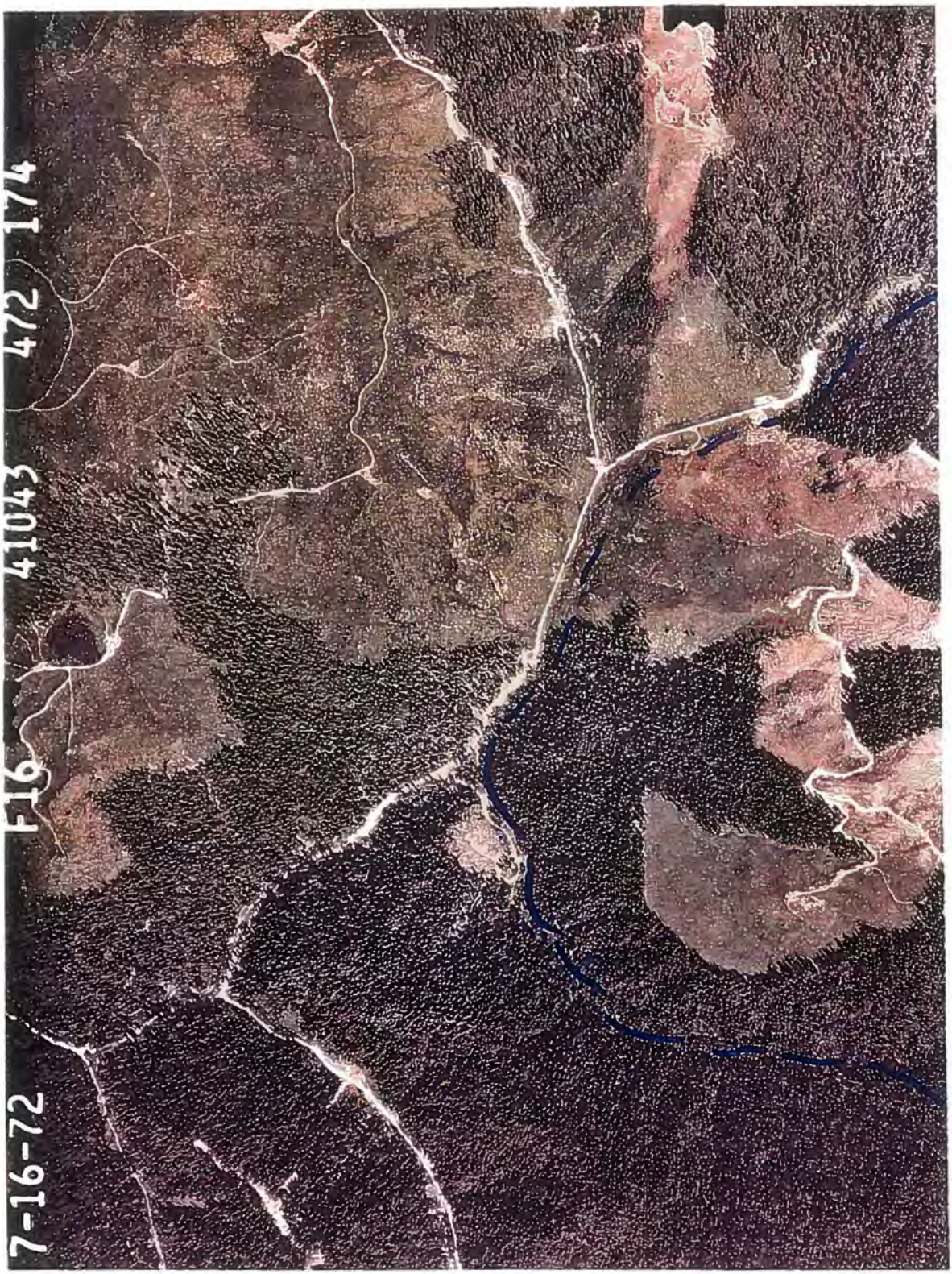
