLLAND CR	BAIRD CR	COWLITZ R	390	COWLITZ	WA A		7.0 7.0
BAIRD CR	MOUTH	HEADWATERS	COWEEMAN R	391	COWLITZ	WA U		
COWEEMAN R	BAIRD CR	HEADWATERS	COWLITZ R	392	COWLITZ	WA A		7.2 7.2
COWLITZ R	COWEEMAN R	OSTRANDER CR	COLUMBIA R	393	COWLITZ	WA A		4.8 4.8
OSTRANDER CR	MOUTH	HEADWATERS	COWLITZ R	394	COWLITZ	WA A		9.9 2.0
COWLITZ R	OSTRANDER CR	ARKANSAS CR	COLUMBIA R	395	COWLITZ	WA A		7.9 7.9
ARKANSAS CR	MOUTH	DELAMETER CR	COWLITZ R	396	COWLITZ	WA A		1.8 1.8
DELAMETER CR	MOUTH	MONAHAN CR	ARKANSAS CR	397	COWLITZ	WA A		1.9 1.9
MONAHAN CR	MOUTH	HEADWATERS	DELAMETER CR	398	COWLITZ	WA A		8.1 1.9
DELAMETER CR	MONAHAN CR	HEADWATERS	ARKANSAS CR	399	COWLITZ	WA A		4.9 1.1
ARKANSAS CR	DELAMETER CR	HEADWATERS	COWLITZ R	400	COWLITZ	WA A		9.2 2.1
COWLITZ R	ARKANSAS CR	TOUTLE R	COLUMBIA R	401	COWLITZ	WA A		3.4 3.4
TOUTLE R	MOUTH	OUTLET CR	COWLITZ R	402	COWLITZ	WA A		15.2 15.2
OUTLET CR	MOUTH	SILVER L	TOUTLE R	403	COWLITZ	WA A		2.5 2.5
OUTLET CR	SILVER L	LAKE INTERIOR REACH	TOUTLE R	404	COWLITZ	WA A		0.5
HEMLOCK CR	MOUTH	HEADWATERS	OUTLET CR	405	COWLITZ	WA A		6.8 1.7
TOUTLE R	OUTLET CR	TOUTLE R, N FK	TOUTLE R	406	COWLITZ	WA A		0.4 0.4
TOUTLE R, S FK	MOUTH	BEAR CR	TOUTLE R	407	COWLITZ	WA A		16.6 16.6
TOUTLE R, S FK	MOUTH	BEAR CR	TOUTLE R	407	SKAMANIA	WA A		16.6 16.6
BEAR CR	MOUTH	HEADWATERS	TOUTLE R, S FK	408	COWLITZ	WA A		4.5 0.5
TOUTLE R, S FK	BEAR CR	HERRINGTON CR	TOUTLE R	409	COWLITZ	WA A		1.4 1.4
HERRINGTON CR	MOUTH	HEADWATERS	TOUTLE R, S FK	410	COWLITZ	WA U		
TOUTLE R, S FK	HERRINGTON CR	HEADWATERS	TOUTLE R	411	COWLITZ	WA A		13.0 13.0
TOUTLE R, N FK	MOUTH	WYANT CR	TOUTLE R	412	COWLITZ	WA A		1.1 1.1
WYANT CR	MOUTH	HEADWATERS	TOUTLE R, N FK	413	COWLITZ	WA U		
TOUTLE R, N FK	WYANT CR	GREEN R	TOUTLE R	414	COWLITZ	WA A		9.3 9.3
GREEN R	MOUTH	DEVILS CR	TOUTLE R, N FK	415	COWLITZ	WA A		4.2 4.2
GREEN R	MOUTH	DEVILS CR	TOUTLE R, N FK	416	LEWIS	WA A		4.2 4.2
DEVILS CR	MOUTH	HEADWATERS	GREEN R	416	LEWIS	WA A		6.9 4.1
GREEN R	DEVILS CR	ELK CR	TOUTLE R, N FK	417	COWLITZ	WA A		11.2 11.2
GREEN R	DEVILS CR	ELK CR	TOUTLE R, N FK	417	LEWIS	WA A		11.2 11.2
ELK CR	MOUTH	HEADWATERS	GREEN R	418	COWLITZ	WA A		7.0 7.0
GREEN R	ELK CR	SHULTZ CR	TOUTLE R, N FK	419	COWLITZ	WA A		1.4 1.4
SHULTZ CR	MOUTH	HEADWATERS	GREEN R	420	COWLITZ	WA A		3.4 3.4
GREEN R	SHULTZ CR	MINERS CR	TOUTLE R, N FK	421	COWLITZ	WA A		5.8 5.8
GREEN R	SHULTZ CR	MINERS CR	TOUTLE R, N FK	421	LEWIS	WA A		5.8 5.8
GREEN R	SHULTZ CR	MINERS CR	TOUTLE R, N FK	421	SKAMANIA	WA A		5.8 5.8
MINERS CR	MOUTH	HEADWATERS	GREEN R	422	COWLITZ	WA A		6.7 0.8
GREEN R	MINERS CR	HEADWATERS	TOUTLE R, N FK	423	COWLITZ	WA W		10.0 10.0
TOUTLE R, N FK	GREEN R	ALDER CR	TOUTLE R	424	COWLITZ	WA A		3.3 3.3
ALDER CR	MOUTH	HEADWATERS	TOUTLE R, N FK	425	COWLITZ	WA A		5.5 3.3

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TOUTLE R, N FK	ALDER CR	HOFFSTADT CR	TOUTLE R	426	COWLITZ	WA A		1.8 1.8
HOFFSTADT CR	MOUTH	BEAR CR	TOUTLE R, N FK	427	COWLITZ	WA A		1.5 1.5
BEAR CR	MOUTH	HEADWATERS	HOFFSTADT CR	428	COWLITZ	WA A		8.0 8.5
HOFFSTADT CR	BEAR CR	HEADWATERS	TOUTLE R, N FK	429	COWLITZ	WA A		10.0 4.4
TOUTLE R, N FK	HOFFSTADT CR	DEER CR	TOUTLE R	430	COWLITZ	WA A		2.1 2.1
DEER CR	MOUTH	HEADWATERS	TOUTLE R, N FK	431	COWLITZ	WA U		
TOUTLE R, N FK	DEER CR	JACKSON CR	TOUTLE R	432	COWLITZ	WA A		7.1 7.1
JACKSON CR	MOUTH	HEADWATERS	TOUTLE R, N FK	433	COWLITZ	WA A		4.0 2.5
TOUTLE R, N FK	JACKSON CR	CASTLE CR	TOUTLE R	434	COWLITZ	WA A		4.5 4.5
CASTLE CR	MOUTH	HEADWATERS	TOUTLE R, N FK	435	COWLITZ	WA A		6.6 2.0
CASTLE CR	MOUTH	HEADWATERS	TOUTLE R, N FK	435	SKAMANIA	WA A		6.6 2.0
TOUTLE R, N FK	CASTLE CR	COLDWATER CR	TOUTLE R	436	COWLITZ	WA A		0.9 0.9
COLDWATER CR	MOUTH	HEADWATERS	TOUTLE R, N FK	437	COWLITZ	WA A		8.0 2.0
COLDWATER CR	MOUTH	HEADWATERS	TOUTLE R, N FK	437	SKAMANIA	WA A		8.0 2.0
TOUTLE R, N FK	COLDWATER CR	HEADWATERS	TOUTLE R	438	COWLITZ	WA A		7.0 7.0
TOUTLE R, N FK	COLDWATER CR	HEADWATERS	TOUTLE R	438	SKAMANIA	WA A		7.0 7.0
COWLITZ R	TOUTLE R	OLEQUA CR	TOUTLE R	439	COWLITZ	WA A		5.2 5.2
OLEQUA CR	MOUTH	STILLATER CR	COWLITZ R	440	COWLITZ	WA A		3.3 3.3
OLEQUA CR	MOUTH	STILLATER CR	COWLITZ R	440	LEWIS	WA A		3.3 3.3
STILLATER CR	MOUTH	BRIM CR	OLEQUA CR	441	LEWIS	WA A		1.3 1.3
BRIM CR	MOUTH	HEADWATERS	STILLATER CR	442	LEWIS	WA A		4.6 3.0
STILLATER CR	BRIM CR	CAMPBELL CR	OLEQUA CR	443	LEWIS	WA A		3.7 3.7
CAMPBELL CR	MOUTH	HEADWATERS	STILLATER CR	444	COWLITZ	WA A		3.5 2.0
CAMPBELL CR	MOUTH	HEADWATERS	STILLATER CR	444	LEWIS	WA A		3.5 2.0
STILLATER CR	CAMPBELL CR	HEADWATERS	OLEQUA CR	445	COWLITZ	WA A		6.6 1.0
STILLATER CR	CAMPBELL CR	HEADWATERS	OLEQUA CR	445	LEWIS	WA A		6.6 1.0
OLEQUA CR	STILLATER CR	KING CR	COWLITZ R	446	LEWIS	WA A		7.6 7.6
KING CR	MOUTH	HEADWATERS	OLEQUA CR	447	LEWIS	WA U		
OLEQUA CR	KING CR	HEADWATERS	COWLITZ R	448	LEWIS	WA A		4.7 1.1
COWLITZ R	OLEQUA CR	LACAMAS CR	COLUMBIA R	449	COWLITZ	WA A		3.0 3.0
COWLITZ R	OLEQUA CR	LACAMAS CR	COLUMBIA R	449	LEWIS	WA A		3.0 3.0
LACAMAS CR	MOUTH	BEAR CR	COWLITZ R	450	LEWIS	WA A		1.0 1.0
BEAR CR	MOUTH	HEADWATERS	LACAMAS CR	451	LEWIS	WA U		
LACAMAS CR	BEAR CR	HEADWATERS	COWLITZ R	452	LEWIS	WA A		19.1 13.6
COWLITZ R	LACAMAS CR	SALMON CR	COLUMBIA R	453	LEWIS	WA A		5.4 5.4
SALMON CR	MOUTH	LITTLE SALMON CR	COWLITZ R	454	COWLITZ	WA A		4.0 4.0
SALMON CR	MOUTH	LITTLE SALMON CR	COWLITZ R	454	LEWIS	WA A		4.0 4.0
LITTLE SALMON CR	MOUTH	HEADWATERS	SALMON CR	455	LEWIS	WA A		3.5 3.5
SALMON CR	LITTLE SALMON CR	CEDAR CR	COWLITZ R	456	LEWIS	WA A		5.2 5.2
CEDAR CR	MOUTH	HEADWATERS	SALMON CR	457	LEWIS	WA A		10.9 10.9
SALMON CR	CEDAR CR	HEADWATERS	COWLITZ R	458	LEWIS	WA A		15.1 11.8
COWLITZ R	SALMON CR	JONES CR	COLUMBIA R	459	LEWIS	WA A		15.2 15.2
JONES CR	MOUTH	HEADWATERS	COWLITZ R	460	LEWIS	WA U		
COWLITZ R	JONES CR	MILL CR	COLUMBIA R	461	LEWIS	WA A		3.5 3.5
MILL CR	MOUTH	HEADWATERS	COWLITZ R	462	LEWIS	WA A		13.3 1.1
COWLITZ R	MILL CR	MAYFIELD RES	COLUMBIA R	463	LEWIS	WA U		2.2 2.2
COWLITZ R	MAYFIELD RES	LAKE INTERIOR REACH	COLUMBIA R	464	LEWIS	WA U		4.2 4.2
WINSTON CR	MAYFIELD RES	LAKE INTERIOR REACH	COWLITZ R	465	LEWIS	WA U		3.4 3.4
WINSTON CR	MAYFIELD RES	WINSTON CR, S FK	COWLITZ R	466	LEWIS	WA U		4.7 4.7

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
WINSTON CR, S FK	MOUTH	HEADWATERS	WINSTON CR	467	LEWIS	WA U	7.6 7.6
WINSTON CR	WINSTON CR, S FK	HEADWATERS	COWLITZ R	468	LEWIS	WA U	9.2 9.2
COWLITZ R	MAYFIELD RES	LAKE INTERIOR REACH	COLUMBIA R	469	LEWIS	WA U	5.0 5.0
TILTON R	MAYFIELD RES	LAKE INTERIOR REACH	COWLITZ R	470	LEWIS	WA U	3.6 3.6
TILTON R	MAYFIELD RES	CINNABAR CR	COWLITZ R	471	LEWIS	WA F	0.1 0.1
CINNABAR CR	MOUTH	HEADWATERS	TILTON R	472	LEWIS	WA U	6.8 6.8
TILTON R	CINNABAR CR	TILTON R, N FK	COWLITZ R	473	LEWIS	WA U	8.6 8.6
TILTON R, N FK	MOUTH	WALLANDING CR	TILTON R	474	LEWIS	WA F	2.6 2.6
WALLANDING CR	MOUTH	HEADWATERS	TILTON R, N FK	475	LEWIS	WA U	2.9 2.9
TILTON R, N FK	WALLANDING CR	LITTLE CR	TILTON R	476	LEWIS	WA F	3.6 3.6
LITTLE CR	MOUTH	HEADWATERS	TILTON R, N FK	477	LEWIS	WA U	2.7 2.7
WINNIE CR	MOUTH	HEADWATERS	TILTON R, N FK	478	LEWIS	WA U	2.1 2.1
TILTON R	TILTON R, N FK	LAKE CR	COWLITZ R	479	LEWIS	WA U 08082-00 I	3.7 3.7
LAKE CR	MOUTH	HEADWATERS	TILTON R	480	LEWIS	WA U	2.0 2.0
TILTON R	LAKE CR	CONELLY CR	COWLITZ R	481	LEWIS	WA U	2.3 2.3
CONELLY CR	MOUTH	HEADWATERS	TILTON R	482	LEWIS	WA U	4.1 4.1
TILTON R	CONELLY CR	TILTON R, E FK	COWLITZ R	483	LEWIS	WA U	2.4 2.4
TILTON R, E FK	MOUTH	TILTON R, E FK, S FK	TILTON R	484	LEWIS	WA U	1.0 1.0
TILTON R, E FK, S FK	MOUTH	HEADWATERS	TILTON R, E FK	485	LEWIS	WA U	5.2 5.2
TILTON R, E FK	TILTON R, E FK, S FK	HEADWATERS	TILTON R	486	LEWIS	WA U	2.9 2.9
TILTON R	TILTON R, E FK	TILTON R, W FK	COWLITZ R	487	LEWIS	WA U	1.4 1.4
TILTON R, W FK	MOUTH	HEADWATERS	TILTON R	488	LEWIS	WA U	6.8 6.8
TILTON R	TILTON R, W FK	HEADWATERS	COWLITZ R	489	LEWIS	WA U	4.4 4.4
COWLITZ R	MAYFIELD RES	LAKE INTERIOR REACH	COLUMBIA R	490	LEWIS	WA U	4.0 4.0
COWLITZ R	MAYFIELD RES	RIFFE L	COLUMBIA R	491	LEWIS	WA U	2.0 2.0
RAINY CR	RIFFE L	LAKE INTERIOR REACH	COLUMBIA R	492	LEWIS	WA U	12.2 12.2
RAINY CR	RIFFE L	LAKE INTERIOR REACH	COWLITZ R	493	LEWIS	WA U	0.0 0.0
COWLITZ R	RIFFE L	HEADWATERS	COWLITZ R	494	LEWIS	WA U	2.5 2.5
LANDERS CR	RIFFE L	LAKE INTERIOR REACH	COLUMBIA R	495	LEWIS	WA U	1.3 1.3
LANDERS CR	RIFFE L	LAKE INTERIOR REACH	COWLITZ R	496	LEWIS	WA U	0.0 0.0
COWLITZ R	RIFFE L	HEADWATERS	COWLITZ R	497	LEWIS	WA U	4.8 4.8
COWLITZ R	RIFFE L	LAKE INTERIOR REACH	COLUMBIA R	498	LEWIS	WA U	0.0 0.0
CISPUS R	RIFFE L	CISPUS R	COLUMBIA R	499	LEWIS	WA U	5.7 5.7
QUARTZ CR	MOUTH	QUARTZ CR	COWLITZ R	500	LEWIS	WA U	4.1 4.1
QUARTZ CR	MOUTH	HEADWATERS	CISPUS R	501	LEWIS	WA W	7.9 7.9
CISPUS R	MOUTH	HEADWATERS	CISPUS R	501	SKAMANIA	WA W	7.9 7.9
CRYSTAL CR	QUARTZ CR	CRYSTAL CR	COWLITZ R	502	LEWIS	WA U	1.0 1.0
CISPUS R	MOUTH	HEADWATERS	CISPUS R	503	LEWIS	WA U	5.2 5.2
CRYSTAL CR	CRYSTAL CR	IRON CR	COWLITZ R	504	LEWIS	WA U	3.2 3.2
IRON CR	MOUTH	BENHAM CR	CISPUS R	505	LEWIS	WA F	1.1 1.1
IRON CR	MOUTH	BENHAM CR	CISPUS R	505	SKAMANIA	WA F	1.1 1.1
BENHAM CR	MOUTH	HEADWATERS	IRON CR	506	SKAMANIA	WA U	3.2 3.2
IRON CR	BENHAM CR	HEADWATERS	CISPUS R	507	SKAMANIA	WA F	7.8 7.8
CISPUS R	IRON CR	GREENHORN CR	COWLITZ R	508	LEWIS	WA F	7.3 7.3
GREENHORN CR	MOUTH	HEADWATERS	CISPUS R	509	LEWIS	WA W	7.4 7.4
CISPUS R	GREENHORN CR	MCCOY CR	COWLITZ R	510	LEWIS	WA F	2.0 2.0
MCCOY CR	MOUTH	YELLOWJACKET CR	CISPUS R	511	LEWIS	WA F	4.9 4.9
YELLOWJACKET CR	MOUTH	PINTO CR	MCCOY CR	512	LEWIS	WA F	3.1 3.1
YELLOWJACKET CR	MOUTH	PINTO CR	MCCOY CR	512	SKAMANIA	WA F	3.1 3.1

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PINTO CR	MOUTH	HEADWATERS	YELLOWJACKET CR	513	SKAMANIA	WA F		4.7 4.7
YELLOWJACKET CR	PINTO CR	HEADWATERS	MCCOY CR	514	SKAMANIA	WA F		6.3 6.3
MCCOY CR	YELLOWJACKET CR	HEADWATERS	CISPUS R	515	LEWIS	WA F		7.4 7.4
MCCOY CR	YELLOWJACKET CR	HEADWATERS	CISPUS R	515	SKAMANIA	WA F		7.4 7.4
CISPUS R	MCCOY CR	CISPUS R, N FK	COWLITZ R	516	LEWIS	WA F		2.7 2.7
CISPUS R, N FK	MOUTH	TIMONIUM CR	CISPUS R	517	LEWIS	WA F		8.4 8.4
TIMONIUM CR	MOUTH	HEADWATERS	CISPUS R, N FK	518	LEWIS	WA U		3.8 3.8
CISPUS R, N FK	TIMONIUM CR	HEADWATERS	CISPUS R	519	LEWIS	WA F		4.0 4.0
CISPUS R	CISPUS R, N FK	E CANYON CR	COWLITZ R	520	LEWIS	WA F		9.6 9.6
CISPUS R	CISPUS R, N FK	E CANYON CR	COWLITZ R	520	SKAMANIA	WA F		9.6 9.6
E CANYON CR	MOUTH	HEADWATERS	CISPUS R	521	SKAMANIA	WA F		6.9 6.9
CISPUS R	E CANYON CR	ADAMS CR	COWLITZ R	522	SKAMANIA	WA F		3.1 3.1
ADAMS CR	MOUTH	HEADWATERS	CISPUS R	523	SKAMANIA	WA U		3.8 3.8
CISPUS R	ADAMS CR	CAT CR	COWLITZ R	524	SKAMANIA	WA F		2.3 2.3
CAT CR	MOUTH	HEADWATERS	CISPUS R	525	SKAMANIA	WA U		5.1 5.1
CISPUS R	CAT CR	CISPUS R, MUDDY FK	COWLITZ R	526	SKAMANIA	WA F		3.2 3.2
CISPUS R, MUDDY FK	MOUTH	HEADWATERS	CISPUS R	527	SKAMANIA	WA U		4.5 4.5
CISPUS R	CISPUS R, MUDDY FK	WALPUT CR	COWLITZ R	528	LEWIS	WA F		6.8 6.8
CISPUS R	CISPUS R, MUDDY FK	WALPUT CR	COWLITZ R	528	SKAMANIA	WA F		6.8 6.8
WALPUT CR	MOUTH	WALPUT L	CISPUS R	529	LEWIS	WA U		1.7 1.7
WALPUT CR	WALPUT L	LAKE INTERIOR REACH	CISPUS R	530	LEWIS	WA U		1.2 1.2
WALPUT CR	WALPUT L	HEADWATERS	CISPUS R	531	LEWIS	WA U		2.7 2.7
CISPUS R	WALPUT CR	NANNIE CR	COWLITZ R	532	LEWIS	WA U		0.6 0.6
NANNIE CR	MOUTH	HEADWATERS	CISPUS R	533	LEWIS	WA U		2.8 2.8
CISPUS R	NANNIE CR	GOAT CR	COWLITZ R	534	LEWIS	WA U		1.1 1.1
GOAT CR	MOUTH	HEADWATERS	CISPUS R	535	LEWIS	WA U		3.7 3.7
CISPUS R	GOAT CR	HEADWATERS	COWLITZ R	536	LEWIS	WA U		3.4 3.4
COWLITZ R	CISPUS R	KIONA CR	COLUMBIA R	537	LEWIS	WA W		10.6 10.6
KIONA CR	MOUTH	HEADWATERS	COWLITZ R	538	LEWIS	WA U		9.6 9.6
COWLITZ R	KIONA CR	SILVER CR	COLUMBIA R	539	LEWIS	WA W		3.6 3.6
SILVER CR	MOUTH	LAKE CR	COWLITZ R	540	LEWIS	WA U		5.2 5.2
LAKE CR	MOUTH	HEADWATERS	SILVER CR	541	LEWIS	WA U		3.3 3.3
SILVER CR	LAKE CR	LYNX CR	COWLITZ R	542	LEWIS	WA U		0.3 0.3
LYNX CR	MOUTH	HEADWATERS	SILVER CR	543	LEWIS	WA U		5.8 5.8
SILVER CR	LYNX CR	HEADWATERS	COWLITZ R	544	LEWIS	WA F		6.9 6.9
COWLITZ R	SILVER CR	DAVIS CR	COLUMBIA R	545	LEWIS	WA W		6.1 6.1
DAVIS CR	MOUTH	HEADWATERS	COWLITZ R	546	LEWIS	WA U 07182-06 D		4.4 4.4
COWLITZ R	DAVIS CR	BURTON CR	COLUMBIA R	547	LEWIS	WA W		5.8 5.8
BURTON CR	MOUTH	HEADWATERS	COWLITZ R	548	LEWIS	WA U		4.0 4.0
COWLITZ R	BURTON CR	WILLAME CR	COLUMBIA R	549	LEWIS	WA W		1.3 1.3
WILLAME CR	MOUTH	WILLIAME CR, S FK	COWLITZ R	550	LEWIS	WA F		1.4 1.4
WILLIAME CR, S FK	MOUTH	HEADWATERS	WILLAME CR	551	LEWIS	WA U		3.6 3.6
WILLAME CR	WILLIAME CR, S FK	WILLAME CR, N FK	COWLITZ R	552	LEWIS	WA U		4.5 4.5
WILLAME CR, N FK	MOUTH	HEADWATERS	WILLAME CR	553	LEWIS	WA U		3.6 3.6
WILLAME CR	WILLAME CR, N FK	HEADWATERS	COWLITZ R	554	LEWIS	WA U		3.8 3.8
COWLITZ R	WILLAME CR	SMITH CR	COLUMBIA R	555	LEWIS	WA W		0.6 0.6
SMITH CR	MOUTH	HEADWATERS	COWLITZ R	556	LEWIS	WA F		8.4 8.4
COWLITZ R	SMITH CR	JOHNSON CR	COLUMBIA R	557	LEWIS	WA W		0.8 0.8
JOHNSON CR	MOUTH	GLACIER CR	COWLITZ R	558	LEWIS	WA F		3.7 3.7

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID	NUM	COUNTY NAME	ST	PR	FERC	DEP	LENG(MI)	TOT	PROT
									CT	NUMB			
GLACIER CR	MOUTH	HEADWATERS	JOHNSON CR	559	LEWIS	WA	U				6.0	6.0	
JOHNSON CR	GLACIER CR	DECEPTION CR	COWLITZ R	560	LEWIS	WA	F				2.5	2.5	
DECEPTION CR	MOUTH	HEADWATERS	JOHNSON CR	561	LEWIS	WA	U				2.8	2.8	
JOHNSON CR	DECEPTION CR	JOHNSON CR, M FK	COWLITZ R	562	LEWIS	WA	F				1.2	1.2	
JOHNSON CR, M FK	MOUTH	HEADWATERS	JOHNSON CR	563	LEWIS	WA	U				8.8	8.8	
JOHNSON CR	JOHNSON CR, M FK	HEADWATERS	COWLITZ R	564	LEWIS	WA	W				2.8	2.8	
COWLITZ R	JOHNSON CR	SKATE CR	COLUMBIA R	565	LEWIS	WA	W				3.0	3.0	
SKATE CR	MOUTH	JOHNSON CR	COWLITZ R	566	LEWIS	WA	F				7.5	7.5	
JOHNSON CR	MOUTH	HEADWATERS	SKATE CR	567	LEWIS	WA	U				4.5	4.5	
SKATE CR	JOHNSON CR	HEADWATERS	COWLITZ R	568	LEWIS	WA	U				3.3	3.3	
COWLITZ R	SKATE CR	BUTTER CR	COLUMBIA R	569	LEWIS	WA	W				2.5	2.5	
BUTTER CR	MOUTH	HEADWATERS	COWLITZ R	570	LEWIS	WA	F				9.2	9.2	
COWLITZ R	BUTTER CR	LAKE CR	COLUMBIA R	571	LEWIS	WA	W				0.6	0.6	
LAKE CR	MOUTH	PACKWOOD L	COWLITZ R	572	LEWIS	WA	W				5.5	5.5	
LAKE CR	PACKWOOD L	LAKE INTERIOR REACH	COWLITZ R	573	LEWIS	WA	U				1.6	1.6	
UPPER LAKE CR	MOUTH	HEADWATERS	LAKE CR	574	LEWIS	WA	U				6.4	6.4	
COWLITZ R	LAKE CR	COAL CR	COLUMBIA R	575	LEWIS	WA	W				2.0	2.0	
COAL CR	MOUTH	HEADWATERS	COWLITZ R	576	LEWIS	WA	W	06001-00	E		8.0	8.0	
COWLITZ R	COAL CR	COWLITZ R, MUDDY FK	COLUMBIA R	577	LEWIS	WA	W				0.7	0.7	
COWLITZ R, MUDDY FK	MOUTH	TAOS CR	COWLITZ R	578	LEWIS	WA	W				6.5	6.5	
TAOS CR	MOUTH	HEADWATERS	COWLITZ R, MUDDY FK	579	LEWIS	WA	U				3.8	3.8	
COWLITZ R, MUDDY FK	TAOS CR	STEVENS CR	COWLITZ R	580	LEWIS	WA	U				1.3	1.3	
COWLITZ R, MUDDY FK	TAOS CR	STEVENS CR	COWLITZ R	580	PIERCE	WA	U				1.3	1.3	
STEVENS CR	MOUTH	HEADWATERS	COWLITZ R, MUDDY FK	581	LEWIS	WA	U				6.3	6.3	
COWLITZ R, MUDDY FK	STEVENS CR	NICKEL CR	COWLITZ R	582	LEWIS	WA	U				0.9	0.9	
NICKEL CR	MOUTH	HEADWATERS	COWLITZ R, MUDDY FK	583	LEWIS	WA	U				4.2	4.2	
COWLITZ R, MUDDY FK	NICKEL CR	WILLIWAKAS CR	COWLITZ R	584	LEWIS	WA	U				2.3	2.3	
WILLIWAKAS CR	MOUTH	HEADWATERS	COWLITZ R, MUDDY FK	585	LEWIS	WA	U				3.7	3.7	
COWLITZ R, MUDDY FK	WILLIWAKAS CR	HEADWATERS	COWLITZ R	586	LEWIS	WA	U				2.1	2.1	
COWLITZ R	COWLITZ R, MUDDY FK	PURCELL CR	COLUMBIA R	587	LEWIS	WA	W				1.0	1.0	
PURCELL CR	MOUTH	HEADWATERS	COWLITZ R	588	LEWIS	WA	U				3.3	3.3	
COWLITZ R	PURCELL CR	COWLITZ R, CLEAR FK	COLUMBIA R	589	LEWIS	WA	W				1.1	1.1	
COWLITZ R, CLEAR FK	MOUTH	DAM CR	COWLITZ R	590	LEWIS	WA	F				0.7	0.7	
COWLITZ R, CLEAR FK	MOUTH	DAM CR	COWLITZ R	590	YAKIMA	WA	F				0.7	0.7	
DAM CR	MOUTH	HEADWATERS	COWLITZ R, CLEAR FK	591	LEWIS	WA	U				4.8	4.8	
COWLITZ R, CLEAR FK	DAM CR	LAVA CR	COWLITZ R	592	LEWIS	WA	F				4.2	4.2	
LAVA CR	MOUTH	HEADWATERS	COWLITZ R, CLEAR FK	593	LEWIS	WA	U				3.6	3.6	
COWLITZ R, CLEAR FK	LAVA CR	COYOTE CR	COWLITZ R	594	LEWIS	WA	W				6.1	6.1	
COYOTE CR	MOUTH	HEADWATERS	COWLITZ R, CLEAR FK	595	LEWIS	WA	U				3.2	3.2	
COWLITZ R, CLEAR FK	COYOTE CR	HEADWATERS	COWLITZ R	596	LEWIS	WA	U				3.8	3.8	
OHANAPECOSH R	MOUTH	SUMMIT CR	COWLITZ R	597	LEWIS	WA	W				1.3	1.3	
SUMMIT CR	MOUTH	CARLTON CR	OHANAPECOSH R	598	LEWIS	WA	W	06320-00	E		2.3	2.3	
CARLTON CR	MOUTH	UNNAMED	SUMMIT CR	599	LEWIS	WA	F				14.1	14.1	
CARLTON CR	MOUTH	UNNAMED	SUMMIT CR	599	YAKIMA	WA	F				14.1	14.1	
UNNAMED	MOUTH	HEADWATERS	CARLTON CR	600	YAKIMA	WA	U				3.9	3.9	
CARLTON CR	UNNAMED	HEADWATERS	SUMMIT CR	601	YAKIMA	WA	U				2.8	2.8	
SUMMIT CR	CARLTON CR	UNNAMED	OHANAPECOSH R	602	LEWIS	WA	F				3.9	3.9	
UNNAMED	MOUTH	HEADWATERS	SUMMIT CR	603	LEWIS	WA	U				4.9	4.9	
UNNAMED	MOUTH	HEADWATERS	SUMMIT CR	603	YAKIMA	WA	U				4.9	4.9	

