



# Appendix E

ATTRIBUTES TABLE

## APPENDIX E: ATTRIBUTES TABLE

**Reproducing Species/Strain Present** – Species/strain of trout currently present and reproducing in lake. Subspecies or strain (stock) of trout species is indicated if known.

**Stocked Species/Strain Present** – Species/strain of stocked trout currently present in lake, but not reproducing. Assuming an approximate maximum life span of 10 years (range of 7–14 years), trout planted after 1993 (stocked in 1994 or later) are likely to currently (2003) be present in lake.

**Stocked Species Scheduled for Stocking** – Species/strain scheduled for planting under current WDFW management plan. Subspecies or strain (stock) of trout species is indicated if known.

**Stocked Species/Strains Historically Present** – All of the species/strains of trout historically planted in lake. Subspecies or strain (stock) of trout species is indicated if known.

**Outside Range of Caudata** – Lake is either outside range of salamander species native to North Cascades Complex or in alpine habitat without necessary habitat components to sustain a population of long-toed or northwestern salamanders.

**Within Range of AMMA** – Lake is within the range of distribution for long-toed salamanders and has appropriate habitat. Perennial lakes that are within the range of northwestern salamanders and have suitable habitat are assumed (with rare exceptions) to not contain a population of long-toed salamanders.

**Within Range of AMGR** – Lake is within the range of distribution for northwestern salamanders, has appropriate habitat, and is perennial.

**AMMA or AMGR Present** – Species was observed during amphibian survey of lake.

**Index of Connectivity** – An index of connectivity based on weighted calculations of potential salamander breeding lake (lakes within range of salamander distribution and having appropriate habitat) density (lakes/acre) within a target lake's basin (major tributary basin), Documented salamander breeding Lakes within 6 kilometers (km) (maximum colonization distance) of target lake, and number of potential salamander lakes with 0.6 km (maximum dispersal distance) of target lake. Lakes with an index of 0.7–0.9 have high connectivity; lakes with an index of 0.4–0.6 have moderate connectivity; lakes with an index of 0–0.3 have poor connectivity; and lakes with less than 0.0 index of connectivity can be considered isolated.

### Abbreviations of Species/Strain Names

<i>Oncorhynchus</i>	This designation is used where trout of the genus <i>Oncorhynchus</i> have been stocked, but the species was not recorded.
OC = <i>Oncorhynchus clarki</i>	This is a generic designation used for cutthroat trout where the subspecies or strain is not known. Usually these fish are Twin Lake strain westslope cutthroat.
OCB = <i>Oncorhynchus clarki bouvieri</i>	Large spotted interior cutthroat trout subspecies (Yellowstone cutthroat trout) native to the Yellowstone River and Upper Snake River (above Shoshone Falls) drainages. Hatcheries in Montana were the usual broodstock source for this species. A common local name for these fish is "Montana Blackspot."
OCC = <i>Oncorhynchus clarki clarki</i>	Coastal cutthroat trout. Usually, these fish are of the "Tokul Creek" hatchery strain.
OCL = <i>Oncorhynchus clarki lewisi</i>	Westslope cutthroat trout, strain unknown. A common local name for these fish is "intermontane" cutthroat trout. This subspecies of cutthroat trout is native to the east side of the Cascade Mountains; the west sides of the Rocky Mountains from the Snake River (below Shoshone Falls), north; and the east sides of the Rocky Mountains north of the Yellowstone River.
OCL(TL) = <i>Oncorhynchus clarki lewisi</i>	Twin Lake strain westslope cutthroat. This wild strain of westslope cutthroat from Twin Lakes in Chelan County, Washington, has been the primary source of westslope cutthroat trout broodstock planted in the Cascade and Olympic mountains of Washington since 1915.
OCB(HL) = <i>Oncorhynchus clarki bouvieri</i>	Henry Lake, Idaho wild strain of Yellowstone cutthroat.
OCLxOM	Westslope cutthroat/rainbow hybrid.
OM = <i>Oncorhynchus mykiss</i>	This is a generic designation used for rainbow trout where the subspecies or strain is not known.
OM(MW) = <i>Oncorhynchus mykiss</i>	Mount Whitney strain rainbow trout. This hatchery strain of rainbow is not known to spawn in Washington mountain lakes.



A P P E N D I X E S

OM(PL) = <i>Oncorhynchus mykiss</i>	Packwood Lake strain rainbow trout. This wild strain of rainbow from Packwood Lake in Lewis County, Washington, was the primary source of rainbow trout broodstock in Washington from 1917 to 1934.
OM(ST) = <i>Oncorhynchus mykiss</i>	Steelhead trout (anadromous rainbow trout).
OM(STAC) = <i>Oncorhynchus mykiss</i>	South Tacoma strain of hatchery rainbow trout.
OM(KAM) = <i>Oncorhynchus mykiss gairdneri</i>	Kamloops trout are a wild strain of resident interior "redband" rainbow trout from British Columbia, Canada. Most Kamloops rainbow trout planted in Washington mountain lakes are probably derived from a wild broodstock in Pennask Lake, British Columbia.
OM(HG) = <i>Oncorhynchus mykiss</i>	Hagerman strain rainbow trout. This hatchery strain of rainbow is obtained from Hagerman, Idaho.
OM(RL) = <i>Oncorhynchus mykiss irideus</i>	Ross Lake rainbow trout are a wild strain of resident coastal rainbow trout native to Ross Lake, Washington.
OMA = <i>Oncorhynchus mykiss aquabonita</i>	Subspecies of rainbow trout.
SF = <i>Savelinus fontinalis</i>	Brook trout are a char native to eastern North America. This fish is often called "Eastern" brook trout in the west, where the name was historically used to distinguish them from rainbow trout (which were originally also "brook trout").



TABLE E-1: ATTRIBUTES OF 91 LAKES, INCLUDING CURRENT AND PROPOSED MANAGEMENT

<b>Azure</b>			
NPS lake code: MP-09-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	North Gorge/Diablo Lakes	Year initially stocked	1938
Secondary Drainage 2	Stetattle Creek	Year last stocked	1961
Elevation	4,055 feet	Current stocking method	—
UTM_E	628433.3125	Outside range of Caudata	Yes
UTM_N	5402997.5000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County (CO)	Whatcom	AMMA present	—
Maximum Depth	344.5 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	8,543.31 feet	AMGR present	—
Lake or pond surface area	91.6 acres	Number of times stocked since .....?	2
Median Epilimnetic (surface) water temperature	8.5°C	Forest	0%
TKN – median	—	Shrub	12%
Fishing potential (based on Trailblazer data)	Fair	Meadow	2%
Shoreline development (ratio between perimeter and surface area)	1.207	Talus	31%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	55%
Inflow type	Ephemeral	Vegetation zone	Alpine
Number of outflow streams	1	Cross-country zone	Elephant Butte
Isolated from any other lake or pond within 2,000 feet	No	Camp name	—
Lake shares drainage with other lakes (other lakes denoted)	Yes (MP-08-01, DD-01-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	7,968 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	3.1 miles
Species/strains historically present	OM, OMA	Number of overnight visitors to cross-country zone annually	37
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Battalion</b>			
NPS lake code: MLY-02-01			
Current management: Has reproducing fish and is stocked; located in Lake Chelan NRA and managed by WDFW.			
Major Drainage	Stehekin	Stocking density (fish/acre)	50
Secondary Drainage 1	Company Creek	Year initially stocked	1978
Secondary Drainage 2	Battalion Creek	Year last stocked	1996
Elevation	5,340 feet	Current stocking method	Backpack; fixed-wing aircraft
UTM_E	663973.5000	Outside range of Caudata	—
UTM_N	5356903.7500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	No
Maximum Depth	15.6 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,096.46 feet	AMGR present	No
Lake or pond surface area	6.3 acres	Number of times stocked since .....?	4
Median Epilimnetic (surface) water temperature	12.2°C	Forest	9%
TKN – median	0.035 mg/L	Shrub	39%
Fishing potential (based on Trailblazer data)	Fair	Meadow	20%
Shoreline development (ratio between perimeter and surface area)	1.130	Talus	32%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Perennial	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Battalion
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MLY-01-01)	Camp type	—
Index of connectivity	0.0	Distance to closest lake	826 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OM	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.2 miles
Species/strains historically present	OM,OM(MW)	Number of overnight visitors to cross-country zone annually	0
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	0



<b>Bear</b>			
NPS lake code: MC-12-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Bear Creek	Year initially stocked	1967
Secondary Drainage 2	Upper Bear Creek	Year last stocked	1967
Elevation	5,795 feet	Current stocking method	—
UTM_E	623700.4375	Outside range of Caudata	Yes
UTM_N	5422478.5000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	151.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	4,960.63 feet	AMGR present	—
Lake or pond surface area	25.7 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	11.4°C	Forest	0%
TKN – median	0.012 mg/L	Shrub	30%
Fishing potential (based on Trailblazer data)	Good	Meadow	6%
Shoreline development (ratio between perimeter and surface area)	1.324	Talus	63%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	8	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Bear Mountain
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Bear Creek
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-45-01, MC-47-01, Chilliwack Lake)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	9,023 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	Yes
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	3.7 miles
Species/strains historically present	OCL(TL)	Number of overnight visitors to cross-country zone annually	30
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	3



<b>Berdeen</b>			
NPS lake code: M-08-01			
Current management: Has reproducing fish and is stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	50
Secondary Drainage 1	Bacon Creek	Year initially stocked	1946
Secondary Drainage 2	Upper Bacon Creek	Year last stocked	1995
Elevation	5,000 feet	Current stocking method	Fixed-wing aircraft*
UTM_E	613080.4250	Outside range of Caudata	Yes
UTM_N	5396745.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	215 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	16,571.52 feet	AMGR present	—
Lake or pond surface area	126.7 acres	Number of times stocked since .....?	7
Median Epilimnetic (surface) water temperature	9.3°C	Forest	0%
TKN – median	—	Shrub	20%
Fishing potential (based on Trailblazer data)	Good	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.990	Talus	54%
Inlet or outlet	Yes	Bedrock	26%
Number of inflow streams	6	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Berdeen
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-09-01, M-05-01, M-06-01, M-07-01, M-04-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	223 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	4.3 miles
Species/strains historically present	OCL(TL), OM, OM(MW)	Number of overnight visitors to cross-country zone annually	48
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	5

**Note:**

\* Has not been stocked in the recent past, but contains reproducing populations of fish.



<b>Berdeen, Lower</b>			
NPS lake code: M-07-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Bacon Creek	Year initially stocked	1946
Secondary Drainage 2	Upper Bacon Creek	Year last stocked	1946
Elevation	4,460 feet	Current stocking method	—
UTM_E	612074.7188	Outside range of Caudata	—
UTM_N	5395790.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	36.1 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,201.44 feet	AMGR present	No
Lake or pond surface area	7.5 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	2°C	Forest	0%
TKN – median	0.02 mg/L	Shrub	53%
Fishing potential (based on Trailblazer data)	Good	Meadow	21%
Shoreline development (ratio between perimeter and surface area)	1.089	Talus	26%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	Perennial	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Berdeen
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-08-01, M-06-01, M-05-01, M-04-01, M-09-01)	Camp type	—
Index of connectivity	0.4	Distance to closest lake	768 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	4.3 miles
Species/strains historically present	OCL(TL), SF, OM	Number of overnight visitors to cross-country zone annually	48
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	5





<b>Berdeen, Upper</b>			
NPS lake code: M-09-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Bacon Creek	Year initially stocked	Not applicable
Secondary Drainage 2	Upper Bacon Creek	Year last stocked	Not applicable
Elevation	5,050 feet	Current stocking method	—
UTM_E	—	Outside range of Caudata	Yes
UTM_N	—	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	—	AMGR present	—
Lake or pond surface area	9.5 acres	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	63%
Fishing potential (based on Trailblazer data)	—	Meadow	7%
Shoreline development (ratio between perimeter and surface area)	—	Talus	30%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Berdeen
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	—	Camp type	—
Index of connectivity	—	Distance to closest lake	—
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OCL(TL)	Number of overnight visitors to cross-country zone annually	48
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>Blum, Largest/Middle, No. 3</b>			
NPS lake code: M-11-01			
Current management: Has reproducing fish and is stocked; located in the north unit of the national park.			
Major Drainage	Baker	Stocking density (fish/acre)	50
Secondary Drainage 1	Baker River	Year initially stocked	1938
Secondary Drainage 2	Blum Creek	Year last stocked	1994
Elevation	5,030 feet	Current stocking method	Backpack; fixed-wing aircraft; unknown
UTM_E	610685.1250	Outside range of Caudata	—
UTM_N	5400563.5000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Unknown
Maximum Depth	42 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,218.50 feet	AMGR present	—
Lake or pond surface area	12.9 acres	Number of times stocked since .....?	4
Median Epilimnetic (surface) water temperature	11°C	Forest	0%
TKN – median	—	Shrub	47%
Fishing potential (based on Trailblazer data)	Good	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.211	Talus	53%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Blum
Isolated from any other lake or pond within 2,000 feet	No	Camp name	BLC01
Lake shares drainage with other lakes (other lakes denoted)	Yes (LS-07-01)	Camp type	Cross-country
Index of connectivity	0.3	Distance to closest lake	275 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	OM	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	2.5 miles
Species/strains historically present	SF, OM(MW), OM, OMA	Number of overnight visitors to cross-country zone annually	37
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	4



