

Appendix A

**Summary of
Historical Channel Maintenance Dredging for Upper
Mississippi and Illinois Waterway Pools
within the Rock Island District**

Table A-1. Historical dredging activities for the period 1940 through 2000 for Pool 11 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #10 Lower	613.7 - 614.9	4	169,937
Swift Slough	612.7 - 613.5	8	496,837
Goetz Island	612.1 - 612.7	3	127,945
St. Louis Woodyard	610.0 - 612.1	18	1,039,123
Turkey River	608.8 - 610.0	32	1,402,403
Turkey River Lower	607.8 - 608.8	7	405,356
Cassville	605.7 - 606.3	7	458,594
Island 195	604.6 - 605.3	2	187,644
Buena Vista Upper	603.8 - 604.6	3	191,427
Buena Vista	602.9 - 603.4	3	184,223
Hurricane Island	598.7 - 599.1	8	217,477
Finley's Landing	595.5 - 596.5	7	263,119
Total		102	5,144,085

Table A-2. Historical dredging activities for the period 1940 through 2000 for Pool 12 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Dubuque	581.3 - 581.6	1	64,033
Catfish Creek	579.2 - 580.1	9	549,123
Catfish Crossing	574.3 - 574.8	1	38,421
Nine Mile Island	572.6 - 572.9	1	43,415
Deadman's Light	568.5 - 568.8	2	128,507
Deadman's Light Lower	566.8 - 568.0	2	239,226
Gordon's Ferry	565.1 - 565.8	5	319,928
Island 241 Light	561.8 - 562.5	6	344,888
Bellevue Slough	560.4 - 561.1	3	120,665
Total		30	1,848,206

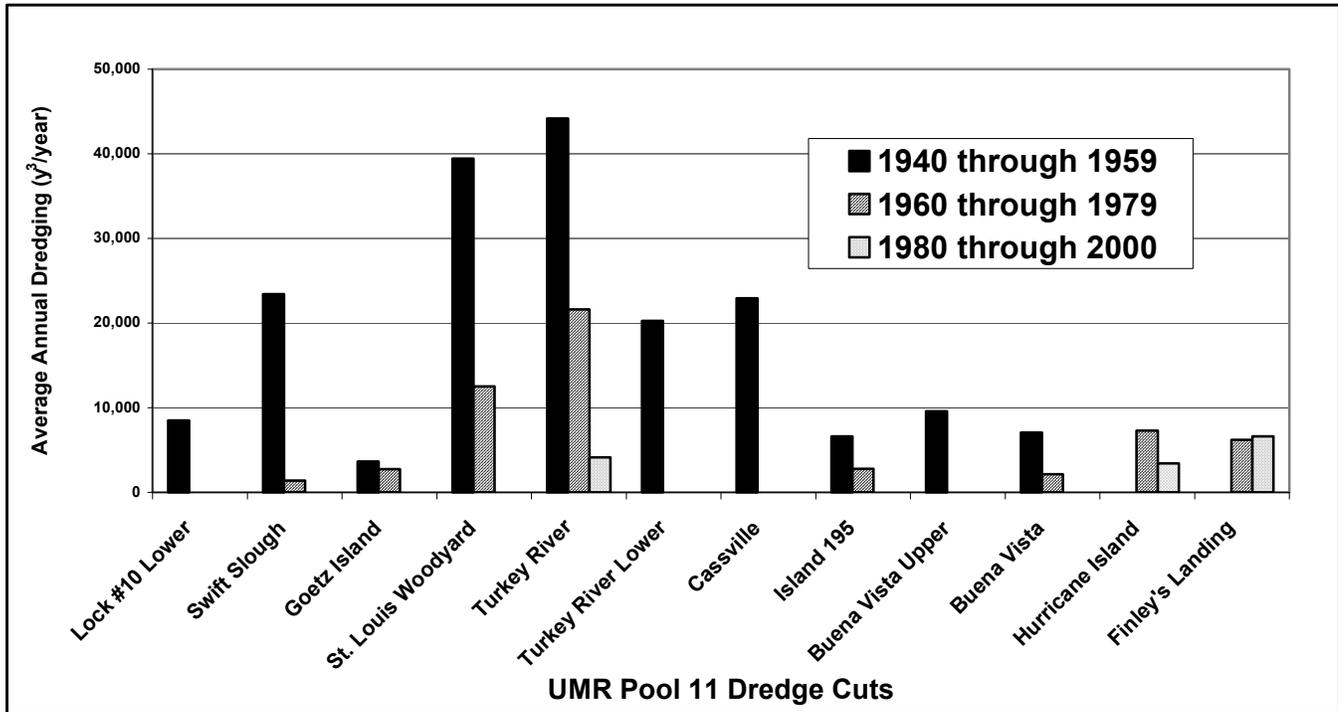


Figure A-1. Summary of annual average dredging volumes removed by the Rock Island District from Pool 11 of the Upper Mississippi River between 1940 and 2000.

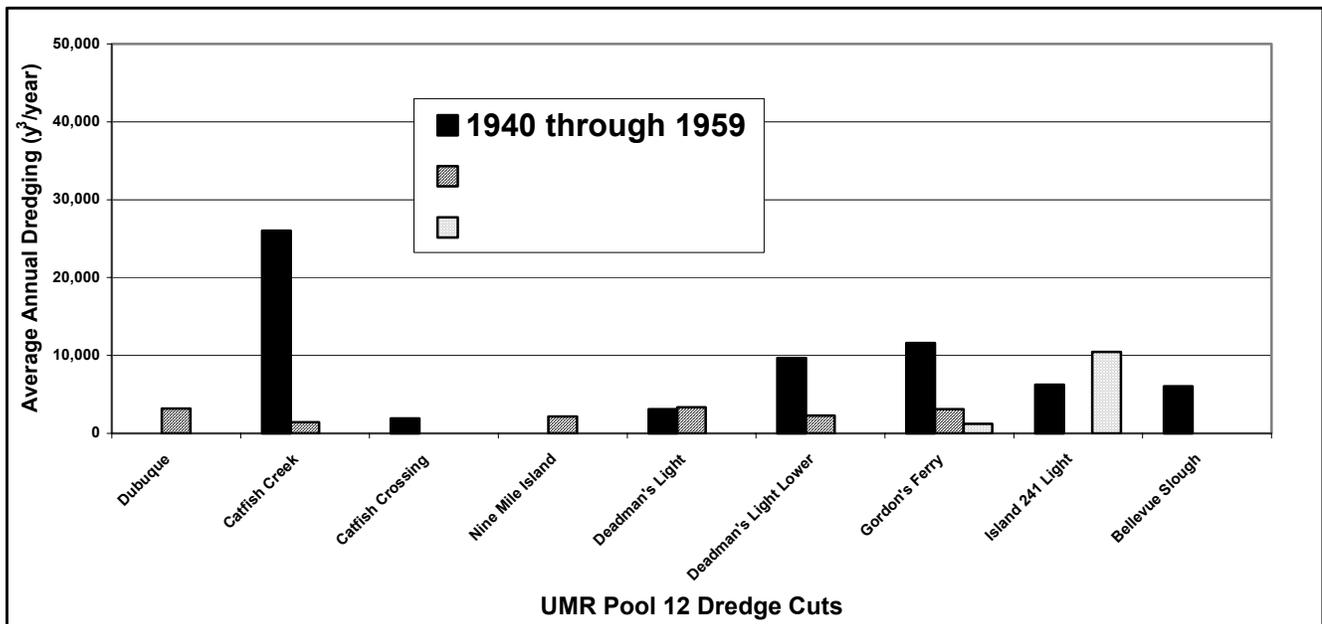


Figure A-2. Summary of annual average dredging volumes removed by the Rock Island District from Pool 12 of the Upper Mississippi River between 1940 and 2000.

