

APPENDIX B

LOAD ESTIMATION RESULTS

Table B-1. Gaged TP Load in Pounds.

Location and Year	Percentile of MDF's Baseflow Separation point	Method			
		Monte Carlo	Regression	Ratio Estimator	Schueler's Method
Swift Creek 1996	0.75	5,785.2	5,525.1	8,627.9	
	0.80	5,541.2	5,393.9	8,210.8	
	0.85	5,248.3	5,294.9	7,627.0	
	0.90	4,908.2	5,171.6	6,942.7	
	0.95	4,469.9	5,089.9	5,828.1	
Swift Creek 1997	0.75	4,163.5	2,687.6	4,388.4	
	0.80	3,988.4	2,646.4	4,136.4	
	0.85	3,752.5	2,620.2	3,834.0	
	0.90	3,460.7	2,590.7	3,427.6	
	0.95	3,052.4	2,554.1	2,875.9	
Cub Run 1996	0.75	28,669	30,357	33,927.7	23,464.5
	0.80	27,292	29,971	32,334.2	23,464.5
	0.85	25,573	29,797	30,232.9	23,464.5
	0.90	23,052	29,387	27,390.7	23,464.5
	0.95	19,268	26,794	22,810.0	23,464.5
Cub Run 1997	0.75	14,825.3	16,137.3	19,095.7	15,633.5
	0.80	14,075.9	15,912.4	18,220.3	15,633.5
	0.85	13,259.4	15,701.3	16,934.2	15,633.5
	0.90	12,211.2	15,635.7	15,347.2	15,633.5
	0.95	10,335.4	15,502.4	12,903.0	15,633.5

