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Missouri River Basin
STATE AND FEDERAL WATER AND RELATED LAND RESOURCE PROGRAM
Fiscal Years 1979-1985



KANSAS



VOLUME 4

Missouri River Basin Commission
December 1978

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MISSOURI RIVER BASIN
STATE AND FEDERAL WATER AND RELATED LAND RESOURCE PROGRAMS
FISCAL YEARS 1979-1983⁵

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1978

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PREFACE

This Commission report shows the results of the annual State and Federal planning program review conducted by authority of MRBC Policy Statement E, as approved by consensus July 11, 1973, and revised May 5, 1977.

Continuing with a more convenient document, the report is divided into 11 volumes. Volume 1 contains Federal agency program descriptions and generalized summary tables. Volumes 2-11 detail programs in each member State.

The report documents State and Federal water and related land resources planning, development, and management activities. The purpose of the combined program review is to better enable basin States and Federal agencies to coordinate water resource planning activities. A new program format has been developed that allows the identification of all funding participants listed under the Land Agency Basinwide programs to display individual State funding for comparison purposes. Additional detailed information on various projects may follow a general program description.

There are several hundred planning and study activities listed in the report. The MRBC staff gratefully acknowledges the cooperation of the State and Federal members, their agencies, and staff members for obtaining the material contained in the report.

Copies of Volumes 1-11 are available upon request from the Missouri River Basin Commission, Suite 403, 10050 Regency Circle, Omaha, Nebraska 68114.

USER'S GUIDE

This State and Federal Water and Related Land Resource Program Report consists of 11 volumes.

Volume 1 contains Federal agency program descriptions and generalized summary tables for the basin.

Volumes 2-11 contain summary tables and program descriptions in each of the member States.

Volume 1 is organized such that the reader can first turn to a description of each Federal agency's programs followed by a summary of water and related land resource programs within the Missouri River Basin.

The summaries of the planning and construction funding for State and local programs, Federal agency ongoing programs, and Federal agency new start or resumption programs are included next to provide the reader with a general understanding of the funding for water and related land resources by State and Federal agency within the Missouri River Basin.

The summary tables are only included to provide a generalized summation of the funding levels and do not necessarily represent the true total of the funding for each specific program listed in the report. For certain programs, the reported funding was not separable by fiscal year--it was included with other activities or included under another State's or Federal agency's programs.

Volumes 2-11 are organized by State. The reader will find: (1) a summary of the funding for State and local planning and construction, followed by specific State and local program activities and their funding; (2) a summary of the funding for Federal agency ongoing planning and construction programs, followed by specific Federal agency ongoing programs and their funding; and (3) a summary of the funding for Federal agency new start or resumption programs, followed

by the specific Federal agency new start or resumption programs and their funding.

Program information records list the land agency on the basis of maximum funding. Assisting agency area also included on a basis of funding.

For the purpose of comparison and considering the program types as used in the volumes have been defined as follows:

**DATA COLLECTION
AND ANALYSIS:**

Acquisition and interpretation of basic information and data. (Examples: soil survey; stream gaging; archaeological, land use, water use, environmental inventories; topographic mapping).

**PLANNING RELATED
RESEARCH:**

Problem related and applied research activities having water or related land resources planning applications. (Examples: water resources planning methodology; environmental impact assessment methodology; transfer of research results to practice).

SPECIAL STUDIES:

Investigations and analysis of unique issues or problems that may include elements of the other five categorical classifications. (Examples: alternative uses of water; upland erosion and sediment control; reevaluation of an authorized project, EPA Section 208 studies).

**REGIONAL OR RIVER
BASIN PLANNING:**

Reconnaissance level evaluations of water and related land resources for a selected region or river basin. (Examples: Framework Studies; Regional or River Basin level B Studies; Subregional analyses; and others).

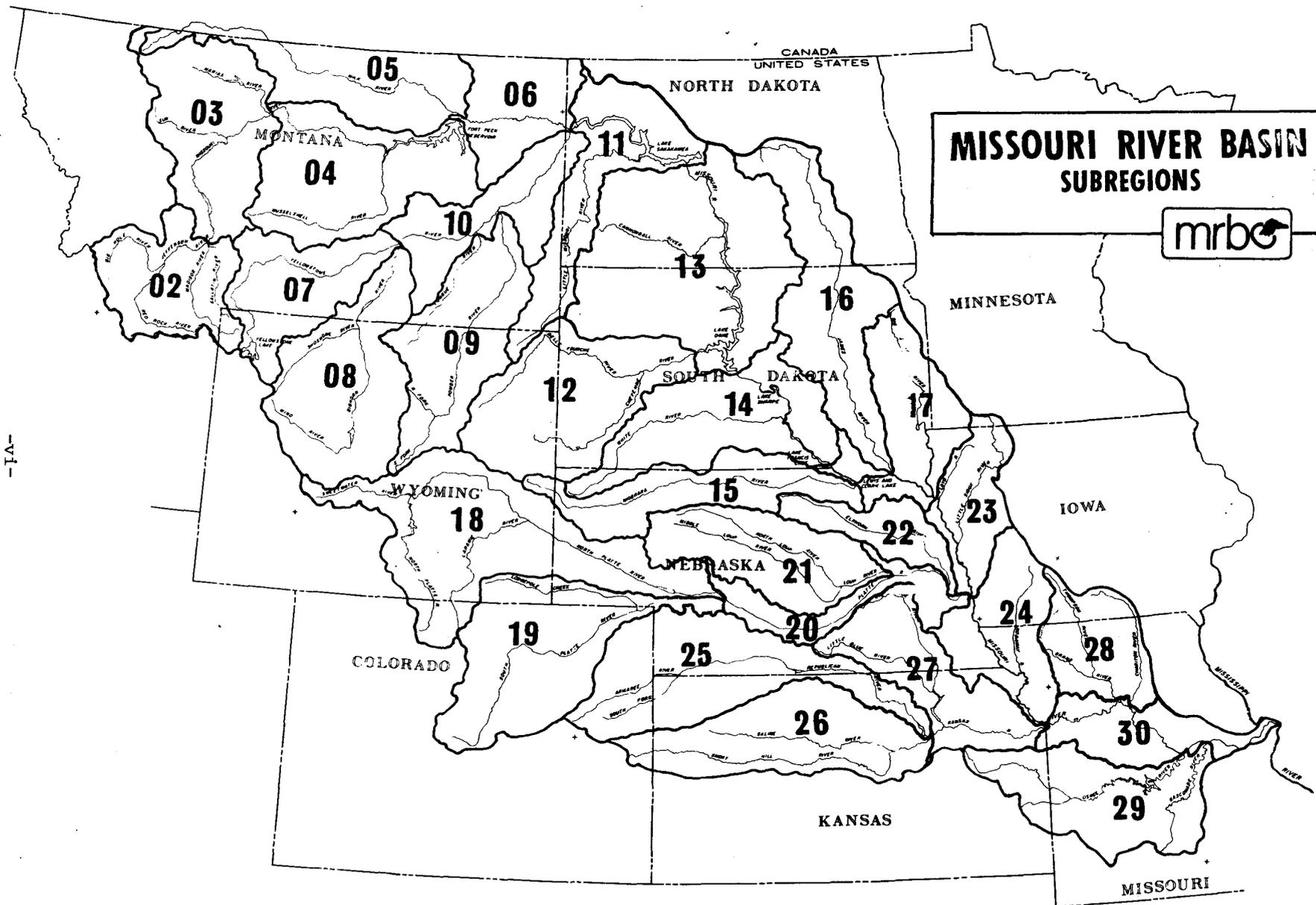
**IMPLEMENTATION
STUDIES:**

Preliminary or detailed investigations of the feasibility of a program or project or the design. (Examples: review or survey reports, feasibility studies, resource evaluations).

**IMPLEMENTATION OF
PROJECTS AND
PROGRAMS:**

Actual construction of authorized projects or implementation of authorized programs. (Examples: P.L. 566, assistance in coordination, Fish and Wildlife Research programs).

To obtain a true portrait of the program funding reported by each State and Federal agency and included in this report, one must study the program information records, which list the individual programs by State and Federal agency.



-1A-

ABBREVIATIONS

Admin.	Administration
AE&D	Advanced Engineering & Design
Ag.	Agriculture
Bd.	Board
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BOM	Bureau of Mines
BR	Bureau of Reclamation
CO	Colorado
COE	Corps of Engineers
COG	Council of Governments
Comm.	Commission
Cons.	Conservation
Cont.	Continuing
COOP	Cooperative
Dept.	Department
DOC	Department of Commerce
DOT	Department of Transportation
Dev.	Development
Dist.	District
Div.	Division
E	Entitlement
EDA	Economic Development Administration
EDS	Environmental Data Service
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
EQ	Environmental Quality
ERDA	Energy Research and Development Administration
ESCS	Economics, Statistics, and Cooperatives Service
FERC	Federal Energy Regulatory Commission
FIA	Flood Insurance Administration
FmHA	Farmers Home Administration
FS	Forest Service
FWS	Fish and Wildlife Service
GDM	General Design Memorandum
GS	Geological Survey
H	Hold-Harmless
HEW	Department of Health, Education and Welfare
HCRS	Heritage, Conservation and Recreation Service
HUD	Department of Housing and Urban Development
Hwy.	Highway
IA	Iowa
IDWC	Interdepartmental Water Conference
IHS	Indian Health Service
Imp.	Improvement
KS	Kansas
Lab.	Laboratory

Metro.	Metropolitan
MGD	Million gallons per day
MN	Minnesota
MO	Missouri
MRB	Missouri River Basin
MRBC	Missouri River Basin Commission
MT	Montana
Mtns.	Mountains
M&I	Municipal & Industrial
NE	Nebraska
NED	National Economic Development
ND	North Dakota
NM	New Mexico
NOAA	National Oceanic & Atmospheric Administration
NPDES	National Pollution Discharge Elimination System
NPS	National Park Service
NWS	National Weather Service
OWRT	Office of Water Research and Technology
P.L.	Public Law
RC&D	Resource Conservation and Development
SEA	Science and Education Administration
SCS	Soil Conservation Service
SD	South Dakota
SEAM	Surface Environment and Mining
Trib.	Tributaries
Univ.	University
USDA	U.S. Department of Agriculture
WRC	Water Resources Council
WY	Wyoming

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<u>U.S. DEPARTMENT OF INTERIOR (USDOI)/BUREAU OF RECLAMATION (BR)</u>				
<u>LEAD AGENCY PROGRAMS</u>				
Atmospheric Water Resources Research Including High Plains Cooperative Program-----		1,600	Prog. Implement.	4 - 147
Bureau of Reclamation Irrigation Facilities Rehabilitation and Betterment Program/Loan-----		609,000	Impl. Study	4 - 148
Examination of Existing Structures Program/Safety of Dams-----		661	Impl. Study	4 - 149
Glen Elder Unit/Kansas-----		FNS	Impl. Study	4 - 150
Kannapolis Unit/Kansas-----		FNS	Prog. Implement.	4 - 151
Kansas State Water Plan/Phase II-----		175	Regional Planning	4 - 152
Republican River Basin Water Management Study/Kansas, Colorado, and Nebraska-----		254	Special Study	4 - 153
Scandia Unit/Kansas-----		FNS	Impl. Study	4 - 154
Solomon River Basin Study/Kansas-----		275	Regional Planning	4 - 155

*FNS - Funding Not Specified

AGENCY	KANSAS	AGENCY PROGRAM INDEX	FY 79 Funding	Category	Page No.
Program Title		FEDERAL AGENCIES	\$1,000		
<u>U.S. DEPARTMENT OF INTERIOR (USDOI)/BUREAU OF RECLAMATION (BR) (con't.)</u>					
<u>LEAD AGENCY PROGRAMS</u>					
Weather Modification Program-----			FNS*	Research	4 - 156
Western Hydroelectric Power Inventory Special-----			421	Special Study	4 - 157
<u>ASSISTING AGENCY PROGRAMS</u>					
Streamgaging Stations-----			FNS	Data Collection	4 - 181
<u>U.S. DEPARTMENT OF INTERIOR (USDOI)/FISH AND WILDLIFE SERVICE (FWS)</u>					
<u>LEAD AGENCY PROGRAMS</u>					
Animal Damage Control-----			FNS	Prog. Implement.	4 - 158
Biological Services-----			FNS	Prog. Implement.	4 - 159
Denver Wildlife Research Center, Denver, Colorado-----			FNS	Prog. Implement.	4 - 160
Endangered Species-----			FNS	Prog. Implement.	4 - 161
Environmental Contaminant Evaluation-----			FNS	Prog. Implement.	4 - 162
Fish and Wildlife Research Programs, North Dakota/Northern Prairie Wildlife Research Center, Jamestown, ND-----			FNS	Prog. Implement.	4 - 163
Inland Fisheries-----			FNS	Prog. Implement.	4 - 164
Interpretation and Recreation-----			FNS	Prog. Implement.	4 - 165
Land and Water Resource Development Planning-----			FNS	Prog. Implement.	4 - 166
Mammals and Nonmigratory Birds-----			FNS	Prog. Implement.	4 - 167
Migratory Birds-----			FNS	Prog. Implement.	4 - 168
<u>ASSISTING AGENCY PROGRAMS</u>					
Streamgaging Stations-----			FNS	Data Collection	4 - 181
<u>U.S. DEPARTMENT OF INTERIOR (USDOI)/GEOLOGICAL SURVEY (USGS)</u>					
<u>LEAD AGENCY PROGRAMS</u>					
Availability of Ground Water in North-Central Kansas-----			FNS	Data Collection	4 - 169
Channel Geometry as Related to Discharge Characteristics of Regulated Streams in Kansas-----			FNS	Research	4 - 170
Evaluations of the Ground Water Quality Network and Interpretive Analyses of Data from Network					
Operation in Kansas-----			FNS	Data Collection	4 - 171
Flood Investigations/Kansas-----			FNS	Data Collection	4 - 172
Ground Water Stations-----			12	Data Collection	4 - 173
Ground Water Stations-----			FNS	Data Collection	4 - 174
Influence of Sediment and other Variables on Active-Channel Geometry-----			30	Research	4 - 175
Numerical Models of Streamflow in Kansas-----			FNS	Research	4 - 176
Sediment Stations-----			48	Data Collection	4 - 177
Sediment Stations-----			FNS	Data Collection	4 - 178
Streamflow Characteristics/Kansas-----			FNS	Research	4 - 179
Streamgaging Stations-----			348	Data Collection	4 - 180
Streamgaging Stations-----			FNS	Data Collection	4 - 181
Techniques for Estimating Ground Water Withdrawals in Western Kansas-----			FNS	Research	4 - 182
Water Quality Stations-----			FNS	Data Collection	4 - 183
Water Quality Stations-----			FNS	Data Collection	4 - 184
Water Use Data for Kansas-----			FNS	Data Collection	4 - 185
Water Yield Estimation For Ungaged Small Basins in Kansas-----			FNS	Research	4 - 186
<u>ASSISTING AGENCY PROGRAMS</u>					
Water Use Data Program-----			105	Data Collection	4 - 15
<u>U.S. DEPARTMENT OF INTERIOR (USDOI)/HERITAGE, CONSERVATION AND RECREATION SERVICE (HCRS)</u>					
<u>LEAD AGENCY PROGRAMS</u>					
Conservation Management Plan - Upper North Platte River-----			6	Prog. Implement.	4 - 187
National and State Trail System Planning-----			2	Special Study	4 - 188
Natural History Theme Studies-----			4	Special Study	4 - 189
Republican River Basin Total Water Management Study-----			1	Regional Planning	4 - 190
State Comprehensive Outdoor Recreation Planning-----			5	Regional Planning	4 - 191
Tuttle Creek Reservoir Archeological Survey and Salvage, Kansas-----			FNS	Data Collection	4 - 192
Wild and Scenic River System Planning-----			5	Special Study	4 - 193
<u>ASSISTING AGENCY PROGRAMS</u>					
Kansas River and Tributaries, Kansas-----			8	Impl. Study	4 - 90
Metropolitan Region of Kansas City, Missouri and Kansas-----			6	Regional Planning	4 - 96
<u>U.S. DEPARTMENT OF INTERIOR (USDOI)/NATIONAL PARK SERVICE (NPS)</u>					
<u>LEAD AGENCY PROGRAMS</u>					
Lewis and Clark National Historic Trail Management-----			FNS	Prog. Implement.	4 - 194
Oregon National Historic Trail Management Plan-----			FNS	Prog. Implement.	4 - 195
<u>ASSISTING AGENCY PROGRAMS</u>					
Tuttle Creek Reservoir Archeological Survey and Salvage, Kansas-----			8	Research	4 - 112
Tuttle Creek Reservoir Archeological Survey and Salvage, Kansas-----			FNS	Data Collection	4 - 192
<u>FEDERAL</u>					
<u>ASSISTING AGENCY PROGRAMS</u>					
Boating Administration-----			87	Prog. Implement.	4 - 16
Environmental and Technical Services-----			84	Prog. Implement.	4 - 18
Investigations and Surveys of Wildlife Use and Problems-----			113	Data Collection	4 - 20
Private Land and Water Management-----			54	Prog. Implement.	4 - 21
Public Land and Water Management-----			1,000	Prog. Implement.	4 - 22
Purchase Land for Terrestrial and Aquatic Wildlife and Public Use-----			759	Prog. Implement.	4 - 23
Bureau of Water Supply-----			271	Prog. Implement.	4 - 24
Park Planning and Development-----			1,271	Impl. Study	4 - 28
State Planning and State Plan Maintenance-----			25	Prog. Implement.	4 - 29
Water Conservation-----			141	Research	4 - 32
Irrigation Developmetn, Water Quality, Water Management-----			58	Research	4 - 38
Kansas Water Resources Research Institute (KWRRI)-----			205	Research	4 - 39
Weather Modification Activities-----			30	Research	4 - 46
Inventory of Natural Areas in the Kansas City and St. Joseph SMSA Areas, Missouri-----			FNS	Data Collection	4 - 47
<u>WATER RESOURCES COUNCIL (WRC)</u>					
<u>ASSISTING AGENCY PROGRAMS</u>					
State Water Plan-----			80	Regional Planning	4 - 43

*FNS - Funding Not Specified



KANSAS
STATE AND FEDERAL
WATER AND RELATED LAND RESOURCES PROGRAMS AND PROGRAM FUNDING
IN THE MISSOURI RIVER BASIN

SUMMARY OF
WATER AND RELATED LAND RESOURCE PROGRAM FUNDING
IN KANSAS

	-----Estimated Program Funding in Thousand Dollars*--				
	Budgeted FY 79	FY 80	Estimated Field Requirements		
			FY 81	FY 82	FY 83
State Programs	10680	12113	11802	12174	12517
Ongoing State Planning and Construction Programs	10427	11592	11718	12087	12427
New Starts or Resumptions of State Planning and Construction Programs	253	521	84	87	90
Federal Agency Programs	107768	33065	33231	30795	11989
Ongoing Federal Planning and Construction Programs	106184	31054	28958	27083	11616
New Starts or Resumptions of Federal Planning and Construction Programs	1584	2011	4273	3712	373
TOTAL	118448	45178	45033	42969	24500

*Rounded to the nearest \$1,000. *NR-None Reported

SUMMARY BY CATEGORY
 WATER AND RELATED LAND RESOURCES PROGRAM FUNDING
 IN KANSAS

4 - 3

	-----Estimated Program Funding in Thousand Dollars*-----														
	Data Collection & Research (D, E)					-----Planning (A, B, C)-----					-----Implementation (F)-----				
	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83
State Programs	1423	2245	2135	2233	2257	1747	1332	1400	1390	1705	7510	8536	8267	8551	8555
Ongoing State Planning and Construction Programs	1423	2084	2051	2146	2167	1747	1332	1400	1390	1705	7257	8176	8267	8551	8555
New Starts or Resumptions of State Planning and Construction Programs	--	161	84	87	90	NONE REPORTED					253	360	--	--	--
Federal Agency Programs	2253	2340	1854	1862	1598	7247	5622	8380	15777	3920	99913	25103	22997	13076	8503
Ongoing Federal Planning and Construction Programs	2253	2259	1854	1862	1598	4683	4737	7307	14365	1515	99041	24058	19797	10776	8503
New Starts or Resumptions of Federal Planning and Construction Programs	--	81	--	--	--	710	885	1073	1412	373	872	1045	3200	2300	--
TOTAL	3676	4585	3989	4095	3855	8994	6954	9780	2802	5625	107423	33639	31264	21627	17058

*Rounded to the nearest \$1,000. *NR-None Reported

SUMMARY OF
ONGOING STATE PLANNING AND CONSTRUCTION PROGRAM FUNDING
FOR WATER AND RELATED LAND RESOURCES
STATE OF KANSAS

	-----Estimated Program Funding in Thousand Dollars*-----				
	Budgeted FY 79	FY 80	Estimated Field Requirements		
	FY 79	FY 80	FY 81	FY 82	FY 83
Dept of Agriculture	2569	2976	2846	2757	2734
Dept of Health and Environment	925	1212	1227	1337	1353
Fish and Game Commission	2184	2236	1880	1940	1936
Board of Regents	855	1312	1309	1383	1360
Geological Survey	643	861	827	808	868
States University	212	451	482	575	492
Highway Commission	NONE	REPORTED			
Parks & Resource Authority	1107	600	694	678	951
State Conservation Commission	726	878	1132	1132	1133
Water Resources Board	2061	2378	2630	2860	2960
TOTAL	10427	11592	11718	12087	12427

*Rounded to the nearest \$1,000. *NR-None Reported

SUMMARY OF
 NEW STARTS OR RESUMPTIONS OF
 STATE PLANNING AND CONSTRUCTION PROGRAM FUNDING
 FOR WATER AND RELATED LAND RESOURCES
 STATE OF KANSAS

	-----Estimated Program Funding in Thousand Dollars*-----				
	Budgeted FY 79	FY 80	Estimated Field Requirements		
			FY 81	FY 82	FY 83
Dept of Agriculture	NONE REPORTED				
Dept of Health & Environment	NONE REPORTED				
Fish & Game Commission	253	387	--	--	--
State Board of Regents	--	134	84	87	90
Geological Survey	--	134	84	87	90
State University	NONE REPORTED				
Highway Commission	NONE REPORTED				
Park & Resource Authority	NONE REPORTED				
State Conservation Commission	NONE REPORTED				
Water Resources Board	NONE REPORTED				
TOTAL	253	521	84	87	90

*Rounded to the nearest \$1,000. *NR-None Reported

SUMMARY BY CATEGORY
ONGOING STATE PLANNING AND CONSTRUCTION
PROGRAM FUNDING
FOR WATER AND RELATED LAND RESOURCES
STATE OF KANSAS

	-----Estimated Program Funding in Thousand Dollars*-----														
	Data Collection & Research (D, E)					-----Planning (A, B, C)-----					-----Implementation (F)-----				
	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83
Dept of Agriculture	104	235	148	130	130	64	68	70	71	72	2401	2673	2628	2556	2532
Dept of Health and Environment	NONE	REPORTED				272	356	375	379	406	653	856	852	958	947
Fish and Game Commission	37	41	30	25	21	26	57	--	--	--	2121	2138	1850	1915	1915
Board of Regents	855	1312	1309	1383	1360	NONE	REPORTED				NONE	REPORTED			
Geological Survey	643	861	827	808	868	NONE	REPORTED				NONE	REPORTED			
States University	212	451	482	575	492	NONE	REPORTED				NONE	REPORTED			
Highway Commission	NONE	REPORTED													
Parks & Resource Authority	NONE	REPORTED				1107	600	694	678	951	NONE	REPORTED			
State Conservation Commission	NONE	REPORTED				120	120	122	122	123	606	758	1010	1010	1010
Water Resources Board	427	496	564	608	656	158	131	139	140	153	1476	1751	1927	2112	2151
TOTAL															
	1423	2084	2051	2146	2167	1747	1332	1400	1390	1705	7257	8176	9267	8551	8555

*Rounded to the nearest \$1,000. *NR-None Returned.

SUMMARY BY CATEGORY
 NEW STARTS OR RESUMPTIONS OF
 STATE PLANNING AND CONSTRUCTION PROGRAM FUNDING
 FOR WATER AND RELATED LAND RESOURCES
 IN KANSAS

	-----Estimated Program Funding in Thousand Dollars*-----														
	Data Collection & Research (D, E)					-----Planning (A, B, C)-----					-----Implementation (F)-----				
	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83
Dept of Agriculture	NONE REPORTED														
Dept of Health and Environment	NONE REPORTED														
Fish and Game Commission	--	27	--	--	--	NONE REPORTED					253	360	--	--	--
Board of Regents	--	134	84	87	90	NONE REPORTED					NONE REPORTED				
Geological Survey	--	134	84	87	90	NONE REPORTED					NONE REPORTED				
States University	NONE REPORTED														
Highway Commission	NONE REPORTED														
Parks & Rsource Authority	NONE REPORTED														
State Conservation Commission	NONE REPORTED														
Water Resources Board	NONE REPORTED														
TOTAL	--	161	84	87	90	NONE REPORTED					253	360	--	--	--

*Rounded to the nearest \$1,000. *NR-None Returned.