<b>Blum, Lower/West, No. 4</b>			
NPS lake code: LS-07-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Baker	Stocking density (fish/acre)	—
Secondary Drainage 1	Baker River	Year initially stocked	1934
Secondary Drainage 2	Blum Creek	Year last stocked	1934
Elevation	4,940 feet	Current stocking method	—
UTM_E	610273.3750	Outside range of Caudata	—
UTM_N	5400321.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	No
Maximum Depth	25.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,978.35 feet	AMGR present	No
Lake or pond surface area	6.4 acres	Number of times stocked since .....	1
Median Epilimnetic (surface) water temperature	12.9°C	Forest	0%
TKN – median	0.02 mg/L	Shrub	30%
Fishing potential (based on Trailblazer data)	Good	Meadow	70%
Shoreline development (ratio between perimeter and surface area)	1.059	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	2	Cross-country zone	Blum
Isolated from any other lake or pond within 2,000 feet	No	Camp name	BLC01
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-11-01)	Camp type	Cross-country
Index of connectivity	0.2	Distance to closest lake	275 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	SF	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	2.5 miles
Species/strains historically present	SF	Number of overnight visitors cross-country zone annually	37
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	4



<b>Blum, Small/North, No. 2</b>			
NPS lake code: MC-01-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Baker	Stocking density (fish/acre)	—
Secondary Drainage 1	Baker River	Year initially stocked	1938
Secondary Drainage 2	Blum Creek	Year last stocked	1938
Elevation	5,620 feet	Current stocking method	—
UTM_E	618360.9063	Outside range of Caudata	—
UTM_N	5391721.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	10 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	544.62 feet	AMGR present	No
Lake or pond surface area	0.9 acre	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	19.5°C	Forest	0%
TKN – median	0.06 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	None	Meadow	44%
Shoreline development (ratio between perimeter and surface area)	1.421	Talus	56%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	4	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Blum
Isolated from any other lake or pond within 2,000 feet	No	Camp name	BLC01
Lake shares drainage with other lakes (other lakes denoted)	No (MC-01-02?, MC-02-01?)	Camp type	Cross-country
Index of connectivity	0.3	Distance to closest lake	7 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	2.5 miles
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	37
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Blum, Vista/Northwest, No. 1</b>			
NPS lake code: MC-02-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Baker	Stocking density (fish/acre)	—
Secondary Drainage 1	Baker River	Year initially stocked	1968
Secondary Drainage 2	Blum Creek	Year last stocked	1968
Elevation	5,900 feet	Current stocking method	—
UTM_E	610568.0625	Outside range of Caudata	—
UTM_N	5401157.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	35 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	967.85 feet	AMGR present	No
Lake or pond surface area	2.7 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	11.0°C	Forest	0%
TKN – median	0.04 mg/L	Shrub	37%
Fishing potential (based on Trailblazer data)	None	Meadow	14%
Shoreline development (ratio between perimeter and surface area)	1.382	Talus	49%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Blum
Isolated from any other lake or pond within 2,000 feet	No	Camp name	BLC01
Lake shares drainage with other lakes (other lakes denoted)	No (MC-01-01?, MC-01-02?)	Camp type	Cross-country
Index of connectivity	0.3	Distance to closest lake	372 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	2.5 miles
Species/strains historically present	OMA	Number of overnight visitors to cross-country zone annually	37
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Bouck, Lower</b>			
NPS lake code: DD-04-01			
Current management: Has reproducing fish; located in Ross Lake NRA.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	South Gorge Lake	Year initially stocked	1939
Secondary Drainage 2	Bouck Creek	Year last stocked	1947
Elevation	3,850 feet	Current stocking method	—
UTM_E	633736.0938	Outside range of Caudata	—
UTM_N	5393719.5000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	63.2 feet	Within range of AMGR (northwestern salamander)	Yes
Perimeter	2,851.05 feet	AMGR present	Unknown
Lake or pond surface area	10.8 acres	Number of times stocked since .....?	2
Median Epilimnetic (surface) water temperature	11.2°C	Forest	60%
TKN – median	0.04 mg/L	Shrub	18%
Fishing potential (based on Trailblazer data)	Good	Meadow	22%
Shoreline development (ratio between perimeter and surface area)	1.172	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Perennial	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Bouck
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (DD-05-01, DD-03-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	1,282 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OCL	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	1.2 miles
Species/strains historically present	OC, OCL	Number of overnight visitors to cross-country zone annually	11
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>Bouck, Upper</b>			
NPS lake code: DD-05-01			
Current management: Stocked; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	60
Secondary Drainage 1	South Gorge Lake	Year initially stocked	1968
Secondary Drainage 2	Bouck Creek	Year last stocked	1999
Elevation	5,030 feet	Current stocking method	Backpack
UTM_E	634995.6250	Outside range of Caudata	—
UTM_N	5393470.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	29 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,132.55 feet	AMGR present	No
Lake or pond surface area	5.5 acres	Number of times stocked since .....?	6
Median Epilimnetic (surface) water temperature	10.5°C	Forest	23%
TKN – median	0.06 mg/L	Shrub	17%
Fishing potential (based on Trailblazer data)	Fair	Meadow	20%
Shoreline development (ratio between perimeter and surface area)	1.232	Talus	41%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Bouck
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (DD-04-01, DD-03-01)	Camp type	—
Index of connectivity	0.2	Distance to closest lake	1,282 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OMA	Line of sight distance to trail	1.9 miles
Species/strains historically present	OMA	Number of overnight visitors to cross-country zone annually	11
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>Bowan</b>			
NPS lake code: MR-12-01			
Current management: Stocked; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	125
Secondary Drainage 1	Rainbow Creek	Year initially stocked	1983
Secondary Drainage 2	Bowan Creek	Year last stocked	2002
Elevation	6,495 feet	Current stocking method	Backpack
UTM_E	669404.4375	Outside range of Caudata	—
UTM_N	5363995.2500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	13.1 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,017.06 feet	AMGR present	No
Lake or pond surface area	1.5 acres	Number of times stocked since .....?	4
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	0.085 mg/L	Shrub	24%
Fishing potential (based on Trailblazer data)	Fair	Meadow	76%
Shoreline development (ratio between perimeter and surface area)	1.135	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Rainbow Ridge
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Bowan
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-16-01, MR-11-01, MR-15-01, MR-15-02, MR-14-01, . . . )	Camp type	Hiker
Index of connectivity	0.4	Distance to closest lake	5,508 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	2.5 miles
Species/strains historically present	OM(MW)	Number of overnight visitors to cross-country zone annually	6
Stocking frequency (years of cycle)	6	Number of anglers annually (based on 10% assumption of total visitors)	1





<b>Coon</b>			
NPS lake code: MM-10-01			
Current management: Stocked; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	90
Secondary Drainage 1	Coon Creek	Year initially stocked	1915
Secondary Drainage 2		Year last stocked	2000
Elevation	2,172 feet	Current stocking method	Fixed-wing aircraft; unknown
UTM_E	660536.6563	Outside range of Caudata	—
UTM_N	5361590.2500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	19 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,038.06 feet	AMGR present	No
Lake or pond surface area	11.3 acres	Number of times stocked since .....?	16
Median Epilimnetic (surface) water temperature	16.6°C	Forest	29%
TKN – median	0.147 mg/L	Shrub	13%
Fishing potential (based on Trailblazer data)	Good	Meadow	58%
Shoreline development (ratio between perimeter and surface area)	1.219	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Low forest
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	High Bridge/Bullion
Lake shares drainage with other lakes (other lakes denoted)	Yes (GM-02-01, MM-06-01, MM-07-01, MM-08-01, MLY-0101, . . .)	Camp type	Auto
Index of connectivity	-0.2	Distance to closest lake	16,637 feet
Observed fish reproduction	—	Accessible by horseback	Yes
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	Yes
Stocked spp/strain present	OCL(TL)	Line of sight distance to trail	0 mile
Species/strains historically present	OCL(TL), SF, OM, OCL	Number of overnight visitors to nearest camp annually	306
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	31



<b>Copper</b>			
NPS lake code: MC-06-01			
Current management: Stocked; located in the north unit of the national park. In August 2004, Copper Lake was found fishless, possibly due to disease.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	65
Secondary Drainage 1		Year initially stocked	1937
Secondary Drainage 2		Year last stocked	1998
Elevation	5,263 feet	Current stocking method	Fixed-wing aircraft; unknown
UTM_E	610362.1875	Outside range of Caudata	—
UTM_N	5401594.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	67.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,630.58 feet	AMGR present	No
Lake or pond surface area	12.9 acres	Number of times stocked since .....?	9
Median Epilimnetic (surface) water temperature	10.3°C	Forest	0%
TKN – median	0.0315 mg/L	Shrub	37%
Fishing potential (based on Trailblazer data)	Fair	Meadow	5%
Shoreline development (ratio between perimeter and surface area)	1.350	Talus	59%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	0	Cliff	0%
Inflow type	Subsurface	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Copper Lake
Lake shares drainage with other lakes (other lakes denoted)	No	Camp type	Hiker
Index of connectivity	-1.4	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	Yes
Stocked spp/strain present	OM(MW), OCC	Line of sight distance to trail	1.9 miles
Species/strains historically present	SF, OC, OCC, OCL(TL), OM(MW)	Number of overnight visitors to nearest camp annually	268
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	27



<b>Dagger</b>			
NPS lake code: MR-04-01			
Current management: Has reproducing fish; located in the south unit of the national park.			
Major Drainage	Stehekin	Stocking density (fish/acre)	—
Secondary Drainage 1	Bridge Creek	Year initially stocked	1934
Secondary Drainage 2	East Fork Bridge Creek	Year last stocked	1934
Elevation	5,508 feet	Current stocking method	—
UTM_E	673404.1250	Outside range of Caudata	—
UTM_N	5370807.2500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	No
Maximum Depth	15.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,188.98 feet	AMGR present	No
Lake or pond surface area	8.2 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	12.3°C	Forest	3%
TKN – median	0.015 mg/L	Shrub	36%
Fishing potential (based on Trailblazer data)	Good	Meadow	60%
Shoreline development (ratio between perimeter and surface area)	1.508	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	CP	Vegetation zone	High forest
Number of outflow streams	—	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Dagger Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-01-01, MR-02-01, MR-03-01)	Camp type	Hiker/stock
Index of connectivity	0.5	Distance to closest lake	1,455 feet
Observed fish reproduction	Yes	Accessible by horseback	Yes
Observed spawning habitat present	Yes	Trailhead outside the park	Yes
Reproducing species present	OC	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OC	Number of overnight visitors to nearest camp annually	164
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	16



<b>Dee Dee, Upper</b>			
NPS lake code: MR-15-01			
Current management: Stocked; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	50
Secondary Drainage 1	Rainbow Creek	Year initially stocked	1983
Secondary Drainage 2		Year last stocked	1999
Elevation	6,303 feet	Current stocking method	Backpack
UTM_E	674007.5313	Outside range of Caudata	—
UTM_N	5363620.7500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	No
Maximum Depth	89.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,825.46 feet	AMGR present	No
Lake or pond surface area	12.2 acres	Number of times stocked since .....?	2
Median Epilimnetic (surface) water temperature	7.4°C	Forest	0%
TKN – median	0.015 mg/L	Shrub	14%
Fishing potential (based on Trailblazer data)	Good	Meadow	6%
Shoreline development (ratio between perimeter and surface area)	1.482	Talus	80%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	Subsurface	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Dee Dee Lakes
Isolated from any other lake or pond within 2,000 feet	No	Camp name	DDC05, DDC01, DDC01S
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-15-02, MR-18-01, MR-11-01, MR-12-01, MR-16-01)	Camp type	Cross-country
Index of connectivity	0.2	Distance to closest lake	88 feet
Observed fish reproduction	—	Accessible by horseback	Yes
Observed spawning habitat present	Yes	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	Yes
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM, OM(MW)	Number of overnight visitors to cross-country zone annually	38
Stocking frequency (years of cycle)	10	Number of anglers annually (based on 10% assumption of total visitors)	4



<b>Dee Dee/Tamarack, Lower</b>			
NPS lake code: MR-15-02			
Current management: Has reproducing fish and a portion of the fish stocked in MR-15-01 drop down into MR-15-02; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	50
Secondary Drainage 1	Rainbow Creek	Year initially stocked	Unknown
Secondary Drainage 2		Year last stocked	Unknown
Elevation	6,260 feet	Current stocking method	—
UTM_E	674044.8750	Outside range of Caudata	—
UTM_N	5363845.0000	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	No
Maximum Depth	9.8 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	718.50 feet	AMGR present	No
Lake or pond surface area	0.8 acre	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	7.1°C	Forest	16%
TKN – median	0.005 mg/L	Shrub	29%
Fishing potential (based on Trailblazer data)	Fair	Meadow	39%
Shoreline development (ratio between perimeter and surface area)	1.105	Talus	16%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	Perennial	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Dee Dee Lakes
Isolated from any other lake or pond within 2,000 feet	No	Camp name	DDC02, DDC03, DDC04, DDC06
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-15-01, MR-18-01, MR-11-01, MR-12-01, MR-16-01)	Camp type	Cross-country
Index of connectivity	0.2	Distance to closest lake	88 feet
Observed fish reproduction	No ** No reproduction according to the Technical Advisory Committee	Accessible by horseback	Yes
Observed spawning habitat present	No	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	Yes
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	—
Species/strains historically present	OM(MW), OCL(TL)	Number of overnight visitors to cross-country zone annually	38
Stocking frequency (years of cycle)	10	Number of anglers annually (based on 10% assumption of total visitors)	4



