

# The Nationwide Rivers Inventory 68 Segments for the State of Vermont

Reference Source: <http://www.nps.gov/ncrc/programs/rtca/nri/> Note: Outstanding Resource Values (ORVs) Definitions at List Bottom

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River	County	Reach	Length (miles)	Year Listed/Updated	Potential Classification	ORVs	Description	Other States
Barton River (South Bay-Barton River System)	Orleans	Confluence with South Bay to Orleans	9	1982		W	See Barton River Comments.	
Black River	Windsor	Perkinsville to Whitesville	6	1982		H		
Black River	Orleans	Confluence with South Bay to Irasburg	10	1982		W	See Barton River Comments	

**Barton River Comments: Wildlife-**(Segment includes Barton River Marsh, a 200-acre marsh significant for its high diversity of wildlife habitats, and a National Natural Landmark.)

Batten Kill	Bennington (Washington in NY)	Route 22 to near Arlington	18	1982		S, G, H	See Batten Kill Comments1	NY
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**Batten Kill Comments1: Historic-**(Arlington Green Covered Bridge is a National Historic Register Site.) **Geologic-**(Free flowing sparsely developed examples of medium order rivers in section are rare.)

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Batten Kill	Bennington	Arlington to Manchester	12	1982		F, H, O	See Batten Kill Comments2	
Lye Brook	Bennington	Confluence with Batten Kill to headwaters	7	1982		F, H, O	See Batten Kill Comments2	
Lye Brook	Bennington	Proclamation Boundary to source	3	1982/ 1993				
Roaring Branch	Bennington	Proclamation Boundary to Branch Pond	5	1982/ 1993				
Roaring Branch	Bennington	Confluence with Batten Kill to Branch Pond	9	1982		F, H, O	See Batten Kill Comments2	

**See Batten Kill Comments2:** **Historic**-(Segment parallels significant former Indian water route.) **Fish**-(River and related tributaries are the most significant natural trout and trout spawning habitat in this section.) **Wild**-(Segment includes Branch Pond, an unspoiled upland pond surrounded by extensive primitive landscape.)

Connecticut River	Coos, Essex	North Stratford to Beecher Falls	32	1982		S, O	Connecticut River Comments1	NH
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**Connecticut River Comments1:** **Hydrologic**-(A unique, sparsely developed, high-order river.) **Scenic**-(Segment passes by and provides excellent views of Monadnock Mountain, a regionally unique example of an open low mountain. Possesses one of the highest ranges of views in the entire northeast.)

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Connecticut River	Orange, Grafton	Confluence with Omponmanoosuc River to South Newbury	37	1982		O	Connecticut River Comments2	NH
<b>Connecticut River Comments2: Hydrologic-</b> (One of the last remaining sparsely developed, free-flowing segments of a unique, high order river in the section.)								
Connecticut River	Windham, Cheshire	One mile above Route 9 bridge to Route 23 bridge at Walpole	18	1982		H, O	Connecticut River Comments3	NH
<b>Connecticut River Comments3: Hydrologic-</b> (One of the three remaining sparsely developed, free-flowing segments of a unique, high-order river in this section.) <b>Botanic-</b> (Segment includes calcareous soils unique to this segment supporting rare plant species unusual to this section of the Connecticut River Valley.) <b>Historic-</b> (Segment includes the site of the first bridge over the Connecticut River, a toll bridge constructed in 1785 in Walpole.)								
Connecticut River	Hampshire, Essex	Dalton to North Stratford	40	1982		O	Connecticut River Comments4	NH
<b>Connecticut River Comments4: Hydrologic-</b> (A unique, sparsely developed, high order river. One of the most significant examples of fluvial deposition in the northeast region.)								
Connecticut River	Windham, Windsor, Sullivan	Confluence with the Williams River at South Charlestown to Windsor	24	1982		O	Connecticut River Comments5	NH
<b>Connecticut River Comments5: Hydrologic-</b> (One of the three remaining sparsely developed free-flowing segments of a unique, high-order river in this section.)								

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Dead Creek	Addison	Confluence with Otter Creek to headwaters of East and West Branches	20	1982		O	See Dead Creek Comments	

**Dead Creek Comments: Botanic-**(Segment includes a diversity of significant plant communities, including a remnant of an oak-hickory forest which is rare in this section, and a 100-acre bog.)