NAME OF PROGRAM: Computerization - Water Appropriation Program

LEAD AGENCY: Kansas Water Resources Division (KWRD)/State Board of Agriculture AUTHORITY(S): KSA 82(a) - 701, 730

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Replacement of manual system with computerized water appropriation data to properly regulate, allot, and control waters of the State.

PURPOSE OR OBJECTIVES:

SUBREGION(S):	SUBBASIN(S):
_____	Basinwide
_____	Upper Missouri
_____	Yellowstone
_____	Western Dakotas
_____	Eastern Dakotas
_____	Platte Niobrara
<u>24</u>	<input checked="" type="checkbox"/> Middle Missouri
<u>25, 26, 27</u>	<input checked="" type="checkbox"/> Kansas
<u>29, 30</u>	<input checked="" type="checkbox"/> Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KWRD	X			104	235	148	130	130								

Agency Contact: John Dewey Address: Suite 303 Phone: 757-3185
Assistant Chief Engineer
Kansas Water Resources Board 503 Kansas Avenue
Topeka, KS 66603

NAME OF PROGRAM: Dams, Levees, and Channel Changes -- Watersheds and Irrigation Districts

LEAD AGENCY: Water Resources Division (KWRD)/State Board of Agriculture AUTHORITY(S): KSA 12-635 to 646(a): 24-105,6, 82(a), 301, 305, 307, 311

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Review of construction plans for dams, levees, and channels. Reviews petitions for irrigation district formation, determines tax exemptions for water storage; and reviews watershed districts' plans and projects. Also, coordinates national program of dam inspection.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - 25, 26, 27 _____ X Kansas
 - 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Local	Other
KWRD	X			172	235	245	275	323				X				

Agency Contact: John Dewey Assistant Chief Engineer
Kansas Water Resources Board
 Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603
 Phone: 757-3185

NAME OF PROGRAM: Flood Plain Management

LEAD AGENCY: Kansas Water Resources Division (KWRD)/State Board of Agriculture AUTHORITY(S): KSA 12-734,5
12-710

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 100 Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Coordinates the National Flood Insurance Program, reviews proposed ordinances, resolutions, regulations, and plans of cities and counties effecting flood plains.

PURPOSE OR OBJECTIVES:

SUBREGION(S):	SUBBASIN(S):
_____	Basinwide
_____	Upper Missouri
_____	Yellowstone
_____	Western Dakotas
_____	Eastern Dakotas
_____	Platte Niobrara
24 _____	X Middle Missouri
25, 26, 27 _____	X Kansas
29, 30 _____	X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
KWRD	X			46	48	50	51	52				X				

Agency Contact: John Dewey Address: Suite 303 Phone: 757-3185
Assistant Chief Engineer 503 Kansas Avenue
Kansas Water Resources Board Topeka, KS 66603

NAME OF PROGRAM: National Dam Inspection Program

LEAD AGENCY: Kansas Water Resources Division (KWRD)/State Board of Agriculture AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: To determine the total number of existing dams in Kansas that are of a certain size and impoundment and the hazard classification of these dams, and to inspect and prepare a report of conditions of those dams classified as "high hazard" in respect to potential loss of life and property in event of a failure. The program will enable the State to determine condition of remedial measures necessary to correct deficiencies in dams that are classified as high hazard.

PURPOSE OR OBJECTIVES:

SUBREGION(S): _____ SUBBASIN(S): _____

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- _____ 24 _____ x Middle Missouri
- _____ 25, 26, 27 _____ X Kansas
- _____ 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
CE	X			286	347	248	112	0								

Agency Contact: John Dewey Address: Suite 303 Phone: 757-3185
Assistant Chief Engineer 503 Kansas Avenue
Kansas Water Resources Board Topeka, KS 66603

NAME OF PROGRAM: Rural Water Districts

LEAD AGENCY: Kansas Water Resources Division (KWRD)/State Board of Agriculture AUTHORITY(S): KSA 612-637

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- 100 M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Provide financial assistance to rural water districts for preparation of plans and construction of water supply and distribution facilities.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - 25, 26, 27 _____ X Kansas
 - 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KWRD				1000	1000	1000	1000	1000				X				

Agency Contact: John Dewey
 Assistant Chief Engineer
 Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Special Projects

LEAD AGENCY: Kansas Water Resources Division (KWRD)/State Board of Agriculture

AUTHORITY(S): KSA 24-901
82(a)-1020-1035
82(a)-518, 520, 528, 9

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to monitor ground water areas to determine level changes and development potential. Also, administers four interstate compacts.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KWRD	X			64	68	70	71	72				X				

Agency Contact: _____ Address: Suite 303, 503 Kansas Avenue, Topeka, KS 66603 Phone: 757-3185

NAME OF PROGRAM: Water Appropriation

LEAD AGENCY: Kansas Water Resources Division (KWRD)/State Board of Agriculture

AUTHORITY(S): KSA 82(a)-701,730
1020-1035, 1301-1320

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to control, conserve, regulate, allot, and in the distribution of water resources for the beneficial use in accordance with the rights of appropriation. Includes conflict resolution, elimination of water waste, processing of applications, and project inspection.

PURPOSE OR OBJECTIVES:

SUBREGION(S): _____ SUBBASIN(S): _____

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- _____ 24 _____ Middle Missouri
- _____ 25, 26, 27 _____ X Kansas
- _____ 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KWRD	X			897	1043	1085	1118	1157				X				

Agency Contact: John Dewey Address: Suite 303 Phone: 757-3185
Assistant Chief Engineer 503 Kansas Avenue
Kansas Water Resources Board Topeka, KS 66603

NAME OF PROGRAM: Water Use Data Program

LEAD AGENCY: Kansas Water Resources Division (KWRD)/State Board of Agriculture

AUTHORITY(S): KSA 82(a) - 701, 730

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- 100 Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Collect information on water supply sources to determine pumping rates, energy consumption, acres irrigated, water depth, and equipment used. Data is needed to perfect water rights to issue certificates of appropriation.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
USGS	X			105	150	173	188	188								

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Boating Administration

LEAD AGENCY: Kansas Fish and Game Commission (KFGC)

AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- 100 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to license, safety check and enforce safe boating laws in Kansas.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other	
KFGC (Special Revenue)				353	339	342	402	401									
Federal Funds				87	57	57	0	0									

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Engineering Study for New Fish Culture Areas

LEAD AGENCY: Kansas Fish and Game Commission (KFGC) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 100 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Engineering study by contractor to determine alternatives to meet demands for upgrading existing fish culture facilities and development of new ones.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - 25, 26, 27 _____ X Kansas
 - 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other	
KFGC (Special Revenue)				26	57	0	0	0									

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Environmental and Technical Services

LEAD AGENCY: Kansas Fish and Game Commission (KFGC)

AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 100 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to provide input on fish and wildlife resources to water resources planning studies and operational projects administered by local, state and federal agencies.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	State	Grant	Local	Other	
KFGC (Special Revenue)				29	29	29	29	29									
Federal Funds				84	84	84	84	84									

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 767-3185

NAME OF PROGRAM: Fish Culture

LEAD AGENCY: Kansas Fish and Game Commission

AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 100 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program involving operation and maintenance of the State's fish hatchery and rearing system to satisfy demands for varying species to stock in private and public waters.

PURPOSE OR OBJECTIVES:

- SUBREGION(S):
- SUBBASIN(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - 24 Middle Missouri
 - 25, 26, 27 Kansas
 - 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KFGC (Special Revenue)				360	388	359	372	362								X

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Investigations and Surveys of Wildlife Use and Problems

LEAD AGENCY: Kansas Fish and Game Commission (KFGC) AUTHORITY(S): _____

PROGRAM STATUS

PROGRAM TYPE

PROGRAM SCOPE

- Ongoing
- Resumption
- New Start

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 100 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to gather and disseminate information through fish and wildlife surveys to promote proper management of these resources.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ 24 X Middle Missouri
 - _____ 25, 26, 27 X Kansas
 - _____ 29, 30 X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KFGC				37	41	30	25	21								
Federal Funds				113	124	88	74	65								

Agency Contact: John Dewey Address: Suite 303 Phone: 757-3185
Assistant Chief Engineer 503 Kansas Avenue
Kansas Water Resources board Topeka, KS 66603

NAME OF PROGRAM: Private Land and Water Management

LEAD AGENCY: Kansas Fish and Game Commission (KFGC) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 100 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: This project includes the preparation of information and the dissemination of management guidelines for use on private streams and ponds. It includes activities in providing management aid to private interests and in addition offers assistance to wildlife mortality investigation.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ 24 X Middle Missouri
 - _____ 25, 26, 27 X Kansas
 - _____ 29, 30 X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
KFGC (Special Revenue)				126	133	118	117	117								
Federal Funds				54	57	50	50	50								X

Agency Contact: John Dewey Assistant Chief Engineer Kansas Water Resources Board Address: Suite 303 503 Kansas Avenue Topeka, KS 66603 Phone: 757-3185

NAME OF PROGRAM: Public Land and Water Management

LEAD AGENCY: Kansas Fish and Game Commission (KFGC) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program for new development for fish and wildlife enhancement at Federal facilities and small lakes.

PURPOSE OR OBJECTIVES:

SUBREGION(S):	SUBBASIN(S):
_____	Basinwide
_____	Upper Missouri
_____	Yellowstone
_____	Western Dakotas
_____	Eastern Dakotas
_____	Platte Niobrara
_____ 24	<input checked="" type="checkbox"/> Middle Missouri
_____ 25, 26, 27	<input checked="" type="checkbox"/> Kansas
_____ 29, 30	<input checked="" type="checkbox"/> Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other	
KFGC (Special Revenue)				1000	1072	1002	995	1006									
Federal Funds				1000	1072	1002	995	1006									

Agency Contact: John Dewey, Assistant Chief Engineer, Kansas Water Resources Board
 Address: Suite 303, 503 Kansas Avenue, Topeka, KS 66603
 Phone: 757-3185

NAME OF PROGRAM: Purchase Land for Terrestrial and Aquatic Wildlife and Public Use

LEAD AGENCY: Kansas Fish and Game Commission AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to acquire lands and water to meet growing demands for fish and wildlife use opportunities with earmarked funds.

PURPOSE OR OBJECTIVES:

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - 25, 26, 27 _____ X Kansas
 - 29, 30 _____ X Lower Missouri

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Local	Other	
KFGC (Special Revenue)				253	177												
Federal Funds				759	530												

Agency Contact: John Dewey Address: Suite 303 Phone: 757-3185
Assistant Chief Engineer 503 Kansas Avenue
Kansas Water Resources Board Topeka, KS 66603

NAME OF PROGRAM: Bureau of Water Supply

LEAD AGENCY: Kansas Department of Health and Environment (KDHE)

AUTHORITY(S): KSA 1977 Supp. 65-163; P.L. 93-523

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: This program provides surveillance of public water supplies, keeps records, trains public water supply personnel and promotes construction of treatment facilities and development of new sources of water. Also, enforces Safe Drinking water act regulations.

PURPOSE OR OBJECTIVES: Provision of safe and palatable drinking water to all residents and visitors.

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

SUBREGION(S):	SUBBASIN(S):
	Basinwide
	Upper Missouri
	Yellowstone
	Western Dakotas
	Eastern Dakotas
	Platte Niobrara
<u>24</u>	<input checked="" type="checkbox"/> Middle Missouri
<u>25, 26, 27</u>	<input checked="" type="checkbox"/> Kansas
<u>29, 30</u>	<input checked="" type="checkbox"/> Lower Missouri

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other	
KDHE	X			187	187	187	187	187									
Federal Funds	X			271	317	342	368	396									

Agency Contact: John Dewey
 Assistant Chief Engineer
 Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Oil Field, Environmental Geology and Well Driller Licensing

LEAD AGENCY: Kansas Department of Health and Environment (KDHE) AUTHORITY(S): KS 65-164 to 171(j); P.L. 92-500; 93-523(c)

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Prevention and abatement of pollution to fresh water in the handling of oil field and industrial wastes, and construction and operation of water wells. Includes review of injection well permits, licensing of contractors, education and inspection, and hazard evaluations.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ x Middle Missouri
 - 25, 26, 27 _____ y Kansas
 - 29, 30 _____ x Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
KDHE	X			160	150	146	219	205				X				
EPA	X			246	272	307	270	343						X		
(Special Revenue)	X			10	30	28	28	27								

Agency Contact: John Dewey Address: Suite 303 Phone: 757-3185
Assistant Chief Engineer 503 Kansas Avenue
Kansas Water Resources Board Topeka, KS 66603

NAME OF PROGRAM: Water Pollution Control and Director's Office

LEAD AGENCY: Kansas Department of Health and Environment (KDHE) AUTHORITY(S): KSA 65-161 to 171(j); P.L. 92-500: NPDES

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- 100 Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Control of point and nonpoint source pollution. Includes control of design, construction, and performance of facilities, permits, inspection, and operator training and certification. Also, administers grant programs for municipal wastewater facilities.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - 25, 26, 27 _____ X Kansas
 - 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KDHE	X			483	676	678	711	742				X				
EPA	X			469	802	1,050	1,150	1,150						X		

Agency Contact: John Dewey
 Assistant Chief Engineer
 Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Water Quality Management

LEAD AGENCY: Kansas Department of Health and Environment (KDHE)

AUTHORITY(S): KSA 65-164, 165, 170, 171; 82(a) 927-932; P.L. 92-500

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutions
- Instream Flows

DESCRIPTION

SUMMARY: Program designed to provide accurate and current information on the quality of State waters and suitability for beneficial use and to provide sufficient analysis of water quality conditions and trends to identify management alternatives.

PURPOSE OR OBJECTIVES:

SUBREGION(S): **SUBBASIN(S):**

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Local	Other
KDHE	X			272	356	375	379	406				X				
EPA	X			717	430	405	345	320						X		

Agency Contact: John Dewey
 Assistant Chief Engineer
 Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Park Planning and Development

LEAD AGENCY: Kansas Park and Resources Authority (KPRA) AUTHORITY(S): KSA 74-4501-4547

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- 100 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: This program provides for the planning, designing, budget preparation and construction of all state parks and park facilities. This involves meeting with federal, state, county, and city agencies, reviewing related development of plans for or near potential state park sites, and the development of a plan for new and redeveloped recreation areas. The phased construction and financing of any recreation facilities on the state park sites are also part of this planning effort.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KPRA	X			415	324	375	370	255				X				
Federal Funds				1271	908	983	962	205					X			
(Special Revenue)				692	276	319	308	696								X

Agency Contact: John Dewey
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 Kansas Water Resources Board

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503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: State Planning and State Plan Maintenance

LEAD AGENCY: Kansas Park and Resources Authority AUTHORITY(S): KSA 74-4533

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program maintains and coordinates the Kansas State recreation plans and planning.

PURPOSE OR OBJECTIVES: Continue to update the State Comprehensive Outdoor Recreation Plan to remain eligible for Federal funding through the Land and Water Conservation Fund Act.

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - 25, 26, 27 _____ X Kansas
 - 29, 39 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KPRA	X			36	35	70	71	73								
Federal Funds	X			25	30	0	0	0								
(Special Revenue)	X			53	80	29	29	29								

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Watershed Development Construction
 LEAD AGENCY: Kansas State Conservation Commission (KSCC) AUTHORITY(S): KSA 2-1901 et. seq.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to allocate cost-sharing funds to watershed districts for construction of storage structures and watershed measures to augment the P.L. 566 Program.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
 SUBBASIN(S):
 _____ Basinwide
 _____ Upper Missouri
 _____ Yellowstone
 _____ Western Dakotas
 _____ Eastern Dakotas
 _____ Platte Niobrara
 _____ 24 X Middle Missouri
 _____ 25, 26, 27 X Kansas
 _____ 29, 30 X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
KSCC	X			606	758	1010	1010	1010								

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Assistant Chief Engineer 503 Kansas Avenue
Kansas Water Resources Board Topeka, KS 66603

NAME OF PROGRAM: Watershed Development--Planning

LEAD AGENCY: Kansas State Conservation Commission (KSCC)

AUTHORITY(S): KSA 2-1901 et. seq.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: This is a program of state assistance in planning watersheds for participation in the federal Watershed Protection and Flood Prevention Act (P.L. 566), as well as to initiate planning in watershed districts not yet scheduled for formal planning under Soil Conservation Service regulations. The general program needs are to provide flood prevention, land treatment, agricultural water management, erosion and sediment control and water quality benefits. They are most applicable to the eastern half of the state due to topography, rainfall, and land use characteristics.

PURPOSE OR OBJECTIVES:

SUBREGION(S): _____ SUBBASIN(S): _____

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- 24 _____ X Middle Missouri
- 25, 26, 27 _____ X Kansas
- 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other	
KSCC	X			120	120	122	122	123									

Agency Contact:

John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address:

Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone:

757-3185

NAME OF PROGRAM: Water Conservation

LEAD AGENCY: Board of Regents/Kansas Cooperative Extension Service

AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to provide educational assistance to ground water districts, irrigators and others using the State's water resources. Evaluates new technologies, regulations and practices and conducts public affairs programs to foster better resource use.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	State	Grant	Local	Other
General Revenue	X			141	300	318	337	277				X				
Federal Funds	X			141	150	159	168	109					X			

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Applied and Basic Ground Water Research

LEAD AGENCY: Board of Regents/Kansas Geological Survey (KGS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: This program is rather diverse and varies with the need for ground water oriented research in the State of Kansas. Current projects include: Geophysical and Satellite Imagery Investigations; Design and Development of Aquifer Predictive and Management Models; Short-term Hydrologic Investigations and Public Inquiry; Economics of Ground Water and Energy; and Investigation of Saline Systems. The program satisfies the needs by local and State government agencies for basic tools derived from technical advances in a number of disciplines.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ 24 X Middle Missouri
 - _____ 25, 26, 27 X Kansas
 - _____ 29, 30 X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KGS	X			136	147	160	213	228				X				

Agency Contact: John Dewey
 Assistant Chief Engineer
 Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Assistance to Ground Water Management Districts and State Agencies

LEAD AGENCY: Board of Regents/Kansas Geological Survey (KGS) AUTHORITY(S): KSA 76-322
76-2610
82(a)-903
55-128

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to develop and maintain a comprehensive hydrologic data file to assist ground water districts and State agencies in the allocation and use of ground water resources. Includes an annual status report to the Water Resources Board and Board of Agriculture.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ 24 X Middle Missouri
 - _____ 25, 26, 27 X Kansas
 - _____ 29, 30 X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
KGS	X			87	228	188	201	216				X				

Agency Contact: John Dewey Address: Suite 303 Phone: 757-3165
Assistant Chief Engineer 503 Kansas Avenue
Kansas Water Resources Board Topeka, KS 66603

NAME OF PROGRAM: Geochemistry of Irrigation Waters and Ground Water Systems

LEAD AGENCY: Board of Regents/Kansas Geological Survey (KGS) AUTHORITY(S): KSA 76-322,2610
82(a)-903
55-128

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Research to obtain working knowledge of the causes and effects of salinity, alkalinity, and toxicity hazards present in Kansas water resources. Data and interpretations from the geochemical studies assist ground water management districts, irrigators, industry, and government.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KGS				133	145	154	158	168				X				

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Hydrology of Major Irrigation and Water Supply System

LEAD AGENCY: Board of Regents/Kansas Geological Survey (KGS)

AUTHORITY(S): KSA 76-322, 2610
82(a)-903
55-128

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- 100 Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: The purpose of this program is to supply information, data, and analysis of ground water systems in Kansas. Such systems exhibit great heterogeneity from place to place with respect to recharge rates, storage, saturated thickness, pumping characteristics, chemical quality, and movement of water. The program provides benefits to State agencies involved in ground water quality protection under PL 92-500, planning for development and management of new ground water supplies, saline discharge, appropriation of water, and in formulation of management strategies for ground water districts.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KGS	X			209	260	235	135	144								

Agency Contact: John Dewey
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Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Statewide Water Data Acquisition, Management and Display

LEAD AGENCY: Board of Regents/Kansas Geological Survey (KGS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to collect water-level data sufficient to provide a minimum long-term data base so that general response of hydrologic systems to natural climatic variations and induced stresses in known and potential problems can be defined early enough to allow proper planning and management. Data collection is programmed annually. A data base is being developed against which short-term records can be analyzed in order to provide an assessment of ground water resources, predict future conditions, detect and define supply problems, and provide information necessary for management.

PURPOSE OR OBJECTIVES:

SUBREGION(S): _____ SUBBASIN(S): _____

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- _____ 24 X Middle Missouri
- _____ 25, 26, 27 X Kansas
- _____ 29, 30 X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KGS	X			76	81	90	101	112								

Agency Contact: John Dewey
 Assistant Chief Engineer
 Kansas Water Resources Board

Address: Suite 303
 503 Kansas Avenue
 Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Irrigation Development, Water Quality, Water Management

LEAD AGENCY: Board of Regents/Kansas State University-Engineering Experiment Station

AUTHORITY(S): State water Plan, 82 (A)- 941

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Conduct of engineering research in the areas of water resources, water use and recovery in waste disposal; contaminate abatement; waste treatment; water quality, transportation; storage; watersheds; runoff control, etc. Inputs are fed to all sectors involved in water resources management.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 X Middle Missouri
- 25, 26, 27 X Kansas
- 29, 30 X Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
KSU	X			35	100	110	121	133				X				
(Federal Funds)	X			58	90	124	135	150						X		
Other Revenue	X				10	11	12	14								X

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Kansas Water Resources Research Institute (KWRRRI)

LEAD AGENCY: Board of Regents/Kansas State University

AUTHORITY(S): PL 88-379 as amended

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program to sponsor research, experiments, investigations and the training of scientists in the field of water and related resources. Includes administration of the Office of Water Research and Technology (USDI) grant funds.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ Middle Missouri
 - 25, 26, 27 _____ Kansas
 - 29, 30 _____ Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KWRRRI				32	36	38	39	41				X				
Federal Funds				205	228	240	252	265						X		
(Special Revenue)				4	5	5	6	6								X

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Coordination of Federal, - Regional, State & Local Plans and Activities

LEAD AGENCY: Kansas Water Resources Board (KWRB)

AUTHORITY(S): KSA 74-2608
82(a)-901 et. seq.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Provide input to and coordination on various programs, projects, and studies of Federal and regional entities concerned with water and related land resources in the State and those of an interstate nature which impact upon the State. Includes review and evaluation of programs under provisions of the State Water Plan and State water policies, and reports to the Governor.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - 25, 26, 27 _____ X Kansas
 - 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KWRB	X			183	190	210	220	231				X				

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Coordination of State Plans, Activities, and Budget Requests

LEAD AGENCY: Kansas Water Resources Board (KWRB)

AUTHORITY(S): KSA 82(a)-931; EO 78-29; SB 526

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Coordination of local, Federal, and State programs and plans which impact on the use, development, and conservation of the State's water resources. Includes conduct of the annual State program review and report to the Governor and Legislature.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ 24 _____ X Middle Missouri
 - _____ 25, 26, 27 _____ X Kansas
 - _____ 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	D i r e c t	S h a r e (%)	G r a n t	L o a n	O t h e r
KWRB	X			21	93	95	99	104				X				

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Special Studies
 LEAD AGENCY: Kansas Water Resources Board (KWRB) AUTHORITY(S): KSA 74-2608, 9

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Conduct hydrologic, economic, and other special studies to supply information needed to provide guidance in making decisions relating to the development, management, and use of the State's water resources by State agencies, political subdivisions, the legislature, and the governor.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
 SUBBASIN(S):
 _____ Basinwide
 _____ Upper Missouri
 _____ Yellowstone
 _____ Western Dakotas
 _____ Eastern Dakotas
 _____ Platte Niobrara
 _____ 24 _____ X Middle Missouri
 _____ 25, 26, 27 _____ X Kansas
 _____ 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:
 STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KWRB	X			56	26	27	29	30				X				

Agency Contact: John Dewey Assistant Chief Engineer
 Kansas Water Resources Board
 Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603
 Phone: 757-3185

NAME OF PROGRAM: State Water Plan

LEAD AGENCY: Kansas Water Resources Board (KWRB)

AUTHORITY(S): KSA 74-2608
82(a)-901 et. seq.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Development of the State Water Plan containing policies and objectives to serve as the guide by which the need and priority of State water programs, projects, and activities are measured. Fiscal year 1979-1980 activities will include: (a) examination of other Kansas water laws; (b) the updating of goals and objectives in the State Water Plan; and (c) examination of Federal and other State laws and policies as a guide to legal research and policy development.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
KWRB	X			102	105	112	117	123				X				
WRC (Title III)	X			80	80	84	88	93						X		

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: USGS Cooperative Program

LEAD AGENCY: Kansas Water Resources Board (KWRB) AUTHORITY(S): KSA 74-2608,9

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Participate in the cooperative program with USGS to collect basic data needed and provide interpretive hydrologic studies utilizing those data, to assess the quantity and nature of the State's water resources. Results from streamflow and sediment gaging stations are published by GS annually.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	\$1,000 ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
KWRb				303	299	319	340	365					50			

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Water Marketing

LEAD AGENCY: Kansas Water Resources Board (KWRB)

AUTHORITY(S): KSA 82(a)-901 et. seq.
82(a)-1301 et. seq.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Provision of State-controlled conservation storage in major reservoirs and watershed structures in order to market water to municipal and industrial users. Includes contract negotiation, legislative approval, inspection of withdrawal and metering facilities, and billing, receiving, and accounting funds from water sales.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

_____	Basinwide
_____	Upper Missouri
_____	Yellowstone
_____	Western Dakotas
_____	Eastern Dakotas
_____	Platte Niobrara
24	X Middle Missouri
25, 26, 27	X Kansas
29, 30	X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Local	Other
KWRB	X			1292	1468	1622	1793	1816				X				
Contract payments to general fund	X			(311)	(311)	(449)	(449)	(449)								X

Agency Contact: John Dewey
Assistant Chief Engineer
Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Weather Modification Activities

LEAD AGENCY: Kansas Water Resources Board (KWRB)

AUTHORITY(S): KSA 82(a) - 1401 et. seq.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Comprehensive studies of the effects of altering precipitation patterns on the economy and environment of Kansas. Includes grants, contracts, and cooperative agreements with public and private agencies to promote wise use of the atmospheric, as well as the surface and subsurface, water resources of the State.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Bal. to Complete	Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Direct		Share (%)	Grant	Loan	Other		
KWRB				124	197	245	268	291					x					
Federal Funds				30	60	60	60	60										

Agency Contact: John Dewey
 Assistant Chief Engineer
 Kansas Water Resources Board

Address: Suite 303
503 Kansas Avenue
Topeka, KS 66603

Phone: 757-3185

NAME OF PROGRAM: Inventory of Natural Areas in the Kansas City and St. Joseph SMSA Areas, Missouri

LEAD AGENCY: Missouri Department of Natural Resources/Division of Parks and Recreation (DPR) AUTHORITY(S): SCORP Planning Grant 29-00612

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Identify and rank in priority the unique natural areas of MARC and MO-KAN BI-State Regions.

