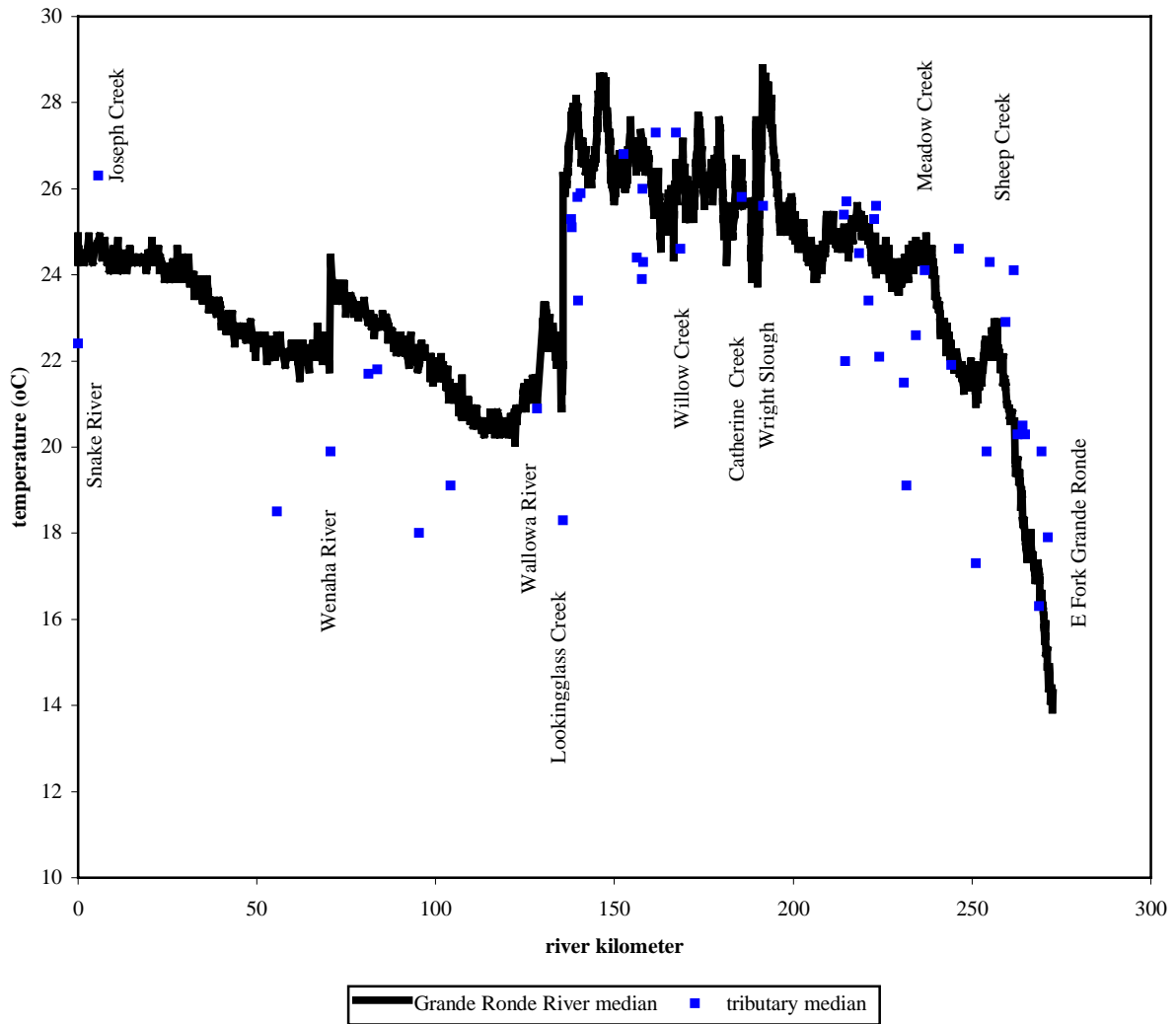
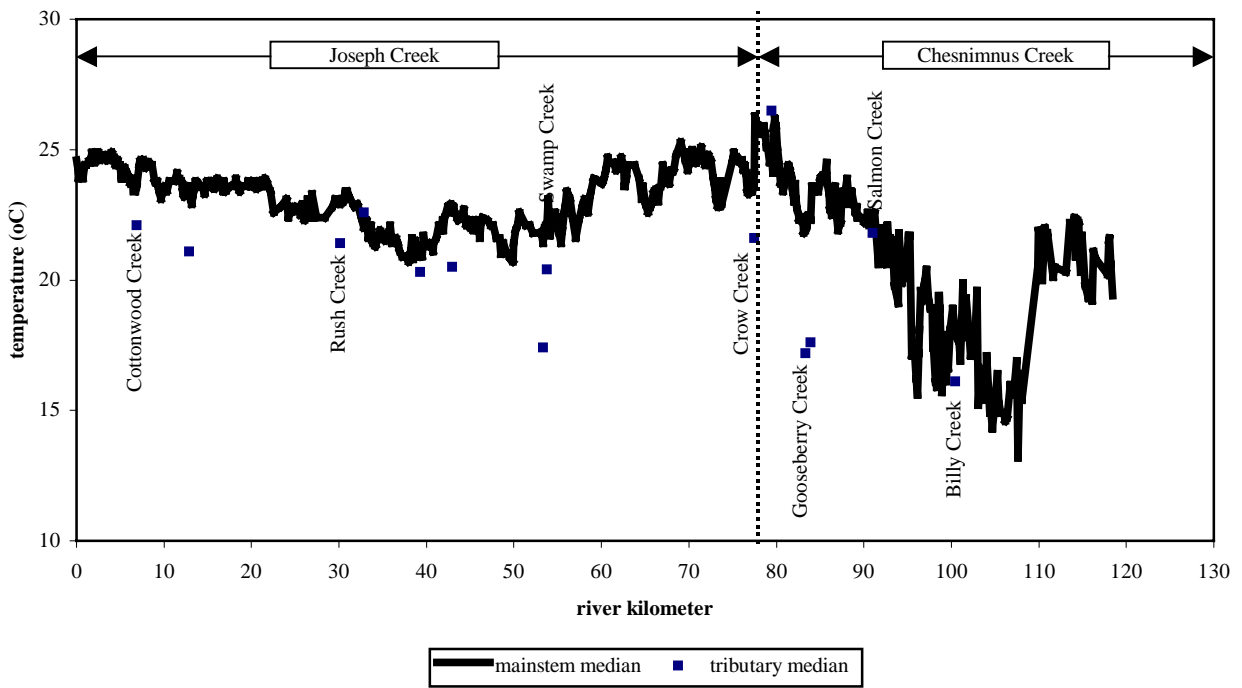