Deerfield River	Bennington, Windham	North of Searsburg Reservoir to headwaters	11	1982		O	See Deerfield River Comments	
Deerfield River	Bennington, Windham	Proclamation Boundary to source	7	1982/ 1993			See Deerfield River Comments	

**Deerfield River Comments: Wild-**(Corridor and surrounding watershed are virtually undeveloped.) **Hydrologic-**(One of the last remaining examples of a free-flowing, undeveloped, low-order river in this section.)

East Creek	Addison	Confluence with Lake Champlain to confluence of South Fork	8	1982		H	East Creek Comments	
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**East Creek Comments: Historic-**(Segment includes the site of Mount Independence, a significant American Revolutionary Fort and a National Historic Landmark.)

Green River	Windham	Vermont-MA state border to headwaters	12	1982		O	See Green River Comments	
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**Green River Comments: Botanic-**(Headwaters include Gates Pond, which has a variety of inland wetland plant communities which is unusual in the southern portion of this section.)

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Hoosic River	Bennington	Hoosic Falls to near North Pownal	10	1982		O	Archaeologic-(Corridor contains 10 known prehistoric archaeological sites.)	NY
Huntington River	Chittenden	Confluence with Winooski River to headwaters	18	1982		O	See Huntington River Comments	
<b><u>Huntington River Comments:</u></b> Archaeologic-(Segment includes a significant number and diversity of known prehistoric sites and historic archaeological mill sites.)								
Lamoille River	Lamoille	From Cambridge Junction to Cadys Falls	13	1982		G, C	See Lamoille River Comments1	
Gihon River	Lamoille	Confluence with Lamoille River to North Hyde Park	7	1982		G, C	See Lamoille River Comments1	
Watersman Brook	Lamoille	Confluence with Lamoille River to headwaters	4	1982		G, C	See Lamoille River Comments1	
<b><u>Lamoille River Comments1:</u></b> Geologic-(Segment contains a high diversity of geologic features including oxbow lakes and ponds, and related glacial features in the river corridor. River is also noted for potholes, a natural bridge, 300' bluff and the Ithiel Falls gorge.) <b>Cultural</b> -(Segment includes 7 covered bridges.)								

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Lamoille River	Chittenden	Confluence with Lake Champlain to West Milton	5	1982		G, W	See Lamoille River Comments2	

**Lamoille River Comments2: Geologic-**(Segment is an excellent example of a river delta developing into a freshwater lake. Unique sea caves on cliff at river mouth were formed during the Pleistocene period by the Champlain Sea.)

Lamoille River	Lamoille	Fairfax Falls to Jeffersonville	10	1982		S, O	See Lamoille River Comments3	
Brewster River	Lamoille	Confluence with Lamoille River to Sterling Pond	7	1982		S, O	See Lamoille River Comments3	

**Lamoille River Comments3: Botanic-**(Segment includes the regionally unique Cambridge Pine Woods stand of mature white pine with trunk diameters of up to 48 inches.) **Scenic-**(Segment includes a variety of stream channel variation and topographic variation including a deep ravine and falls.)

Lamoille River	Caledonia, Orleans	Hardwick to the headwaters at Horse Pond	12	1982				
Lewis Creek	Addison, Chittenden	Confluence with Lake Champlain to headwaters	26	1982		G	See Lewis Creek Comments	

**Lewis Creek Comments: Geologic-**(Segment includes the Hinesburg Delta, a glacial delta unique in its exposure and its well-developed character. Segment also includes unique two-room cave formation.)

Mad River	Washington	Folsom Brook to headwaters	9	1982		R	See Mad River Comments	
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**Mad River Comments: Recreation-**(Entire river significant for seasonal whitewater canoeing including Class II and III gradients.)