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - _____ Kansas
 - 28, 30 _____ X Lower Missouri

LOCATION

STATE(S): Missouri
 Kansas

COUNTY(S)/VICINITY: Kansas City SMSA: Platte
 Cass
 Clay
 Jackson

STATEWIDE

St. Joseph SMSA: Andrew
 Buchanan

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	State	Grant	Local	Other
Federal		5	5											X		
Missouri		5	5											X		

Agency Contact: Glen Gessley Address: 14th Floor, Jefferson Building Phone: (314) 751-2479
 Division of Parks & Recreation Jefferson City, MO 65101

SUMMARY OF
ONGOING FEDERAL PLANNING AND CONSTRUCTION
PROGRAM FUNDING
FOR WATER AND RELATED LAND RESOURCES
STATE OF KANSAS

	-----Estimated Program Funding in Thousand Dollars*-----				
	Budgeted FY 79	-----Estimated Field Requirements-----			
	FY 80	FY 81	FY 82	FY 83	
Agriculture, Dept (USDA)	31628	1152	982	1035	1000
Econ, State & Coop Ser (ESCS)	201	201	--	--	--
Farmers Home Admin (FmAH)	24779	--	--	--	--
Forestry Ser (FS)	277	316	348	372	396
Science & Ed Admin (SEA)	63	--	--	--	--
Soil Conser Ser (SCS)	6142	485	475	495	520
Army, Dept (USDOA)	19703	16430	17085	14797	886
Eng, Corps of (COE)	19703	16430	17085	14797	886
Commerce, Dept (USDOC)	3313	2272	2272	2272	2272
Econ Devel Admin (EDA)	1000	--	--	--	--
Environ Data Ser (EDS)	48	--	--	--	--
Nat'l Weather Ser (NWS)	2265	2272	2272	2272	2272
Old West Reg Comm (OWRC)	NONE REPORTED				
Energy, Dept (USDOE) +	461	749	421	438	266
Energy Res & Devel Admin (ERDA)	NONE REPORTED				
Fed Energy Reg Comm (FERC)	1	1	1	1	--
Environ Protect Agency (EPA)	44188	5340	4126	4168	3813
Health, Ed, & Welfare, Dept (USHEW)	NONE REPORTED				
Indian Health Ser (IHS)	NONE REPORTED				
Housing & Urban Devel, Dept (USDHUD) + +	50	--	--	--	--
Fed Insur Agency (FIA)	NONE REPORTED				
Interior, Dept (USDOI)	2499	3274	1803	2124	1937
Bur of Indian Affairs (BIA)	NONE REPORTED				
Bur of Land Mgmt (BLM)	296	350	355	365	352
Bur of Reclamation (BR)	882	1394	700	1057	937
Bur of Mines (BOM)	44	46	46	--	--
Fish & Wildlife Ser (FWS)	2016	992	1224	1203	1205
Geological Survey (GS)	511	100	173	188	188
Heritage Conser & Rec Ser (HCRS)	823	2245	1003	981	218
Nat'l Park Ser (NPS)	8	88	150	112	35
Office of Water Res & Tech (OWRT)	263	318	364	387	415
Transportation, Dept (USDOT)	87	57	57	--	--
TOTAL	106184	31054	28958	27083	11616

*Rounded to the nearest \$1,000. *NR-None Returned.

+ Includes Funding Direct to USDOE

+ + Includes Funding Direct to USHUD

SUMMARY OF
NEW STARTS OR RESUMPTIONS OF
FEDERAL PLANNING AND CONSTRUCTION PROGRAM FUNDING
FOR WATER AND RELATED LAND RESOURCES
STATE OF KANSAS

	-----Estimated Program Funding in Thousand Dollars*-----				
	Budgeted FY 79	-----Estimated Field Requirements-----			
	FY 80	FY 81	FY 82	FY 83	
Agriculture, Dept (USDA)	NONE REPORTED				
Econ, State & Coop Ser (ESCS)	NONE REPORTED				
Farmers Home Admin (FmHA)	NONE REPORTED				
Forestry Ser (FS)	NONE REPORTED				
Science & Ed Admin (SEA)	NONE REPORTED				
Soil Conser Ser (SCS)	NONE REPORTED				
Army, Dept (USDOA)	825	1060	4120	3375	--
Eng, Corps of (COE)	825	1060	4120	3375	--
Commerce, Dept (USDOC)	NONE REPORTED				
Econ Devel Admin (EDA)	NONE REPORTED				
Environ Data Ser (EDS)	NONE REPORTED				
Nat'l Weather Ser (NWS)	NONE REPORTED				
Old West Reg Comm (OWRC)	NONE REPORTED				
Energy, Dept (USDOE)	NONE REPORTED				
Energy Res & Devel Admin (ERDA)	NONE REPORTED				
Fed Energy Reg Comm (FERC)	NONE REPORTED				
Environ Protect Agency (EPA)	NONE REPORTED				
Health, Ed, & Welfare, Dept (USHEW)	NONE REPORTED				
Indian Health Ser (IHS)	NONE REPORTED				
Housing & Urban Devel, Dept (USDHUD)	NONE REPORTED				
Fed Insur Agency (FIA)	NONE REPORTED				
Interior, Dept (USDO I)	--	951	153	337	373
Bur of Indian Affairs (BIA)	NONE REPORTED				
Bur of Land Mgmt (BLM)	NONE REPORTED				
Bur of Reclamation (BR)	--	--	153	337	373
Bur of Mines (BOM)	NONE REPORTED				
Fish & Wildlife Ser (FWS)	--	611	--	--	--
Geological Survey (GS)	NONE REPORTED				
Heritage Conser & Rec Ser (HCRS)	--	340	--	--	--
Nat'l Park Ser (NPS)	NONE REPORTED				
Office of Water Res & Tech (OWRT)	NONE REPORTED				
Transportation, Dept (USDOT)	NONE REPORTED				
TOTAL	825	2011	4273	3712	373

*Rounded to the nearest \$1,000. *NR=None Reported

SUMMARY BY CATEGORY
ONGOING FEDERAL PLANNING AND CONSTRUCTION PROGRAM FUNDING
FOR WATER AND RELATED LAND RESOURCES
IN KANSAS

	-----Estimated Program Funding in Thousand Dollars*-----														
	Data Collection & Research (D, E)					-----Planning (A, B, C)-----					-----Implementation (F)-----				
	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83
Agriculture, Dept (USDA)	840	806	634	663	629	57	58	30	32	34	30706	288	318	340	362
Econ, Stat & Coop Ser (ESCS)	201	201	--	--	--	NONE	REPORTED				NONE	REPORTED			
Farmers Home Admin (FmHA)	NONE	REPORTED				NONE	REPORTED				24779	--	--	--	--
Forestry Ser (FS)	NONE	REPORTED				20	28	30	32	34	257	288	318	340	362
Science & Ed Admin (SEA)	63	--	--	--	--	NONE	REPORTED				NONE	REPORTED			
Soil Conser Ser (SCS)	435	455	475	495	520	37	30	--	--	--	5670	--	--	--	--
Army, Dept (USDOA)	NONE	REPORTED				1348	2740	5147	11940	--	18355	13690	116778	2857	886
Eng, Corps of (COE)	NONE	REPORTED				1348	2740	5147	11940	--	18355	13690	116778	2857	886
Commerce, Dept (USDOC)	1868	--	--	--	--	1000	--	--	--	--	2265	2272	2272	2272	2272
Econ Devel Admin (EDA)	NONE	REPORTED				1000	--	--	--	--	NONE	REPORTED			
Environ Data Ser (EDS)	48	--	--	--	--	NONE	REPORTED				NONE	REPORTED			
Nat'l Weather Ser (NWS)	NONE	REPORTED				NONE	REPORTED				2265	2272	2272	2272	2274
Old West Reg Comm (OWRC)	NONE	REPORTED													
Energy, Dept (USDOE) +	461	749	421	438	266	NONE	REPORTED				NONE	REPORTED			
Energy Res & Devel Admin (ERDA)	NONE	REPORTED													
Fed Energy Reg Comm (FERC)	1	1	1	1	--	NONE	REPORTED				NONE	REPORTED			
Environ Protect Agency (EPA)	NONE	REPORTED				833	430	405	345	320	45833	4910	3721	3823	3493
Health, Ed, & Welfare, Dept (USHEW)	NONE	REPORTED													
Indian Health Ser (IHS)	NONE	REPORTED													
Housing & Urban Devel, Dept (USDHUD) + +	NONE	REPORTED				50	--	--	--	--	NONE	REPORTED			
Fed Insur Agency (FIA)	NONE	REPORTED													
Interior, Dept (USDOEI)	806	604	711	687	638	1071	597	737	1082	949	622	2073	355	355	350
Bur of Indian Affairs (BIA)	NONE	REPORTED													
Bur of Land Mgmt (BLM)	NONE	REPORTED				--	--	5	15	2	296	350	350	350	350
Bur of Reclamation (BR)	NONE	REPORTED				558	560	700	1057	941	854	300	--	--	--
Bur of Mines (BOM)	24	24	24	--	--	20	22	22	--	--	NONE	REPORTED			
Fish & Wildlife Ser (FWS)	113	124	88	74	65	NONE	REPORTED				1903	873	1136	1129	1140
Geological Survey (GS)	496	150	173	188	188	NONE	REPORTED				NONE	REPORTED			
Heritage Conser & Rec Ser (HCRS)	NONE	REPORTED				817	927	998	976	218	6	1318	5	5	--
Nat'l Park Ser (NPS)	8	88	150	112	35	NONE	REPORTED				NONE	REPORTED			
Office of Water Res & Tech (OWRT)	263	318	364	387	415	NONE	REPORTED				NONE	REPORTED			
Transportation, Dept (USDOT)	NONE	REPORTED				NONE	REPORTED				87	57	57	--	--
TOTAL	2253	2259	1854	1862	1598	4683	4737	7307	14365	1515	99041	24058	19797	10776	8503

*Rounded to the nearest \$1,000. *NR-None Returned. +Includes Funding Direct to USDOE + + Includes Funding Direct to USHUD

SUMMARY BY CATEGORY
 NEW STARTS OR RESUMPTIONS FEDERAL PLANNING AND CONSTRUCTION PROGRAM FUNDING
 FOR WATER AND RELATED LAND RESOURCES
 STATE OF KANSAS

	-----Estimated Program Funding in Thousand Dollars*-----														
	Data Collection & Research (D, E)					-----Planning (A, B, C)-----					-----Implementation (F)-----				
	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83	FY 79	FY 80	FY 81	FY 82	FY 83
Agriculture, Dept (USDA)	NONE REPORTED														
Econ, Stat & Coop Ser (ESCS)	NONE REPORTED														
Farmers Home Admin (FmHA)	NONE REPORTED														
Forestry Ser (FS)	NONE REPORTED														
Science & Ed Admin (SEA)	NONE REPORTED														
Soil Conser Ser (SCS)	NONE REPORTED														
Army, Dept (USDOA)	NONE REPORTED					710	885	920	1075	--	115	175	3200	2300	--
Eng, Corps of (COE)	NONE REPORTED					710	885	920	1075	--	115	175	3200	2300	--
Commerce, Dept (USDOC)	NONE REPORTED														
Econ Devel Admin (EDA)	NONE REPORTED														
Environ Data Ser (EDS)	NONE REPORTED														
Nat'l Weather Ser (NWS)	NONE REPORTED														
Old West Reg Comm (OWRC)	NONE REPORTED														
Energy, Dept (USDOE)	NONE REPORTED														
Energy Res & Devel Admin (ERDA)	NONE REPORTED														
Fed Energy Reg Comm (FERC)	NONE REPORTED														
Environ Protect Agency (EPA)	NONE REPORTED														
Health, Ed, & Welfare, Dept (USHEW)	NONE REPORTED														
Indian Health Ser (IHS)	NONE REPORTED														
Housing & Urban Devel, Dept (USDHUD)	NONE REPORTED														
Fed Insur Agency (FIA)	NONE REPORTED														
Interior, Dept (USDOl)	--	81	--	--	--	--	--	153	337	373	--	870	--	--	--
Bur of Indian Affairs (BIA)	NONE REPORTED														
Bur of Land Mgmt (BLM)	NONE REPORTED														
Bur of Reclamation (BR)	NONE REPORTED					--	--	153	337	373	NONE REPORTED				
Bur of Mines (BOM)	NONE REPORTED														
Fish & Wildlife Ser (FWS)	--	81	--	--	--	NONE REPORTED					759	530	--	--	--
Geological Survey (GS)	NONE REPORTED														
Heritage Conser & Rec Ser (HCRS)	NONE REPORTED					NONE REPORTED					--	340	--	--	--
Nat'l Park Ser (NPS)	NONE REPORTED														
Office of Water Res & Tech (OWRT)	NONE REPORTED														
Transportation, Dept (USDOT)	NONE REPORTED														
TOTAL	--	81	--	--	--	710	885	1073	1412	373	872	1045	3200	2300	--

*Rounded to the nearest \$1,000. *NR-None Returned.



NAME OF PROGRAM: CCJP Development and Related Programs

LEAD AGENCY: Missouri River Basin Commission AUTHORITY(S): PL 89-80

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Coordinate planning of State and Federal agencies for balanced resource development within the entire Missouri River Basin.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
MRBC	Cont.	Cont.	353.6	550.5	481	366	501				Cont.					

Agency Contact: Carroll Hamon
Director of Planning

Address: Missouri River Basin Commission
10050 Regency Circle, Suite 403
Omaha, NE 68114

Phone: 402-397-5714

NAME OF PROGRAM: Coordination and Program Review

LEAD AGENCY: Missouri Riv. Basin Commission AUTHORITY(S): PL 89-80

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Annual review of all water and related land resources programs in basin.

PURPOSE OR OBJECTIVES:

SUBREGION(S): **SUBBASIN(S):**

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
MRBC		Cont.	117	145	150	160	170									

Agency Contact: Carroll Hamon Address: Missouri River Basin Commission Phone: 402-397-5714
Director of Planning 10050 Regency Circle, Suite 403
Omaha, NE 68114

NAME OF PROGRAM: Missouri River Basin Hydrology Study

LEAD AGENCY: Missouri River Basin Commission (MRBC) AUTHORITY(S):

PROGRAM STATUS

PROGRAM TYPE

PROGRAM SCOPE

- Ongoing
- Resumption
- New Start

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: This proposed study would develop a basinwide hydrologic accounting system that would enable commission member agencies to determine historical and current streamflow depletions and residual flows at key locations.

PURPOSE OR OBJECTIVES:

1. Develop a basinwide hydrologic accounting system that is current and operational.
2. Determine the current streamflow depletions by appropriate water use categories.
3. Determine residual flows at key locations that are acceptable and agreed to by all commission members. The resulting residual flow base would be used by all State and Federal member agencies in their water and related land resource planning and water conservation activities.
4. Develop the capability to analyze effects of alternative water and related land resource future on the residual flow base.
5. Establish mechanisms for the continual operation and maintenance of the hydrologic accounting system.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

Funding Source				
D	S	G	L	O
i	h	r	a	t
r	a	a	n	h
e	r	n		e
c	(%)	t		r
X	75%			X

FINDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		
Colorado						10	10	10				
Iowa						10	10	10				
Kansas						10-12	10-12	10-12				
Missouri						15	15	15				
Montana						12	12	12				
Nebraska						12	12	12				
North Dakota						15	15	15				
South Dakota						15	15	15				
Wyoming						15	15	15				
Federal share						739	499	498				

Agency Contact: Don Ohnstad
Missouri River Basin Commission

Address: 10050 Regency Circle
Suite 403
Omaha, NE 68114

Phone: FTS 864-9351

NAME OF PROGRAM: Economic Analysis of the Impact of Coal and Oil State Development on Environmental Quality in Rural Areas

LEAD AGENCY: U.S. Department of Agriculture (USDA) Economics, Statistics, and Cooperative Service (ESCS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 50 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- 50 Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Analysis of the impact of coal development alternatives on human and natural resources through the operation of an interregional linear programming model

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- 2,3,4,5,6 Upper Missouri
- 7,8,9,10 Yellowstone
- 11,12,13,14 Western Dakotas
- 16,17 Eastern Dakotas
- 15,18,19,20,21,22 Platte Niobrara
- 23,24 Middle Missouri
- 25,26,27 Kansas
- 28,29,30 Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

*EPA funds transferred to ESCS

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
ESCS		72.0	56.0	8.0	8.0						8.0					
EPA *		1060.0	700.0	180.0	180.0						180.0					

Agency Contact: Norman E. Landgren
 Leader, GPRPG
 U.S. Department of Agriculture
 Economics, Statistics and Cooperative Serv.

Address: 100 Centennial Mall North, Room 435
 U.S. Federal Bldg. & Courthouse
 Lincoln, NE 68508

Phone:

NAME OF PROGRAM: Efficiency of Energy and Water Use in Irrigated Agriculture

LEAD AGENCY: U. S. Department of Agriculture (USDA) Economics, Statistics, and Cooperative Service (ESCS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- 75 Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- 25 Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Evaluate the potential for energy conservation and for increased efficiency of irrigation water use by economic analysis of farm management alternative and irrigation technologies.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- 15,18,19,20,21,22 Platte Niobrara
- Middle Missouri
- 25,26,27 Kansas
- Lower Missouri

LOCATION

STATE(S): Colorado
Nebraska
Kansas
Wyoming

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	D i r e c t	S h a r e (%)	G r a n t	L o a n	O t h e r
ESCS		156.0	52.0	52.0	52.0						52.0	X				

Agency Contact: Norman E. Landgren
Leader, GPRPG
ESCS

Address: 100 Centennial Mall North, Room 435
U.S. Federal Bldg. & Courthouse
Lincoln, NE 68508

Phone:

NAME OF PROGRAM: Rural Water and Waste Disposal Systems

LEAD AGENCY: Department of Agriculture (USDA) / Farmer's Home Administration (FmHA)

AUTHORITY(S): PL 87-128 as amended

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: The Farmers Home Administration (FmHA) is authorized to make loans and grants to develop domestic water supply and waste disposal systems for farmers and rural residents in towns of up to 10,000 people. Public or quasi-public bodies and corporations not operated for profit may receive financial and technical assistance in planning, developing, improving and extending water and waste disposal systems when: they give priority to service to residents of open country and rural towns and villages of up to 5,500 population; they are unable to obtain needed funds from other sources at reasonable rates and terms; they have legal capacity to borrow and repay loans, to pledge security for loans, and to operate the facilities or services; they are financially sound and will be effectively organized and managed. Funds may be used to: install, repair, improve, or expand rural water supply and distribution systems including water supply reservoirs, pipelines, wells, pumping plants, and water filtration and treatment facilities; purchase a water supply or a water right; install, repair, improve, or expand waste collection, treatment, or disposal systems; pay necessary fees; pay other costs related to the improvements, including the acquisition of rights-of-way and easements, and the relocation of roads and utilities. The maximum term on all loans is 40 years. The interest rate is currently 5 percent. All loans will be secured to adequately protect the interest of the Government. Bonds or notes pledging taxes, assessments, or revenues will be accepted as security if they meet statutory requirements. A mortgage may also be taken on the organization's facilities when state laws permit. The FmHA assists the applicant in making the first determinations regarding engineering feasibility, economic soundness, cost estimates, organization, financing, and management matters in connection with the proposed improvements. If financing is provided, the FmHA makes periodic inspections to see that funds are used as agreed upon and that construction meets approved standards.

Grants are made in instances where the cost of development would result in excessive user charges and the use of grant funds would lower them to reasonable levels. Further, FmHA makes direct loans to finance local shares of Soil Conservation Service projects for watershed protection, flood prevention and resource conservation and development.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other	
FmHA																	
Colorado				21,233.1	16,598												
Iowa				92,151	78,727												
Kansas					24,779												
Minnesota		13,456		3,056	6,800						6,800			X	X		
Missouri				14,600.3	23,625												
Montana				150.8	273.0	452.0											
Nebraska				6950	300												
North Dakota				8416	26,755												
South Dakota				508	28,090												
Wyoming				18,886.4	5189.9										X	X	

Agency Contact: Stewart Jessee
Soil Conservation Service, USDA

Address: Federal Bldg., Rm. 345
100 Centennial Mall, North
Lincoln, NE 68508

Phone: 402-471-5311
FTS-867-5311

FmHA
KANSAS

1. Pending

<u>Project Name</u>	<u>Location</u>	<u>FmHA Total Funds</u>
Rural Water District No. 1	Etik County	510,000
Rural Water District No. 8	Osage County	2,500,000
Rural Water District No. 2	Marshall County	40,000
Rural Water District No. 3	Rooks County	161,000
Rural Water District No. 1	Riley County	760,000
Rural Water District No. 2	Linn County	640,000
Rural Water District No. 6	Anderson County	2,525,000
Rural Water District No. 2	Reno County	209,000
Rural Water District No. 7	Chautauqua County	305,000
Rural Water District No. 1	Greenwood County	165,000
Rural Water District No. 6	Lyon County	78,000
Rural Water District No. 9	Montgomery County	110,000
Rural Water District No. 3	Shawnee County	500,000
Rural Water District No. 2	Anderson County	95,000
Rural Water District No. 2	Sedgwick County	50,000
Rural Water District No. 3	Osage County	220,000
Rural Water District No. 1	Sedgwick County	60,000
Rural Water District No. 2	Harper County	130,000
Rural Water District No. 1	Marion County	55,000
Rural Water District No. 3	Butler County	110,000
Rural Water District No. 5	Butler County	445,000
Rural Water District No. 1	Russell County	28,000
Rural Water District No. 3	Linn County	140,000
Rural Water District No. 1	Phillips County	100,000
Rural Water District No. 3	Osborne County	150,000
Rural Water District No. 1	Rush County	321,000
Rural Water District No. 1	Reno County	19,000
Rural Water District No. 4	Marion County	5,400,000
Rural Water District No. 2	Norton County	152,000
Rural Water District No. -	Hamilton County	90,000
Rural Water District No. (Moran)	Allen County	200,000
Rural Water District No. -	Russell County	100,000
Rural Water District No. 6	Crawford County	58,000
Rural Water District No. 11	Wilson County	187,000
Rural Water District No. 1	Ellsworth County	3,150,000
Rural Water District No. -	Ellis County	300,000
Rural Water District No. -	Geary County	184,000
Rural Water District No. -	Reno County	164,000
Rural Water District No. 3	Barber County	320,000
Rural Water District No. -	Rawlins County	505,000
Rural Water District No. (Skiddy)	Morris County	50,000
Rural Water District No. (Hallville)	Saline County	247,000
Rural Water District No. 4	Sumner County	190,000
Rural Water District No. 4	Neosho County	26,000
Rural Water District No. 3	Russell County	30,000
Rural Water District No. 9	Jefferson County	129,000
Rural Water District No. (Lecompton)	Douglas County	321,000
Rural Water District No. (Benton)	Butler County	1,950,000
Rural Water District No. 5	Harper County	600,000



NAME OF PROGRAM: Fish and Wildlife, Recreation and Timber Services RE: Soil and Water Protection

LEAD AGENCY: U.S. Department of Agriculture (USDA)/Forest Service (FS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutiona
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Minimize erosion and protect water quality.

SUBREGION(S): _____ SUBBASIN(S): _____

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Colorado - FS	X		8	30	52	59	66	73	80	86						
Missouri - FS	X		10	10	10	10	10	10	10	10						
Montana - FS	X			43	78	126	174	222	270	318						
Nebraska - FS	X		2	8	13	15	17	18	19	21						
South Dakota - FS	X		3	12	20	22	25	28	30	32						
Wyoming - FS	X			22	39	44	49	54	59	64						

Agency Contact: Craig A. Giffen
Regional Forester

Address: USDA Forest Service
Box 25127
Lakewood, CO 80225

Phone: FTS 234-3711

NAME OF PROGRAM: Water and Related Land Planning

LEAD AGENCY: U.S. Department of Agriculture (USDA)/Forest Service (FS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Cooperative and comprehensive land management planning.