Appendix A – Longitudinal Profiles

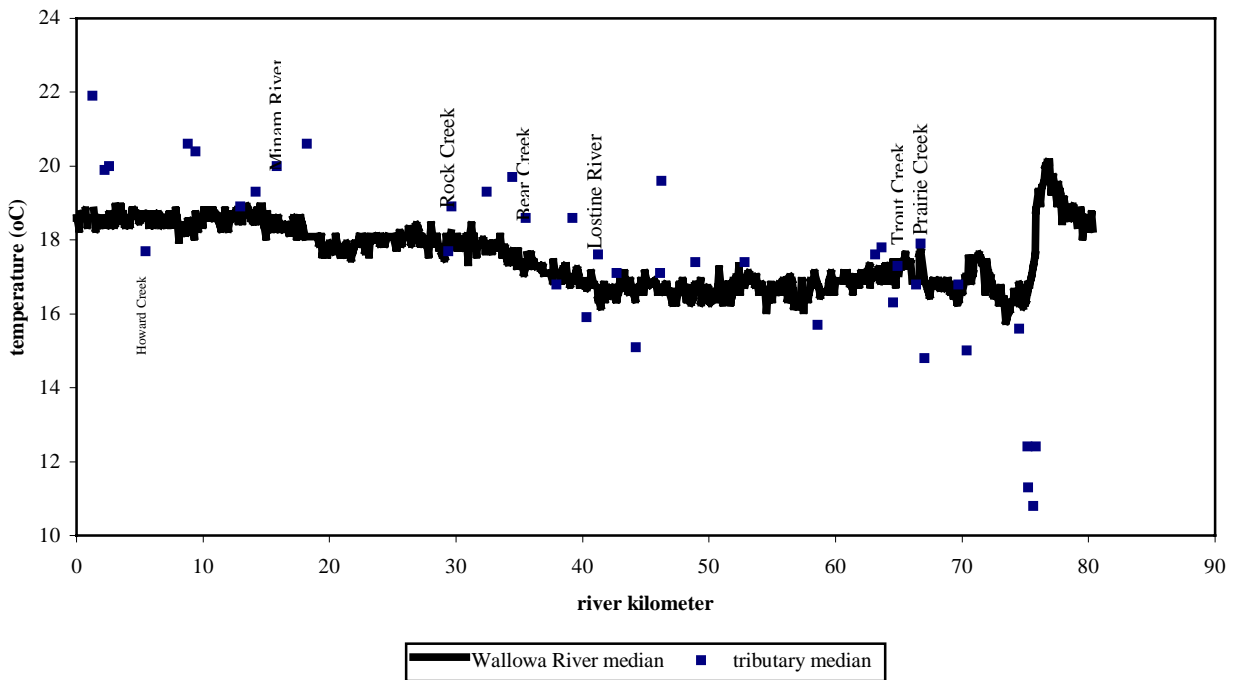


Appendix Figure A1. Longitudinal temperature profile of Grande Ronde River from the confluence with the Snake River to the headwaters.