<b>Despair, Lower</b>			
NPS lake code: M-14-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Goodell Creek	Year initially stocked	1965
Secondary Drainage 2	Lower Goodell Creek	Year last stocked	1965
Elevation	4,820 feet	Current stocking method	—
UTM_E	620043.5000	Outside range of Caudata	Yes
UTM_N	5398225.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	1,089.24 feet	AMGR present	—
Lake or pond surface area	1.7 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	43%
Fishing potential (based on Trailblazer data)	None	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.121	Talus	57%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Despair
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	No	Camp type	—
Index of connectivity	—	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	3.7 miles
Species/strains historically present	OC	Number of overnight visitors to cross-country zone annually	49
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Despair, Upper</b>			
NPS lake code: M-13-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Goodell Creek	Year initially stocked	1965
Secondary Drainage 2	Lower Goodell Creek	Year last stocked	1965
Elevation	5,100 feet	Current stocking method	—
UTM_E	619681.0938	Outside range of Caudata	Yes
UTM_N	5398278.2500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	1,591.21 feet	AMGR present	—
Lake or pond surface area	2.1 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	None	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.483	Talus	100%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Alpine
Number of outflow streams	—	Cross-country zone	Despair
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-21-01, M-16-01, MC-27-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	1,129 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Repro species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	3.7 miles
Species/strains historically present	OC	Number of overnight visitors to cross-country zone annually	49
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Diobsud, No. 1, separate, not connected</b>			
NPS lake code: LS-01-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Diobsud Creek	Year initially stocked	1960
Secondary Drainage 2	Upper Diobsud Creek	Year last stocked	1990
Elevation	4,220 feet	Current stocking method	—
UTM_E	607860.4688	Outside range of Caudata	—
UTM_N	5388784.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	11.2 feet	Within range of AMGR (northwestern salamander)	Yes
Perimeter	846.46 feet	AMGR present	Yes
Lake or pond surface area	1 acre	Number of times stocked since .....	2
Median Epilimnetic (surface) water temperature	14.1°C	Forest	0%
TKN – median	0.08 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Fair	Meadow	76%
Shoreline development (ratio between perimeter and surface area)	1.143	Talus	24%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	0	Cliff	0%
Inflow type	—	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Bacon Peak
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (LS-02-01, LS-03-01, LS-03-FS, LS-12-01)	Camp type	—
Index of connectivity	0.4	Distance to closest lake	1,300 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	3.1 miles
Species/strains historically present	OCL(TL)	Number of overnight visitors to cross-country zone annually	34
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	3





<b>Diobsud, No. 2, Lower</b>			
NPS lake code: LS-02-01			
Current management: Has reproducing fish and is stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	70
Secondary Drainage 1	Diobsud Creek	Year initially stocked	1960
Secondary Drainage 2	Upper Diobsud Creek	Year last stocked	1990
Elevation	4,220 feet	Current stocking method	Backpack; fixed-wing aircraft
UTM_E	607813.8125	Outside range of Caudata	—
UTM_N	5388931.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	17.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,404.20 feet	AMGR present	No
Lake or pond surface area	3.1 acres	Number of times stocked since .....?	3
Median Epilimnetic (surface) water temperature	13.7°C	Forest	0%
TKN – median	0.06 mg/L	Shrub	47%
Fishing potential (based on Trailblazer data)	Good	Meadow	53%
Shoreline development (ratio between perimeter and surface area)	1.076	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Bacon Peak
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (LS-01-01, LS-03-01, LS-03-FS, LS-12-01)	Camp type	—
Index of connectivity	0.5	Distance to closest lake	420 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	3.1 miles
Species/strains historically present	OCL(TL), OM(MW)	Number of overnight visitors to cross-country zone annually	34
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	3



<b>Diobsud, No. 3, Upper</b>			
NPS lake code: LS-03-01			
Current management: Stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	80
Secondary Drainage 1	Diobsud Creek	Year initially stocked	1960
Secondary Drainage 2	Upper Diobsud Creek	Year last stocked	1997
Elevation	4,420 feet	Current stocking method	Backpack; fixed-wing aircraft; unknown
UTM_E	607400.7813	Outside range of Caudata	—
UTM_N	5389244.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	17.1 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,538.71 feet	AMGR present	No
Lake or pond surface area	3.9 acres	Number of times stocked since .....?	7
Median Epilimnetic (surface) water temperature	14.8°C	Forest	0%
TKN – median	0.0545 mg/L	Shrub	24%
Fishing potential (based on Trailblazer data)	Good	Meadow	76%
Shoreline development (ratio between perimeter and surface area)	1.056	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Bacon Peak
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (LS-02-01, LS-01-01, LS-03-FS, LS-12-01)	Camp type	—
Index of connectivity	0.5	Distance to closest lake	420 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	0 mile
Species/strains historically present	OCL(TL), OM(MW)	Number of overnight visitors to cross-country zone annually	34
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	3



<b>Doubtful</b>			
NPS lake code: CP-01-01			
Current management: Has reproducing fish; located in the south unit of the national park.			
Major Drainage	Stehekin	Stocking density (fish/acre)	—
Secondary Drainage 1	Upper Stehekin	Year initially stocked	1950
Secondary Drainage 2	Stehekin Headwaters	Year last stocked	1962
Elevation	5,385 feet	Current stocking method	—
UTM_E	644384.0625	Outside range of Caudata	Yes
UTM_N	5370621.0000	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	—
County	Chelan	AMMA present	No
Maximum Depth	68.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	4,770.34 feet	AMGR present	No
Lake or pond surface area	30.2 acres	Number of times stocked since .....?	3
Median Epilimnetic (surface) water temperature	10.9°C	Forest	0%
TKN – median	0.0185 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Fair	Meadow	55%
Shoreline development (ratio between perimeter and surface area)	1.174	Talus	34%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	7	Cliff	11%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Pelton Basin Camp
Lake shares drainage with other lakes (other lakes denoted)	Yes (CP-02-01, GM-01-01)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	2,323 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	OC, OM, OMxOC	Trail to lake	Yes
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OC, OM	Number of overnight visitors to nearest camp annually	441
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	44



<b>Doug's Tarn</b>			
NPS lake code: M-21-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Goodell Creek	Year initially stocked	1965
Secondary Drainage 2	Lower Goodell Creek	Year last stocked	1965
Elevation	3,951 feet	Current stocking method	—
UTM_E	620338.5000	Outside range of Caudata	Yes
UTM_N	5397650.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	10.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,948.82 feet	AMGR present	No
Lake or pond surface area	5 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	11.2°C	Forest	10%
TKN – median	0.01 mg/L	Shrub	53%
Fishing potential (based on Trailblazer data)	Good	Meadow	29%
Shoreline development (ratio between perimeter and surface area)	1.177	Talus	7%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	8	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Despair
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-13-01, M-16-01, MC-27-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	1,129 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OC	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	3.1 miles
Species/strains historically present	OC	Number of overnight visitors to cross-country zone annually	49
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>East Lake, Lower</b>			
NPS lake code: MC-14-02			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	—
Secondary Drainage 1	Northwest Ross Lake	Year initially stocked	1967
Secondary Drainage 2	Upper Little Beaver Creek	Year last stocked	1967
Elevation	5,460 feet	Current stocking method	—
UTM_E	622451.6563	Outside range of Caudata	Yes
UTM_N	5416393.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	2,378.61 feet	AMGR present	No
Lake or pond surface area	8 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	15.6°C	Forest	0%
TKN – median	—	Shrub	57%
Fishing potential (based on Trailblazer data)	Poor	Meadow	25%
Shoreline development (ratio between perimeter and surface area)	1.134	Talus	18%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	8	Cliff	0%
Inflow type	PE	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Bear Mountain
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-14-01, MC-22-01, MC-16-02, MC-15-01, . . .)	Camp type	—
Index of connectivity	—	Distance to closest lake	340 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OC	Number of overnight visitors to cross-country zone annually	30
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>East Lake, Upper</b>			
NPS lake code: MC-14-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	—
Secondary Drainage 1	Northwest Ross Lake	Year initially stocked	1967
Secondary Drainage 2	Upper Little Beaver Creek	Year last stocked	1967
Elevation	5,595 feet	Current stocking method	—
UTM_E	621986.9688	Outside range of Caudata	Yes
UTM_N	5416670.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	2,063.65 feet	AMGR present	—
Lake or pond surface area	6.2 acres	Number of times stocked since .....	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	Fair	Meadow	12%
Shoreline development (ratio between perimeter and surface area)	1.119	Talus	88%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Bear Mountain
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-14-02, MC-22-01, MC-16-02, MC-15-01, . . .)	Camp type	—
Index of connectivity	—	Distance to closest lake	340 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	1.2 miles
Species/strains historically present	OC	Number of overnight visitors to cross-country zone annually	34
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Firn</b>			
NPS lake code: MP-02-01			
Current management: Has limited population of reproducing fish and is stocked; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	50
Secondary Drainage 1	Big Beaver Creek	Year initially stocked	1968
Secondary Drainage 2	Thirtynine Mile Creek	Year last stocked	2000
Elevation	5,472 feet	Current stocking method	Backpack; fixed-wing aircraft
UTM_E	635626.3135	Outside range of Caudata	Yes
UTM_N	5410361.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	37.7 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,599.08 feet	AMGR present	No
Lake or pond surface area	5.7 acres	Number of times stocked since .....?	4
Median Epilimnetic (surface) water temperature	12.6°C	Forest	0%
TKN – median	—	Shrub	8%
Fishing potential (based on Trailblazer data)	Good	Meadow	7%
Shoreline development (ratio between perimeter and surface area)	2.045	Talus	85%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Prophet
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	39-Mile
Lake shares drainage with other lakes (other lakes denoted)	Yes (MP-05-01, MP-06-06, MP-06-01, MP-06-02, MP-06-03, . . .)	Camp type	Hiker/stock
Index of connectivity	—	Distance to closest lake	4,985 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	Yes
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.9 miles
Species/strains historically present	OCL(TL), OM(MW), OM	Number of overnight visitors to cross-country zone annually	3
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	0



<b>Green</b>			
NPS lake code: M-04-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Bacon Creek	Year initially stocked	1946
Secondary Drainage 2	Upper Bacon Creek	Year last stocked	1947
Elevation	4,261 feet	Current stocking method	—
UTM_E	610200.6563	Outside range of Caudata	—
UTM_N	5394060.2500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Unknown
Maximum Depth	153.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	9,202.76 feet	AMGR present	No
Lake or pond surface area	80 acres	Number of times stocked since .....	2
Median Epilimnetic (surface) water temperature	8.7°C	Forest	0%
TKN – median	—	Shrub	71%
Fishing potential (based on Trailblazer data)	Good	Meadow	10%
Shoreline development (ratio between perimeter and surface area)	1.391	Talus	19%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	5	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	2	Cross-country zone	Berdeen
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MP-05-01, MP-06-01, MP-07-01, MP-08-01, MP-09-01)	Camp type	—
Index of connectivity	0.4	Distance to closest lake	4,258 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	OCL(TL), OM, OCLxOM	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	4.3 miles
Species/strains historically present	OCL(TL), OM	Number of overnight visitors to cross-country zone annually	48
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	5





<b>Green Bench Lake</b>			
NPS lake code: LS-04-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Bacon Creek	Year initially stocked	Unknown
Secondary Drainage 2	Bacon Creek	Year last stocked	Unknown
Elevation	4,870 feet	Current stocking method	—
UTM_E	609985.0625	Outside range of Caudata	Yes
UTM_N	5393136.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	21.5 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,250.66 feet	AMGR present	—
Lake or pond surface area	3.9 acres	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	10.5°C	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	Fair	Meadow	9%
Shoreline development (ratio between perimeter and surface area)	1.537	Talus	13%
Inlet or outlet	No	Bedrock	78%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Alpine
Number of outflow streams	—	Cross-country zone	Berdeen
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	No	Camp type	—
Index of connectivity	—	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	4.3 miles
Species/strains historically present	OC	Number of overnight visitors to cross-country zone annually	48
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Hanging</b>			
NPS lake code: MC-08-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Chilliwack River	Year initially stocked	Unknown
Secondary Drainage 2		Year last stocked	Unknown
Elevation	4,522 feet	Current stocking method	—
UTM_E	613307.3438	Outside range of Caudata	—
UTM_N	5428243.7500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Unknown
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	8,077.43 feet	AMGR present	—
Lake or pond surface area	88.8 acres	Number of times stocked since .....	—
Median Epilimnetic (surface) water temperature	—	Forest	20%
TKN – median	—	Shrub	14%
Fishing potential (based on Trailblazer data)	Good	Meadow	8%
Shoreline development (ratio between perimeter and surface area)	1.159	Talus	58%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	High forest
Number of outflow streams	—	Cross-country zone	Little Chilliwack
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Little Chilliwack
Lake shares drainage with other lakes (other lakes denoted)	Yes (Chilliwack Lake, MC-07-01)	Camp type	Hiker
Index of connectivity	NA	Distance to closest lake	4,356 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	Yes
Reproducing species present	OM	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	1.9 miles
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	5
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>Hidden</b>			
NPS lake code: SB-01-01			
Current management: Has limited population of reproducing fish and is also stocked; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	20, 40
Secondary Drainage 1	Cascade River	Year initially stocked	1946
Secondary Drainage 2	North Fork Cascade River	Year last stocked	2001
Elevation	5,733 feet	Current stocking method	Backpack; fixed-wing aircraft; unknown
UTM_E	633941.4063	Outside range of Caudata	Yes
UTM_N	5372785.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	258.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	7,844.49 feet	AMGR present	—
Lake or pond surface area	61.7 acres	Number of times stocked since .....?	11
Median Epilimnetic (surface) water temperature	7.2°C	Forest	0%
TKN – median	—	Shrub	30%
Fishing potential (based on Trailblazer data)	Good	Meadow	2%
Shoreline development (ratio between perimeter and surface area)	1.350	Talus	69%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	5	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Hidden Lake
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (SB-03-01, SB-03-02, EP-14-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	56 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OM, OMA	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	0.6 mile
Species/strains historically present	OMA, OM(KAM), OM, OM(MW)	Number of overnight visitors to cross-country zone annually	112
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	11