PROTECTED AREAS DESIGNATIONS FOR STREAM REACHES IN THE COWLITZ SUBBASIN, WA, NW POWER PLANNING COUNCIL, MAY, 1988

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STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
SUMMIT CR	UNNAMED	HEADWATERS	OHANAPECOSH R	604	LEWIS	WA W		5.1 5.1
OHANAPECOSH R	SUMMIT CR	LAUGHINGWATER CR	COWLITZ R	605	LEWIS	WA W		3.0 3.0
OHANAPECOSH R	SUMMIT CR	LAUGHINGWATER CR	COWLITZ R	605	PIERCE	WA W		3.0 3.0
LAUGHINGWATER CR	MOUTH	HEADWATERS	OHANAPECOSH R	606	LEWIS	WA U		4.5 4.5
OHANAPECOSH R	LAUGHINGWATER CR	PANTHER CR	COWLITZ R	607	LEWIS	WA U		3.2 3.2
PANTHER CR	MOUTH	HEADWATERS	OHANAPECOSH R	608	LEWIS	WA U		4.4 4.4
OHANAPECOSH R	PANTHER CR	CHINOOK CR	COWLITZ R	609	LEWIS	WA U		1.7 1.7
CHINOOK CR	MOUTH	HEADWATERS	OHANAPECOSH R	610	LEWIS	WA U		5.9 5.9
OHANAPECOSH R	CHINOOK CR	HEADWATERS	COWLITZ R	611	LEWIS	WA U		5.5 5.5

CRAB

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
CRAB CR	MOUTH	UNNAMED	COLUMBIA R	12014	ADAMS	WA U	39.4 39.4
CRAB CR	MOUTH	UNNAMED	COLUMBIA R	12014	FRANKLIN	WA U	39.4 39.4
CRAB CR	MOUTH	UNNAMED	COLUMBIA R	12014	GRANT	WA U	39.4 39.4
UNNAMED	MOUTH	HEADWATERS	CRAB CR	12015	ADAMS	WA U	4.8 4.8
UNNAMED	MOUTH	HEADWATERS	CRAB CR	12015	GRANT	WA U	4.8 4.8
CRAB CR	UNNAMED	POTHOLES RES	COLUMBIA R	12016	ADAMS	WA U	9.0 9.0
CRAB CR	UNNAMED	POTHOLES RES	COLUMBIA R	12016	GRANT	WA U	9.0 9.0
CRAB CR	POTHOLES RES	LAKE INTERIOR REACH	COLUMBIA R	12017	GRANT	WA U	0.6 0.6
LIND COULEE	POTHOLES RES	LAKE INTERIOR REACH	CRAB CR	12018	GRANT	WA U	9.1 9.1
LIND COULEE	POTHOLES RES	WEBER COULEE	CRAB CR	12019	GRANT	WA U	7.3 7.3
WEBER COULEE	MOUTH	BOWERS COULEE	LIND COULEE	12020	ADAMS	WA U	12.6 12.6
WEBER COULEE	MOUTH	BOWERS COULEE	LIND COULEE	12020	GRANT	WA U	12.6 12.6
BOWERS COULEE	MOUTH	HEADWATERS	WEBER COULEE	12021	ADAMS	WA U	24.7 24.7
FARRIER COULEE	MOUTH	HEADWATERS	WEBER COULEE	12022	ADAMS	WA U	16.1 16.1
LIND COULEE	WEBER COULEE	PAHA COULEE	CRAB CR	12023	ADAMS	WA U	35.0 35.0
LIND COULEE	WEBER COULEE	PAHA COULEE	CRAB CR	12023	GRANT	WA U	35.0 35.0
PAHA COULEE	MOUTH	HEADWATERS	LIND COULEE	12024	ADAMS	WA U	13.2 13.2
LIND COULEE	PAHA COULEE	HEADWATERS	CRAB CR	12025	ADAMS	WA U	17.0 17.0
CRAB CR	POTHOLES RES	LAKE INTERIOR REACH	COLUMBIA R	12026	GRANT	WA U	9.0 9.0
CRAB CR	POTHOLES RES	MOSES L	COLUMBIA R	12027	GRANT	WA U	0.3 0.3
CRAB CR	MOSES L	LAKE INTERIOR REACH	COLUMBIA R	12028	GRANT	WA U	1.7 1.7
ROCKY FORD CR	MOSES L	LAKE INTERIOR REACH	CRAB CR	12029	GRANT	WA U	10.8 10.8
ROCKY FORD CR	MOSES L	HEADWATERS	CRAB CR	12030	GRANT	WA U	7.2 7.2
CRAB CR	MOSES L	LAKE INTERIOR REACH	COLUMBIA R	12031	GRANT	WA U	10.9 10.9
CRAB CR	MOSES L	ROCKY COULEE WASTEWAY	COLUMBIA R	12032	GRANT	WA W	1.6 1.6
ROCKY COULEE WASTEWAY	MOUTH	HEADWATERS	CRAB CR	12033	GRANT	WA U	4.7 4.7
CRAB CR	ROCKY COULEE WASTEWAY	BROOK L	COLUMBIA R	12034	GRANT	WA U	29.1 29.1
CRAB CR	BROOK L	LAKE INTERIOR REACH	COLUMBIA R	12035	GRANT	WA U	0.9 0.9
CRAB CR	BROOK L	LAKE INTERIOR REACH	COLUMBIA R	12036	GRANT	WA U	1.0 1.0
CRAB CR	BROOK L	WILSON CR	COLUMBIA R	12037	GRANT	WA U	7.9 7.9
WILSON CR	MOUTH	UNNAMED	CRAB CR	12038	GRANT	WA U	14.9 14.9
UNNAMED	MOUTH	HEADWATERS	WILSON CR	12039	GRANT	WA U	12.1 12.1
UNNAMED	MOUTH	HEADWATERS	WILSON CR	12039	LINCOLN	WA U	12.1 12.1
WILSON CR	UNNAMED	CORBETT DRAW	CRAB CR	12040	GRANT	WA U	9.9 9.9
WILSON CR	UNNAMED	CORBETT DRAW	CRAB CR	12040	LINCOLN	WA U	9.9 9.9
CORBETT DRAW	MOUTH	HEADWATERS	WILSON CR	12041	LINCOLN	WA U	20.5 20.5
WILSON CR	CORBETT DRAW	UNNAMED	CRAB CR	12042	LINCOLN	WA U	3.1 3.1
UNNAMED	MOUTH	HEADWATERS	WILSON CR	12043	LINCOLN	WA U	9.2 9.2
WILSON CR	UNNAMED	SINKING CR	CRAB CR	12044	LINCOLN	WA U	10.0 10.0
SINKING CR	MOUTH	HEADWATERS	WILSON CR	12045	LINCOLN	WA U	20.8 20.8
WILSON CR	SINKING CR	GOOSE CR	CRAB CR	12046	LINCOLN	WA U	0.5 0.5
GOOSE CR	MOUTH	HEADWATERS	WILSON CR	12047	LINCOLN	WA U	9.2 9.2
WILSON CR	GOOSE CR	HEADWATERS	CRAB CR	12048	LINCOLN	WA U	6.6 6.6
CRAB CR	WILSON CR	CANNIWAI CR	COLUMBIA R	12049	GRANT	WA U	1.9 1.9
CANNIWAI CR	MOUTH	UNNAMED	CRAB CR	12050	GRANT	WA U	7.0 7.0
UNNAMED	MOUTH	HEADWATERS	CANNIWAI CR	12051	GRANT	WA U	13.5 13.5
UNNAMED	MOUTH	HEADWATERS	CANNIWAI CR	12051	LINCOLN	WA U	13.5 13.5
CANNIWAI CR	UNNAMED	HEADWATERS	CRAB CR	12052	GRANT	WA U	26.1 26.1
CANNIWAI CR	UNNAMED	HEADWATERS	CRAB CR	12052	LINCOLN	WA U	26.1 26.1

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
CRAB CR	CANNIWAI CR	UNNAMED	COLUMBIA R	12053	GRANT	WA U	19.7 19.7
CRAB CR	CANNIWAI CR	UNNAMED	COLUMBIA R	12053	LINCOLN	WA U	19.7 19.7
UNNAMED	MOUTH	HEADWATERS	CRAB CR	12054	LINCOLN	WA U	0.9 0.9
CRAB CR	UNNAMED	DUCK CR	COLUMBIA R	12055	LINCOLN	WA U	4.5 4.5
DUCK CR	UNNAMED	MOUTH	CRAB CR	12056	LINCOLN	WA U	6.6 6.6
UNNAMED	MOUTH	HEADWATERS	DUCK CR	12057	LINCOLN	WA U	22.2 22.2
DUCK CR	UNNAMED	CORMANA L	CRAB CR	12058	LINCOLN	WA U	10.5 10.5
DUCK CR	CORMANA L	LAKE INTERIOR REACH	CRAB CR	12059	LINCOLN	WA U	1.3 1.3
DUCK CR	CORMANA L	HEADWATERS	CRAB CR	12060	LINCOLN	WA U	6.1 6.1
CRAB CR	DUCK CR	COAL CR	COLUMBIA R	12061	LINCOLN	WA U	5.2 5.2
COAL CR	MOUTH	UNNAMED	CRAB CR	12062	LINCOLN	WA U	25.8 25.8
UNNAMED	MOUTH	HEADWATERS	COAL CR	12063	LINCOLN	WA U	9.4 9.4
COAL CR	UNNAMED	HEADWATERS	CRAB CR	12064	LINCOLN	WA U	7.1 7.1
CRAB CR	COAL CR	SYLVAN L	COLUMBIA R	12065	LINCOLN	WA U	0.5 0.5
CRAB CR	SYLVAN L	LAKE INTERIOR REACH	COLUMBIA R	12066	LINCOLN	WA U	2.5 2.5
CRAB CR	SYLVAN L	UNNAMED	COLUMBIA R	12067	LINCOLN	WA U	9.6 9.6
UNNAMED	MOUTH	HEADWATERS	CRAB CR	12068	ADAMS	WA U	6.6 6.6
UNNAMED	MOUTH	HEADWATERS	CRAB CR	12068	LINCOLN	WA U	6.6 6.6
CRAB CR	UNNAMED	UNNAMED	COLUMBIA R	12069	LINCOLN	WA U	20.3 20.3
UNNAMED	MOUTH	HEADWATERS	CRAB CR	12070	LINCOLN	WA U	13.7 13.7
CRAB CR	UNNAMED	ROCK CR	COLUMBIA R	12071	LINCOLN	WA U	5.0 5.0
ROCK CR	MOUTH	HEADWATERS	CRAB CR	12072	LINCOLN	WA U	16.1 16.1
CRAB CR	ROCK CR	UNNAMED	COLUMBIA R	12073	LINCOLN	WA U	8.8 8.8
UNNAMED	MOUTH	HEADWATERS	CRAB CR	12074	LINCOLN	WA U	9.8 9.8
CRAB CR	UNNAMED	UNNAMED	COLUMBIA R	12075	LINCOLN	WA U	0.6 0.6
UNNAMED	MOUTH	UNNAMED	CRAB CR	12076	LINCOLN	WA U	2.4 2.4
UNNAMED	MOUTH	HEADWATERS	UNNAMED	12077	LINCOLN	WA U	8.7 8.7
UNNAMED	UNNAMED	HEADWATERS	CRAB CR	12078	LINCOLN	WA U	15.9 15.9
CRAB CR	UNNAMED	HEADWATERS	COLUMBIA R	12079	LINCOLN	WA U	15.1 15.1
MOSES COULEE	MOUTH	DOUGLAS CR	COLUMBIA R	12122	DOUGLAS	WA U	18.9 18.9
RATTLESNAKE CR	MOUTH	MCCARTENEY CR	MOSES COULEE	12123	DOUGLAS	WA U	6.1 6.1
RATTLESNAKE SPRINGS	MOUTH	HEADWATERS	RATTLESNAKE CR	12124	DOUGLAS	WA U	2.7 2.7
MCCARTENEY CR	MOUTH	COYOTE CANYON	RATTLESNAKE CR	12125	DOUGLAS	WA U	3.9 3.9
COYOTE CANYON	MOUTH	HEADWATERS	MCCARTENEY CR	12126	DOUGLAS	WA U	14.0 14.0
MCCARTENEY CR	COYOTE CANYON	DUTCH HENRY DRAW	RATTLESNAKE CR	12127	DOUGLAS	WA U	14.2 14.2
DUTCH HENRY DRAW	MOUTH	HEADWATERS	MCCARTENEY CR	12128	DOUGLAS	WA U	19.1 19.1
MCCARTENEY CR	DUTCH HENRY DRAW	JAMESON L	RATTLESNAKE CR	12129	DOUGLAS	WA U	3.4 3.4
MCCARTENEY CR	JAMESON L	LAKE INTERIOR REACH	RATTLESNAKE CR	12130	DOUGLAS	WA U	1.9 1.9
MCCARTENEY CR	JAMESON L	GRIMES L	RATTLESNAKE CR	12131	DOUGLAS	WA U	2.2 2.2
MCCARTENEY CR	GRIMES L	LAKE INTERIOR REACH	RATTLESNAKE CR	12132	DOUGLAS	WA U	1.4 1.4
MCCARTENEY CR	GRIMES L	HEADWATERS	RATTLESNAKE CR	12133	DOUGLAS	WA U	5.2 5.2
DOUGLAS CR	MOUTH	UNNAMED	MOSES COULEE	12134	DOUGLAS	WA U	22.4 22.4
UNNAMED	MOUTH	HEADWATERS	DOUGLAS CR	12135	DOUGLAS	WA U	9.5 9.5
DOUGLAS CR	UNNAMED	HEADWATERS	MOSES COULEE	12136	DOUGLAS	WA U	12.2 12.2
UNNAMED	BANKS L	LAKE INTERIOR REACH	COLUMBIA R	12555	DOUGLAS	WA U	29.5 29.5
UNNAMED	BANKS L	LAKE INTERIOR REACH	COLUMBIA R	12556	GRANT	WA U	29.5 29.5
UNNAMED	BANKS L	LONG L	COLUMBIA R	12556	GRANT	WA U	14.1 14.1
UNNAMED	LONG L	LAKE INTERIOR REACH	COLUMBIA R	12557	GRANT	WA U	3.0 3.0

ELOCHOMAN

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
ELOCHOMAN R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	221	WAHIAKUM	WA A		1.2 1.2
ELOCHOMAN R	MOUTH	NELSON CR	COLUMBIA R	222	COWLITZ	WA A		1.0 1.0
ELOCHOMAN R	MOUTH	NELSON CR	COLUMBIA R	222	WAHIAKUM	WA A		1.0 1.0
NELSON CR	MOUTH	HEADWATERS	ELOCHOMAN R	223	COWLITZ	WA U		
ELOCHOMAN R	NELSON CR	BEAVER CR	COLUMBIA R	224	COWLITZ	WA A		2.7 2.7
BEAVER CR	MOUTH	HEADWATERS	ELOCHOMAN R	225	COWLITZ	WA A		6.0 6.0
ELOCHOMAN R	BEAVER CR	DUCK CR	COLUMBIA R	226	COWLITZ	WA A		3.7 3.7
DUCK CR	MOUTH	HEADWATERS	ELOCHOMAN R	227	COWLITZ	WA U		
ELOCHOMAN R	DUCK CR	ELOCHOMAN R, W FK	COLUMBIA R	228	COWLITZ	WA A		5.1 5.1
ELOCHOMAN R, W FK	MOUTH	HEADWATERS	ELOCHOMAN R	229	COWLITZ	WA A		5.3 5.3
ELOCHOMAN R	ELOCHOMAN R, W FK	ELOCHOMAN R, N FK	COLUMBIA R	230	COWLITZ	WA A		2.7 2.7
ELOCHOMAN R, N FK	MOUTH	HEADWATERS	ELOCHOMAN R	231	COWLITZ	WA U		
ELOCHOMAN R	ELOCHOMAN R, N FK	HEADWATERS	COLUMBIA R	232	COWLITZ	WA A		3.9 3.9

ENTIAT

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
ENTIAT R	MOUTH	ROARING CR	COLUMBIA R	12248	CHELAN	WA A		8.5 8.5
ENTIAT R	MOUTH	ROARING CR	COLUMBIA R	12248	DOUGLAS	WA A		8.5 8.5
ROARING CR	MOUTH	HEADWATERS	ENTIAT R	12249	CHELAN	WA U		7.8 7.8
ENTIAT R	ROARING CR	MAD R	COLUMBIA R	12250	CHELAN	WA A		3.9 3.9
MAD R	MOUTH	TILlicum CR	ENTIAT R	12251	CHELAN	WA A		3.1 3.1
TILlicum CR	MOUTH	INDIAN CR	MAD R	12252	CHELAN	WA A		1.9 1.9
INDIAN CR	MOUTH	HEADWATERS	TILlicum CR	12253	CHELAN	WA U		5.3 5.3
TILlicum CR	INDIAN CR	HEADWATERS	MAD R	12254	CHELAN	WA A		3.5 1.1
MAD R	TILlicum CR	YOUNG CR	ENTIAT R	12255	CHELAN	WA A		8.9 8.9
YOUNG CR	MOUTH	HEADWATERS	MAD R	12256	CHELAN	WA U		4.0 4.0
MAD R	YOUNG CR	COUGAR CR	ENTIAT R	12257	CHELAN	WA A		2.2
COUGAR CR	MOUTH	HEADWATERS	MAD R	12258	CHELAN	WA U		5.5 5.5
MAD R	COUGAR CR	HEADWATERS	ENTIAT R	12259	CHELAN	WA A		12.1 1.2
ENTIAT R	MAD R	MUD CR	COLUMBIA R	12260	CHELAN	WA A		1.0 1.0
MUD CR	MOUTH	HEADWATERS	ENTIAT R	12261	CHELAN	WA U		10.6 10.6
ENTIAT R	MUD CR	POTATO CR	COLUMBIA R	12262	CHELAN	WA A		4.4 4.4
POTATO CR	MOUTH	HEADWATERS	ENTIAT R	12263	CHELAN	WA U		7.1 7.1
ENTIAT R	POTATO CR	STORMY CR	COLUMBIA R	12264	CHELAN	WA A		2.1 2.1
STORMY CR	MOUTH	HEADWATERS	ENTIAT R	12265	CHELAN	WA U		5.2 5.2
ENTIAT R	STORMY CR	TOMMY CR	COLUMBIA R	12266	CHELAN	WA A		10.3 10.3
TOMMY CR	MOUTH	HEADWATERS	ENTIAT R	12267	CHELAN	WA U		5.6 5.6
ENTIAT R	TOMMY CR	LAKE CR	COLUMBIA R	12268	CHELAN	WA A		0.6 0.6
LAKE CR	MOUTH	HEADWATERS	ENTIAT R	12269	CHELAN	WA U		8.0 8.0
ENTIAT R	LAKE CR	ENTIAT R, N FK	COLUMBIA R	12270	CHELAN	WA A		7.0 5.0
ENTIAT R, N FK	MOUTH	HEADWATERS	ENTIAT R	12271	CHELAN	WA U		10.2 10.2
ENTIAT R	ENTIAT R, N FK	ICE CR	COLUMBIA R	12272	CHELAN	WA F		12.1 12.1
ICE CR	MOUTH	HEADWATERS	ENTIAT R	12273	CHELAN	WA U		5.3 5.3
ENTIAT R	ICE CR	HEADWATERS	COLUMBIA R	12274	CHELAN	WA U		5.3 5.3

GRANDE_RONDE

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
GRANDE RONDE R	MOUTH	JOSEPH CR	SNAKE R	7099	ASOTIN	WA A	3.7 3.7
JOSEPH CR	MOUTH	COTTONWOOD CR	GRANDE RONDE R	7100	ASOTIN	WA A	4.3 4.3
COTTONWOOD CR	MOUTH	HORSE CR	JOSEPH CR	7101	WALLOWA	WA A	1.6 1.6
COTTONWOOD CR	MOUTH	HORSE CR	JOSEPH CR	7101	ASOTIN	WA A	1.6 1.6
HORSE CR	MOUTH	HEADWATERS	COTTONWOOD CR	7102	WALLOWA	WA A	11.3 4.0
HORSE CR	MOUTH	HEADWATERS	COTTONWOOD CR	7102	ASOTIN	WA A	11.3 4.0
COTTONWOOD CR	HORSE CR	BROADY CR	JOSEPH CR	7103	WALLOWA	OR A	2.7 2.7
BROADY CR	MOUTH	BROADY CR, W FK	COTTONWOOD CR	7104	WALLOWA	OR A	6.9 6.9
BROADY CR, W FK	MOUTH	HEADWATERS	BROADY CR	7105	WALLOWA	OR U	4.0 4.0
BROADY CR	BROADY CR, W FK	BROADY CR, E FK	COTTONWOOD CR	7106	WALLOWA	OR U	
BROADY CR, E FK	MOUTH	HEADWATERS	BROADY CR	7107	WALLOWA	OR U	
BROADY CR	BROADY CR, E FK	HEADWATERS	COTTONWOOD CR	7108	WALLOWA	OR U	
COTTONWOOD CR	BROADY CR	ROCK CR	JOSEPH CR	7109	WALLOWA	OR A	2.0 2.0
ROCK CR	MOUTH	HEADWATERS	COTTONWOOD CR	7110	WALLOWA	OR U	
COTTONWOOD CR	ROCK CR	BASIN CR	JOSEPH CR	7111	WALLOWA	OR A	0.6 0.6
BASIN CR	MOUTH	HEADWATERS	COTTONWOOD CR	7112	WALLOWA	OR A	0.6 2.0
COTTONWOOD CR	BASIN CR	BEAR CR	JOSEPH CR	7113	WALLOWA	OR A	2.6 2.6
BEAR CR	MOUTH	HEADWATERS	COTTONWOOD CR	7114	WALLOWA	OR A	4.0 1.0
COTTONWOOD CR	BEAR CR	HEADWATERS	JOSEPH CR	7115	WALLOWA	OR U	8.5 8.5
JOSEPH CR	COTTONWOOD CR	TAMARACK CR	GRANDE RONDE R	7116	WALLOWA	WA A	6.8 6.8
JOSEPH CR	COTTONWOOD CR	TAMARACK CR	GRANDE RONDE R	7116	ASOTIN	WA A	6.8 6.8
TAMARACK CR	MOUTH	HEADWATERS	JOSEPH CR	7117	WALLOWA	OR A	6.7 1.0
JOSEPH CR	TAMARACK CR	RUSH CR	GRANDE RONDE R	7118	WALLOWA	OR A	4.8 4.8
RUSH CR	MOUTH	HEADWATERS	JOSEPH CR	7119	WALLOWA	OR A	6.0 2.6
JOSEPH CR	RUSH CR	PEAVINE CR	GRANDE RONDE R	7120	WALLOWA	OR A	3.5 3.5
PEAVINE CR	MOUTH	LUPINE CR	JOSEPH CR	7121	WALLOWA	OR A	2.8 2.8
LUPINE CR	MOUTH	HEADWATERS	PEAVINE CR	7122	WALLOWA	OR A	4.3 2.1
PEAVINE CR	LUPINE CR	HEADWATERS	JOSEPH CR	7123	WALLOWA	OR U	3.8 3.8
JOSEPH CR	PEAVINE CR	SWAMP CR	GRANDE RONDE R	7124	WALLOWA	OR A	5.6 5.6
SWAMP CR	MOUTH	DAVIS CR	JOSEPH CR	7125	WALLOWA	OR A	3.2 3.2
DAVIS CR	MOUTH	HEADWATERS	SWAMP CR	7126	WALLOWA	OR A	10.0 10.0
SWAMP CR	DAVIS CR	HEADWATERS	JOSEPH CR	7127	WALLOWA	OR A	20.8 18.3
JOSEPH CR	SWAMP CR	COUGAR CR	GRANDE RONDE R	7128	WALLOWA	OR A	4.2 4.2
COUGAR CR	MOUTH	HEADWATERS	JOSEPH CR	7129	WALLOWA	OR A	4.9 3.6
JOSEPH CR	COUGAR CR	SUMAC CR	GRANDE RONDE R	7130	WALLOWA	OR A	5.6 5.6
SUMAC CR	MOUTH	HEADWATERS	JOSEPH CR	7131	WALLOWA	OR A	3.7 2.0
JOSEPH CR	SUMAC CR	CHESNIMNUS CR	GRANDE RONDE R	7132	WALLOWA	OR A	0.7 0.7
CROW CR	MOUTH	ELK CR	JOSEPH CR	7133	WALLOWA	OR A	0.9 0.9
ELK CR	MOUTH	GOULD GULCH	CROW CR	7134	WALLOWA	OR A	6.8 6.8
GOULD GULCH	MOUTH	HEADWATERS	ELK CR	7135	WALLOWA	OR U	
ELK CR	GOULD GULCH	HEADWATERS	CROW CR	7136	WALLOWA	OR A	12.3 3.4
CROW CR	ELK CR	HEADWATERS	JOSEPH CR	7137	WALLOWA	OR A	19.7 14.2
CHESNIMNUS CR	MOUTH	GOOSEBERRY CR	JOSEPH CR	7138	WALLOWA	OR A	3.2 3.2
GOOSEBERRY CR	MOUTH	HEADWATERS	CHESNIMNUS CR	7139	WALLOWA	OR A	3.4 2.8
CHESNIMNUS CR	GOOSEBERRY CR	BUTTE CR	JOSEPH CR	7140	WALLOWA	OR A	0.6 0.6
BUTTE CR	MOUTH	HEADWATERS	CHESNIMNUS CR	7141	WALLOWA	OR A	8.0 5.3
CHESNIMNUS CR	BUTTE CR	PEAVINE CR	JOSEPH CR	7142	WALLOWA	OR A	2.3 2.3
PEAVINE CR	MOUTH	MCCARTY GULCH	CHESNIMNUS CR	7143	WALLOWA	OR A	2.0 2.0
MCCARTY GULCH	MOUTH	HEADWATERS	PEAVINE CR	7144	WALLOWA	OR U	

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
PEAVINE CR	MCCARTY GULCH	TELEPHONE GULCH	CHESNIMNUS CR	7145	WALLOWA	OR A		2.1 2.1
TELEPHONE GULCH	MOUTH	HEADWATERS	PEAVINE CR	7146	WALLOWA	OR U		
PEAVINE CR	TELEPHONE GULCH	PEAVINE CR, E FK	CHESNIMNUS CR	7147	WALLOWA	OR A		2.3 2.3
PEAVINE CR, W FK	MOUTH	HEADWATERS	PEAVINE CR	7148	WALLOWA	OR A		4.0 3.6
PEAVINE CR, E FK	MOUTH	HEADWATERS	PEAVINE CR	7149	WALLOWA	OR A		5.5 2.6
CHESNIMNUS CR	PEAVINE CR	SALMON CR	JOSEPH CR	7150	WALLOWA	OR A		2.2 2.2
SALMON CR	MOUTH	ALDER CR	CHESNIMNUS CR	7151	WALLOWA	OR A		2.5 2.5
ALDER CR	MOUTH	HEADWATERS	SALMON CR	7152	WALLOWA	OR A		7.5 4.5
SALMON CR	ALDER CR	PINE CR	CHESNIMNUS CR	7153	WALLOWA	OR U		0.2 0.2
PINE CR	MOUTH	PINE CR, W FK	SALMON CR	7154	WALLOWA	OR U		5.5 5.5
PINE CR, W FK	MOUTH	HEADWATERS	PINE CR	7155	WALLOWA	OR U		
PINE CR	PINE CR, W FK	HEADWATERS	SALMON CR	7156	WALLOWA	OR U		11.0 11.0
SALMON CR	PINE CR	DRY SALMON CR	CHESNIMNUS CR	7157	WALLOWA	OR U		4.0 4.0
DRY SALMON CR	MOUTH	HEADWATERS	SALMON CR	7158	WALLOWA	OR U		
SALMON CR	DRY SALMON CR	HEADWATERS	CHESNIMNUS CR	7159	WALLOWA	OR U		6.0 6.0
CHESNIMNUS CR	SALMON CR	DOE CR	JOSEPH CR	7160	WALLOWA	OR A		4.1 4.1
DOE CR	MOUTH	HEADWATERS	CHESNIMNUS CR	7161	WALLOWA	OR A		4.0 2.5
CHESNIMNUS CR	DOE CR	BILLY CR	JOSEPH CR	7162	WALLOWA	OR A		1.8 1.8
BILLY CR	MOUTH	HEADWATERS	CHESNIMNUS CR	7163	WALLOWA	OR A		10.0 8.0
CHESNIMNUS CR	BILLY CR	BIG CANYON CR	JOSEPH CR	7164	WALLOWA	OR A		1.0 1.0
BIG CANYON CR	MOUTH	HEADWATERS	CHESNIMNUS CR	7165	WALLOWA	OR U		
CHESNIMNUS CR	BIG CANYON CR	DEVILS RUN CR	JOSEPH CR	7166	WALLOWA	OR A		0.3 0.3
DEVILS RUN CR	MOUTH	POISON CR	CHESNIMNUS CR	7167	WALLOWA	OR A		2.0 2.0
POISON CR	MOUTH	HEADWATERS	DEVILS RUN CR	7168	WALLOWA	OR A		3.0 1.7
DEVILS RUN CR	POISON CR	SUMMIT CR	CHESNIMNUS CR	7169	WALLOWA	OR A		4.5 4.5
SUMMIT CR	MOUTH	HEADWATERS	DEVILS RUN CR	7170	WALLOWA	OR A		2.5 2.2
DEVILS RUN CR	SUMMIT CR	TNT GULCH	CHESNIMNUS CR	7171	WALLOWA	OR A		1.6 1.6
TNT GULCH	MOUTH	HEADWATERS	DEVILS RUN CR	7172	WALLOWA	OR A		1.9 1.6
DEVILS RUN CR	TNT GULCH	HEADWATERS	CHESNIMNUS CR	7173	WALLOWA	OR U		1.9 1.9
CHESNIMNUS CR	DEVILS RUN CR	VANCE GULCH	JOSEPH CR	7174	WALLOWA	OR A		3.7 3.7
VANCE GULCH	MOUTH	HEADWATERS	CHESNIMNUS CR	7175	WALLOWA	OR U		3.0 3.0
CHESNIMNUS CR	VANCE GULCH	CHESNIMNUS CR, S FK	JOSEPH CR	7176	WALLOWA	OR A		4.0 4.0
CHESNIMNUS CR, S FK	MOUTH	HEADWATERS	CHESNIMNUS CR	7177	WALLOWA	OR A		4.7 3.8
CHESNIMNUS CR	CHESNIMNUS CR, S FK	HEADWATERS	JOSEPH CR	7178	WALLOWA	OR A		4.6 4.6
GRANDE RONDE R	JOSEPH CR	DEEP CANYON	SNAKE R	7179	ASOTIN	WA A		6.6 6.6
DEEP CANYON	MOUTH	HEADWATERS	GRANDE RONDE R	7180	ASOTIN	WA U		2.0 2.0
GRANDE RONDE R	DEEP CANYON	DEER CR	SNAKE R	7181	ASOTIN	WA A		3.0 3.0
DEER CR	MOUTH	HEADWATERS	GRANDE RONDE R	7182	ASOTIN	WA A		6.0 2.0
GRANDE RONDE R	DEER CR	BUFORD CR	SNAKE R	7183	ASOTIN	WA A		8.5 8.5
BUFORD CR	MOUTH	HEADWATERS	GRANDE RONDE R	7184	WALLOWA	WA A		10.0 3.0
BUFORD CR	MOUTH	HEADWATERS	GRANDE RONDE R	7184	ASOTIN	WA A		10.0 3.0
GRANDE RONDE R	BUFORD CR	COTTONWOOD CR	SNAKE R	7185	ASOTIN	WA A		3.0 3.0
COTTONWOOD CR	MOUTH	HEADWATERS	GRANDE RONDE R	7186	ASOTIN	WA U		6.7 6.7
GRANDE RONDE R	COTTONWOOD CR	BEAR CR	SNAKE R	7187	ASOTIN	WA A		1.7 1.7
BEAR CR	MOUTH	E BEAR CR	GRANDE RONDE R	7188	ASOTIN	WA A		2.0 2.0
E BEAR CR	MOUTH	HEADWATERS	BEAR CR	7189	WALLOWA	WA A		5.0 3.8
W BEAR CR	MOUTH	HEADWATERS	BEAR CR	7190	WALLOWA	WA U		7.9 7.9
W BEAR CR	MOUTH	HEADWATERS	BEAR CR	7190	ASOTIN	WA U		7.9 7.9
GRANDE RONDE R	BEAR CR	MENATCHEE CR	SNAKE R	7191	ASOTIN	WA A		6.6 6.6