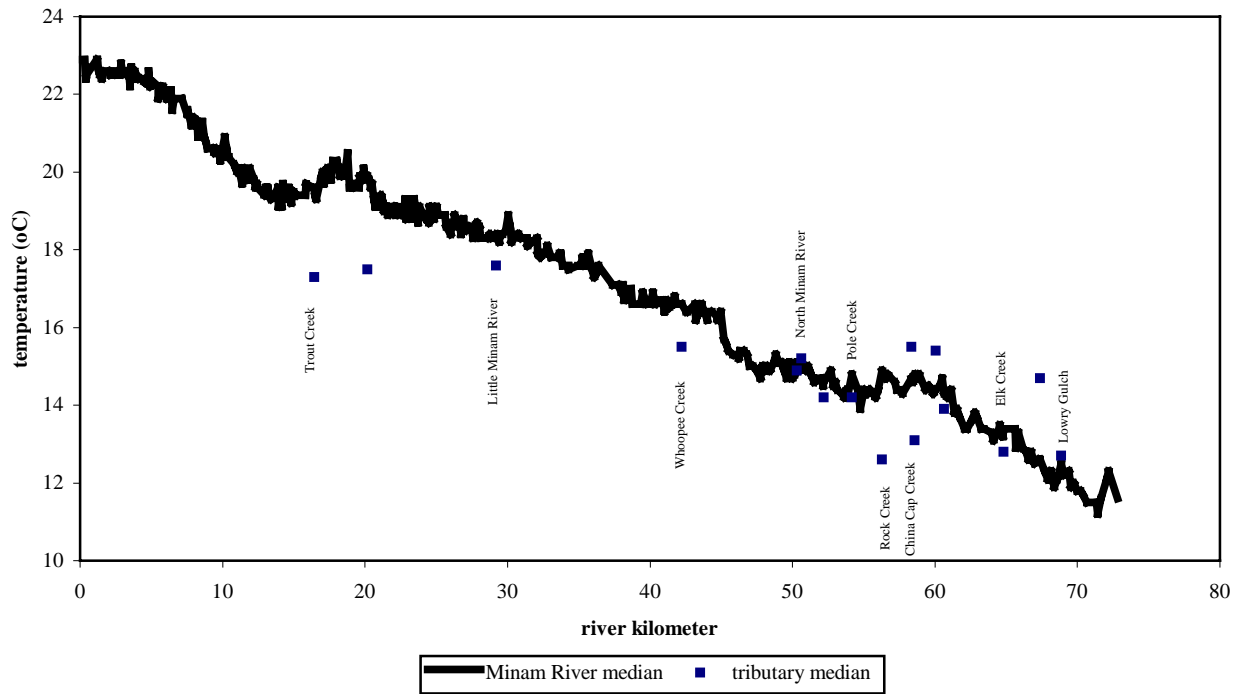
Tributary	River Km	Tributary Temp (°C)	Mainstem Temp (°C)	Difference (trib-mainstem)	FLIR image
Snake River	0.0	22.4	24.5	-2.1	Lgr0016
Joseph Creek	5.6	26.3	24.8	+1.5	Lgr0090
Menatchee Creek	55.6	18.5	22.6	-4.1	Lgr0704
Wenaha River	70.6	19.9	24.4	-4.5	Lgr0890
Mud Creek	81.3	21.7	23.1	-1.4	Lgr1018
Wildcat Creek	83.7	21.8	22.9	-1.1	Lgr1046
Unnamed Creek (RB)	95.3	18.0	21.9	-3.9	Lgr1211
Bear Creek #4	104.2	19.2	21.3	-2.2	Lgr1343
Wallowa River	128.3	20.9	21.0	-0.1	Ugr0021
Lookingglass Creek	135.7	18.3	26.3	-8.0	Ugr0222
Rysdam Canyon	137.9	25.3	27.4	-2.1	Ugr0281
Unnamed Creek (LB)	138.1	25.1	27.4	-2.3	Ugr0289
Cabin Creek	139.7	25.8	27.9	-2.1	Ugr0341
Unnamed Creek	140.6	25.9	27.1	-1.2	Ugr0371
Pine Creek	152.5	26.8	26.1	+0.7	Ugr0778
Unnamed Creek	156.2	24.4	26.8	-2.4	Ugr0904
Philips Creek	157.7	23.9	27.1	-3.2	Ugr0957
Clark Creek	157.9	26.0	27.1	-1.1	Ugr0965
Unnamed Creek	158.0	24.3	26.8	-2.5	Ugr0969
Indian Creek	161.7	27.3	25.9	+1.4	Ugr1099
Unnamed Creek	167.2	27.3	26.1	+1.2	Ugr1275
Willow Creek	168.5	24.6	26.4	-1.8	Ugr1315
Catherine Creek	185.5	25.8	26.4	-0.6	Ugr1864
Wrights Slough	191.5	25.6	28.3	-2.7	Ugr2176
Coyote Creek	214.1	25.4	25.1	+0.3	Ugr2945
Rock Creek	214.5	22.0	24.9	-2.9	Ugr2955
Unnamed Creek (LB)	218.4	24.5	25.4	-0.9	Ugr3075
Spring Creek	221.0	23.4	25.1	-1.7	Ugr3147
Unnamed Creek (RB)	222.6	25.3	24.6	+0.7	Ugr3195
Jordan Creek	223.1	25.6	24.0	+1.6	Ugr3214
Bear Creek	224.1	22.1	24.1	-2.0	Ugr3238
Unnamed Creek	231.7	19.1	24.1	-5.0	Ugr3454
Beaver Creek	234.2	22.6	24.4	-1.8	Ugr3518
Meadow Creek	236.8	24.1	24.3	-0.2	Ugr3582
Fly Creek	244.2	21.9	21.9	0.0	Ugr3798
Whitehorse Creek	246.4	24.6	21.8	+2.8	Ugr3858
Spring Creek	251	17.3	21.0	-3.7	Ugr3990
Unnamed Creek	254.1	19.9	22.2	-2.3	Ugr4075
Unnamed Creek	255.0	22.3	25.5	+2.0	Ugr4095
Sheep Creek	259.3	22.9	21.5	+1.4	Ugr4215
Unnamed Creek (RB)	261.7	24.1	20.6	+3.5	Ugr4263
Unnamed Creek (RB)	262.8	20.3	19.4	+0.9	Ugr4287
Limber Jim Creek	264.2	20.5	18.3	+2.2	Ugr4323
Meadowbrook Creek	264.8	20.3	17.9	+2.4	Ugr4335
Clear Creek	268.7	16.3	17.1	-0.8	Ugr4423
Muir Creek	269.5	19.9	16.6	+3.3	Ugr4443
East Fork Grande Ronde River	271.3	17.9	14.9	+3.0	Ugr4487



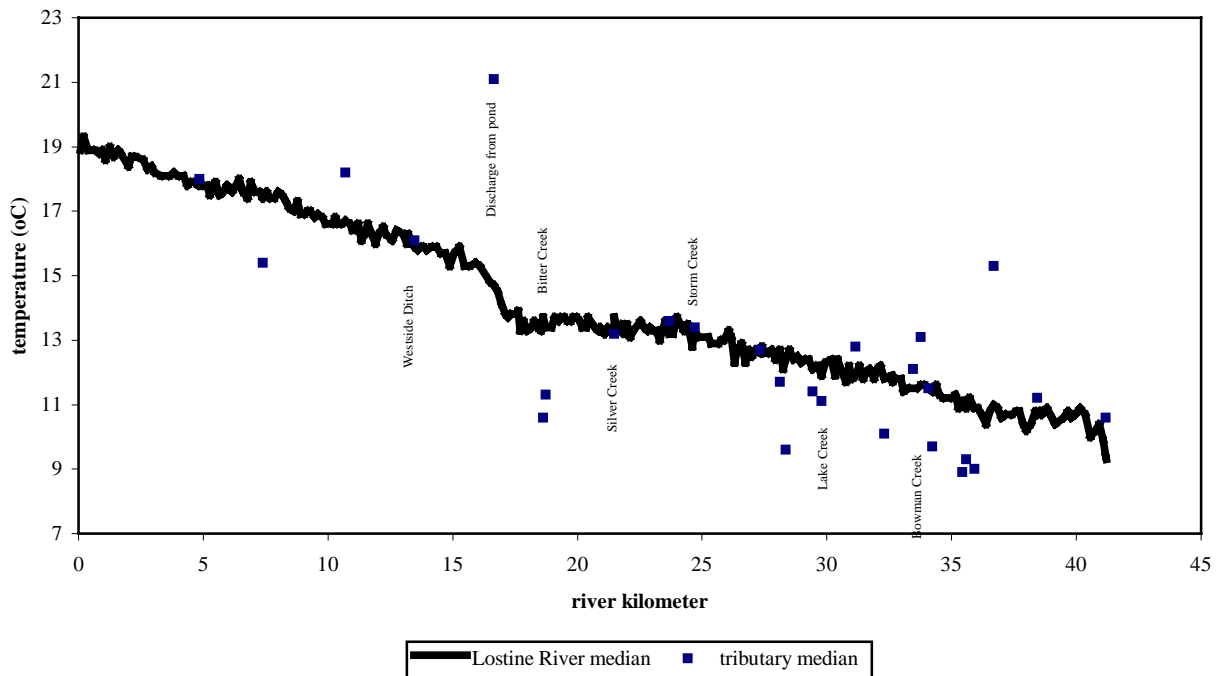
Appendix Figure A2. Longitudinal temperature profile of Joseph and Chesnimnus Creeks.