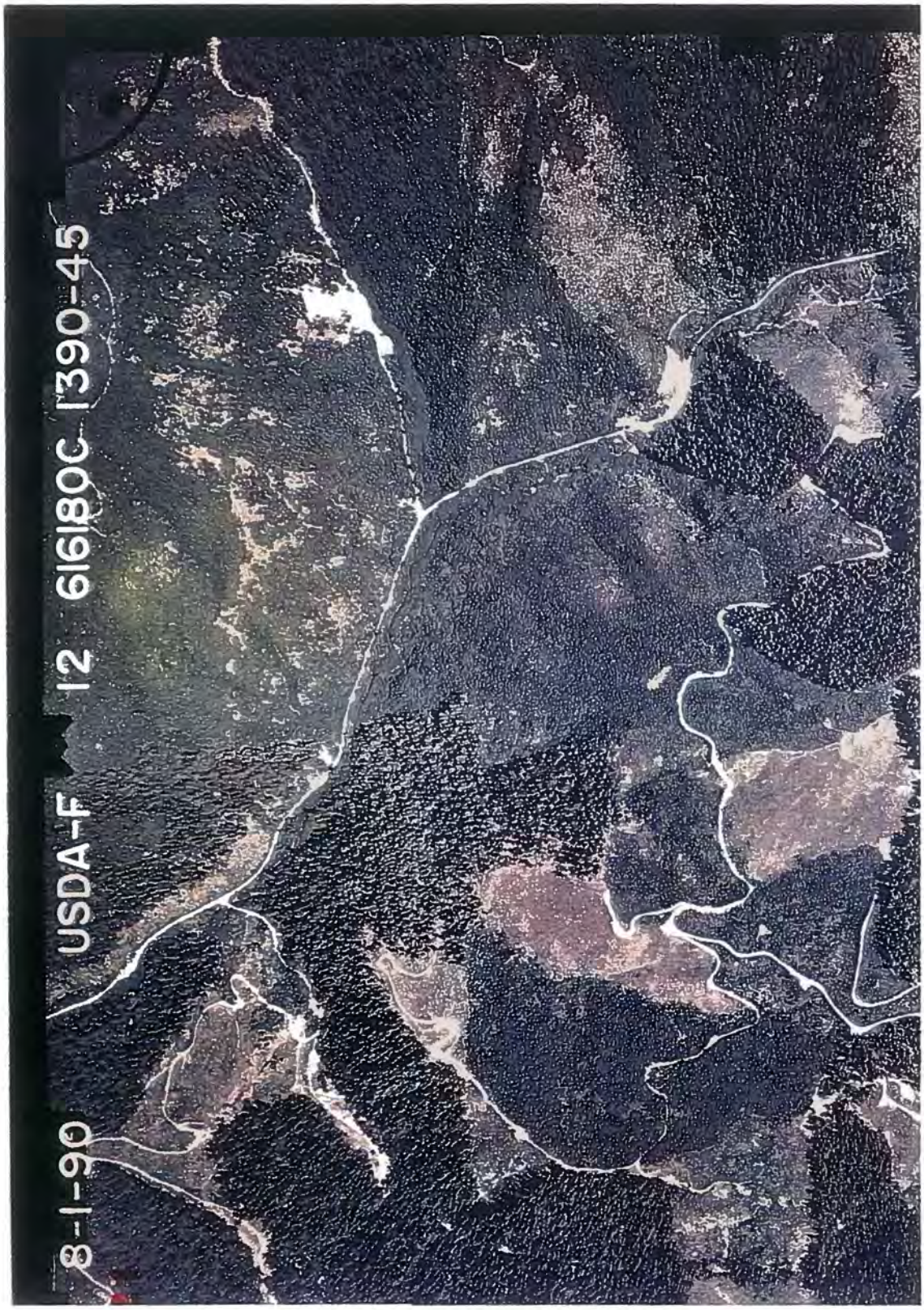