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST	PR	FERC	DEP	LENG(MI)	
								CT	NUMB	TOT	PROT
MENATCHEE CR	MOUTH	MENATCHEE CR, W FK	GRANDE RONDE R	7192	ASOTIN	WA	A			3.2	3.2
MENATCHEE CR	MOUTH	MENATCHEE CR, W FK	GRANDE RONDE R	7192	GARFIELD	WA	A			3.2	3.2
MENATCHEE CR, W FK	MOUTH	HEADWATERS	MENATCHEE CR	7193	ASOTIN	WA	A			4.3	3.1
MENATCHEE CR	MENATCHEE CR, W FK	HEADWATERS	GRANDE RONDE R	7194	ASOTIN	WA	A			7.3	1.8
GRANDE RONDE R	MENATCHEE CR	GROUSE CR	SNAKE R	7195	WALLOWA	WO	A			1.7	1.7
GRANDE RONDE R	MENATCHEE CR	GROUSE CR	SNAKE R	7195	ASOTIN	WO	A			1.7	1.7
GROUSE CR	MOUTH	HEADWATERS	GRANDE RONDE R	7196	WALLOWA	OR	A			1.2	1.2
GRANDE RONDE R	GROUSE CR	BEAR CR	SNAKE R	7197	WALLOWA	OR	A			5.0	5.0
BEAR CR	MOUTH	HEADWATERS	GRANDE RONDE R	7198	WALLOWA	WO	U				
GRANDE RONDE R	BEAR CR	WENAH R	SNAKE R	7199	WALLOWA	OR	A			1.0	1.0
WENAH R	MOUTH	CROOKED CR	GRANDE RONDE R	7200	WALLOWA	OR	A			6.7	6.7
CROOKED CR	MOUTH	FIRST CR	WENAH R	7201	WALLOWA	WO	A			4.8	4.8
CROOKED CR	MOUTH	FIRST CR	WENAH R	7201	GARFIELD	WO	A			4.8	4.8
FIRST CR	MOUTH	HEADWATERS	CROOKED CR	7202	ASOTIN	WA	A			4.0	4.0
FIRST CR	MOUTH	HEADWATERS	CROOKED CR	7202	GARFIELD	WA	A			4.0	4.0
CROOKED CR	FIRST CR	MELTON CR	WENAH R	7203	GARFIELD	WA	A			0.4	0.4
MELTON CR	MOUTH	HEADWATERS	CROOKED CR	7204	GARFIELD	WA	A			4.1	2.1
CROOKED CR	MELTON CR	THIRD CR	WENAH R	7205	COLUMBIA	WA	A			2.7	2.7
CROOKED CR	MELTON CR	THIRD CR	WENAH R	7205	GARFIELD	WA	A			2.7	2.7
THIRD CR	MOUTH	TROUT CR	CROOKED CR	7206	GARFIELD	WA	A			3.3	3.3
TROUT CR	MOUTH	HEADWATERS	THIRD CR	7207	GARFIELD	WA	A			5.5	5.5
THIRD CR	TROUT CR	HEADWATERS	CROOKED CR	7208	GARFIELD	WA	U			4.0	4.0
CROOKED CR	THIRD CR	HEADWATERS	WENAH R	7209	GARFIELD	WA	A			5.1	1.9
WENAH R	CROOKED CR	FAIRVIEW CR	GRANDE RONDE R	7210	WALLOWA	OR	A			1.8	1.8
FAIRVIEW CR	MOUTH	HEADWATERS	WENAH R	7211	WALLOWA	OR	A			2.0	0.6
WENAH R	FAIRVIEW CR	CROSS CANYON	GRANDE RONDE R	7212	WALLOWA	OR	A			0.2	0.2
CROSS CANYON	MOUTH	HEADWATERS	WENAH R	7213	WALLOWA	OR	A			3.0	1.0
WENAH R	CROSS CANYON	WELLER CR	GRANDE RONDE R	7214	WALLOWA	OR	A			2.4	2.4
WELLER CR	MOUTH	HEADWATERS	WENAH R	7215	WALLOWA	OR	A			4.0	1.0
WENAH R	WELLER CR	BUTTE CR	GRANDE RONDE R	7216	WALLOWA	OR	A			3.3	3.3
BUTTE CR	MOUTH	SQUAW CR	WENAH R	7217	WALLOWA	OR	A			0.7	0.7
SQUAW CR	MOUTH	HEADWATERS	BUTTE CR	7218	WALLOWA	OR	A			1.3	0.3
BUTTE CR	SQUAW CR	BUTTE CR, E FK	WENAH R	7219	WALLOWA	WO	A			6.1	6.1
BUTTE CR	SQUAW CR	BUTTE CR, E FK	WENAH R	7219	COLUMBIA	WO	A			6.1	6.1
BUTTE CR, E FK	MOUTH	HEADWATERS	BUTTE CR	7220	COLUMBIA	WA	U			4.0	4.0
BUTTE CR	BUTTE CR, E FK	BUTTE CR, W FK	WENAH R	7221	COLUMBIA	WA	U			0.3	0.3
BUTTE CR, W FK	MOUTH	HEADWATERS	BUTTE CR	7222	COLUMBIA	WA	U			6.1	6.1
BUTTE CR	BUTTE CR, W FK	HEADWATERS	WENAH R	7223	COLUMBIA	WA	U			2.9	2.9
WENAH R	BUTTE CR	ROCK CR	GRANDE RONDE R	7224	WALLOWA	OR	A			2.0	2.0
ROCK CR	MOUTH	HEADWATERS	WENAH R	7225	WALLOWA	OR	A			4.0	2.0
WENAH R	ROCK CR	SLICK EAR CR	GRANDE RONDE R	7226	WALLOWA	OR	A			3.3	3.3
SLICK EAR CR	MOUTH	HEADWATERS	WENAH R	7227	WALLOWA	OR	A			4.6	1.6
WENAH R	SLICK EAR CR	BEAVER CR	GRANDE RONDE R	7228	WALLOWA	OR	A			1.0	1.0
BEAVER CR	MOUTH	HEADWATERS	WENAH R	7229	WALLOWA	WO	A			7.8	3.8
BEAVER CR	MOUTH	HEADWATERS	WENAH R	7229	COLUMBIA	WO	A			7.8	3.8
WENAH R	BEAVER CR	WENAH R, N FK	GRANDE RONDE R	7230	WALLOWA	OR	A			0.6	0.6
WENAH R, N FK	MOUTH	HEADWATERS	WENAH R	7231	WALLOWA	OR	A			8.9	5.2
WENAH R, N FK	MOUTH	HEADWATERS	WENAH R	7231	COLUMBIA	OR	A			8.9	5.2
WENAH R, S FK	MOUTH	ELK CR	WENAH R	7232	WALLOWA	OR	A			0.6	0.6

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
ELK CR	MOUTH	HEADWATERS	WENAH R, S FK	7233	WALLOWA	OR A		4.0 1.0
WENAH R, S FK	ELK CR	JAUSSAUD CR	WENAH R	7234	WALLOWA	OR A		0.5 0.5
JAUSSAUD CR	MOUTH	HEADWATERS	WENAH R, S FK	7235	WALLOWA	OR A		4.0 0.5
WENAH R, S FK	JAUSSAUD CR	COUGAR CANYON	WENAH R	7236	WALLOWA	OR A		1.2 1.2
COUGAR CANYON	MOUTH	HEADWATERS	WENAH R, S FK	7237	WALLOWA	OR A		2.4 0.5
WENAH R, S FK	COUGAR CANYON	TRAPPER CR	WENAH R	7238	WALLOWA	OR A		1.1 1.1
TRAPPER CR	MOUTH	HEADWATERS	WENAH R, S FK	7239	WALLOWA	OR A		3.0 0.6
WENAH R, S FK	TRAPPER CR	MILK CR	WENAH R	7240	WALLOWA	OR A		0.8 0.8
MILK CR	MOUTH	SHOOFLY CR	WENAH R, S FK	7241	WALLOWA	OR A		7.1 7.1
SHOOFLY CR	MOUTH	HEADWATERS	MILK CR	7242	WALLOWA	OR A		4.0 1.8
MILK CR	SHOOFLY CR	HEADWATERS	WENAH R, S FK	7243	WALLOWA	OR U		0.0 0.0
WENAH R, S FK	MILK CR	HEADWATERS	WENAH R	7244	WALLOWA	OR A		3.8 3.8
GRANDE RONDE R	WENAH R	COURTNEY CR	SNAKE R	7245	WALLOWA	OR A		1.1 1.1
COURTNEY CR	MOUTH	BOBCAT CR	GRANDE RONDE R	7246	WALLOWA	OR A		7.0 7.0
BOBCAT CR	MOUTH	HEADWATERS	COURTNEY CR	7247	WALLOWA	OR A		3.0 1.3
COURTNEY CR	BOBCAT CR	SHAMROCK CR	GRANDE RONDE R	7248	WALLOWA	OR A		1.0 1.0
SHAMROCK CR	MOUTH	HEADWATERS	COURTNEY CR	7249	WALLOWA	OR A		0.0 1.0
COURTNEY CR	SHAMROCK CR	HEADWATERS	GRANDE RONDE R	7250	WALLOWA	OR A		5.8 4.1
GRANDE RONDE R	COURTNEY CR	MUD CR	SNAKE R	7251	WALLOWA	OR A		5.2 5.2
MUD CR	MOUTH	BUCK CR	GRANDE RONDE R	7252	WALLOWA	OR A		4.3 4.3
BUCK CR	MOUTH	HEADWATERS	MUD CR	7253	WALLOWA	OR A		11.2 3.2
MUD CR	BUCK CR	TOPE CR	GRANDE RONDE R	7254	WALLOWA	OR A		5.4 5.4
TOPE CR	MOUTH	HEADWATERS	MUD CR	7255	WALLOWA	OR A		11.0 11.0
MUD CR	TOPE CR	MCALLISTER CR	GRANDE RONDE R	7256	WALLOWA	OR A		1.3 1.3
MCALLISTER CR	MOUTH	HEADWATERS	MUD CR	7257	WALLOWA	OR A		8.8 7.1
MUD CR	MCALLISTER CR	SLED CR	GRANDE RONDE R	7258	WALLOWA	OR A		5.9 5.9
SLED CR	MOUTH	EVANS CR	MUD CR	7259	WALLOWA	OR A		3.0 3.0
EVANS CR	MOUTH	HEADWATERS	SLED CR	7260	WALLOWA	OR U		
SLED CR	EVANS CR	HEADWATERS	MUD CR	7261	WALLOWA	OR A		1.0 0.2
MUD CR	SLED CR	TEPEE CR	GRANDE RONDE R	7262	WALLOWA	OR A		1.8 1.8
TEPEE CR	MOUTH	HEADWATERS	MUD CR	7263	WALLOWA	OR U		
MUD CR	TEPEE CR	MCCUBBIN CR	GRANDE RONDE R	7264	WALLOWA	OR A		0.4 0.4
MCCUBBIN CR	MOUTH	HEADWATERS	MUD CR	7265	WALLOWA	OR A		3.8 2.7
MUD CR	MCCUBBIN CR	HEADWATERS	GRANDE RONDE R	7266	WALLOWA	OR U		4.0 4.0
GRANDE RONDE R	MUD CR	WALLUPA CR	SNAKE R	7267	WALLOWA	OR A		1.4 1.4
WALLUPA CR	MOUTH	WILDCAT CR	GRANDE RONDE R	7268	WALLOWA	OR A		3.7 3.7
WILDCAT CR	MOUTH	HEADWATERS	WALLUPA CR	7269	WALLOWA	OR A		12.1 10.3
WALLUPA CR	WILDCAT CR	BISHOP CR	GRANDE RONDE R	7270	WALLOWA	OR A		8.0 8.0
BISHOP CR	MOUTH	HEADWATERS	WALLUPA CR	7271	WALLOWA	OR A		3.0 1.2
WALLUPA CR	BISHOP CR	HEADWATERS	GRANDE RONDE R	7272	WALLOWA	OR U		4.1 4.1
GRANDE RONDE R	WALLUPA CR	CABIN CR	SNAKE R	7273	WALLOWA	OR A		2.3 2.3
CABIN CR	MOUTH	HEADWATERS	GRANDE RONDE R	7274	WALLOWA	OR A		2.0 0.8
GRANDE RONDE R	CABIN CR	SICKFOOT CR	SNAKE R	7275	WALLOWA	OR A		2.5 2.5
SICKFOOT CR	MOUTH	HEADWATERS	GRANDE RONDE R	7276	WALLOWA	OR A		4.7 2.5
GRANDE RONDE R	SICKFOOT CR	GROSSMAN CR	SNAKE R	7277	WALLOWA	OR A		4.0 4.0
GROSSMAN CR	MOUTH	E GROSSMAN CR	GRANDE RONDE R	7278	WALLOWA	OR A		4.1 4.1
E GROSSMAN CR	MOUTH	HEADWATERS	GROSSMAN CR	7279	WALLOWA	OR A		5.0 4.0
GROSSMAN CR	E GROSSMAN CR	HEADWATERS	GRANDE RONDE R	7280	WALLOWA	OR U		3.5 3.5
GRANDE RONDE R	GROSSMAN CR	ELBOW CR	SNAKE R	7281	UNION	OR A 06754-00 I		0.8 0.8
GRANDE RONDE R	GROSSMAN CR	ELBOW CR	SNAKE R	7281	WALLOWA	OR A 06754-00 I		0.8 0.8

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ELBOW CR	MOUTH	SQUAW CR	GRANDE RONDE R	7282	WALLOWA	OR A		1.1 1.1
SQUAW CR	MOUTH	HEADWATERS	ELBOW CR	7283	WALLOWA	OR A		5.0 0.3
ELBOW CR	SQUAW CR	HEADWATERS	GRANDE RONDE R	7284	WALLOWA	OR U		4.7 4.7
GRANDE RONDE R	ELBOW CR	BEAR CR	SNAKE R	7285	WALLOWA	OR A		2.6 2.6
BEAR CR	MOUTH	HEADWATERS	GRANDE RONDE R	7286	WALLOWA	OR A		6.0 2.7
GRANDE RONDE R	BEAR CR	ALDER CR	SNAKE R	7287	WALLOWA	OR A		3.3 3.3
ALDER CR	MOUTH	HEADWATERS	GRANDE RONDE R	7288	WALLOWA	OR A		4.0 0.4
GRANDE RONDE R	ALDER CR	MEADOW CR	SNAKE R	7289	WALLOWA	OR A		2.6 2.6
MEADOW CR	MOUTH	HEADWATERS	GRANDE RONDE R	7290	WALLOWA	OR A		3.0 0.4
GRANDE RONDE R	MEADOW CR	CLEAR CR	SNAKE R	7291	WALLOWA	OR A		5.0 5.0
CLEAR CR	MOUTH	HEADWATERS	GRANDE RONDE R	7292	WALLOWA	OR A		4.9 1.8
GRANDE RONDE R	CLEAR CR	SHEEP CR	SNAKE R	7293	WALLOWA	OR A		2.5 2.5
SHEEP CR	MOUTH	HEADWATERS	GRANDE RONDE R	7294	WALLOWA	OR A		3.8 0.9
GRANDE RONDE R	SHEEP CR	WALLOWA R	SNAKE R	7295	WALLOWA	OR A		1.9 1.9
WALLOWA R	MOUTH	HOWARD CR	GRANDE RONDE R	7296	UNION	OR A	06753-00 I	3.0 3.0
HOWARD CR	MOUTH	WISE CR	WALLOWA R	7297	UNION	OR A		3.1 3.1
HOWARD CR	MOUTH	WISE CR	WALLOWA R	7297	WALLOWA	OR A		3.1 3.1
WISE CR	MOUTH	HEADWATERS	HOWARD CR	7298	UNION	OR U		
HOWARD CR	WISE CR	HEADWATERS	WALLOWA R	7299	UNION	OR A		6.3 1.5
WALLOWA R	HOWARD CR	MINAM R	GRANDE RONDE R	7300	UNION	OR A		6.8 6.8
MINAM R	MOUTH	SQUAW CR	WALLOWA R	7301	UNION	OR A		2.8 2.8
SQUAW CR	MOUTH	HEADWATERS	MINAM R	7302	UNION	OR A		10.2 4.0
SQUAW CR	MOUTH	HEADWATERS	MINAM R	7302	WALLOWA	OR A		10.2 4.0
MINAM R	SQUAW CR	COUGAR CR	WALLOWA R	7303	UNION	OR A		7.0 7.0
COUGAR CR	MOUTH	HEADWATERS	MINAM R	7304	UNION	OR A		5.0 1.0
MINAM R	COUGAR CR	TROUT CR	WALLOWA R	7305	UNION	OR A		1.0 1.0
TROUT CR	MOUTH	HEADWATERS	MINAM R	7306	UNION	OR A		11.4 5.1
TROUT CR	MOUTH	HEADWATERS	MINAM R	7306	WALLOWA	OR A		11.4 5.1
MINAM R	TROUT CR	MURPHY CR	WALLOWA R	7307	UNION	OR A		2.2 2.2
MURPHY CR	MOUTH	HEADWATERS	MINAM R	7308	UNION	OR A		8.7 4.0
MURPHY CR	MOUTH	HEADWATERS	MINAM R	7308	WALLOWA	OR A		8.7 4.0
MINAM R	MURPHY CR	LITTLE MINAM R	WALLOWA R	7309	UNION	OR A		6.3 6.3
LITTLE MINAM R	MOUTH	DOBBIN CR	MINAM R	7310	UNION	OR A		12.4 6.9
LITTLE MINAM R	MOUTH	DOBBIN CR	MINAM R	7310	WALLOWA	OR A		12.4 6.9
DOBBIN CR	MOUTH	HEADWATERS	LITTLE MINAM R	7311	UNION	OR U		1.6 1.6
LITTLE MINAM R	DOBBIN CR	HEADWATERS	MINAM R	7312	UNION	OR U		3.1 3.1
MINAM R	LITTLE MINAM R	HORSE BASIN CR	WALLOWA R	7313	UNION	OR A		2.5 2.5
HORSE BASIN CR	MOUTH	HEADWATERS	MINAM R	7314	UNION	OR A		2.3 0.4
MINAM R	HORSE BASIN CR	HORSEHEAVEN CR	WALLOWA R	7315	UNION	OR A		1.2 1.2
HORSEHEAVEN CR	MOUTH	HEADWATERS	MINAM R	7316	UNION	OR A		2.3 0.4
MINAM R	HORSEHEAVEN CR	WALLOWA CR	WALLOWA R	7317	UNION	OR A		3.0 3.0
WALLOWA CR	MOUTH	HEADWATERS	MINAM R	7318	UNION	OR A		3.5 0.5
MINAM R	WALLOWA CR	CHAPARRAL CR	WALLOWA R	7319	UNION	OR A		1.1 1.1
CHAPARRAL CR	MOUTH	HEADWATERS	MINAM R	7320	UNION	OR A		4.0 1.3
MINAM R	CHAPARRAL CR	GARWOOD CR	WALLOWA R	7321	UNION	OR A		2.0 2.0
GARWOOD CR	MOUTH	HEADWATERS	MINAM R	7322	UNION	OR A		2.5 1.0
MINAM R	GARWOOD CR	THREEMILE CR	WALLOWA R	7323	UNION	OR A		0.4 0.4
THREEMILE CR	MOUTH	HEADWATERS	MINAM R	7324	UNION	OR A		3.0 0.5
MINAM R	THREEMILE CR	LITTLE POT CR	WALLOWA R	7325	UNION	OR A		0.6 0.6

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LITTLE POT CR	MOUTH	HEADWATERS	MINAM R	7326	UNION	OR A		3.2 0.4
MINAM R	LITTLE POT CR	N MINAM R	WALLOWA R	7327	UNION	OR A		2.7 2.7
N MINAM R	MOUTH	STURGILL CR	MINAM R	7328	UNION	OR A		1.0 1.0
N MINAM R	MOUTH	STURGILL CR	MINAM R	7328	WALLOWA	OR A		1.0 1.0
STURGILL CR	MOUTH	HEADWATERS	N MINAM R	7329	UNION	OR U		
N MINAM R	STURGILL CR	HEADWATERS	MINAM R	7330	UNION	OR A		6.6 2.3
MINAM R	N MINAM R	POT CR	WALLOWA R	7331	UNION	OR A		1.1 1.1
POT CR	MOUTH	HEADWATERS	MINAM R	7332	UNION	OR A		2.5 0.3
MINAM R	POT CR	POLE CR	WALLOWA R	7333	UNION	OR A		0.1 0.1
POLE CR	MOUTH	HEADWATERS	MINAM R	7334	UNION	OR U		
MINAM R	POLE CR	ROCK CR	WALLOWA R	7335	UNION	OR A		1.8 1.8
ROCK CR	MOUTH	HEADWATERS	MINAM R	7336	UNION	OR A		3.5 0.5
MINAM R	ROCK CR	CHINA CAP CR	WALLOWA R	7337	UNION	OR A		1.1 1.1
CHINA CAP CR	MOUTH	HEADWATERS	MINAM R	7338	UNION	OR A		3.8 1.3
MINAM R	CHINA CAP CR	LAST CHANCE CR	WALLOWA R	7339	UNION	OR A		2.0 2.0
LAST CHANCE CR	MOUTH	HEADWATERS	MINAM R	7340	UNION	OR A		3.2 0.5
LAST CHANCE CR	MOUTH	HEADWATERS	MINAM R	7340	WALLOWA	OR A		3.2 0.5
MINAM R	LAST CHANCE CR	ELK CR	WALLOWA R	7341	UNION	OR A		2.9 2.9
ELK CR	MOUTH	ELK CR, E FK	MINAM R	7342	UNION	OR A		1.5 0.5
ELK CR, E FK	MOUTH	HEADWATERS	ELK CR	7343	UNION	OR U		
ELK CR	ELK CR, E FK	HEADWATERS	MINAM R	7344	UNION	OR U		1.8 1.8
MINAM R	ELK CR	GRANITE GULCH	WALLOWA R	7345	UNION	OR A		0.8 0.8
MINAM R	ELK CR	GRANITE GULCH	WALLOWA R	7345	WALLOWA	OR A		0.8 0.8
GRANITE GULCH	MOUTH	HEADWATERS	MINAM R	7346	UNION	OR A		3.0 0.6
MINAM R	GRANITE GULCH	WILD SHEEP CR	WALLOWA R	7347	UNION	OR A		0.8 0.8
WILD SHEEP CR	MOUTH	HEADWATERS	MINAM R	7348	UNION	OR A		3.5 1.0
MINAM R	WILD SHEEP CR	TRAIL CR	WALLOWA R	7349	UNION	OR A		2.9 1.8
TRAIL CR	MOUTH	HEADWATERS	MINAM R	7350	UNION	OR U		2.9 2.9
MINAM R	TRAIL CR	HEADWATERS	WALLOWA R	7351	UNION	OR F		5.3 5.3
MINAM R	TRAIL CR	HEADWATERS	WALLOWA R	7351	WALLOWA	OR F		5.3 5.3
WALLOWA R	MINAM R	DEER CR	GRANDE RONDE R	7352	WALLOWA	OR A		1.0 1.0
DEER CR	MOUTH	SAGE CR	WALLOWA R	7353	WALLOWA	OR A		11.9 11.9
SAGE CR	MOUTH	HEADWATERS	DEER CR	7354	WALLOWA	OR A		3.8 1.5
DEER CR	SAGE CR	HEADWATERS	WALLOWA R	7355	WALLOWA	OR A		7.9 4.9
WALLOWA R	DEER CR	WATER CANYON	GRANDE RONDE R	7356	WALLOWA	OR A		5.4 5.4
WATER CANYON	MOUTH	HEADWATERS	WALLOWA R	7357	WALLOWA	OR A		0.7 3.6
WALLOWA R	WATER CANYON	ROCK CR	GRANDE RONDE R	7358	WALLOWA	OR A		1.4 1.4
ROCK CR	MOUTH	HEADWATERS	WALLOWA R	7359	WALLOWA	OR A		8.5 6.5
WALLOWA R	ROCK CR	DRY CR	GRANDE RONDE R	7360	WALLOWA	OR A		3.2 3.2
DRY CR	MOUTH	HEADWATERS	WALLOWA R	7361	WALLOWA	OR A		13.3 9.0
WALLOWA R	DRY CR	BEAR CR	GRANDE RONDE R	7362	WALLOWA	OR A		0.4 0.4
BEAR CR	MOUTH	LITTLE BEAR CR	WALLOWA R	7363	WALLOWA	OR A		8.1 8.1
LITTLE BEAR CR	MOUTH	HEADWATERS	BEAR CR	7364	WALLOWA	OR A		8.2 6.0
BEAR CR	LITTLE BEAR CR	DOC CR	WALLOWA R	7365	WALLOWA	OR A		1.4 1.4
DOC CR	MOUTH	HEADWATERS	BEAR CR	7366	WALLOWA	OR U		5.4 5.4
BEAR CR	DOC CR	GOAT CR	WALLOWA R	7367	WALLOWA	OR A		4.3 4.3
GOAT CR	MOUTH	HEADWATERS	BEAR CR	7368	WALLOWA	OR A		0.4 1.3
BEAR CR	GOAT CR	HEADWATERS	WALLOWA R	7369	WALLOWA	OR A		10.6 2.0
WALLOWA R	BEAR CR	WHISKY CR	GRANDE RONDE R	7370	WALLOWA	OR A		2.1 2.1