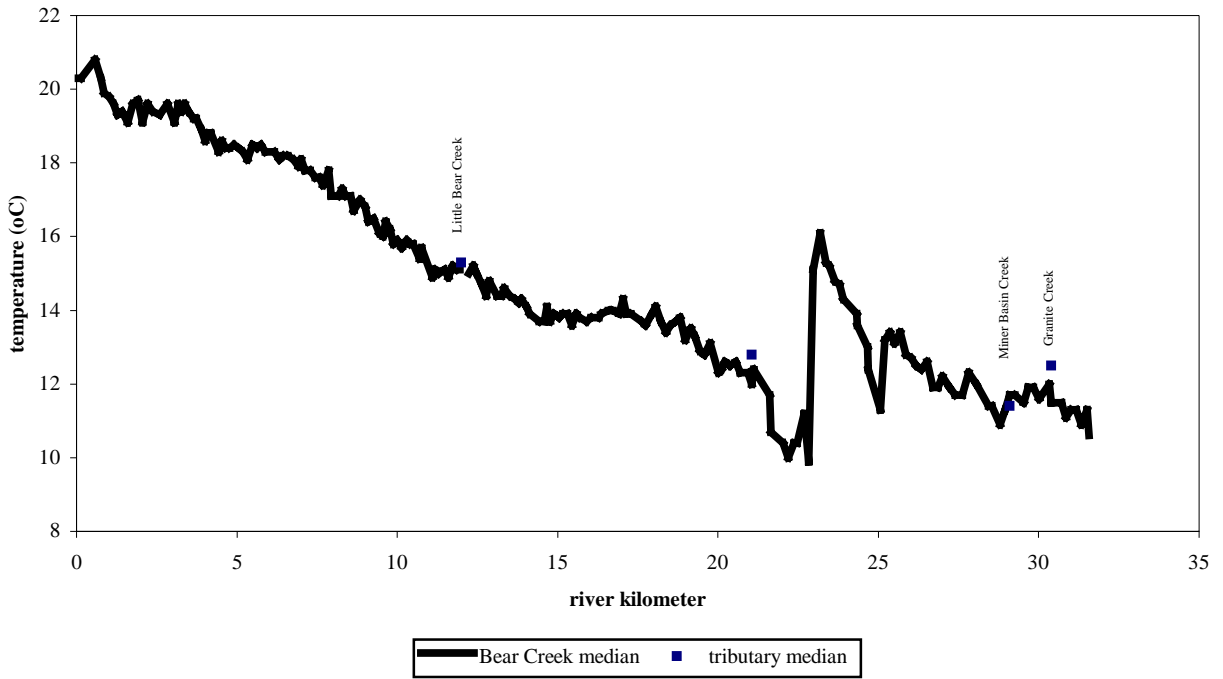
Appendix Figure A3. Longitudinal temperature profile of the Wallowa River.



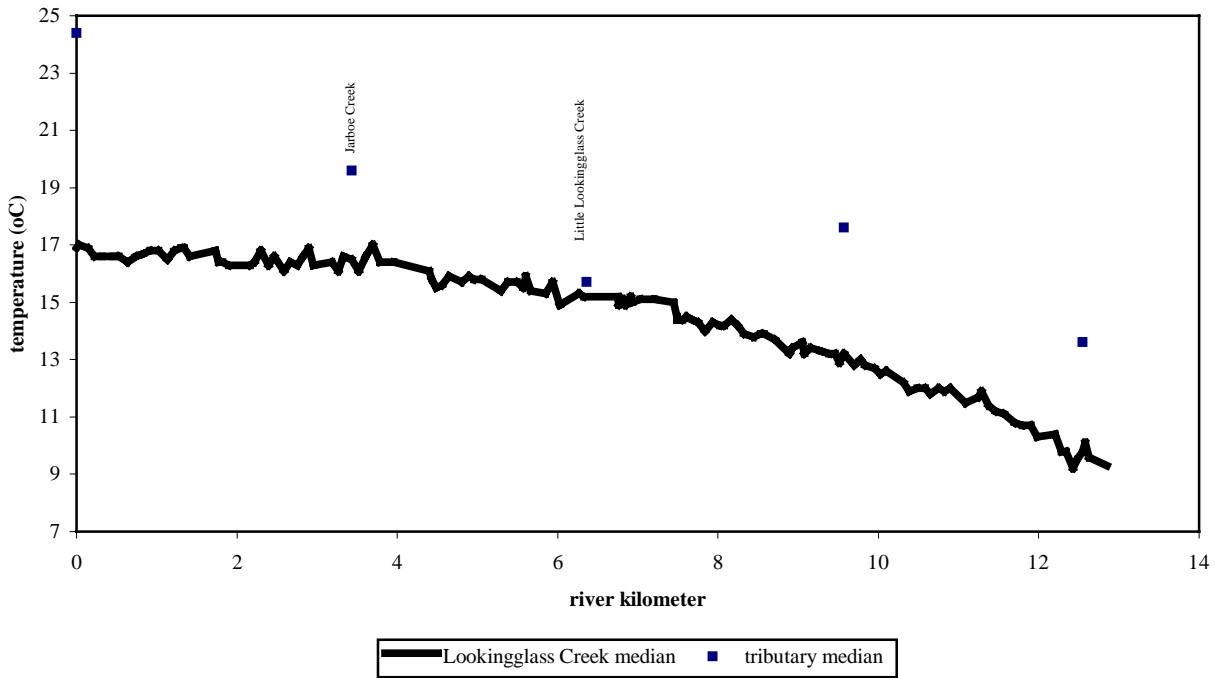
Appendix Figure A4. Longitudinal temperature profile of the Minam River.