PURPOSE OR OBJECTIVES: Soil and water needs and water rights.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY: National forest lands and State and private lands

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	D i r e c t	S h a r e (%)	G r a n t	L o a n	O t h e r
Colorado - FS	X		61	100	139	155	170	185	200	215						
Kansas - FS	X		11	20	28	30	32	34	35	37						
Missouri - FS	X		30	45	50	30	20	20	20	20						
Nebraska - FS	X		6	13	18	24	29	35	40	45						
North Dakota - FS	X				26	84	106	176	246	315						
South Dakota - FS	X		85	143	201	222	243	265	287	309						
Wyoming - FS	X			280	381	431	474	518	562	608						

Agency Contact: Craig A. Giffen
Regional Forester

Address: USDA Forest Service
Box 25127
Lakewood, CO 80225

Phone: FTS 234-3711

NAME OF PROGRAM: Water and Related Land Surveys

LEAD AGENCY: U.S. Department of Agriculture (USDA)/Forest Service (FS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cul.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institution
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Soil and water surveys and monitoring impact surveys.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Colorado - FS	X		16	35	54	64	74	84	94	103						
Missouri - FS	X		35	35	35	35	35	35	35	35						
Montana - FS	X			372	465	403	341	279	217	155						
Nebraska - FS	X		0	1	2	3	4	4	4	4						
South Dakota - FS	X		1	2	3	4	5	5	5	6						
Wyoming - FS	X			68	104	123	142	161	181	200						

Agency Contact: Craig A. Giffen
Regional Forester

Address: USDA Forest Service
Box 25127
Lakewood, CO 80225

Phone: FTS 234-3711

NAME OF PROGRAM: Water Pollution Abatement

LEAD AGENCY: U.S. Department of Agriculture (USDA)/Forest Service (FS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- 25 Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- 75 Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Reduce pollution from forest land and mine drainage.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY: National forest lands

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	D i r e c t	S h a r e (%)	G r a n t	L o a n	O t h e r
Colorado - FS	X		7	12	18	20	22	24	25	27						
Montana - FS	X			116	191	165	138	112	86	59						
Nebraska - FS	X		1	3	5	8	10	10	10	10						
North Dakota - FS	X				2	2	2	2	2	2						
South Dakota - FS	X			3	5	13	20	20	20	20						
Wyoming - FS	X			40	57	63	69	74	79	85						
Missouri			See Watershed Restoration program													

Agency Contact: Craig A. Giffen
Regional Forester

Address: USDA Forest Service
Box 25127
Lakewood, CO 80225

Phone: FTS 234-3711

NAME OF PROGRAM: Watershed Protection

LEAD AGENCY: U.S. Department of Agriculture (USDA)/Forest Service (FS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cul
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institution
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Fire and fuel management, orphan dam treatment, and reforestation, timber stand improvement, Hydrologic services.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY: National forest lands and State and Federal lands

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share (%)	Grant	Loan	Other
Colorado - FS	X		309	464	618	656	694	731	768	805						
Kansas - FS	X		257	288	318	340	362	384	406	428						
Missouri - FS	X		100	100	110	120	130	140	150	160						
Montana - FS	X			928	1,447	1,636	1,824	2,013	2,202	2,391						
Nebraska - FS	X		241	280	320	348	376	403	430	458						
South Dakota - FS	X		278	446	613	682	751	820	889	959						
Wyoming - FS	X			526	724	799	874	948	1,022	1,097						

Agency Contact: Craig A. Giffen
Regional Forester

Address: USDA Forest Service
Box 25127
Lakewood, CO 80225

Phone: FTS 234-3711

NAME OF PROGRAM: Watershed Restoration

LEAD AGENCY: U.S. Department of Agriculture (USDA)/Forest Service (FS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- 50 Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- 50 Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Mine restoration and rehabilitation of eroded lands.

- SUBREGION(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY: National forest lands

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
Colorado - FS	X		27	133	239	319	399	478	557	637						
Montana - FS	X			2,958	3,749	3,987	4,225	4,463	4,701	4,439						
Nebraska - FS	X		1	5	9	12	15	18	21	24						
Missouri - FS	X		30	20	50	50	20	30	30	30						
North Dakota - FS	X		68	82	103	134	141	148	155	162						
South Dakota - FS	X		18	89	159	212	265	318	371	424						
Wyoming - FS	X			290	522	696	870	1,044	1,218	1,392						

Agency Contact: Craig A. Giffen
Regional Forester

Address: USDA Forest Service
Box 25127
Lakewood, CO 80225

Phone: FTS 234-3711



SCIENCE AND EDUCATION ADMINISTRATION

FEDERAL RESEARCH PROGRAMS

STATE OF Kansas

<u>Program Title</u>	<u>Funding FY 1979</u>
Wind Energy for Pumping Irrigation Water	62,731

NAME OF PROGRAM: Conservation Operation

LEAD AGENCY: United States Department of Agriculture/Soil Conservation Service (SCS)

AUTHORITY(S): PL 74-46

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Technical assistance to conservation district cooperators and other landowners in development of plans and application of soil and water conservation measures.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	FY 1978 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Colorado			5694	5823												
Iowa																
Kansas				5200												
Minnesota																
Missouri				3,372	3,574	3,800										
Montana			3,208	3,210	3650	3791	same									
Nebraska																
North Dakota																
South Dakota																
Wyoming			1,625.3	1613.3	1650	1650	1650	1650	1650	1650						

Agency Contact: Stewart Jesse (SCS)

Address: Federal Bldg. Rm. 345
100 Centennial Mall N.
Lincoln, Ne 68508

Phone: FTS 541-5311

NAME OF PROGRAM: Land Inventorying and Monitoring

LEAD AGENCY: United States Department of Agriculture/Soil Conservation Services (SCS)

AUTHORITY(S): PL- 74-46

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- 100 Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: National program of land inventory to report current conditions of use, erosion, and treatment needs.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	FY 1978 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Colorado			138	120												
Iowa				230												
Kansas																
Minnesota																
Missouri				132												
Montana			129	330	330	330										
Nebraska			133.5	210												
North Dakota																
South Dakota																
Wyoming			36.7	173.3	None	---	---	---	---	---						

Agency Contact: Stewart Jesse(SCS)

Address: Federal Bldg. Rm. 345
100 Centennial Mall N.
Lincoln, NB 68508

Phone: FTS 541-5311

NAME OF PROGRAM: Resource Conservation and Development Program (R, C & D)

LEAD AGENCY: U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS)

AUTHORITY(S): PL 74-76, Soil Conservation and Dom. Allotment Act; Rural Development Act 1972

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program in which SCS provides local groups technical and financial assistance in conserving and developing their natural resources. Proposals initiated at the State Level may include assistance for planning and development in the form of technical services, grants, cost sharing or loans.

PURPOSE OR OBJECTIVES: Objectives include: assist in controlling soil erosion, reforestation, preserving natural resources, protecting fish and wildlife, developing and protecting recreational facilities, mitigating floods, preventing impairment of dams and reservoirs, conserving surface and subsurface moisture, protecting the watersheds of navigable streams, and protecting the public lands, health, safety, and welfare.

- SUBREGION(S):** _____
- SUBBASIN(S):**
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source								
	Cont.	Total	78 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	D f r e c t	S h a r e (%)	G r a n t	L o a n	O t h e r				
SCS Colorado			662	255	Statewide															
SCS Iowa				370	330	330	330													
SCS Kansas				520																
SCS Minnesota	No																			
SCS Missouri				400																
SCS Montana			288	227	227	227														
SCS Nebraska				250																
SCS North Dakota				653																
SCS South Dakota				400																
SCS Wyoming			227.3	96	96	96														

Agency Contact: Stewart Jessee, SCS

Address: Federal Building - U.S. Courthouse
Room 345
Lincoln, NE 68508

Phone: FTS 541-5311

USDA
RURAL CONSERVATION AND DEVELOPMENT PROGRAMS

<u>Project Name</u>	<u>Kansas</u> <u>Counties</u>	<u>Annual Funding</u> <u>(\$1,000)</u>
Lake Region	Osage, Franklin, Lynn, Miami, Coffey, and Anderson Counties	260 (FY 79/85)
Four Rivers	Jewell, Republic, Mitchell, Cloud, Lincoln, Ottawa, Ellsworth, and Saline Counties	260 (FY 79/85)

NAME OF PROGRAM: Rural Clean Water Program
 LEAD AGENCY: U.S. Department of Agriculture/Soil Conservation Service (SCS) AUTHORITY(S): PL 95-217

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Provide technical and cost-share assistance for installation and maintenance of best technical management practices to control rural nonpoint source pollution to improve water quality.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING \$1,000										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Colorado			8	.4												
Iowa				1												
Kansas																
Minnesota																
Missouri																
Montana			-----	1	341	565										
Nebraska																
North Dakota																
South Dakota																
Wyoming																

Agency Contact: Stewart Jesse (SCS)

Address: Federal Bldg. Rm. 345
 100 Centennial Mall N.
 Lincoln, NE 68508

Phone: FTS541-5311

NAME OF PROGRAM: Small Watershed Program (Construction)

LEAD AGENCY: United States Department of Agriculture/Soil Conservation Service (SCS)

AUTHORITY(S): PL83-566
Watershed Protection & Flood Prevention Act of 1954.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program wherein USDA assists local organizations in planning and carrying out works of improvement, including structural and land treatment measures for flood prevention, or measures for the conservation, development, utilization and disposal of water or for the conservation and proper utilization of land. Watershed projects undergo several phases during planning and development. Local entities file application with their state, after which a preliminary investigation is made. If approved for planning, a work plan is developed. This is then forwarded to Congress for authorization to develop. Cost-sharing during development varies for the several project purposes; local sponsors are generally responsible for land acquisition and part of development costs. Watersheds are limited to 250,000 acres of drainage in size, and must include land treatment. Other features include flood retention structures, grade stabilization structures, multipurpose structures, and irrigation and recreation facilities. Funds for planning and operations for watershed projects are allocated by lump sum to State SCS offices where work priorities are formulated each year in cooperation with local sponsors.

PURPOSE OR OBJECTIVES:

SUBREGION(S): _____ SUBBASIN(S): _____

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	78 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Local	Other
SCS:				Statewide												
Colorado	X		2148	1317												
Iowa				3300												
Kansas				5,150												
Minnesota				2,920												
Missouri				540	400	1,400	1,600									
Montana			444	456	1,599	466										
Nebraska			4280	1,600	1,600	1600	1600									
North Dakota				3,597												
South Dakota				566												
Wyoming			260	811	1,150	1,150										

Agency Contact: Stewart Jessee

Address: Federal Building-U.S. Courthouse
Room 345
Lincoln, NE 68508

Phone: FTS 541-5311

SCS
WATERSHED PLANNING AND PROTECTION PROGRAMS

Kansas

1. Approved Application (Preliminary Planning)

<u>Project</u>	<u>Location</u>	<u>Total Funding</u> (\$1,000)	<u>Schedule</u>	<u>Features</u>
Pony Creek	Middle Mo. SB, SR #24, Nemaha and Brown Counties	\$4,300	Post - 1984	52 - FRS
Roys Creek	Middle MO. SB, SR #24, Brown County	\$3,300	Post - 1984	48 - FRS
Upper Delaware	Kansas SB, SR #27	\$9,300	Post - 1985	50 - FRS

2. Work Plan Investigation

<u>Project</u>	<u>Location</u>	<u>Total Funding</u> (\$1,000)	<u>Schedule</u>	<u>Features</u>
Dry Creek	Kansas SB, SR #25 Republican, Washington, Clay, and Cloud Counties	\$ 470	80/84	2 - FRS
Elk Creek	Kansas SB, SR #27 Nemaha, Jackson, and Jefferson Counties	\$ 9,400	80/	70 - FRS, IMPS
Grasshopper-Coal Creek	Kansas SB, SR #24, 27, Atchison and Jefferson Counties	\$ 3,500	80/85	39 - FRS
Middle Creek	Lower MO. SB, SR #29, Miami and Linn Counties	\$ 3,200	80/	7 - FRS, IMPS
Wolf River	Middle MO. SB, SR #24, Doniphan and Brown Counties	\$18,500	82/	193 - FRS

NAME OF PROGRAM: Soil Surveys

LEAD AGENCY: U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) AUTHORITY(S): Soil Conservation Act of 1935

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program of soil surveys, investigations and interpretations conducted under the Conservation Operations program to assess and map soils for use in planning and operations of federal, state and local entities and individuals. Each state SCS office monitors the annual progress of its surveys.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	78 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other	
Colorado - SCS	X		1198	1348	(Statewide)							X					
Iowa - SCS	X		600	1002	(Statewide) 200		200										
Kansas - SCS	X	4,000	790	415	435	455	475	500	475	455	0	X					
Minnesota - SCS	X		14	39	39	39	39	39			180	X					
Missouri - SCS	X		376	396.5	418.6	446.8	471.1	497.3	525.3	552.5		X					
Montana - SCS	X		1032	1108	1015	1017						X					
Nebraska - SCS				852	895	940	987										
North Dakota - SCS			600	600	600	600	600	600	600	600	2850	X					
South Dakota - SCS				720	700	700	700	700	500								
Wyoming - SCS			388.5	347.3	350												

Agency Contact: Stewart Jessee, SCS

Address: Federal Bldg. Rm. 345
100 Centennial Mall N.
Lincoln, NB 68508

Phone: FTS 541-5311

NAME OF PROGRAM: Water Bank

LEAD AGENCY: United States Department of Agriculture/Soil Conservation Service (SCS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 100 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Assistance on identification and preservation of wetlands.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	FY 1978 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Colorado																
Iowa																
Kansas																
Minnesota																
Missouri																
Montana			32.5	35.0	47.0	47.0	same									
Nebraska																
Noth Dakota																
South Dakota																
Wyoming																

Agency Contact: Stewart Jesse (SCS)

Address: Federal Bldg. Rm. 345
100 Centennial Mall N.
Lincoln, NE 68508

Phone: FTS 641-5311

NAME OF PROGRAM: Eastern Kansas Water Supply Study

LEAD AGENCY: United States Department of Agriculture/Soil Conservation Service (SCS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Study of water supply problems and alternative solutions.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ 24 Middle Missouri
 - _____ 25,27 Kansas
 - _____ 29 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Eastern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
SCS		75	60	15												

Agency Contact: Stewart Jessee, SCS

Address: Lincoln, Nebraska

Phone:

NAME OF PROGRAM: Flood Hazard Data

LEAD AGENCY: U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Data collection on flood hazards during resource project work.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25,26,27 Kansas
- 29,30 Lower Missouri

LOCATION

STATE(S):
Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
SCS	x		40	20	20	20	20	20	20	20		x				

Agency Contact: Stewart Jessee, SCS

Address: Lincoln, Nebraska

Phone:

NAME OF PROGRAM: Suspended Sediment Study
 LEAD AGENCY: United States Department of Agriculture/Soil Conservation Service (SCS) AUTHORITY(S): PL 83-566

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Study of relationship between suspended sediment and channel stability.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
 SUBBASIN(S):
 _____ Basinwide
 _____ Upper Missouri
 _____ Yellowstone
 _____ Western Dakotas
 _____ Eastern Dakotas
 _____ Platte Niobrara
 _____ 24 Middle Missouri
 _____ 25,27 Kansas
 _____ Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: Northeastern Kansas
 Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	D i r e c t	S h a r e (%)	G r a n t	L o a n	O t h e r
SCS			105	22	30							X				

Agency Contact: Stewart Jessee, SCS

Address: Lincoln, Nebraska

Phone:

NAME OF PROGRAM: Assistance to State Water Planning
 LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): PL-93-251 Sec. 22

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Provide technical planning assistance to states in developing state water plans.

PURPOSE OR OBJECTIVES: North Dakota - Study groundwater levels in Bismarck - Mandan area. Determine effort of improved drainage on Red River Levees.
 South Dakota - Currently developing hydrology/hydraulics on Lower James River from Huron to mouth - Future work will be directed toward the Eastern Dakota Lakes.
 Colorado - Assistance with State plan.
 Nebraska - Development and application of hydrologic modeling.

- SUBREGION(S): _____
 SUBBASIN(S):
 Basinwide
 _____ Upper Missouri
 _____ Yellowstone
 _____ Western Dakotas
 _____ Eastern Dakotas
 _____ Platte Niobrara
 _____ Middle Missouri
 _____ Kansas
 _____ Lower Missouri

LOCATION

STATE(S): Colorado
 Nebraska
 North Dakota
 South Dakota
 COUNTY(S)/VICINITY:
 STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE - Colorado(Sacramento District)				30	15	15	15	15	15		Indef.	X				
COE - Iowa (no activity)																
COE - Kansas (no activity)																
COE - Minnesota (no activity)																
COE - Missouri (Kansas City District)				35								X				
COE - Montana (no activity)																
COE - Nebraska (KC, Omaha Districts)				35	15	15	15	15	15		Indef.	X				
COE - North Dakota				70	38	38	38	38	38		Indef.					
COE - South Dakota				80	27	27	27	27	27		Indef.	X				
COE - Wyoming (no activity)																

Agency Contact: Dave Day - COE
 Planning Branch - COE
 Claude Pratt - COE
 Lee McQuivey
 William Sweele

Address: Kansas City, Missouri
 Tulsa, Oklahoma
 Sacramento, California
 Salt Lake City, Utah
 Omaha, NE

Phone: FTS-758-3674
 FTS-736-7314
 FTS-448-2524
 FTS-558-4264
 FTS-864-4603

NAME OF PROGRAM: Clinton Lake, Kansas

LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): P.L. 87-874

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 62 Flood Damage Abatement
- 4 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- 11 M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- 23 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: The multipurpose reservoir is located four miles southwest of Lawrence, Kansas on the Wakarusa River in Douglas County Kansas.

PURPOSE OR OBJECTIVES: Flood damage abatement; fish and wildlife; municipal, industrial, and rural water; and recreation.

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - 27 _____ Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Douglas Wakarusa River

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
COE		57,000	51,847	3,000	2,153						-	X	X			
Local		6,070														

Agency Contact: Don Hammond
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FIS 258 2504

NAME OF PROGRAM: Emergency Bank Protection, Section 14 of Flood Control Act of 1946

LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): Flood Control Act of 1946, Section 14 as amended by 93-251, Section 21.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 100 Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: "The Secretary of War is hereby authorized to allot from any appropriations heretofore or hereinafter made for flood control, not to exceed \$10,000,000 per year, for the construction, repair, restoration, and modification of emergency streambank and shoreline protection works to prevent damage to highways, bridge approaches, public works, churches, hospitals, schools and other nonprofit public services, when in the opinion of the Chief of Engineers such work is advisable: Provided, that not more than \$250,000 shall be allotted for this purpose at any single locality from the appropriations for any one fiscal year."

PURPOSE OR OBJECTIVES: Work under this authority shall serve to prevent flood damage to endangered highways, highway bridge approaches, and other essential, important, public works for the general public use of a similar nature which are endangered by reason of bank erosion in the immediate vicinity thereof. "Public Works" within the meaning of the above cited legislation are considered to be those essential facilities which serve the general public, and are owned and operated by the Federal, State or local government, such as municipal water supply systems and sewage disposal plants. In addition to major highway systems of national importance, eligible highways may also include principal highways, streets, and roads of significant importance to the local community, such as arterial streets, important access routes to other communities and adjacent settlements as well as roads designated as primary farm to market roads.

- SUBREGION(S):** _____
- SUBBASIN(S):**
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
Corps of Engineers	X			245	264	264	264	264	264							

Agency Contact: Don Hammond, COE
James Vodicka

Address: Kansas City, Missouri
Omaha, Ne

Phone: FTS 758-2504
FTS 864-4581

NAME OF PROGRAM: Flood Plain Management Special Study

LEAD AGENCY: Corps of Engr (OE)

AUTHORITY(S): PL-89-80

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To provide an assessment of the physical, institutional, economic and ecological impacts of alternative floodways.

SUBREGION(S):

SUBBASIN(S):

_____	Basinwide
_____	Upper Missouri
_____	Yellowstone
_____	Western Dakotas
_____	Eastern Dakotas
_____	Platte Niobrara
24	X Middle Missouri
_____	Kansas
30	X Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY: Main stem Missouri River

Kansas
Missouri

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Corps of Engineers		25,000														
MRBC		77														

Agency Contact: John Sedovic
Hydrological Engineering Branch

Address: Kansas City, Missouri

Phone: FTS 758-3955

NAME OF PROGRAM: Ft. Scott Lake, Kansas
 LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start
- Deferred

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Deferred for restudy.

PURPOSE OR OBJECTIVES: Flood control, watersupply, recreation.

SUBREGION(S): _____ SUBBASIN(S): _____

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- _____ Middle Missouri
- _____ Kansas
- _____ 29 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Marrnaton River
Bourbon County

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	State	Grant	Local	Other	
COE		758	758														

Agency Contact: Don Hammond Basin Planning Branch Address: Kansas City, Missouri Phone: FTS 758-2504

NAME OF PROGRAM: Gypsum Flood Control Project, Kansas

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): P.L. 87-874, 80-858, and section 205

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 100 Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cul
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institution
- Instream Flows

DESCRIPTION

SUMMARY: Levees and local flood protection for the City of Gypsum, Kansas.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 26 Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Saline

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Conf.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE		1,993	1,584	409	-	-	-	-	-	-	-	X				
Local			278									X				

Agency Contact: Don Hammond
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-2504

NAME OF PROGRAM: Hillsdale Lake, Kansas

LEAD AGENCY: Corps of Engineers (C-2) AUTHORITY(S): P.L. 83-780

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 24 Flood Damage Abatement
- 6 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- 48 M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- 2 Recreation
- Transportation
- 20 Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Multipurpose reservoir.

PURPOSE OR OBJECTIVES: Flood damage abatement; fish and wildlife; municipal, industrial, and rural water; recreation; and water quality management.

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - _____ Kansas
 - _____ 29 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Big Bull Creek
Miami County

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	D	S	G	L	O	
\$1,000																	
COE		58,400	30,086	13,200	7,900	6,400	814						x	x			
Local		19,200															

Agency Contact: Don Hammond
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-2504

NAME OF PROGRAM: Impacts of Navigation and Bank Stabilization

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Study to examine the impacts of channel modification on recreation and water quality.

PURPOSE OR OBJECTIVES:

SUBREGION(S): _____ SUBBASIN(S): _____

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- 23 24 X Middle Missouri
- _____ Kansas
- 30 X Lower Missouri

LOCATION

STATE(S):

- Missouri
- Kansas
- Iowa
- Nebraska

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Corps of Engineers												X				

Agency Contact: Ralph Roza

Address: Omaha, Nebraska

Phone: FTS-864-4579

NAME OF PROGRAM: Kansas and Osage Rivers Water Management Study, Kansas

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Committee on Public Works
U.S. Senate 2 Feb. 1977
Committee on Public Works
and Transportation
U.S. House 10 May 1977

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Water management study.

PURPOSE OR OBJECTIVES: Determine water supply needs; determine nature and extent of salt intrusion problems; and prepare and evaluate alternative solutions.

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - 27 _____ X Kansas
 - 29 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Kansas and Osage River Basins

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE		2,505		500	700	700	605					X				

Agency Contact: Dave Day
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-3674

NAME OF PROGRAM: Kansas City, Kansas River Modification, Kansas

LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): P.L. 87-874

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 100 Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Raising existing levees and floodwalls for additional flood control.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - 27 Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Wyandotte County

STATEWIDE

Funding Source				
D	S	G	L	O
irect	hara	grant	loan	ther
ct	re	t	an	r
	(%)			

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share (%)	Grant	Loan	Other	
COE		28,500	24,169	900	1,100	2,331						-	X	X			
Local		5,820															

Agency Contact: Don Hammond Address: Kansas City, Missouri Phone: FTS 758-2504
Basin Planning Branch

NAME OF PROGRAM: Kansas River and Tributaries, Kansas

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Public Works Committee
Resolution U.S. Senate
17 Oct. 1973; House
11 Apr. 1974

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Study bank erosion and related problems.

PURPOSE OR OBJECTIVES: Determine nature and extent of erosion, especially downstream of existing Corps' lakes; determine which measures, structural or nonstructural, are appropriate.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 25, 26, 27 Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Kansas River and tributaries below Federal reservoirs.

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE		1,805	820	500	485							X				
HCRS			4	8	8											

Agency Contact: Dave Day
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-3674

NAME OF PROGRAM: Kansas River Navigation Project, Kansas

LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): P.L. 89-298 Section 2

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - 27 Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Lower 9.33 miles of Kansas River

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
+COE		5,400	240	80*	150	2,900	2,030					x				
Local		23														
*Reflects funds to be transferred into project																
+Includes GDM costs																

Agency Contact: Don Hammond
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-2504

NAME OF PROGRAM: Marysville Review Report, Kansas

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): 10/10/74 Public Works Committee Resolution

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutiona
- Instream Flows

DESCRIPTION

SUMMARY: Local flood control study.

PURPOSE OR OBJECTIVES: In the study being prepared consideration is given to a wide range of alternative for solving flood problems at Marysville. These included levees, channel improvements, evacuation of the flood plain and flood proofing.