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WHISKY CR	MOUTH	WHISKY CR, M FK	WALLOWA R	7371	WALLOWA	OR A		6.3 6.3
WHISKY CR, S FK	MOUTH	HEADWATERS	WHISKY CR	7372	WALLOWA	OR U		5.3 5.3
WHISKY CR, M FK	MOUTH	STRAIGHT WHISKY CR	WHISKY CR	7373	WALLOWA	OR U		2.3 2.3
STRAIGHT WHISKY CR	MOUTH	HEADWATERS	WHISKY CR, M FK	7374	WALLOWA	OR U		
WHISKY CR, M FK	STRAIGHT WHISKY CR	WHISKY CR, N FK	WHISKY CR	7375	WALLOWA	OR U		0.5 0.5
WHISKY CR, N FK	MOUTH	HEADWATERS	WHISKY CR, M FK	7376	WALLOWA	OR U		
WHISKY CR, M FK	WHISKY CR, N FK	HEADWATERS	WHISKY CR	7377	WALLOWA	OR U		9.0 9.0
WALLOWA R	WHISKY CR	LOSTINE R	GRANDE RONDE R	7378	WALLOWA	OR A		1.9 1.9
LOSTINE R	MOUTH	SILVER CR	WALLOWA R	7379	WALLOWA	OR A		14.2 14.2
SILVER CR	MOUTH	HEADWATERS	LOSTINE R	7380	WALLOWA	OR U		4.5 4.5
LOSTINE R	SILVER CR	LAKE CR	WALLOWA R	7381	WALLOWA	OR A		4.6 4.6
LAKE CR	MOUTH	HEADWATERS	LOSTINE R	7382	WALLOWA	OR U		5.1 5.1
LOSTINE R	LAKE CR	E LOSTINE R	WALLOWA R	7383	WALLOWA	OR A		7.1 4.7
E LOSTINE R	MOUTH	HEADWATERS	LOSTINE R	7384	WALLOWA	OR U		5.7 5.7
LOSTINE R	E LOSTINE R	COPPER CR	WALLOWA R	7385	WALLOWA	OR U		2.7 2.7
COPPER CR	MOUTH	HEADWATERS	LOSTINE R	7386	WALLOWA	OR U		
LOSTINE R	COPPER CR	HEADWATERS	WALLOWA R	7387	WALLOWA	OR U		3.3 3.3
WALLOWA R	LOSTINE R	PARSNIP CR	GRANDE RONDE R	7388	WALLOWA	OR A		3.2 3.2
PARSNIP CR	MOUTH	UNNAMED	WALLOWA R	7389	WALLOWA	OR A		4.0 1.0
UNNAMED	MOUTH	HEADWATERS	PARSNIP CR	7390	WALLOWA	OR U		5.9 5.9
PARSNIP CR	UNNAMED	HEADWATERS	WALLOWA R	7391	WALLOWA	OR U		2.4 2.4
WALLOWA R	PARSNIP CR	WADE GULCH	GRANDE RONDE R	7392	WALLOWA	OR A		5.8 5.8
WADE GULCH	MOUTH	HEADWATERS	WALLOWA R	7393	WALLOWA	OR U		5.2 5.2
WALLOWA R	WADE GULCH	TROUT CR	GRANDE RONDE R	7394	WALLOWA	OR A		6.7 6.7
TROUT CR	MOUTH	HEADWATERS	WALLOWA R	7395	WALLOWA	OR U		7.0 7.0
WALLOWA R	TROUT CR	SPRING CR	GRANDE RONDE R	7396	WALLOWA	OR A		0.3 0.3
SPRING CR	MOUTH	HEADWATERS	WALLOWA R	7397	WALLOWA	OR A		2.5 2.0
WALLOWA R	SPRING CR	HURRICANE CR	GRANDE RONDE R	7398	WALLOWA	OR A		0.1 0.1
HURRICANE CR	MOUTH	HEADWATERS	WALLOWA R	7399	WALLOWA	OR A	08432-00 I	20.4 6.3
WALLOWA R	HURRICANE CR	LITTLE HURRICANE CR	GRANDE RONDE R	7400	WALLOWA	OR A		0.5 0.5
LITTLE HURRICANE CR	MOUTH	HEADWATERS	WALLOWA R	7401	WALLOWA	OR U		
WALLOWA R	LITTLE HURRICANE CR	PRAIRIE CR	GRANDE RONDE R	7402	WALLOWA	OR A		1.7 1.7
PRAIRIE CR	MOUTH	OK GULCH	WALLOWA R	7403	WALLOWA	OR A		4.1 4.1
OK GULCH	MOUTH	HEADWATERS	PRAIRIE CR	7404	WALLOWA	OR U		10.7 10.7
PRAIRIE CR	OK GULCH	PRAIRIE CR, W FK	WALLOWA R	7405	WALLOWA	OR A		6.8 3.5
PRAIRIE CR, W FK	MOUTH	HEADWATERS	PRAIRIE CR	7406	WALLOWA	OR U		1.9 1.9
PRAIRIE CR	PRAIRIE CR, W FK	HEADWATERS	WALLOWA R	7407	WALLOWA	OR U		1.9 1.9
WALLOWA R	PRAIRIE CR	WALLOWA L	GRANDE RONDE R	7408	WALLOWA	OR A		7.7 6.6
WALLOWA R	WALLOWA L	LAKE INTERIOR REACH	GRANDE RONDE R	7409	WALLOWA	OR F		3.5 3.5
WALLOWA R	WALLOWA L	WALLOWA R, E FK	GRANDE RONDE R	7410	WALLOWA	OR F		1.1 1.1
WALLOWA R, W FK	MOUTH	LAKE CR	WALLOWA R	7411	WALLOWA	OR U		6.2 6.2
LAKE CR	MOUTH	HEADWATERS	WALLOWA R, W FK	7412	WALLOWA	OR U		4.3 4.3
WALLOWA R, W FK	LAKE CR	HEADWATERS	WALLOWA R	7413	WALLOWA	OR U		4.0 4.0
WALLOWA R, E FK	MOUTH	HEADWATERS	WALLOWA R	7414	WALLOWA	OR U		5.8 5.8
GRANDE RONDE R	WALLOWA R	DUNCAN CANYON	SNAKE R	7415	UNION	OR A		3.0 3.0
DUNCAN CANYON	MOUTH	HEADWATERS	GRANDE RONDE R	7416	UNION	OR U		5.7 5.7
GRANDE RONDE R	DUNCAN CANYON	LOOKINGGLASS CR	SNAKE R	7417	UNION	OR A		0.4 0.4
LOOKINGGLASS CR	MOUTH	JARBOE CR	GRANDE RONDE R	7418	UNION	OR A		2.5 2.5
JARBOE CR	MOUTH	HEADWATERS	LOOKINGGLASS CR	7419	UNION	OR A		12.1 3.5
JARBOE CR	MOUTH	HEADWATERS	LOOKINGGLASS CR	7419	WALLOWA	OR A		12.1 3.5

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
LOOKINGGLASS CR	JARBOE CR	LITTLE LOOKINGGLASS	GRANDE RONDE R	7420	UNION	OR A		1.7 1.7
LITTLE LOOKINGGLASS CR	MOUTH	MOTTET CR	LOOKINGGLASS CR	7421	UNION	OR A		1.4 1.4
MOTTET CR	MOUTH	HEADWATERS	LITTLE LOOKINGGLASS	7422	UNION	OR A		9.4 5.1
LITTLE LOOKINGGLASS CR	MOTTET CR	HEADWATERS	LOOKINGGLASS CR	7423	UNION	OR A		8.3 4.0
LOOKINGGLASS CR	LITTLE LOOKINGGLASS	SUMMER CR	GRANDE RONDE R	7424	UNION	OR A		8.2 6.2
SUMMER CR	MOUTH	SWAMP CR	LOOKINGGLASS CR	7425	UNION	OR A		2.5 2.5
SWAMP CR	MOUTH	HEADWATERS	SUMMER CR	7426	UNION	OR A		3.3 1.5
SUMMER CR	SWAMP CR	HEADWATERS	LOOKINGGLASS CR	7427	UNION	OR A		2.4 0.2
LOOKINGGLASS CR	SUMMER CR	HEADWATERS	GRANDE RONDE R	7428	UMATILLA	OR A		6.6 3.2
LOOKINGGLASS CR	SUMMER CR	HEADWATERS	GRANDE RONDE R	7428	UNION	OR A		6.6 3.2
GRANDE RONDE R	LOOKINGGLASS CR	RYSDAM CANYON	SNAKE R	7429	UNION	OR A		1.2 1.2
RYSDAM CANYON	MOUTH	HEADWATERS	GRANDE RONDE R	7430	UNION	OR U		7.1 7.1
GRANDE RONDE R	RYSDAM CANYON	CABIN CR	SNAKE R	7431	UNION	OR A		1.2 1.2
CABIN CR	MOUTH	CABIN CR, N FK	GRANDE RONDE R	7432	UNION	OR A		6.0 6.0
CABIN CR, N FK	MOUTH	HEADWATERS	CABIN CR	7433	UNION	OR A		5.8 3.0
CABIN CR, S FK	MOUTH	HEADWATERS	CABIN CR	7434	UNION	OR A		5.3 3.0
GRANDE RONDE R	CABIN CR	UNNAMED	SNAKE R	7435	UNION	OR A		2.2 2.2
UNNAMED	MOUTH	HEADWATERS	GRANDE RONDE R	7436	UNION	OR U		4.8 4.8
GRANDE RONDE R	UNNAMED	GORDON CR	SNAKE R	7437	UNION	OR A		6.2 6.2
GORDON CR	MOUTH	HEADWATERS	GRANDE RONDE R	7438	UNION	OR A		10.2 10.2
GRANDE RONDE R	GORDON CR	PHILLIPS CR	SNAKE R	7439	UNION	OR A		2.7 2.7
PHILLIPS CR	MOUTH	LITTLE PHILLIPS CR	GRANDE RONDE R	7440	UNION	OR A		4.4 4.4
LITTLE PHILLIPS CR	MOUTH	HEADWATERS	PHILLIPS CR	7441	UNION	OR A		10.4 2.6
PHILLIPS CR	LITTLE PHILLIPS CR	E PHILLIPS CR	GRANDE RONDE R	7442	UNION	OR A		6.6 6.6
E PHILLIPS CR	MOUTH	PEDRO CR	PHILLIPS CR	7443	UNION	OR A		0.8 0.8
PEDRO CR	MOUTH	HEADWATERS	E PHILLIPS CR	7444	UNION	OR U		
E PHILLIPS CR	PEDRO CR	HEADWATERS	PHILLIPS CR	7445	UNION	OR A		5.0 0.7
PHILLIPS CR	E PHILLIPS CR	HEADWATERS	GRANDE RONDE R	7446	UNION	OR U		3.3 3.3
GRANDE RONDE R	PHILLIPS CR	CLARK CR	SNAKE R	7447	UNION	OR A		0.4 0.4
CLARK CR	MOUTH	CLARK CR, N FK	GRANDE RONDE R	7448	UNION	OR A		6.2 6.2
CLARK CR, N FK	MOUTH	HEADWATERS	CLARK CR	7449	UNION	OR A		9.9 4.0
CLARK CR	CLARK CR, N FK	CLARK CR, M FK	GRANDE RONDE R	7450	UNION	OR A		0.7 0.7
CLARK CR, M FK	MOUTH	HEADWATERS	CLARK CR	7451	UNION	OR A		6.5 1.6
CLARK CR	CLARK CR, M FK	HEADWATERS	GRANDE RONDE R	7452	UNION	OR A		10.0 4.6
GRANDE RONDE R	CLARK CR	INDIAN CR	SNAKE R	7453	UNION	OR A		2.0 2.0
INDIAN CR	MOUTH	SHAW CR	GRANDE RONDE R	7454	UNION	OR A		3.6 3.6
SHAW CR	MOUTH	HEADWATERS	INDIAN CR	7455	UNION	OR U		5.8 5.8
INDIAN CR	SHAW CR	LITTLE INDIAN CR	GRANDE RONDE R	7456	UNION	OR A		9.0 9.0
LITTLE INDIAN CR	MOUTH	HEADWATERS	INDIAN CR	7457	UNION	OR A		6.0 2.9
INDIAN CR	LITTLE INDIAN CR	CAMP CR	GRANDE RONDE R	7458	UNION	OR A		3.0 3.0
CAMP CR	MOUTH	HEADWATERS	INDIAN CR	7459	UNION	OR A		4.0 1.5
INDIAN CR	CAMP CR	INDIAN CR, E FK	GRANDE RONDE R	7460	UNION	OR A		4.9 4.9
INDIAN CR, E FK	MOUTH	HEADWATERS	INDIAN CR	7461	UNION	OR A		1.6 0.2
INDIAN CR	INDIAN CR, E FK	HEADWATERS	GRANDE RONDE R	7462	UNION	OR A		4.7 3.4
GRANDE RONDE R	INDIAN CR	WILLOW CR	SNAKE R	7463	UNION	OR A		3.7 3.7
WILLOW CR	MOUTH	MILL CR	GRANDE RONDE R	7464	UNION	OR A		3.7 3.7
MILL CR	MOUTH	SPRING CR	WILLOW CR	7465	UNION	OR A		5.8 5.8
SPRING CR	MOUTH	HEADWATERS	MILL CR	7466	UNION	OR A		7.3 5.5
MILL CR	SPRING CR	HEADWATERS	WILLOW CR	7467	UNION	OR U		5.6 5.6

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WILLOW CR	MILL CR	COON CR	GRANDE RONDE R	7468	UNION	OR A		3.4 3.4
DRY CR	MOUTH	FINLEY CR	WILLOW CR	7469	UNION	OR A		8.0 8.0
FINLEY CR	MOUTH	HEADWATERS	DRY CR	7470	UNION	OR A		3.8 1.0
DRY CR	FINLEY CR	HEADWATERS	WILLOW CR	7471	UNION	OR A		5.4 5.4
COON CR	MOUTH	HEADWATERS	WILLOW CR	7472	UNION	OR U		5.5 5.5
GRANDE RONDE R	WILLOW CR	WARM CR	SNAKE R	7473	UNION	OR A		21.8 21.8
WARM CR	MOUTH	HEADWATERS	GRANDE RONDE R	7474	UNION	OR U		
GRANDE RONDE R	WARM CR	CATHERINE CR	SNAKE R	7475	UNION	OR A		1.6 1.6
CATHERINE CR	MOUTH	MILL CR	GRANDE RONDE R	7476	UNION	OR A		1.1 1.1
MILL CR	MOUTH	PHYS SLOUGH	CATHERINE CR	7477	UNION	OR A		0.5 0.5
PHYS SLOUGH	MOUTH	HEADWATERS	MILL CR	7478	UNION	OR U		
MILL CR	PHYS SLOUGH	HEADWATERS	CATHERINE CR	7479	UNION	OR A		9.0 9.0
CATHERINE CR	MILL CR	LADD CR	GRANDE RONDE R	7480	UNION	OR A		3.0 3.0
LADD CR	MOUTH	HEADWATERS	CATHERINE CR	7481	UNION	OR A		17.0 8.0
CATHERINE CR	LADD CR	LADD CR	GRANDE RONDE R	7482	UNION	OR A		1.8 1.8
LADD CR	MOUTH	GEKELER SLOUGH	CATHERINE CR	7483	UNION	OR U		3.3 3.3
GEKELER SLOUGH	MOUTH	HEADWATERS	LADD CR	7484	UNION	OR U		
LADD CR	GEKELER SLOUGH	HEADWATERS	CATHERINE CR	7485	UNION	OR U		0.8 0.8
CATHERINE CR	LADD CR	LITTLE CR	GRANDE RONDE R	7486	UNION	OR A		4.7 4.7
LITTLE CR	MOUTH	DRAPER CR	CATHERINE CR	7487	UNION	OR A		8.0 8.0
DRAPER CR	MOUTH	HEADWATERS	LITTLE CR	7488	UNION	OR U		3.6 3.6
LITTLE CR	DRAPER CR	HEADWATERS	CATHERINE CR	7489	UNION	OR A		6.8 1.2
CATHERINE CR	LITTLE CR	PYLES CR	GRANDE RONDE R	7490	UNION	OR A		0.9 0.9
PYLES CR	MOUTH	HEADWATERS	CATHERINE CR	7491	UNION	OR U		13.4 13.4
CATHERINE CR	PYLES CR	LITTLE CATHERINE CR	GRANDE RONDE R	7492	UNION	OR A		13.1 13.1
LITTLE CATHERINE CR	MOUTH	HEADWATERS	CATHERINE CR	7493	UNION	OR A		7.1 6.0
CATHERINE CR	LITTLE CATHERINE CR	MILK CR	GRANDE RONDE R	7494	UNION	OR A		2.4 2.4
MILK CR	MOUTH	HEADWATERS	CATHERINE CR	7495	UNION	OR U		
CATHERINE CR	MILK CR	CATHERINE CR, N FK	GRANDE RONDE R	7496	UNION	OR A		2.5 2.5
CATHERINE CR, S FK	MOUTH	PRONG CR	CATHERINE CR	7497	UNION	OR A		3.6 3.6
PRONG CR	MOUTH	HEADWATERS	CATHERINE CR, S FK	7498	UNION	OR U		
CATHERINE CR, S FK	PRONG CR	POLE CR	CATHERINE CR	7499	UNION	OR A		0.5 0.5
POLE CR	MOUTH	HEADWATERS	CATHERINE CR, S FK	7500	UNION	OR U		
CATHERINE CR, S FK	POLE CR	COLLINS CR	CATHERINE CR	7501	UNION	OR A		1.0 0.5
COLLINS CR	MOUTH	HEADWATERS	CATHERINE CR, S FK	7502	UNION	OR U		
CATHERINE CR, S FK	COLLINS CR	HEADWATERS	CATHERINE CR	7503	UNION	OR U		2.1 2.1
CATHERINE CR, N FK	MOUTH	BUCK CR	CATHERINE CR	7504	UNION	OR A		1.1 1.1
BUCK CR	MOUTH	HEADWATERS	CATHERINE CR, N FK	7505	UNION	OR U		4.7 4.7
CATHERINE CR, N FK	BUCK CR	CATHERINE CR, N FK,	CATHERINE CR	7506	UNION	OR A		1.7 1.7
CATHERINE CR, N FK, M FK	MOUTH	HEADWATERS	CATHERINE CR, N FK	7507	UNION	OR U		4.9 4.9
CATHERINE CR, N FK	CATHERINE CR, N FK,	HEADWATERS	CATHERINE CR	7508	UNION	OR A		6.3 5.7
GRANDE RONDE R	CATHERINE CR	SPRING SLOUGH	SNAKE R	7509	UNION	OR A		5.3 5.3
SPRING SLOUGH	MOUTH	HEADWATERS	GRANDE RONDE R	7510	UNION	OR U		
GRANDE RONDE R	SPRING SLOUGH	WRIGHT SLOUGH	SNAKE R	7511	UNION	OR A		7.0 7.0
WRIGHT SLOUGH	MOUTH	HEADWATERS	GRANDE RONDE R	7512	UNION	OR U		
GRANDE RONDE R	WRIGHT SLOUGH	FIVE POINTS CR	SNAKE R	7513	UNION	OR A		10.4 10.4
FIVE POINTS CR	MOUTH	PELICAN CR	GRANDE RONDE R	7514	UMATILLA	OR A		2.0 2.0
FIVE POINTS CR	MOUTH	PELICAN CR	GRANDE RONDE R	7514	UNION	OR A		2.0 2.0
PELICAN CR	MOUTH	DRY CR	FIVE POINTS CR	7515	UMATILLA	OR U		

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DRY CR	MOUTH	CALIFORNIA GULCH	PELICAN CR	7516	UMATILLA	OR U		
CALIFORNIA GULCH	MOUTH	HEADWATERS	DRY CR	7517	UMATILLA	OR U		
DRY CR	CALIFORNIA GULCH	HEADWATERS	PELICAN CR	7518	UMATILLA	OR U		
PELICAN CR	DRY CR	HEADWATERS	FIVE POINTS CR	7519	UMATILLA	OR U		
FIVE POINTS CR	PELICAN CR	TIE CR	GRANDE RONDE R	7520	UMATILLA	OR A	7.7	7.7
TIE CR	MOUTH	HEADWATERS	FIVE POINTS CR	7521	UMATILLA	OR U		
FIVE POINTS CR	TIE CR	FIDDLERS HELL	GRANDE RONDE R	7522	UMATILLA	OR A	0.8	0.8
FIDDLERS HELL	MOUTH	HEADWATERS	FIVE POINTS CR	7523	UMATILLA	OR U		
FIVE POINTS CR	FIDDLERS HELL	FIVE POINTS CR, M FK	GRANDE RONDE R	7524	UMATILLA	OR A	3.4	3.4
FIVE POINTS CR, M FK	MOUTH	HEADWATERS	FIVE POINTS CR	7525	UMATILLA	OR U	2.7	2.7
MT EMILY CR	MOUTH	HEADWATERS	FIVE POINTS CR	7526	UMATILLA	OR A	2.3	2.3
GRANDE RONDE R	FIVE POINTS CR	ROCK CR	SNAKE R	7527	UNION	OR A	0.4	0.4
ROCK CR	MOUTH	GRAVES CR	GRANDE RONDE R	7528	UNION	OR A	2.0	2.0
GRAVES CR	MOUTH	LITTLE GRAVES CR	ROCK CR	7529	UNION	OR U		
LITTLE GRAVES CR	MOUTH	HEADWATERS	GRAVES CR	7530	UNION	OR U		
GRAVES CR	LITTLE GRAVES CR	HEADWATERS	ROCK CR	7531	UNION	OR U		
ROCK CR	GRAVES CR	SHEEP CR	GRANDE RONDE R	7532	UNION	OR A	0.6	0.6
SHEEP CR	MOUTH	HEADWATERS	ROCK CR	7533	UNION	OR U		
ROCK CR	SHEEP CR	LITTLE ROCK CR	GRANDE RONDE R	7534	UNION	OR A	2.0	2.0
LITTLE ROCK CR	MOUTH	HEADWATERS	ROCK CR	7535	UNION	OR U	0.7	0.7
ROCK CR	LITTLE ROCK CR	ROCK CR, E FK	GRANDE RONDE R	7536	UNION	OR A	7.2	5.4
ROCK CR, E FK	MOUTH	HEADWATERS	ROCK CR	7537	UNION	OR U		
ROCK CR	ROCK CR, E FK	HEADWATERS	GRANDE RONDE R	7538	UNION	OR U	1.3	1.3
GRANDE RONDE R	ROCK CR	WHISKEY CR	SNAKE R	7539	UNION	OR A	2.8	2.8
WHISKEY CR	MOUTH	LITTLE WHISKEY CR	GRANDE RONDE R	7540	UNION	OR U	5.1	5.1
LITTLE WHISKEY CR	MOUTH	HEADWATERS	WHISKEY CR	7541	UNION	OR U		
WHISKEY CR	LITTLE WHISKEY CR	HEADWATERS	GRANDE RONDE R	7542	UNION	OR U	5.0	5.0
GRANDE RONDE R	WHISKEY CR	SPRING CR	SNAKE R	7543	UNION	OR A	1.1	1.1
SPRING CR	MOUTH	SPRING CR, S FK	GRANDE RONDE R	7544	UNION	OR A	3.2	3.2
SPRING CR, S FK	MOUTH	HEADWATERS	SPRING CR	7545	UNION	OR A	6.0	4.8
SPRING CR	SPRING CR, S FK	HEADWATERS	GRANDE RONDE R	7546	UNION	OR A	5.4	4.5
GRANDE RONDE R	SPRING CR	JORDAN CR	SNAKE R	7547	UNION	OR A	1.4	1.4
JORDAN CR	MOUTH	HEADWATERS	GRANDE RONDE R	7548	UNION	OR U	15.9	15.9
GRANDE RONDE R	JORDAN CR	BEAVER CR	SNAKE R	7549	UNION	OR A	6.7	6.7
BEAVER CR	MOUTH	LITTLE BEAVER CR	GRANDE RONDE R	7550	UNION	OR A	2.0	2.0
LITTLE BEAVER CR	MOUTH	HEADWATERS	BEAVER CR	7551	UNION	OR U		
BEAVER CR	LITTLE BEAVER CR	DRY BEAVER CR	GRANDE RONDE R	7552	UNION	OR A	4.3	4.3
DRY BEAVER CR	MOUTH	HEADWATERS	BEAVER CR	7553	UNION	OR A	3.7	3.7
BEAVER CR	DRY BEAVER CR	WATERMELON CR	GRANDE RONDE R	7554	UNION	OR A	0.5	0.5
WATERMELON CR	MOUTH	HEADWATERS	BEAVER CR	7555	UNION	OR U		
BEAVER CR	WATERMELON CR	HOODOO CR	GRANDE RONDE R	7556	UNION	OR A	0.5	0.5
HOODOO CR	MOUTH	HEADWATERS	BEAVER CR	7557	UNION	OR U		
BEAVER CR	HOODOO CR	BEAVER CR, W FK	GRANDE RONDE R	7558	UNION	OR A	0.5	0.5
BEAVER CR, W FK	MOUTH	HEADWATERS	BEAVER CR	7559	UNION	OR A	4.8	1.0
BEAVER CR	BEAVER CR, W FK	BEATTY CR	GRANDE RONDE R	7560	UNION	OR A	4.3	4.3
BEATTY CR	MOUTH	HEADWATERS	BEAVER CR	7561	UNION	OR U		
BEAVER CR	BEATTY CR	HEADWATERS	GRANDE RONDE R	7562	UNION	OR U	3.0	3.0
GRANDE RONDE R	BEAVER CR	MEADOW CR	SNAKE R	7563	UNION	OR A	1.2	1.2
MEADOW CR	MOUTH	DARK CANYON CR	GRANDE RONDE R	7564	UNION	OR A	0.3	0.3

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DARK CANYON CR	MOUTH	LITTLE DARK CANYON	MEADOW CR	7565	UNION	OR A	5.0 5.0
LITTLE DARK CANYON	MOUTH	HEADWATERS	DARK CANYON CR	7566	UNION	OR U	
DARK CANYON CR	LITTLE DARK CANYON	HEADWATERS	MEADOW CR	7567	UNION	OR A	4.4 1.3
MEADOW CR	DARK CANYON CR	MCCOY CR	GRANDE RONDE R	7568	UNION	OR A	1.6 1.6
MCCOY CR	MOUTH	MCINTYRE CR	MEADOW CR	7569	UNION	OR A	1.7 1.7
MCINTYRE CR	MOUTH	HEADWATERS	MCCOY CR	7570	UNION	OR U	5.7 5.7
MCCOY CR	MCINTYRE CR	SYRUP CR	MEADOW CR	7571	UNION	OR A	5.8 5.8
SYRUP CR	MOUTH	HEADWATERS	MCCOY CR	7572	UNION	OR U	
MCCOY CR	SYRUP CR	ENSIGN CR	MEADOW CR	7573	UNION	OR A	6.2 6.2
ENSIGN CR	MOUTH	JENNINGS CR	MCCOY CR	7574	UNION	OR A	3.0 3.0
JENNINGS CR	MOUTH	HEADWATERS	ENSIGN CR	7575	UNION	OR A	4.0 2.0
ENSIGN CR	JENNINGS CR	HEADWATERS	MCCOY CR	7576	UNION	OR U	1.8 1.8
MCCOY CR	ENSIGN CR	HEADWATERS	MEADOW CR	7577	UNION	OR A	4.0 2.8
MEADOW CR	MCCOY CR	MARLEY CR	GRANDE RONDE R	7578	UNION	OR A	3.2 3.2
MARLEY CR	MOUTH	HEADWATERS	MEADOW CR	7579	UNION	OR A	8.0 5.0
MEADOW CR	MARLEY CR	BURNT CORRAL CR	GRANDE RONDE R	7580	UNION	OR A	0.8 0.8
BURNT CORRAL CR	MOUTH	HEADWATERS	MEADOW CR	7581	UNION	OR A	9.0 8.1
MEADOW CR	BURNT CORRAL CR	BATTLE CR	GRANDE RONDE R	7582	UNION	OR A	0.8 0.8
BATTLE CR	MOUTH	HEADWATERS	MEADOW CR	7583	UNION	OR A	4.7 3.3
MEADOW CR	BATTLE CR	CAMPBELL CR	GRANDE RONDE R	7584	UNION	OR A	0.8 0.8
CAMPBELL CR	MOUTH	HEADWATERS	MEADOW CR	7585	UNION	OR U	
MEADOW CR	CAMPBELL CR	BEAR CR	GRANDE RONDE R	7586	UNION	OR A	0.8 0.8
BEAR CR	MOUTH	HEADWATERS	MEADOW CR	7587	UNION	OR A	8.3 4.0
MEADOW CR	BEAR CR	RAY CR	GRANDE RONDE R	7588	UNION	OR A	0.8 0.8
RAY CR	MOUTH	HEADWATERS	MEADOW CR	7589	UNION	OR U	
MEADOW CR	RAY CR	COUGAR CANYON	GRANDE RONDE R	7590	UNION	OR A	4.2 4.2
COUGAR CANYON	MOUTH	HEADWATERS	MEADOW CR	7591	UNION	OR U	
MEADOW CR	COUGAR CANYON	PEET CR	GRANDE RONDE R	7592	UNION	OR A	1.2 1.2
PEET CR	MOUTH	HEADWATERS	MEADOW CR	7593	UNION	OR A	5.0 5.0
MEADOW CR	PEET CR	WAUCUP CR	GRANDE RONDE R	7594	UNION	OR A	2.5 2.6
WAUCUP CR	MOUTH	HEADWATERS	MEADOW CR	7595	UMATILLA	OR A	6.6 6.0
WAUCUP CR	MOUTH	HEADWATERS	MEADOW CR	7596	UNION	OR A	6.6 6.0
MEADOW CR	WAUCUP CR	HEADWATERS	GRANDE RONDE R	7596	UMATILLA	OR A	6.2 3.7
MEADOW CR	WAUCUP CR	HEADWATERS	GRANDE RONDE R	7596	UNION	OR A	6.2 3.7
GRANDE RONDE R	MEADOW CR	WINTER CANYON	SNAKE R	7597	UNION	OR A	0.6 0.6
WINTER CANYON	MOUTH	HEADWATERS	GRANDE RONDE R	7598	UNION	OR U	
GRANDE RONDE R	WINTER CANYON	WARM SPRINGS CR	SNAKE R	7599	UNION	OR A	2.3 2.3
WARM SPRINGS CR	MOUTH	HEADWATERS	GRANDE RONDE R	7600	UNION	OR U	
GRANDE RONDE R	WARM SPRINGS CR	FLY CR	SNAKE R	7601	UNION	OR A	2.2 2.2
FLY CR	MOUTH	LITTLE FLY CR	GRANDE RONDE R	7602	UMATILLA	OR A	8.0 8.0
FLY CR	MOUTH	LITTLE FLY CR	GRANDE RONDE R	7602	UNION	OR A	8.0 8.0
LITTLE FLY CR	MOUTH	LOOKOUT CR	FLY CR	7603	UMATILLA	OR A	7.3 7.3
LOOKOUT CR	MOUTH	HEADWATERS	LITTLE FLY CR	7604	UMATILLA	OR A	6.6 5.7
LITTLE FLY CR	LOOKOUT CR	HEADWATERS	FLY CR	7605	UMATILLA	OR U	5.6 5.6
FLY CR	LITTLE FLY CR	SQUAW CR	GRANDE RONDE R	7606	UMATILLA	OR A	3.7 3.7
SQUAW CR	MOUTH	HEADWATERS	FLY CR	7607	UMATILLA	OR A	3.3 3.3
FLY CR	SQUAW CR	UMAPINE CR	GRANDE RONDE R	7608	UMATILLA	OR A	1.6 1.6
UMAPINE CR	MOUTH	HEADWATERS	FLY CR	7609	UMATILLA	OR A	2.4 0.6
FLY CR	UMAPINE CR	HEADWATERS	GRANDE RONDE R	7610	UMATILLA	OR A	1.2 0.8