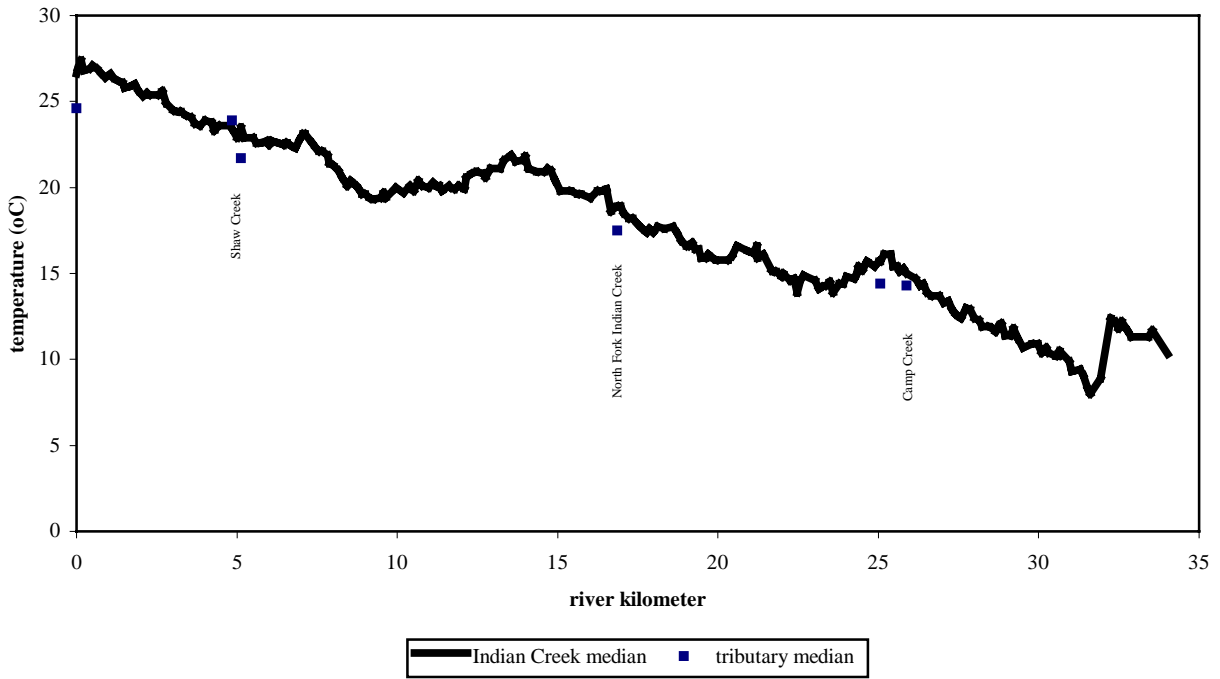
Appendix Figure A5. Longitudinal temperature profile of the Lostine River.



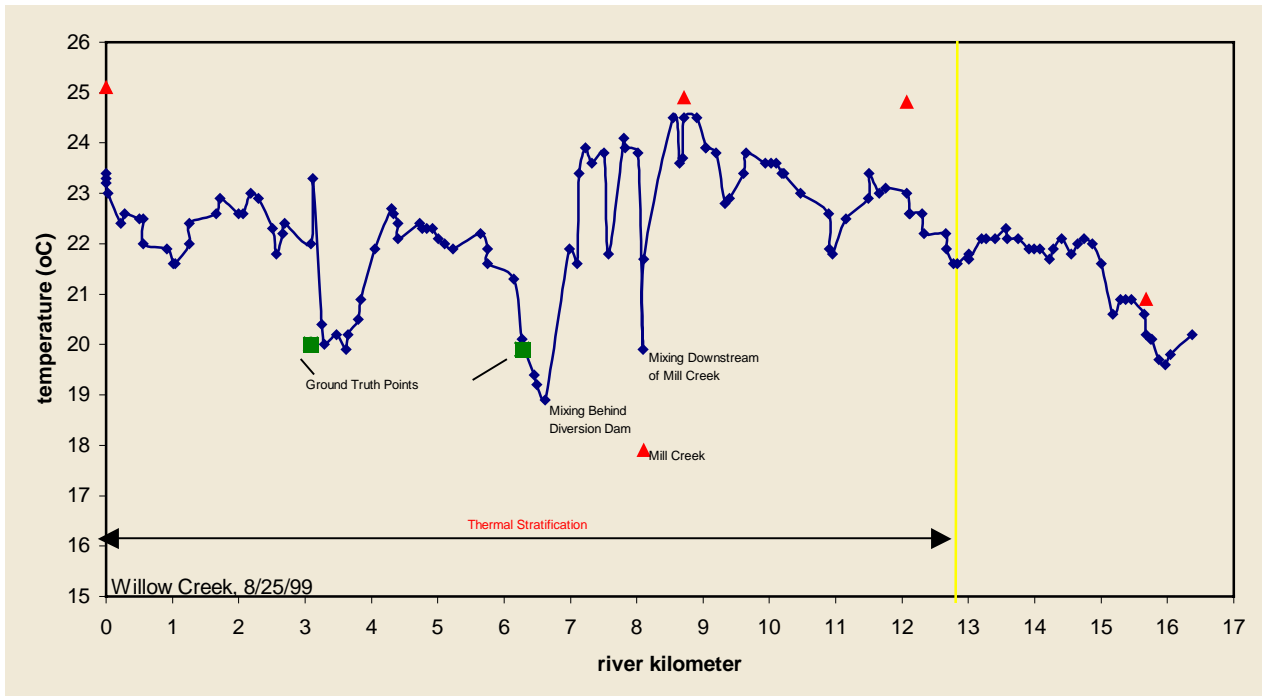
Appendix Figure A6. Longitudinal temperature profile of Bear Creek.