SUBREGION(S): _____

SUBBASIN(S):

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- _____ Middle Missouri
- _____ 27 Kansas
- _____ Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Big Blue River
Spring Creek at Marysville
Marshall County

STATEWIDE

Funding Source

D	S	G	L	O
i	h	r	o	t
r	a	a	a	h
e	r	n	n	e
c	e	t		r
t	(%)			

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
COE		127	127									x				

Agency Contact: Don Hammond
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-2504

NAME OF PROGRAM: Master Plans for Future Development and Operation of Reservoirs

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): 1944 Flood Control Act

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 30 Fish and Wildlife
- Irrigation
- 20 Land Conserv. & Mgmt.
- M&I and Rural Water
- 40 Natural, Hist., & Cult.
- Power and Energy
- 10 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Preparation of master plans to serve as a guide to future operation and development of the project.

- Active Studies:
- Fort Randall- South Dakota
 - Oahe- South Dakota
 - Garrison- North Dakota
 - Fort Peck- Montana
 - Cottonwood Springs -South Dakota
 - Coldbrook- South Dakota
 - Bowman Haley- North Dakota
 - Bear Creek-Colorado

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

- STATE(S):
- Colorado
 - Montana
 - North Dakota
 - South Dakota

COUNTY(S)/VICINITY:

- STATEWIDE

Funding Source

Direct	Share	Grant	Loan	Other
	(%)			

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING \$1,000											Bal. to Complete	Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Direct		Share (%)	Grant	Loan	Other	
Corps of Engineers	X			127	185								X				

Agency Contact: Art Jensen

Address: Omaha, Nebraska

Phone: FTS 864-4602

NAME OF PROGRAM: Melvern and Pomona Lakes - Road Improvements, Kansas

LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): P.L. 93-251, Section 17

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Recreation access roads; planning.

PURPOSE OR OBJECTIVES:

- SUBREGION(S):** _____
- SUBBASIN(S):**
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - _____ Kansas
 - _____ 29 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Osage County

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
+COE		500			10	80	410					x				
Local		214														
+ Includes GDM cost																

Agency Contact: Don Hammond
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-2504

NAME OF PROGRAM: Metropolitan of Kansas City, Missouri and Kansas
 LEAD AGENCY: Corps of Engineer AUTHORITY(S): US Senate Public Works Committee Resolution - 9, March 1971 CE

PL89-72, 89-80 HCRS

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

CE	<input checked="" type="checkbox"/>	Comprehensive
	<input type="checkbox"/>	Flood Damage Abatement
	<input type="checkbox"/>	Fish and Wildlife
	<input type="checkbox"/>	Irrigation
	<input type="checkbox"/>	Land Conserv. & Mgmt.
	<input type="checkbox"/>	M&I and Rural Water
HCRS	<input checked="" type="checkbox"/>	Natural, Hist., & Cult.
	<input type="checkbox"/>	Power and Energy
HCRS	<input checked="" type="checkbox"/>	Recreation
	<input type="checkbox"/>	Transportation
	<input type="checkbox"/>	Water Quality Mgmt.
	<input type="checkbox"/>	Legal and Institutional
HCRS	<input checked="" type="checkbox"/>	Instream Flows

DESCRIPTION

SUMMARY: Devise a water management plan for regional flood control, water supply, quality recreation and navigation. CE
 To identify recreation and leisure time needs, problems and opportunities in the Kansas City Metropolitan area. HCRS

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

_____		Basinwide
_____		Upper Missouri
_____		Yellowstone
_____		Western Dakotas
_____		Eastern Dakotas
_____		Platte Niobrara
24	X	Middle Missouri
27	X	Kansas
29 30	X	Lower Missouri

LOCATION

STATE(S):
 Missouri
 Kansas

COUNTY(S)/VICINITY:
 Platte, Ray, Cass, Jackson, Clay
 Johnson, Leavonworth, Wyandotte

STATEWIDE

Funding Source				
D	S	G	L	O
r	h	r	o	t
e	a	a	a	h
c	r	n	n	e
t	e	t		r
	(%)			

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	
Corps of Engineers		2214	2214*	150							X
USDI, Heritage, Conservation & Recreation Services				6							
*Has been expanded to include consideration of flood plain management in Brush Creek Basin thru FY 80											

Agency Contact: Dave Day, COE HCRS

Address: Basin Planning Branch, Kansas City, Missouri Denver, Colorado

Phone: FTS 758-3674

NAME OF PROGRAM: Missouri River Fish and Wildlife Mitigation Study

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Fish and Wildlife Coordination Act 1958-PL-85-624

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 100 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To identify and analyze opportunities which can be recommended in compensation for fish and wildlife loss caused by construction, operation, and maintenance of a project. Improvement of existing fish and wildlife habitat conditions of the Missouri River. Measures which aid rare and endangered species will be emphasized.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 23 24 Middle Missouri
- Kansas
- 30 Lower Missouri

LOCATION

STATE(S):
Nebraska
Iowa
Kansas
Missouri

COUNTY(S)/VICINITY: All counties bordering main stem Missouri River

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Corps of Engineers*			112	61	0							X				

Agency Contact: Taylor COE
Basin Planning Branch
Doug McDonald

Address: Kansas City, Missouri
Omaha, NE

Phone: FTS 758-3672
FTS 864-4586

*Programming under Missouri River bank stabilization and navigation project.

NAME OF PROGRAM: Missouri River Levee System

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Flood Control Acts of 1941, 1944

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 100 Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: The Missouri River levee system provides flood protection to areas along the Missouri River from Sioux City, Iowa to the mouth.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 23 24 Middle Missouri
- Kansas
- 29 30 Lower Missouri

LOCATION

STATE(S):

- Nebraska
- Iowa
- Kansas
- Missouri

COUNTY(S)/VICINITY: Main stem Missouri

STATEWIDE

FUNDING SOURCE/AGENCY	\$1,000 ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Corps of Engineers		163,000	61,541	5,300	6,000	5,100	5,100	1,071			78,888	X				
Local				17,585												

Agency Contact: Don Hammond - COE Basin Planning Branch
Frank Voss

Address: Kansas City, Missouri
Omaha, NE

Phone: FTS 758-2504
FTS 864-4492

NAME OF PROGRAM: Missouri River Recreation Master Plan

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Rivers and Harbors Act of 1960. Flood Control Act of 1962. Program conducted under navigation study authority.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- 100 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To identify recreation opportunities and CE participation in development of recreation facilities.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 23 24 Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

- Nebraska
- Iowa
- Missouri
- Kansas

COUNTY(S)/VICINITY: Missouri River Mainstem

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Local	Other
Corps of Engineers				25	4							X				

Agency Contact: Pat Gibson COE
Basin Planning Branch
Art Jensen

Address: Kansas City, Missouri
Omaha, Nebraska

Phone: 758-3403
FTS 864-4602

NAME OF PROGRAM: National Dam Safety Program
 LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): PL-92-367

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 100 Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Program is two fold:
 (1) Update national dam inventory
 (2) Fund and administer the inspection of approximately 9000 non-federal dams in high-hazard potential category for downstream damage.

PURPOSE OR OBJECTIVES: To identify potentially hazardous dams so that repairs, modifications or more detailed studies may be made to reduce the risks.
 Dams inspected by state as follows:

	FY-1978	FY1979
Colorado	82	40
Nebraska	20	30
North Dakota	20	15
South Dakota	19	40
Wyoming	19	20
Iowa		
Montana		
Kansas	65	35

SUBREGION(S): **SUBBASIN(S):**

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

- STATE(S):
 Colorado
 Iowa
 Kansas
 Montana
 Nebraska
 North Dakota
 South Dakota
 Wyoming

COUNTY(S)/VICINITY:

STATEWIDE

Funding Source

D	S	G	L	O
i	h	r	a	t
r	a	a	n	h
e	r	n	e	e
c	e	t	r	r
t	(%)			

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source				
	Cont.	Total	78 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share	Grant	Loan	Other
COE - Omaha District	X			597	776	450	NA	NA				X				
COE - Kansas City District	X		522	677	265	265										
COE - Missouri		466	70	198	198											
COE - St. Louis District																

Agency Contact: CE
 Bob Dimmit, CE
 Foundation & Materials Branch
 Jerry Phelan
 Hokens, DE

Address: Omaha, Nebraska
 Kansas City, Missouri
 St. Louis, Missouri
 Omaha, NE

Phone: FTS 864-4579
 FTS 758-2055
 FTS 278-2814
 FTS 864-4444

NAME OF PROGRAM: Onoga Lake, Kansas

LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): P.L. 87-874

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 59 Flood Damage Abatement
- 2 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- 25 M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- 16 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Multipurpose reservoir.

PURPOSE OR OBJECTIVES: Flood damage abatement; fish and wildlife; municipal, industrial, and rural water; and recreation.

- SUBREGION(S): _____
- SUBBASIN(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - 27 Kansas
 - Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Vermillion Creek
Pottawatomie County

STATEWIDE

Funding Source				
D	S	G	L	O
r	h	r	o	t
e	a	a	a	h
c	r	n	n	e
t	e	t		r
	(%)			

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		D	S	G	L	O		
+COE		69,500	1,895	335*	1,500	5,000	12,000					48,770	X					
* Reflects funds to be transferred into project.																		
+ Total costs include GDM costs.																		

Agency Contact: Don Hammond Basin Planning Branch Address: Kansas City, Missouri Phone: FTS 758-2504

NAME OF PROGRAM: Perry Lake Road Improvements, Kansas

LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): P.L. 92-222

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Agmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Improve access to lake and recreation areas.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 27 Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Perry Lake
Jefferson County

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE		5,740	5,340	400								X				

Agency Contact: Don Hammond Basin Planning Branch Address: Kansas City, Missouri Phone: FTS 758-2504

NAME OF PROGRAM: Section 158 Water Resources Development Act of 1976

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Water Resources Development Act of 1976-PL-94-587

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning *
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- 100 Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Assess the current national waterway system and its capacity to meet current and projected transportation needs for commerce and defense purposes.

*Note Missouri River treated as a subsystem of Mississippi system in this study.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Corps of Engineers			10	10	10							X				

Agency Contact: Lyle Marlott
Basin Planning Branch
R. C. Roberts
Chief Economics

Address: Kansas City, Missouri
Missouri River Division
Omaha, NE

Phone: FTS 758-3079
FTS 864-7275

R

NAME OF PROGRAM: Section 167 Water Resources Development Act of 1976

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Water Resources Development Act of 1976

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- 100 Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: The Secretary of the Army, acting through the Chief of Engineers, is authorized and directed to conduct a study of the most efficient methods of utilizing the hydro-electric power resources at water resources development projects under the jurisdiction of the Secretary of the Army and to prepare a plan based upon the findings of such a study. The study is being conducted by the Office of the Chief of Engineers with assistance from the Engineering Districts.

PURPOSE OR OBJECTIVES: Determine potential for power generation at all existing and potential dam sites.

SUBREGION(S): _____ SUBBASIN(S): _____

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
Corps of Engineers			10,000	* (to be determined by									X			

Agency Contact: Paul Jensen
Basin Planning Branch
Howard Thelen

Address: Kansas City, Missouri
Omaha, NE

Phone: FTS 758-3062
FTS 864-4432

NAME OF PROGRAM: Section 205 of Flood Control Act of 1948

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Section 205 of Flood Control Act of 1948 as amended by Section 205 of Flood Control Act of 1962 (PL-87-984) and Section 61 of the Water Resources Development Act of 1974.

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 100 Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Small Flood Control Projects. Section 205 of the 1948 Flood Control Act as amended by Section 205 of the 1962 Flood Control Act (P.L. 87-874) and Section 61 of the Water Resources Development Act of 1974 provides authority to the Chief of Engineers to construct small projects for flood control and related purposes that have not already been specifically authorized by Congress. The Federal share in these projects nationwide cannot exceed \$30 million annually. Each project selected must be complete in itself, economically and environmentally justified, and limited to a Federal cost of not more than \$2 million; except that in the case where a project is designed to protect an area which has been declared to be a major disaster area by the President in the last five years, the Federal cost is limited to \$3 million, providing the project is approved for construction within 5 years after the disaster declaration date. The local sponsoring agency must agree to provide without cost to the United States all lands, easements, and rights-of-way, including highway, highway bridge, and utility relocations and alterations; hold and save the United States free from damages, maintain and operate the project after completion; assume all project costs in excess of the Federal cost limit; and prevent future encroachments on improved channels.

SUBREGION(S):
 SUBBASIN(S):
 Basinwide
 Upper Missouri
 Yellowstone
 Western Dakotas
 Eastern Dakotas
 22 X Platte Niobrara
 24 X Middle Missouri
 Kansas
 Lower Missouri

LOCATION

STATE(S): Iowa
 Nebraska
 Kansas
 Missouri

COUNTY(S)/VICINITY:
 Montgomery - Red Oak, Iowa
 Thurston - Pender, NE
 STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Other	
COE, Red Oak, IA	x		58	30	400	100	0	0								
COE, Pender, NE		1,730	865	0	0	0	0	0				x				
COE, Prairie & Silver Cr. Grand Island, NE			30	90	0	0	0	0				x				

Agency Contact: Don Hammond, COE Basin Planning Branch James Vodica
 Address: Kansas City, MO Omaha, NE
 Phone: FTS 864-4581

NAME OF PROGRAM: Section 208 of Flood Control Act of 1954

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): PL-780 Flood Control Act of 1954

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 100
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Snagging and Clearing Projects for Flood Control. Section 208 of the Flood Control Act of 1954 (P.L. 780, 83d Congress), as amended by Section 26 of the Water Resources Development Act of 1974, authorizes clearing and straightening of stream channels and the removal of accumulated snags and other debris in the interest of flood control. Each project selected must be economically justified, and environmentally acceptable. The maximum Federal expenditure per project is limited to \$250,000. A Section 208 project is designed to be complete in itself and not require additional work for effective flood control. The local sponsoring agency must agree to provide without cost to the United States all lands, easements, rights-of-way, and all required alterations and relocations in utility facilities; hold and save the United States free from damages; maintain the project upon completion; assume all project costs in excess of \$250,000; and provide a cash contribution toward construction costs where "windfall" land enhancement or other special benefits would accrue. The cash contribution, where required, is computed in accordance with existing policies for regularly authorized projects.

PURPOSE OR OBJECTIVES:

Currently no active studies under this authority.

SUBREGION(S): **SUBBASIN(S):**

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bat. to Complete	Direct	Share	Grant	Local	Other
COE	X			20	20	20	20	20				x				

Agency Contact: Don Hammond, (COE)
James Vodicka

Address: Kansas City, Missouri
Omaha, Nebraska

Phone: FTS 758-2504
FTS 864-4581

NAME OF PROGRAM: Section 404 Permit Program

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Section 404 of the Federal Water Pollution Control Act, as amended

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Section 404 of the Federal Water Pollution Control Act as amended, prohibits the discharge of dredged or fill material into the waters of the United States unless the discharge has been recommended by the Chief of Engineers and authorized by the Secretary of the Army.

PURPOSE OR OBJECTIVES: The Department of the Army acting through the corps of engineers is responsible for administering Federal laws regulating the discharge of dredged or fill material into the waters of the United States. The Regulatory Program of the Corps of Engineers was published on July 19, 1977. That Federal register prescribed the special policies and procedures to be followed in the evaluation of permit applications for the discharge of dredged or fill material into the waters of the United States.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

- STATE(S): Colorado
Iowa
Kansas
Minnesota
Missouri
Montana
Nebraska
North Dakota
South Dakota
Wyoming

COUNTY(S)/VICINITY: Waters of the United States

STATEWIDE

Funding Source

D	S	G	L	O
i	h	r	o	t
r	a	a	a	n
e	r	n	n	e
c	e	t		r

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share (%)	Grant	Loan	Other
Corps of Engineers	X			3,958	2,140	2,140	2,140	2,140	2,140			X				

Agency Contact: Mej Jewett, COE Regulatory Functions Branch

Address: Kansas City, Missouri Omaha, NE

Phone: FTS 864-4133

NAME OF PROGRAM: Stranger Creek Basin, Kansas

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Committee on Public Works
U.S. Senate Resolution
12 May 1976

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Study for flood control, water supply, and recreation development.

PURPOSE OR OBJECTIVES: Identify flood control, water supply, and recreation needs within the basin and formulate plans capable of alleviating defined needs.

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24 _____ X Middle Missouri
 - 27 _____ X Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Leavenworth
Atchinson
Jefferson

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE		555	30	210	175	140						X				

Agency Contact: Dave Day
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-3674

NAME OF PROGRAM: Supplemental recreation facilities at Corps of Engineers Reservoir

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Section 4 of Flood Control Act of 1944 Federal Water Project Recreation Act of 1965 (PL-89-72)

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Upgrading of previously constructed recreational facilities at 11 operating lake projects in 4 states:

- Iowa - 1
- Kansas-7
- Missouri-2
- Nebraska- 1

Upgrading is also being completed in the states of Montana, South Dakota, and North Dakota

PURPOSE OR OBJECTIVES: To provide new or replacement recreational facilities in public use areas that have experienced heavy visitation.

- SUBREGION(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S):

- Iowa
- Kansas
- Missouri
- Nebraska
- Montana
- North Dakota
- South Dakota

COUNTY(S)/VICINITY:

STATEWIDE

Funding Source				
D	S	G	L	O
r	h	r	o	t
e	a	a	a	h
c	r	n	n	e
t	e	t	e	r
	(%)			
X				

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		
Corps of Engineers		6895	4614	557	124	1600						

Agency Contact: Jerry Britton, COE Design Branch Jim Scripser

Address: Kansas City, Missouri Omaha, NE

Phone: FTS 758-5552 FTS 864-4468

NAME OF PROGRAM: Tuttle Creek Lake, Kansas - Road and Bridge (1976 Act)

LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): P.O. 94-587, Section 18

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutiona
- Instream Flows

DESCRIPTION

SUMMARY: Lake access.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 27 Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Tuttle Creek Lake
Marshall County

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE		630	0	35	25	300	270					X				

Agency Contact: Don Hammond
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-2504

NAME OF PROGRAM: Tuttle Creek Reservoir Archaeological Survey and Salvage, Kansas

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): Antiquities Act 1906,
Salvage Act 1960
P.L. 93-291 and Executive
Order 11593

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Archaeological survey and salvage (NPS/Smithsonian); cultural resources management plan; and historical survey.

PURPOSE OR OBJECTIVES: Identification and administration of cultural resources in accordance with ER 1105-2-460 (to implement P.L. 93-291 and E.O. 11593).

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 27 Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Marshall
Riley
Pottawattomie

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE		18														
NPS		4	28	7.7	88	150	112	35								

Agency Contact: M. Comstock
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-5063

NAME OF PROGRAM: Tuttle Creek Road Improvement, Kansas

LEAD AGENCY: Corps of Engineers (COE)

AUTHORITY(S): P.L. 93-251, Section 18

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Preconstruction planning - road access.

PURPOSE OR OBJECTIVES: To improve a portion of FAS 1208 road extending from the intersection with Kansas State Highway in Section 5, township 9 south, range 8 east, thence north and west to the intersection with county road in Section 14, township 8 south, range 7 east, approximately 5.78 miles.

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - 27 _____ X Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Pottawattomie

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	State	Grant	Local	Other
COE		500	3	50	300	147						X				
Local		214														

Agency Contact: Don Hammond
Basin Planning Branch

Address: Kansas City, Missouri

Phone: FTS 758-2504

NAME OF PROGRAM: Wolf-Coffey Lake, Kansas
 LEAD AGENCY: Corps of Engineers (COE) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start
- Inactive

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Preconstruction planning for multipurpose reservoir.

PURPOSE OR OBJECTIVES: Flood damage abatement and recreation.

SUBREGION(S):	SUBBASIN(S):
_____	Basinwide
_____	Upper Missouri
_____	Yellowstone
_____	Western Dakotas
_____	Eastern Dakotas
_____	Platte Niobrara
_____	Middle Missouri
27	X Kansas
30	X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Blue River southwest of Kansas City, Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
COE		1,900	1,445	350	450							X				

Agency Contact: Don Hammond Basin Planning Branch Address: Kansas City, Missouri Phone: FTS 758-2504

NAME OF PROGRAM: High Plains Study

LEAD AGENCY: United States Department of Commerce/Economic Development Administration (EDA) AUTHORITY(S):

PL-587 Sec. 193 CE

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Economic study of changing water levels - Availability and importation - Ogallala Formation - EDA
Interbasin Water Transfer Study - CE

PURPOSE OR OBJECTIVES: Study alternatives for recharging the Ogallala Aquifer- CE

SUBREGION(S): _____
SUBBASIN(S):
 _____ Basinwide
 _____ Upper Missouri
 _____ Yellowstone
 _____ 12,14, _____ X Western Dakotas
 _____ Eastern Dakotas
 _____ 15,18,20,21 _____ X Platte Niobrara
 _____ Middle Missouri
 _____ 25,26 _____ X Kansas
 _____ Lower Missouri

LOCATION

STATE(S): _____ **COUNTY(S)/VICINITY:** _____
 Colorado
 Kansas
 Nebraska

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
EDA - USDC				3,000								X				
CE		36	15	21								X				

Agency Contact: Elroy Balke
Regional Hydrologist NWS

Address: USDC NOAA National Weather Service, Central Region
Room 1836
601 East 12th Street
Kansas City, MO 64108

Phone: FTS-758-3229

CE

Omaha District

NAME OF PROGRAM: Data Archiving and Publication

LEAD AGENCY: United States Department of Commerce/Environmental Data Service (EDS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Collect, process and disseminate meteorological, hydrologic and climatological data.

PURPOSE OR OBJECTIVES: Collection, Archiving and Publication

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
EDS - USDC																
Colorado	X			14								X				
Iowa	X			11								X				
Kansas	X			48								X				
Minnesota	X			4								X				
Missouri	X			41								X				
Montana	X			75								X				
Nebraska	X			77								X				
North Dakota	X			28								X				
South Dakota	X			56								X				
Wyoming	X			34								X				

Agency Contact: Elroy Balke
Regional Hydrologist, NWS

Address: USDC NOAA - National Weather Service Central Region
Room 1836
601 East 12th Street
Kansas City, MO 64108

Phone: FTS-758-3229

NAME OF PROGRAM: Agricultural Weather Service

LEAD AGENCY: United States Department of Commerce/National Weather Service (NWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Provide agriculture with specialized weather services including observations, forecasts, and warnings to improve agricultural efficiency.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
NWS	X	165		101	165	165	165	165	165	165						

Agency Contact: Elroy C. Balke
Regional Hydrologist

Address: National Weather Service Central Region
Room 1836, 601 E. 12th St.
Kansas City, MO 64106

Phone: FTS 758-3229

NAME OF PROGRAM: Aviation Weather

LEAD AGENCY: United States Department of Commerce/National Weather Service (NWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Provide aviation area route and terminal forecast information for safe and efficient operation.

- SUBREGION(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri
- SUBBASIN(S):

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
NWS	X	2,050		2,050	2,050	2,050	2,050	2,050	2,050	2,050						

Agency Contact: Elroy C. Balke
Regional Hydrologist

Address: National Weather Service Central Region
Room 1836, 601 E. 12th St.
Kansas City, MO 64106

Phone: FTS 758-3229

NAME OF PROGRAM: Basic Observations

LEAD AGENCY: United States Department of Commerce/National Weather Service (NWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Provide weather data for meteorologist, climatologists, aviation, forestry organizations, etc. in support of weather and river forecast and warning services includes synoptic surface observations, upper air, radar, automatic station, hydrologic, and climatologic substations, etc.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
NWS	X	4,300		4,300	4,300	4,300	4,300	4,300	4,300	4,300						

Agency Contact: Elroy C. Balke
Regional Hydrologist

Address: National Weather Service Central Region
Room 1836, 601 E. 12th St.
Kansas City, MO 64106

Phone: FTS 758-3229

NAME OF PROGRAM: Fire Weather and Air Pollution Weather Service

LEAD AGENCY: United States Department of Commerce/National Weather Service (NWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Effective operational meteorological support to local, State, and Federal programs for controlling and combating air pollution; public advice; and disseminate fire weather forecasts, warnings, and advisories to fire control and forest management agencies.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	State (%)	Grant	Local	Other
NWS		130		130	130	130	130	130	130	130						

Agency Contact: Elroy C. Balke
Regional Hydrologist

Address: National Weather Service Central Region
Room 1836, 601 E. 12th St.
Kansas City, MO 64106

Phone: FTS 758-3229

NAME OF PROGRAM: National Weather Service Central Region, Engineering, Communications, Facilities, Support and Program Management

LEAD AGENCY: U.S. Department of Commerce, National Weather Service AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Agml.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
NWS	X	4,785		4,785	4,785	4,785	4,785	4,785	4,785	4,785						

Agency Contact: Elroy Balke
Regional Hydrologist, NWS

Address: USDC NOAA - National Weather Service Central Region
Room 1836
601 East 12th Street
Kansas City, MO 64108

Phone: FTS 758-3229

NAME OF PROGRAM: Public Weather

LEAD AGENCY: United States Department of Commerce/National Weather Service (NWS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Current weather forecasts and warnings providing them to the news media, to contribute to the safety and welfare and to meet the needs for weather information in all sections of the economy.