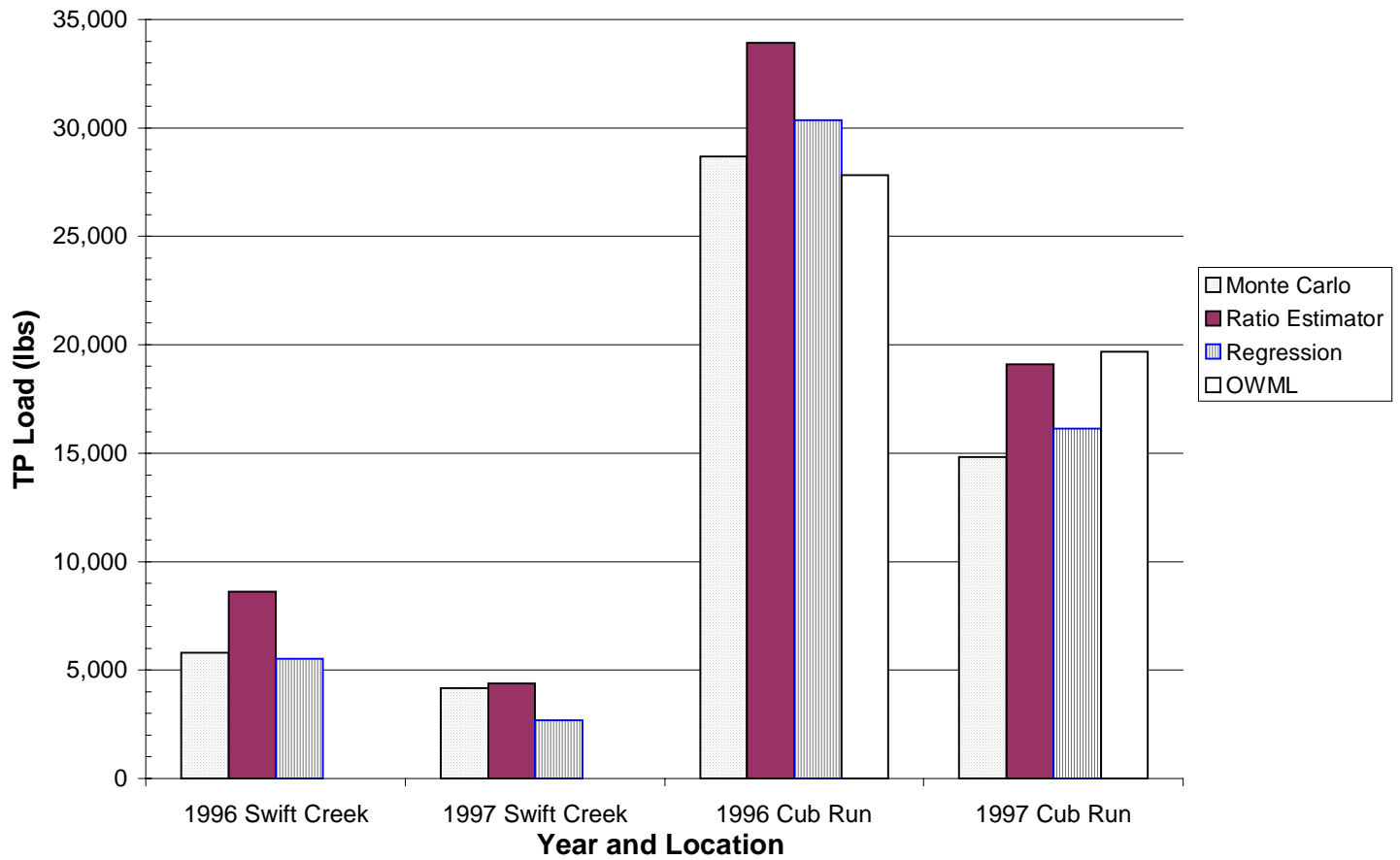


Figure B-1. Gaged Total Phosphorus Estimation Method Comparison using the 75th Percentile as the Base Flow Separation Point.