Table A-3. Historical dredging activities for the period 1940 through 2000 for Pool 13 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #12 Lower	555.0 - 555.4	4	123,796
Duck Creek	554.1 - 555.0	11	596,759
Pleasant Creek	552.7 - 553.8	3	98,649
Sand Prairie	549.9 - 550.8	7	396,262
Maquoketa River	547.0 - 548.6	15	1,297,786
Apple River Island	546.1 - 547.0	2	56,495
Island 527	544.1 - 545.9	3	221,538
Lainsville Lower	540.5 - 541.0	2	124,130
Savanna Bay	538.8 - 539.6	8	536,205
Sabula Lower	532.5 - 533.9	7	580,452
Dark Slough	531.0 - 531.3	2	97,166
Elk River	528.7 - 529.9	2	409,418
Pomme De Terre	525.1 - 525.6	2	165,184
Total		68	4,703,840

Table A-4. Historical dredging activities for the period 1940 through 2000 for Pool 14 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #13 Lower	521.1 - 522.4	4	111,468
Joyce's Island	518.5 - 519.9	16	1,013,176
Beaver Island	515.8 - 517.6	9	334,043
Beaver Slough	513.0 - 517.6	15	573,808
Albany Lower	513.4 - 514.4	3	197,481
Marais D'osier Slough	509.6 - 510.0	3	195,531
Adams Island Upper	508.4 - 509.1	3	200,629
Wapsipinicon River	505.6 - 506.0	1	50,200
Steamboat Slough	503.3 - 504.0	11	654,746
Le Claire Canal	496.1 - 496.6	1	111,129
Lock #14 Upper	493.7 - 494.8	7	529,384
Total		73	3,971,595

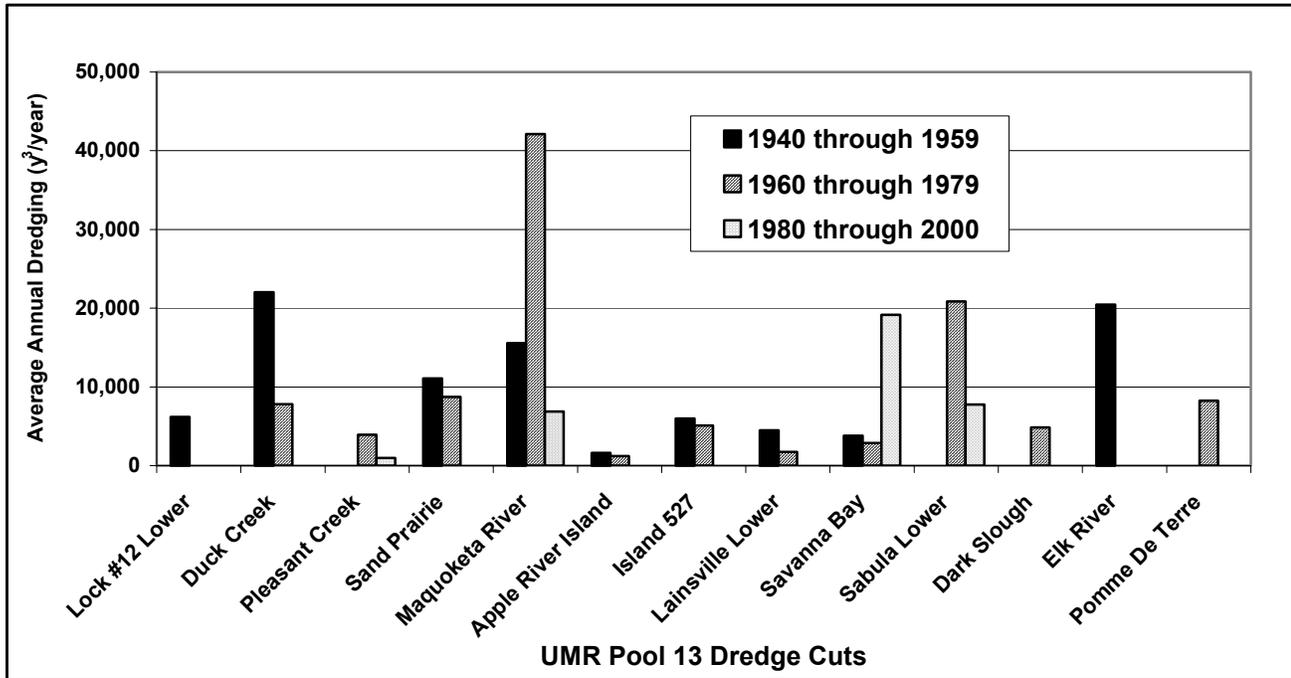


Figure A-3. Summary of annual average dredging volumes removed by the Rock Island District from Pool 13 of the Upper Mississippi River between 1940 and 2000.

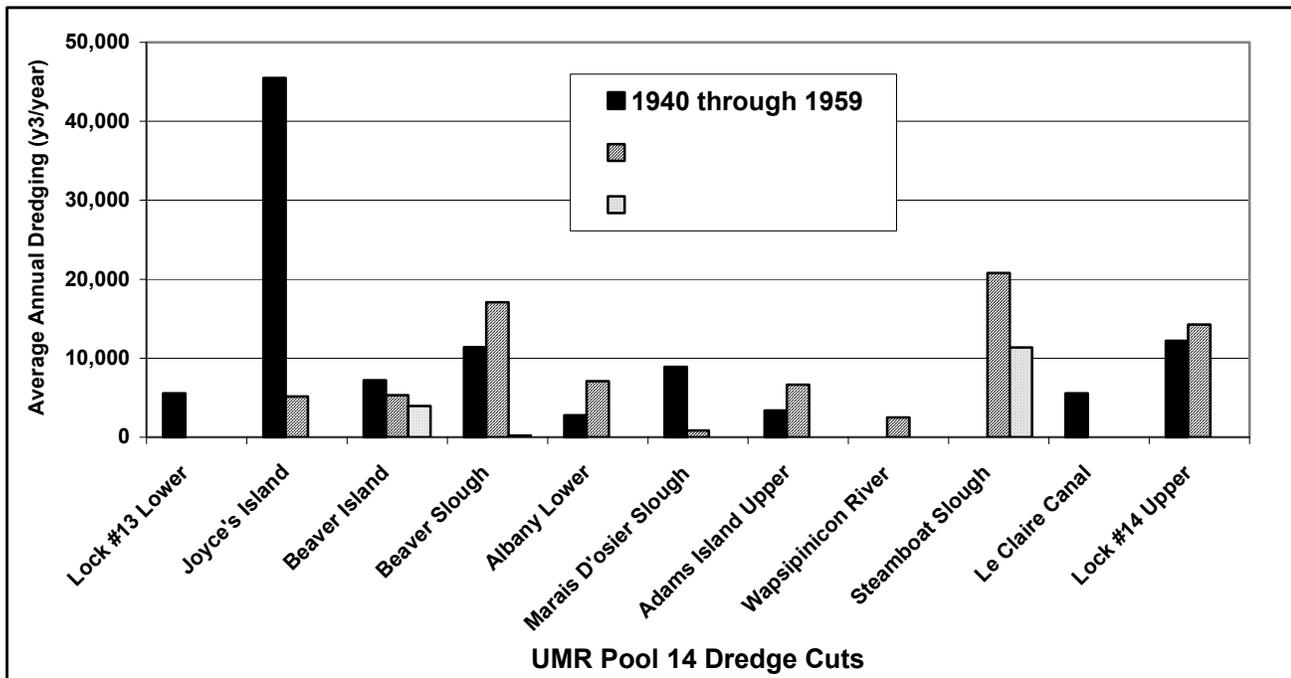


Figure A-4. Summary of annual average dredging volumes removed by the Rock Island District from Pool 14 of the Upper Mississippi River between 1940 and 2000.

Table A-5. Historical dredging activities for the period 1940 through 2000 for Pool 15 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #14 Lower	492.0 - 492.2	2	26,982
Campbell's Island	490.7 - 491.6	7	247,218
Winnebago Island	489.2 - 490.5	9	161,537
Lock #15 Upper	483.2 - 483.3	2	53,832
Total		20	489,569

Table A-6. Historical dredging activities for the period 1940 through 2000 for Pool 16 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #15 Lower	482.2 - 482.9	20	495,386
Centennial Bridge	481.2 - 482.2	13	269,611
Offerman Island	478.9 - 479.1	2	28,020
Buffalo	472.0 - 473.2	13	642,046
Montpelier	469.1 - 469.7	2	176,234
Fairport	463.7 - 464.5	1	93,019
Hershey Chute	460.7 - 461.7	9	442,904
Hershey Chute Lower	457.6 - 458.8	1	30,956
Total		61	2,178,176