<b>Hidden Lake Tarn</b>			
NPS lake code: EP-14-01			
Current management: Stocked; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	40
Secondary Drainage 1	Cascade River	Year initially stocked	1966
Secondary Drainage 2	North Fork Cascade River	Year last stocked	2002
Elevation	5,830 feet	Current stocking method	Backpack
UTM_E	634043.8125	Outside range of Caudata	Yes
UTM_N	5373554.2500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	—
Maximum Depth	42.7 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,050.53 feet	AMGR present	—
Lake or pond surface area	4.9 acres	Number of times stocked since .....?	5
Median Epilimnetic (surface) water temperature	12.8°C	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	Good	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.248	Talus	100%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Alpine
Number of outflow streams	1	Cross-country zone	Hidden Lake
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (SB-01-01, SB-03-02, SB-03-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	5,180 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.2 miles
Species/strains historically present	OM, OM(HG), OM(MW)	Number of overnight visitors to cross-country zone annually	112
Stocking frequency (years of cycle)	6	Number of anglers annually (based on 10% assumption of total visitors)	11



<b>Hi-Yu</b>			
NPS lake code: M-01-01			
Current management: Stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	100
Secondary Drainage 1	Bacon Creek	Year initially stocked	1961
Secondary Drainage 2	Upper Bacon Creek	Year last stocked	2001
Elevation	3,830 feet	Current stocking method	Backpack; unknown
UTM_E	613062.5625	Outside range of Caudata	—
UTM_N	5390848.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	18 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,646.98 feet	AMGR present	No
Lake or pond surface area	3.6 acres	Number of times stocked since .....?	6
Median Epilimnetic (surface) water temperature	16.4°C	Forest	0%
TKN – median	0.06 mg/L	Shrub	44%
Fishing potential (based on Trailblazer data)	Good	Meadow	56%
Shoreline development (ratio between perimeter and surface area)	1.168	Talus	0%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	0	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Bacon Peak
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	No	Camp type	—
Index of connectivity	0.2	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	2.5 miles
Species/strains historically present	OM, OM(MW)	Number of overnight visitors to cross-country zone annually	34
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	3



<b>Hozomeen</b>			
NPS lake code: HM-02-01			
Current management: Has reproducing fish; located in Ross Lake NRA.			
Major Drainage	Ross	Stocking density (fish/acre)	—
Secondary Drainage 1	Northeast Ross Lake	Year initially stocked	Unknown
Secondary Drainage 2	Hozomeen Creek	Year last stocked	Unknown
Elevation	2,823 feet	Current stocking method	—
UTM_E	643801.4375	Outside range of Caudata	—
UTM_N	5424707.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	66.7 feet	Within range of AMGR (northwestern salamander)	Yes
Perimeter	10,823.49 feet	AMGR present	Yes
Lake or pond surface area	97.4 acres	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	17.4°C	Forest	95%
TKN – median	0.101 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Good	Meadow	3%
Shoreline development (ratio between perimeter and surface area)	1.482	Talus	2%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	Perennial	Vegetation zone	Low forest
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Hozomeen Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (HM-03-01, Ross Lake)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	4,961 feet
Observed fish reproduction	Yes	Accessible by horseback	Yes
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	SF	Trail to lake	Yes
Stocked spp/strain present	—	Line of sight distance to trail	0 mile
Species/strains historically present	SF	Number of overnight visitors to nearest camp annually	280
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	28



<b>Ipsoot</b>			
NPS lake code: LS-06-01			
Current management: Has reproducing fish; located in the north unit of the national park.			
Major Drainage	Baker	Stocking density (fish/acre)	—
Secondary Drainage 1	Baker River	Year initially stocked	1936
Secondary Drainage 2	Hidden Creek	Year last stocked	1961
Elevation	4,460 feet	Current stocking method	—
UTM_E	607515.5625	Outside range of Caudata	—
UTM_N	5396239.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	50.8 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,401.57 feet	AMGR present	No
Lake or pond surface area	8.9 acres	Number of times stocked since .....?	3
Median Epilimnetic (surface) water temperature	19.7°C	Forest	0%
TKN – median	—	Shrub	73%
Fishing potential (based on Trailblazer data)	Good	Meadow	27%
Shoreline development (ratio between perimeter and surface area)	1.087	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	7	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Berdeen
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (LS-01-01, LS-02-01, LS-03-01, LS-12-01)	Camp type	—
Index of connectivity	0.3	Distance to closest lake	7,652 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OCB	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	2.5 miles
Species/strains historically present	OCL(TL), OM	Number of overnight visitors to cross-country zone annually	48
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>Jeanita</b>			
NPS lake code: DD-01-01			
Current management: Has limited population of reproducing fish and is stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	75
Secondary Drainage 1	North Gorge/Diablo Lakes	Year initially stocked	1961
Secondary Drainage 2	Stetattle Creek	Year last stocked	1986
Elevation	4,904 feet	Current stocking method	Backpack; unknown
UTM_E	636844.2188	Outside range of Caudata	—
UTM_N	5400636.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	8 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,161.42 feet	AMGR present	No
Lake or pond surface area	1.4 acres	Number of times stocked since .....?	4
Median Epilimnetic (surface) water temperature	12.7°C	Forest	0%
TKN – median	0.06 mg/L	Shrub	25%
Fishing potential (based on Trailblazer data)	Fair	Meadow	62%
Shoreline development (ratio between perimeter and surface area)	1.331	Talus	13%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	5	Cliff	0%
Inflow type	Mixed	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Sourdough
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Sourdough
Lake shares drainage with other lakes (other lakes denoted)	Yes (DD-03-01, MP-08-01, MP-09-01)	Camp type	Hiker
Index of connectivity	-0.5	Distance to closest lake	4,592 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	OMA	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OMA	Number of overnight visitors to cross-country zone and nearest camp annually	92
Stocking frequency (years of cycle)	7	Number of anglers annually (based on 10% assumption of total visitors)	9





<b>Kettling</b>			
NPS lake code: MR-05-01			
Current management: Has reproducing fish; located in the south unit of the national park.			
Major Drainage	Stehekin	Stocking density (fish/acre)	—
Secondary Drainage 1	Bridge Creek	Year initially stocked	Unknown
Secondary Drainage 2	Kettling Creek	Year last stocked	Unknown
Elevation	5,375 feet	Current stocking method	—
UTM_E	667808.8750	Outside range of Caudata	—
UTM_N	5368447.500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	23 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,627.95 feet	AMGR present	No
Lake or pond surface area	9.9 acres	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	11.4°C	Forest	60%
TKN – median	0.055 mg/L	Shrub	35%
Fishing potential (based on Trailblazer data)	Good	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.129	Talus	5%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	Mixed	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Kettling
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-06-01, MR-09-01, MR-01-01, MR-04-01)	Camp type	—
Index of connectivity	0.5	Distance to closest lake	417 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	Yes
Reproducing species present	OC, OM, OMxOC	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	1.2 miles
Species/strains historically present	IC, OM, OMxOC	Number of overnight visitors to cross-country zone annually	7
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>Kwahnesum</b>			
NPS lake code: MC-07-01			
Current management: Stocked; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	100
Secondary Drainage 1	Chilliwack River	Year initially stocked	1983
Secondary Drainage 2	Little Chilliwack River	Year last stocked	1998
Elevation	5,102 feet	Current stocking method	Backpack; fixed-wing aircraft
UTM_E	613584.6563	Outside range of Caudata	—
UTM_N	5419305.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	104.3 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,559.71 feet	AMGR present	No
Lake or pond surface area	16.4 acres	Number of times stocked since .....?	5
Median Epilimnetic (surface) water temperature	12.3°C	Forest	18%
TKN – median	0.05 mg/L	Shrub	13%
Fishing potential (based on Trailblazer data)	Fair	Meadow	23%
Shoreline development (ratio between perimeter and surface area)	1.076	Talus	46%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	4	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Little Chilliwack
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Little Chilliwack
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-08-01)	Camp type	Hiker
Index of connectivity	-0.9	Distance to closest lake	11,104 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	0 mile
Species/strains historically present	OM(MW)	Number of overnight visitors to cross-country zone annually	5
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>McAlester</b>			
NPS lake code: MR-10-01			
Current management: Has reproducing fish; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	—
Secondary Drainage 1	Bridge Creek	Year initially stocked	1941
Secondary Drainage 2	McAlester Creek	Year last stocked	1976
Elevation	5,507 feet	Current stocking method	—
UTM_E	672011.0938	Outside range of Caudata	—
UTM_N	5366347.5000	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	23 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,034.78 feet	AMGR present	No
Lake or pond surface area	13.2 acres	Number of times stocked since .....	5
Median Epilimnetic (surface) water temperature	13°C	Forest	57%
TKN – median	0.045 mg/L	Shrub	9%
Fishing potential (based on Trailblazer data)	Good	Meadow	29%
Shoreline development (ratio between perimeter and surface area)	1.127	Talus	5%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	CP	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	McAlester Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-23-02, MR-09-01, MR-25-01)	Camp type	Hiker/stock
Index of connectivity	0.7	Distance to closest lake	3,483 feet
Observed fish reproduction	Yes	Accessible by horseback	Yes
Observed spawning habitat present	Yes	Trailhead outside the park	Yes
Reproducing species present	OCL(TL)	Trail to lake	Yes
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OC, OM, OCL(TL)	Number of overnight visitors to nearest camp annually	372
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	37



<b>Middle, Lower</b>			
NPS lake code: MC-16-02			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	—
Secondary Drainage 1	Northwest Ross Lake	Year initially stocked	1967
Secondary Drainage 2	Upper Little Beaver Creek	Year last stocked	1967
Elevation	5,595 feet	Current stocking method	—
UTM_E	620974.6250	Outside range of Caudata	Yes
UTM_N	5415831.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	8 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,414.04 feet	AMGR present	No
Lake or pond surface area	2.9 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	3.4°C	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	Poor	Meadow	69%
Shoreline development (ratio between perimeter and surface area)	1.121	Talus	31%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	CP	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Middle Lakes
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Twin Rocks
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-16-01?, MC-14-01, MC-14-02, MC-22-01, . . .)	Camp type	Hiker/stock
Index of connectivity	—	Distance to closest lake	696 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	13
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Middle, Upper</b>			
NPS lake code: MC-16-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	—
Secondary Drainage 1	Northwest Ross Lake	Year initially stocked	1967
Secondary Drainage 2	Upper Little Beaver Creek	Year last stocked	1967
Elevation	5,700 feet	Current stocking method	—
UTM_E	620725.6875	Outside range of Caudata	Yes
UTM_N	5416001.7500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	25.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,856.96 feet	AMGR present	—
Lake or pond surface area	4.5 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	7.9°C	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	Poor	Meadow	14%
Shoreline development (ratio between perimeter and surface area)	1.184	Talus	86%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Middle Lakes
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Twin Rocks
Lake shares drainage with other lakes (other lakes denoted)	No (MC-16-02?)	Camp type	Hiker/stock
Index of connectivity	—	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	13
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Monogram</b>			
NPS lake code: M-23-01			
Current management: Stocked with nonreproducing fish. Reproduction is not expected to occur in the lake; however, reproduction status should be confirmed; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	70
Secondary Drainage 1	Cascade River	Year initially stocked	1932
Secondary Drainage 2	Monogram Creek	Year last stocked	1995
Elevation	4,873 feet	Current stocking method	Backpack; fixed-wing aircraft; unknown
UTM_E	613869.7813	Outside range of Caudata	—
UTM_N	5397481.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	122 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,066.27 feet	AMGR present	No
Lake or pond surface area	29.1 acres	Number of times stocked since .....	10
Median Epilimnetic (surface) water temperature	12.3°C	Forest	0%
TKN – median	0.023 mg/L	Shrub	66%
Fishing potential (based on Trailblazer data)	Good	Meadow	34%
Shoreline development (ratio between perimeter and surface area)	1.214	Talus	0%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Monogram Lake
Lake shares drainage with other lakes (other lakes denoted)	No (M-23-11?)	Camp type	Hiker
Index of connectivity	0.9	Distance to closest lake	65 feet
Observed fish reproduction	Yes. Reproduction has been observed in the past, but currently no reproduction is expected to occur in this lake.	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	Yes
Reproducing species present	OCL(TL)	Trail to lake	Yes
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	—
Species/strains historically present	OMB, OC, OCL(TL), OM, OM(MW)	Number of overnight visitors to nearest camp annually	94
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	9