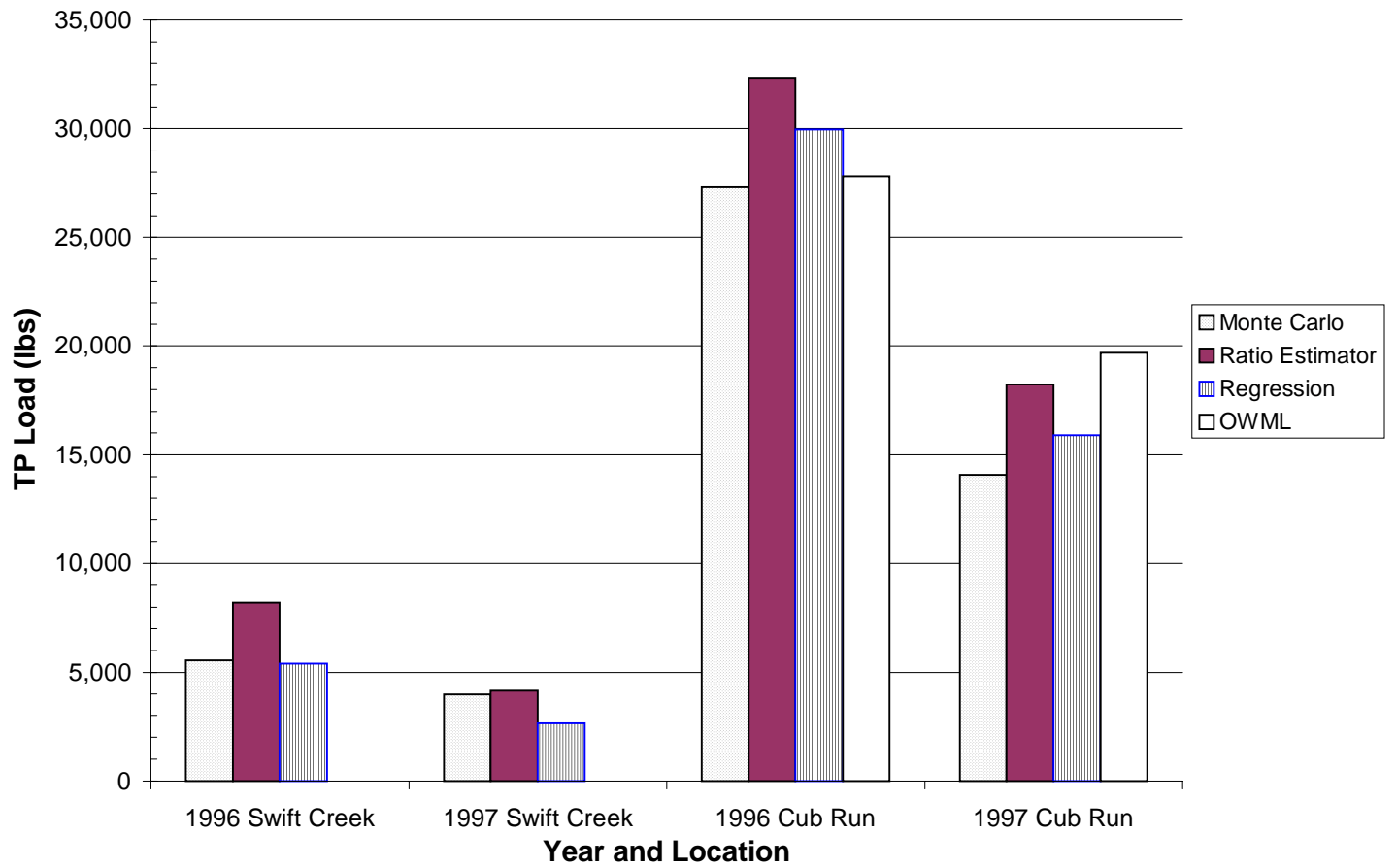


Figure B-2. Gaged Total Phosphorus Estimation Method Comparison using the 80th Percentile as the Base Flow Separation Point.



Figure B-3. Gaged Total Phosphorus Estimation Method Comparison using the 85th Percentile as the Base Flow Separation Point.

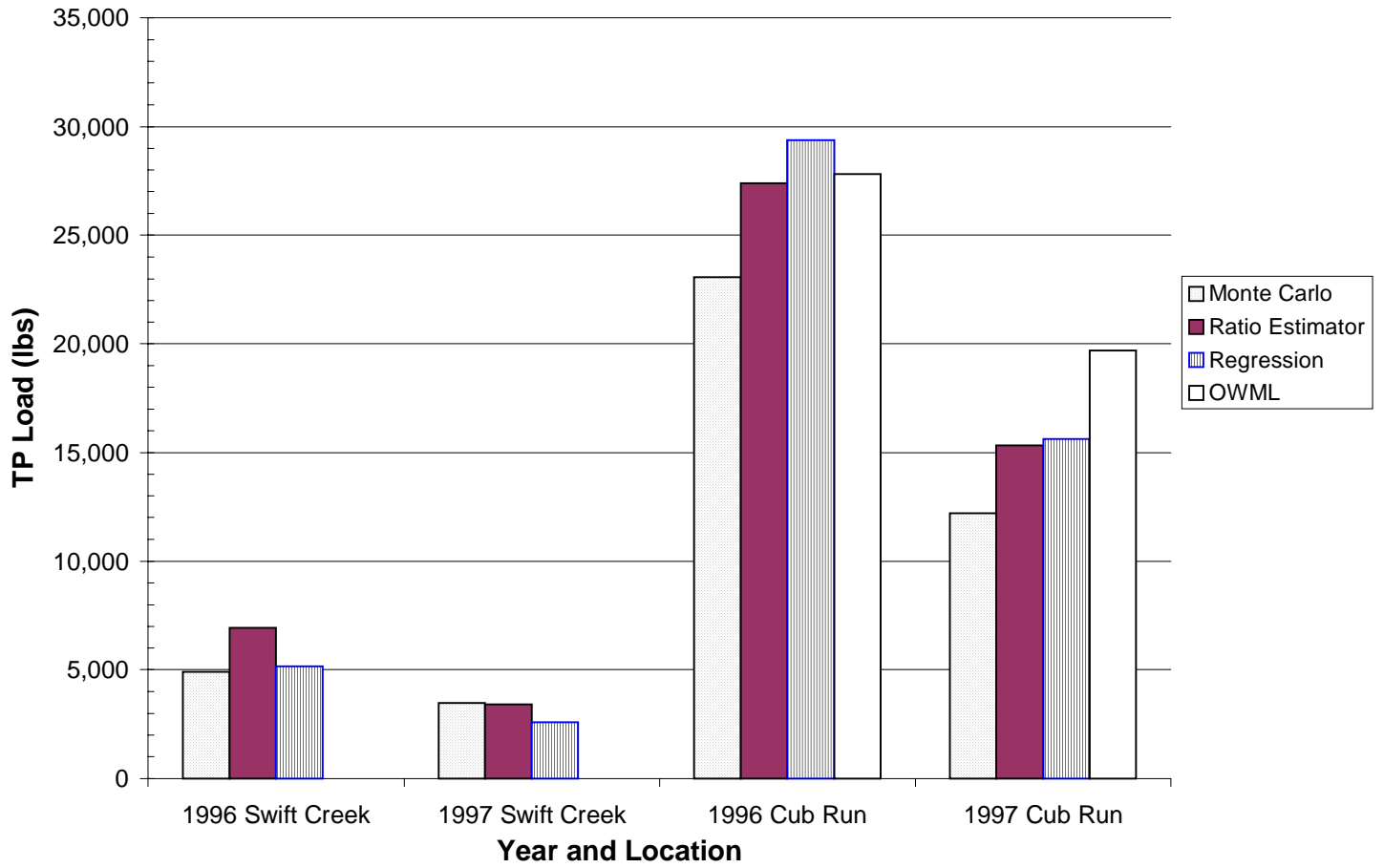


Figure B-4. Gaged Total Phosphorus Estimation Method Comparison using the 90th Percentile as the Base Flow Separation Point.