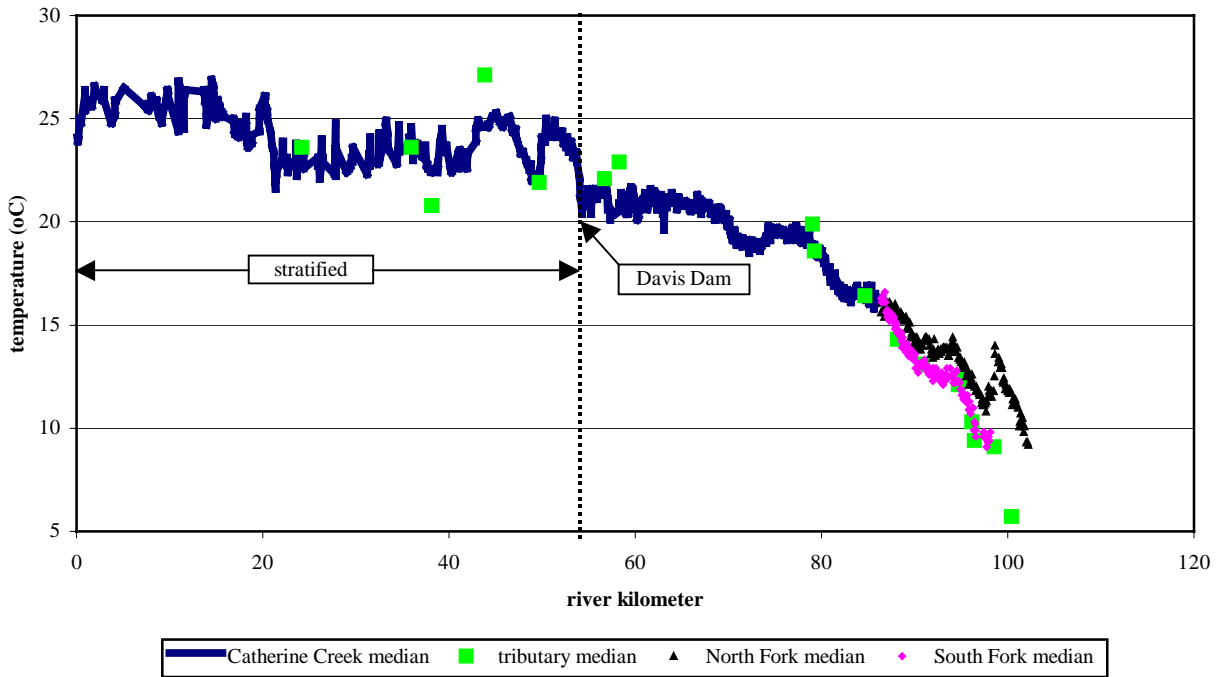
Appendix Figure A7. Longitudinal temperature profile of Lookingglass Creek.



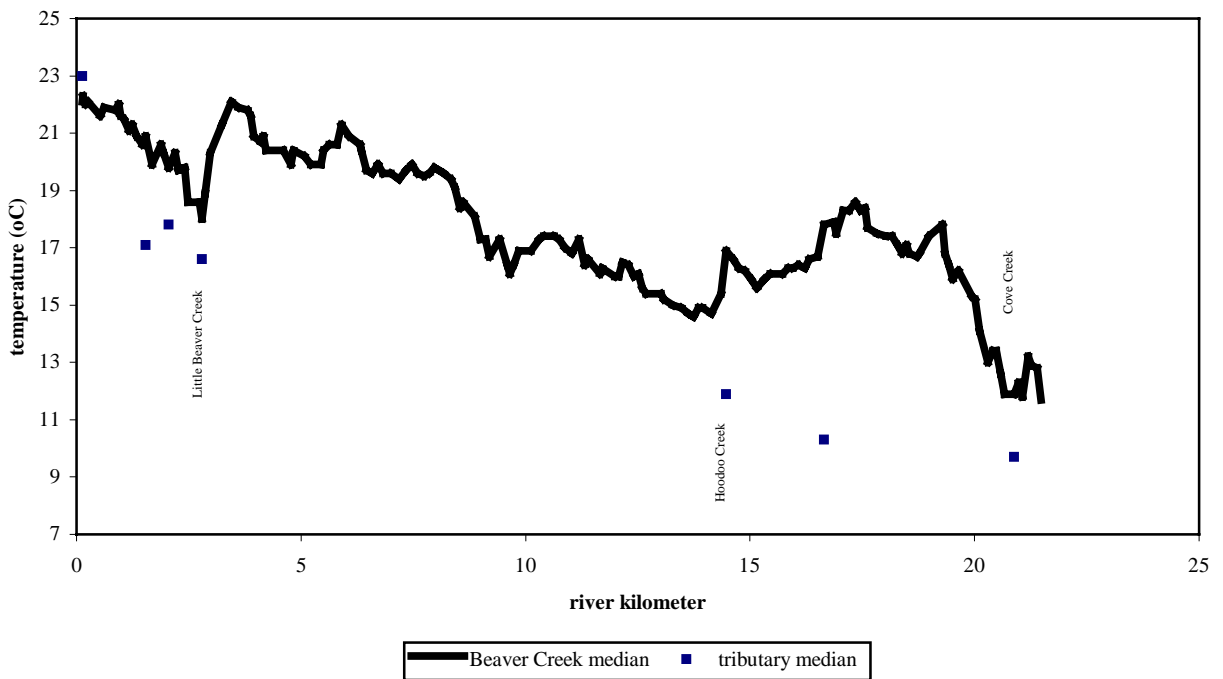
Appendix Figure A8. Longitudinal temperature profile of Indian Creek.



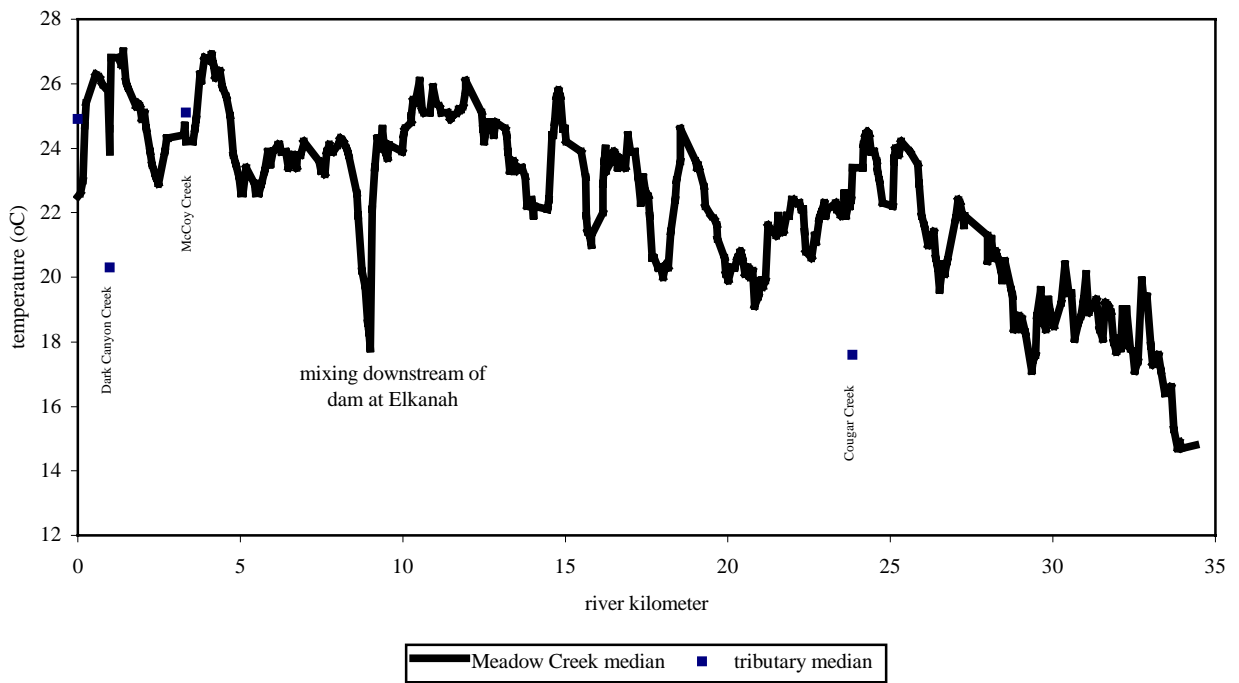
Appendix Figure A9. Longitudinal temperature profile of Willow Creek.