<b>Monogram Tarn</b>			
NPS lake code: M-23-11			
Current management: Undoc. Stocking; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Cascade River	Year initially stocked	Unknown
Secondary Drainage 2	Monogram Creek	Year last stocked	Unknown
Elevation	4,860 feet	Current stocking method	—
UTM_E	626686.8750	Outside range of Caudata	—
UTM_N	5379316.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Skagit	AMMA present	No
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	—	AMGR present	No
Lake or pond surface area	—	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	—	Forest	—
TKN – median	—	Shrub	—
Fishing potential (based on Trailblazer data)	None	Meadow	—
Shoreline development (ratio between perimeter and surface area)	—	Talus	—
Inlet or outlet	No	Bedrock	—
Number of inflow streams	—	Cliff	—
Inflow type	CP	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Monogram Lake
Lake shares drainage with other lakes (other lakes denoted)	No (M-23-01?)	Camp type	Hiker
Index of connectivity	0.8	Distance to closest lake	65 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	Yes
Stocked spp/strain present	OCL(TL)	Line of sight distance to trail	—
Species/strains historically present	OCL(TL)	Number of overnight visitors to nearest camp annually	94
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	9



<b>Nert</b>			
NPS lake code: M-05-01			
Current management: Stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	50
Secondary Drainage 1	Bacon Creek	Year initially stocked	1968
Secondary Drainage 2	Upper Bacon Creek	Year last stocked	1993
Elevation	4,556 feet	Current stocking method	Backpack; unknown
UTM_E	610336.1875	Outside range of Caudata	—
UTM_N	5395532.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	29.5 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,811.02 feet	AMGR present	No
Lake or pond surface area	3.6 acres	Number of times stocked since .....?	4
Median Epilimnetic (surface) water temperature	15.8°C	Forest	0%
TKN – median	0.084 mg/L	Shrub	35%
Fishing potential (based on Trailblazer data)	None	Meadow	53%
Shoreline development (ratio between perimeter and surface area)	1.296	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	12%
Inflow type	Ephemeral	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Berdeen
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-07-01, M-06-01, M-04-01, M-08-01, M-09-01)	Camp type	—
Index of connectivity	0.2	Distance to closest lake	2,674 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	3.7 miles
Species/strains historically present	OMA, OM(MW)	Number of overnight visitors to cross-country zone annually	48
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	5





<b>Noisy Creek, Upper</b>			
NPS lake code: LS-14-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Baker	Stocking density (fish/acre)	—
Secondary Drainage 1	Noisy Creek	Year initially stocked	1960
Secondary Drainage 2	Noisy Creek	Year last stocked	1960
Elevation	3,660 feet	Current stocking method	—
UTM_E	606791.6875	Outside range of Caudata	—
UTM_N	5391069.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	Yes
Perimeter	518.37 feet	AMGR present	Unknown
Lake or pond surface area	0.3 acre	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	39%
Fishing potential (based on Trailblazer data)	None	Meadow	61%
Shoreline development (ratio between perimeter and surface area)	1.335	Talus	0%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	High forest
Number of outflow streams	—	Cross-country zone	Bacon Peak
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	No	Camp type	—
Index of connectivity	—	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OC	Number of overnight visitors to cross-country zone annually	34
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>No Name</b>			
NPS lake code: PM-01-01			
Current management: Stocked; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	70
Secondary Drainage 1	West Ross Lake	Year initially stocked	1947
Secondary Drainage 2	No Name Creek	Year last stocked	1993
Elevation	3,843 feet	Current stocking method	Backpack; unknown
UTM_E	638530.6875	Outside range of Caudata	Yes
UTM_N	5412328.000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	31.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,339.24 feet	AMGR present	—
Lake or pond surface area	7.5 acres	Number of times stocked since .....?	5
Median Epilimnetic (surface) water temperature	7.6°C	Forest	5%
TKN – median	0.021 mg/L	Shrub	58%
Fishing potential (based on Trailblazer data)	Good	Meadow	37%
Shoreline development (ratio between perimeter and surface area)	1.156	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	4	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Prophet
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (Ross Lake)	Camp type	—
Index of connectivity	—	Distance to closest lake	6,663 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	3.7 miles
Species/strains historically present	OM(MW), OM	Number of overnight visitors to cross-country zone annually	3
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	0



<b>Panther Potholes, Lower</b>			
NPS lake code: RD-05-02			
Current management: Stocked; located in Ross Lake NRA.			
Major Drainage	Skagit	Stocking density (fish/acre)	100
Secondary Drainage 1	Thunder Creek	Year initially stocked	1935
Secondary Drainage 2	Lower Thunder Creek	Year last stocked	1994
Elevation	3,375 feet	Current stocking method	Backpack; fixed-wing aircraft
UTM_E	644431.5313	Outside range of Caudata	—
UTM_N	5391174.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	17.2 feet	Within range of AMGR (northwestern salamander)	Yes
Perimeter	662.73 feet	AMGR present	Yes
Lake or pond surface area	0.5 acres	Number of times stocked since .....?	9
Median Epilimnetic (surface) water temperature	17.4°C	Forest	52%
TKN – median	0.06 mg/L	Shrub	21%
Fishing potential (based on Trailblazer data)	Fair	Meadow	18%
Shoreline development (ratio between perimeter and surface area)	1.225	Talus	8%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	CP	Vegetation zone	Low forest
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Fourth of July
Lake shares drainage with other lakes (other lakes denoted)	Yes (RD-05-01)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	6 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OCC	Line of sight distance to trail	0 mile
Species/strains historically present	OCB(HL), OCL(TL), OCC, CT	Number of overnight visitors to nearest camp annually	342
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	34



<b>Panther Potholes, Upper</b>			
NPS lake code: RD-05-01			
Current management: Fishless; located in Ross Lake NRA.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Thunder Creek	Year initially stocked	1979
Secondary Drainage 2	Lower Thunder Creek	Year last stocked	1988
Elevation	3,380 feet	Current stocking method	—
UTM_E	644490.5938	Outside range of Caudata	—
UTM_N	5391197.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	9.4 feet	Within range of AMGR (northwestern salamander)	Yes
Perimeter	383.86 feet	AMGR present	Yes
Lake or pond surface area	0.2 acre	Number of times stocked since .....?	3
Median Epilimnetic (surface) water temperature	17.8°C	Forest	0%
TKN – median	0.125 mg/L	Shrub	37%
Fishing potential (based on Trailblazer data)	Poor	Meadow	34%
Shoreline development (ratio between perimeter and surface area)	1.161	Talus	30%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	0	Cliff	0%
Inflow type	—	Vegetation zone	Low forest
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Fourth of July
Lake shares drainage with other lakes (other lakes denoted)	Yes (RD-05-02)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	6 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0 mile
Species/strains historically present	OCB(HL), OCL(TL)	Number of overnight visitors to nearest camp annually	342
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Pegasus</b>			
NPS lake code: EP-10-01			
Current management: Fishless; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Thunder Creek	Year initially stocked	1967
Secondary Drainage 2	McAllister Creek	Year last stocked	1981
Elevation	5,620 feet	Current stocking method	—
UTM_E	637882.5938	Outside range of Caudata	Yes
UTM_N	5383096.7500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	2,851.05 feet	AMGR present	—
Lake or pond surface area	10.9 acres	Number of times stocked since .....?	2
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	37%
Fishing potential (based on Trailblazer data)	Poor	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.167	Talus	63%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Alpine
Number of outflow streams	—	Cross-country zone	Klawatti
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (FP-01-01, EP-02-01, EP-11-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	399 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OC, OM, OM(MW)	Number of overnight visitors to cross-country zone annually	193
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Pond Southeast of Kettling Lakes</b>			
NPS lake code: MR-09-01			
Current management: Stocked; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	50
Secondary Drainage 1	Bridge Creek	Year initially stocked	1988
Secondary Drainage 2	Kettling Creek	Year last stocked	1998
Elevation	5,945 feet	Current stocking method	Backpack
UTM_E	668974.3125	Outside range of Caudata	—
UTM_N	5366745.5000	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	16.1 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,722.44 feet	AMGR present	No
Lake or pond surface area	4.7 acres	Number of times stocked since .....?	3
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	0.014 mg/L	Shrub	63%
Fishing potential (based on Trailblazer data)	Good	Meadow	7%
Shoreline development (ratio between perimeter and surface area)	1.077	Talus	30%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Kettling
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-10-01, MR-25-01, MR-23-02)	Camp type	—
Index of connectivity	0.7	Distance to closest lake	5,563 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.2 miles
Species/strains historically present	OC, OM(MW)	Number of overnight visitors to cross-country zone annually	7
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>Quill, Lower</b>			
NPS lake code: M-24-02			
Current management: Stocked with nonreproducing fish. Limited reproduction has been observed in the past and needs to be verified. Located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	25
Secondary Drainage 1	Damnation Creek	Year initially stocked	1961
Secondary Drainage 2	Damnation Creek	Year last stocked	2002
Elevation	4,510 feet	Current stocking method	Backpack
UTM_E	618451.7813	Outside range of Caudata	—
UTM_N	5391771.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Unknown
Maximum Depth	18 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	731.63 feet	AMGR present	—
Lake or pond surface area	1 acre	Number of times stocked since .....?	3
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	38%
Fishing potential (based on Trailblazer data)	Good	Meadow	30%
Shoreline development (ratio between perimeter and surface area)	1.045	Talus	33%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Despair
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	No (M-24-01?)	Camp type	—
Index of connectivity	0.0	Distance to closest lake	48 feet
Observed fish reproduction	Yes. Stocked with nonreproducing fish. Limited reproduction has been observed in the past and needs to be verified.	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OM* reproducing status needs to be verified	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	2.5 miles
Species/strains historically present	OM, OM(MW)	Number of overnight visitors to cross-country zone annually	49
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>Quill, Upper</b>			
NPS lake code: M-24-01			
Current management: Stocked with nonreproducing fish. Limited reproduction has been observed in the past and needs to be verified. Located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	25
Secondary Drainage 1	Damnation Creek	Year initially stocked	1961
Secondary Drainage 2	Damnation Creek	Year last stocked	2002
Elevation	4,510 feet	Current stocking method	Backpack
UTM_E	626976.5000	Outside range of Caudata	—
UTM_N	5379435.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Skagit	AMMA present	Unknown
Maximum Depth	10 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	4,744.09 feet	AMGR present	—
Lake or pond surface area	1.2 acres	Number of times stocked since .....?	5
Median Epilimnetic (surface) water temperature	20°C	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	Good	Meadow	50%
Shoreline development (ratio between perimeter and surface area)	1.053	Talus	50%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	7	Cliff	0%
Inflow type	Ephemeral or CP	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Despair
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	No (M-24-02?)	Camp type	—
Index of connectivity	0.0	Distance to closest lake	48 feet
Observed fish reproduction	Yes. Stocked with nonreproducing fish. Limited reproduction has been observed in the past and needs to be verified.	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	OM	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.2 miles
Species/strains historically present	OM, OM(MW)	Number of overnight visitors to cross-country zone annually	49
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	5





<b>Rainbow</b>			
NPS lake code: MR-14-01			
Current management: Has reproducing fish; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	—
Secondary Drainage 1	Rainbow Creek	Year initially stocked	Unknown
Secondary Drainage 2	North Fork Rainbow Creek	Year last stocked	Unknown
Elevation	5,630 feet	Current stocking method	—
UTM_E	667416.1875	Outside range of Caudata	—
UTM_N	5363307.0000	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	107.6 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,303.81 feet	AMGR present	No
Lake or pond surface area	15.5 acres	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	13.1°C	Forest	24%
TKN – median	0.045 mg/L	Shrub	33%
Fishing potential (based on Trailblazer data)	Good	Meadow	42%
Shoreline development (ratio between perimeter and surface area)	1.135	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	Mixed	Vegetation zone	High Forest
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Rainbow Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-13-01, MR-13-02)	Camp type	Hiker
Index of connectivity	0.5	Distance to closest lake	580 feet
Observed fish reproduction	Yes	Accessible by horseback	Yes
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	OM(PL)	Trail to lake	Yes
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OM(PL)	Number of overnight visitors to nearest camp annually	132
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	13