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
GRANDE RONDE R	FLY CR	WHITEHORSE CR	SNAKE R	7611	UNION	OR A		1.0 1.0
WHITEHORSE CR	MOUTH	HEADWATERS	GRANDE RONDE R	7612	UNION	OR U		
GRANDE RONDE R	WHITEHORSE CR	SHEEP CR	SNAKE R	7613	UNION	OR A		8.4 8.4
SHEEP CR	MOUTH	DRY CR	GRANDE RONDE R	7614	UNION	OR A		0.4 0.4
DRY CR	MOUTH	HEADWATERS	SHEEP CR	7615	UNION	OR U		
SHEEP CR	DRY CR	CHICKEN CR	GRANDE RONDE R	7616	UNION	OR A		0.5 0.5
CHICKEN CR	MOUTH	INDIANA CR	SHEEP CR	7617	UNION	OR A		2.1 2.1
INDIANA CR	MOUTH	HEADWATERS	CHICKEN CR	7618	UNION	OR U		
CHICKEN CR	INDIANA CR	W CHICKEN CR	SHEEP CR	7619	UNION	OR A		2.6 2.6
W CHICKEN CR	MOUTH	HEADWATERS	CHICKEN CR	7620	UNION	OR A		5.3 4.5
CHICKEN CR	W CHICKEN CR	HEADWATERS	SHEEP CR	7621	UNION	OR A		2.9 2.5
SHEEP CR	CHICKEN CR	HEADWATERS	GRANDE RONDE R	7622	UNION	OR A		10.3 9.9
GRANDE RONDE R	SHEEP CR	LIMBER JIM CR	SNAKE R	7623	UNION	OR A		2.5 2.5
LIMBER JIM CR	MOUTH	LIMBER JIM CR, S FK	GRANDE RONDE R	7624	UNION	OR A		1.0 1.0
LIMBER JIM CR, S FK	MOUTH	HEADWATERS	LIMBER JIM CR	7625	UNION	OR U		
LIMBER JIM CR	LIMBER JIM CR, S FK	LIMBER JIM CR, N FK	GRANDE RONDE R	7626	UNION	OR A		1.0 1.0
LIMBER JIM CR, N FK	MOUTH	HEADWATERS	LIMBER JIM CR	7627	UNION	OR A		4.5 3.0
LIMBER JIM CR	LIMBER JIM CR, N FK	MARION CR	GRANDE RONDE R	7628	UNION	OR A		4.5 4.5
MARION CR	MOUTH	HEADWATERS	LIMBER JIM CR	7629	UNION	OR A		2.8 1.5
LIMBER JIM CR	MARION CR	HEADWATERS	GRANDE RONDE R	7630	UNION	OR U		1.4 1.4
GRANDE RONDE R	LIMBER JIM CR	MEADOWBROOK CR	SNAKE R	7631	UNION	OR A		0.6 0.6
MEADOWBROOK CR	MOUTH	HEADWATERS	GRANDE RONDE R	7632	UNION	OR U		
GRANDE RONDE R	MEADOWBROOK CR	CLEAR CR	SNAKE R	7633	UNION	OR A		2.1 2.1
CLEAR CR	MOUTH	HEADWATERS	GRANDE RONDE R	7634	UNION	OR U		
GRANDE RONDE R	CLEAR CR	MUIR CR	SNAKE R	7635	UNION	OR A		1.0 1.0
MUIR CR	MOUTH	HEADWATERS	GRANDE RONDE R	7636	UNION	OR A		3.0 1.3
GRANDE RONDE R	MUIR CR	GRANDE RONDE R, E FK	SNAKE R	7637	UNION	OR A		1.5 1.5
GRANDE RONDE R, E FK	MOUTH	HEADWATERS	GRANDE RONDE R	7638	UNION	OR A		3.7 1.5
GRANDE RONDE R	GRANDE RONDE R, E FK	TANNER GULCH	SNAKE R	7639	UNION	OR A		1.0 1.0
TANNER GULCH	MOUTH	HEADWATERS	GRANDE RONDE R	7640	UNION	OR U		
GRANDE RONDE R	TANNER GULCH	HEADWATERS	SNAKE R	7641	UNION	OR A		7.8 7.8

GRAYS

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
GRAYS R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	141	WAHIAKUM	WA A		4.7 4.7
GRAYS R	MOUTH	SEAL CR	COLUMBIA R	142	WAHIAKUM	WA A		1.6 1.6
SEAL CR	MOUTH	MALONE CR	GRAYS R	143	WAHIAKUM	WA U		
MALONE CR	MOUTH	HEADWATERS	SEAL CR	144	WAHIAKUM	WA U		
SEAL CR	MALONE CR	HEADWATERS	GRAYS R	145	WAHIAKUM	WA U		
GRAYS R	SEAL CR	HULL CR	COLUMBIA R	146	WAHIAKUM	WA A		4.6 4.6
HULL CR	MOUTH	HEADWATERS	GRAYS R	147	PACIFIC	WA A		7.4 2.4
HULL CR	MOUTH	HEADWATERS	GRAYS R	147	WAHIAKUM	WA A		7.4 2.4
GRAYS R	HULL CR	FOSSIL CR	COLUMBIA R	148	WAHIAKUM	WA A		3.4 3.4
FOSSIL CR	MOUTH	HEADWATERS	GRAYS R	149	WAHIAKUM	WA A		4.0 2.0
GRAYS R	FOSSIL CR	GRAYS R, W FK	COLUMBIA R	150	WAHIAKUM	WA A		1.3 1.3
GRAYS R, W FK	MOUTH	SEIGLER CR	GRAYS R	151	PACIFIC	WA A		3.3 3.3
GRAYS R, W FK	MOUTH	SEIGLER CR	GRAYS R	151	WAHIAKUM	WA A		3.3 3.3
SEIGLER CR	MOUTH	HEADWATERS	GRAYS R, W FK	152	PACIFIC	WA U		
GRAYS R, W FK	SEIGLER CR	HEADWATERS	GRAYS R	153	PACIFIC	WA A		2.8 1.3
GRAYS R	GRAYS R, W FK	GRAYS R, S FK	COLUMBIA R	154	PACIFIC	WA A		4.8 4.8
GRAYS R	GRAYS R, W FK	GRAYS R, S FK	COLUMBIA R	154	WAHIAKUM	WA A		4.8 4.8
GRAYS R, S FK	MOUTH	BLANEY CR	GRAYS R	155	PACIFIC	WA A		0.8 0.8
GRAYS R, S FK	MOUTH	BLANEY CR	GRAYS R	155	WAHIAKUM	WA A		0.8 0.8
BLANEY CR	MOUTH	HEADWATERS	GRAYS R, S FK	156	PACIFIC	WA U		
GRAYS R, S FK	BLANEY CR	HEADWATERS	GRAYS R	157	PACIFIC	WA A		8.6 6.3
GRAYS R	GRAYS R, S FK	ALDER CR	COLUMBIA R	158	PACIFIC	WA A		3.4 3.4
ALDER CR	MOUTH	HEADWATERS	GRAYS R	159	PACIFIC	WA U		
GRAYS R	ALDER CR	GRAYS R, E FK	COLUMBIA R	160	PACIFIC	WA A		0.6 0.6
GRAYS R, E FK	MOUTH	HEADWATERS	GRAYS R	161	PACIFIC	WA A		5.0 5.0
GRAYS R	GRAYS R, E FK	JOHNSON CR	COLUMBIA R	162	PACIFIC	WA A		2.0 2.0
JOHNSON CR	MOUTH	HEADWATERS	GRAYS R	163	PACIFIC	WA A		1.5 0.7
GRAYS R	JOHNSON CR	HEADWATERS	COLUMBIA R	164	PACIFIC	WA A		5.2 5.0

KALAMA

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
KALAMA R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	630	COWLITZ	WA A		0.2 0.2
KALAMA R	MOUTH	HATCHERY CR	COLUMBIA R	631	CLARK	WA A		2.2 2.2
KALAMA R	MOUTH	HATCHERY CR	COLUMBIA R	631	COWLITZ	WA A		2.2 2.2
HATCHERY CR	MOUTH	HEADWATERS	KALAMA R	632	COWLITZ	WA A		5.5 0.5
KALAMA R	HATCHERY CR	INDIAN CR	COLUMBIA R	633	COWLITZ	WA A		3.0 3.0
INDIAN CR	MOUTH	HEADWATERS	KALAMA R	634	COWLITZ	WA U		2.8 2.8
KALAMA R	INDIAN CR	LITTLE KALAMA R	COLUMBIA R	635	COWLITZ	WA A		6.0 6.0
LITTLE KALAMA R	MOUTH	HEADWATERS	KALAMA R	636	COWLITZ	WA A		4.7 2.0
KALAMA R	LITTLE KALAMA R	WILD HORSE CR	COLUMBIA R	637	COWLITZ	WA A		6.0 6.0
WILD HORSE CR	MOUTH	HEADWATERS	KALAMA R	638	COWLITZ	WA A		6.1 6.1
KALAMA R	WILD HORSE CR	GOBAR CR	COLUMBIA R	639	COWLITZ	WA A		1.0 1.0
GOBAR CR	MOUTH	HEADWATERS	KALAMA R	640	COWLITZ	WA A		6.6 6.6
KALAMA R	GOBAR CR	ARNOLD CR	COLUMBIA R	641	COWLITZ	WA A		1.1 1.1
ARNOLD CR	MOUTH	HEADWATERS	KALAMA R	642	COWLITZ	WA U		
KALAMA R	ARNOLD CR	ELK CR	COLUMBIA R	643	COWLITZ	WA A		5.6 5.6
ELK CR	MOUTH	HEADWATERS	KALAMA R	644	COWLITZ	WA U		5.5 5.5
KALAMA R	ELK CR	KALAMA R, N FK	COLUMBIA R	645	COWLITZ	WA A		7.9 7.9
KALAMA R, N FK	MOUTH	HEADWATERS	KALAMA R	646	COWLITZ	WA A		3.8 3.8
KALAMA R	KALAMA R, N FK	FOSSIL CR	COLUMBIA R	647	COWLITZ	WA A		4.1 4.1
FOSSIL CR	MOUTH	HEADWATERS	KALAMA R	648	COWLITZ	WA U		6.3 6.3
KALAMA R	FOSSIL CR	HEADWATERS	COLUMBIA R	649	COWLITZ	WA A		5.3 5.3

KLICKITAT

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
KLINKITAT R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	3887	KLINKITAT	WA A	0.5 0.5
KLINKITAT R	MOUTH	SNYDER CANYON	COLUMBIA R	3888	KLINKITAT	WA A	14.4 14.4
SNYDER CANYON	MOUTH	SIMMONS CR	KLINKITAT R	3889	KLINKITAT	WA U	4.8 4.8
SIMMONS CR	MOUTH	HEADWATERS	SNYDER CANYON	3890	KLINKITAT	WA U	6.0 6.0
SNYDER CANYON	SIMMONS CR	HEADWATERS	KLINKITAT R	3891	KLINKITAT	WA U	3.2 3.2
KLINKITAT R	SNYDER CANYON	SWALE CR	COLUMBIA R	3892	KLINKITAT	WA A	3.0 3.0
SWALE CR	MOUTH	HEADWATERS	KLINKITAT R	3893	KLINKITAT	WA A	31.7 25.0
KLINKITAT R	SWALE CR	LITTLE KLINKITAT R	COLUMBIA R	3894	KLINKITAT	WA A	2.2 2.2
LITTLE KLINKITAT R	MOUTH	BOWMAN CR	KLINKITAT R	3895	KLINKITAT	WA A	1.1 1.1
BOWMAN CR	MOUTH	CANYON CR	LITTLE KLINKITAT R	3896	KLINKITAT	WA A	0.8 0.8
CANYON CR	MOUTH	HEADWATERS	BOWMAN CR	3897	KLINKITAT	WA U	10.1 10.1
BOWMAN CR	CANYON CR	HEADWATERS	LITTLE KLINKITAT R	3898	KLINKITAT	WA A	18.7 15.0
LITTLE KLINKITAT R	BOWMAN CR	MILL CR	KLINKITAT R	3899	KLINKITAT	WA A	1.9 1.9
MILL CR	MOUTH	HEADWATERS	LITTLE KLINKITAT R	3900	KLINKITAT	WA A	15.7 0.9
LITTLE KLINKITAT R	MILL CR	UNNAMED	KLINKITAT R	3901	KLINKITAT	WA A	4.3 4.3
UNNAMED	MOUTH	HEADWATERS	LITTLE KLINKITAT R	3902	KLINKITAT	WA U	10.9 10.9
LITTLE KLINKITAT R	UNNAMED	UNNAMED	KLINKITAT R	3903	KLINKITAT	WA A	10.2 10.2
UNNAMED	MOUTH	HEADWATERS	LITTLE KLINKITAT R	3904	KLINKITAT	WA U	7.3 7.3
LITTLE KLINKITAT R	UNNAMED	LITTLE KLINKITAT R,	KLINKITAT R	3905	KLINKITAT	WA A	7.4 7.4
LITTLE KLINKITAT R, E PRO	MOUTH	UNNAMED	LITTLE KLINKITAT R	3906	KLINKITAT	WA A	0.1 0.1
UNNAMED	MOUTH	HEADWATERS	LITTLE KLINKITAT R,	3907	KLINKITAT	WA U	9.8 9.8
LITTLE KLINKITAT R, E PRO	UNNAMED	UNNAMED	LITTLE KLINKITAT R,	3908	KLINKITAT	WA A	2.9 2.9
UNNAMED	MOUTH	HEADWATERS	LITTLE KLINKITAT R,	3909	KLINKITAT	WA U	6.3 6.3
LITTLE KLINKITAT R, E PRO	UNNAMED	HEADWATERS	LITTLE KLINKITAT R	3910	KLINKITAT	WA U	4.0 4.0
LITTLE KLINKITAT R, W PRO	MOUTH	HEADWATERS	LITTLE KLINKITAT R	3911	KLINKITAT	WA U	7.7 7.7
KLINKITAT R	LITTLE KLINKITAT R	DEAD CANYON	COLUMBIA R	3912	KLINKITAT	WA A	11.4 11.4
DEAD CANYON	MOUTH	HEADWATERS	KLINKITAT R	3913	KLINKITAT	WA U	7.2 7.2
KLINKITAT R	DEAD CANYON	SUMMIT CR	COLUMBIA R	3914	KLINKITAT	WA A	5.8 5.8
SUMMIT CR	MOUTH	HEADWATERS	KLINKITAT R	3915	KLINKITAT	WA A	13.7 13.7
SUMMIT CR	MOUTH	HEADWATERS	KLINKITAT R	3915	YAKIMA	WA A	13.7 13.7
KLINKITAT R	SUMMIT CR	WHITE CR	COLUMBIA R	3916	KLINKITAT	WA A	2.1 2.1
WHITE CR	MOUTH	BRUSH CR	KLINKITAT R	3917	KLINKITAT	WA A	5.1 5.0
WHITE CR	MOUTH	BRUSH CR	KLINKITAT R	3917	YAKIMA	WA A	5.1 5.0
BRUSH CR	MOUTH	HEADWATERS	WHITE CR	3918	YAKIMA	WA U	14.3 14.3
WHITE CR	BRUSH CR	HEADWATERS	KLINKITAT R	3919	YAKIMA	WA U	15.9 15.9
KLINKITAT R	WHITE CR	OUTLET CR	COLUMBIA R	3920	KLINKITAT	WA A	0.4 0.4
KLINKITAT R	WHITE CR	OUTLET CR	COLUMBIA R	3920	YAKIMA	WA A	0.4 0.4
OUTLET CR	MOUTH	OUTLET CREEK L	KLINKITAT R	3921	KLINKITAT	WA U	3.0 3.0
OUTLET CR	OUTLET CREEK L	LAKE INTERIOR REACH	KLINKITAT R	3922	KLINKITAT	WA U	0.0 0.0
KLINKITAT R	OUTLET CR	HEADWATERS	KLINKITAT R	3923	KLINKITAT	WA U	9.0 9.0
TROUT CR	OUTLET CR	TROUT CR	COLUMBIA R	3924	KLINKITAT	WA A	3.4 3.4
TROUT CR	MOUTH	HEADWATERS	KLINKITAT R	3925	KLINKITAT	WA A	12.4 6.9
TROUT CR	MOUTH	HEADWATERS	KLINKITAT R	3925	YAKIMA	WA A	12.4 6.9
KLINKITAT R	TROUT CR	DAIRY CR	COLUMBIA R	3926	KLINKITAT	WA A	8.4 8.4
KLINKITAT R	TROUT CR	DAIRY CR	COLUMBIA R	3926	YAKIMA	WA A	8.4 8.4
DAIRY CR	MOUTH	HEADWATERS	KLINKITAT R	3927	KLINKITAT	WA U	5.4 5.4
KLINKITAT R	DAIRY CR	BIG MUDDY CR	COLUMBIA R	3928	KLINKITAT	WA A	2.0 2.0
BIG MUDDY CR	MOUTH	HELLROARING CR	KLINKITAT R	3929	YAKIMA	WA U	4.3 4.3
HELLROARING CR	MOUTH	HEADWATERS	BIG MUDDY CR	3930	YAKIMA	WA U	4.2 4.2

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
BIG MUDDY CR	HELLROARING CR	HEADWATERS	KCLICKITAT R	3931	YAKIMA	WA U	6.0 6.0
KCLICKITAT R	BIG MUDDY CR	SURVEYORS CR	COLUMBIA R	3932	YAKIMA	WA A	4.9 4.9
SURVEYORS CR	MOUTH	HEADWATERS	KCLICKITAT R	3933	YAKIMA	WA A	7.7 4.0
KCLICKITAT R	SURVEYORS CR	SODA SPRINGS CR	COLUMBIA R	3934	YAKIMA	WA A	2.6 2.6
SODA SPRINGS CR	MOUTH	HEADWATERS	KCLICKITAT R	3935	YAKIMA	WA U	4.0 4.0
KCLICKITAT R	SODA SPRINGS CR	KCLICKITAT R, W FK	COLUMBIA R	3936	YAKIMA	WA A	2.2 2.2
KCLICKITAT R, W FK	MOUTH	FISH LAKE STREAM	KCLICKITAT R	3937	YAKIMA	WA A	4.7 4.7
FISH LAKE STREAM	MOUTH	HEADWATERS	KCLICKITAT R, W FK	3938	YAKIMA	WA A	10.8 9.0
LITTLE MUDDY CR	MOUTH	CLEARWATER CR	KCLICKITAT R, W FK	3939	YAKIMA	WA A	1.8 1.0
CLEARWATER CR	MOUTH	HEADWATERS	LITTLE MUDDY CR	3940	YAKIMA	WA U	10.0 10.0
LITTLE MUDDY CR	CLEARWATER CR	HEADWATERS	KCLICKITAT R, W FK	3941	YAKIMA	WA U	6.3 6.3
KCLICKITAT R	KCLICKITAT R, W FK	SWAMP CR	COLUMBIA R	3942	YAKIMA	WA A	1.1 1.1
SWAMP CR	MOUTH	HEADWATERS	KCLICKITAT R	3943	YAKIMA	WA U	4.0 4.0
KCLICKITAT R	SWAMP CR	MCCREEDY CR	COLUMBIA R	3944	YAKIMA	WA A	5.9 5.9
MCCREEDY CR	MOUTH	MCCREEDY CR, E FK	KCLICKITAT R	3945	YAKIMA	WA A	0.6 0.6
MCCREEDY CR, E FK	MOUTH	HEADWATERS	MCCREEDY CR	3946	YAKIMA	WA U	3.4 3.4
KCLICKITAT R	MCCREEDY CR, E FK	HEADWATERS	KCLICKITAT R	3947	YAKIMA	WA U	4.1 4.1
PISCOE CR	MCCREEDY CR	PISCOE CR	COLUMBIA R	3948	YAKIMA	WA A	4.3 4.3
KCLICKITAT R	MOUTH	HEADWATERS	KCLICKITAT R	3949	YAKIMA	WA A	5.6 5.6
KCLICKITAT R, DIAMOND FK	PISCOE CR	DIAMOND FK	COLUMBIA R	3950	YAKIMA	WA A	1.5 1.5
CUITIN CR	MOUTH	CUITIN CR	KCLICKITAT R	3951	YAKIMA	WA A	9.0 9.0
DIAMOND FK	MOUTH	HEADWATERS	DIAMOND FK	3952	YAKIMA	WA U	2.3 2.3
KCLICKITAT R	CUITIN CR	HEADWATERS	KCLICKITAT R	3953	YAKIMA	WA A	4.2 4.2
	DIAMOND FK	HEADWATERS	COLUMBIA R	3954	YAKIMA	WA A	14.5 12.5

LAKE_CHELAN

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
CHELAN R	MOUTH	L CHELAN	COLUMBIA R	12276	CHELAN	WA U	4.8 4.8
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12277	CHELAN	WA U	0.0 0.0
FIRST CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12278	CHELAN	WA U	8.0 8.0
FIRST CR	L CHELAN	HEADWATERS	CHELAN R	12279	CHELAN	WA U	6.5 6.5
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12280	CHELAN	WA U	18.2 18.2
TWENTYFIVE MILE CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12281	CHELAN	WA U	1.0 1.0
TWENTYFIVE MILE CR	L CHELAN	TWENTYFIVE MILE CR,	CHELAN R	12282	CHELAN	WA U	3.1 3.1
TWENTYFIVE MILE CR, N FK	MOUTH	HEADWATERS	TWENTYFIVE MILE CR	12283	CHELAN	WA U	5.8 5.8
TWENTYFIVE MILE CR	TWENTYFIVE MILE CR,	HEADWATERS	CHELAN R	12284	CHELAN	WA U	5.7 5.7
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12285	CHELAN	WA U	7.1 7.1
SAFETY HARBOR CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12286	CHELAN	WA U	9.2 9.2
SAFETY HARBOR CR	L CHELAN	HEADWATERS	CHELAN R	12287	CHELAN	WA U	9.2 9.2
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12288	CHELAN	WA U	10.9 10.9
PRINCE CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12289	CHELAN	WA U	2.1 2.1
PRINCE CR	L CHELAN	PRINCE CR, E FK	CHELAN R	12290	CHELAN	WA U	2.8 2.8
PRINCE CR, E FK	MOUTH	HEADWATERS	PRINCE CR	12291	CHELAN	WA U	4.4 4.4
PRINCE CR	PRINCE CR, E FK	HEADWATERS	CHELAN R	12292	CHELAN	WA U	5.0 5.0
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12293	CHELAN	WA U	1.8 1.8
DOMKE FALLS	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12294	CHELAN	WA U	0.4 0.4
DOMKE FALLS	L CHELAN	HEADWATERS	CHELAN R	12295	CHELAN	WA U	2.0 2.0
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12296	CHELAN	WA U	3.9 3.9
RAILROAD CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12297	CHELAN	WA U	0.7 0.7
RAILROAD CR	L CHELAN	BURN CR	CHELAN R	12298	CHELAN	WA U	2.2 2.2
BURN CR	MOUTH	HEADWATERS	RAILROAD CR	12299	CHELAN	WA U	1.9 1.9
RAILROAD CR	BURN CR	TENMILE CR	CHELAN R	12300	CHELAN	WA U	2.8 2.8
TENMILE CR	MOUTH	HEADWATERS	RAILROAD CR	12301	CHELAN	WA U	3.8 3.8
RAILROAD CR	TENMILE CR	COPPER CR	CHELAN R	12302	CHELAN	WA W	1.2 1.2
COPPER CR	MOUTH	HEADWATERS	RAILROAD CR	12303	CHELAN	WA U	2.4 2.4
RAILROAD CR	COPPER CR	BIG CR	CHELAN R	12304	CHELAN	WA U	1.5 1.5
BIG CR	MOUTH	HEADWATERS	RAILROAD CR	12305	CHELAN	WA U	3.8 3.8
RAILROAD CR	BIG CR	HOLDEN CR	CHELAN R	12306	CHELAN	WA U	1.2 1.2
HOLDEN CR	MOUTH	HEADWATERS	RAILROAD CR	12307	CHELAN	WA U	2.0 2.0
RAILROAD CR	HOLDEN CR	HEADWATERS	CHELAN R	12308	CHELAN	WA U	1.6 1.6
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12309	CHELAN	WA U	3.3 3.3
FISH CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12310	CHELAN	WA U	1.7 1.7
FISH CR	L CHELAN	HEADWATERS	CHELAN R	12311	CHELAN	WA U	9.1 9.1
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12312	CHELAN	WA U	1.9 1.9
RIDDLE CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12313	CHELAN	WA U	0.2 0.2
RIDDLE CR	L CHELAN	HEADWATERS	CHELAN R	12314	CHELAN	WA U	5.4 5.4
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12315	CHELAN	WA U	2.1 2.1
CASTLE CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12316	CHELAN	WA U	0.5 0.5
CASTLE CR	L CHELAN	HEADWATERS	CHELAN R	12317	CHELAN	WA U	5.4 5.4
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12318	CHELAN	WA U	2.0 2.0
DEVORE CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12319	CHELAN	WA U	0.7 0.7
DEVORE CR	L CHELAN	HEADWATERS	CHELAN R	12320	CHELAN	WA U	7.1 7.1
CHELAN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12321	CHELAN	WA U	0.4 0.4
STEHEKIN R	L CHELAN	LAKE INTERIOR REACH	COLUMBIA R	12322	CHELAN	WA U	0.7 0.7
STEHEKIN R	MOUTH	BOULDER CR	CHELAN R	12323	CHELAN	WA U	1.1 1.1
BOULDER CR	MOUTH	HEADWATERS	STEHEKIN R	12324	CHELAN	WA U	6.8 6.8

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
STEHEKIN R	BOULDER CR	RAINBOW CR	CHELAN R	12325	CHELAN	WA U		0.9 0.9
RAINBOW CR	MOUTH	HEADWATERS	STEHEKIN R	12326	CHELAN	WA U		7.5 7.5
STEHEKIN R	RAINBOW CR	COMPANY CR	CHELAN R	12327	CHELAN	WA U		1.7 1.7
COMPANY CR	MOUTH	HEADWATERS	STEHEKIN R	12328	CHELAN	WA U		10.2 10.2
STEHEKIN R	COMPANY CR	AGNES CR	CHELAN R	12329	CHELAN	WA W		6.2 6.2
AGNES CR	MOUTH	PASS CR	STEHEKIN R	12330	CHELAN	WA U		4.9 4.9
PASS CR	MOUTH	HEADWATERS	AGNES CR	12331	CHELAN	WA U		4.8 4.8
AGNES CR	PASS CR	AGNES CR, S FK	STEHEKIN R	12332	CHELAN	WA U		0.8 0.8
AGNES CR, W FK	MOUTH	HEADWATERS	AGNES CR	12333	CHELAN	WA U		6.4 6.4
AGNES CR, S FK	MOUTH	SWAMP CR	AGNES CR	12334	CHELAN	WA U		2.4 2.4
SWAMP CR	MOUTH	HEADWATERS	AGNES CR, S FK	12335	CHELAN	WA U		4.0 4.0
AGNES CR, S FK	SWAMP CR	SPRUCE CR	AGNES CR	12336	CHELAN	WA U		1.3 1.3
SPRUCE CR	MOUTH	HEADWATERS	AGNES CR, S FK	12337	CHELAN	WA U		4.5 4.5
AGNES CR, S FK	SPRUCE CR	GLACIER CR	AGNES CR	12338	CHELAN	WA U		3.3 3.3
GLACIER CR	MOUTH	HEADWATERS	AGNES CR, S FK	12339	CHELAN	WA U		2.5 2.5
AGNES CR, S FK	GLACIER CR	HEADWATERS	AGNES CR	12340	CHELAN	WA U		2.6 2.6
STEHEKIN R	AGNES CR	BRIDGE CR	CHELAN R	12341	CHELAN	WA U		4.5 4.5
BRIDGE CR	MOUTH	BRIDGE CR, N FK	STEHEKIN R	12342	CHELAN	WA U		3.1 3.1
BRIDGE CR, N FK	MOUTH	HEADWATERS	BRIDGE CR	12343	CHELAN	WA U		6.5 6.5
BRIDGE CR	BRIDGE CR, N FK	MAPLE CR	STEHEKIN R	12344	CHELAN	WA U		2.8 2.8
MAPLE CR	MOUTH	HEADWATERS	BRIDGE CR	12345	CHELAN	WA U		4.5 4.5
BRIDGE CR	MAPLE CR	BRIDGE CR, S FK	STEHEKIN R	12346	CHELAN	WA U		1.0 1.0
BRIDGE CR, S FK	MOUTH	HEADWATERS	BRIDGE CR	12347	CHELAN	WA U		5.7 5.7
BRIDGE CR	BRIDGE CR, S FK	HEADWATERS	STEHEKIN R	12348	CHELAN	WA U		8.3 8.3
STEHEKIN R	BRIDGE CR	PARK CR	CHELAN R	12349	CHELAN	WA U		2.4 2.4
PARK CR	MOUTH	HEADWATERS	STEHEKIN R	12350	CHELAN	WA U		7.0 7.0
STEHEKIN R	PARK CR	FLAT CR	CHELAN R	12351	CHELAN	WA U		0.5 0.5
FLAT CR	MOUTH	HEADWATERS	STEHEKIN R	12352	CHELAN	WA U		8.4 8.4
STEHEKIN R	FLAT CR	HEADWATERS	CHELAN R	12353	CHELAN	WA U		7.8 7.8
BOULDER CR	L CHELAN	LAKE INTERIOR REACH	CHELAN R	12354	CHELAN	WA U		0.4 0.4
BOULDER CR	L CHELAN	HEADWATERS	CHELAN R	12355	CHELAN	WA U		6.8 6.8