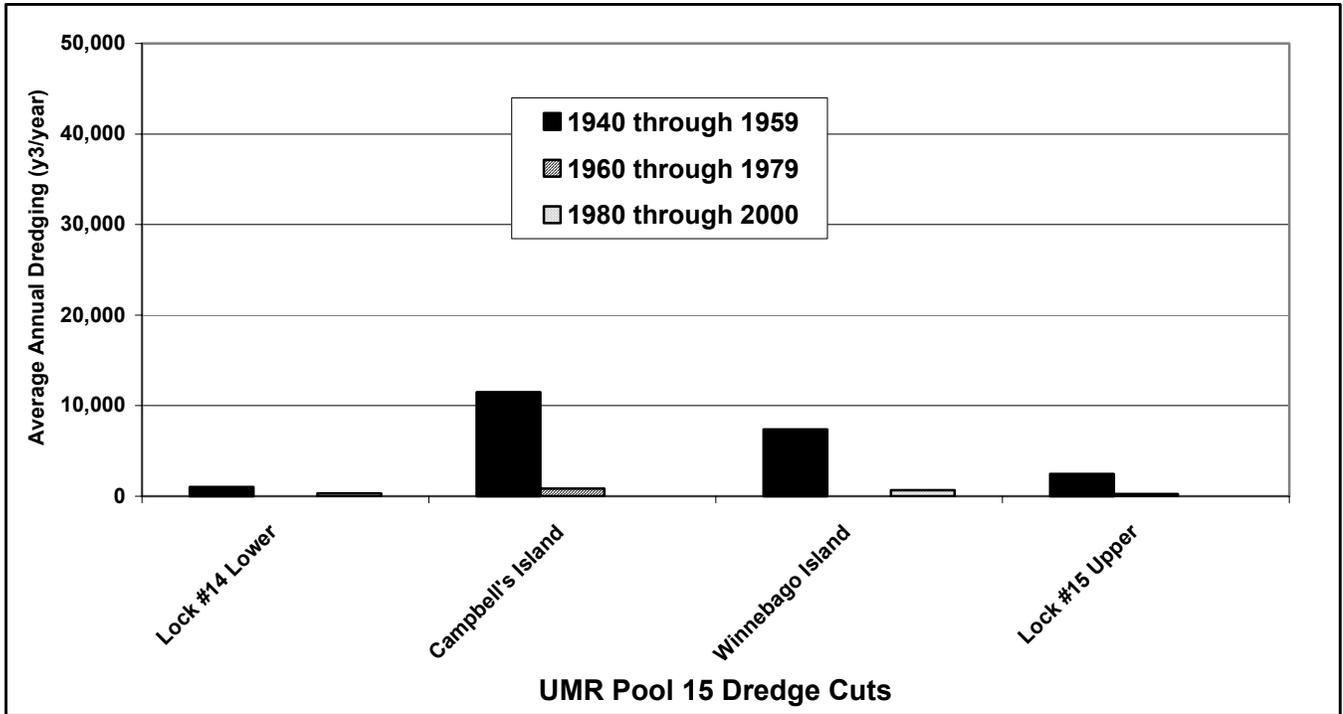


Figure A-5. Summary of annual average dredging volumes removed by the Rock Island District from Pool 15 of the Upper Mississippi River between 1940 and 2000.

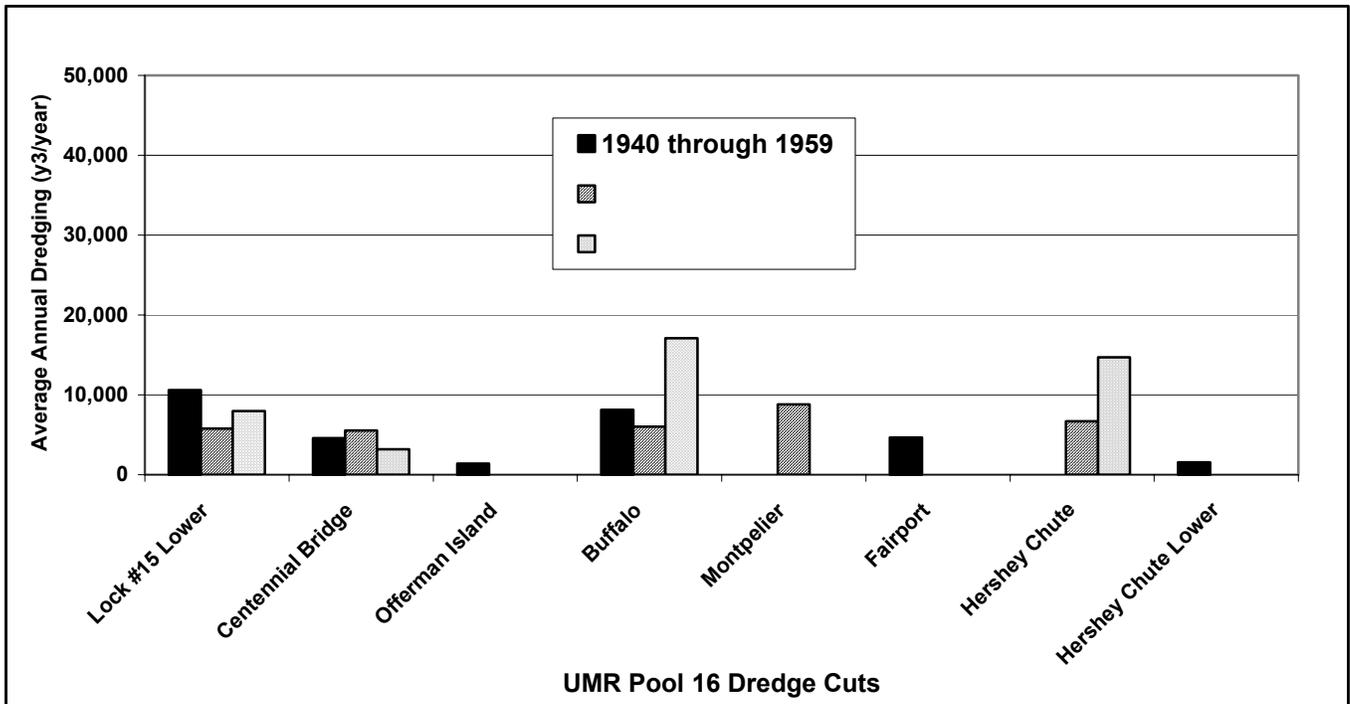


Figure A-6. Summary of annual average dredging volumes removed by the Rock Island District from Pool 16 of the Upper Mississippi River between 1940 and 2000.

Table A-7. Historical dredging activities for the period 1940 through 2000 for Pool 17 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock # 16 Lower	456.2 - 457.0	2	154,359
Muscatine Island	452.9 - 454.5	8	642,274
Muscatine Prairie	451.5 - 451.8	1	46,102
Bass Island	447.2 - 448.2	21	1,383,010
Barkis Island	446.1 - 446.2	1	10,000
Lake Odessa	441.1	1	40,425
Lock #17 Upper	437.7 - 438.7	1	193,352
Total		35	2,469,522

Table A-8. Historical dredging activities for the period 1940 through 2000 for Pool 18 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #17 Lower	436.7 - 437.0	2	46,587
Keg Island	435.2 - 436.2	9	797,056
New Boston Upper	432.9 - 434.2	14	625,026
Edwards River	431.0 - 432.0	15	488,317
Keithsburg	428.3 - 429.0	1	9,162
Keithsburg Upper	426.8 - 427.5	18	1,114,133
Keithsburg Lower	425.1 - 426.7	37	1,641,544
Huron Island	423.5 - 424.7	8	431,275
Johnson Island	420.5 - 421.9	4	271,105
Benton Island	418.5 - 420.5	20	1,146,351
Oquawka	414.7 - 415.2	2	111,470
Lock #18 Upper	411.0 - 412.4	5	360,593
Total		135	7,042,619