<b>Rainbow, Upper (North)</b>			
NPS lake code: MR-13-01			
Current management: Fishless (last stocked in 1988); located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	50
Secondary Drainage 1	Rainbow Creek	Year initially stocked	1984
Secondary Drainage 2	North Fork Rainbow Creek	Year last stocked	1988
Elevation	5,900 feet	Current stocking method	Backpack; unknown
UTM_E	666789.5313	Outside range of Caudata	—
UTM_N	5363271.2500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	7.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	718.50 feet	AMGR present	No
Lake or pond surface area	0.6 acre	Number of times stocked since .....?	3
Median Epilimnetic (surface) water temperature	15.7°C	Forest	0%
TKN – median	0.0525 mg/L	Shrub	38%
Fishing potential (based on Trailblazer data)	Poor	Meadow	33%
Shoreline development (ratio between perimeter and surface area)	1.216	Talus	29%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	0	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Rainbow Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-14-01, MR-13-02)	Camp type	Hiker
Index of connectivity	0.4	Distance to closest lake	580 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM(PL), OM(MW)	Number of overnight visitors to nearest camp annually	132
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Rainbow, Upper (South)</b>			
NPS lake code: MR-13-02			
Current management: Stocked; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	70
Secondary Drainage 1	Rainbow Creek	Year initially stocked	1984
Secondary Drainage 2	North Fork Rainbow Creek	Year last stocked	1996
Elevation	5,865 feet	Current stocking method	Backpack; fixed-wing aircraft; unknown
UTM_E	666823.4688	Outside range of Caudata	—
UTM_N	5363115.0000	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	24.1 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,683.07 feet	AMGR present	No
Lake or pond surface area	3.6 acres	Number of times stocked since .....?	5
Median Epilimnetic (surface) water temperature	10.6°C	Forest	0%
TKN – median	0.029 mg/L	Shrub	8%
Fishing potential (based on Trailblazer data)	Poor	Meadow	18%
Shoreline development (ratio between perimeter and surface area)	1.203	Talus	74%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Perennial	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Rainbow Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-14-01, MR-13-01)	Camp type	Hiker
Index of connectivity	0.4	Distance to closest lake	593 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM(PL), OM(MW)	Number of overnight visitors to nearest camp annually	132
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	13



<b>Rainbow, Upper (West)</b>			
NPS lake code: MM-11-01			
Current management: Stocked; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	50
Secondary Drainage 1	Rainbow Creek North Stehekin River	Year initially stocked	1988
Secondary Drainage 2	North Fork Rainbow Creek	Year last stocked	1989
Elevation	6,473 feet	Current stocking method	Backpack; fixed-wing aircraft
UTM_E	666407.3438	Outside range of Caudata	Yes
UTM_N	5363463.7500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	—
County	Chelan	AMMA present	No
Maximum Depth	27.6 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,804.46 feet	AMGR present	No
Lake or pond surface area	3.5 acres	Number of times stocked since .....?	2
Median Epilimnetic (surface) water temperature	13.4°C	Forest	0%
TKN – median	0.017 mg/L	Shrub	13%
Fishing potential (based on Trailblazer data)	Poor	Meadow	16%
Shoreline development (ratio between perimeter and surface area)	1.296	Talus	60%
Inlet or outlet	Yes	Bedrock	11%
Number of inflow streams	1	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Rainbow Lake
Lake shares drainage with other lakes (other lakes denoted)	No	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	Yes
Observed spawning habitat present	—	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM(MW)	Number of overnight visitors to nearest camp annually	132
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	13



<b>Redoubt</b>			
NPS lake code: MC-11-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Chilliwack River	Year initially stocked	1967
Secondary Drainage 2	Depot Creek	Year last stocked	1967
Elevation	5,300 feet	Current stocking method	—
UTM_E	623611.1250	Outside range of Caudata	Yes
UTM_N	5425716.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	45.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,487.53 feet	AMGR present	No
Lake or pond surface area	18.4 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	9.3°C	Forest	0%
TKN – median	0.05 mg/L	Shrub	4%
Fishing potential (based on Trailblazer data)	Poor	Meadow	3%
Shoreline development (ratio between perimeter and surface area)	1.099	Talus	94%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Depot
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-35-01, MC-34-02, MC-34-01, MS-04-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	547 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	3.1 miles
Species/strains historically present	OCL(TL)	Number of overnight visitors to cross-country zone annually	20
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Reveille, Lower</b>			
NPS lake code: MC-21-02			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Chilliwack River	Year initially stocked	1968
Secondary Drainage 2	Indian Creek	Year last stocked	1968
Elevation	4,995 feet	Current stocking method	—
UTM_E	619726.3438	Outside range of Caudata	Yes
UTM_N	5417184.2500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	9.8 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,669.95 feet	AMGR present	—
Lake or pond surface area	4.4 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	13.8°C	Forest	15%
TKN – median	0.003 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Poor	Meadow	43%
Shoreline development (ratio between perimeter and surface area)	1.123	Talus	41%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Perennial	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Bear Mountain
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-21-01, MC-21-04, MC-50-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	11 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	2.5 miles
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	30
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Reveille, Upper</b>			
NPS lake code: MC-21-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Chilliwack River	Year initially stocked	1968
Secondary Drainage 2	Indian Creek	Year last stocked	1968
Elevation	4,995 feet	Current stocking method	—
UTM_E	619587.8750	Outside range of Caudata	Yes
UTM_N	5417070.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	16.4 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,273.62 feet	AMGR present	No
Lake or pond surface area	3.4 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	8°C	Forest	0%
TKN – median	0.02 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Poor	Meadow	4%
Shoreline development (ratio between perimeter and surface area)	1.672	Talus	96%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Subsurface	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Bear Mountain
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-21-02, MC-21-04, MC-50-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	11 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	2.5 miles
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	30
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Ridley</b>			
NPS lake code: HM-03-01			
Current management: Stocked; located in Ross Lake NRA.			
Major Drainage	Ross	Stocking density (fish/acre)	50
Secondary Drainage 1	Northeast Ross Lake	Year initially stocked	1975
Secondary Drainage 2	Hozomeen Creek	Year last stocked	2000
Elevation	3,140 feet	Current stocking method	Backpack
UTM_E	644253.3750	Outside range of Caudata	—
UTM_N	5423441.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	35.1 feet	Within range of AMGR (northwestern salamander)	Yes
Perimeter	2,782.15 feet	AMGR present	Yes
Lake or pond surface area	10.9 acres	Number of times stocked since .....	9
Median Epilimnetic (surface) water temperature	18.2°C	Forest	100%
TKN – median	0.194 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Good	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.140	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Low forest
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Willow Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (HM-02-01, Ross Lake)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	4,961 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW), OM(RL)	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM(MW), OM(MW)	Number of overnight visitors to nearest camp annually	32
Stocking frequency (years of cycle)	3	Number of anglers annually (based on 10% assumption of total visitors)	3





<b>Sky</b>			
NPS lake code: EP-13-01			
Current management: Fishless; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Newhalem Creek	Year initially stocked	1968
Secondary Drainage 2	Newhalem Creek	Year last stocked	1968
Elevation	5,380 feet	Current stocking method	—
UTM_E	632819.1563	Outside range of Caudata	Yes
UTM_N	5381596.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	1,085.96 feet	AMGR present	—
Lake or pond surface area	10.9 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	37%
Fishing potential (based on Trailblazer data)	Poor	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.053	Talus	63%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Stout Lake
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (EP-15-01, EP-09-01, EP-09-02)	Camp type	—
Index of connectivity	—	Distance to closest lake	2,200 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	45
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Skymo</b>			
NPS lake code: PM-03-01			
Current management: Has reproducing fish and is stocked; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	50
Secondary Drainage 1	West Ross Lake	Year initially stocked	1968
Secondary Drainage 2	Skymo Creek	Year last stocked	1998
Elevation	5,277 feet	Current stocking method	Backpack; fixed-wing aircraft; unknown
UTM_E	639305.3438	Outside range of Caudata	—
UTM_N	5410778.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	No
Maximum Depth	20 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,750 feet	AMGR present	No
Lake or pond surface area	10.8 acres	Number of times stocked since .....?	4
Median Epilimnetic (surface) water temperature	11.1°C	Forest	0%
TKN – median	0.04 mg/L	Shrub	28%
Fishing potential (based on Trailblazer data)	Good	Meadow	14%
Shoreline development (ratio between perimeter and surface area)	1.541	Talus	58%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Prophet
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (PM-04-01, PM-02-01, Ross Lake)	Camp type	—
Index of connectivity	0.5	Distance to closest lake	82 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	—
Reproducing species present	OCL	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	2.5 miles
Species/strains historically present	OC, OM(MW)	Number of overnight visitors to cross-country zone annually	3
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	0



<b>Sourdough</b>			
NPS lake code: PM-12-01			
Current management: Has reproducing fish and is stocked; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	100
Secondary Drainage 1	Pierce Creek	Year initially stocked	1993
Secondary Drainage 2		Year last stocked	1998
Elevation	4,623 feet	Current stocking method	Fixed-wing aircraft; unknown
UTM_E	637939.7500	Outside range of Caudata	—
UTM_N	5402168.2500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Unknown
Maximum Depth	107 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	5,045.93 feet	AMGR present	—
Lake or pond surface area	27.6 acres	Number of times stocked since .....?	3
Median Epilimnetic (surface) water temperature	14.7°C	Forest	6%
TKN – median	—	Shrub	51%
Fishing potential (based on Trailblazer data)	Good	Meadow	12%
Shoreline development (ratio between perimeter and surface area)	1.298	Talus	31%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	6	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Sourdough/Trail
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Sourdough
Lake shares drainage with other lakes (other lakes denoted)	Yes (Ross Lake)	Camp type	Hiker
Index of connectivity	-0.5	Distance to closest lake	5,272 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	SF	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.2 miles
Species/strains historically present	SF, OM(MW)	Number of overnight visitors to cross-country zone or nearest camp annually	92
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	9



<b>Sourpuss</b>			
NPS lake code: ML-01-01			
Current management: Fishless; located in the south unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	—
Secondary Drainage 1	Ruby Creek	Year initially stocked	1968
Secondary Drainage 2	Panther Creek	Year last stocked	1968
Elevation	4,835 feet	Current stocking method	—
UTM_E	649358.8125	Outside range of Caudata	Yes
UTM_N	5385817.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	No
Maximum Depth	3.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,856.96 feet	AMGR present	No
Lake or pond surface area	2 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	7.8°C	Forest	0%
TKN – median	0.03 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Poor	Meadow	70%
Shoreline development (ratio between perimeter and surface area)	1.781	Talus	30%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Perennial	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Ragged Ridge
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (ML-02-01, ML-03-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	6,589 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	2.5 miles
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	28
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Stiletto</b>			
NPS lake code: MR-01-01			
Current management: Stocked; located in the south unit of the national park.			
Major Drainage	Stehekin	Stocking density (fish/acre)	50
Secondary Drainage 1	Bridge Creek	Year initially stocked	1966
Secondary Drainage 2	East Fork Bridge Creek	Year last stocked	1995
Elevation	6,795 feet	Current stocking method	Backpack; fixed-wing aircraft
UTM_E	673284.4063	Outside range of Caudata	Yes
UTM_N	5372325.7500	Caudata survey done	—
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	—
County	Chelan	AMMA present	—
Maximum Depth	85.3 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,680.45 feet	AMGR present	—
Lake or pond surface area	9.9 acres	Number of times stocked since .....?	6
Median Epilimnetic (surface) water temperature	6.1°C	Forest	0%
TKN – median	0.07 mg/L	Shrub	42%
Fishing potential (based on Trailblazer data)	Fair	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.152	Talus	58%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	4	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Stiletto
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-04-01, MR-02-01, MR-03-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	1,455 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	0.6 mile
Species/strains historically present	OMA, OCL(TL), OM(MW)	Number of overnight visitors to cross-country zone annually	57
Stocking frequency (years of cycle)	6	Number of anglers annually (based on 10% assumption of total visitors)	6



<b>Stout</b>			
NPS lake code: EP-09-02			
Current management: Reproducing population of OCL is being replaced through stocking with OCC located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	100
Secondary Drainage 1	Newhalem Creek	Year initially stocked	1953
Secondary Drainage 2	Newhalem Creek	Year last stocked	1967
Elevation	5,215 feet	Current stocking method	Backpack; unknown
UTM_E	633112.7188	Outside range of Caudata	Yes
UTM_N	5383417.2500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	—
Maximum Depth	175.5 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	4,169.95 feet	AMGR present	—
Lake or pond surface area	25.2 acres	Number of times stocked since .....?	2
Median Epilimnetic (surface) water temperature	5.4°C	Forest	5%
TKN – median	—	Shrub	45%
Fishing potential (based on Trailblazer data)	Good	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.122	Talus	50%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	4	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Stout Lake
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (EP-09-01, EP-13-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	100 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	OCL	Trail to lake	No
Stocked spp/strain present	OCC	Line of sight distance to trail	1.9 miles
Species/strains historically present	OCC, OCL	Number of overnight visitors to cross-country zone annually	45
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>Stout, Lower</b>			
NPS lake code: EP-09-01			
Current management: Has reproducing fish; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Newhalem Creek	Year initially stocked	NA
Secondary Drainage 2	Newhalem Creek	Year last stocked	NA
Elevation	5,190 feet	Current stocking method	—
UTM_E	632806.7813	Outside range of Caudata	Yes
UTM_N	5383341.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	No
Maximum Depth	8.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	862.86 feet	AMGR present	No
Lake or pond surface area	1 acre	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	13.2°C	Forest	0%
TKN – median	0.04 mg/L	Shrub	35%
Fishing potential (based on Trailblazer data)	Good	Meadow	55%
Shoreline development (ratio between perimeter and surface area)	1.188	Talus	10%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Stout Lake
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (EP-09-02, EP-13-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	100 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	OCL	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OCL	Number of overnight visitors to cross-country zone annually	45
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>Sweet Pea</b>			
NPS lake code: ML-02-01			
Current management: Stocked; located in the south unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	40
Secondary Drainage 1	Ruby Creek	Year initially stocked	1968
Secondary Drainage 2	Panther Creek	Year last stocked	1999
Elevation	5,540 feet	Current stocking method	Backpack; unknown
UTM_E	651671.9375	Outside range of Caudata	Yes
UTM_N	5384916.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	No
Maximum Depth	92 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,123.36 feet	AMGR present	No
Lake or pond surface area	10.3 acres	Number of times stocked since .....	5
Median Epilimnetic (surface) water temperature	6.5°C	Forest	0%
TKN – median	0.01 mg/L	Shrub	23%
Fishing potential (based on Trailblazer data)	Poor	Meadow	10%
Shoreline development (ratio between perimeter and surface area)	1.316	Talus	35%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	5	Cliff	31%
Inflow type	East	Vegetation zone	High forest
Number of outflow streams	1	Cross-country zone	Ragged Ridge
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (ML-03-01, ML-01-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	807 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.9 miles
Species/strains historically present	OM(MW), OM	Number of overnight visitors to cross-country zone annually	28
Stocking frequency (years of cycle)	6	Number of anglers annually (based on 10% assumption of total visitors)	3