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Missisquoi River	Franklin	Confluence with Lake Champlain to Swanton	6	1982		W	See Missisquoi River Comments1	
<b><u>Missisquoi River Comments1:</u> Wildlife-</b> (Segment includes Missisquoi National Wildlife Refuge, a unique delta island supporting diverse bird life.)								
Missisquoi River	Orleans	Canadian border to the headwaters of Burgess Branch	25	1982		W, O	See Missisquoi River Comments2	
<b><u>Missisquoi River Comments2:</u> Wildlife-</b> (Habitat of rare and endangered osprey.) <b>Botanic-</b> (Segment includes the nationally recognized Shad Island Natural Area which includes a vast array of aquatic vegetation types.)								
New Haven River	Addison	Confluence with Otter Creek to South Lincoln	20	1982		G	See New Haven River Comments	
New Haven River	Addison	Proclamation Boundary to Proclamation Boundary	1	1982/ 1993				
<b><u>New Haven River Comments:</u> Geologic-</b> (Segment includes New Haven River Gorge with significant exposed, eroded bedrock and a series of rapids, cascades, and waterfalls.)								
Nulhegan River, East Branch	Essex	Nulhegan River to near Little Averill Lake	12	1982		C, O	See Nulhegan River Comments	
Nulhegan River, North Branch	Essex	Connecticut River to headwaters N. Br.	20	1982		C, O	See Nulhegan River Comments	

**Nulhegan River Comments:** **Wild-**(Corridor and watershed are essentially undeveloped. Over half of segment is extremely inaccessible.)  
**Cultural-**(Major portion of corridor was an old Indian water route between St. Lawrence Valley and the Connecticut River Valley.)

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Old City Brook	Orange	Confluence with West Branch of Ompompanoosuc River to headwaters	8	1982		O	Botanic-(Segment includes Old City Falls Ravine, the site of an extensive virgin hemlock stand.)	
Ottauquechee River	Windsor, Rutland	Woodstock to headwaters	23	1982		R	See Ottauquechee River Comments	

**Ottauquechee River Comments:** **Recreation-**(Segment contains a unique diversity of natural and cultural features including a system of glacial eskers, a section of Class IV gradient, two covered bridges and a diversity of culturally significant land uses.)

Otter Creek	Rutland, Bennington	South Wallingford to North Dorset	1	1982/ 1993				
Otter Creek	Addison, Rutland	South of Middlebury to Florence	25	1982		H, O	See Otter Creek Comments1	

**Otter Creek Comments1:** **Botanic-**(Cornwall Swamp is a vast swamp forest which represents the only sizeable swamp forest of its type in the state.) **Hydrologic-**(The last remaining relatively undeveloped free-flowing river in the section.) **Historic-**(Corridor contains 7 historic covered bridges, the distribution and density of which is unique to the northeast region.)

Otter Creek	Addison	Vergennes to below Weybridge	10	1982		H	See Otter Creek Comments2	
Lemon Fair River	Addison	Confluence with Otter Creek to headwaters	26	1982		H	See Otter Creek Comments2	

**Otter Creek Comments2: Historic**-(Entire River corridor is the path of a significant former Indian water route.)

Otter Creek	Rutland, Bennington	Rutland to headwaters	33	1982		O	See Otter Creek Comments3	
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**Otter Creek Comments3: Hydrologic**-(One of the longest relatively undeveloped, free-flowing river segments in the section.)

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
Paul Stream	Essex	Confluence with Connecticut River to West Mountain	14	1982		O	See Paul Stream Comments	

**Paul Stream Comments: Botanic**-(Corridor includes Franklin Bog, an excellent example of the relatively rare northern sphagnum bogs and a National Natural Landmark.)

South Fork	Addison	Confluence with East Creek to Stacy Crossroads	5	1982		O	See South Fork Comments	
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**South Fork Comments: Archaeologic**-(Segment includes a regionally significant quantity of known prehistoric archaeological sites.)

Waits River	Orange	Bradford to headwaters	18	1982		H	See Waits River Comments	
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**Waits River Comments: Historic**-(Segment includes the National Historic District in Waits River.)

Walloomsac Brook	Bennington	Proclamation Boundary to confluence of Bolles Brook and city stream	2	1982/ 1993				
Walloomsac Brook	Bennington	Woodford Hollow to Woodford	4	1982		W	See Walloomsac BrookComments1	

Bolles Brook	Bennington	Confluence with Walloomsac Brook to headwaters	6	1982		W	See Walloomsac BrookComments1	
Bolles Brook	Bennington	Walloomsac Brook to Source	4	1982/ 1993				

**Walloomsac Brook Comments1: Wildlife-**(Segment includes highest concentration of beaver ponds in this section. The Stamford and Woodford plateaus include over 3,000 acres of significant inland wetlands.)