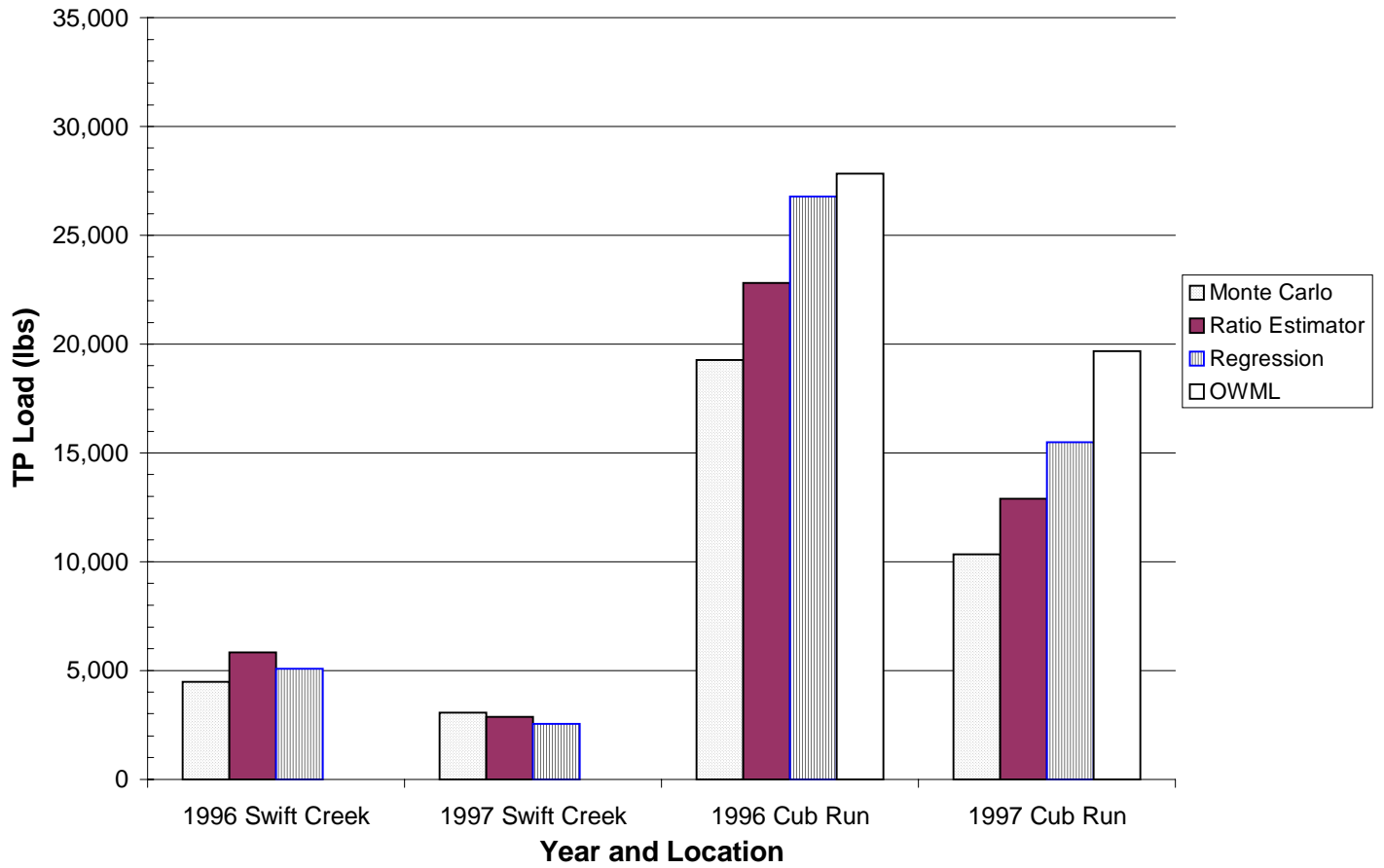


Figure B-5. Gaged Total Phosphorus Estimation Method Comparison using the 95th Percentile as the Base Flow Separation Point.