LEWIS

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
LEWIS R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	678	CLARK	WA A	1.7 1.7
LEWIS R	COLUMBIA R	WIDE RIVER INTERIOR	COLUMBIA R	678	COWLITZ	WA A	1.7 1.7
LEWIS R	MOUTH	LEWIS R, E FK	COLUMBIA R	679	CLARK	WA A	3.7 3.7
LEWIS R	MOUTH	LEWIS R, E FK	COLUMBIA R	679	COWLITZ	WA A	3.7 3.7
LEWIS R, E FK	MOUTH	BREEZE CR	LEWIS R	680	CLARK	WA A	1.9 1.9
BREEZE CR	MOUTH	HEADWATERS	LEWIS R, E FK	681	CLARK	WA A	3.0 2.4
LEWIS R, E FK	BREEZE CR	LOCKWOOD CR	LEWIS R	682	CLARK	WA A	1.9 1.9
LOCKWOOD CR	MOUTH	RILEY CR	LEWIS R, E FK	683	CLARK	WA U	
RILEY CR	MOUTH	HEADWATERS	LOCKWOOD CR	684	CLARK	WA U	
LOCKWOOD CR	RILEY CR	HEADWATERS	LEWIS R, E FK	685	CLARK	WA U	
LEWIS R, E FK	LOCKWOOD CR	MASON CR	LEWIS R	686	CLARK	WA A	1.1 1.1
MASON CR	MOUTH	HEADWATERS	LEWIS R, E FK	687	CLARK	WA A	8.0 8.0
LEWIS R, E FK	MASON CR	BIG TREE CR	LEWIS R	688	CLARK	WA A	14.6 14.6
BIG TREE CR	MOUTH	HEADWATERS	LEWIS R, E FK	689	CLARK	WA A	5.1 4.3
LEWIS R, E FK	BIG TREE CR	ROCK CR	LEWIS R	690	CLARK	WA A	1.0 1.0
ROCK CR	MOUTH	HEADWATERS	LEWIS R, E FK	691	CLARK	WA A	11.2 6.7
LEWIS R, E FK	ROCK CR	COPPER CR	LEWIS R	692	CLARK	WA A	8.8 8.8
LEWIS R, E FK	ROCK CR	COPPER CR	LEWIS R	692	SKAMANIA	WA A	8.8 8.8
COPPER CR	MOUTH	HEADWATERS	LEWIS R, E FK	693	CLARK	WA A	6.3 0.3
LEWIS R, E FK	COPPER CR	SNASS CR	LEWIS R	694	CLARK	WA A	2.0 2.0
SNASS CR	MOUTH	HEADWATERS	LEWIS R, E FK	695	CLARK	WA A	1.6 1.6
LEWIS R, E FK	SNASS CR	SLIDE CR	LEWIS R	696	CLARK	WA A	1.7 1.7
SLIDE CR	MOUTH	HEADWATERS	LEWIS R, E FK	697	CLARK	WA A	3.3 3.0
LEWIS R, E FK	SLIDE CR	MCKINLEY CR	LEWIS R	698	CLARK	WA A	1.2 1.2
MCKINLEY CR	MOUTH	HEADWATERS	LEWIS R, E FK	699	CLARK	WA A	2.4 1.4
LEWIS R, E FK	MCKINLEY CR	LITTLE CR	LEWIS R	700	CLARK	WA A	1.2 1.2
LITTLE CR	MOUTH	HEADWATERS	LEWIS R, E FK	701	CLARK	WA A	2.4 0.8
LEWIS R, E FK	LITTLE CR	GREEN CR	LEWIS R	702	CLARK	WA A	1.5 1.5
GREEN CR	MOUTH	HEADWATERS	LEWIS R, E FK	703	CLARK	WA A	3.5 3.5
LEWIS R, E FK	GREEN CR	POISON GULCH	LEWIS R	704	CLARK	WA A	1.2 1.2
POISON GULCH	MOUTH	HEADWATERS	LEWIS R, E FK	705	CLARK	WA A	2.2 2.2
LEWIS R, E FK	POISON GULCH	HEADWATERS	LEWIS R	706	CLARK	WA U	1.2 1.2
LEWIS R	LEWIS R, E FK	JOHNSON CR	COLUMBIA R	707	CLARK	WA A	11.0 11.0
LEWIS R	LEWIS R, E FK	JOHNSON CR	COLUMBIA R	707	COWLITZ	WA A	11.0 11.0
JOHNSON CR	MOUTH	HEADWATERS	LEWIS R	708	CLARK	WA A	4.3 4.3
LEWIS R	JOHNSON CR	CEDAR CR	COLUMBIA R	709	CLARK	WA A	1.8 1.8
CEDAR CR	MOUTH	JOHN CR	LEWIS R	710	CLARK	WA A	8.5 8.5
CEDAR CR	MOUTH	JOHN CR	LEWIS R	710	COWLITZ	WA A	8.5 8.5
JOHN CR	MOUTH	HEADWATERS	CEDAR CR	711	CLARK	WA A	2.5 2.5
CEDAR CR	JOHN CR	CHELATCHIE CR	LEWIS R	712	CLARK	WA A	4.3 4.3
CHELATCHIE CR	MOUTH	CHELATCHIE CR, N FK	CEDAR CR	713	CLARK	WA A	5.5 5.5
CHELATCHIE CR, N FK	MOUTH	HEADWATERS	CHELATCHIE CR	714	CLARK	WA A	2.5 2.5
CHELATCHIE CR, S FK	MOUTH	HEADWATERS	CHELATCHIE CR	715	CLARK	WA A	5.3 5.3
CEDAR CR	CHELATCHIE CR	HEADWATERS	LEWIS R	716	CLARK	WA A	7.7 7.7
LEWIS R	CEDAR CR	L MERWIN	COLUMBIA R	717	COWLITZ	WA A	3.6 3.6
LEWIS R	L MERWIN	LAKE INTERIOR REACH	COLUMBIA R	718	CLARK	WA A	8.5 8.5
LEWIS R	L MERWIN	LAKE INTERIOR REACH	COLUMBIA R	718	COWLITZ	WA A	8.5 8.5
SPEELYAI CR	L MERWIN	LAKE INTERIOR REACH	LEWIS R	719	CLARK	WA U	1.2 1.2
SPEELYAI CR	L MERWIN	HEADWATERS	LEWIS R	720	COWLITZ	WA W	9.9 9.9

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
LEWIS R	L MERWIN	LAKE INTERIOR REACH	COLUMBIA R	721	CLARK	WA A		2.0 2.0
LEWIS R	L MERWIN	CANYON CR	COLUMBIA R	722	COWLITZ	WA A		2.0 2.0
CANYON CR	MOUTH	BIG ROCK CR	LEWIS R	723	CLARK	WA F		3.0 3.0
CANYON CR	MOUTH	BIG ROCK CR	LEWIS R	723	COWLITZ	WA F		3.0 3.0
FLY CR	MOUTH	HEADWATERS	CANYON CR	724	CLARK	WA W		6.5 6.5
CANYON CR	BIG ROCK CR	BIG ROCK CR	LEWIS R	725	CLARK	WA F		5.2 5.2
CANYON CR	BIG ROCK CR	BIG ROCK CR	LEWIS R	725	SKAMANIA	WA F		5.2 5.2
BIG ROCK CR	MOUTH	HEADWATERS	CANYON CR	726	CLARK	WA U		5.2 5.2
CANYON CR	BIG ROCK CR	HEADWATERS	LEWIS R	727	CLARK	WA F		8.0 8.0
LEWIS R	CANYON CR	YALE L	COLUMBIA R	728	CLARK	WA A		0.9 0.9
LEWIS R	CANYON CR	YALE L	COLUMBIA R	728	COWLITZ	WA A		0.9 0.9
LEWIS R	YALE L	LAKE INTERIOR REACH	COLUMBIA R	729	CLARK	WA A		7.3 2.8
SIUXON CR	YALE L	LAKE INTERIOR REACH	LEWIS R	730	CLARK	WA U		5.5 5.5
SIUXON CR	YALE L	NORTH SIUXON CR	LEWIS R	731	CLARK	WA F		3.2 3.2
SIUXON CR	YALE L	NORTH SIUXON CR	LEWIS R	731	COWLITZ	WA F		3.2 3.2
SIUXON CR	YALE L	NORTH SIUXON CR	LEWIS R	731	SKAMANIA	WA F		3.2 3.2
N SIUXON CR	MOUTH	HEADWATERS	SIUXON CR	732	CLARK	WA W		4.0 4.0
SIUXON CR	NORTH SIUXON CR	HEADWATERS	LEWIS R	733	CLARK	WA F		9.3 9.3
LEWIS R	YALE L	LAKE INTERIOR REACH	COLUMBIA R	734	CLARK	WA U		0.1 0.1
LEWIS R	YALE L	SWIFT RES	COLUMBIA R	735	CLARK	WA U		3.8 3.8
LEWIS R	YALE L	SWIFT RES	COLUMBIA R	735	COWLITZ	WA U		3.8 3.8
LEWIS R	YALE L	SWIFT RES	COLUMBIA R	735	SKAMANIA	WA U		3.8 3.8
LEWIS R	SWIFT RES	LAKE INTERIOR REACH	COLUMBIA R	736	CLARK	WA U		1.5 1.5
SWIFT CR	SWIFT RES	LAKE INTERIOR REACH	LEWIS R	737	CLARK	WA U		0.0 0.0
SWIFT CR	SWIFT RES	HEADWATERS	LEWIS R	738	SKAMANIA	WA U		7.1 7.1
LEWIS R	SWIFT RES	LAKE INTERIOR REACH	COLUMBIA R	739	CLARK	WA U		8.5 8.5
LEWIS R	SWIFT RES	PINE CR	COLUMBIA R	740	SKAMANIA	WA U		0.9 0.9
PINE CR	MOUTH	HEADWATERS	LEWIS R	741	SKAMANIA	WA W		12.1 12.1
LEWIS R	PINE CR	MUDDY R	COLUMBIA R	742	SKAMANIA	WA W		0.5 0.5
MUDDY R	MOUTH	CLEAR CR	LEWIS R	743	SKAMANIA	WA W		4.3 4.3
CLEAR CR	MOUTH	ELK CR	MUDDY R	744	SKAMANIA	WA F		10.1 10.1
ELK CR	MOUTH	HEADWATERS	CLEAR CR	745	SKAMANIA	WA U		3.8 3.8
CLEAR CR	ELK CR	HEADWATERS	MUDDY R	746	SKAMANIA	WA U		3.1 3.1
MUDDY R	CLEAR CR	CLEARWATER CR	LEWIS R	747	SKAMANIA	WA W		5.0 5.0
CLEARWATER CR	MOUTH	BEAN CR	MUDDY R	748	SKAMANIA	WA W		4.5 4.5
BEAN CR	MOUTH	HEADWATERS	CLEARWATER CR	749	SKAMANIA	WA U		5.1 5.1
CLEARWATER CR	BEAN CR	HEADWATERS	MUDDY R	750	SKAMANIA	WA W		7.3 7.3
MUDDY R	CLEARWATER CR	MUDDY CR	LEWIS R	751	SKAMANIA	WA U		5.6 5.6
MUDDY CR	MOUTH	HEADWATERS	MUDDY R	752	SKAMANIA	WA U		6.4 6.4
SMITH CR	MOUTH	HEADWATERS	MUDDY R	753	SKAMANIA	WA W		4.4 4.4
LEWIS R	MUDDY R	CURLY CR	COLUMBIA R	754	SKAMANIA	WA W		2.3 2.3
CURLY CR	MOUTH	HEADWATERS	LEWIS R	755	SKAMANIA	WA U		4.0 4.0
LEWIS R	CURLY CR	RUSH CR	COLUMBIA R	756	SKAMANIA	WA W		2.0 2.0
RUSH CR	MOUTH	HEADWATERS	LEWIS R	757	SKAMANIA	WA U		8.1 8.1
LEWIS R	RUSH CR	BIG CR	COLUMBIA R	758	SKAMANIA	WA W		2.0 2.0
BIG CR	MOUTH	HEADWATERS	LEWIS R	759	SKAMANIA	WA U		5.7 5.7
LEWIS R	BIG CR	ALEC CR	COLUMBIA R	760	SKAMANIA	WA W		7.8 7.8
ALEC CR	MOUTH	HEADWATERS	LEWIS R	761	SKAMANIA	WA U		3.6 3.6
LEWIS R	ALEC CR	QUARTZ CR	COLUMBIA R	762	SKAMANIA	WA W		0.5 0.5

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
QUARTZ CR	MOUTH	STRAIGHT CR	LEWIS R	763	SKAMANIA	WA W		1.7 1.7
STRAIGHT CR	MOUTH	HEADWATERS	QUARTZ CR	764	SKAMANIA	WA U		3.8 3.8
QUARTZ CR	STRAIGHT CR	HEADWATERS	LEWIS R	765	SKAMANIA	WA W		6.9 6.9
LEWIS R	QUARTZ CR	TILlicum CR	COLUMBIA R	766	SKAMANIA	WA W		0.9 0.9
TILlicum CR	MOUTH	HEADWATERS	LEWIS R	767	SKAMANIA	WA U		3.7 3.7
LEWIS R	TILlicum CR	PIN CR	COLUMBIA R	768	SKAMANIA	WA W		7.0 7.0
PIN CR	MOUTH	HEADWATERS	LEWIS R	769	SKAMANIA	WA U		3.5 3.5
LEWIS R	PIN CR	PASS CR	COLUMBIA R	770	SKAMANIA	WA W		0.3 0.3
PASS CR	MOUTH	SWAMPY CR	LEWIS R	771	SKAMANIA	WA U		0.3 0.3
SWAMPY CR	MOUTH	HEADWATERS	PASS CR	772	SKAMANIA	WA U		3.1 3.1
PASS CR	SWAMPY CR	HEADWATERS	LEWIS R	773	SKAMANIA	WA U		3.5 3.5
LEWIS R	PASS CR	HEADWATERS	COLUMBIA R	774	SKAMANIA	WA W		9.4 9.4

METHOD

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
METHOW R	MOUTH	BLACK CANYON CR	COLUMBIA R	12360	OKANOGAN	WA A	7.2 7.2
BLACK CANYON CR	MOUTH	HEADWATERS	METHOW R	12361	CHELAN	WA U	7.5 7.5
BLACK CANYON CR	MOUTH	HEADWATERS	METHOW R	12361	OKANOGAN	WA U	7.5 7.5
METHOW R	BLACK CANYON CR	MCPARLAND CR	COLUMBIA R	12362	OKANOGAN	WA A	9.2 9.2
MCPARLAND CR	MOUTH	HEADWATERS	METHOW R	12363	OKANOGAN	WA U	9.0 9.0
METHOW R	MCPARLAND CR	GOLD CR	COLUMBIA R	12364	OKANOGAN	WA A	3.2 3.2
GOLD CR	MOUTH	GOLD CR, N FK	METHOW R	12365	OKANOGAN	WA U	1.2 1.2
GOLD CR, N FK	MOUTH	HEADWATERS	GOLD CR	12366	OKANOGAN	WA U	11.8 11.8
GOLD CR, S FK	MOUTH	HEADWATERS	GOLD CR	12367	OKANOGAN	WA U	9.3 9.3
METHOW R	GOLD CR	LIBBY CR	COLUMBIA R	12368	OKANOGAN	WA A	3.4 3.4
LIBBY CR	MOUTH	SMITH CANYON CR	METHOW R	12369	OKANOGAN	WA U	4.0 4.0
SMITH CANYON CR	MOUTH	HEADWATERS	LIBBY CR	12370	OKANOGAN	WA U	4.1 4.1
LIBBY CR	SMITH CANYON CR	HEADWATERS	METHOW R	12371	OKANOGAN	WA U	7.3 7.3
METHOW R	LIBBY CR	BEAVER CR	COLUMBIA R	12372	OKANOGAN	WA A	10.8 10.8
BEAVER CR	MOUTH	HEADWATERS	METHOW R	12373	OKANOGAN	WA U	9.2 9.2
METHOW R	BEAVER CR	TWISP R	COLUMBIA R	12374	OKANOGAN	WA A	5.7 5.7
TWISP R	MOUTH	LITTLE BRIDGE CR	METHOW R	12375	OKANOGAN	WA A	8.9 8.9
LITTLE BRIDGE CR	MOUTH	HEADWATERS	TWISP R	12376	OKANOGAN	WA U	4.4 4.4
TWISP R	LITTLE BRIDGE CR	CANYON CR	METHOW R	12377	OKANOGAN	WA A	3.2 3.2
CANYON CR	MOUTH	HEADWATERS	TWISP R	12378	OKANOGAN	WA U	4.4 4.4
TWISP R	CANYON CR	BUTTERMILK CR	METHOW R	12379	OKANOGAN	WA A	0.3 0.3
BUTTERMILK CR	MOUTH	BUTTERMILK CR, E FK	TWISP R	12380	OKANOGAN	WA A	2.8 0.3
BUTTERMILK CR, W FK	MOUTH	HEADWATERS	BUTTERMILK CR	12381	OKANOGAN	WA U	8.5 8.5
BUTTERMILK CR, E FK	MOUTH	HEADWATERS	BUTTERMILK CR	12382	OKANOGAN	WA U	10.2 10.2
TWISP R	BUTTERMILK CR	EAGLE CR	METHOW R	12383	OKANOGAN	WA A	3.0 3.0
EAGLE CR	MOUTH	HEADWATERS	TWISP R	12384	OKANOGAN	WA U	8.2 8.2
TWISP R	EAGLE CR	WAR CR	METHOW R	12385	OKANOGAN	WA A	1.1 1.1
WAR CR	MOUTH	HEADWATERS	TWISP R	12386	OKANOGAN	WA A	10.5 0.2
TWISP R	WAR CR	SOUTH CR	METHOW R	12387	OKANOGAN	WA A	8.9 8.9
SOUTH CR	MOUTH	HEADWATERS	TWISP R	12388	OKANOGAN	WA A	8.3 0.5
TWISP R	SOUTH CR	HEADWATERS	METHOW R	12389	CHELAN	WA A	7.4 2.6
TWISP R	SOUTH CR	HEADWATERS	METHOW R	12389	OKANOGAN	WA A	7.4 2.6
METHOW R	TWISP R	THOMPSON CR	COLUMBIA R	12390	OKANOGAN	WA A	6.3 6.3
THOMPSON CR	MOUTH	HEADWATERS	METHOW R	12391	OKANOGAN	WA U	6.4 6.4
METHOW R	THOMPSON CR	BEAR CR	COLUMBIA R	12392	OKANOGAN	WA A	1.1 1.1
BEAR CR	MOUTH	HEADWATERS	METHOW R	12393	OKANOGAN	WA A	10.5 1.1
METHOW R	BEAR CR	CHEWACK R	COLUMBIA R	12394	OKANOGAN	WA A	2.7 2.7
CHEWACK R	MOUTH	CUB CR	METHOW R	12395	OKANOGAN	WA A	6.1 6.1
CUB CR	MOUTH	HEADWATERS	CHEWACK R	12396	OKANOGAN	WA U	10.5 10.5
CHEWACK R	CUB CR	BOULDER CR	METHOW R	12397	OKANOGAN	WA A	2.6 2.6
BOULDER CR	MOUTH	BOULDER CR, M FK	CHEWACK R	12398	OKANOGAN	WA U	5.8 5.8
BOULDER CR, M FK	MOUTH	HEADWATERS	BOULDER CR	12399	OKANOGAN	WA U	9.0 9.0
BOULDER CR, N FK	MOUTH	HEADWATERS	BOULDER CR	12400	OKANOGAN	WA U	11.3 11.3
CHEWACK R	BOULDER CR	EIGHTMILE CR	METHOW R	12401	OKANOGAN	WA A	2.3 2.3
EIGHTMILE CR	MOUTH	HEADWATERS	CHEWACK R	12402	OKANOGAN	WA U	18.1 18.1
CHEWACK R	EIGHTMILE CR	FALLS CR	METHOW R	12403	OKANOGAN	WA A	2.3 2.3
FALLS CR	MOUTH	HEADWATERS	CHEWACK R	12404	OKANOGAN	WA U	15.4 15.4
CHEWACK R	FALLS CR	TWENTYMILE CR	METHOW R	12405	OKANOGAN	WA A	5.3 5.3
TWENTYMILE CR	MOUTH	HEADWATERS	CHEWACK R	12406	OKANOGAN	WA U	13.3 13.3

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
CHEWACK R	TWENTYMILE CR	LAKE CR	METHOW R	12407	OKANOGAN	WA A		4.4 4.4
LAKE CR	MOUTH	FAREWELL CR	CHEWACK R	12408	OKANOGAN	WA U		0.5 0.5
FAREWELL CR	MOUTH	HEADWATERS	LAKE CR	12409	OKANOGAN	WA U		4.9 4.9
LAKE CR	FAREWELL CR	THREE PRONG CR	CHEWACK R	12410	OKANOGAN	WA U		8.9 8.9
THREE PRONG CR	MOUTH	HEADWATERS	LAKE CR	12411	OKANOGAN	WA U		4.6 4.6
LAKE CR	THREE PRONG CR	HEADWATERS	CHEWACK R	12412	OKANOGAN	WA U		3.5 3.5
CHEWACK R	LAKE CR	ANDREWS CR	METHOW R	12413	OKANOGAN	WA W		2.6 2.6
ANDREWS CR	MOUTH	HEADWATERS	CHEWACK R	12414	OKANOGAN	WA U		0.0 0.0
CHEWACK R	ANDREWS CR	CATHEDRAL CR	METHOW R	12415	OKANOGAN	WA F		14.5 14.5
HORSE SHOE CR	MOUTH	HEADWATERS	CHEWACK R	12416	OKANOGAN	WA U		5.7 5.7
CATHEDRAL CR	MOUTH	HEADWATERS	CHEWACK R	12417	OKANOGAN	WA U		9.2 9.2
METHOW R	CHEWACK R	WOLF CR	COLUMBIA R	12418	OKANOGAN	WA A		2.7 2.7
WOLF CR	MOUTH	WOLF CR, N FK	METHOW R	12419	OKANOGAN	WA W		6.6 6.6
WOLF CR, N FK	MOUTH	HEADWATERS	WOLF CR	12420	OKANOGAN	WA U		5.1 5.1
WOLF CR	WOLF CR, N FK	HEADWATERS	METHOW R	12421	OKANOGAN	WA U		8.9 8.9
METHOW R	WOLF CR	GOAT CR	COLUMBIA R	12422	OKANOGAN	WA A		11.9 11.9
GOAT CR	MOUTH	HEADWATERS	METHOW R	12423	OKANOGAN	WA U		13.4 13.4
METHOW R	GOAT CR	EARLY WINTERS CR	COLUMBIA R	12424	OKANOGAN	WA A		2.0 2.0
EARLY WINTERS CR	MOUTH	CEDAR CR	METHOW R	12425	OKANOGAN	WA A		2.5 2.5
CEDAR CR	MOUTH	HEADWATERS	EARLY WINTERS CR	12426	OKANOGAN	WA U		0.0 0.0
EARLY WINTERS CR	CEDAR CR	CUTTHROAT CK	METHOW R	12427	OKANOGAN	WA U		9.7 9.7
CUTTHROAT CK	MOUTH	HEADWATERS	EARLY WINTERS CR	12428	OKANOGAN	WA U		3.6 3.6
EARLY WINTERS CR	CUTTHROAT CK	HEADWATERS	METHOW R	12429	OKANOGAN	WA U		5.2 5.2
METHOW R	EARLY WINTERS CR	LOST R	COLUMBIA R	12430	OKANOGAN	WA A		6.7 6.7
LOST R	MOUTH	EUREKA CR	METHOW R	12431	OKANOGAN	WA A		3.8 3.8
EUREKA CR	MOUTH	HEADWATERS	LOST R	12432	OKANOGAN	WA U		11.9 11.9
LOST R	EUREKA CR	MONUMENT CR	METHOW R	12433	OKANOGAN	WA A		3.6 0.2
MONUMENT CR	MOUTH	HEADWATERS	LOST R	12434	OKANOGAN	WA U		7.3 7.3
LOST R	MONUMENT CR	DRAKE CR	METHOW R	12435	OKANOGAN	WA U		4.7 4.7
DRAKE CR	MOUTH	HEADWATERS	LOST R	12436	OKANOGAN	WA U		5.8 5.8
LOST R	DRAKE CR	HEADWATERS	METHOW R	12437	OKANOGAN	WA U		6.2 6.2
METHOW R	LOST R	ROBINSON CR	COLUMBIA R	12438	OKANOGAN	WA A		1.8 1.8
ROBINSON CR	MOUTH	MIDNIGHT CR	METHOW R	12439	OKANOGAN	WA U		4.6 4.6
MIDNIGHT CR	MOUTH	HEADWATERS	ROBINSON CR	12440	OKANOGAN	WA U		
ROBINSON CR	MIDNIGHT CR	HEADWATERS	METHOW R	12441	OKANOGAN	WA U		4.4 4.4
METHOW R	ROBINSON CR	HEADWATERS	COLUMBIA R	12442	OKANOGAN	WA F		15.9 15.9
METHOW R	ROBINSON CR	HEADWATERS	COLUMBIA R	12442	SKAGIT	WA F		15.9 15.9

OKANOCHAN_SIMILKAMEEN

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
OKANOGAN R	MOUTH	CHILIWIST CR	COLUMBIA R	12446	OKANOGAN	WA A	16.6 16.6
CHILIWIST CR	MOUTH	HEADWATERS	OKANOGAN R	12447	OKANOGAN	WA U	11.6 11.6
OKANOGAN R	CHILIWIST CR	LOUP LOUP CR	COLUMBIA R	12448	OKANOGAN	WA A	1.6 1.6
LOUP LOUP CR	MOUTH	SUMMIT CR	OKANOGAN R	12449	OKANOGAN	WA U	9.8 9.8
SUMMIT CR	MOUTH	HEADWATERS	LOUP LOUP CR	12450	OKANOGAN	WA U	6.4 6.4
LOUP LOUP CR	SUMMIT CR	HEADWATERS	OKANOGAN R	12451	OKANOGAN	WA U	9.2 9.2
OKANOGAN R	LOUP LOUP CR	SALMON CR	COLUMBIA R	12452	OKANOGAN	WA A	10.0 10.0
SALMON CR	MOUTH	CONCONULLY RES	OKANOGAN R	12453	OKANOGAN	WA U	16.8 16.8
SALMON CR	CONCONULLY RES	LAKE INTERIOR REACH	OKANOGAN R	12454	OKANOGAN	WA U	0.0 0.0
SALMON CR, W FK	CONCONULLY RES	LAKE INTERIOR REACH	SALMON CR	12455	OKANOGAN	WA U	0.4 0.4
SALMON CR, W FK	CONCONULLY RES	SALMON CR, S FK	SALMON CR	12456	OKANOGAN	WA U	1.1 1.1
SALMON CR, S FK	MOUTH	HEADWATERS	SALMON CR, W FK	12457	OKANOGAN	WA U	8.6 8.6
SALMON CR, W FK	SALMON CR, S FK	HEADWATERS	SALMON CR	12458	OKANOGAN	WA U	9.4 9.4
SALMON CR	CONCONULLY RES	LAKE INTERIOR REACH	OKANOGAN R	12459	OKANOGAN	WA U	0.8 0.8
SALMON CR	CONCONULLY RES	SALMON CR, N FK	OKANOGAN R	12460	OKANOGAN	WA U	0.4 0.4
SALMON CR, N FK	SALMON L	LAKE INTERIOR REACH	SALMON CR	12461	OKANOGAN	WA U	0.2 0.2
SALMON CR, N FK	SALMON L	HEADWATERS	SALMON CR	12462	OKANOGAN	WA U	12.0 12.0
OKANOGAN R	SALMON CR	OMAK CR	COLUMBIA R	12463	OKANOGAN	WA A	5.2 5.2
OMAK CR	MOUTH	HALEY CR	OKANOGAN R	12464	OKANOGAN	WA U	10.3 10.3
HALEY CR	MOUTH	HEADWATERS	OMAK CR	12465	OKANOGAN	WA U	4.5 4.5
OMAK CR	HALEY CR	STAPALOOP CR	OKANOGAN R	12466	OKANOGAN	WA U	5.8 5.8
STAPALOOP CR	MOUTH	HEADWATERS	OMAK CR	12467	OKANOGAN	WA U	7.1 7.1
OMAK CR	STAPALOOP CR	SWIMPTKIN CR	OKANOGAN R	12468	OKANOGAN	WA U	1.4 1.4
SWIMPTKIN CR	MOUTH	HEADWATERS	OMAK CR	12469	OKANOGAN	WA U	6.2 6.2
OMAK CR	SWIMPTKIN CR	HEADWATERS	OKANOGAN R	12470	OKANOGAN	WA U	10.3 10.3
OKANOGAN R	OMAK CR	WANNACOTT CR	COLUMBIA R	12471	OKANOGAN	WA A	3.5 3.5
WANNACOTT CR	MOUTH	HEADWATERS	OKANOGAN R	12472	OKANOGAN	WA U	6.9 6.9
OKANOGAN R	WANNACOTT CR	JOHNSON CR	COLUMBIA R	12473	OKANOGAN	WA A	6.4 6.4
JOHNSON CR	MOUTH	HEADWATERS	OKANOGAN R	12474	OKANOGAN	WA U	24.0 24.0
OKANOGAN R	JOHNSON CR	TUNK CR	COLUMBIA R	12475	OKANOGAN	WA A	4.7 4.7
TUNK CR	MOUTH	HEADWATERS	OKANOGAN R	12476	OKANOGAN	WA U	16.2 16.2
OKANOGAN R	TUNK CR	CHEWILIKEN CR	COLUMBIA R	12477	OKANOGAN	WA A	5.5 5.5
CHEWILIKEN CR	MOUTH	HEADWATERS	OKANOGAN R	12478	OKANOGAN	WA U	8.4 8.4
OKANOGAN R	CHEWILIKEN CR	BONAPARTE CR	COLUMBIA R	12479	OKANOGAN	WA A	6.7 6.7
BONAPARTE CR	MOUTH	PEONY CR	OKANOGAN R	12480	OKANOGAN	WA U	14.7 14.7
PEONY CR	MOUTH	HEADWATERS	BONAPARTE CR	12481	OKANOGAN	WA U	8.0 8.0
BONAPARTE CR	PEONY CR	LIGHTNING CR	OKANOGAN R	12482	OKANOGAN	WA U	10.5 10.5
LIGHTNING CR	MOUTH	HEADWATERS	BONAPARTE CR	12483	OKANOGAN	WA U	4.0 4.0
BONAPARTE CR	LIGHTNING CR	PETTIJOHN CR	OKANOGAN R	12484	OKANOGAN	WA U	1.3 1.3
PETTIJOHN CR	MOUTH	HEADWATERS	BONAPARTE CR	12485	OKANOGAN	WA U	2.7 2.7
BONAPARTE CR	PETTIJOHN CR	HEADWATERS	OKANOGAN R	12486	OKANOGAN	WA U	3.3 3.3
OKANOGAN R	BONAPARTE CR	SIWASH CR	COLUMBIA R	12487	OKANOGAN	WA A	0.5 0.5
SIWASH CR	MOUTH	UNNAMED	OKANOGAN R	12488	OKANOGAN	WA U	6.3 6.3
UNNAMED	MOUTH	HEADWATERS	SIWASH CR	12489	OKANOGAN	WA U	3.9 3.9
SIWASH CR	UNNAMED	SIWASH CR, M FK	OKANOGAN R	12490	OKANOGAN	WA U	6.3 6.3
SIWASH CR, M FK	MOUTH	HEADWATERS	SIWASH CR	12491	OKANOGAN	WA U	3.2 3.2
SIWASH CR	SIWASH CR, M FK	HEADWATERS	OKANOGAN R	12492	OKANOGAN	WA U	2.5 2.5
OKANOGAN R	SIWASH CR	ANTOINE CR	COLUMBIA R	12493	OKANOGAN	WA A	4.2 4.2
ANTOINE CR	MOUTH	WHISKEY CASHE CR	OKANOGAN R	12494	OKANOGAN	WA U	3.4 3.4

PROTECTED AREAS DESIGNATIONS FOR STREAM REACHES IN THE OKANOGAN_SIMILKAMEEN SUBBASIN, WA, NW POWER PLANNING COUNCIL, MAY, 1988 PAGE 2