<b>Talus Tarn</b>			
NPS lake code: M-06-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Bacon Creek	Year initially stocked	1968
Secondary Drainage 2	Upper Bacon Creek	Year last stocked	1980
Elevation	5,355 feet	Current stocking method	—
UTM_E	610710.9375	Outside range of Caudata	—
UTM_N	5396502.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	11.8 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,217.19 feet	AMGR present	No
Lake or pond surface area	1.5 acres	Number of times stocked since .....?	2
Median Epilimnetic (surface) water temperature	11.7°C	Forest	0%
TKN – median	0.018 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	None	Meadow	10%
Shoreline development (ratio between perimeter and surface area)	1.337	Talus	90%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Subsurface	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Berdeen
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-07-01, M-04-01, M-05-01, M-08-01, M-09-01)	Camp type	—
Index of connectivity	0.2	Distance to closest lake	2,998 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	3.7 miles
Species/strains historically present	OMA	Number of overnight visitors to cross-country zone annually	48
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Tapto, Lower</b>			
NPS lake code: MC-17-03			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Chilliwack River	Year initially stocked	1960
Secondary Drainage 2	Brush Creek	Year last stocked	1960
Elevation	5,700 feet	Current stocking method	—
UTM_E	619691.6250	Outside range of Caudata	Yes
UTM_N	5415382.5000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	518.37 feet	AMGR present	—
Lake or pond surface area	0.4 acre	Number of times stocked since .....	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	16%
Fishing potential (based on Trailblazer data)	Poor	Meadow	22%
Shoreline development (ratio between perimeter and surface area)	1.144	Talus	63%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Whatcom
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-17-02, MC-17-01, MC-17-04)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	63 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OCL(TL)	Number of overnight visitors to nearest camp annually	211
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Tapto, Middle</b>			
NPS lake code: MC-17-02			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Chilliwack River	Year initially stocked	1960
Secondary Drainage 2	Brush Creek	Year last stocked	1960
Elevation	5,730 feet	Current stocking method	—
UTM_E	619647.8125	Outside range of Caudata	Yes
UTM_N	5415481.5000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	18 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	938.32 feet	AMGR present	—
Lake or pond surface area	1.2 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	12.9°C	Forest	0%
TKN – median	0.02 mg/L	Shrub	58%
Fishing potential (based on Trailblazer data)	Poor	Meadow	42%
Shoreline development (ratio between perimeter and surface area)	1.141	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Tapto Lakes/Trail
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Whatcom
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-17-01, MC-17-03, MC-17-04)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	55 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	64
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Tapto, Upper</b>			
NPS lake code: MC-17-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Chilliwack River	Year initially stocked	1960
Secondary Drainage 2	Brush Creek	Year last stocked	1960
Elevation	5,750 feet	Current stocking method	—
UTM_E	619638.3125	Outside range of Caudata	Yes
UTM_N	5415689.2500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	43 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,677.17 feet	AMGR present	—
Lake or pond surface area	10.2 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	0.008 mg/L	Shrub	28%
Fishing potential (based on Trailblazer data)	Poor	Meadow	10%
Shoreline development (ratio between perimeter and surface area)	1.131	Talus	62%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Tapto Lakes/Trail
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Whatcom
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-17-02, MC-17-03, MC-17-04)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	55 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OCL(TL)	Number of overnight visitors to cross-country zone annually	64
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Tapto, West</b>			
NPS lake code: MC-17-04			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Chilliwack	Stocking density (fish/acre)	—
Secondary Drainage 1	Chilliwack River	Year initially stocked	1960
Secondary Drainage 2	Brush Creek	Year last stocked	1960
Elevation	5,660 feet	Current stocking method	—
UTM_E	619300.4375	Outside range of Caudata	Yes
UTM_N	5415633.0000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	14.1 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,348.43 feet	AMGR present	—
Lake or pond surface area	2.3 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	11.7°C	Forest	0%
TKN – median	0.024 mg/L	Shrub	15%
Fishing potential (based on Trailblazer data)	Poor	Meadow	85%
Shoreline development (ratio between perimeter and surface area)	1.196	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Whatcom
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-17-03, MC-17-02, MC-17-01)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	1,700 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OCL(TL)	Number of overnight visitors to nearest camp annually	211
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Thornton, Lower</b>			
NPS lake code: M-20-01			
Current management: May have limited population of reproducing fish and is also stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	50
Secondary Drainage 1	Thornton Creek	Year initially stocked	1941
Secondary Drainage 2		Year last stocked	1998
Elevation	4,486 feet	Current stocking method	Backpack; fixed-wing aircraft; unknown
UTM_E	623160.9688	Outside range of Caudata	—
UTM_N	5393495.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	108.3 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	6,204.07 feet	AMGR present	No
Lake or pond surface area	55.1 acres	Number of times stocked since .....	11
Median Epilimnetic (surface) water temperature	12.2°C	Forest	0%
TKN – median	0.053 mg/L	Shrub	77%
Fishing potential (based on Trailblazer data)	Good	Meadow	6%
Shoreline development (ratio between perimeter and surface area)	1.130	Talus	13%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	4%
Inflow type	CP	Vegetation zone	High forest
Number of outflow streams	—	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Thornton Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-19-01, MC-20-01)	Camp type	Hiker
Index of connectivity	-0.3	Distance to closest lake	327 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	No
Reproducing species present	OCL(TL)	Trail to lake	Yes
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	—
Species/strains historically present	OM, OM(ST), OM(MW), OMA, OCC, OCL(TL)	Number of overnight visitors to nearest camp annually	203
Stocking frequency (years of cycle)	6	Number of anglers annually (based on 10% assumption of total visitors)	20



<b>Thornton, Middle</b>			
NPS lake code: M-19-01			
Current management: Stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	50
Secondary Drainage 1	Thornton Creek	Year initially stocked	1941
Secondary Drainage 2		Year last stocked	1997
Elevation	4,700 feet	Current stocking method	Backpack; unknown
UTM_E	622610.1250	Outside range of Caudata	Yes
UTM_N	5394101.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	78.7 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	3,080.71 feet	AMGR present	No
Lake or pond surface area	11.9 acres	Number of times stocked since .....?	10
Median Epilimnetic (surface) water temperature	8.2°C	Forest	0%
TKN – median	0.035 mg/L	Shrub	5%
Fishing potential (based on Trailblazer data)	Fair	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.207	Talus	82%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	4	Cliff	13%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Thornton Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-20-01, M-18-01)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	327 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	Yes
Stocked spp/strain present	OMA	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM, OM(ST), OMA	Number of overnight visitors to nearest camp annually	203
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	20



<b>Thunder</b>			
NPS lake code: RD-02-01			
Current management: Fishless (last stocked 10 years ago); located in Ross Lake NRA.			
Major Drainage	Skagit	Stocking density (fish/acre)	50
Secondary Drainage 1	Thunder Creek	Year initially stocked	1947
Secondary Drainage 2		Year last stocked	1992
Elevation	1,350 feet	Current stocking method	—
UTM_E	639270.1875	Outside range of Caudata	—
UTM_N	5395295.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	—
Maximum Depth	24.6 feet	Within range of AMGR (northwestern salamander)	Yes
Perimeter	3,047.90 feet	AMGR present	Yes
Lake or pond surface area	6.8 acres	Number of times stocked since .....	28
Median Epilimnetic (surface) water temperature	15.3°C	Forest	42%
TKN – median	0.012 mg/L	Shrub	42%
Fishing potential (based on Trailblazer data)	Fair	Meadow	15%
Shoreline development (ratio between perimeter and surface area)	1.583	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Low forest
Number of outflow streams	0	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	No	Camp type	—
Index of connectivity	—	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OCL(TL), OCC, OM, OM(MW), OM(STAC)	Number of overnight visitors to cross-country zone annually	0
Stocking frequency (years of cycle)	3,5	Number of anglers annually (based on 10% assumption of total visitors)	—





<b>Tiny</b>			
NPS lake code: MC-15-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	—
Secondary Drainage 1	Northwest Ross Lake	Year initially stocked	Unknown
Secondary Drainage 2	Upper Little Beaver Creek	Year last stocked	Unknown
Elevation	6,100 feet	Current stocking method	—
UTM_E	621312.6563	Outside range of Caudata	Yes
UTM_N	5416078.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	6 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	492.13 feet	AMGR present	No
Lake or pond surface area	0.3 acre	Number of times stocked since .....?	—
Median Epilimnetic (surface) water temperature	17°C	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	Poor	Meadow	50%
Shoreline development (ratio between perimeter and surface area)	1.210	Talus	50%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	Subsurface	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Middle Lakes
Isolated from any other lake or pond within 2,000 feet	No	Camp name	Twin Rocks
Lake shares drainage with other lakes (other lakes denoted)	Yes (MC-16-02, MC-14-01, MC-14-02, MC-22-01, . . .)	Camp type	Hiker/stock
Index of connectivity	—	Distance to closest lake	696 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	1.2 miles
Species/strains historically present	OC	Number of overnight visitors to cross-country zone annually	13
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Torment</b>			
NPS lake code: ML-03-01			
Current management: Stocked; located in the south unit of the national park.			
Major Drainage	Ross	Stocking density (fish/acre)	40
Secondary Drainage 1	Ruby Creek	Year initially stocked	1985
Secondary Drainage 2	Panther Creek	Year last stocked	1995
Elevation	6,560 feet	Current stocking method	Backpack
UTM_E	651475.3750	Outside range of Caudata	Yes
UTM_N	5384099.2500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	No
Maximum Depth	49.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,653.54 feet	AMGR present	No
Lake or pond surface area	3.6 acres	Number of times stocked since .....	3
Median Epilimnetic (surface) water temperature	14.1°C	Forest	0%
TKN – median	0.04 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Good	Meadow	5%
Shoreline development (ratio between perimeter and surface area)	1.183	Talus	95%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	4	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Ragged Ridge
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (ML-02-01, ML-01-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	807 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.9 miles
Species/strains historically present	OM(MW)	Number of overnight visitors to cross-country zone annually	28
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	3



<b>Trapper</b>			
NPS lake code: GM-01-01			
Current management: Has reproducing fish; located in the south unit of the national park.			
Major Drainage	Stehekin	Stocking density (fish/acre)	—
Secondary Drainage 1	Upper Stehekin River	Year initially stocked	1948
Secondary Drainage 2		Year last stocked	1968
Elevation	4,165 feet	Current stocking method	—
UTM_E	647784.5313	Outside range of Caudata	Yes
UTM_N	5366904.0000	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	—
County	Chelan	AMMA present	No
Maximum Depth	160.8 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	11,597.77 feet	AMGR present	No
Lake or pond surface area	147.2 acres	Number of times stocked since .....	9
Median Epilimnetic (surface) water temperature	8°C	Forest	21%
TKN – median	0.019 mg/L	Shrub	43%
Fishing potential (based on Trailblazer data)	Poor	Meadow	12%
Shoreline development (ratio between perimeter and surface area)	1.292	Talus	24%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	3	Cliff	0%
Inflow type	Perennial	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Trapper inlet and outlet
Lake shares drainage with other lakes (other lakes denoted)	Yes (CP-01-01, CP-02-01)	Camp type	Cross-country
Index of connectivity	—	Distance to closest lake	6,331 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OC	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OC	Number of overnight visitors to nearest camp annually	90
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	9



