

Watershed Summary Information

Accounting Unit Name:	Rock
State(s):	IL (WI)
Political Boundaries:	Boone, De Kalb, Winnebago, Mchenry, Ogle, Kane
Major Waterways:	Kishwaukee R Killbuck Cr Kishwaukee R, S Br Beaver Cr Piscasaw R
Number of Stations in Watershed:	Tier1 - 10 Tier2 - 24 Tier3 - .

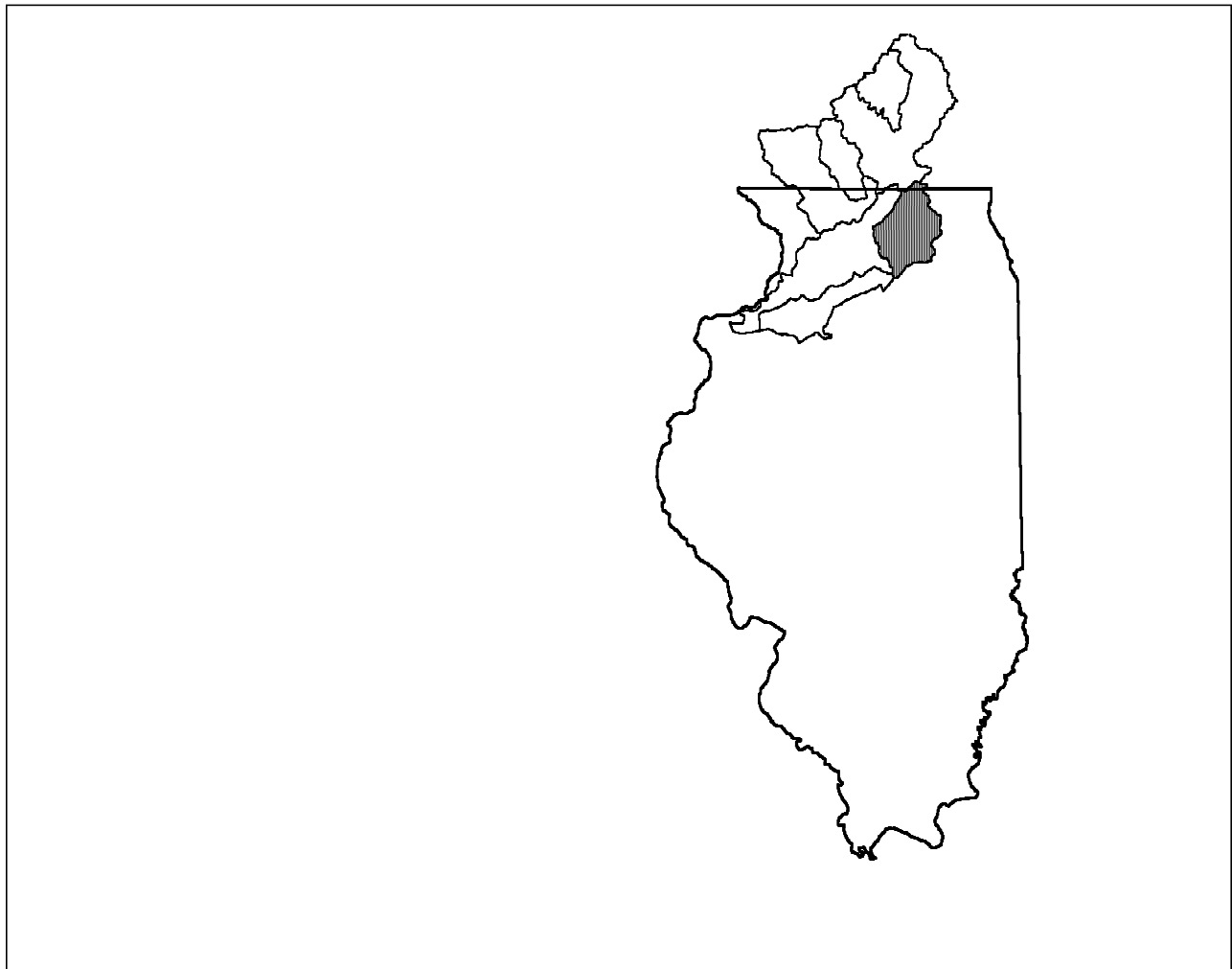


Figure 123. Watershed Location Map

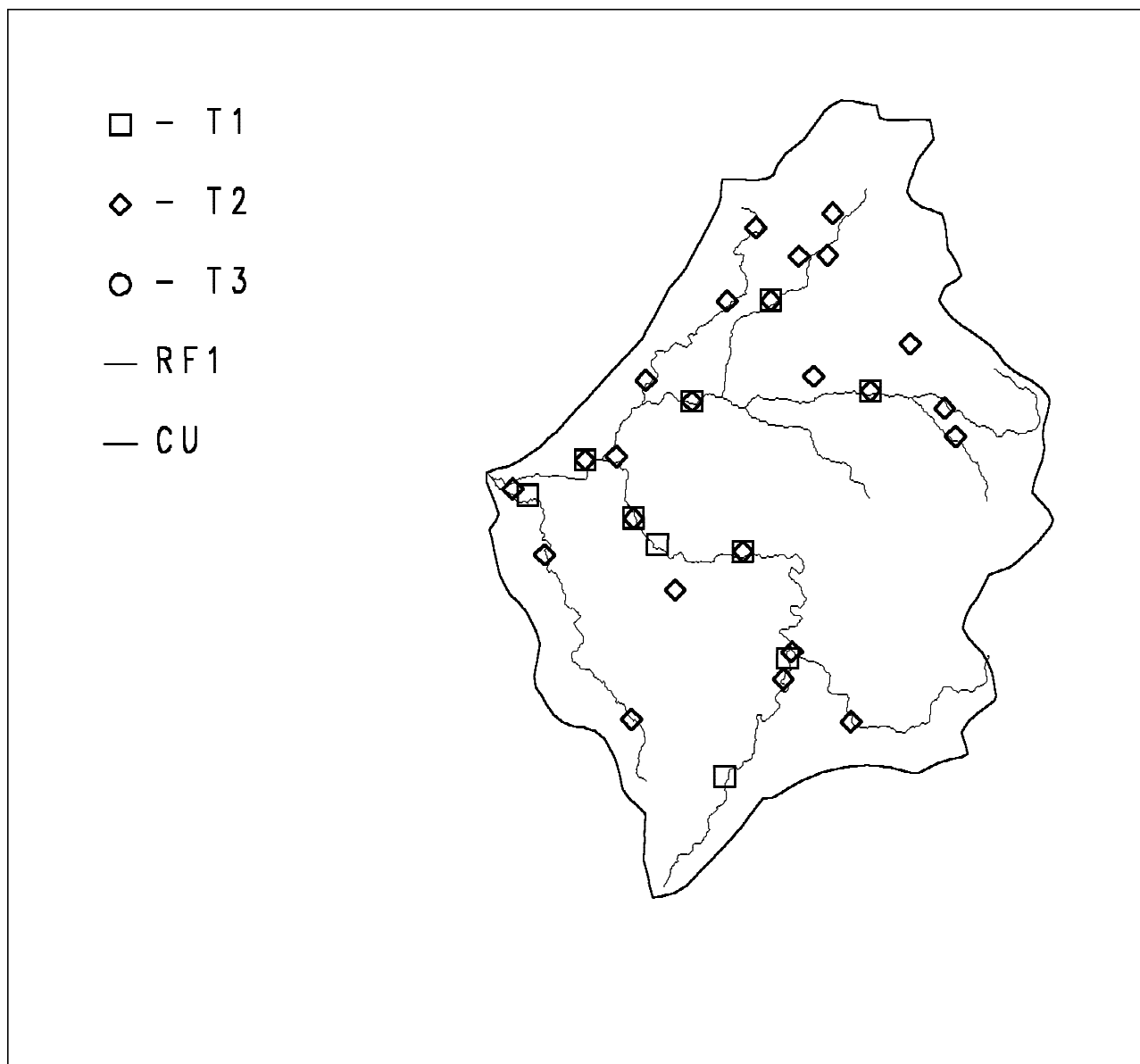


Figure 124. Major Waterways and Location of Sampling Stations

Data Source(s) Used in Evaluation

Source: **STORET** Agency: **21ILFISH**
 Monitoring Program: **USEPA Region 5 Data**
 Num. of Stations: 9 Date Range: 1983-89

Source: **STORET** Agency: **21ILSED**
 Monitoring Program: **Illinois EPA Div of Water Pollution Control Data**
 Num. of Stations: 25 Date Range: 1982-83

Chemicals Responsible for Sampling Station Classification as Tier 1 or Tier 2

Classifying Parameter	Number of Stations							