SUBREGION(S): _____ SUBBASIN(S): _____

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
NWS	X	3,250		3,250	3,250	3,250	3,250	3,250	3,250	3,250						

Agency Contact: Elroy C. Balke
Regional Hydrologist

Address: National Weather Service Central Region
Room 1836, 601 E. 12th St.
Kansas City, MO 64106

Phone: FTS 758-3229

NAME OF PROGRAM: River and Flood Forecasting and Warning

LEAD AGENCY: United States Department of Commerce/National Weather Service (NWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Provide river and flood forecasts and flood warnings to the public and water operational agencies.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
NWS		600														

Agency Contact: Elroy C. Balke
Regional Hydrologist

Address: National Weather Service Central Region
Room 1836, 601 E. 12th St.
Kansas City, MO 64106

Phone: FTS 758-3229

NAME OF PROGRAM: Basic Planning Support

LEAD AGENCY: U.S. Department of Energy (DOE)/Federal Energy Regulatory Commission (FERC) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- 100 Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Basic planning support for action agencies.

- SUBREGION(S): _____
- SUBBASIN(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
FERC	X		13	13	13	13	13									

Agency Contact: Bernard Murphy
Regional Engineer

Address: Federal Building, Room 3130
230 S. Dearborn St.
Chicago, IL 60604

Phone: FTS 353-6171

NAME OF PROGRAM: National Uranium Resource Evaluation
 LEAD AGENCY: Department of Energy (DOE) AUTHORITY(S): P.L. 95-96

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Aerial radiometric surveys, hydrogeochemical stream and sediment collection and analysis, and quadrangle assessment studies.

PURPOSE OR OBJECTIVES: Total National Uranium Resource Evaluation.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
CO			18	321	521	323	306	267				X				
IA			10	177	288	188	169	103				X				
KS			26	460	748	420	437	265				X				
MN			1	18	30	20	18	11				X				
MO			24	435	694	452	408	248				X				
MT			26	1,323	1,908	1,404	1,260	766				X				
NE			47	832	1,352	850	793	481				X				
ND			26	477	776	456	454	276				X				
SD			51	887	1,442	941	845	513				X				
NY TOTAL			47	617	1,346	878	788	480				X				
			326	5,547	9,105	5,932	5,778	2,410								

Agency Contact: Frank M. Eckerson
 Project Officer-Information System
 NURE Project Office

Address: Department of Energy
 Division of Regional Assessments
 Washington, DC 20545

Phone: (202) 353-4421
 FTS 233-4421

NAME OF PROGRAM: Clean Lakes Program

LEAD AGENCY: Environmental Protection Agency (EPA) AUTHORITY(S): P.L. 92-500, Sections 314 and 104(h)

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Inventory eutrophre status of lakes and implement methods and procedures to control sources of pollution and to restore lake quality.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): Minnesota COUNTY(S)/VICINITY: _____
Missouri
South Dakota

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
EPA													70%			
MN Pollution Cont. Agency													30%			
EPA - Missouri		1,919	599	480	480	360							50%			
EPA - South Dakota		142	142		100											

Agency Contact: Harlan D. Hirt
Dale B. Parke
Debbie Patterson

Address: Region V, Chicago, IL
Region VII, Kansas City, MO
Region VIII, Denver, CO

Phone: FTS 353-0349
FTS 7586391
FTS 327-4831

NAME OF PROGRAM: Pesticides Support Grants
 LEAD AGENCY: Environmental Protection Agency (EPA) AUTHORITY(S): PL-92-516

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Grants are for implementing state programs for training, testing, and certification of private and commercial pesticide applicators that will be allowed to use restricted use pesticides. Programs involve training by State Cooperative Extension Service and certification by State Departments of Agriculture, with funding to each agency.

PURPOSE OR OBJECTIVES: To provide for the safe and effective use of pesticides.

- SUBREGION(S): _____
 SUBBASIN(S):
 Basinwide
 _____ Upper Missouri
 _____ Yellowstone
 _____ Western Dakotas
 _____ Eastern Dakotas
 _____ Platte Niobrara
 _____ Middle Missouri
 _____ Kansas
 _____ Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____
 STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	1978 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Local	Other
Colorado																
Iowa			834.3	40												
Kansas			444.7	39.1												
Minnesota																
Missouri			557.4	56.3												
Montana																
Nebraska			367.8	41.0												
North Dakota																
South Dakota																
Wyoming																

Agency Contact: Dale B. Parke Address: Region VII, Kansas City, Missouri Phone: FTS 758-6391
 Gene Reetz Region VIII, Denver FTS 327-4963
 Harlan Hirt Region V, Chicago 353-0349

NAME OF PROGRAM: Safe Drinking Water Act
 LEAD AGENCY: Environmental Protection Agency (EPA) AUTHORITY(S): PL - 93-523

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Establish regulations and procedures for development and administration of public water systems.

PURPOSE OR OBJECTIVES: To protect public health to the extent feasible using technology, treatment, and other means. Taking cost into consideration.

- SUBREGION(S): _____
- SUBBASIN(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	78 Budget	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Local	Other
EPA - Colorado	X		341.3	360.6								X				
EPA - Iowa	X		345	435	435							X				
EPA - Kansas	X		287	367	367							X				
EPA - Minnesota	X		456.4	468.4								X				
EPA - Missouri	X		0	498	498							X				
EPA - Montana	X		237.5	264								X				
EPA - Nebraska	X		220	273	273							X				
EPA - North Dakota	X		233.5	264								X				
EPA - South Dakota	X			246								X				
EPA - Wyoming	X			264								X				

Agency Contact: Dale B. Parke
 Gene Reetz
 Harland D. Hirt

Address: Region VII, Kansas City, Missouri
 Region VIII, Denver, Colorado
 Region V, Chicago, Illinois

Phone: 758-6391
 327-4963
 353-0349

NAME OF PROGRAM: Safe Drinking Water Act

LEAD AGENCY: Environmental Protection Agency (EPA)

AUTHORITY(S):

PL 93.523

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Establish regulations and procedures for development and administration of public water systems.

PURPOSE OR OBJECTIVES: To protect public health to the extent feasible using technology, treatment, and other means. Taking cost into consideration.

SUBREGION(S):

- SUBBASIN(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - 24 Middle Missouri
 - 25, 26, 27 Kansas
 - 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
EPA - Kansas	X		287	367	367	364*	394*									
Kansas Dept. of Health & Environment* incorporated under Kansas Bureau of Water Supply																

Agency Contact: Walter Robohn
Environmental Protection Agency

Address: Region VII
Kansas City, Missouri

Phone: 758-6391

NAME OF PROGRAM: State Program Grant
 LEAD AGENCY: Environmental Protection Agency (EPA) AUTHORITY(S):

PL 92-500
 Section 106

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Grant Program administered by EPA to assist operation of State environmental agency.

PURPOSE OR OBJECTIVES: To assist State in handling program for the prevention of reduction and elimination of pollution including uniform improvement of environmental quality

- SUBREGION(S): _____ SUBBASIN(S): _____
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	1978 Budget	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Local	Other
EPA - Colorado			491.7	491.7									75/25			
EPA - Iowa			762	762									75/25			
EPA - Kansas			552	552									75/25			
EPA - Minnesota			1,238.5	1,238.5									75/25			
EPA - Missouri			923.5	923.5									75/25			
EPA - Montana			359.5	359.5									75/25			
EPA - Nebraska			603	603									75/25			
EPA - North Dakota			226.7	226.7									75/25			
EPA - South Dakota			223.6	223.6									75/25			
EPA - Wyoming			171.6	171.6									75/25			

Agency Contact: Dale B. Parke
 Regional Office Coordinator, MRBC

Address: Region VII Kansas City, MO

Phone: FTS 758-6391

Gene Reetz
 Harlan Hirt

Region VIII Denver, CO
 Region V Chicago, IL

327-4963
 353-0349

NAME OF PROGRAM: Statewide Solid Waste Management Planning
 LEAD AGENCY: Environmental Protection Agency (EPA) AUTHORITY(S): PL 94-580

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Develop a plan to provide for collection and disposal of solid waste and to avoid pollution of surface and ground water

PURPOSE OR OBJECTIVES: To promote the protection of health and the environment and to conserve valuable material and energy resources

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

Funding Source				
D	S	G	L	O
i	h	r	a	t
r	a	a	n	h
e	r	n	a	e
c	e	t		r
t	(%)			

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source							
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		D	S	G	L	O			
EPA - Colorado			178.3	266.3															
EPA - Iowa			187	146															
EPA - Kansas			148	116															
EPA - Minnesota																			
EPA - Missouri			309	242															
EPA - Montana			71.7	142.1															
EPA - Nebraska			98	77															
EPA - North Dakota			84.7	131															
EPA - South Dakota			71.5	131															
EPA - Wyoming			84.2	131															

Agency Contact: Dale B. Parke
 Gene Reetz, EPA
 Harlan D. Hirt, EPA

Address: Region VII Kansas City, MO
 Region VIII Denver, CO
 Region V Chicago, IL

Phone: FTS 758-6391
 327-4963
 353-0349

NAME OF PROGRAM: Surface Improvements Assessment

LEAD AGENCY: Environmental Protection Agency (EPA)

AUTHORITY(S): P.L. 93-523
P.L. 94-580

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- 50% M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- 50 Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Define a program to control pollution from pits, ponds, and lagoons

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): _____

COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	\$1,000											ESTIMATED PROGRAM FUNDING					Funding Source				
	Cont.	Total	78 Budget	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other					
EPA Iowa			50																		
EPA Kansas			94.3																		
EPA Minnesota			66.3	66																	
EPA Missouri			93.9																		
EPA Nebraska			50																		

Agency Contact: Dale B. Parke
Harlan Hirt
Gene Reetz

Address: Region VII Kansas City, Mo.
Region V Chicago, Ill.
Region VIII Denver, CO

Phone: FTS-758-6391
FTS-353-0349
FTS 327-4963

NAME OF PROGRAM: Wastewater Treatment Facility Grants

LEAD AGENCY: Environmental Protection Agency (EPA)

AUTHORITY(S): PL 92-500
Sec. 201

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

**PROGRAM PURPOSES
(Percent)**

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Grant Program to assist local agencies in the planning and construction of wastewater treatment management facilities.

PURPOSE OR OBJECTIVES: Removal of pollutants before discharge.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	- Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
EPA - Colorado	X			41,341.5									X			
EPA - Iowa	X			58,288.5									X			
EPA - Kansas	X			39,614									X			
EPA - Minnesota	X			84,110									X			
EPA - Missouri	X			112,306.5									X			
EPA - Montana	X			15,624									X			
EPA - Nebraska	X			24,772									X			
EPA - North Dakota	X			13,981.5									X			
EPA - South Dakota	X			16,798.5									X			
EPA - Wyoming	X			13,513.5									X			

Agency Contact: Dale B. Parke
Gene Reetz
Harlan D. Hirt

Address: Region VII Kansas City, MO
Region VIII Denver, CO
Region V Chicago, IL

Phone: FTS 758-6391
327-4963
353-0349

NAME OF PROGRAM: Kansas City Areawide Waste Treatment

LEAD AGENCY: Environmental Protection Agency (EPA) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start
- Completed

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: To provide a coordinated waste treatment management system for the Kansas City SMST

PURPOSE OR OBJECTIVES:

SUBREGION(S):	SUBBASIN(S):
_____	Basinwide
_____	Upper Missouri
_____	Yellowstone
_____	Western Dakotas
_____	Eastern Dakotas
_____	Platte Niobrara
24 _____	X Middle Missouri
27 _____	X Kansas
30 _____	X Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Leavenworth
Wyandotte
Johnson

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other	
EPA		700	700											X			

Agency Contact: Walter F. Robohn
Regional Office Coordinator, MRBC

Address: 1735 Baltimore, Room 249
Kansas City, MO 64108

Phone: FTS 758-6391

NAME OF PROGRAM: Water and Wastewater Systems on Indian Reservations

LEAD AGENCY: Department of Health, Education, and Welfare/Indian Health Service (IHS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Water and Wastewater systems on Indian Reservations

PURPOSE OR OBJECTIVES: Continuation of programs whereby federal agencies assist the Tribes and Indian people to secure water systems to bring an adequate supply of quality water to reservation communities and homesteads from surface and ground water sources. Projects will vary from exclusively Indian to non-Indian projects serving a limited number of Indian families. Most projects will involve both Indian and non-Indian areas.

- SUBREGION(S): _____ SUBBASIN(S): _____
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: Indian Reservations

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	78 To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
IHS Kansas		1,944	333.6													
IHS Montana		12,952	3,107													
IHS Nebraska		2,149	683.8													
IHS North Dakota		3,241	1,218													
IHS South Dakota		15,490	9,032													
IHS Wyoming		4,104														

Agency Contact: Keith Sherer PC
Chief, Sanitation Facilities
Construction Branch

Address: USHEW
Public Health Service
Health Services Administration
Rockville, Maryland 20857

Phone: _____

NAME OF PROGRAM: Flood Insurance Studies

LEAD AGENCY: Department of Housing and Urban Development/Federal Insurance Admin. (FIA) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: The detailed flood insurance studies provide the technical information on which to base flood plain management for community participation in the regular phase of the National Flood Insurance Program. Thus the potential for future flood damage is decreased. Actuarial (based on risk) insurance rates are also established in the studies.

PURPOSE OR OBJECTIVES: The program objective is to identify flood-prone areas and ultimately bring about a reduction in both the future flood damage and the outlay of Federal funds for flood disaster assistance.

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - _____ Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING \$1,000										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
HUD-FIA	X											X				

Agency Contact: Richard Leonard Address: Federal Insurance Administration HUD Kansas City, Missouri Phone: FTS-758-6393

HUD FLOOD INSURANCE STUDIES

Kansas

<u>Community</u>	<u>Contract Started</u>	<u>FIA Control Office Due</u>	<u>Actual or Estimated FIRM**</u>
Detailed Study with Floodway			
City of Abilene (Dickinson Co.)	6-17-76	1-17-78	3-29-78
City of Atchison (Atchison Co.)	6-22-76	12-22-77	12-1-77
City of Auburn (Shawnee Co.)	9-15-77	5-15-78	
City of Baldwin City (Douglas Co.)	3-8-76	12-30-77	
City of Bonner Springs (Wyandotte Co.)	1-2-76	7-1-77	
City of Chapman (Dickinson Co.)	6-17-76	1-17-78	
City of Colby (Thomas Co.)	6-17-76	1-17-78	
City of Countryside (Johnson Co.)	1-2-76	7-1-77	
City of Desoto (Johnson Co.)	1-15-77	11-15-77	
Doniphan County *(Doniphan Co.)	6-22-76	12-22-77	2-1-78
Douglas County *	3-8-76	2-28-78	
City of Easton (Leavenworth Co.)	1-15-77	3-1-78	
City of Edgerton (Johnson Co.)	1-15-77	12-15-77	
City of Edwardsville (Wyandotte Co.)	1-2-76	7-1-77	3-29-78
Ellis County	9-16-77	6-1-78	
City of Ellis (Ellis Co.)	6-17-76	6-1-78	
City of Elwood (Doniphan Co.)	6-22-76	12-22-77	
City of Eudora (Douglas Co.)	3-8-76	1-30-78	
City of Fort Scott (Bourbon Co.)	6-22-76	12-22-77	3-1-78
City of Hays (Ellis Co.)	6-17-76	6-1-78	
City of Independence (Montgomery Co.)	6-22-76	12-22-77	
Johnson County	3-1-77	5-1-78	
City of Junction City (Geary Co.)	6-17-76	1-17-78	3-29-78
City of Kansas City (Wyandotte Co.)	1-2-76	7-1-77	
City of Lansing (Leavenworth Co.)	1-15-77	8-1-78	
City of Lawrence (Douglas Co.)	9-15-75	10-1-77	
Leavenworth County *	1-15-77	3-15-78	
City of Leawood (Johnson Co.)	11-1-72	6-30-73	3-30-77
City of LeCompton (Douglas Co.)	3-8-76	4-30-78	
City of Linwood (Leavenworth Co.)	1-15-77	4-1-78	
Lyon County*	4-30-77	10-30-78	
City of Manhattan (Pottawatomie and Riley)	3-1-76	2-28-78	
City of Marquette (McPherson Co.)	6-17-76	1-17-78	2-1-78
City of Mission Hills (Johnson Co.)	1-2-76	7-1-77	3-29-78
City of New Cambria (Saline Co.)	6-17-76	4-1-78	
City of Ogden (Riley Co.)	3-1-76	5-30-78	
City of Olathe (Johnson Co.)	12-15-74	1-1-76	
City of Perry (Jefferson Co.)	3-1-76	11-1-77	
City of Prairie Village (Johnson Co.)	1-2-76	7-1-77	3-29-78
Riley County*	3-1-76	5-30-78	
City of Riley (Riley Co.)	3-1-76	5-30-78	
City of Roeland Park (Johnson Co.)	1-2-76	7-1-77	
City of Rossville (Shawnee Co.)	3-1-76	10-1-77	
City of Salina (Saline Co.)	6-17-76	4-1-78	
Saline County*			
City of Scandia (Republic Co.)	6-17-76	1-17-78	

* Unincorporated Areas Only

** Flood Insurance Rate Map

HUD FLOOD INSURANCE STUDIES

<u>Community</u>	<u>Contract Started</u>	<u>FIA Control Office Due</u>	<u>Actual or Estimated FIRM**</u>
Detailed Study with Floodway			
Shawnee County	9-15-77	11-15-79	
City of Shawnee (Johnson Co.)	1-2-76	7-1-77	
City of Silver Lake (Shawnee Co.)	9-15-77	5-15-78	
City of Solomon (Dickinson Co.)	6-17-76	1-17-78	
City of St. Marys (Pottawatomie Co.)	3-1-76	10-1-77	
City of Tonganoxie (Leavenworth Co.)	1-15-77	6-1-78	
City of Topeka (Shawnee Col)	1-15-77	4-15-78	
City of Wamego (Pottawatomie Co.)	3-1-76	2-1-78	
City of Westwood (Johnson Co.)	1-2-76	7-1-77	
City of Willard (Shawnee Co.)	9-15-77	5-15-78	
Wyandotte County*	3-1-77	10-1-77	
10 City of Fairway (Johnson Co.)	11-16-70	3-1-71	

* Unincorporated Areas Only
 ** Flood Insurance Rate Map

HUD FLOOD INSURANCE STUDIES

Kansas

<u>Community</u>	<u>Contract Started</u>	<u>FIA Control Office Due</u>	<u>Actual or Estimated FIRM**</u>
Detailed Study with Floodway			
City of Abilene (Dickinson Co.)	6-17-76	1-17-78	3-29-78
City of Atchison (Atchison Co.)	6-22-76	12-22-77	12-1-77
City of Auburn (Shawnee Co.)	9-15-77	5-15-78	
City of Baldwin City (Douglas Co.)	3-8-76	12-30-77	
City of Bonner Springs (Wyandotte Co.)	1-2-76	7-1-77	
City of Chapman (Dickinson Co.)	6-17-76	1-17-78	
City of Colby (Thomas Co.)	6-17-76	1-17-78	
City of Countryside (Johnson Co.)	1-2-76	7-1-77	
City of Desoto (Johnson Co.)	1-15-77	11-15-77	
Doniphan County *(Doniphan Co.)	6-22-76	12-22-77	2-1-78
Douglas County *	3-8-76	2-28-78	
City of Easton (Leavenworth Co.)	1-15-77	3-1-78	
City of Edgerton (Johnson Co.)	1-15-77	12-15-77	
City of Edwardsville (Wyandotte Co.)	1-2-76	7-1-77	3-29-78
Ellis County	9-16-77	6-1-78	
City of Ellis (Ellis Co.)	6-17-76	6-1-78	
City of Elwood (Doniphan Co.)	6-22-76	12-22-77	
City of Eudora (Douglas Co.)	3-8-76	1-30-78	
City of Fort Scott (Bourbon Co.)	6-22-76	12-22-77	3-1-78
City of Hays (Ellis Co.)	6-17-76	6-1-78	
City of Independence (Montgomery Co.)	6-22-76	12-22-77	
Johnson County	3-1-77	5-1-78	
City of Junction City (Geary Co.)	6-17-76	1-17-78	3-29-78
City of Kansas City (Wyandotte Co.)	1-2-76	7-1-77	
City of Lansing (Leavenworth Co.)	1-15-77	8-1-78	
City of Lawrence (Douglas Co.)	9-15-75	10-1-77	
Leavenworth County *	1-15-77	3-15-78	
City of Leawood (Johnson Co.)	11-1-72	6-30-73	3-30-77
City of LeCompton (Douglas Co.)	3-8-76	4-30-78	
City of Linwood (Leavenworth Co.)	1-15-77	4-1-78	
Lyon County*	4-30-77	10-30-78	
City of Manhattan (Pottawatomie and Riley)	3-1-76	2-28-78	
City of Marquette (McPherson Co.)	6-17-76	1-17-78	2-1-78
City of Mission Hills (Johnson Co.)	1-2-76	7-1-77	3-29-78
City of New Cambria (Saline Co.)	6-17-76	4-1-78	
City of Ogden (Riley Co.)	3-1-76	5-30-78	
City of Olathe (Johnson Co.)	12-15-74	1-1-76	
City of Perry (Jefferson Co.)	3-1-76	11-1-77	
City of Prairie Village (Johnson Co.)	1-2-76	7-1-77	3-29-78
Riley County*	3-1-76	5-30-78	
City of Riley (Riley Co.)	3-1-76	5-30-78	
City of Roeland Park (Johnson Co.)	1-2-76	7-1-77	
City of Rossville (Shawnee Co)	3-1-76	10-1-77	
City of Salina (Saline Co.)	6-17-76	4-1-78	
Saline County*			
City of Scandia (Republic Co.)	6-17-76	1-17-78	

* Unincorporated Areas Only

** Flood Insurance Rate Map

HUD FLOOD INSURANCE STUDIES

<u>Community</u>	<u>Contract Started</u>	<u>FIA Control Office Due</u>	<u>Actual or Estimated FIRM**</u>
Detailed Study with Floodway			
Shawnee County	9-15-77	11-15-79	
City of Shawnee (Johnson Co.)	1-2-76	7-1-77	
City of Silver Lake (Shawnee Co.)	9-15-77	5-15-78	
City of Solomon (Dickinson Co.)	6-17-76	1-17-78	
City of St. Marys (Pottawatomie Co.)	3-1-76	10-1-77	
City of Tonganoxie (Leavenworth Co.)	1-15-77	6-1-78	
City of Topeka (Shawnee Col)	1-15-77	4-15-78	
City of Wamego (Pottawatomie Co.)	3-1-76	2-1-78	
City of Westwood (Johnson Co.)	1-2-76	7-1-77	
City of Willard (Shawnee Co.)	9-15-77	5-15-78	
Wyandotte County*	3-1-77	10-1-77	
10 City of Fairway (Johnson Co.)	11-16-70	3-1-71	

* Unincorporated Areas Only
 ** Flood Insurance Rate Map

NAME OF PROGRAM: National Flood Insurance Program
 LEAD AGENCY: Housing and Urban Development, Department of, Federal Insurance Administration AUTHORITY(S): PL - 90-448
91-152
93-234

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: The National Flood Insurance Program makes flood insurance available within participating communities and counties: i.e., within communities or counties meeting at least the minimum Federal flood plain management standards or requirements.

PURPOSE OR OBJECTIVES: To provide federally subsidized flood insurance for existing structures and decrease the potential for future flood damage through flood plain management.

