BEAR CREEK WATERSHED

Fact Sheet 33 Stream Temperature Standards
June 8, 2016

The Bear Creek Watershed Association protects and restores water and environmental quality within the Bear Creek Watershed from the effects of land use.

Clear Creek County
Jefferson County
City of Lakewood
Town of Morrison
Aspen Park Metropolitan District
Brook Forest Inn
Conifer Sanitation Association
Conifer Metropolitan District
Denver Water Department
Evergreen Metropolitan District
Forrest Hills Metropolitan District
Genesee Sanitation & Water District
Geneva Glen
Jefferson County School District
Kittredge Water & Sanitation District
Tiny Town Foundation, Inc.
West Jefferson County Metropolitan District
Evergreen Trout Unlimited
U.S. Army Corps of Engineers

CS-I	Cold Stream, Tier I	Brook trout, cutthroat trout
CS-II	Cold Stream, Tier II	Brown trout, rainbow trout, mottled sculpin, mountain whitefish, longnose sucker, Arctic grayling
CL	Cold Lake	Brook trout, brown trout, cutthroat trout, lake trout, rainbow trout, Arctic grayling, salmon
CLL	Cold Large Lake > 100 surface acres	Rainbow trout
WS-I	Warm Stream Tier I	Common shiner, Johnny darter, orangethroat darter
WS-II	Warm Stream Tier II	Brook stickleback, central stoneroller, creek chub, longnose dace, northern redbelly dace, white sucker

Segment	Description	Standard	Month	STANDARD (°C) (MWAT)	(DM)	Month	STANDARD (°C) (MWAT)	(DM)
1a	Mainstem Bear Creek from Mt. Evans Wilderness to Evergreen Lake	T=TVS(CS-I) °C	June-Sept	17.0	21.2	Oct-May	9.0	13.0
1b	Mainstem Bear Creek from Harriman Ditch to Bear Creek Reservoir	T=TVS(CS-II) °C, April-Oct; T(WAT)=19.3 oC	April-Oct	19.3	23.8	Nov-March	9.0	13.0
1c	Bear Creek Reservoir.	T=TVS(CLL) °C; April-Dec; T(WAT)=23.3oC	April-Dec	23.3	23.8	Jan-Mar	9.0	13.0
1d	Evergreen Lake.	T=TVS(CLL) °C	April-Dec	18.2	23.8	Jan-Mar	9.0	13.0
1e	Mainstem Bear Creek from Evergreen Lake to Harriman Ditch.	T=TVS(CS-II) °C; April-Oct; T(WAT)=19.3 oC	April-Oct	19.3	23.8	Nov-March	9.0	13.0
2	Mainstem Bear Creek from Bear Creek Reservoir to South Platte River.	T=TVS(WS-II) °C	March-Nov	27.5	28.6	Nov-March	13.7	14.3
3	All tributaries to Bear Creek from source to outlet of Evergreen Lake	T=TVS(CS-I) °C	June-Sept	17.0	21.2	Oct-May	9.0	13.0
4a	All tributaries to Bear Creek from the outlet of Evergreen Lake to South Platte River	T=TVS(WS-I) °C	March-Nov	24.2	29.0	Dec-Feb	12.1	14.5
5	Swede, Kerr, Sawmill, Troublesome, and Cold Springs Gulches, and Cub Creek	T=TVS(CS-II) °C	April-Oct	18.2	23.8	Nov-March	9.0	13.0
6a	Turkey Creek system from source to Bear Creek Reservoir	T=TVS(CS-II) °C	April-Oct	18.2	23.8	Nov-March	9.0	13.0
6b	Mainstem of North Turkey Creek	T=TVS(CS-I) °C	June-Sept	17.0	21.2	Oct-May	9.0	13.0
7	Mainstem and all tributaries within the Mt. Evans Wilderness Area.	T=TVS(CS-I) °C	June-Sept	17.0	21.2	Oct-May	9.0	13.0
8	Lakes and reservoirs in Mt. Evans Wilderness area.	T=TVS(CL) °C	April-Dec	17.0	21.2	Jan-Mar	9.0	13.0
9	Lakes and reservoirs from Mt. Evans Wilderness area to Evergreen Lake.	T=TVS(CL) °C	April-Dec	17.0	21.2	Jan-Mar	9.0	13.0
10	Lakes and reservoirs in drainages of Swede Gulch, Sawmill Gulch, Troublesome Gulch, and Cold Springs Gulch	T=TVS(CL) °C	April-Dec	17.0	21.2	Jan-Mar	9.0	13.0
11	Lakes and reservoirs from the outlet of Evergreen Lake to South Platte River	T=TVS(CL) °C	April-Dec	17.0	21.2	Jan-Mar	9.0	13.0
12	Lakes and reservoirs in the Turkey Creek system	T=TVS(CL) °C	April-Dec	17.0	21.2	Jan-Mar	9.0	13.0

Established 1981
www.bearcreekwatershed.org