Aerial Photo 5: Confluence of Doe Creek and Quart Creek 1972. Left is north.



Aerial Photo 6: Confluence of Doe Creek and Quart Creek 1990. Left is north.

Photo 1: Riparian area lower Quartz Creek at road mile 0.7. Floodplain has planted conifers. Riparian zone in background is composed of 8" alder with bigleaf maple.

Photo 2: Quartz Creek upstream view at road mile 0.9. Cobble deposits are common in the lower zone. Riparian forests are a mix of small hardwood with scattered conifers.

Photo 3: Quartz Creek riparian zone with side channel at road mile 1.4. Example of complex off-channel habitat that is important for fish. Note developed conifer stand on opposite bank.

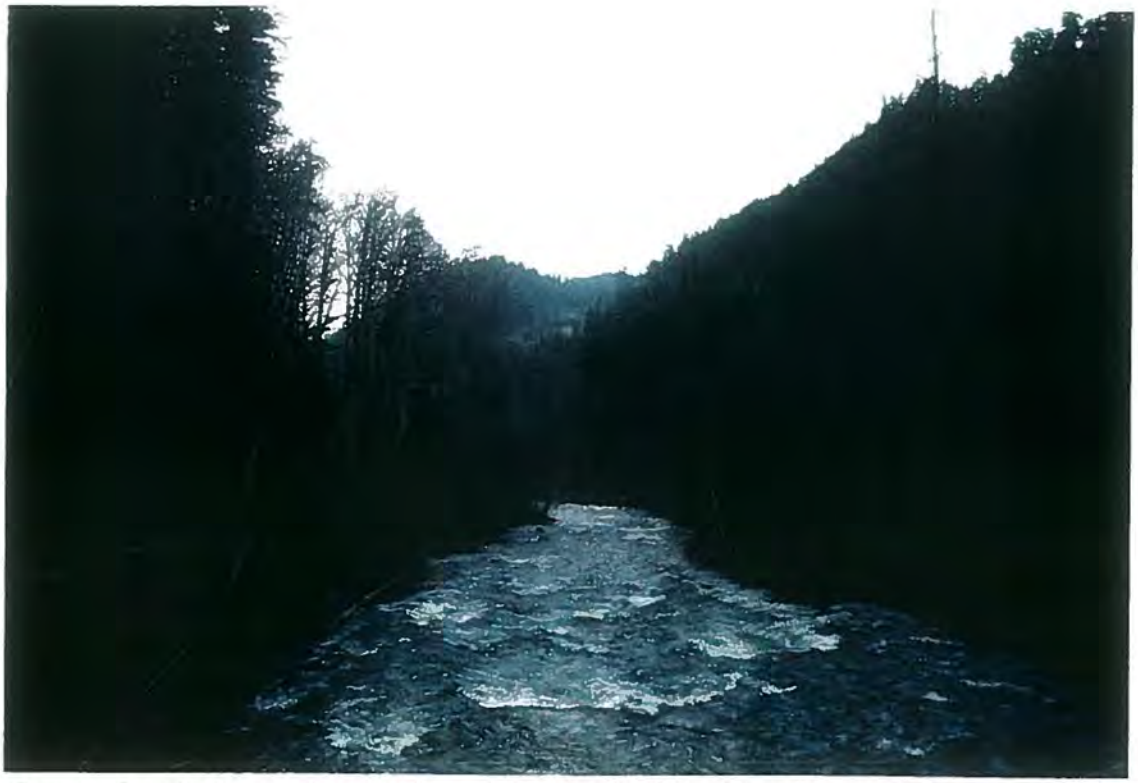


Photo 4: Quartz Creek down stream view at road mile 1.9. Riparian zone is composed of alder and bigleaf maple with conifers on left. The channel is unconstrained and not entrenched. Little wood exists in the channel.

Photo 5: Coffee Creek at road mile 3.3. This is an example of some of the recent torrent scour that occurred with the 1996 flood.

Photo 6: Mouth of Doe Creek at road mile 8.2. showed little evidence of braided channels as was evident in the 1959 aerial photos of this area.

Photo 7: Mouth of Quartz Creek. The bar the analyst is standing on is at least 200 ' long and 30' wide and composed of gravel, cobble, and small boulders.

Photo 8: Mouth of Elk Creek (on right); a downstream view into a side channel complex of the McKenzie River. Substantial amounts of gravel have been deposited over time.

Photo 9: Mouth of Mill Creek. Mill Creek enters the McKenzie from the right and forms a moderate gravel bar.

Photo 10: Mouth of Blue River looking into the McKenzie, downstream. This shot was at high water, but very little deposition of bedload occurs at the mouth of the Blue River.

List of Attached Figures

Figure S1: Peak discharges for Blue River below Tidbits Creek, 1963-1994.

Figure S2: Peak discharges for Gates Creek, 1950-1990.