- SUBREGION(S): _____ SUBBASIN(S): _____
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - Kansas
 - Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
HUD, FIA	X											X				

Agency Contact: Richard Leonard Address: Federal Insurance Administration, HUD Phone: FTS 758-6393
Kansas City, Missouri

HUD FLOOD INSURANCE PROGRAM

<u>Community</u>	<u>Kansas</u>	<u>Date</u> <u>Hazard Area Identified</u>	<u>Status**</u>
City of Abilene (Dickinson Co.)		January 9, 1974 and December 12, 1975	E
City of Alma (Norton Co.)		March 1, 1974 and November 7, 1975	E
City of Assaria (Saline Co.)			
City of Atchison (Atchison Co.)		February 8, 1974 and December 12, 1975	E
City of Atwood (Rawlins Co.)		February 15, 1974 and October 17, 1975	E
City of Auburn (Shawnee Co.)		October 25, 1974 and November 7, 1975	E
City of Baldwin (Douglas Co.)		February 15, 1974 and November 7, 1975	E
City of Basefor (Ottawa Co.)		April 12, 1974 and April 23, 1976	E
City of Belleville (Republic Co.)		February 15, 1974 and October 31, 1975	E
City of Beloit (Mitchell Co.)		December 7, 1973 and November 14, 1975	E
City of Belvue (Pottawatomie Co.)		November 29, 1974	E
City of Blue Mound (Linn Co.)		January 17, 1975	E
City of Bonner Springs (Wyandotte Co.)		December 28, 1973	E
City of Brookville (Saline Co.)		September 19, 1975 and December 24, 1976	E
City of Burr Oak (Jewell Co.)		November 29, 1974	E
City of Carbondale (Osage Co.)		May 24, 1974 and November 28, 1975	E
City of Centralia (Nemaha Co.)		May 24, 1974 and November 7, 1975	E
City of Chapman (Dickinson Co.)		January 9, 1974 and April 23, 1976	E
City of Clay Center (Clay Co.)		March 29, 1974 and October 24, 1975	E
City of Clyde (Cloud Co.)		May 31, 1974 and December 19, 1975	E
City of Colby (Thomas Co.)		February 15, 1974	E
City of Concordia (Cloud Co.)		December 28, 1973 and April 16, 1976	E
City of Countryside (Johnson Co.)		August 23, 1974 and April 30, 1976	R
Crawford County *		May 17, 1977	
City of Culyer (Ottawa Co.)		January 3, 1975	E
City of Delphos (Ottawa Co.)		August 15, 1975	E
City of DeSoto (Johnson Co.)		January 16, 1974 and July 25, 1975	E

* Unincorporated Areas Only

** F Flood Program

R Regular Program

E Emergency Program

H Emergency Program with Hazard Area Identified

S Special Flood Area Not in Program

W Community Withdrawn from Program

HUD FLOOD INSURANCE PROGRAM

Kansas

<u>Community</u>	<u>Date Hazard Area Identified</u>	<u>Status**</u>
Doniphan County* (Doniphan Co.)	June 3, 1977	E
Douglas County *	June 17, 1977	E
City of Easton (Leavenworth Co.)	July 9, 1976	E
City of Edgerton (Johnson Co.)	March 8, 1974 and December 19, 1975	E
City of Edwardsville (Wyandotte Co.)	April 5, 1974 and June 18, 1976	E
City of Ellis (Ellis Co.)	January 9, 1974 and October 24, 1975	E
City of Ellsworth (Ellsworth Co.)	December 28, 1973	E
City of Elwood (Doniphan Co.)		E
City of Eudora (Douglas Co.)	January 9, 1974 and July 16, 1976	E
City of Fairway (Johnson Co.)	June 20, 1970	R
City of Fort Scott (Bourbon Co.)	January 9, 1974 and December 12, 1975	E
City of Frankfort (Marshall Co.)	January 23, 1974 and October 24, 1975	E
City of Gardner (Johnson Co.)	May 3, 1974 and January 23, 1976	R
City of Garnett (Anderson Co.)	February 8, 1974 and March 19, 1976	E
City of Gas (Allen Co.)	August 6, 1976	E
City of Glade (Phillips Co.)	December 27, 1974	E
City of Glasco (Cloud Co.)	June 21, 1974 and October 24, 1975	E
City of Goodland (Sherman Co.)	February 15, 1974 and December 26, 1975 and September 10, 1976	E
City of Gypsum (Saline Co.)	February 1, 1974 and April 23, 1976	E
City of Hanover (Washington Co.)	July 18, 1975	E
City of Hays (Ellis Co.)	January 23, 1974 and November 28, 1975	E
City of Herington (Dickinson Co.)	May 1, 1974 and October 24, 1975	E
City of Herndon (Rawlins Co.)	November 22, 1974	E
City of Hiawatha (Brown Co.)	February 8, 1974 and October 31, 1975	
City of Hill City (Graham Co.)	March 5, 1976	E
City of Holton (Jackson Co.)	February 22, 1974	E
City of Horton (Brown Co.)	February 15, 1974 and November 7, 1975	E
City of Hoyt (Jackson County)	December 20, 1974	E

* Unincorporated Areas Only

** F Flood Program

R Regular Program

E Emergency Program

H Emergency Program with Hazard Area Identified

S Special Flood Area Not in Program

W Community Withdrawn from Program

HUD FLOOD INSURANCE PROGRAM

Kansas

<u>Community</u>	<u>Date Hazard Area Identified</u>	<u>Status**</u>
City of Hunter (Mitchell Co.)	December 13, 1974	E
City of Independence (Montgomery Co.)	December 17, 1973 and September 26, 1975	E
City of Jewell (Jewell Co.)	August 22, 1975	E
City of Junction City (Geary Co.)	February 1, 1974	E
City of Kanopolis (Ellsworth Co.)	August 15, 1975	R
City of Kansas City (Wyandotte Co.)	November 1, 1974	E
City of Lake Quivira (Johnson Co.)	July 26, 1974 and November 21, 1975	R
City of Lansing (Leavenworth Co.)	August 23, 1974 and November 28, 1975	E
City of Lawrence (Douglas Co.)	August 13, 1976	E
Leavenworth County *	August 30, 1977	E
City of Leavenworth (Leavenworth Co.)	November 28, 1953	R
City of Leawood (Johnson Co.)	May 17, 1974 and May 7, 1976	R
City of Lecompton (Douglas Co.)	January 23, 1974 and June 4, 1976	E
City of Lenexa (Johnson Co.)	February 8, 1974 and July 11, 1975	R
City of Leona (Doniphan Co.)	December 20, 1974	R
City of Lincoln Center (Lincoln Co.)	March 8, 1974 and January 30, 1976	E
City of Lindborg (McPherson Co.)	December 17, 1973 and April 23, 1976	R
City of Linwood (Leavenworth Co.)	September 6, 1974	E
City of Logan (Phillips Co.)	July 19, 1974 and October 17, 1975	E
City of Long Island (Phillips Co.)	January 3, 1975 and September 13, 1977	E
City of Louisburg (Miami Co.)	March 1, 1974 and April 16, 1976	E
City of Lyndon (Osage Co.)	June 28, 1974 and November 21, 1975	E
Lyon County*	June 28, 1977	E
City of Manakto (Jewell Co.)	August 6, 1976	E
City of Manhattan (Pottawatomie and Riley Cos.)	March 8, 1974 and December 13, 1974	E
City of Marquette (McPherson Co.)	December 17, 1973	E
City of Marysville (Marshall Co.)	December 7, 1973	R
City of Mayetta (Jackson Co.)	November 8, 1974	E
City of Merriam (Johnson Co.)	June 7, 1974 and November 7, 1975	R

* Unincorporated Areas Only

** F Flood Program

R Regular Program

E Emergency Program

H Emergency Program with Hazard Area Identified

S Special Flood Area Not in Program

W Community Withdrawn from Program

HUD FLOOD INSURANCE PROGRAM

Kansas

<u>Community</u>	<u>Date Hazard Area Identified</u>	<u>Status**</u>
City of Mission Hills (Johnson Co.)	June 7, 1974 and October 24, 1975	E
City of Mission (Johnson Co.)	May 31, 1974 and September 26, 1975	R
Mitchell County *		
City of Natoma (Osborne Co.)	June 28, 1974 and November 21, 1975	E
City of New Cambria (Saline Co.)	December 27, 1974	E
City of Norton (Norton Co.)	February 15, 1974 and February 27, 1976	E
City of Oberlin (Decatur Co.)	January 9, 1974 and December 12, 1975	E
City of Ogden (Riley Co.)	June 7, 1974 and October 15, 1976	E
City of Olathe (Johnson Co.)	March 1, 1974 and February 28, 1975	E
City of Osawatomie (Miami Co.)	January 23, 1974 and April 2, 1976	E
City of Osborne (Osborne Co.)	March 15, 1974	E
City of Oskaloosa (Jefferson Co.)	May 24, 1974 and November 21, 1975	E
City of Ottawa (Franklin Co.)	January 9, 1974	E
City of Overland Park (Johnson Co.)	January 3, 1975	R
City of Paloo (Rooks Co.)	July 2, 1976	E
City of Paola (Miami Co.)	December 17, 1973 and July 23, 1976	R
City of Paxico (Wabaunsee Co.)	December 20, 1974	E
City of Perry (Jefferson Co.)	December 7, 1973 and December 26, 1975	E
City of Phillipsburg (Phillips Co.)	June 28, 1974 and October 10, 1975	E
City of Portis (Osborne Co.)	December 27, 1974	E
Pottawatomie County *	December 20, 1977	E
City of Prairie Village (Johnson Co.)	June 14, 1974 and October 10, 1975	E
City of Quenemo (Osage Co.)	December 20, 1974	E
City of Rantoul (Franklin Co.)	November 15, 1974	E
City of Redfield (Bourbon Co.)	December 27, 1974	E
Riley County*	February 15, 1974 and November 14, 1975	E
City of Robinson (Brown Co.)	November 29, 1974	E
City of Roeland Park (Johnson Co.)	May 31, 1974 and December 19, 1975	R
City of Rossville (Shawnee Co.)	June 4, 1976	E

* Unincorporated Areas Only

** F Flood Program

R Regular Program

E Emergency Program

H Emergency Program with Hazard Area Identified

S Special Flood Area Not in Program

W Community Withdrawn from Program

HUD FLOOD INSURANCE PROGRAM

Kansas

<u>Community</u>	<u>Date</u>	<u>Status**</u>
	<u>Hazard Area Identified</u>	
City of Sabetha (Nemaha Co.)	April 16, 1976 and April 16, 1976	E
City of Salina (Saline County Saline County*)	May 24, 1974 and January 2, 1976 June 28, 1977	E E
City of Scandia (Republic Co.)	May 10, 1974 and December 5, 1975	E
City of Scranton (Osage Co.)	September 19, 1975	E
City of Seneca (Nemaha Co.)	February 8, 1974 and November 28, 1975	E
City of Sharon Springs (Wallace Co.)	September 12, 1975	E
City of Shawnee (Johnson Co.)	June 28, 1974 and November 21, 1975	E
City of Silver Lake (Shawnee Co.)	May 31, 1974 and October 24, 1975	E
City of Simpson (Mitchell Co.)	January 3, 1975	E
City of Simth Center (Smith Co.)	June 28, 1974 and November 28, 1975	E
City of Solomon (Dickinson Co.)	January 9, 1974 and December 12, 1975	E
City of Stockton (Rooks Co.)	June 21, 1974 and April 2, 1976	E
City of St. Marys (Pottawatomie Co.)	December 7, 1973 and June 18, 1976	E
City of Sylvan Grove (Lincoln Co.)	March 26, 1976	E
City of Tescott (Ottawa Co.)	January 3, 1975	E
City of Tonganoxie (Leavenworth Co.)	June 7, 1974 and April 30, 1976	E
City of Topeka (Shawnee Co.)	October 23, 1971	R
City of Troy (Doniphan Co.)	February 15, 1974 and April 16, 1976	E
City of Uniontown, (Bourbon Co.)	September 26, 1975	E
City of Vermillion (Marshall Co.)	December 20, 1974	E
City of Victoria (Ellis Co.)	July 16, 1976	E
City of Wakeeney (Treco Co.)	July 25, 1975	E
City of Wameco (Pottawtomie Co.)	December 7, 1973 and December 26, 1975	E
City of Washington (Washington Co.)	August 15, 1975	E
City of Wathena (Doniphan Co.)		R
City of Waverly (Coffey Co.)	February 15, 1974 and October 17, 1975	E
City of Wellsville (Franklin Co.)	February 15, 1974 and November 7, 1975	E
City of Westwood Hills (Johnson Co.)	October 25, 1974 and December 19, 1975	E

* Unincorporated Areas Only

** F Flood Program

R Regular Program

E Emergency Program

H Emergency Program with Hazard Area Identified

S Special Flood Area Not in Program

W Community Withdrawn from Program

HUD FLOOD INSURANCE PROGRAM

<u>Community</u>	Kansas	<u>Date Hazard Area Identified</u>	<u>Status**</u>
City of Westwood (Johnson Co.)		August 16, 1974 and October 17, 1975	R
City of Willard (Shawnee Co.)		August 16, 1974 and June 19, 1976	E
City of Wilson (Ellsworth Co.)		August 8, 1975	E
Wyandotte County*		May 6, 1977	E

* Unincorporated Areas Only

** F Flood Program

R Regular Program

E Emergency Program

H Emergency Program with Hazard Area Identified

S Special Flood Area Not in Program

W Community Withdrawn from Program

NAME OF PROGRAM: Completion of or updating & revising Management Framework Plans, Kansas

LEAD AGENCY: United States Department of Interior/Bureau of Land Management (BLM) AUTHORITY(S):

FLPMA
P.L. 94-579

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Coordination of BLM's management framework planning (MFP) to guide in the preparation of detailed "Activity Plans" for the resources on the public lands.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24. Middle Missouri
- 25, 27. Kansas
- 29, 30. Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: 725 ac. BLM Land

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Bureau of Land Management		2						2				X				

Agency Contact: Daniel P. Baker

Address: P.O. Box 1828
Cheyenne, WY 82001

Phone: FTS 328-2326

NAME OF PROGRAM: Energy Related Wildlife Studies
 LEAD AGENCY: United States Dept. of Interior. Bureau of Land Management (BLM) AUTHORITY(S): P.L. 94-579

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 100 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Study effect of coal and energy development on fish and wildlife; specifically woody draws and raptors in North Dakota and nongame species, stream and reservoir inventories in Montana.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): Montana COUNTY(S)/VICINITY:
North Dakota

STATEWIDE

Funding Source

D	S	G	L	O
i	h	r	a	t
r	a	a	n	h
e	r	n		
c	(%)			

FUNDING SOURCE/AGENCY	\$1,000											ESTIMATED PROGRAM FUNDING				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
BLM			1,323	62	6											

Agency Contact: Edward Zaidlicz, BLM Address: P.O. Box 30157 Billings, MT. 59107 Phone: FTS-585-6463

NAME OF PROGRAM: Resource Inventories and Management Framework Plans

LEAD AGENCY: United States Department of Interior/Bureau of Land Management (BLM) AUTHORITY(S): FLPMA P.L. 94-579

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Resource inventory & data collection for public land management, and analysis of resources programs for lands minerals, timber, livestock forage, watershed, recreation, wildlife habitat, and environmental protection.

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - 24, _____ X Middle Missouri
 - 25, 27 _____ X Kansas
 - 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: 725 acres of BLM lands

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
Bureau of Land Management		20				5	15					X				

Agency Contact: Daniel P. Baker

Address: P.O. Box 1828 Cheyenne, WY 82001

Phone: FTS 328-2326

NAME OF PROGRAM: Mineral Availability Studies

LEAD AGENCY: United States Department of Interior/Bureau of Mines (BOM) AUTHORITY(S): PL 61-179
PL 91-631

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- 60 Land Conserv. & Mgnt.
- 10 M&I and Rural Water
- Natural, Hist., & Cult
- 10 Power and Energy
- Recreation
- 10 Transportation
- 10 Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Collect, compile, and evaluate basic data on the availability of critical and strategic minerals to the United States.

PURPOSE OR OBJECTIVES: Develop computerized data bank for compilation, storage, and retrieve of minerals data. Provide expeditiously the information required to assess the Nation's position on any critical mineral commodity. Conduct comprehensive mineral availability studies, including costing.

- SUBREGION(S):** _____
- SUBBASIN(S):**
- Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - _____ Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	\$1,000											ESTIMATED PROGRAM FUNDING					Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other					
(BOM) Colorado				36	36	36						X									
(BOM) Iowa				23	24	24						X									
(BOM) Kansas				24	24	24						X									
(BOM) Minnesota				35	36	36						X									
(BOM) Missouri				29	30	30						X									
(BOM) Montana				3	2	3						X									
(BOM) Nebraska				23	24	24						X									
(BOM) North Dakota				29	30	30						X									
(BOM) South Dakota				23	24	24						X									
(BOM) Wyoming				35	36	36						X									

Agency Contact: H. C. Stewart
Branch of Basin and Environmental Studies

Address: Intermountain Field Operation Center
Building 20, Denver Federal Center
Denver, Colorado 80225

Phone: FTS 303-234

NAME OF PROGRAM: Resource and Environmental Studies

LEAD AGENCY: United States Department of Interior/Bureau of Mines (BOM)

AUTHORITY(S): PL-61-179
PL-91-190
PL-91-631

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- 30 Land Conserv. & Mgmt.
- 30 M&I and Rural Water
- Natural, Hist., & Cult.
- 15 Power and Energy
- Recreation
- 15 Transportation
- Water Quality Mgmt.
- 10 Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Mineral resource, water supply, and related environmental studies pertaining to mineral exploration and development

PURPOSE OR OBJECTIVES: Conservation and development of mineral resources

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
(BOM) - Colorado				32	34	34						X				
(BOM) - Iowa				20	22	22						X				
(BOM) - Kansas				20	22	22						X				
(BOM) - Minnesota				32	34	34						X				
(BOM) - Missouri				26	28	28						X				
(BOM) - Montana				16	3	1						X				
(BOM) - Nebraska				20	22	22						X				
(BOM) - North Dakota				26	28	28						X				
(BOM) - South Dakota				20	22	22						X				
(BOM) - Wyoming				32	34	34						X				

Agency Contact: H. C. Stewart
Bureau of Mines
Brand of Basin & Environmental
Studies

Address: Building 20
Denver Federal Center
Denver, CO 80225

Phone: FTS 303 234-3930

NAME OF PROGRAM: Bureau of Reclamation Irrigation Facilities Rehabilitation and Betterment Program/Loan

LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Rehabilitation and Betterment Program is a loan program administered by the Bureau of Reclamation to assist the Bureau of Reclamation Project and modernize and improve irrigation facilities.

PURPOSE OR OBJECTIVES: Modernize and improve water conveyance capability of the irrigation system.

SUBREGION(S):	SUBBASIN(S):
	Basinwide
6	X Upper Missouri
8, 10	X Yellowstone
	Western Dakotas
	Eastern Dakotas
	Platte Niobrara
	Middle Missouri
	Kansas
	Lower Missouri

LOCATION

STATE(S): Montana Wyoming
 COUNTY(S)/VICINITY: Richland Sidney Park Bighorn Powell Deaver Yellowstone Ballentine Prairie Terry

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
BR	X	609,000	609,000												X	

Agency Contact: E. R. Wilde
 Asst. Regional Director-Admin.

Address: Bureau of Reclamation
 Upper Missouri Region
 P.O. Box 2553
 Billings, MT 59103

Phone: 585-6216

NAME OF PROGRAM: Examination of Existing Structures Program/Safety of Dams

LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S): Public Works Appropriation FY 1966

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cul
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institution
- Instream Flows

DESCRIPTION

SUMMARY: Ongoing review of structural and hydraulic adequacy of Bureau of Reclamation dams.

PURPOSE OR OBJECTIVES: Safety of dams.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- 2, 3, 4, 5, 6 Upper Missouri
- 7, 8, 9, 10 Yellowstone
- 11, 12, 13, 14 Western Dakotas
- 16, 17 Eastern Dakotas
- 15,18,19,20,21,22 Platte Niobrara Middle Missouri
- 25, 26, 27 Kansas Lower Missouri

LOCATION

STATE(S): Colorado COUNTY(S)/VICINITY:
 Kansas
 Missouri
 Montana
 Nebraska STATEWIDE
 North Dakota
 South Dakota
 Wyoming

Funding Source				
D	S	G	L	O
i	h	r	o	t
r	a	a	a	h
e	r	n	n	e
c	e	t		r
t	(%)			
X				

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		
BR				661	2,325	2,880	2,945	2,945	2,945			X

Agency Contact: E. R. Wilde Address: Bureau of Reclamation Phone: 585-6216
 Asst. Regional Director-Admin. Upper Missouri Region
 P.O. Box 2553
 Billings, MT 59103

NAME OF PROGRAM: Glen Elder Unit/Kansas

LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR)

AUTHORITY(S): PL - 89-561

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Study irrigation potential using existing storage facilities.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 25 Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Solomon River

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
BR		1,121	256				50	175	383	257		X				

Agency Contact: R.W. Spangler
Asst. Regional Director-Admin.

Address: Bureau of Reclamation
Lower Missouri Region
P. O. Box
Bldg. 20, Denver Federal Center
Denver, CO 80225

Phone: 234-4441

NAME OF PROGRAM: Kanopolis Unit/Kansas

LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S): PL - 94-423

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- 5 Flood Damage Abatement
- 3 Fish and Wildlife
- 1 Irrigation
- Land Conserv. & Mgmt.
- 2 M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- 4 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Construction of this unit would contribute to the future prosperity of the area through modification of the existing Kanopolis Dam and Lake to provide 162,500 acre-feet of conservation space previously utilized exclusively for flood control. Components served would be supplement the M&I water supply for Salina, storage for future M&I use to be designated by the State of Kansas, irrigation of 20,000 acres, fish and wildlife, and recreation.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 26 Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Along Smoky Hill River in Ellsworth, McPherson, and Saline Counties

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
BR		31,320	-	-	-	-	-	-	300	3,690	27,330	x				

Agency Contact: R. W. Spangler
Asst. Regional Director-Admin.

Address: Bureau of Reclamation
Lower Missouri Region
P.O. Box 25247
Bldg. 20, Denver Federal Center
Denver, CO 80225

Phone: 234-4451

NAME OF PROGRAM: Kansas State Water Plan/Phase II

LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S): Reclamation Laws

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Technical input and assistance in preparation of alternative plans for developing option for use of the State's water resources.

PURPOSE OR OBJECTIVES:

SUBREGION(S):	SUBBASIN(S):
	Basinwide
<u>24</u>	<input checked="" type="checkbox"/> Upper Missouri
	Yellowstone
	Western Dakotas
	Eastern Dakotas
	Platte Niobrara
	Middle Missouri
<u>25, 26, 27</u>	<input checked="" type="checkbox"/> Kansas
<u>29, 30</u>	<input checked="" type="checkbox"/> Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
BR		666	491	175								X				

Agency Contact: R.W. Spangler
Asst. Regional Director-Admin.

Address: Bureau of Reclamation
Lower Missouri Region
P.O. Box 25247
Bldg. 20, Denver Federal Center
Denver, CO 80225

Phone: 234-4441

NAME OF PROGRAM: Republican River Basin Water Management Study/Kansas, Colorado, and Nebraska

LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S): Reclamation Laws PL - 89-72 89-80

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 100 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: This water management study would encompass the Republican River Drainage Basin in Colorado, Nebraska, and Kansas. The determination of a dependable water supply in the basin is complicated by several factors, including past and future depletions of surface water flows by ground water use, possible changes in rainfall and associated runoff patterns, and the fulfillment of the Republican River Compact conditions. Assessment of the basin's water resources will lead to the identification of management measures which will better utilize the waters available in the basin.

PURPOSE OR OBJECTIVES:

- SUBREGION(S):** _____
- SUBBASIN(S):**
- Basinwide
 - Upper Missouri
 - Yellowstone
 - Western Dakotas
 - Eastern Dakotas
 - Platte Niobrara
 - Middle Missouri
 - 25 Kansas
 - Lower Missouri

LOCATION

STATE(S): Colorado COUNTY(S)/VICINITY: Republican River Basin
Kansas
Nebraska

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Local	Other
BR		1,437	47	254	255	320	311	250				X				
Kansas Park and Resource Authority				1	2	2	2	1	1			X				
Colorado Division of Parks & Outdoor Recreation				1	1	1	1	1	1			X				
Nebraska Game and Parks Commission				1	2	2	1	1	1				X			

Agency Contact: R. W. Spangler Address: Bureau of Reclamation Phone: 234-4441
Asst. Regional Director-Admin. Lower Missouri Region
P.O. Box 25247
Bldg. 20, Denver Federal Center
Denver, CO 80225

NAME OF PROGRAM: Scardia Unit/Kansas

LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S): PL - 89-561

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 3 Fish and Wildlife
- 1 Irrigation
- 2 Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Irrigation and water supply project study.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 25 Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Republican River

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
BR		1,028	208			153	287	198	182			x				

Agency Contact: R.W. Spangler
Asst. Regional Director-Admin.

Address: Bureau of Reclamation
Lower Missouri Region
81dg. 20, Denver Federal Center
Denver, CO 80225

Phone: 234-4441

NAME OF PROGRAM: Solomon River Basin Study/Kansas

LEAD AGENCY: United State Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S): Reclamation Laws

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- 1 Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Comprehensive water management planning; conjunctive use studies.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- 26 X Kansas
- Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Soloman River Basin

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
BR		1,616	178	275	243	333	354	233				X				

Agency Contact: R.W. Spangler
Asst. Regional Director Admin.

Address: Bureau of Reclamation
Upper Missouri Region
P. O. Box 25247
Bldg. 20 Denver Federal Center
Denver, CO 80225

Phone: 234-4441

NAME OF PROGRAM: Weather Modification Program
 LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Comprehensive development and adoption of technology. Assessment and documentation of technology.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
BR		93,750														

Agency Contact: Joe D. Hall
Regional Director

Address: Bureau of Reclamation
Engineering and Research Center
Building 67 Federal Center
Denver, CO 80225

Phone: FTS 234-4441

NAME OF PROGRAM: Western Hydroelectric Power Inventory Special

LEAD AGENCY: United States Department of the Interior/Bureau of Reclamation (BR) AUTHORITY(S): Reclamation Land

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- 100 Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: An evaluation and inventory of low-head hydroelectric development potential.

PURPOSE OR OBJECTIVES: Inventory of all acceptable Federal low-head hydroelectric developments in the 17 western States.