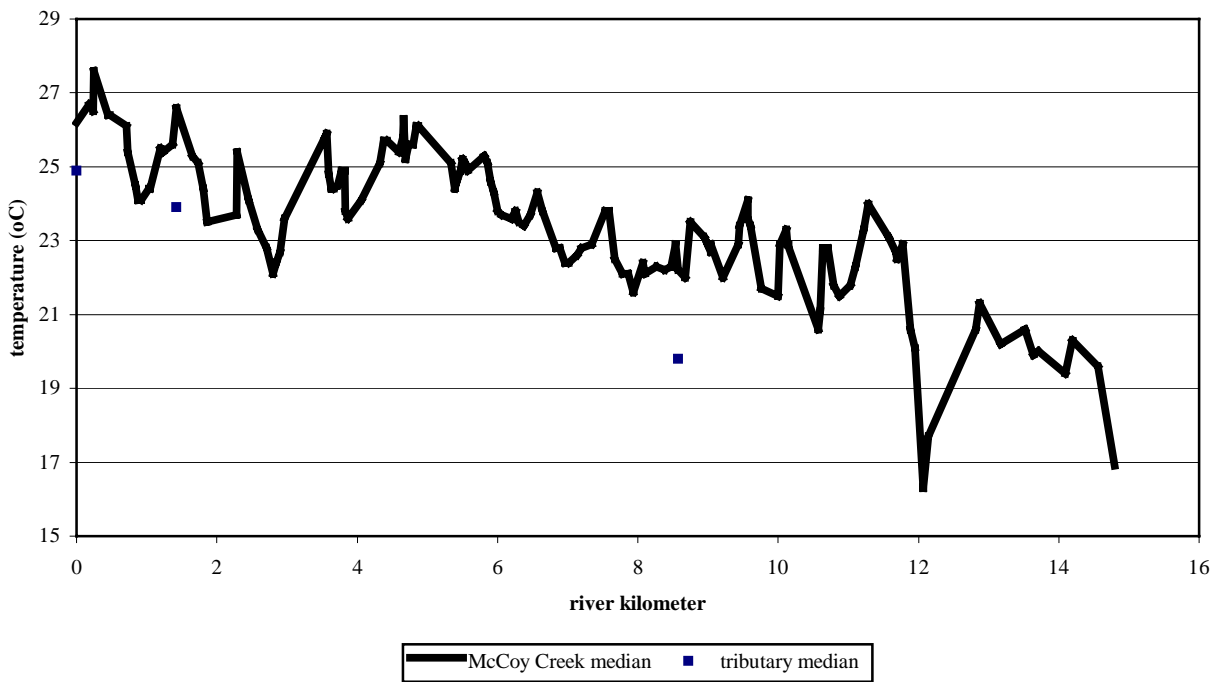
Appendix Figure A10. Longitudinal temperature profile of the Catherine Creek, North Fork and South Fork Catherine Creek.



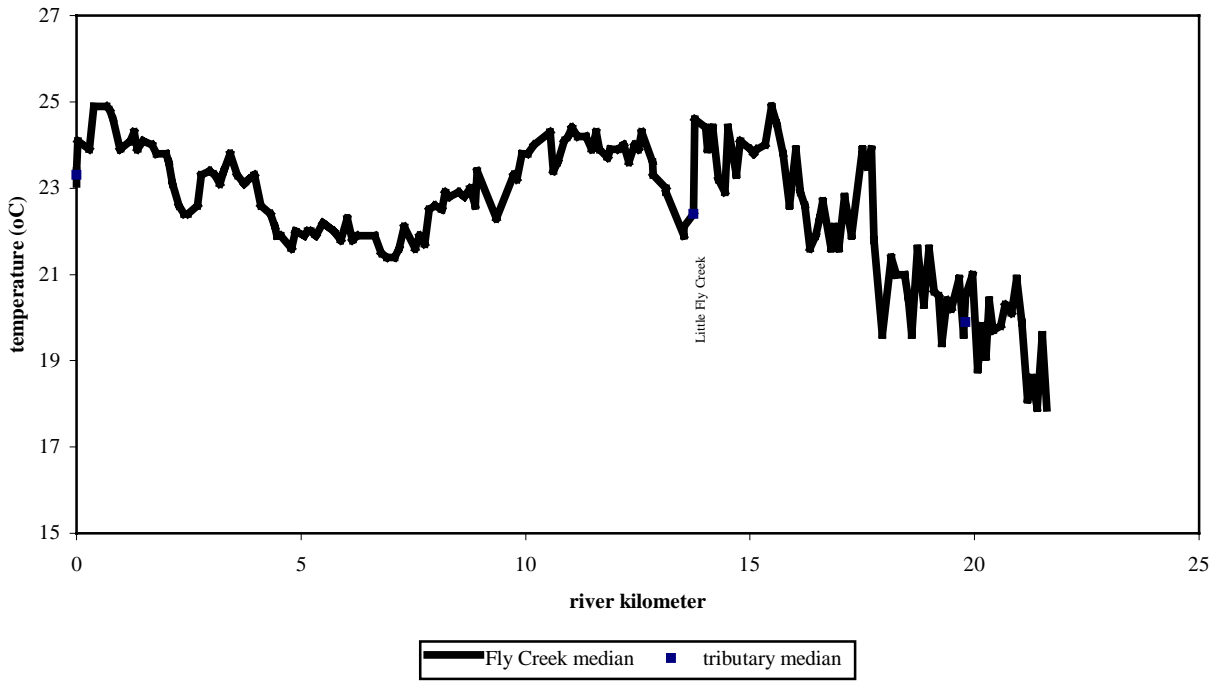
Appendix Figure A11. Longitudinal temperature profile of Beaver Creek.