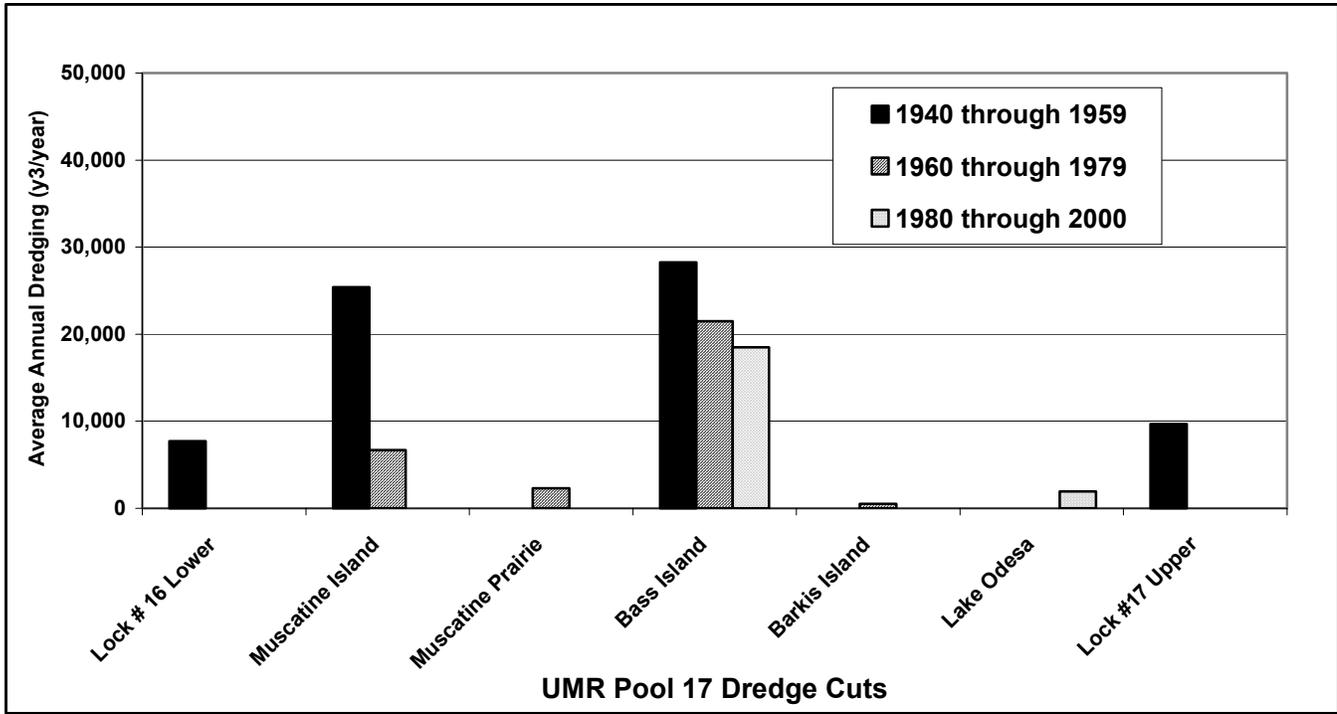


Figure A-7. Summary of annual average dredging volumes removed by the Rock Island District from Pool 17 of the Upper Mississippi River between 1940 and 2000.

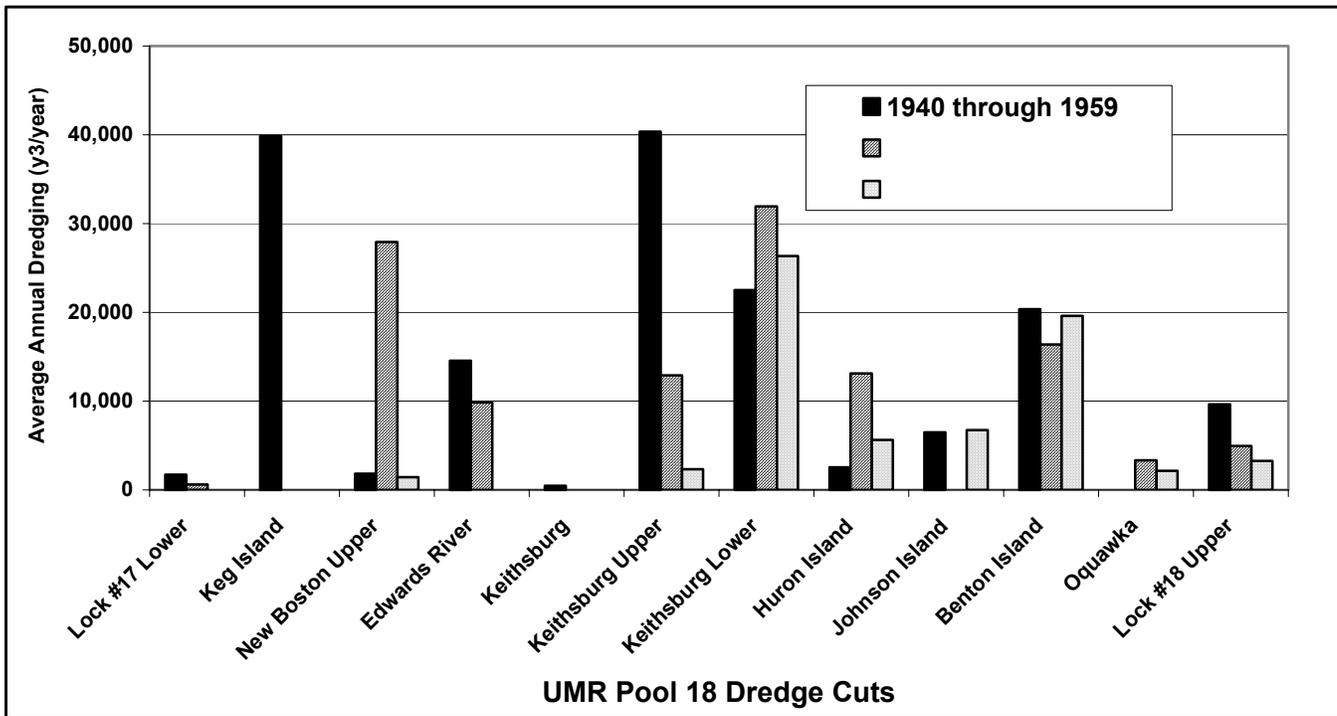


Figure A-8. Summary of annual average dredging volumes removed by the Rock Island District from Pool 18 of the Upper Mississippi River between 1940 and 2000.

Table A-9. Historical dredging activities for the period 1940 through 2000 for Pool 19 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #18 Lower	408.5 - 410.3	4	147,747
Drew Chute	407.0 - 408.5	19	1,490,244
Rush Island	405.9 - 407.0	19	1,946,555
Rush Island Lower	404.8 - 405.9	8	529,759
Burlington Bridge	404.3 - 404.6	2	90,710
Burlington Bluff	401.1 - 401.6	3	162,962
Craigel Island	399.1 - 400.5	22	1,091,535
Kemp's Landing	397.9 - 399.1	13	484,386
Kemp's Landing Lower	397.0 - 397.5	3	121,557
Shokokon Slough	394.2 - 395.0	6	620,504
Dallas City	390.2 - 391.0	1	182,708
Lock #19 Upper	364.2 - 364.5	2	104,565
Total		102	6,973,232

Table A-10. Historical dredging activities for the period 1940 through 2000 for Pool 20 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #19 Lower	361.2 - 363.9	5	120,101
Fox Island Upper	358.3 - 358.8	2	127,835
Fox Island Towhead	356.4 - 357.6	4	555,946
Fox Island	354.4 - 356.0	17	1,977,411
Fox River	352.6 - 353.4	8	551,722
Gregory Lower	351.1 - 352.0	7	328,618
Buzzard Island	348.5 - 349.6	22	1,620,620
Brownsville Island	345.1 - 345.4	1	47,398
Lock #20 Upper	343.2 - 344.3	6	440,268
Total		71	5,769,919

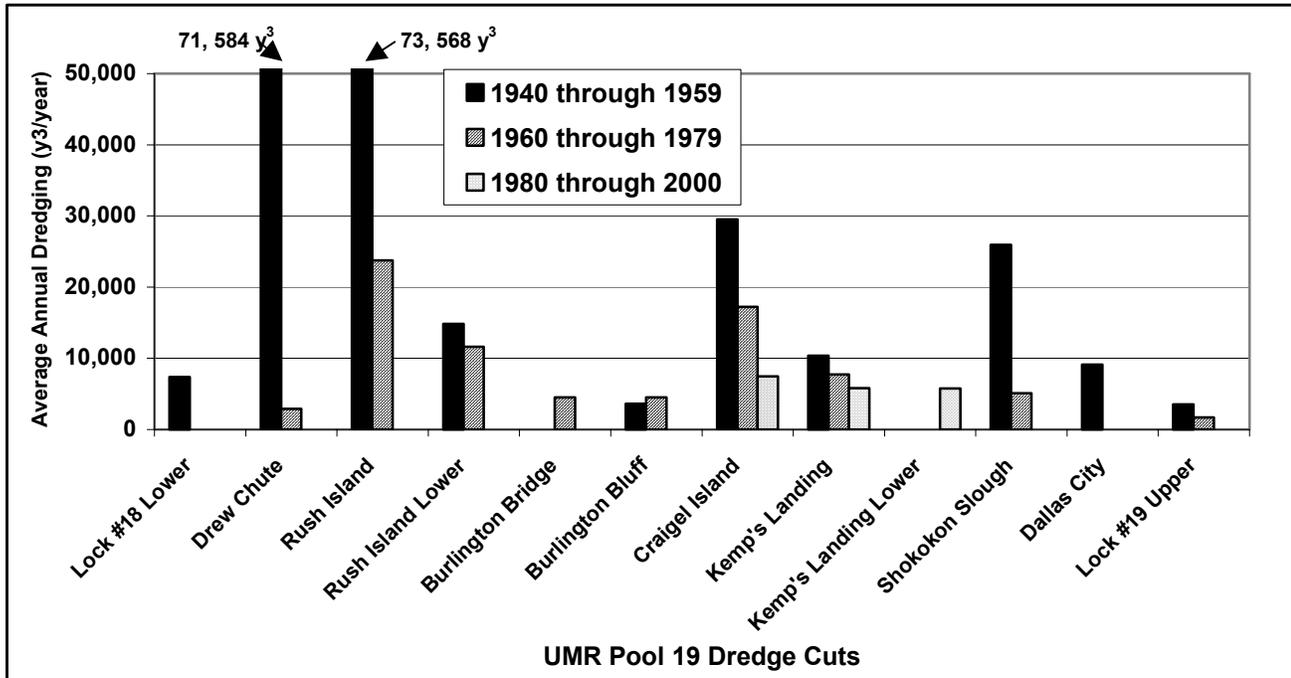


Figure A-9. Summary of annual average dredging volumes removed by the Rock Island District from Pool 19 of the Upper Mississippi River between 1940 and 2000.