SUBREGION(S): _____ SUBBASIN(S): _____

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): 17 Western States COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share	Grant	Loan	Other		
BR		963		421	421	121							X					

Agency Contact: Joe D. Hall
Regional Director

Address: Bureau of Reclamation
Engineering and Research Center
Building 67 Federal Center
Denver, CO 80225

Phone: FTS 234-4441

NAME OF PROGRAM: Biological Services

LEAD AGENCY: United States Dept. of Interior. Fish & Wildlife Service (FWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

- SUMMARY:
- (1) Oil shale development--FWS participation in Interior prototype oil shale program provides added assurance that industrial development of this vast energy resource will proceed in an environmentally acceptable manner.
 - (2) Coal program--ratings of terrestrial wildlife values on known coal leasing areas, inputs to Interior EMARS process.
 - (3) Geothermal development--systematic identification of environmental impacts associated with geothermal development.
 - (4) Power plant activities--inventory of existing and proposed power plants.
 - (5) Western water allocation--stream evaluation project.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share (%)	Grant	Loan	Other

Agency Contact: Rick Dornfeld U.S. Fish & Wildlife Service Address: P.O. Box 25486 Denver, CO 80225 Phone: FTS 234-4616

NAME OF PROGRAM: Endangered Species

LEAD AGENCY: United States Dept. of Interior, Fish & Wildlife Service (FWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Implementation of the Endangered Species Act through:

- (1) planning and coordination
- (2) species and habitat management
- (3) law enforcement
- (4) grants

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other	

Agency Contact: Rick Dornfeld U.S. Fish & Wildlife Service Address: P.O. Box 25486 Denver, CO 80225 Phone: FTS 234-4616

NAME OF PROGRAM: Environmental Contaminant Evaluation

LEAD AGENCY: United States Dept. of Interior, Fish & Wildlife Service (FWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Research and monitoring of environmental contaminants to find out:

- (1) what the potential contaminants are
- (2) where they may appear in the environment
- (3) their biological significance

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other

Agency Contact: Rick Dornfeld
U.S. Fish & Wildlife Service

Address: P.O. Box 25486
Denver, CO 80225

Phone: FTS 234-4616

NAME OF PROGRAM: Inland Fisheries

LEAD AGENCY: United States Dept. of Interior, Fish & Wildlife Service.(FWS) AUTHORITY(S):

PROGRAM STATUS

PROGRAM TYPE

PROGRAM SCOPE

- Ongoing
- Resumption
- New Start

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Management of inland fisheries through:
 (1) fishery assistance
 (2) fish culture (hatchery operation)
 (3) law enforcement

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other

Agency Contact: Rick Dornfeld Address: P.O. Box 25486 Phone: FTS 234-4616
 U.S. Fish & Wildlife Service Denver, CO 80225

NAME OF PROGRAM: Interpretation and Recreation

LEAD AGENCY: United States Dept. of Interior, Fish & Wildlife Service (FWS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Conservation and environmental education programs.

PURPOSE OR OBJECTIVES:

SUBREGION(S): _____ SUBBASIN(S): _____

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other

Agency Contact: Rick Dornfeld U.S. Fish & Wildlife Service Address: P.O. Box 25486 Denver, CO 80225 Phone: FTS 234-4611

NAME OF PROGRAM: Land and Water Resource Development Planning

LEAD AGENCY: United States Dept. of Interior, Fish & Wildlife Service (FWS) AUTHORITY(S):

PROGRAM STATUS

PROGRAM TYPE

PROGRAM SCOPE

- Ongoing
- Resumption
- New Start

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: FWS evaluation of proposed development projects is accomplished through:

- (1) review of permits and license applications
- (2) project investigations and technical assistance
- (3) areawide planning

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other

Agency Contact: Rick Dornfeld U.S. Fish & Wildlife Service Address: P.O. Box 25486 Denver, CO 80225 Phone: FTS 234-4616

NAME OF PROGRAM: Mammals and Nonmigratory Birds

LEAD AGENCY: United States Dept. of Interior. Fish & Wildlife Service (FWS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Wildlife related law enforcement.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share (%)	Grant	Loan	Other

Agency Contact: Rick Dornfeld U.S. Fish & Wildlife Service Address: P.O. Box 25486 Denver, CO 80225 Phone: FTS 234-4616

NAME OF PROGRAM: Availability of Ground Water in North-Central Kansas

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cul.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Better determine the availability of ground water in the nine county area of Norton, Phillips, Smith, Graham, Rooks, Osborn, Trego, Ellis, and Russell counties, Kansas. Define as nearly possible by hydrologic investigation, including modeling techniques, the relationships between ground water and surface water, and the effect of development of one upon the other.

SUBREGION(S): _____ SUBBASIN(S): _____

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- _____ Middle Missouri
- 26 _____ X Kansas
- _____ Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: North-central Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
USGS			286	88									50			
KS Geological Survey													50			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Channel Geometry as Related to Discharge Characteristics of Regulated streams in Kansas

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: Desired results of the proposed study are to: (1) Define the relation of channel geometry to various parameters of discharge for regulated streams; (2) Determine the downstream changes in the channel shape that occur on specific regulated streams; (3) Develop insight into the channel changes in shape, gradient, sinuosity, and elevation that occur as the result of dam construction and regulation of Kansas streams; and (4) Develop an understanding of the influence that mobile channel material exerts on the geometry of regulated streams. The study is intended to be a continuation of a series of Channel Geometry investigations of Kansas streams.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
USGS													50			
KS Water Resources Board			24	24	24						92		50			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

Evaluations of the Ground-Water Quality Network and Interpretive Analyses of Data from Network
Operation in Kansas

NAME OF PROGRAM: _____

LEAD AGENCY: United State Department of Interior/Geological Survey (USGS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatemen
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutiona
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: The objectives of the project are: (1) To Evaluate the chemical quality data to determine the adequacy of the network for describing base-line ground-water quality and for detecting pollution of the principal aquifers in the State, and (2) To determine the significance of the data with respect to State and Federal water-quality standards imposed by the Safe Drinking Water Act.

SUBREGION(S):

SUBBASIN(S):

- _____ Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- 24 _____ X Middle Missouri
- 26, 25, 27 _____ X Kansas
- 29, 30 _____ X Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share (%)	Grant	Loan	Other
USGS													50			
KS dept. of Health and Environment			25	14									50			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Flood Investigations/Kansas

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To appraise the flood characteristics of Kansas streams.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
USGS													50			
Kansas Highway Commission			200	25									50			

Agency Contact: Jack Carter Address: Denver Federal Center, Denver, Colorado 80225 Phone: FTS-234-5900

NAME OF PROGRAM: _____ and Water Stations

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S): _____

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutiona.
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To collect water level data sufficient to provide a minimum long-term data base so that the general response of the hydrologic system to natural climatic variations and induced stresses is known and potential problems can be defined early enough to allow proper planning and management. To provide a data base against which the short-term records acquired in areal studies can be analyzed. This analysis must 1) provide an assessment of the ground water resource; 2) allow prediction of future conditions; 3) detect and define pollution and supply problems; and 4) provide the data base necessary for management of the resource.

SUBREGION(S): _____ SUBBASIN(S): _____

- _____ y Basinwide
- _____ Upper Missouri
- _____ Yellowstone
- _____ Western Dakotas
- _____ Eastern Dakotas
- _____ Platte Niobrara
- _____ Middle Missouri
- _____ Kansas
- _____ Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: _____

STATEWIDE

Funding Source				
D	S	G	L	O
i	h	r	o	t
r	a	r	a	h
e	r	a	n	e
c	e	n	n	r
t	(%)	t		

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source							
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		D	S	G	L	O			
USGS Colorado				24															
USGS Iowa				33															
USGS Kansas			254	12															
USGS Minnesota				2															
USGS Missouri				32															
USGS Montana			900	200															
USGS Nebraska			1301	200															
USGS North Dakota				55															
USGS South Dakota																			
USGS Wyoming				48															

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Ground Water Stations

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To collect water level data sufficient to provide a minimum long-term data base so that the general response of the hydrologic system to natural climatic variations and induced stresses is known and potential problems can be defined early enough to allow proper planning and management. To provide a data base against which the short-term records acquired in areal studies can be analyzed. This analysis must (1) provide an assessment of the ground water resource; (2) allow prediction of future conditions; (3) detect and define pollution and supply problems; and (4) provide the data base necessary for management of the resource.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25,26,27 Kansas
- 29,30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share	Grant	Loan	Other		
USGS		}	254	12								X	X					
KS Geological Survey															X			
NW KS Ground Water Mgmt Dist																X		

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Numerical Models of Streamflow in Kansas

LEAD AGENCY: United States Dept. of Interior, Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: The objectives of this project are to (1) improve the capability of modeling stream-flow, particularly low flows, by developing modifications to existing models; (2) use the models to determine the magnitude of change in rain fall-runoff relations for several streams in Kansas; and (3) determine the future expectancy of runoff under the changed conditions.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29,30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
USGS													50			
Kansas Water Res. Board			103	10									50			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Sediment Stations

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutiona.
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To provide a national bank of sediment data for use in broad Federal and State planning and action programs and to provide data for Federal management of interstate and international waters.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other	
USGS Colorado																	
USGS Iowa				33													
USGS Kansas			282	48													
USGS Minnesota				2													
USGS Missouri																	
USGS Montana			555	85													
USGS Nebraska				34													
USGS North Dakota				33													
USGS South Dakota			249	14.4													
USGS Wyoming				15													

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Sediment Stations

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS)

AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To provide a national bank of sediment data for use in broad Federal and State planning and action programs and to provide data for Federal management of interstate and international waters.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 X Middle Missouri
- 25,26,27 X Kansas
- 29,30 X Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
USGS												X	X			
COE			282	48								X				
Kansas Water Res. Board													X			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Streamflow Characteristics/Kansas

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To define the characteristics of streamflow and interrelation with ground water supplies from the raw data and present them in terms useful for developing the optimum benefit from the available water supplies and optimum protection from floods.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27. Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source						
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	State	Grant	Local	Other	
USGS													50				
Kansas Water Res. Board			123	23									50				

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Streamgaging Stations

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: A. To collect surface-water data sufficient to satisfy needs for current-purpose uses, such as 1) assessment of water resources, 2) operation of reservoirs or industries, 3) forecasting, 4) disposal of wastes and pollution controls, 5) discharge data to accompany water-quality measurements, 6) compact and legal requirements, and 7) research or special studies. B. To collect data necessary for analytical studies to define for any location the statistical properties of, and trends in, the occurrence of water in streams, lakes, etc., for use in planning and design.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas

COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
USGS			-									X	X			
CE			-									X				
USBR			-									X				
BSF and W				348								X				
Kansas Water Res. Board			-										X			
City of Wichita			-										X			
Kansas Highway Comm.			-										X			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Techniques for Estimating Ground-Water Withdrawals in Western Kansas

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: The objectives of the project are to evaluate the use of methods other than metering of wells to determine the withdrawal of ground water from irrigation wells in Kansas, and to test such methods by application to a large irrigated area.

- SUBREGION(S): _____ SUBBASIN(S): _____
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - 25,26 _____ X Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	D i r e c t	S h a r e (%)	G r a n t	L o a n	O t h e r	
USGS																	
KS Water Resource Board			15	15	15	10					55		50				

Agency Contact: Jack Carter USGS

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Water Quality Stations

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS)

AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cul.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institution.
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To provide a national bank of water quality data for broad Federal planning and action programs and to provide data for Federal management of interstate and international waters.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	State	Grant	Local	Other
USGS Colorado				107												
USGS Iowa				28												
USGS Kansas																
USGS Minnesota				4												
USGS Missouri				105												
USGS Montana																
USGS Nebraska				228												
USGS North Dakota				222												
USGS South Dakota				857	160											
USGS Wyoming				125												

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Water Quality Stations

LEAD AGENCY: United States Department of Interior/Geological survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To provide a national bank of water quality data for broad Federal planning and action programs and to provide data for Federal management of interstate and international waters.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
USGS												X	X			
COE												X				
EPA												X				
Kansas WRB													X			
Kansas DOH&E													X			
Kansas Geological Survey													X			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Water Use Data for Kansas

LEAD AGENCY: United States Department of Interior/geological survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: To establish a water-use data program for Kansas that will enable managers and planners to determine the degree of use and the status of development of the State's water resources. The program includes design of a field program of data collection and development of a computerized system at the State level for storage, retrieval, manipulation, and dissemination of water-use data.

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- 24 Middle Missouri
- 25, 26, 27 Kansas
- 29, 30 Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
USGS													50			
Kansas Dept. of Agriculture			100	100									50			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Water Yield Estimation For Ungaged Small Basins In Kansas

LEAD AGENCY: United States Department of Interior/Geological Survey (USGS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY:

PURPOSE OR OBJECTIVES: The objectives of the projects are: (1) To test the applicability and limitations of applying existing methods for estimating water yields and storage requirements for basins larger than 100 square miles to smaller basins, and (2) If existing methods are not applicable, develop new methods to estimate water yield and storage requirements for ungaged basins with drainage areas smaller than 100 square miles.

<u>SUBREGION(S):</u>	<u>SUBBASIN(S):</u>
_____	Basinwide
_____	Upper Missouri
_____	Yellowstone
_____	Western Dakotas
_____	Eastern Dakotas
_____	Platte Niobrara
24	<input checked="" type="checkbox"/> Middle Missouri
25,26,27	<input checked="" type="checkbox"/> Kansas
29,30	<input checked="" type="checkbox"/> Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Northern Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
USGS													50			
Ks Water Res. Board			30	30	30						90		50			

Agency Contact: Jack Carter

Address: Denver Federal Center
Denver, Colorado 80225

Phone: FTS-234-5900

NAME OF PROGRAM: Conservation Management Plan - Upper North Platte River

LEAD AGENCY: United States Department of Interior/Heritage, Conservation and Recreation Service AUTHORITY(S): 88-29 & 88-578
(HCRS)

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- 20 Natural, Hist., & Cult.
- Power and Energy
- 70 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- 10 Instream Flows

DESCRIPTION

SUMMARY: To assist State and local agencies in development of conservation management plan to properly manage and utilize existing recreational, cultural and historical and natural resource

PURPOSE OR OBJECTIVES: same

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- 18, Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): Wyoming COUNTY(S)/VICINITY: Upper North Platte River Basin in Wyoming

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source					
	----- \$1,000 -----											D i r e c t	S h a r e (%)	G r a n t	L o a n	O t h e r	
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete						
HCRS	est.			6	6	5	5	-	-	-		X					

Agency Contact: Emanuel Louck
HCRS

Address: P.O. Box 25387
Denver, CO 80225

Phone: FTS 234-3523

NAME OF PROGRAM: National & State Trail System Planning

LEAD AGENCY: Department of Interior, Heritage Conservation and Recreation Services (HCERS) AUTHORITY(S): PL-90-543

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- 10 Natural, Hist., & Cult.
- Power and Energy
- 80 Recreation
- 10 Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: To identify trails and trail systems that have potential for addition to the National Trails systems on a state trails system.

PURPOSE OR OBJECTIVES: Recommendation for study on designation as part of National Trails System.

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING \$1,000											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share	Grant	Loan	Other
HCERS Colorado				2	2	2	2	2	2	2		X				
HCERS Iowa				2	2	2	2	2	2	2		X				
HCERS Kansas				2	2	2	2	2	2	2		X				
HCERS Minnesota				1	1	1	1	1	1	1		X				
HCERS Missouri	None															
HCERS Montana	None															
HCERS Nebraska				2	2	2	2	2	2	2		X				
HCERS North Dakota				2	2	2	2	2	2	2		X				
HCERS South Dakota				2	2	2	2	2	2	2		X				
HCERS Wyoming				2	2	2	2	2	2	2		X				

Agency Contact: Emanuel Lauck (HCERS)

Address: P. O. Box 25387
Denver, Colorado 80225

Phone: FTS 234-3523

NAME OF PROGRAM: Natural History Theme Studies

LEAD AGENCY: Department of Interior Heritage, Cultural & Recreation Services (HCRS)

AUTHORITY(S): Historical Site Act of 1935

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- 100 Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: To identify examples of natural landscape, river scape, shorelines and important landmarks of our history.

PURPOSE OR OBJECTIVES:

SUBREGION(S):

SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

Funding Source				
D	S	G	L	O
i	h	r	o	t
r	a	a	a	h
e	r	n	n	e
c	(%)	t		r

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Bal. to Complete	Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85		Direct	Share (%)	Grant	Loan	Other
HCRS - Iowa				4	6											
HCRS - Kansas				4	5											
HCRS - Minnesota				1	1											
HCRS - Missouri				3	5											
HCRS - Montana				3	3											
HCRS - Nebraska				1	2											
HCRS - South Dakota				2	3											
HCRS - Wyoming				8	8											

Agency Contact: Emanuel Lauck
HCRS

Address: P. O. Box 25387
Denver, CO 80225

Phone: FTS 234-3523

R

NAME OF PROGRAM: Republican River Basin Total Water Management Study
 LEAD AGENCY: Department of Interior, Heritage Conservation and Recreation (HCRS) AUTHORITY(S): P.L. 84-72 & 89-80

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- 30 Natural, Hist., & Cult.
- Power and Energy
- 50 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- 20 Instream Flows

DESCRIPTION

SUMMARY: To assist the study by identifying needs, problems and opportunities for the management and utilization of recreational, cultural, historic and natural resources.

PURPOSE OR OBJECTIVES: To assist the study by identifying needs, problems and opportunities for the management and utilization of recreational, cultural, historic and natural resources.

- SUBREGION(S): _____
 SUBBASIN(S):
 _____ Basinwide
 _____ Upper Missouri
 _____ Yellowstone
 _____ Western Dakotas
 _____ Eastern Dakotas
 _____ Platte Niobrara
 _____ Middle Missouri
 _____ 25 X Kansas
 _____ Lower Missouri

LOCATION

STATE(S): _____ COUNTY(S)/VICINITY: Republican River Basin
 Colorado
 Kansas

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
HCRS - Colorado				1	1	1	1	1	1			X				
HCRS - Kansas				1	2	2	2	1	1			X				

Agency Contact: Emanuel Lauck (HCRS) Address: P.O. Box 25387 Phone: FTS 234-3523
 Denver, Colorado 80225

NAME OF PROGRAM: State Comprehensive Outdoor Recreation Planning
 LEAD AGENCY: Department of Interior Heritage, Cultural and Recreation Services (HCERS) AUTHORITY(S): PL-88-29
PL-88-578

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- 100 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Inventory and analyse state recreation needs.

PURPOSE OR OBJECTIVES:

SUBREGION(S): SUBBASIN(S):

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S): COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
HCERS - Colorado	X			5	5	5	5	5	5	5		X				
HCERS - Iowa	X			5	5	5	5	5	5	5		X				
HCERS - Kansas	X			5	5	5	5	5	5	5		X				
HCERS - Minnesota	X			3	3	3	3	3	3	3		X				
HCERS - Missouri	X			2	2	2	2	2	2	2		X				
HCERS - Montana				5	5	5	5	5	5	5		X				
HCERS - Nebraska	X			5	5	5	5	5	5	5		X				
HCERS - North Dakota				5	5	5	5	5	5	5		X				
HCERS - South Dakota	X			5	5	5	5	5	5	5		X				
HCERS - Wyoming	X			5	5	5	5	5	5	5		X				

Agency Contact: Emanuel Lauck
HCERS

Address: P. O. Box 25387
Denver, CO 80225

Phone: FTS 234-3523

NAME OF PROGRAM: Tuttle Creek Reservoir Archeological Survey and Salvage, Kansas

LEAD AGENCY: United States Department of Interior/Heritage, Conservation, and Recreation Service (HCRS) AUTHORITY(S): Antiquities Act 1906 Salvage Act 1960

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Archeological survey and salvage

PURPOSE OR OBJECTIVES:

- SUBREGION(S): _____
- SUBBASIN(S):
- _____ Basinwide
 - _____ Upper Missouri
 - _____ Yellowstone
 - _____ Western Dakotas
 - _____ Eastern Dakotas
 - _____ Platte Niobrara
 - _____ Middle Missouri
 - 27 _____ X Kansas
 - _____ Lower Missouri

LOCATION

STATE(S): Kansas COUNTY(S)/VICINITY: Marshall County

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING \$1,000											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
NPS, HCRS		4														

Agency Contact: Emanuel Lauck
HCRS

Address: P. O. Box 25387
Denver, CO 80225

Phone: FTS 234-3523

NAME OF PROGRAM: Wild and Scenic River System Planning
 LEAD AGENCY: Department of the Interior, Heritage, Cultural and Recreation Services (HCERS) AUTHORITY(S): PL 90-542

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- 10 Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- 20 Natural, Hist., & Cult.
- Power and Energy
- 60 Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- 10 Instream Flows

DESCRIPTION

SUMMARY: To identify river and stream systems that have potential for addition to the National Wild and Scenic River System, or to a State system.

PURPOSE OR OBJECTIVES:

SUBREGION(S): **SUBBASIN(S):**

- Basinwide
- Upper Missouri
- Yellowstone
- Western Dakotas
- Eastern Dakotas
- Platte Niobrara
- Middle Missouri
- Kansas
- Lower Missouri

LOCATION

STATE(S):

COUNTY(S)/VICINITY:

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
HCERS - Colorado	X			2.5	2.5	2.5	2.5	2.5	2.5			X				
HCERS - Iowa	X			2	2	2	2	2	2			X				
HCERS - Kansas	X			5	5	5	5	5	5			X				
HCERS - Minnesota		DONE														
HCERS - Missouri	X			5	5	5	5	5	5			X				
HCERS - Montana	X			2	2	2	2	2	2							
HCERS - Nebraska	X			3	3	3	3	3	3			X				
HCERS - North Dakota	X			3	3	3	3	3	3			X				
HCERS - South Dakota	X			5	5	5	5	5	5			X				
HCERS - Wyoming		NO ACTIVITY														

Agency Contact: Emanuel Lauck
HCERS

Address: P.O. Box 25387
Denver, CO 80225

Phone: FTS 234-3523

R

NAME OF PROGRAM: Lewis and Clark National Historic Trail Management

HEAD AGENCY: United States Department of Interior, National Park Service (NPS) AUTHORITY(S):

PROGRAM STATUS
 Ongoing
 Resumption
 New Start

PROGRAM TYPE
 Data Collection
 Research
 Special Study
 Regional Planning
 Impl. Study
 Prog. Implement.

PROGRAM SCOPE
 A Framework Study
 B Basin Planning
 C-1 Preliminary Study
 C-2 Detailed Study

PROGRAM PURPOSES (Percent)
 Comprehensive
 Flood Damage Abatement
 Fish and Wildlife
 Irrigation
 Land Conserv. & Mgmt.
 M&I and Rural Water
 50 Natural, Hist., & Cult.
 Power and Energy
 50 Recreation
 Transportation
 Water Quality Mgmt.
 Legal and Institutional
 Instream Flows

DESCRIPTION
 SUMMARY: Comprehensive Plan for Management, use and marking of the trail, fully coordinated with Federal agencies, states, and advisory council

PURPOSE OR OBJECTIVES:

SUBREGION(S):
 SUBBASIN(S):
 Basinwide
 2, 3, 4, 6, X Upper Missouri
 7, 10 X Yellowstone
 11, 13, 14 X Western Dakotas
 17 X Eastern Dakotas
 Platte Niobrara
 23, 24 X Middle Missouri
 Kansas
 30 X Lower Missouri

LOCATION
 STATE(S): Missouri, Kansas, Iowa, Nebraska, North Dakota, South Dakota, Montana, Wyoming
 COUNTY(S)/VICINITY: Route of the Lewis and Clark Expedition 1804-1806
 STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING											Funding Source				
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
NPS																

Agency Contact: Bill Farrand National Park Service Address: 1709 Jackson St. Omaha, Ne 68102 Phone: FTS 864-3482

NAME OF PROGRAM: Oregon National Historic Trail Management Plan

LEAD AGENCY: United States Department of Interior, National Park Service (NPS) AUTHORITY(S):

PROGRAM STATUS

- Ongoing
- Resumption
- New Start

PROGRAM TYPE

- Data Collection
- Research
- Special Study
- Regional Planning
- Impl. Study
- Prog. Implement.

PROGRAM SCOPE

- A Framework Study
- B Basin Planning
- C-1 Preliminary Study
- C-2 Detailed Study

PROGRAM PURPOSES (Percent)

- Comprehensive
- Flood Damage Abatement
- Fish and Wildlife
- Irrigation
- Land Conserv. & Mgmt.
- M&I and Rural Water
- Natural, Hist., & Cult.
- Power and Energy
- Recreation
- Transportation
- Water Quality Mgmt.
- Legal and Institutional
- Instream Flows

DESCRIPTION

SUMMARY: Comprehensive Plan for Management, use and marking of the trail, fully coordinated with Federal agencies, states, and advisory council

PURPOSE OR OBJECTIVES:

SUBREGION(S):
 _____ Basinwide
 _____ Upper Missouri
 _____ Yellowstone
 _____ Western Dakotas
 _____ Eastern Dakotas
 _____ 18, 19, 20 x Platte Niobrara
 _____ Middle Missouri
 _____ Kansas
 _____ 27, 30 x Lower Missouri

LOCATION

STATE(S):
 Missouri
 Kansas
 Nebraska
 Wyoming

COUNTY(S)/VICINITY: Route of the Oregon Trail 1841-48, starting at Independence, Missouri

STATEWIDE

FUNDING SOURCE/AGENCY	ESTIMATED PROGRAM FUNDING										Funding Source					
	Cont.	Total	To Date	Budgeted 1979	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	Bal. to Complete	Direct	Share (%)	Grant	Loan	Other
NPS																

Agency Contact: Bill Farrand National Park Service Address: 1709 Jackson St. Omaha, Ne 68102 Phone: FTS 864-3482