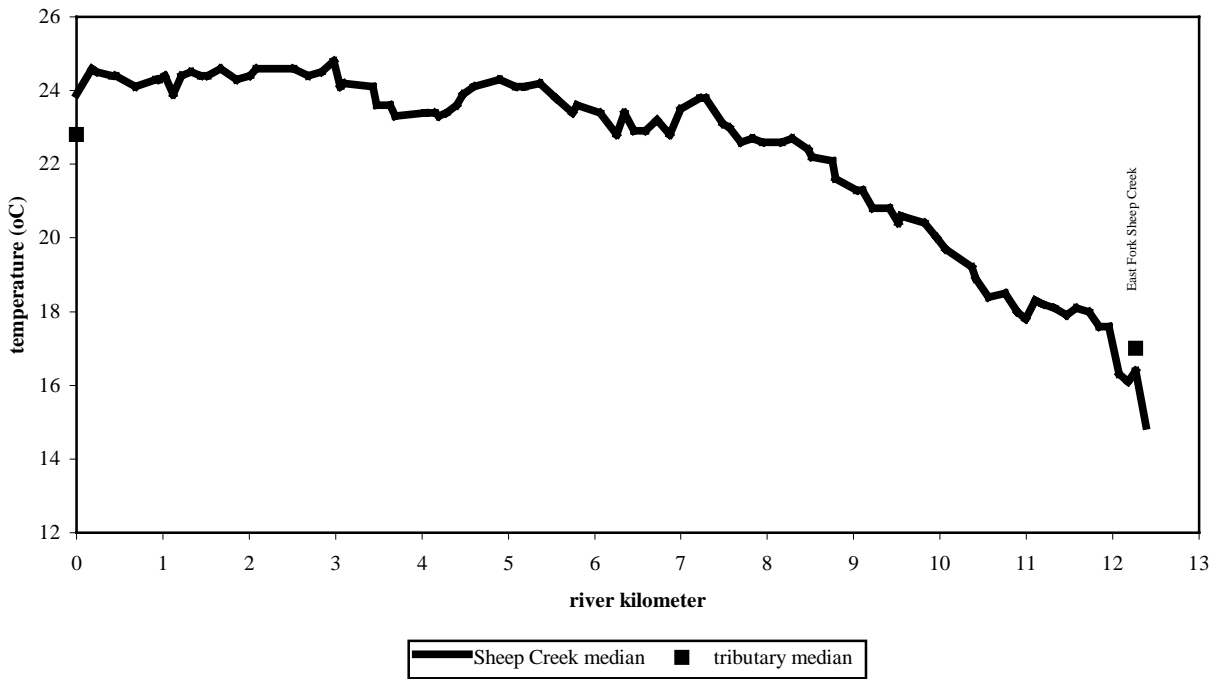
Appendix Figure A12. Longitudinal temperature profile of Meadow Creek.



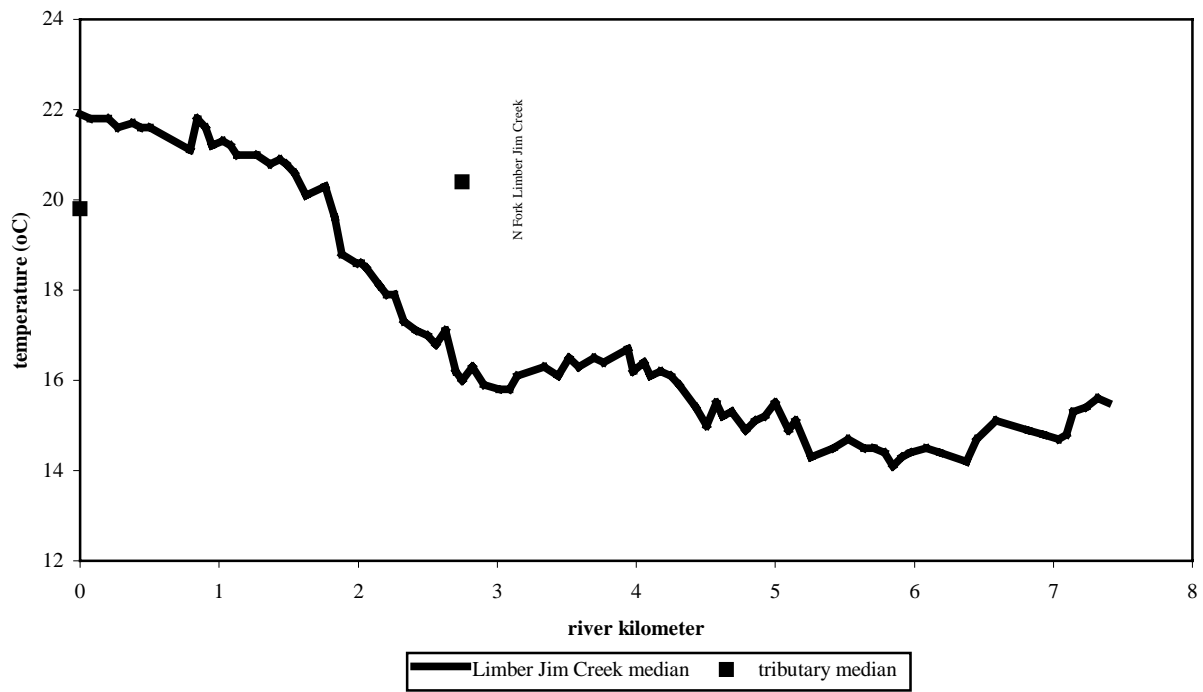
Appendix Figure A13. Longitudinal temperature profile of McCoy Creek.



Appendix Figure A14. Longitudinal temperature profile of Fly Creek.



Appendix Figure A15. Longitudinal temperature profile of Sheep Creek.



Appendix Figure A16. Longitudinal temperature profile of Limber Jim Creek.