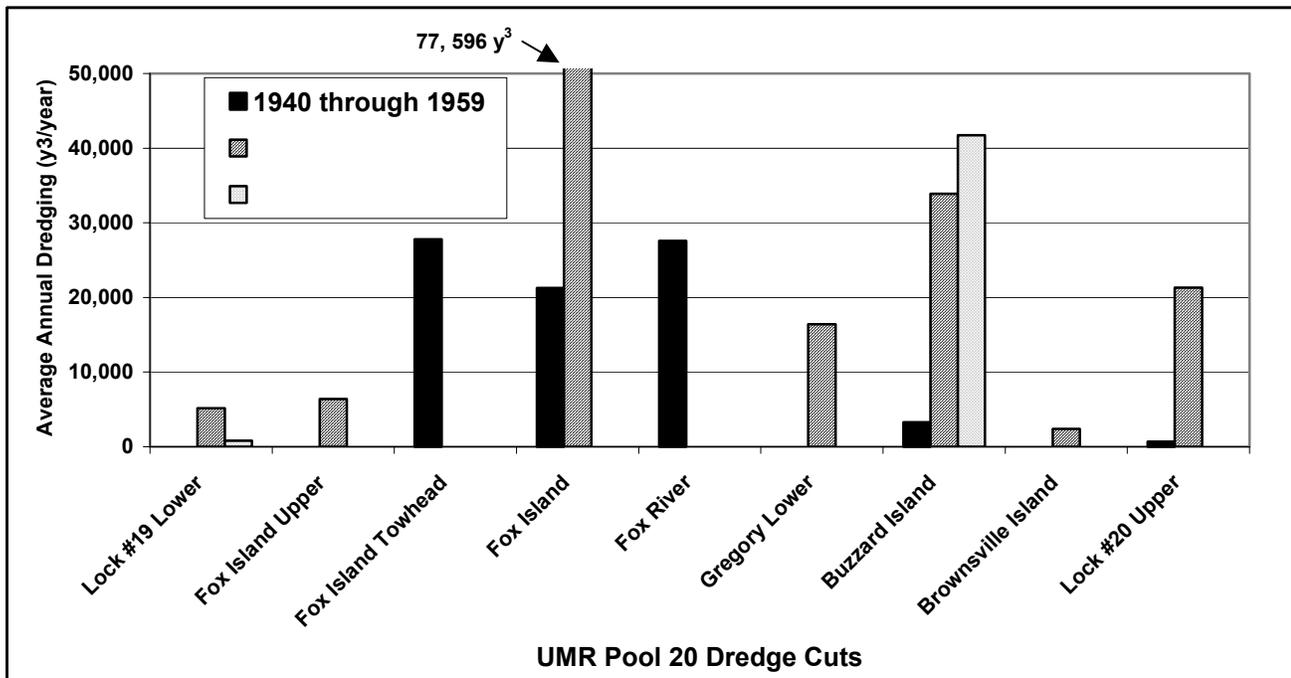


Figure A-10. Summary of annual average dredging volumes removed by the Rock Island District from Pool 20 of the Upper Mississippi River between 1940 and 2000.

Table A-11. Historical dredging activities for the period 1940 through 2000 for Pool 21 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #20 Lower	342.2 - 343.2	15	561,261
Canton	341.4 - 341.9	1	44,189
Howard's Crossing	336.9 - 339.5	23	1,490,215
LaGrange	335.9 - 336.9	34	1,456,722
Willow Island	332.5 - 333.9	15	848,823
Hogback/Lone Tree	330.9 - 332.6	35	1,948,181
Bay Island	328.0 - 329.2	5	792,845
Quincy Bridge	326.5 - 327.9	9	623,881
Total		137	7,766,117

Table A-12. Historical dredging activities for the period 1940 through 2000 for Pool 22 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #21 Lower	323.3 - 324.7	14	791,070
NE Missouri Power	319.7 - 321.2	30	2,329,522
Beebe Island Upper	317.2 - 319.3	7	476,976
Beebe Island	316.0 - 316.9	13	1,197,335
Whitney Light	312.8 - 314.9	32	1,659,039
Turtle Island	311.5 - 312.1	10	559,659
Hannibal	308.7 - 308.8	1	20,640
Cave Hollow Light	306.0 - 306.5	2	90,477
Wing Dam #17	304	1	39,445
Lock #22 Upper	301.5 - 303.4	13	943,549
Total		123	8,107,712

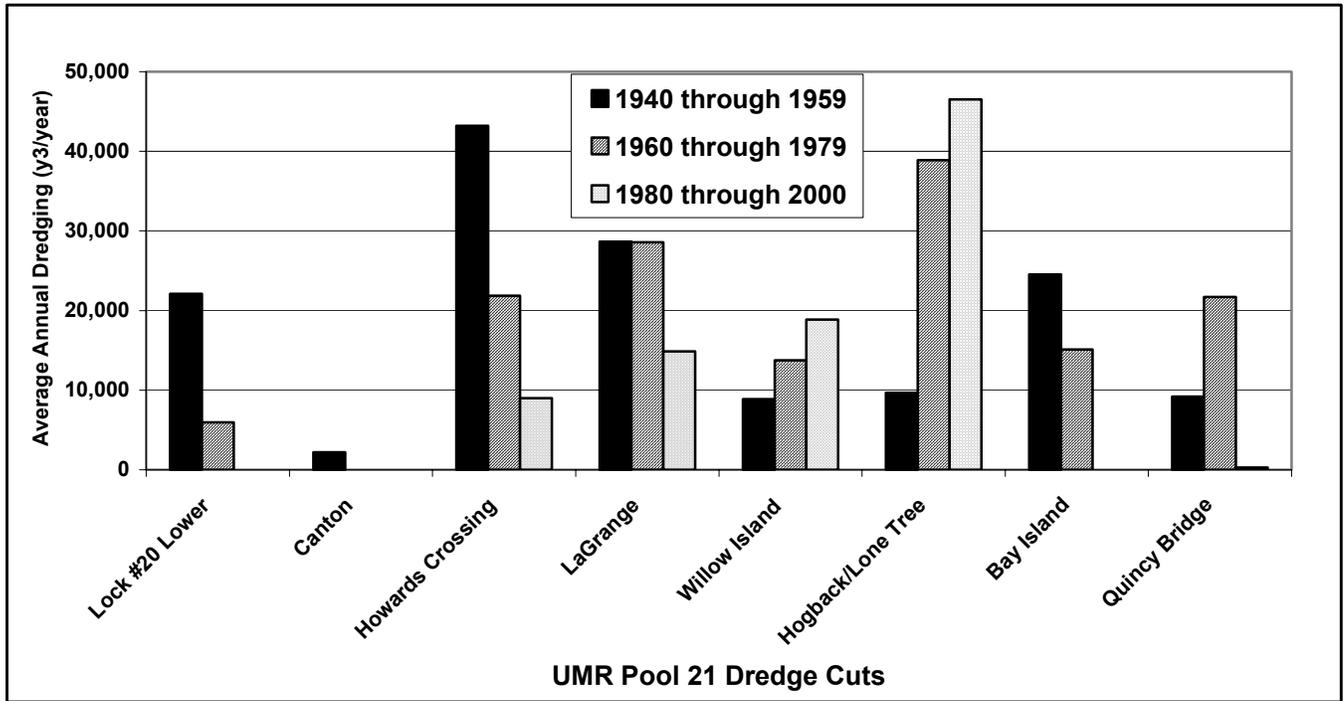


Figure A-11. Summary of annual average dredging volumes removed by the Rock Island District from Pool 21 of the Upper Mississippi River between 1940 and 2000.