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
WHISKEY CASHE CR	MOUTH	HEADWATERS	ANTOINE CR	12495	OKANOGAN	WA U	6.1 6.1
ANTOINE CR	WHISKEY CASHE CR	HEADWATERS	OKANOGAN R	12496	OKANOGAN	WA U	16.1 16.1
OKANOGAN R	ANTOINE CR	SIMILKAMEEN R	COLUMBIA R	12497	OKANOGAN	WA A	16.6 16.6
SIMILKAMEEN R	MOUTH	ELLEMEHAM DRAW	OKANOGAN R	12498	OKANOGAN	WA A	4.6 4.6
ELLEMEHAM DRAW	MOUTH	HEADWATERS	SIMILKAMEEN R	12499	OKANOGAN	WA U	2.4 2.4
SIMILKAMEEN R	ELLEMEHAM DRAW	PALMER CR	OKANOGAN R	12500	OKANOGAN	WA A	12.9 4.2
PALMER CR	MOUTH	PALMER L	SIMILKAMEEN R	12501	OKANOGAN	WA U	3.1 3.1
PALMER CR	PALMER L	LAKE INTERIOR REACH	SIMILKAMEEN R	12502	OKANOGAN	WA U	2.8 2.8
SINLAHEKIN CR	MOUTH	CHOPAKA CR	PALMER CR	12503	OKANOGAN	WA U	2.3 2.3
CHOPAKA CR	MOUTH	HEADWATERS	SINLAHEKIN CR	12504	OKANOGAN	WA U	6.4 6.4
SINLAHEKIN CR	CHOPAKA CR	TOATS COULEE CR	PALMER CR	12505	OKANOGAN	WA U	1.2 1.2
TOATS COULEE CR	MOUTH	TOATS COULEE CR, N F	SINLAHEKIN CR	12506	OKANOGAN	WA U	4.9 4.9
TOATS COULEE CR, N FK	MOUTH	HEADWATERS	TOATS COULEE CR	12507	OKANOGAN	WA U	13.1 13.1
TOATS COULEE CR	TOATS COULEE CR, N F	TOATS COULEE CR, M F	SINLAHEKIN CR	12508	OKANOGAN	WA U	2.1 2.1
TOATS COULEE CR, M FK	MOUTH	HEADWATERS	TOATS COULEE CR	12509	OKANOGAN	WA U	13.9 13.9
TOATS COULEE CR, S FK	MOUTH	HEADWATERS	TOATS COULEE CR	12510	OKANOGAN	WA U	10.2 10.2
SINLAHEKIN CR	TOATS COULEE CR	CECIL CR	PALMER CR	12511	OKANOGAN	WA U	3.1 3.1
CECIL CR	MOUTH	HEADWATERS	SINLAHEKIN CR	12512	OKANOGAN	WA U	10.6 10.6
SINLAHEKIN CR	CECIL CR	BLUE L CR	PALMER CR	12513	OKANOGAN	WA U	8.4 8.4
BLUE L CR	MOUTH	HEADWATERS	SINLAHEKIN CR	12514	OKANOGAN	WA U	0.0 0.0
SINLAHEKIN CR	BLUE L CR	HEADWATERS	PALMER CR	12515	OKANOGAN	WA U	12.9 12.9
SIMILKAMEEN R	PALMER CR	HEADWATERS	OKANOGAN R	12516	OKANOGAN	WA W	9.5 9.5
OKANOGAN R	SIMILKAMEEN R	TONASKET CR	COLUMBIA R	12517	OKANOGAN	WA A	0.9 0.9
TONASKET CR	MOUTH	HEADWATERS	OKANOGAN R	12518	OKANOGAN	WA U	14.4 14.4
OKANOGAN R	TONASKET CR	OSOYOOS L	COLUMBIA R	12519	OKANOGAN	WA A	0.5 0.5
OKANOGAN R	OSOYOOS L	LAKE INTERIOR REACH	COLUMBIA R	12520	OKANOGAN	WA A	1.4 1.4
NINEMILE CR	OSOYOOS L	LAKE INTERIOR REACH	OKANOGAN R	12521	OKANOGAN	WA U	4.3 4.3
NINEMILE CR	OSOYOOS L	HEADWATERS	OKANOGAN R	12522	OKANOGAN	WA U	11.7 11.7
OKANOGAN R	OSOYOOS L	LAKE INTERIOR REACH	COLUMBIA R	12523	OKANOGAN	WA A	5.2 5.2
ASHNOLA R	SPANISH CR	HEADWATERS	CANADIAN BORDER	27020	OKANOGAN	WA U	5.5 5.5
SPANISH CR	MOUTH	HEADWATERS	ASHNOLA R	27021	OKANOGAN	WA U	5.0 5.0
ASHNOLA R	MOUTH	SPANISH CR	CANADIAN BORDER	27022	OKANOGAN	WA U	4.3 4.3
PASAYTEN CR, W FK	UNNAMED	HEADWATERS	PASAYTEN R	27023	OKANOGAN	WA U	9.9 9.9
UNNAMED	MOUTH	HEADWATERS	PASAYTEN CR, W FK	27024	OKANOGAN	WA U	2.8 2.8
PASAYTEN CR, W FK	MOUTH	UNNAMED	PASAYTEN R	27025	OKANOGAN	WA U	3.7 3.7
PASAYTEN CR, M FK	MOUTH	HEADWATERS	PASAYTEN R	27026	OKANOGAN	WA U	13.0 13.0
PASAYTEN R	ROCK CR	PASAYTEN CR, M FK	CANADIAN BORDER	27027	OKANOGAN	WA U	0.2 0.2
ROCK CR	MOUTH	HEADWATERS	PASAYTEN R	27028	OKANOGAN	WA U	6.8 6.8
PASAYTEN R	LEASE CR	ROCK CR	CANADIAN BORDER	27029	OKANOGAN	WA U	1.2 1.2
LEASE CR	MOUTH	HEADWATERS	PASAYTEN R	27030	OKANOGAN	WA U	7.1 7.1
PASAYTEN R	PASAYTEN CR, E FK	LEASE CR	CANADIAN BORDER	27031	OKANOGAN	WA U	6.2 6.2
PASAYTEN CR, E FK	UNNAMED	HEADWATERS	PASAYTEN R	27032	OKANOGAN	WA U	9.0 9.0
UNNAMED	MOUTH	HEADWATERS	PASAYTEN CR, E FK	27033	OKANOGAN	WA U	0.8 0.8
PASAYTEN CR, E FK	MOUTH	UNNAMED	PASAYTEN R	27034	OKANOGAN	WA U	4.3 4.3
PASAYTEN R	MOUTH	PASAYTEN CR, E FK	CANADIAN BORDER	27035	OKANOGAN	WA U	3.4 3.4
CHUCHUWANTEEN CR	MOUTH	HEADWATERS	CANADIAN BORDER	27036	OKANOGAN	WA U	12.1 12.1
CHUCHUWANTEEN CR	MOUTH	HEADWATERS	CANADIAN BORDER	27036	WHATCOM	WA U	12.1 12.1

PALOUSE

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
PALOUSE R	MOUTH	COW CR	SNAKE R	6287	ADAMS	WA U	18.0 18.0
PALOUSE R	MOUTH	COW CR	SNAKE R	6287	COLUMBIA	WA U	18.0 18.0
PALOUSE R	MOUTH	COW CR	SNAKE R	6287	FRANKLIN	WA U	18.0 18.0
PALOUSE R	MOUTH	COW CR	SNAKE R	6287	WHITMAN	WA U	18.0 18.0
COW CR	MOUTH	HEADWATERS	PALOUSE R	6288	ADAMS	WA U	47.2 47.2
PALOUSE R	COW CR	WILLOW CR	SNAKE R	6289	ADAMS	WA U	6.5 6.5
WILLOW CR	MOUTH	HEADWATERS	PALOUSE R	6290	ADAMS	WA U	19.8 19.8
WILLOW CR	MOUTH	HEADWATERS	PALOUSE R	6290	WHITMAN	WA U	19.8 19.8
PALOUSE R	WILLOW CR	UNION FLAT CR	SNAKE R	6291	ADAMS	WA U	6.2 6.2
PALOUSE R	WILLOW CR	UNION FLAT CR	SNAKE R	6291	WHITMAN	WA U	6.2 6.2
UNION FLAT CR	MOUTH	UNNAMED	PALOUSE R	6292	ADAMS	WA U	18.3 18.3
UNION FLAT CR	MOUTH	UNNAMED	PALOUSE R	6292	WHITMAN	WA U	18.3 18.3
UNNAMED	MOUTH	HEADWATERS	UNION FLAT CR	6293	WHITMAN	WA U	6.9 6.9
UNION FLAT CR	UNNAMED	UNNAMED	PALOUSE R	6294	WHITMAN	WA U	9.3 9.3
UNNAMED	MOUTH	HEADWATERS	UNION FLAT CR	6295	WHITMAN	WA U	4.7 4.7
UNION FLAT CR	UNNAMED	COW CR	PALOUSE R	6296	WHITMAN	WA U	29.5 29.5
COW CR	MOUTH	HEADWATERS	UNION FLAT CR	6297	LATAH	WI U	19.0 19.0
COW CR	MOUTH	HEADWATERS	UNION FLAT CR	6297	WHITMAN	WI U	19.0 19.0
PALOUSE R	UNION FLAT CR	ROCK CR	SNAKE R	6298	ADAMS	WA U	9.7 9.7
PALOUSE R	UNION FLAT CR	ROCK CR	SNAKE R	6298	WHITMAN	WA U	9.7 9.7
ROCK CR	MOUTH	UNNAMED	PALOUSE R	6299	WHITMAN	WA U	8.0 8.0
UNNAMED	MOUTH	HEADWATERS	ROCK CR	6300	WHITMAN	WA U	8.1 8.1
ROCK CR	UNNAMED	COTTONWOOD CR	PALOUSE R	6301	ADAMS	WA U	9.2 9.2
ROCK CR	UNNAMED	COTTONWOOD CR	PALOUSE R	6301	WHITMAN	WA U	9.2 9.2
COTTONWOOD CR	MOUTH	IMBLER CR	ROCK CR	6302	WHITMAN	WA U	1.2 1.2
IMBLER CR	MOUTH	HEADWATERS	COTTONWOOD CR	6303	WHITMAN	WA U	18.6 18.6
COTTONWOOD CR	IMBLER CR	PINE C	ROCK CR	6304	WHITMAN	WA U	9.7 9.7
PINE C	MOUTH	ROCK L	COTTONWOOD CR	6305	WHITMAN	WA U	3.2 3.2
PINE C	ROCK L	LAKE INTERIOR REACH	COTTONWOOD CR	6306	WHITMAN	WA U	7.5 7.5
PINE C	ROCK L	UNNAMED	COTTONWOOD CR	6307	WHITMAN	WA U	0.3 0.3
UNNAMED	MOUTH	HEADWATERS	PINE C	6308	SPOKANE	WA U	5.5 5.5
UNNAMED	MOUTH	HEADWATERS	PINE C	6308	WHITMAN	WA U	5.5 5.5
PINE C	UNNAMED	ROCK CR	COTTONWOOD CR	6309	WHITMAN	WA U	0.8 0.8
ROCK CR	MOUTH	SANDERS CR	PINE C	6310	SPOKANE	WA U	10.0 10.0
ROCK CR	MOUTH	SANDERS CR	PINE C	6310	WHITMAN	WA U	10.0 10.0
SANDERS CR	MOUTH	HEADWATERS	ROCK CR	6311	SPOKANE	WA U	11.1 11.1
ROCK CR	SANDERS CR	HEADWATERS	PINE C	6312	SPOKANE	WA U	14.9 14.9
PINE C	ROCK CR	N PINE CR	COTTONWOOD CR	6313	SPOKANE	WA U	19.8 19.8
PINE C	ROCK CR	N PINE CR	COTTONWOOD CR	6313	WHITMAN	WA U	19.8 19.8
N PINE CR	MOUTH	UNNAMED	PINE C	6314	SPOKANE	WA U	1.8 1.8
UNNAMED	MOUTH	HEADWATERS	N PINE CR	6315	SPOKANE	WA U	7.0 7.0
N PINE CR	UNNAMED	HEADWATERS	PINE C	6316	SPOKANE	WA U	7.8 7.8
PINE C	N PINE CR	HEADWATERS	COTTONWOOD CR	6317	BENEWAH	ID U	38.5 38.5
PINE C	N PINE CR	HEADWATERS	COTTONWOOD CR	6317	SPOKANE	ID U	38.5 38.5
PINE C	N PINE CR	HEADWATERS	COTTONWOOD CR	6317	WHITMAN	ID U	38.5 38.5
COTTONWOOD CR	PINE C	PLEASANT VALLEY CR	ROCK CR	6318	WHITMAN	WA U	7.6 7.6
PLEASANT VALLEY CR	MOUTH	HEADWATERS	COTTONWOOD CR	6319	WHITMAN	WA U	14.3 14.3
COTTONWOOD CR	PLEASANT VALLEY CR	HEADWATERS	ROCK CR	6320	WHITMAN	WA U	25.0 25.0
UNNAMED	MOUTH	HEADWATERS	ROCK CR	6321	ADAMS	WA U	8.0 8.0
UNNAMED	MOUTH	HEADWATERS	ROCK CR	6321	WHITMAN	WA U	8.0 8.0

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
PALOUSE R	ROCK CR	REBEL FLAT CR	SNAKE R	6322	WHITMAN	WA U		8.1 8.1
REBEL FLAT CR	MOUTH	HEADWATERS	PALOUSE R	6323	WHITMAN	WA U		20.8 20.8
PALOUSE R	REBEL FLAT CR	DOWNING CR	SNAKE R	6324	WHITMAN	WA U		6.8 6.8
DOWNING CR	MOUTH	HEADWATERS	PALOUSE R	6325	WHITMAN	WA U		9.9 9.9
PALOUSE R	DOWNING CR	PALOUSE R, S FK	SNAKE R	6326	WHITMAN	WA U		32.4 32.4
PALOUSE R, S FK	MOUTH	FOURMILE CR	PALOUSE R	6327	WHITMAN	WA U		11.2 11.2
FOURMILE CR	MOUTH	HEADWATERS	PALOUSE R, S FK	6328	WHITMAN	WA U		16.6 16.6
PALOUSE R, S FK	FOURMILE CR	MISSOURI FLAT CR	PALOUSE R	6329	WHITMAN	WA U		11.9 11.9
MISSOURI FLAT CR	MOUTH	HEADWATERS	PALOUSE R, S FK	6330	LATAH	WI U		8.5 8.5
MISSOURI FLAT CR	MOUTH	HEADWATERS	PALOUSE R, S FK	6330	WHITMAN	WI U		8.5 8.5
PALOUSE R, S FK	MISSOURI FLAT CR	PARADISE CR	PALOUSE R	6331	LATAH	WI U		12.0 12.0
PALOUSE R, S FK	MISSOURI FLAT CR	PARADISE CR	PALOUSE R	6331	WHITMAN	WI U		12.0 12.0
PARADISE CR	MOUTH	HEADWATERS	PALOUSE R, S FK	6332	LATAH	ID U		9.5 9.5
PALOUSE R, S FK	PARADISE CR	GNAT CR	PALOUSE R	6333	LATAH	ID U		4.7 4.7
GNAT CR	MOUTH	HEADWATERS	PALOUSE R, S FK	6334	LATAH	ID U		4.3 4.3
PALOUSE R, S FK	GNAT CR	HEADWATERS	PALOUSE R	6335	LATAH	ID U		4.6 4.6
PALOUSE R	PALOUSE R, S FK	CEDAR CR	SNAKE R	6336	WHITMAN	WA U		22.2 22.2
CEDAR CR	MOUTH	HEADWATERS	PALOUSE R	6337	LATAH	WI U		8.7 8.7
CEDAR CR	MOUTH	HEADWATERS	PALOUSE R	6337	WHITMAN	WI U		8.7 8.7
PALOUSE R	CEDAR CR	DEEP CR	SNAKE R	6338	LATAH	WI U		14.1 14.1
PALOUSE R	CEDAR CR	DEEP CR	SNAKE R	6338	WHITMAN	WI U		14.1 14.1
DEEP CR	MOUTH	HEADWATERS	PALOUSE R	6339	LATAH	ID U		12.0 12.0
PALOUSE R	DEEP CR	FLANNIGAN CR	SNAKE R	6340	LATAH	ID U		0.8 0.8
FLANNIGAN CR	MOUTH	HEADWATERS	PALOUSE R	6341	LATAH	ID U		7.5 7.5
PALOUSE R	FLANNIGAN CR	ROCK CR	SNAKE R	6342	LATAH	ID U		1.6 1.6
ROCK CR	MOUTH	ROCK CR, E FK	PALOUSE R	6343	LATAH	ID U		1.9 1.9
ROCK CR, W FK	MOUTH	HEADWATERS	ROCK CR	6344	LATAH	ID U		4.0 4.0
ROCK CR, E FK	MOUTH	HEADWATERS	ROCK CR	6345	LATAH	ID U		3.8 3.8
PALOUSE R	ROCK CR	GOLD CR	SNAKE R	6346	LATAH	ID U		1.1 1.1
GOLD CR	MOUTH	CRANE CR	PALOUSE R	6347	LATAH	ID U		1.8 1.8
CRANE CR	MOUTH	HEADWATERS	GOLD CR	6348	BENEWAH	ID U		8.3 8.3
CRANE CR	MOUTH	HEADWATERS	GOLD CR	6348	LATAH	ID U		8.3 8.3
GOLD CR	CRANE CR	HEADWATERS	PALOUSE R	6349	LATAH	ID U		5.7 5.7
PALOUSE R	GOLD CR	HATTER CR	SNAKE R	6350	LATAH	ID U		2.2 2.2
HATTER CR	MOUTH	HEADWATERS	PALOUSE R	6351	LATAH	ID U		7.1 7.1
PALOUSE R	HATTER CR	FLAT CR	SNAKE R	6352	LATAH	ID U		6.6 6.6
FLAT CR	MOUTH	HEADWATERS	PALOUSE R	6353	LATAH	ID U		7.1 7.1
PALOUSE R	FLAT CR	JEROME CR	SNAKE R	6354	LATAH	ID U		2.2 2.2
JEROME CR	MOUTH	HEADWATERS	PALOUSE R	6355	LATAH	ID U		4.1 4.1
PALOUSE R	JEROME CR	BIG CR	SNAKE R	6356	LATAH	ID U		2.1 2.1
BIG CR	MOUTH	HEADWATERS	PALOUSE R	6357	LATAH	ID U		8.5 8.5
PALOUSE R	BIG CR	MEADOW CR	SNAKE R	6358	LATAH	ID U		0.3 0.3
MEADOW CR	MOUTH	MEADOW CR, E FK	PALOUSE R	6359	LATAH	ID U		2.6 2.6
MEADOW CR, E FK	MOUTH	HEADWATERS	MEADOW CR	6360	BENEWAH	ID U		6.3 6.3
MEADOW CR, E FK	MOUTH	HEADWATERS	MEADOW CR	6360	LATAH	ID U		6.3 6.3
MEADOW CR	MEADOW CR, E FK	WHITE PINE CR	PALOUSE R	6361	LATAH	ID U		4.6 4.6
WHITE PINE CR	MOUTH	HEADWATERS	MEADOW CR	6362	BENEWAH	ID U		3.9 3.9
MEADOW CR	WHITE PINE CR	HEADWATERS	PALOUSE R	6363	BENEWAH	ID U		4.4 4.4
PALOUSE R	MEADOW CR	STRYCHNINE CR	SNAKE R	6364	LATAH	ID U		2.4 2.4

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
STRYCHNINE CR	MOUTH	HEADWATERS	PALOUSE R	8365	LATAH	ID U		5.7 5.7
PALOUSE R	STRYCHNINE CR	LITTLE SAND CR	SNAKE R	8366	LATAH	ID U		0.2 0.2
LITTLE SAND CR	MOUTH	HEADWATERS	PALOUSE R	8367	LATAH	ID U		5.2 5.2
PALOUSE R	LITTLE SAND CR	BIG SAND CR	SNAKE R	8368	LATAH	ID U		1.7 1.7
BIG SAND CR	MOUTH	HEADWATERS	PALOUSE R	8369	LATAH	ID U		6.0 6.0
PALOUSE R	BIG SAND CR	PALOUSE R, N FK	SNAKE R	8370	LATAH	ID U		2.1 2.1
PALOUSE R, N FK	MOUTH	HEADWATERS	PALOUSE R	8371	LATAH	ID U		6.6 6.6
PALOUSE R	PALOUSE R, N FK	HEADWATERS	SNAKE R	8372	LATAH	ID U		5.5 5.5

PEND_OREILLE

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY	NAME	ST	PR	FERC	DEP	LENG(MI)	TOT
							CT	NUMB			TOT	PROT
PEND OREILLE R	MOUTH	SLATE CR	CANADIAN BORDER	13883	PEND	OREIL	WA	U			10.4	10.4
SLATE CR	MOUTH	HEADWATERS	PEND OREILLE R	13884	PEND	OREIL	WA	U			10.5	10.5
PEND OREILLE R	SLATE CR	SULLIVAN CR	CANADIAN BORDER	13885	PEND	OREIL	WA	U			4.9	4.9
SULLIVAN CR	MOUTH	SULLIVAN CR, N FK	PEND OREILLE R	13886	PEND	OREIL	WA	F			2.1	2.1
SULLIVAN CR, N FK	MOUTH	HEADWATERS	SULLIVAN CR	13887	PEND	OREIL	WA	U			9.5	9.5
SULLIVAN CR	SULLIVAN CR, N FK	MILL POND	PEND OREILLE R	13888	PEND	OREIL	WA	F			1.4	1.4
SULLIVAN CR	MILL POND	LAKE INTERIOR REACH	PEND OREILLE R	13889	PEND	OREIL	WA	F			0.0	0.0
SULLIVAN CR	MILL POND	HARVEY CR	PEND OREILLE R	13890	PEND	OREIL	WA	F			1.4	1.4
HARVEY CR	MOUTH	SULLIVAN L	SULLIVAN CR	13891	PEND	OREIL	WA	U			0.5	0.5
HARVEY CR	SULLIVAN L	LAKE INTERIOR REACH	SULLIVAN CR	13892	PEND	OREIL	WA	U			3.3	3.3
HARVEY CR	SULLIVAN L	HARVEY CR, ROCKY FK	SULLIVAN CR	13893	PEND	OREIL	WA	U			2.2	2.2
HARVEY CR, ROCKY FK	MOUTH	HEADWATERS	HARVEY CR	13894	PEND	OREIL	WA	U			4.7	4.7
HARVEY CR	HARVEY CR, ROCKY FK	HEADWATERS	SULLIVAN CR	13895	PEND	OREIL	WA	U			9.2	9.2
SULLIVAN CR	HARVEY CR	HEADWATERS	PEND OREILLE R	13896	PEND	OREIL	WA	U	07632-00	E	10.5	10.5
PEND OREILLE R	SULLIVAN CR	CEDAR CR	CANADIAN BORDER	13897	PEND	OREIL	WA	U	00044-00	D	10.7	10.7
CEDAR CR	MOUTH	HEADWATERS	PEND OREILLE R	13898	PEND	OREIL	WA	U			8.1	8.1
PEND OREILLE R	CEDAR CR	BIG MUDDY CR	CANADIAN BORDER	13899	PEND	OREIL	WA	U			0.3	0.3
BIG MUDDY CR	MOUTH	HEADWATERS	PEND OREILLE R	13900	PEND	OREIL	WA	U			8.4	8.4
PEND OREILLE R	BIG MUDDY CR	LOST CR	CANADIAN BORDER	13901	PEND	OREIL	WA	U			10.7	10.7
LOST CR	MOUTH	HEADWATERS	PEND OREILLE R	13902	PEND	OREIL	WA	U			12.2	12.2
PEND OREILLE R	LOST CR	RUBY CR	CANADIAN BORDER	13903	PEND	OREIL	WA	U			4.5	4.5
RUBY CR	MOUTH	HEADWATERS	PEND OREILLE R	13904	PEND	OREIL	WA	U			11.8	11.8
PEND OREILLE R	RUBY CR	LE CLERC CR	CANADIAN BORDER	13905	PEND	OREIL	WA	U			4.3	4.3
LE CLERC CR	MOUTH	LE CLERC CR, E BROOK	PEND OREILLE R	13906	PEND	OREIL	WA	U			2.0	2.0
LE CLERC CR, E BROOK	MOUTH	HEADWATERS	LE CLERC CR	13907	PEND	OREIL	WA	U			10.2	10.2
LE CLERC CR, W BROOK	MOUTH	HEADWATERS	LE CLERC CR	13908	PEND	OREIL	WA	U			12.6	12.6
PEND OREILLE R	LE CLERC CR	MILL CR	CANADIAN BORDER	13909	PEND	OREIL	WA	U			2.7	2.7
MILL CR	MOUTH	HEADWATERS	PEND OREILLE R	13910	PEND	OREIL	WA	U			6.8	6.8
PEND OREILLE R	MILL CR	CUSICK CR	CANADIAN BORDER	13911	PEND	OREIL	WA	U			4.7	4.7
CUSICK CR	MOUTH	HEADWATERS	PEND OREILLE R	13912	PEND	OREIL	WA	U			8.8	8.8
PEND OREILLE R	CUSICK CR	BROWNS CR	CANADIAN BORDER	13913	PEND	OREIL	WA	U			4.7	4.7
BROWNS CR	MOUTH	HEADWATERS	PEND OREILLE R	13914	PEND	OREIL	WA	U			8.0	8.0
PEND OREILLE R	BROWNS CR	TACOMA CR	CANADIAN BORDER	13915	PEND	OREIL	WA	U			0.8	0.8
TACOMA CR	MOUTH	TACOMA CR, S FK	PEND OREILLE R	13916	PEND	OREIL	WA	U			2.9	2.9
TACOMA CR, S FK	MOUTH	HEADWATERS	TACOMA CR	13917	PEND	OREIL	WA	U			9.7	9.7
TACOMA CR	TACOMA CR, S FK	HEADWATERS	PEND OREILLE R	13918	PEND	OREIL	WA	U			15.1	15.1
TACOMA CR	TACOMA CR, S FK	HEADWATERS	PEND OREILLE R	13918	STEVENS	WA	U				15.1	15.1
PEND OREILLE R	TACOMA CR	CALISPELL CR	CANADIAN BORDER	13919	PEND	OREIL	WA	U			3.3	3.3
CALISPELL CR	MOUTH	SMALLE CR	PEND OREILLE R	13920	PEND	OREIL	WA	U			2.0	2.0
SMALLE CR	MOUTH	SMALLE CR, E FK	CALISPELL CR	13921	PEND	OREIL	WA	U			3.0	3.0
SMALLE CR, E FK	MOUTH	HEADWATERS	SMALLE CR	13922	PEND	OREIL	WA	U			7.5	7.5
SMALLE CR	SMALLE CR, E FK	HEADWATERS	CALISPELL CR	13923	PEND	OREIL	WA	U			8.2	8.2
CALISPELL CR	SMALLE CR	CALISPELL L	PEND OREILLE R	13924	PEND	OREIL	WA	U			4.4	4.4
CALISPELL CR	CALISPELL L	LAKE INTERIOR REACH	PEND OREILLE R	13925	PEND	OREIL	WA	U			2.4	2.4
WINCHESTER CR	CALISPELL L	LAKE INTERIOR REACH	CALISPELL CR	13926	PEND	OREIL	WA	U			1.5	1.5
WINCHESTER CR	CALISPELL L	HEADWATERS	CALISPELL CR	13927	PEND	OREIL	WA	U			10.6	10.6
CALISPELL CR	CALISPELL L	LAKE INTERIOR REACH	PEND OREILLE R	13928	PEND	OREIL	WA	U			2.4	2.4
CALISPELL CR	CALISPELL L	CALISPELL CR, N FK	PEND OREILLE R	13929	PEND	OREIL	WA	U			6.3	6.3
CALISPELL CR, N FK	MOUTH	HEADWATERS	CALISPELL CR	13930	PEND	OREIL	WA	U			8.4	8.4
CALISPELL CR, N FK	MOUTH	HEADWATERS	CALISPELL CR	13930	STEVENS	WA	U				8.4	8.4