	All Parameters				Aquatic Life		Human Health	
	Total	T.1&2	Tier1	Tier2	Tier1	Tier2	Tier1	Tier2
Dieldrin	34	34	.	34	.	25	.	34
Polychlorinated biphenyls	34	14	10	4	1	2	9	5
Copper	23	11	.	11	.	11	.	.
Chlordane	34	8	.	8	.	6	.	3
DDT	34	7	.	7	.	4	.	4
Heptachlor epoxide	34	5	.	5	.	.	.	5
Chromium	23	3	.	3	.	3	.	.
Arsenic	23	2	.	2	.	2	.	.
Cadmium	23	2	.	2	.	2	.	.
Lead	23	2	.	2	.	2	.	.
Mercury	23	1	.	1	.	1	.	.
Zinc	23	1	.	1	.	1	.	.

Sediment Chemistry Data: Chemical Summary

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Aldrin	25	0.00	0.00	0	.	.
Arsenic	23	4708.70	4000.00	23	8800.00	2300.00
BHC	75	0.00	0.00	0	.	.
Cadmium	23	173.91	0.00	2	3000.00	1000.00
Chlordane	125	0.53	0.00	21	6.60	2.00
Chromium	23	32000.00	28000.00	23	73000.00	16000.00
Copper	23	24521.74	17000.00	23	140000.0	12000.00
Dieldrin	25	4.74	4.30	25	13.00	1.50
DDT	175	0.32	0.00	15	15.00	1.00
Endrin	25	0.00	0.00	0	.	.
Heptachlor	25	0.00	0.00	0	.	.