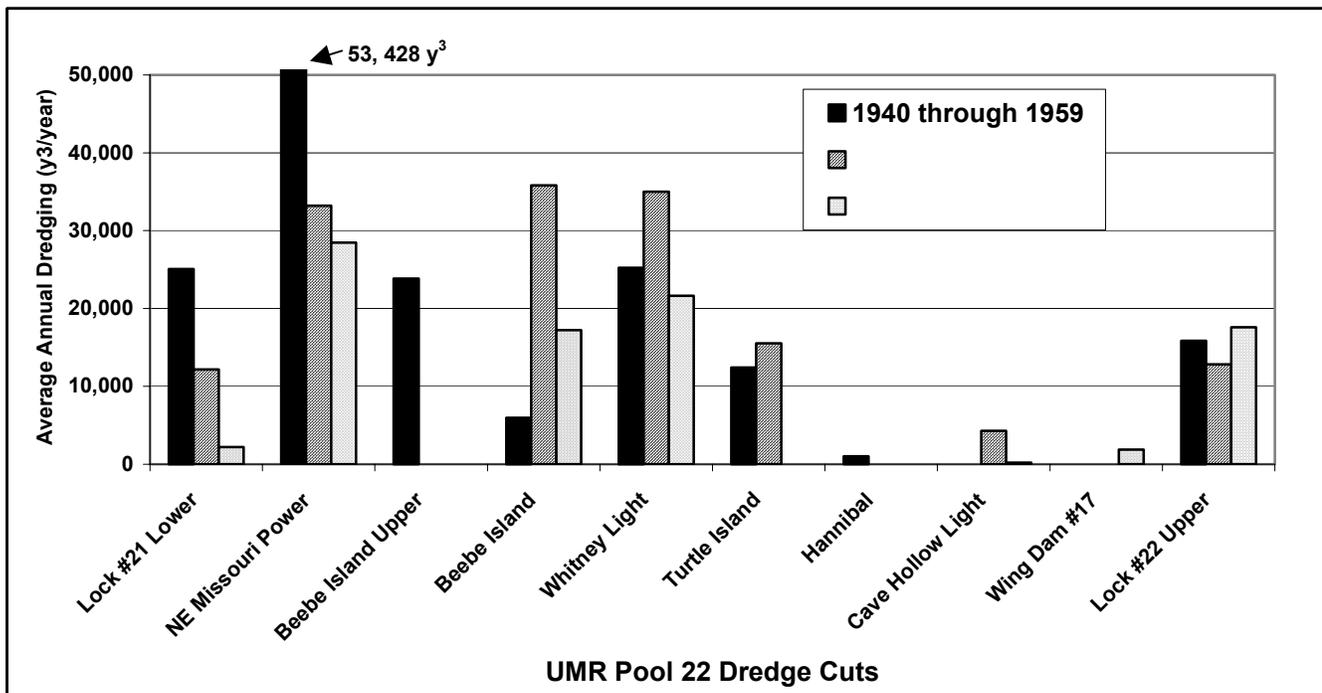


Figure A-12. Summary of annual average dredging volumes removed by the Rock Island District from Pool 22 of the Upper Mississippi River between 1940 and 2000.

Table A-13. Historical dredging activities for the period 1940 through 2000 for Pool 24 of the Upper Mississippi River.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Lock #22 Lower	300.3 - 300.9	21	963,374

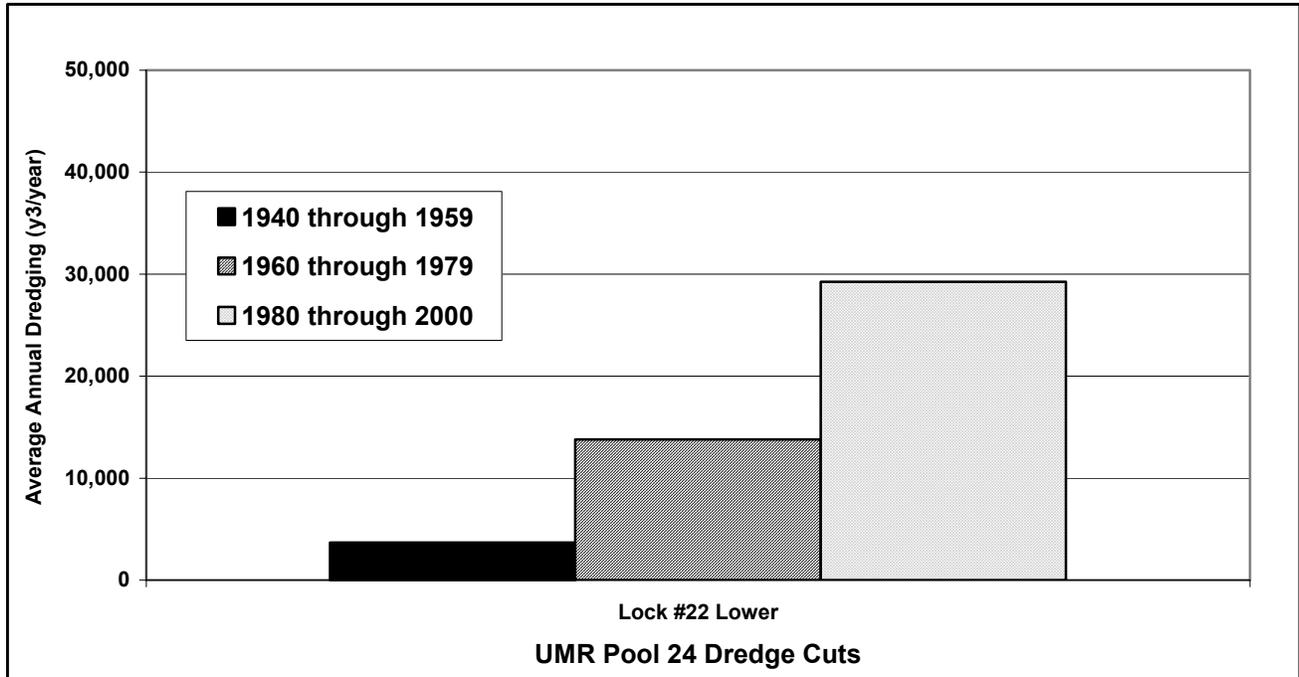


Figure A-13. Summary of annual average dredging volumes removed by the Rock Island District from Pool 24 of the Upper Mississippi River between 1940 and 2000.

Table A-14. Available historical dredging records for the period 1940 through 2000 within the Dresden Island Pool of the Illinois Waterway. Records for Dresden Pool are estimated for 1940 through 1980.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Above Dresden Island Lock	271.5-272.0	17	120,213
Bonnel Bend	273.7-274.3	10	161,448
Grant Creek Cut off	274.4-274.9	4	24,900
Treats Island	278.8-279.5	13	18,383
Hunting Lodge Bend	281.1-281.6	10	23,900
Below Brandon Road Lock	285.2-285.8	12	23,781
Total		66	372,625

Table A-15. Available historical dredging records for the period 1940 through 2000 within the Marseilles Pool of the Illinois Waterway. Records for Marseilles Pool are estimated for 1940 through 1980.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Marseilles Canal	244.7-247.0	34	101,094
Johnson Island			
Kickapoo Creek	249.7-250.0	1	900
Spring Brook Light	251.4-251.5	3	2,850
Seneca	253.3-253.6	14	49,650
Barry Island	256	1	400
Grist Island	258.6-259.3	15	124,584
Sugar Island	260.0-261.0	3	12,650
Hatcher Light			
Peacock Slough	261.5-265.0	2	850
Hutchins Island	267.0, 268.0	2	1,600
Below Dresden Island Lock	270.8-271.4	22	134,026
Total		97	428,604