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY	NAME	ST	PR	FERC	DEP	LENG(MI)	TOT	PROT
							CT		NUMB				
CALISPELL CR, S FK	MOUTH	HEADWATERS	CALISPELL CR	13931	PEND	OREIL	WA	U			5.4	5.4	
PEND OREILLE R	CALISPELL CR	SKOOKUM CR	CANADIAN BORDER	13932	PEND	OREIL	WA	U			4.4	4.4	
SKOOKUM CR	MOUTH	SKOOKUM CR, S FK	PEND OREILLE R	13933	PEND	OREIL	WA	U			1.3	1.3	
SKOOKUM CR, S FK	MOUTH	HEADWATERS	SKOOKUM CR	13934	PEND	OREIL	WA	U			7.4	7.4	
SKOOKUM CR	SKOOKUM CR, S FK	SKOOKUM CR, N FK	PEND OREILLE R	13935	PEND	OREIL	WA	U			2.0	2.0	
SKOOKUM CR, N FK	MOUTH	HEADWATERS	SKOOKUM CR	13936	PEND	OREIL	WA	U			7.8	7.8	
SKOOKUM CR	SKOOKUM CR, N FK	HEADWATERS	PEND OREILLE R	13937	PEND	OREIL	WA	U			3.8	3.8	
PEND OREILLE R	SKOOKUM CR	KENT CR	CANADIAN BORDER	13938	PEND	OREIL	WA	U			8.0	8.0	
KENT CR	MOUTH	HEADWATERS	PEND OREILLE R	13939	PEND	OREIL	WA	U			3.4	3.4	
PEND OREILLE R	KENT CR	INDIAN CR	CANADIAN BORDER	13940	PEND	OREIL	WA	U			3.0	3.0	
INDIAN CR	MOUTH	HEADWATERS	PEND OREILLE R	13941	PEND	OREIL	WA	U			4.8	4.8	
PEND OREILLE R	INDIAN CR	ACROSS DRAINAGE	CANADIAN BORDER	13942	BONNER	WI	U				12.6	12.6	
PEND OREILLE R	INDIAN CR	ACROSS DRAINAGE	CANADIAN BORDER	13942	PEND	OREIL	WI	U			12.6	12.6	
PEND OREILLE R	MOUTH	PRIEST R	CANADIAN BORDER	13943	BONNER	ID	W				3.3	3.3	
PRIEST R	MOUTH	PRIEST R, LOWER W BR	PEND OREILLE R	13944	BONNER	ID	W				3.6	3.6	
PRIEST R, LOWER W BR	MOUTH	MOORES CR	PRIEST R	13945	BONNER	WI	U				18.8	18.8	
PRIEST R, LOWER W BR	MOUTH	MOORES CR	PRIEST R	13945	PEND	OREIL	WI	U			18.8	18.8	
MOORES CR	MOUTH	HEADWATERS	PRIEST R, LOWER W BR	13946	BONNER	ID	W				7.4	7.4	
PRIEST R, LOWER W BR	MOORES CR	HEADWATERS	PRIEST R	13947	BONNER	ID	U				0.0	0.0	
PRIEST R	PRIEST R, LOWER W BR	QUARTZ CR	PEND OREILLE R	13948	BONNER	ID	W				10.1	10.1	
QUARTZ CR	MOUTH	HEADWATERS	PRIEST R	13949	BONNER	ID	W				5.9	5.9	
PRIEST R	QUARTZ CR	BIG CR	PEND OREILLE R	13950	BONNER	ID	W				2.3	2.3	
BIG CR	MOUTH	HEADWATERS	PRIEST R	13951	BONNER	ID	U				3.3	3.3	
PRIEST R	BIG CR	EAST R	PEND OREILLE R	13952	BONNER	ID	W				2.0	2.0	
EAST R	MOUTH	EAST R, M FK	PRIEST R	13953	BONNER	ID	W				2.3	2.3	
EAST R, M FK	MOUTH	HEADWATERS	EAST R	13954	BONNER	ID	W				9.0	9.0	
EAST R, N FK	MOUTH	HEADWATERS	EAST R	13955	BONNER	ID	W				8.8	8.8	
PRIEST R	EAST R	PRIEST R, UPPER W BR	PEND OREILLE R	13956	BONNER	ID	W				10.1	10.1	
PRIEST R, UPPER W BR	MOUTH	GOOSE CR	PRIEST R	13957	BONNER	ID	U				5.5	5.5	
W BROOK PRIEST R	MOUTH	HEADWATERS	PRIEST R, UPPER W BR	13958	BONNER	WI	U				14.2	14.2	
W BROOK PRIEST R	MOUTH	HEADWATERS	PRIEST R, UPPER W BR	13958	PEND	OREIL	WI	U			14.2	14.2	
GOOSE CR	MOUTH	HEADWATERS	PRIEST R, UPPER W BR	13959	BONNER	WI	U				4.8	4.8	
GOOSE CR	MOUTH	HEADWATERS	PRIEST R, UPPER W BR	13959	PEND	OREIL	WI	U			4.8	4.8	
PRIEST R	PRIEST R, UPPER W BR	BINARCH CR	PEND OREILLE R	13960	BONNER	ID	W				5.3	5.3	
BINARCH CR	MOUTH	HEADWATERS	PRIEST R	13961	BONNER	ID	F				4.3	4.3	
PRIEST R	BINARCH CR	LAMB CR	PEND OREILLE R	13962	BONNER	ID	W				2.1	2.1	
LAMB CR	MOUTH	HEADWATERS	PRIEST R	13963	BONNER	ID	W				9.3	9.3	
PRIEST R	LAMB CR	PRIEST L	PEND OREILLE R	13964	BONNER	ID	W				0.8	0.8	
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	13965	BONNER	ID	U				0.0	0.0	
INDIAN CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13966	BONNER	ID	U				1.1	1.1	
LOST CR	PRIEST L	LAKE INTERIOR REACH	INDIAN CR	13967	BONNER	ID	U				0.9	0.9	
SOLDIER CR	PRIEST L	LAKE INTERIOR REACH	LOST CR	13968	BONNER	ID	U				0.9	0.9	
SOLDIER CR	PRIEST L	HEADWATERS	LOST CR	13969	BONNER	ID	U				7.1	7.1	
SOLDIER CR	PRIEST L	HEADWATERS	LOST CR	13969	BOUNDARY	ID	U				7.1	7.1	
LOST CR	PRIEST L	LAKE INTERIOR REACH	INDIAN CR	13970	BONNER	ID	U				2.1	2.1	
LOST CR	PRIEST L	HEADWATERS	INDIAN CR	13971	BONNER	ID	U				7.1	7.1	
INDIAN CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13972	BONNER	ID	U				7.3	7.3	
HUNT CR	PRIEST L	LAKE INTERIOR REACH	INDIAN CR	13973	BONNER	ID	U				0.0	0.0	
HUNT CR	PRIEST L	HEADWATERS	INDIAN CR	13974	BONNER	ID	F				4.3	4.3	

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
INDIAN CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13975	BONNER	ID U		0.0 0.0
INDIAN CR	PRIEST L	HEADWATERS	PRIEST R	13976	BONNER	ID F		10.4 10.4
INDIAN CR	PRIEST L	HEADWATERS	PRIEST R	13976	BOUNDARY	ID F		10.4 10.4
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	13977	BONNER	ID U		4.4 4.4
KALISPELL CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13978	BONNER	ID U		1.6 1.6
REEDER CR	PRIEST L	LAKE INTERIOR REACH	KALISPELL CR	13979	BONNER	ID U		0.0 0.0
REEDER CR	PRIEST L	HEADWATERS	KALISPELL CR	13980	BONNER	ID W		7.9 7.9
KALISPELL CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13981	BONNER	ID U		0.0 0.0
KALISPELL CR	PRIEST L	HEADWATERS	PRIEST R	13982	BONNER	WI F		13.5 13.5
KALISPELL CR	PRIEST L	HEADWATERS	PRIEST R	13982	PEND OREIL	WI F		13.5 13.5
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	13983	BONNER	ID U		6.6 6.6
GRANITE CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13984	BONNER	ID U		0.5 0.5
GRANITE CR	PRIEST L	GRANITE CR, S FK	PRIEST R	13985	BONNER	WI F		10.3 10.3
GRANITE CR	PRIEST L	GRANITE CR, S FK	PRIEST R	13985	PEND OREIL	WI F		10.3 10.3
GRANITE CR, S FK	MOUTH	SEMA CR	GRANITE CR	13986	PEND OREIL	WA U		4.1 4.1
SEMA CR	MOUTH	HEADWATERS	GRANITE CR, S FK	13987	PEND OREIL	WA U		2.9 2.9
GRANITE CR, S FK	SEMA CR	HEADWATERS	GRANITE CR	13988	PEND OREIL	WA U		8.4 8.4
GRANITE CR	GRANITE CR, S FK	ORWIG CR	PRIEST R	13989	PEND OREIL	WA U		3.5 3.5
ORWIG CR	MOUTH	HEADWATERS	GRANITE CR	13990	PEND OREIL	WA U		3.3 3.3
GRANITE CR	ORWIG CR	HEADWATERS	PRIEST R	13991	PEND OREIL	WA U		8.0 8.0
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	13992	BONNER	ID U		3.8 3.8
BEAR CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13993	BONNER	ID U		0.0 0.0
BEAR CR	PRIEST L	HEADWATERS	PRIEST R	13994	BONNER	ID W		5.1 5.1
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	13995	BONNER	ID U		0.0 0.0
TWO MOUTH CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13996	BONNER	ID U		3.0 3.0
TWO MOUTH CR	PRIEST L	HEADWATERS	PRIEST R	13997	BONNER	ID F		8.9 8.9
TWO MOUTH CR	PRIEST L	HEADWATERS	PRIEST R	13997	BOUNDARY	ID F		8.9 8.9
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	13998	BONNER	ID U		3.3 3.3
TANGO CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	13999	BONNER	ID U		0.0 0.0
TANGO CR	PRIEST L	HEADWATERS	PRIEST R	14000	BONNER	ID F		2.7 2.7
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	14001	BONNER	ID U		0.0 0.0
LION CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	14002	BONNER	ID U		1.3 1.3
LION CR	PRIEST L	HEADWATERS	PRIEST R	14003	BONNER	ID F		10.4 10.4
LION CR	PRIEST L	HEADWATERS	PRIEST R	14003	BOUNDARY	ID F		10.4 10.4
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	14004	BONNER	ID U		0.7 0.7
BEAVER CR	PRIEST L	LAKE INTERIOR REACH	PRIEST R	14005	BONNER	ID U		0.0 0.0
BEAVER CR	PRIEST L	HEADWATERS	PRIEST R	14006	BONNER	ID F		5.9 5.9
PRIEST R	PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	14007	BONNER	ID U		0.0 0.0
PRIEST R	PRIEST L	CARIBOU CR	PEND OREILLE R	14008	BONNER	ID F		0.4 0.4
CARIBOU CR	MOUTH	HEADWATERS	PRIEST R	14009	BONNER	ID F		11.2 11.2
CARIBOU CR	MOUTH	HEADWATERS	PRIEST R	14009	BOUNDARY	ID F		11.2 11.2
PRIEST R	CARIBOU CR	UPPER PRIEST L	PEND OREILLE R	14010	BONNER	ID F		1.7 1.7
PRIEST R	UPPER PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	14011	BONNER	ID U		0.0 0.0
TRAPPER CR	UPPER PRIEST L	LAKE INTERIOR REACH	PRIEST R	14012	BONNER	ID U		2.8 2.8
TRAPPER CR	UPPER PRIEST L	HEADWATERS	PRIEST R	14013	BONNER	ID F		6.4 6.4
TRAPPER CR	UPPER PRIEST L	HEADWATERS	PRIEST R	14013	BOUNDARY	ID F		6.4 6.4
PRIEST R	UPPER PRIEST L	LAKE INTERIOR REACH	PEND OREILLE R	14014	BONNER	ID U		3.2 3.2
PRIEST R	UPPER PRIEST L	HUGHES FK	PEND OREILLE R	14015	BONNER	ID F		0.8 0.8
HUGHES FK	MOUTH	HEADWATERS	PRIEST R	14016	BONNER	WI F		12.5 12.5
HUGHES FK	MOUTH	HEADWATERS	PRIEST R	14016	BOUNDARY	WI F		12.5 12.5
HUGHES FK	MOUTH	HEADWATERS	PRIEST R	14016	PEND OREIL	WI F		12.5 12.5

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
PRIEST R	HUGHES FK	HEADWATERS	PEND OREILLE R	14017	BONNER	ID F	19.2 19.2
PRIEST R	HUGHES FK	HEADWATERS	PEND OREILLE R	14017	BOUNDARY	ID F	19.2 19.2
PEND OREILLE R	PRIEST R	RILEY CR	CANADIAN BORDER	14018	BONNER	ID U	7.4 7.4
RILEY CR	MOUTH	HEADWATERS	PEND OREILLE R	14019	BONNER	ID U	6.7 6.7
PEND OREILLE R	RILEY CR	HOODOO CR	CANADIAN BORDER	14020	BONNER	ID U	1.0 1.0
HOODOO CR	MOUTH	UNNAMED	PEND OREILLE R	14021	BONNER	ID F	9.1 9.1
UNNAMED	MOUTH	HEADWATERS	HOODOO CR	14022	BONNER	ID U	5.9 5.9
HOODOO CR	UNNAMED	HEADWATERS	PEND OREILLE R	14023	BONNER	ID U	11.2 11.2
PEND OREILLE R	HOODOO CR	COCOLALLA CR	CANADIAN BORDER	14024	BONNER	ID U	1.2 1.2
COCOLALLA CR	MOUTH	COCOLALLA L	PEND OREILLE R	14025	BONNER	ID U	7.8 7.8
COCOLALLA CR	COCOLALLA L	LAKE INTERIOR REACH	PEND OREILLE R	14026	BONNER	ID U	2.4 2.4
COCOLALLA CR	COCOLALLA L	HEADWATERS	PEND OREILLE R	14027	BONNER	ID U	16.3 16.3
PEND OREILLE R	COCOLALLA CR	CARR CR	CANADIAN BORDER	14028	BONNER	ID U	8.0 8.0
CARR CR	MOUTH	HEADWATERS	PEND OREILLE R	14029	BONNER	ID U	4.6 4.6
PEND OREILLE R	CARR CR	PEND OREILLE L	CANADIAN BORDER	14030	BONNER	ID U	1.6 1.6
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	14031	BONNER	ID U	4.1 4.1
SAGLE CR	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	14032	BONNER	ID U	2.7 2.7
SAGLE CR	PEND OREILLE L	HEADWATERS	PEND OREILLE R	14033	BONNER	ID U	4.0 4.0
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	14034	BONNER	ID U	1.0 1.0
SAND CR	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	14035	BONNER	ID U	0.7 0.7
SAND CR	PEND OREILLE L	SCHWEITZER CR	PEND OREILLE R	14036	BONNER	ID U	5.1 5.1
SCHWEITZER CR	MOUTH	HEADWATERS	SAND CR	14037	BONNER	ID U	4.3 4.3
SAND CR	SCHWEITZER CR	HEADWATERS	PEND OREILLE R	14038	BONNER	ID U	5.1 5.1
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	14039	BONNER	ID U	9.1 9.1
PACK R	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	14040	BONNER	ID U	1.0 1.0
TRESTLE CR	PEND OREILLE L	LAKE INTERIOR REACH	PACK R	14041	BONNER	ID F	2.5 2.5
TRESTLE CR	PEND OREILLE L	HEADWATERS	PACK R	14042	BONNER	ID F	8.6 8.6
PACK R	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	14043	BONNER	ID U	2.5 2.5
PACK R	PEND OREILLE L	TROUT CR	PEND OREILLE R	14044	BONNER	ID F	1.0 1.0
TROUT CR	MOUTH	HEADWATERS	PACK R	14045	BONNER	ID U	4.7 4.7
PACK R	TROUT CR	RAPID LIGHTNING CR	PEND OREILLE R	14046	BONNER	ID F	3.3 3.3
RAPID LIGHTNING CR	MOUTH	HEADWATERS	PACK R	14047	BONNER	ID F	11.8 11.8
PACK R	TROUT CR	GOLD CR	PEND OREILLE R	14048	BONNER	ID F	1.3 1.3
GOLD CR	MOUTH	HEADWATERS	PACK R	14049	BONNER	ID F	7.9 7.9
PACK R	GOLD CR	GROUSE CR	PEND OREILLE R	14050	BONNER	ID F	3.9 3.9
GROUSE CR	MOUTH	GROUSE CR, N FK	PACK R	14051	BONNER	ID F	19.4 19.4
GROUSE CR, N FK	MOUTH	HEADWATERS	GROUSE CR	14052	BONNER	ID U	2.5 2.5
GROUSE CR	GROUSE CR, N FK	HEADWATERS	PACK R	14053	BONNER	ID F	0.0 0.0
PACK R	GROUSE CR	SAND CR	PEND OREILLE R	14054	BONNER	ID F	1.3 1.3
SAND CR	MOUTH	HEADWATERS	PACK R	14055	BONNER	ID F	5.6 5.6
PACK R	SAND CR	BERRY CR	PEND OREILLE R	14056	BONNER	ID F	2.3 2.3
BERRY CR	MOUTH	HEADWATERS	PACK R	14057	BONNER	ID U	7.0 7.0
PACK R	BERRY CR	CARIBOU CR	PEND OREILLE R	14058	BONNER	ID F	4.0 4.0
PACK R	BERRY CR	CARIBOU CR	PEND OREILLE R	14058	BOUNDARY	ID F	4.0 4.0
CARIBOU CR	MOUTH	HEADWATERS	PACK R	14059	BONNER	ID F	3.1 3.1
PACK R	CARIBOU CR	HELLROARING CR	PEND OREILLE R	14060	BONNER	ID F	2.0 2.0
HELLROARING CR	MOUTH	HEADWATERS	PACK R	14061	BONNER	ID F	6.4 6.4
PACK R	HELLROARING CR	JERU CR	PEND OREILLE R	14062	BONNER	ID F	3.3 3.3
JERU CR	MOUTH	HEADWATERS	PACK R	14063	BONNER	ID F	3.1 3.1

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP LENG(MI) TOT PROT
PACK R	JERU CR	MCCORMICK CR	PEND OREILLE R	14064	BONNER	ID F	3.7 3.7
MCCORMICK CR	MOUTH	HEADWATERS	PACK R	14065	BONNER	ID F	4.3 4.3
PACK R	MCCORMICK CR	HEADWATERS	PEND OREILLE R	14066	BONNER	ID F	7.7 7.7
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	14067	BONNER	ID U	7.4 7.4
STRONG CR	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	14068	BONNER	ID U	0.0 0.0
STRONG CR	PEND OREILLE L	HEADWATERS	PEND OREILLE R	14069	BONNER	ID U	3.1 3.1
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	14070	BONNER	ID U	0.0 0.0
RISER CR	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	14071	BONNER	ID U 08251-03 I	0.0 0.0
RISER CR	PEND OREILLE L	HEADWATERS	PEND OREILLE R	14072	BONNER	ID U	3.1 3.1
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	14073	BONNER	ID U	0.0 0.0
CLARK FK	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	14074	BONNER	ID U	4.4 4.4
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	15931	BONNER	ID U	7.9 7.9
GRANITE CR	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	15932	BONNER	ID U	2.0 2.0
GRANITE CR	PEND OREILLE L	HEADWATERS	PEND OREILLE R	15933	BONNER	ID F	9.8 9.8
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	15934	BONNER	ID U	4.9 4.9
CEDAR CR	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	15935	BONNER	ID U	0.0 0.0
CEDAR CR	PEND OREILLE L	CANYON CR	PEND OREILLE R	15936	BONNER	ID U	1.0 1.0
CANYON CR	MOUTH	HEADWATERS	CEDAR CR	15937	BONNER	ID U	3.1 3.1
CEDAR CR	CANYON CR	HEADWATERS	PEND OREILLE R	15938	BONNER	ID U	3.0 3.0
PEND OREILLE R	PEND OREILLE L	LAKE INTERIOR REACH	CANADIAN BORDER	15939	BONNER	ID U	0.0 0.0
NORTH GOLD CR	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	15940	BONNER	ID U	5.2 5.2
NORTH GOLD CR	PEND OREILLE L	HEADWATERS	PEND OREILLE R	15941	BONNER	ID F	5.5 5.5
GOLD CR	PEND OREILLE L	LAKE INTERIOR REACH	PEND OREILLE R	15942	BONNER	ID U	0.0 0.0
GOLD CR	PEND OREILLE L	WEST GOLD CR	PEND OREILLE R	15943	BONNER	ID F	5.9 5.9
WEST GOLD CR	MOUTH	HEADWATERS	GOLD CR	15944	BONNER	ID F	5.4 5.4
GOLD CR	WEST GOLD CR	HEADWATERS	PEND OREILLE R	15945	BONNER	ID F	4.1 4.1
BRICKEL CR	MOUTH	HEADWATERS	NO DOWNLINK	28995	KOOTENAI	WI U	11.3 11.3
BRICKEL CR	MOUTH	HEADWATERS	NO DOWNLINK	28995	SPOKANE	WI U	11.3 11.3
SPIRIT CR	MOUTH	HEADWATERS	NO DOWNLINK	28998	BONNER	WI U	19.7 19.7
SPIRIT CR	MOUTH	HEADWATERS	NO DOWNLINK	28998	KOOTENAI	WI U	19.7 19.7
SPIRIT CR	MOUTH	HEADWATERS	NO DOWNLINK	28998	SPOKANE	WI U	19.7 19.7

PUGET_SOUND

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST	PR CT	FERC NUMB	DEP	LENG(MI) TOT	PROT
VILLAGE CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23771	CLALLAM	WA	U				
AGENCY CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23773	CLALLAM	WA	U				
SAIL CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23775	CLALLAM	WA	A			5.0	5.0
SNOW CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23777	CLALLAM	WA	A			1.9	1.9
BULLMAN CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23779	CLALLAM	WA	A			3.3	3.3
RASMUSSEN CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23781	CLALLAM	WA	A			2.5	2.5
JANSEN CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23783	CLALLAM	WA	A			1.4	0.2
OLSEN CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23785	CLALLAM	WA	A			1.0	1.0
SEKIU R	MOUTH	CARPENTERS CR	PACIFIC OCEAN	23787	CLALLAM	WA	A			1.0	1.0
CARPENTERS CR	MOUTH	HEADWATERS	SEKIU R	23788	CLALLAM	WA	A			2.2	2.2
SEKIU R	CARPENTERS CR	SEKIU R, N FK	PACIFIC OCEAN	23789	CLALLAM	WA	A			3.9	3.9
SEKIU R, N FK	MOUTH	SONNY BROOK	SEKIU R	23790	CLALLAM	WA	A			3.2	3.2
SONNY BROOK	MOUTH	HEADWATERS	SEKIU R, N FK	23791	CLALLAM	WA	A			1.8	0.1
SEKIU R, N FK	SONNY BROOK	HEADWATERS	SEKIU R	23792	CLALLAM	WA	A			4.2	0.3
SEKIU R, S FK	MOUTH	ICE CR	SEKIU R	23793	CLALLAM	WA	A			0.7	0.7
ICE CR	MOUTH	HEADWATERS	SEKIU R, S FK	23794	CLALLAM	WA	A			1.7	0.9
SEKIU R, S FK	ICE CR	HEADWATERS	SEKIU R	23795	CLALLAM	WA	A			3.9	3.9
HOKO R	MOUTH	LITTLE HOKO R	PACIFIC OCEAN	23797	CLALLAM	WA	A			2.5	2.5
LITTLE HOKO R	MOUTH	LEYH CR	HOKO R	23798	CLALLAM	WA	A			1.2	1.2
LEYH CR	MOUTH	HEADWATERS	LITTLE HOKO R	23799	CLALLAM	WA	A			1.7	1.7
LITTLE HOKO R	LEYH CR	HEADWATERS	HOKO R	23800	CLALLAM	WA	A			5.5	5.5
HOKO R	LITTLE HOKO R	BROWNES CR	PACIFIC OCEAN	23801	CLALLAM	WA	A			6.6	6.6
BROWNES CR	MOUTH	HEADWATERS	HOKO R	23802	CLALLAM	WA	A			3.2	0.7
HOKO R	BROWNES CR	JOHNSON CR	PACIFIC OCEAN	23803	CLALLAM	WA	A			2.0	2.0
JOHNSON CR	MOUTH	HEADWATERS	HOKO R	23804	CLALLAM	WA	A			3.0	3.0
HOKO R	JOHNSON CR	HERMAN CR	PACIFIC OCEAN	23805	CLALLAM	WA	A			3.5	3.5
HERMAN CR	MOUTH	HEADWATERS	HOKO R	23806	CLALLAM	WA	A			5.6	1.5
HOKO R	HERMAN CR	ELLIS CR	PACIFIC OCEAN	23807	CLALLAM	WA	A			2.8	2.8
ELLIS CR	MOUTH	HEADWATERS	HOKO R	23808	CLALLAM	WA	A			3.7	3.7
HOKO R	ELLIS CR	CUB CR	PACIFIC OCEAN	23809	CLALLAM	WA	A			1.9	1.9
CUB CR	MOUTH	HEADWATERS	HOKO R	23810	CLALLAM	WA	A			3.2	3.2
HOKO R	CUB CR	BEAR CR	PACIFIC OCEAN	23811	CLALLAM	WA	A			0.1	0.1
BEAR CR	MOUTH	HEADWATERS	HOKO R	23812	CLALLAM	WA	A			5.0	1.5
HOKO R	BEAR CR	HEADWATERS	PACIFIC OCEAN	23813	CLALLAM	WA	A			4.0	4.0
PEARSON CR	MOUTH	CLALLAM R	PACIFIC OCEAN	23815	CLALLAM	WA	A			0.8	0.8
CLALLAM R	MOUTH	LAST CR	PEARSON CR	23816	CLALLAM	WA	A			1.2	1.2
LAST CR	MOUTH	HEADWATERS	CLALLAM R	23817	CLALLAM	WA	A			5.4	5.4
CLALLAM R	LAST CR	CHARLEY CR	PEARSON CR	23818	CLALLAM	WA	A			0.6	0.6
CHARLEY CR	MOUTH	HEADWATERS	CLALLAM R	23819	CLALLAM	WA	A			3.7	3.7
CLALLAM R	CHARLEY CR	BLOWDER CR	PEARSON CR	23820	CLALLAM	WA	A			2.0	2.0
BLOWDER CR	MOUTH	HEADWATERS	CLALLAM R	23821	CLALLAM	WA	A			2.4	0.2
CLALLAM R	BLOWDER CR	HEADWATERS	PEARSON CR	23822	CLALLAM	WA	A			8.3	8.3
PEARSON CR	CLALLAM R	HEADWATERS	PACIFIC OCEAN	23823	CLALLAM	WA	A			3.2	3.2
REED CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23825	CLALLAM	WA	A			4.5	4.5
PYSHT R	MOUTH	PYSHT R, S FK	PACIFIC OCEAN	23827	CLALLAM	WA	A			4.9	4.9
PYSHT R, S FK	MOUTH	MIDDLE CR	PYSHT R	23828	CLALLAM	WA	A			3.3	3.3
MIDDLE CR	MOUTH	HEADWATERS	PYSHT R, S FK	23829	CLALLAM	WA	A			2.8	2.8
PYSHT R, S FK	MIDDLE CR	HEADWATERS	PYSHT R	23830	CLALLAM	WA	A			2.5	2.5
PYSHT R	PYSHT R, S FK	GREEN CR	PACIFIC OCEAN	23831	CLALLAM	WA	A			1.2	1.2

STREAM NAME	STARTING FROM:	GOING TO:	TRIBUTARY TO	ID_NUM	COUNTY NAME	ST PR FERC CT NUMB	DEP	LENG(MI) TOT PROT
GREEN CR	MOUTH	HEADWATERS	PYSHT R	23832	CLALLAM	WA A		3.7 3.7
PYSHT R	GREEN CR	NEEDHAM CR	PACIFIC OCEAN	23833	CLALLAM	WA A		0.6 0.6
NEEDHAM CR	MOUTH	HEADWATERS	PYSHT R	23834	CLALLAM	WA A		2.4 2.4
PYSHT R	NEEDHAM CR	HEADWATERS	PACIFIC OCEAN	23835	CLALLAM	WA A		0.8 4.7
JIM CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23837	CLALLAM	WA A		3.0 3.0
JOE CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23839	CLALLAM	WA A		1.0 1.0
DEEP CR	MOUTH	DEEP CR, E FK	PACIFIC OCEAN	23841	CLALLAM	WA A		1.9 1.9
DEEP CR, E FK	MOUTH	HEADWATERS	DEEP CR	23842	CLALLAM	WA A		2.2 2.2
DEEP CR	DEEP CR, E FK	HEADWATERS	PACIFIC OCEAN	23843	CLALLAM	WA A		4.0 2.5
W TWIN CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23845	CLALLAM	WA A		0.9 0.9
E TWIN CR	MOUTH	SADIE CR	PACIFIC OCEAN	23847	CLALLAM	WA A		2.0 2.0
SADIE CR	MOUTH	HEADWATERS	E TWIN CR	23848	CLALLAM	WA A		3.5 3.5
E TWIN CR	SADIE CR	HEADWATERS	PACIFIC OCEAN	23849	CLALLAM	WA A		4.2 2.0
LYRE R	MOUTH	NELSON CR	PACIFIC OCEAN	23851	CLALLAM	WA A		0.3 0.3
NELSON CR	MOUTH	HEADWATERS	LYRE R	23852	CLALLAM	WA A		2.2 2.2
LYRE R	NELSON CR	SUSIE CR	PACIFIC OCEAN	23853	CLALLAM	WA A		0.5 0.5
SUSIE CR	MOUTH	HEADWATERS	LYRE R	23854	CLALLAM	WA A		4.2 4.2
LYRE R	SUSIE CR	BOUNDARY CR	PACIFIC OCEAN	23855	CLALLAM	WA A		3.0 3.0
BOUNDARY CR	MOUTH	HEADWATERS	LYRE R	23856	CLALLAM	WA A		3.8 3.8
LYRE R	BOUNDARY CR	BARNES CR	PACIFIC OCEAN	23857	CLALLAM	WA A		2.3 2.3
BARNES CR	MOUTH	HEADWATERS	LYRE R	23858	CLALLAM	WA A		7.2 7.2
LYRE R	BARNES CR	HEADWATERS	PACIFIC OCEAN	23859	CLALLAM	WA F		0.0 0.0
FIELD CR	MOUTH	UNNAMED	PACIFIC OCEAN	23861	CLALLAM	WA U		
UNNAMED	MOUTH	HEADWATERS	FIELD CR	23862	CLALLAM	WA U		
FIELD CR	UNNAMED	HEADWATERS	PACIFIC OCEAN	23863	CLALLAM	WA U		
WHISKEY CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23865	CLALLAM	WA A		3.0 3.0
SALT CR	MOUTH	HEADWATERS	PACIFIC OCEAN	23867	CLALLAM	WA A		9.3 0.4
COLVILLE CR	MOUTH	UNNAMED	PACIFIC OCEAN	23870	CLALLAM	WA U		
UNNAMED	MOUTH	HEADWATERS	COLVILLE CR	23871	CLALLAM	WA U		
COLVILLE CR	UNNAMED	HEADWATERS	PACIFIC OCEAN	23872	CLALLAM	WA U		
ELWHA R	MOUTH	INDIAN CR	PACIFIC OCEAN	23874	CLALLAM	WA A		5.0 4.9
INDIAN CR	MOUTH	LAKE SUTHERLAND	ELWHA R	23875	CLALLAM	WA U		5.0 5.0
INDIAN CR	LAKE SUTHERLAND	LAKE INTERIOR REACH	ELWHA R	23876	CLALLAM	WA U		0.0 0.0
FALLS CR	MOUTH	HEADWATERS	INDIAN CR	23877	CLALLAM	WA U		1.7 1.7
ELWHA R	INDIAN CR	L MILLS	PACIFIC OCEAN	23878	CLALLAM	WA U		0.4 0.4
ELWHA R	L MILLS	LAKE INTERIOR REACH	PACIFIC OCEAN	23879	CLALLAM	WA U		0.0 0.0
BOULDER CR	L MILLS	LAKE INTERIOR REACH	ELWHA R	23880	CLALLAM	WA U		0.0 0.0
CAT CR	L MILLS	LAKE INTERIOR REACH	BOULDER CR	23881	CLALLAM	WA U		0.0 0.0
CAT CR	L MILLS	HEADWATERS	BOULDER CR	23882	CLALLAM	WA U		1.4 1.4
BOULDER CR	L MILLS	LAKE INTERIOR REACH	ELWHA R	23883	CLALLAM	WA U		0.0 0.0
BOULDER CR	L MILLS	HEADWATERS	ELWHA R	23884	CLALLAM	WA U		1.4 1.4
ELWHA R	L MILLS	LAKE INTERIOR REACH	PACIFIC OCEAN	23885	CLALLAM	WA U		2.0 2.0
ELWHA R	L MILLS	LONG CR	PACIFIC OCEAN	23886	CLALLAM	WA U		2.0 2.0
LONG CR	MOUTH	HEADWATERS	ELWHA R	23887	CLALLAM	WA U		7.1 7.1
ELWHA R	LONG CR	LILLIAN R	PACIFIC OCEAN	23888	CLALLAM	WA U		2.4 2.4
ELWHA R	MOUTH	HEADWATERS	ELWHA R	23889	CLALLAM	WA U		11.0 11.0
LILLIAN R	MOUTH	HEADWATERS	ELWHA R	23889	JEFFERSON	WA U		11.0 11.0
LILLIAN R	LILLIAN R	LOST R	PACIFIC OCEAN	23890	CLALLAM	WA U		0.0 0.0
ELWHA R	LILLIAN R	LOST R	PACIFIC OCEAN	23890	JEFFERSON	WA U		0.0 0.0