Figure S3: Peak discharges for Blue River at Blue River, Oregon, 1965-1994.

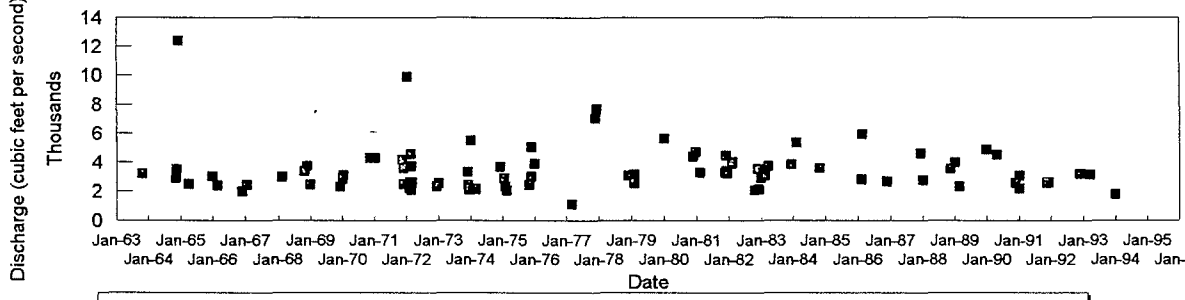


Figure S1: Peak discharges for Blue River below Tidbits Creek, 1963-1994

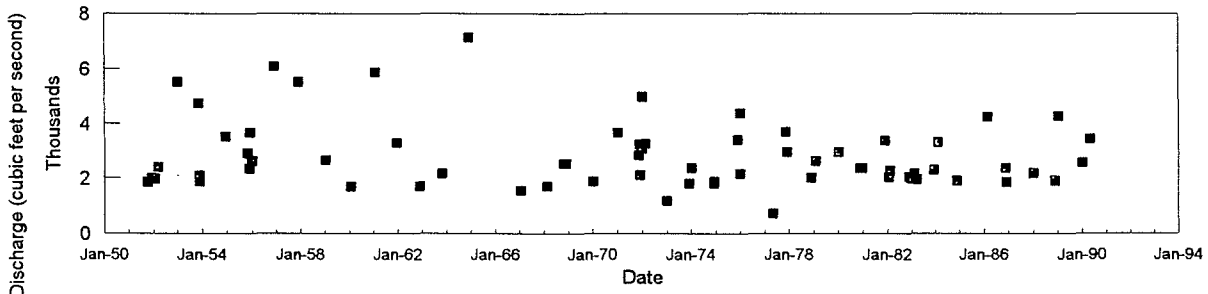


Figure S2: Peak discharges for Gate Creek. 1950-1990

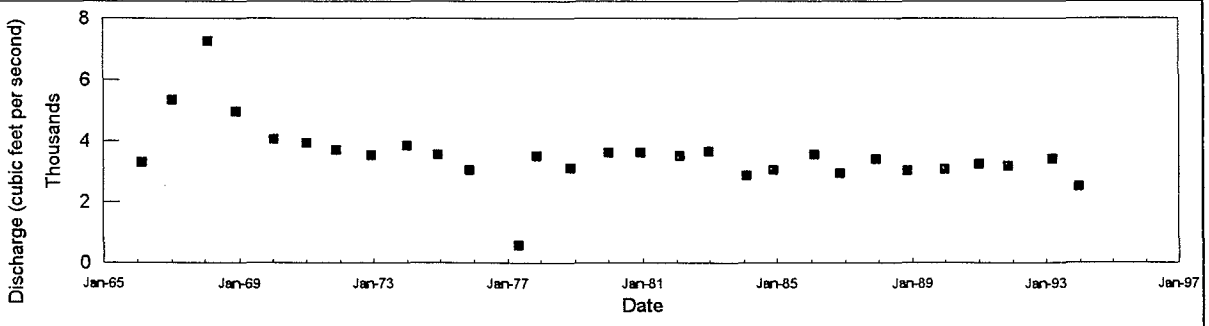


Figure S3: Peak discharges for Blue River at Blue River, Oregon, 1965-1994

Figures S1-S3: Peak discharges from the Blue River and Gates Creek—two streams nearby the analysis area. Gates is similar in size to Quartz Creek; Blue River was dammed below Tidbits Creek in 1965.