Heptachlor epoxide	25	0.00	0.00	0	.	.
Hexachlorobenzene	25	0.00	0.00	0	.	.
Lead	23	21956.52	18000.00	23	76000.00	11000.00
Mercury	23	64.78	50.00	23	260.00	20.00
Methoxychlor	25	0.00	0.00	0	.	.
Polychlorinated biphenyls	25	27.20	0.00	5	600.00	11.00
Zinc	23	88434.78	89000.00	23	160000.0	60000.00

Tissue Residue Data: Chemical Summary

Tissue Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Aldrin	24	0.00	0.00	0	.	.
BHC	42	0.24	0.00	1	10.00	10.00
Chlordane	32	21.00	15.50	18	100.00	10.00
Chlorpyrifos/Dursban	1	18.00	18.00	1	18.00	18.00
Dieldrin	28	102.00	54.00	26	420.00	11.00
DDT	28	176.79	120.00	27	680.00	27.00
Endrin	24	0.00	0.00	0	.	.
Heptachlor	24	0.00	0.00	0	.	.
Heptachlor epoxide	28	9.43	0.00	12	56.00	0.01
Hexachlorobenzene	18	0.00	0.00	0	.	.
Methoxychlor	24	0.00	0.00	0	.	.
Mirex/Dechlorane	14	0.00	0.00	0	.	.
Polychlorinated biphenyls	28	359.64	245.00	20	1700.00	116.00
Toxaphene	14	0.00	0.00	0	.	.