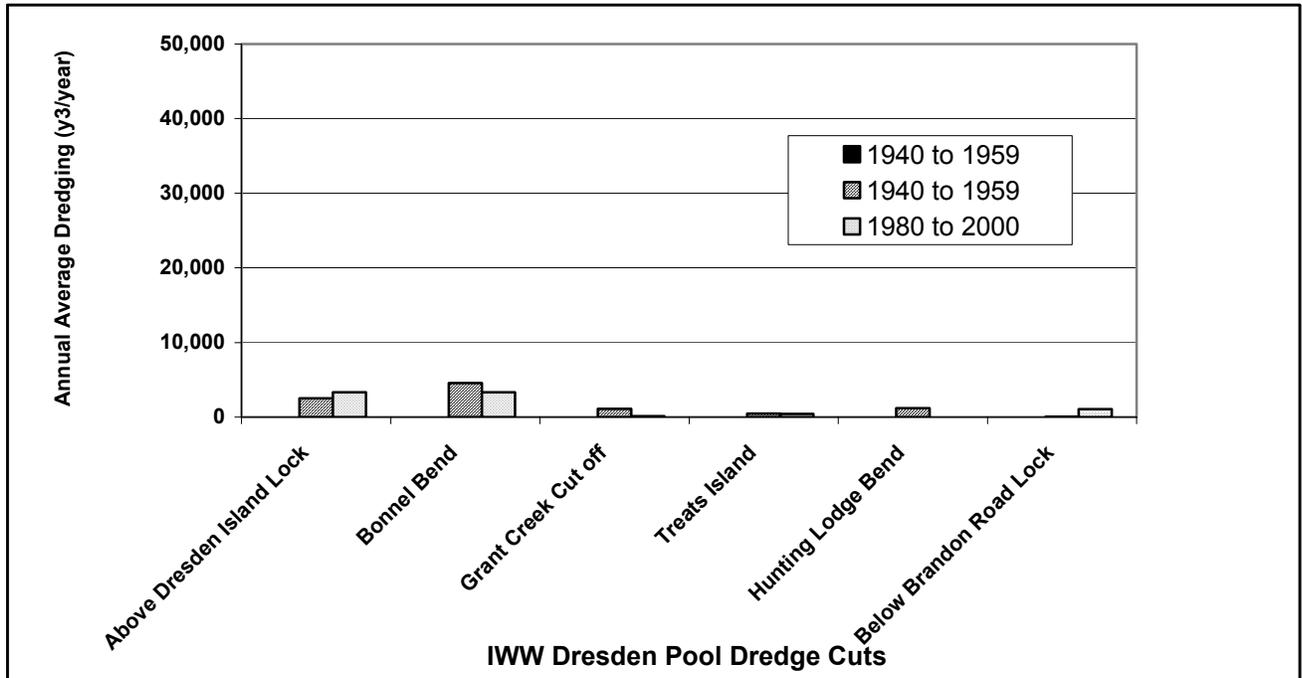


Figure A-14. Summary of annual average dredging volumes removed by the Rock Island District from Dresden Island Pool of the Illinois Waterway between 1940 and 2000. Dredging records are estimated prior to 1980.

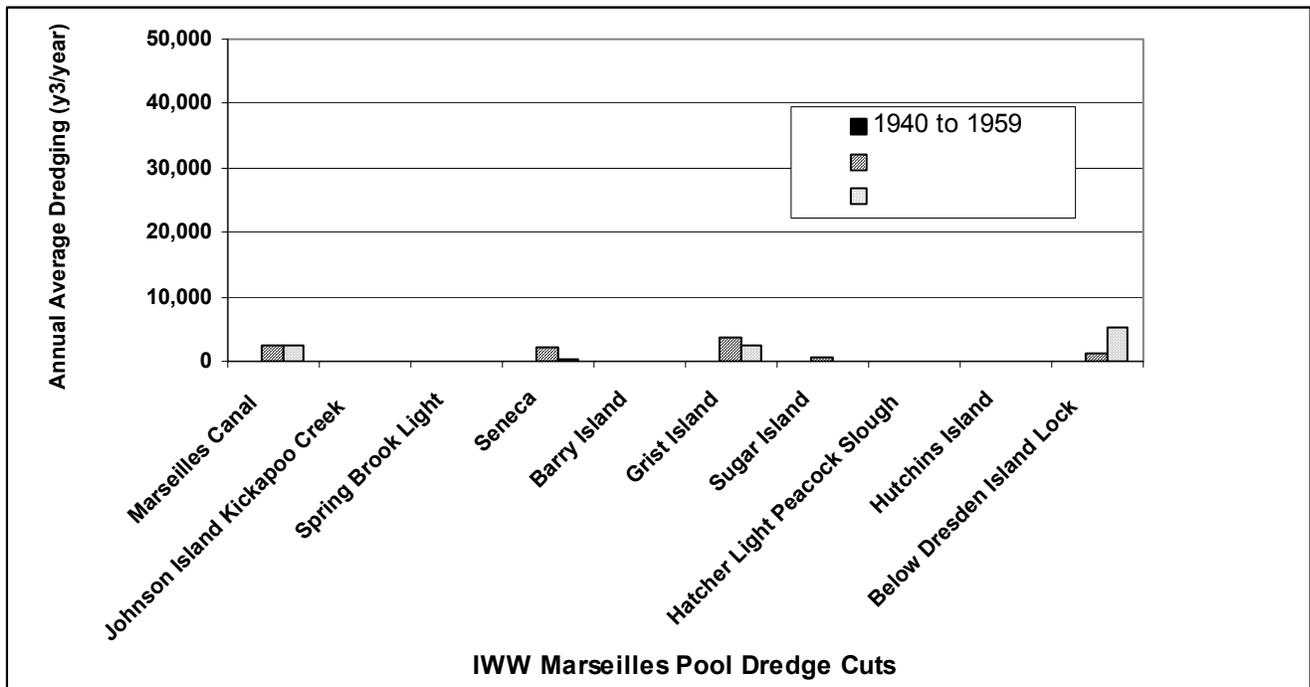


Figure A-15. Summary of annual average dredging volumes removed by the Rock Island District from Marseilles Pool of the Illinois Waterway between 1940 and 2000. Dredging records are estimated prior to 1980.

Table A-16. Available historical dredging records for the period 1940 through 2000 within the Starved Rock Pool of the Illinois Waterway. Records for Starved Rock Pool are estimated for 1940 through 1980.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Above Starved Rock			
Lock	231.2-231.5	25	94,742
Bulls Island	240.5-241.5	20	207,974
Miliden Creek	242.2-242.8	1	325
Below Marseilles			
Lock	244.0-244.5	15	37,446
Total		61	340,487

Table A-17. Available historical dredging records for the period 1940 through 2000 within the Peoria Pool of the Illinois Waterway.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Above Peoria Lock	157.9-158.1	4	60,936
Kickapoo Creek	159.0-160.0	7	1,003,212
Peoria Bridges/Farm Creek	161.0-163.0	11	327,884
Ten mile Creek	166.0-168.4	3	260,121
Blue Creek/ Rome Light	173.0-178.0	5	1,065,550
Senachwine Creek	180.8-181.8	6	201,259
Henry	193.3-196.3	4	82,490
Illinois Power	212.0-213.7	1	94,739
Clark Island	214.5-215.7	7	114,163
Spring Valley	215.9-218.4	9	288,466
Spring Creek/Huse Slough	218.5-221.1	11	609,847
Peru Bend	223.3-224.2	3	103,364
LaSalle Bend	225.4-225.7	1	8637
Vermillion River	226.2-226.9	3	602619
Deer Park Light	227.7-228.5	3	61,719
Historic Cut	228.8-229.4	1	77,631
Below Starved Rock Lock	230.2-230.8	40	215,818
Total		119	5,178,455

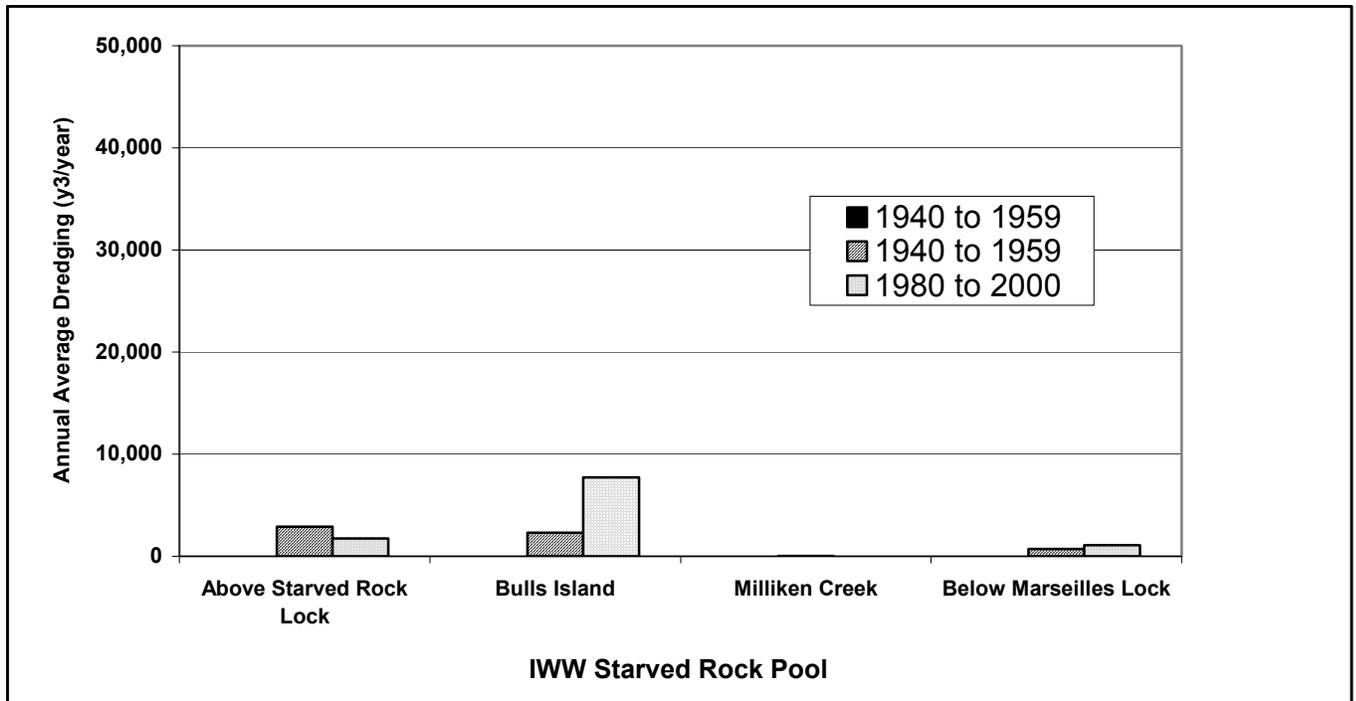


Figure A-16. Summary of annual average dredging volumes removed by the Rock Island District from Starved Rock Pool of the Illinois Waterway between 1940 and 2000. Dredging records are estimated prior to 1980.