Walloomsac Brook	Bennington	Walloomsac to Bennington Country Club	10	1982		C, O	See Walloomsac BrookComments2	
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**Walloomsac Brook Comments2:** Cultural-(Corridor includes numerous historic structures from the Colonial era, two covered bridges, and a significant former Indian water route.)

Botanic-(Corridor includes the northernmost occurrence of tulip poplars in the northeast.)

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
West River	Windham	Route 100 to headwaters	2	1982/ 1993	S	S	Headwaters section undeveloped, very scenic.	
West River	Windham	Ball Mountain to headwater	22	1982		S, R	See West River Comments1	
Winhall River	Windham	Confluence with West River to headwaters of East and West Branches	16	1982		S, R	See West River Comments1	

Winhall River	Windham	Proclamation Boundary to Source	2	1982/1993				
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**West River Comments1: Recreation**-(Highly used and regionally unique river segment which includes sections of class IV gradient.) **Scenic**-(Unique and diverse juxtaposition and combination of land, water and vegetation elements.)

West River	Windham	West Townshend to Ball Mountain	8	1982		S, R	See West River Comments2	
Wardsboro Brook	Windham	Confluence with West River to headwaters	12	1982		S, R	See West River Comments2	
Wardsboro River	Windham	First bridge on route 100 to headwaters	8	1982/1993	R	S, R		
Wardsboro River	Windham	Confluence with West River to first bridge on Route 100	1	1982/1993	S	S, R		

**West River Comments2: Recreation**-(Highly used and regionally unique river segment which includes sections of class IV gradient.) **Scenic**-(A unique density and diversity of spatial enclosures, topographic features, hydrologic and vegetative elements, including a series of waterfalls, pools and potholes.)

West River	Windham	Williamson Station to Townshend Dam	11	1982		S, R, G	See West River Comments3	
Rock River	Windham	Confluence with West River to headwaters	12	1982		S, R, G	See West River Comments3	

**West River Comments3: Recreation**-(Highly used river segment possessing a diversity of experiences and easy access.) **Scenic**-(A unique and diverse range of views related to a variety of spatial enclosures, topographic diversity and land uses.) **Geologic**-(3 state significant geologic features within or adjacent to the corridor.)

River	County	Reach	Length (miles)	Year Listed/ Updated	Potential Classification	ORVs	Description	Other States
White River	Windsor, Addison, Rutland	Proclamation Boundary to source above FR 55	37	1982/ 1993				
White River	Windsor	Hartford to South Royalton	15	1982		R	See White River Comments1	

**White River Comments1: Recreation-**(A unique diversity of natural and cultural features including Class III gradient, an old Indian travel route, a high number of islands, and a diversity of culturally significant land uses.)

White River	Windsor, Addison, Rutland	South Royalton to headwaters	37	1982		S, F, H	See White River Comments2	
White River, First Branch	Orange, Windsor	Confluence with White River to headwaters	21	1982		S, F, H	See White River Comments2	
White River, Second Branch	Orange, Windsor	Confluence with White River to headwaters	22	1982		S, F, H	See White River Comments2	
White River, Third Branch	Orange, Windsor	Confluence with White River to headwaters	24	1982		S, F, H	See White River Comments2	

**White River Comments2: Historic-**(A variety of regionally significant historic and cultural features are present in the segment including an old Indian water route, bee-hive dwellings, and an old talc mill site.) **Scenic-**(A high range and diversity of views due to open low mountain topography, land use diversity and vegetation.) **Fish-**(Includes one of seven regional federal fish hatcheries. All segments are either currently being restored as Atlantic Salmon rivers or were historically such.)

River	County	Reach	Length (miles)	Year Listed/Updated	Potential Classification	ORVs	Description	Other States
Winooski River	Chittenden	Above Richmond to Bolton Falls	8	1982		G, O	See Winooski River Comments	

**Winooski River Comments:** **Geologic-**(Segment possesses a unique diversity of geologic features, including Duck Brook cascades, large boulder outcrops, and an excellent example of glacial delta.) **Archaeologic-**(Segment includes a significant number and diversity of known prehistoric sites and historic archaeological mill sites.)