<b>Triplet, Lower</b>			
NPS lake code: SM-02-01			
Current management: Has reproducing fish; located in Lake Chelan NRA.			
Major Drainage	Lake Chelan	Stocking density (fish/acre)	—
Secondary Drainage 1	Four Mile Creek	Year initially stocked	1972
Secondary Drainage 2		Year last stocked	1972
Elevation	6,331 feet	Current stocking method	—
UTM_E	681338.0938	Outside range of Caudata	—
UTM_N	5351529.0000	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	No
Maximum Depth	7.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,341.86 feet	AMGR present	No
Lake or pond surface area	2.2 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	17.5°C	Forest	0%
TKN – median	0.06 mg/L	Shrub	48%
Fishing potential (based on Trailblazer data)	Fair	Meadow	46%
Shoreline development (ratio between perimeter and surface area)	1.214	Talus	6%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Perennial	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Triplet Lakes
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (SM-02-02, SM-01-01)	Camp type	—
Index of connectivity	-0.2	Distance to closest lake	332 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	No
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OCL(TL)	Number of overnight visitors to cross-country zone annually	9
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>Triplet, Upper</b>			
NPS lake code: SM-02-02			
Current management: Has reproducing fish; located in Lake Chelan NRA.			
Major Drainage	Lake Chelan	Stocking density (fish/acre)	—
Secondary Drainage 1	Four Mile Creek	Year initially stocked	1972
Secondary Drainage 2		Year last stocked	1972
Elevation	6,551 feet	Current stocking method	—
UTM_E	681644.5625	Outside range of Caudata	Yes
UTM_N	5351352.2500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	—
County	Chelan	AMMA present	No
Maximum Depth	12.5 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,459.97 feet	AMGR present	No
Lake or pond surface area	2.3 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	19.7°C	Forest	0%
TKN – median	0.03 mg/L	Shrub	35%
Fishing potential (based on Trailblazer data)	Good	Meadow	33%
Shoreline development (ratio between perimeter and surface area)	1.278	Talus	31%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Triplet Lakes
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (SM-02-01, SM-01-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	332 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	Yes	Trailhead outside the park	—
Reproducing species present	OCL(TL)	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OCL(TL)	Number of overnight visitors to cross-country zone annually	9
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>Triumph</b>			
NPS lake code: M-17-01			
Current management: Stocked; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	20, 70
Secondary Drainage 1	Goodell Creek	Year initially stocked	1961
Secondary Drainage 2		Year last stocked	2002
Elevation	3,685 feet	Current stocking method	Backpack
UTM_E	618692.8438	Outside range of Caudata	—
UTM_N	5392884.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	Yes
County	Whatcom	AMMA present	Yes
Maximum Depth	20.5 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,768.37 feet	AMGR present	No
Lake or pond surface area	4.3 acres	Number of times stocked since .....?	7
Median Epilimnetic (surface) water temperature	17.1°C	Forest	0%
TKN – median	—	Shrub	7%
Fishing potential (based on Trailblazer data)	Good	Meadow	21%
Shoreline development (ratio between perimeter and surface area)	1.159	Talus	72%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	4	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Despair
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-15-01)	Camp type	—
Index of connectivity	0	Distance to closest lake	5,274 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	3.7 miles
Species/strains historically present	OMA, OM(MW)	Number of overnight visitors to cross-country zone annually	49
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>Unnamed</b>			
NPS lake code: FP-01-01			
Current management: Fishless; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Thunder Creek	Year initially stocked	1967
Secondary Drainage 2	McAllister Creek	Year last stocked	1967
Elevation	5,140 feet	Current stocking method	—
UTM_E	638314.9688	Outside range of Caudata	Yes
UTM_N	5382925.5000	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	—
Maximum Depth	—	Within range of AMGR (northwestern salamander)	—
Perimeter	3,093.83 feet	AMGR present	—
Lake or pond surface area	13.5 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	—	Shrub	0%
Fishing potential (based on Trailblazer data)	Fair	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.138	Talus	100%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Alpine
Number of outflow streams	—	Cross-country zone	Klawatti
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (EP-10-01, EP-02-01, EP-11-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	399 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	—
Species/strains historically present	OM, OC	Number of overnight visitors to cross-country zone annually	193
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Unnamed</b>			
NPS lake code: MR-11-01			
Current management: Stocked; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	50
Secondary Drainage 1	North Stehekin River	Year initially stocked	1990
Secondary Drainage 2	Rainbow Creek	Year last stocked	2002
Elevation	6,111 feet	Current stocking method	Backpack
UTM_E	671232.4063	Outside range of Caudata	—
UTM_N	5364761.2500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	28.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,404.20 feet	AMGR present	No
Lake or pond surface area	2.9 acres	Number of times stocked since .....	3
Median Epilimnetic (surface) water temperature	14.6°C	Forest	0%
TKN – median	0.06 mg/L	Shrub	70%
Fishing potential (based on Trailblazer data)	Fair	Meadow	0%
Shoreline development (ratio between perimeter and surface area)	1.124	Talus	30%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Trail/Rainbow Ridge
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	RRC01
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-18-01, MR-15-01, MR-15-02, MR-12-01, MR-16-01)	Camp type	Cross-country
Index of connectivity	0.4	Distance to closest lake	2,286 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.2 miles
Species/strains historically present	OC, OM, OM(MW)	Number of overnight visitors to cross-country zone annually	6
Stocking frequency (years of cycle)	5	Number of anglers annually (based on 10% assumption of total visitors)	0





<b>Unnamed</b>			
NPS lake code: MR-16-01			
Current management: Has limited population of reproducing fish; located in Lake Chelan NRA.			
Major Drainage	Stehekin	Stocking density (fish/acre)	—
Secondary Drainage 1	North Stehekin River	Year initially stocked	1983
Secondary Drainage 2	Rainbow Creek	Year last stocked	1983
Elevation	6,230 feet	Current stocking method	—
UTM_E	672989.9688	Outside range of Caudata	—
UTM_N	5362254.7500	Caudata survey done	Yes
Side of Pacific Crest	East	Within range of AMMA (long-toed salamander)	Yes
County	Chelan	AMMA present	Yes
Maximum Depth	6.6 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	1,167.98 feet	AMGR present	No
Lake or pond surface area	1.9 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	—	Forest	0%
TKN – median	0.055 mg/L	Shrub	57%
Fishing potential (based on Trailblazer data)	Good	Meadow	43%
Shoreline development (ratio between perimeter and surface area)	1.157	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Rennie
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (MR-11-01, MR-12-01, MR-18-01, MR-15-01, MR-15-02)	Camp type	—
Index of connectivity	0.2	Distance to closest lake	4,994 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	No
Reproducing species present	OC	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	1.2 miles
Species/strains historically present	OM(MW), OC	Number of overnight visitors to cross-country zone annually	7
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	1



<b>Vulcan</b>			
NPS lake code: ML-04-01			
Current management: Fishless; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Thunder Creek	Year initially stocked	1968
Secondary Drainage 2	Fisher Creek	Year last stocked	1968
Elevation	5,180 feet	Current stocking method	—
UTM_E	650636.4063	Outside range of Caudata	Yes
UTM_N	5380712.0000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	No
Maximum Depth	25.2 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,522.97 feet	AMGR present	No
Lake or pond surface area	8.2 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	10.7°C	Forest	21%
TKN – median	0.03 mg/L	Shrub	23%
Fishing potential (based on Trailblazer data)	Fair	Meadow	15%
Shoreline development (ratio between perimeter and surface area)	1.190	Talus	41%
Inlet or outlet	No	Bedrock	0%
Number of inflow streams	1	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Logan
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	No	Camp type	—
Index of connectivity	—	Distance to closest lake	—
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	No	Trailhead outside the park	Yes
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	0.6 mile
Species/strains historically present	OM(HG)	Number of overnight visitors to cross-country zone annually	129
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Wilcox/Lillie, Upper</b>			
NPS lake code: EP-06-01			
Current management: Has reproducing fish; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Newhalem Creek	Year initially stocked	1967
Secondary Drainage 2	East Fork Newhalem Creek	Year last stocked	1991
Elevation	5,136 feet	Current stocking method	—
UTM_E	634874.9375	Outside range of Caudata	Yes
UTM_N	5384523.7500	Caudata survey done	—
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	—
Maximum Depth	65 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,683.73 feet	AMGR present	—
Lake or pond surface area	10.5 acres	Number of times stocked since .....?	1
Median Epilimnetic (surface) water temperature	14.5°C	Forest	7%
TKN – median	0.024 mg/L	Shrub	25%
Fishing potential (based on Trailblazer data)	Good	Meadow	49%
Shoreline development (ratio between perimeter and surface area)	1.118	Talus	19%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	5	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Stout Lake
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (EP-05-01, EP-03-01, EP-04-01, EP-01-01, DD-08-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	76 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	OC, OM, OMxOC	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	2.5 miles
Species/strains historically present	OC, OM, OM(MW)	Number of overnight visitors to cross-country zone annually	45
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>Wilcox/Sandie, Lower</b>			
NPS lake code: EP-05-01			
Current management: Has reproducing fish and is stocked; located in the south unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	70
Secondary Drainage 1	Newhalem Creek	Year initially stocked	1967
Secondary Drainage 2	East Fork Newhalem Creek	Year last stocked	1993
Elevation	5,120 feet	Current stocking method	Backpack; fixed-wing aircraft
UTM_E	634611.8125	Outside range of Caudata	Yes
UTM_N	5384573.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Skagit	AMMA present	No
Maximum Depth	19.7 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	2,296.59 feet	AMGR present	No
Lake or pond surface area	5.4 acres	Number of times stocked since .....	4
Median Epilimnetic (surface) water temperature	13.5°C	Forest	29%
TKN – median	0.03 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Good	Meadow	4%
Shoreline development (ratio between perimeter and surface area)	1.335	Talus	67%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	Mixed	Vegetation zone	Subalpine
Number of outflow streams	1	Cross-country zone	Stout Lake
Isolated from any other lake or pond within 2,000 feet	No	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (EP-06-01, EP-03-01, EP-04-01, EP-01-01, DD-08-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	76 feet
Observed fish reproduction	Yes	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	OC	Trail to lake	No
Stocked spp/strain present	OM(MW)	Line of sight distance to trail	1.9 miles
Species/strains historically present	OC, OM, OM(MW)	Number of overnight visitors to cross-country zone annually	45
Stocking frequency (years of cycle)	4	Number of anglers annually (based on 10% assumption of total visitors)	5



<b>Wild</b>			
NPS lake code: MC-27-01			
Current management: Fishless; located in the north unit of the national park.			
Major Drainage	Skagit	Stocking density (fish/acre)	—
Secondary Drainage 1	Goodell Creek	Year initially stocked	1967
Secondary Drainage 2	Upper Goodell Creek	Year last stocked	1967
Elevation	4,880 feet	Current stocking method	—
UTM_E	619985.9375	Outside range of Caudata	Yes
UTM_N	5405364.7500	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	28.9 feet	Within range of AMGR (northwestern salamander)	—
Perimeter	4,288.06 feet	AMGR present	No
Lake or pond surface area	12.7 acres	Number of times stocked since .....?	2
Median Epilimnetic (surface) water temperature	10.1°C	Forest	0%
TKN – median	0.0105 mg/L	Shrub	0%
Fishing potential (based on Trailblazer data)	Poor	Meadow	60%
Shoreline development (ratio between perimeter and surface area)	1.626	Talus	40%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	—	Cliff	0%
Inflow type	—	Vegetation zone	Subalpine
Number of outflow streams	—	Cross-country zone	Pioneer Ridge
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	None
Lake shares drainage with other lakes (other lakes denoted)	Yes (M-21-01, M-16-01, MC-13-01)	Camp type	—
Index of connectivity	—	Distance to closest lake	10,883 feet
Observed fish reproduction	—	Accessible by horseback	No
Observed spawning habitat present	—	Trailhead outside the park	—
Reproducing species present	—	Trail to lake	No
Stocked spp/strain present	—	Line of sight distance to trail	5.6 miles
Species/strains historically present	OM	Number of overnight visitors to cross-country zone annually	26
Stocking frequency (years of cycle)	—	Number of anglers annually (based on 10% assumption of total visitors)	—



<b>Willow</b>			
NPS lake code: HM-04-01			
Current management: Stocked; located in Ross Lake NRA.			
Major Drainage	Ross	Stocking density (fish/acre)	25
Secondary Drainage 1	Northeast Ross Lake	Year initially stocked	1960
Secondary Drainage 2	Upper Lightning Creek	Year last stocked	2002
Elevation	2,853 feet	Current stocking method	Backpack; fixed-wing aircraft; unknown
UTM_E	646033.6875	Outside range of Caudata	—
UTM_N	5422914.5000	Caudata survey done	Yes
Side of Pacific Crest	West	Within range of AMMA (long-toed salamander)	—
County	Whatcom	AMMA present	No
Maximum Depth	26.9 feet	Within range of AMGR (northwestern salamander)	Yes
Perimeter	5,436.35 feet	AMGR present	Yes
Lake or pond surface area	16.9 acres	Number of times stocked since .....?	14
Median Epilimnetic (surface) water temperature	19.5°C	Forest	71%
TKN – median	0.12 mg/L	Shrub	7%
Fishing potential (based on Trailblazer data)	Good	Meadow	22%
Shoreline development (ratio between perimeter and surface area)	1.790	Talus	0%
Inlet or outlet	Yes	Bedrock	0%
Number of inflow streams	2	Cliff	0%
Inflow type	Ephemeral	Vegetation zone	Low forest
Number of outflow streams	1	Cross-country zone	None
Isolated from any other lake or pond within 2,000 feet	Yes	Camp name	Willow Lake
Lake shares drainage with other lakes (other lakes denoted)	Yes (Ross Lake)	Camp type	Hiker
Index of connectivity	—	Distance to closest lake	5,000 feet
Observed fish reproduction	—	Accessible by horseback	Yes
Observed spawning habitat present	No	Trailhead outside the park	No
Reproducing species present	—	Trail to lake	Yes
Stocked spp/strain present	OCC	Line of sight distance to trail	0
Species/strains historically present	OM, OM(MW), OC, OCL(TL)	Number of overnight visitors to nearest camp annually	32
Stocking frequency (years of cycle)	1	Number of anglers annually (based on 10% assumption of total visitors)	3