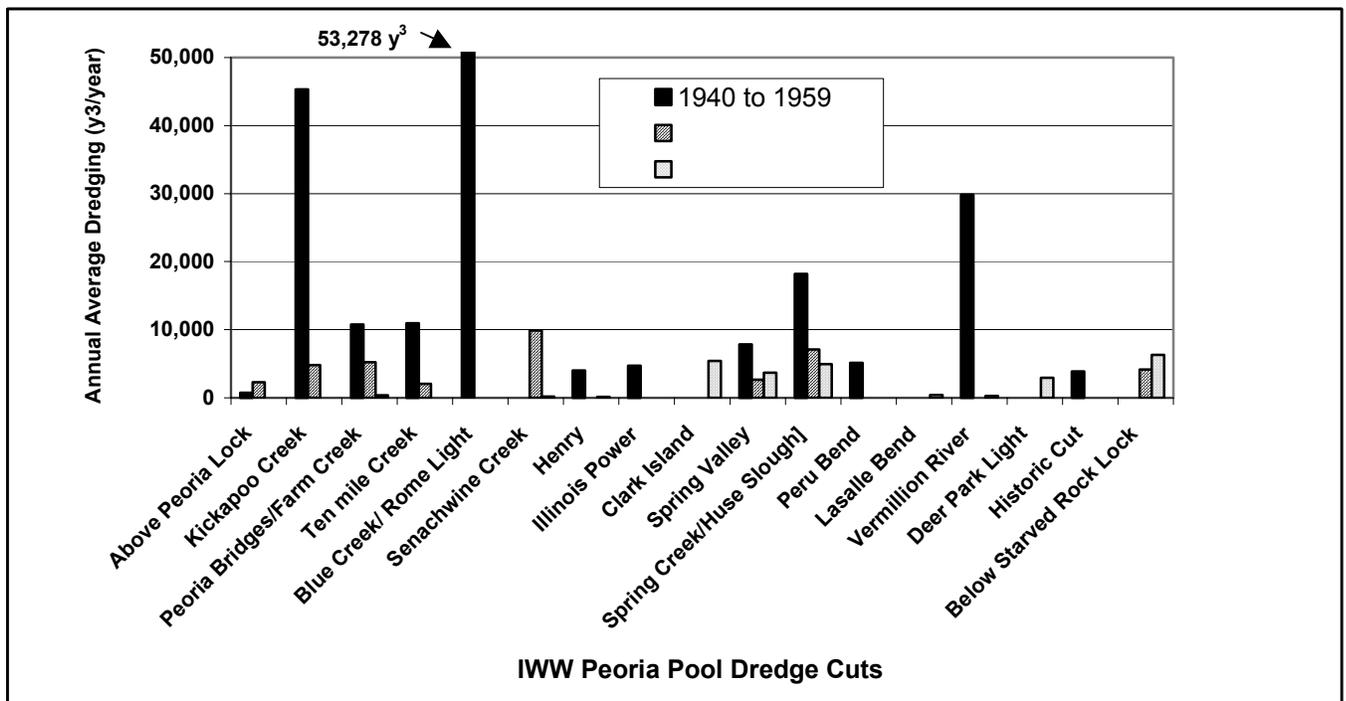


Figure A-17. Summary of annual average dredging volumes removed by the Rock Island District from Peoria Pool of the Illinois Waterway between 1940 and 2000.

Table A-18. Available historical dredging records for the period 1940 through 2000 within the La Grange Pool of the Illinois Waterway.

Dredge Cut	Approximate River Mile	Total Number of Dredging Events	Total Volume of Dredged Material (y³)
Above LaGrange Lock	80.0-81.0	3	302,111
Brigg's Landing	83.7-84.4	1	99,360
Grape Island	86.2-87.5	2	31831
Beardstown	87.5-89.5	13	361,277
Sugar Island	94.0-95.2	4	112,134
Browning Landing	97.0-98.0	3	93,662
Elm Creek	102.4-102.8	1	17,678
Holmes Landing	108.1-108.3	1	8,733
Anderson Lake	109.0-109.7	4	103,548
Grand Island	109.7-110.6	2	63,097
Otter Creek	110.6-112.4	3	247,717
Grand Island Head	112.4-114.0	6	291404
Matanzas Bay	114.0-116.0	3	181389
Devils Elbow	116.2-117.2	4	202,302
Historic cut	117.6-118.8	1	37,333
Quiver Island	120.0-123.0	15	1,782,280
Big Sister Creek	125.5-126.1	1	22,997
Senate Island	132.0-135.0	12	600,538
Duck Island	135.0-136.0	8	264,809
Copperas Creek	136.0-137.5	13	1,124,898
Lancaster Landing	142.0-145.0	10	606,871
Kingston Mines	145.0-146.7	23	975330
Mackinaw River	146.7-148.0	39	2,922,294
La Marsh Creek/Pekin Bend	148.0-153.1	22	1,289,816
Lick Creek	153.1-156.6	19	858,623
Below Peoria Lock	156.6-157.7	10	435,424
Total		223	13,037,456

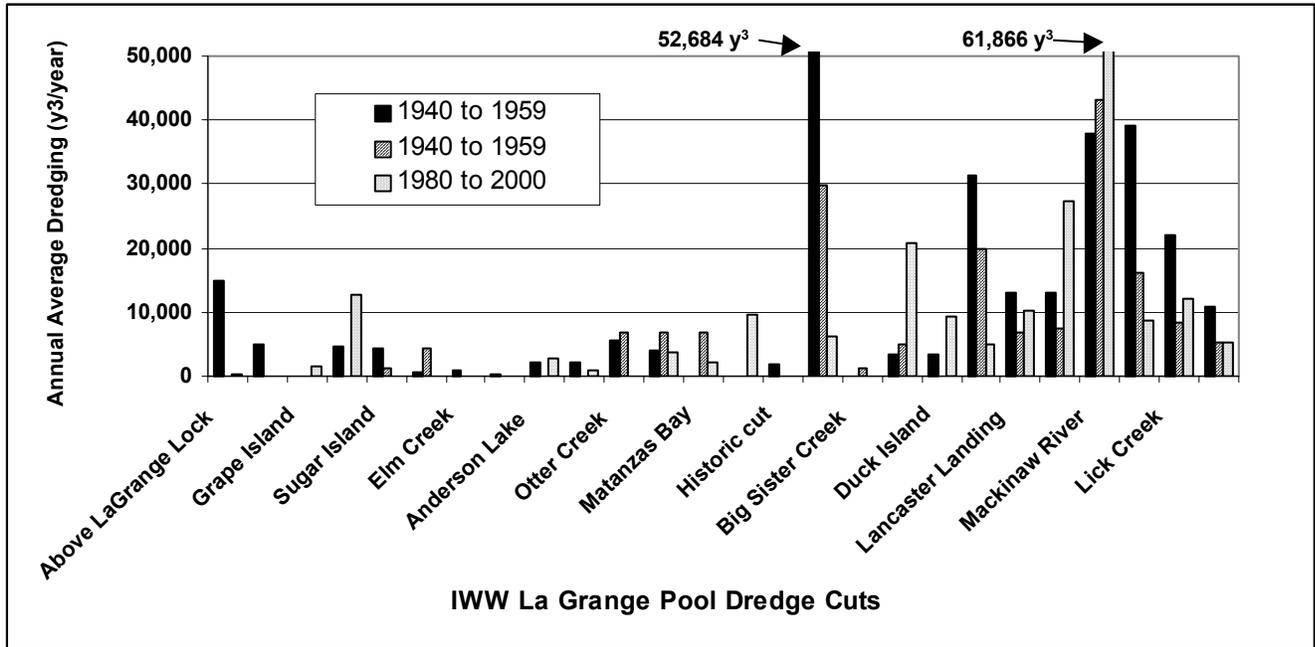


Figure A-18. Summary of annual average dredging volumes removed by the Rock Island District from La Grange Pool of the Illinois Waterway between 1940 and 2000.