## **Outstanding Resource Values (ORV) Definitions:**

**Scenery (S):** The landscape elements of landform, vegetation, water, color, and related factors result in notable or exemplary visual features and/or attractions. When analyzing scenic values, additional factors -- such as seasonal variations in vegetation, scale of cultural modifications, and the length of time negative intrusions are viewed -- may be considered. Scenery and visual attractions may be highly diverse over the majority of the river or river segment.

**Recreation (R):** Recreational opportunities are, or have the potential to be, popular enough to attract visitors from throughout or beyond the region of comparison or are unique or rare within the region. Visitors are willing to travel long distances to use the river resources for recreational purposes. River-related opportunities could include, but are not limited to, sightseeing, wildlife observation, camping, photography, hiking, fishing and boating.

- Interpretive opportunities may be exceptional and attract, or have the potential to attract, visitors from outside the region of comparison.
- The river may provide, or have the potential to provide, settings for national or regional usage or competitive events.

**Geology (G):** The river, or the area within the river corridor, contains one or more example of a geologic feature, process or phenomenon that is unique or rare within the region of comparison. The feature(s) may be in an unusually active stage of development, represent a "textbook" example, and/or represent a unique or rare combination of geologic features (erosional, volcanic, glacial, or other geologic structures).

**Fish (F):** Fish values may be judged on the relative merits of either fish populations, habitat, or a combination of these river-related conditions.

- *Populations:* The river is nationally or regionally an important producer of resident and/or anadromous fish species. Of particular significance is the presence of wild stocks and/or federal or state listed (or candidate) threatened, endangered or sensitive species. Diversity of species is an important consideration and could, in itself, lead to a determination of "outstandingly remarkable."
- *Habitat:* The river provides exceptionally high quality habitat for fish species indigenous to the region of comparison. Of particular significance is habitat for wild stocks and/or federal or state listed (or candidate) threatened, endangered or sensitive species. Diversity of habitats is an important consideration and could, in itself, lead to a determination of "outstandingly remarkable."

**Wildlife (W):** Wildlife values may be judged on the relative merits of either terrestrial or aquatic wildlife populations or habitat or a combination of these conditions.

- *Populations:* The river, or area within the river corridor, contains nationally or regionally important populations of indigenous wildlife species. Of particular significance are species considered to be unique, and/or populations of federal or state listed (or candidate) threatened, endangered or sensitive species. Diversity of species is an important consideration and could, in itself, lead to a determination of "outstandingly remarkable."
- *Habitat:* The river, or area within the river corridor, provides exceptionally high quality habitat for wildlife of national or regional significance, and/or may provide unique habitat or a critical link in habitat conditions for federal or state listed (or candidate) threatened, endangered or sensitive species. Contiguous habitat conditions are such that the biological needs of the species are met. Diversity of habitats is an important consideration and could, in itself, lead to a determination of "outstandingly remarkable."

**Prehistory (P):** The river, or area within the river corridor, contains a site(s) where there is evidence of occupation or use by Native Americans. Sites must have unique or rare characteristics or exceptional human interest value(s). Sites may have national or regional importance for interpreting prehistory; may be rare and represent an area where a culture or cultural period was first identified and described; may have been used concurrently by two or more cultural groups; and/or may have been used by cultural groups for rare sacred purposes. Many such sites are listed on the National Register of Historic Places, which is administered by the NPS.

**History (H):** The river or area within the river corridor contains a site(s) or feature(s) associated with a significant event, an important person, or a cultural activity of the past that was rare or one-of-a-kind in the region. Many such sites are listed on the National Register of Historic Places. A historic site(s) and/or features(s) is 50 years old or older in most cases.

**Cultural (C):** The river or area within the river corridor contains archaeological sites or areas significant to traditional cultures. Examples might be American Indian burial grounds, petroglyphs, the oldest known human use site in a region, or streams that support traditional agriculture, subsistence fishing, or religious ceremonies.

**Other Values (O):** While no specific national evaluation guidelines have been developed for the "other similar values" category, assessments of additional river-related values consistent with the foregoing guidance may be developed -- including, but not limited to, hydrology, paleontology and botany resources.