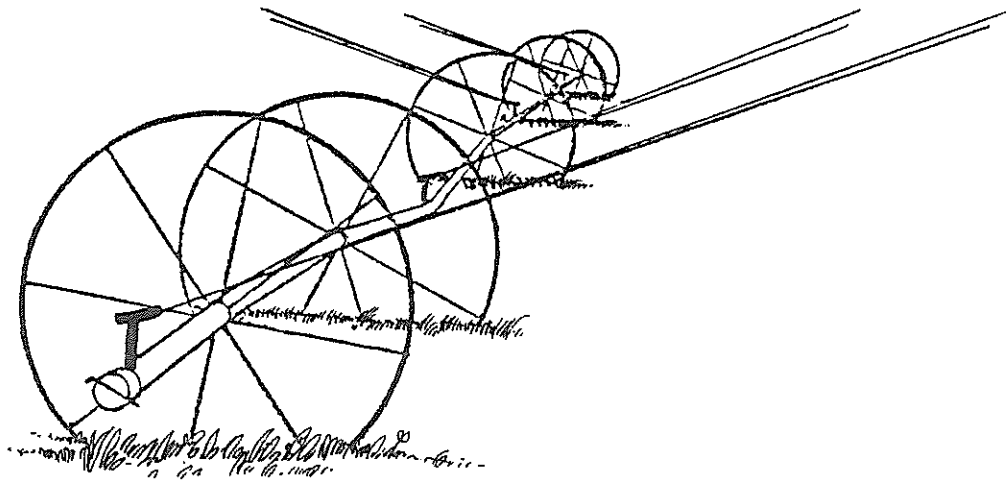
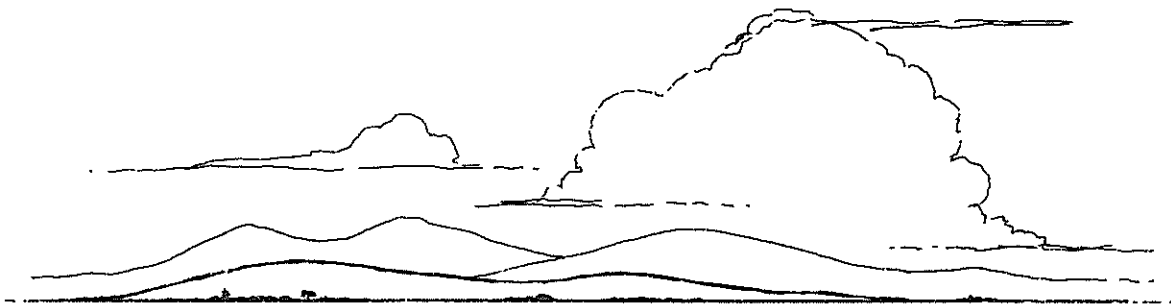


WATER USE IN NEW MEXICO IN 1985

by Brian Wilson



New Mexico State Engineer Office
Technical Report 46

November 1986

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Brian Wilson

Water Use and Reports Section
New Mexico State Engineer Office

This report contains water use data tabulated by
county and river basin for each of these categories.

URBAN
RURAL
IRRIGATED AGRICULTURE
LIVESTOCK
STOCKPOND EVAPORATION
COMMERCIAL
INDUSTRIAL
MINERALS
POWER
MILITARY
FISH AND WILDLIFE
RECREATION
RESERVOIR EVAPORATION

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CONTENTS

	Page
INTRODUCTION	1
Purpose	1
Content	1
Terminology	2
WATER USE CATEGORIES	2
SOURCES OF DATA	4
RELIABILITY OF DATA	5
NOTES OF INTEREST	5
Population	5
Irrigation	6
Minerals	7
Water Use in 1980 and 1985 Compared	7
SUMMARY OF 1985 WATER USE	8
REFERENCES	10
1985 WATER USE DATA	11
Explanation of Table Headings	13
Explanation of Data Elements and Other Annotations that Appear in the Tables	14
Table 1. Summary of Water Use in New Mexico	15
Table 2. Percent of Withdrawals Measured in Each Category	16
Table 3. Water Use in New Mexico Counties	17
Table 4. Water Use in New Mexico River Basins	50
Table 5. Urban, Rural and Military Water Use in New Mexico Counties	56
Table 6. Irrigated Agriculture: Water Use in New Mexico Counties	70
Table 7. Irrigated Agriculture: Summary of Water Use in New Mexico River Basins	78
MAPS OF NEW MEXICO	79
Figure 1. River Basins in New Mexico	81
Figure 2. Surface Water Drainage Basins in New Mexico ..	82
Figure 3. Lands in New Mexico Irrigated with Ground Water, Surface Water, and Ground and Surface Water Combined	83
Figure 4. Declared Groundwater Basins in New Mexico ...	84

WATER USE IN NEW MEXICO IN 1985

INTRODUCTION

Purpose

Water is a precious resource in this semi-arid state. Limited in quantity, and in some areas by its quality, it is a primary factor in determining the future growth of New Mexico. Because that growth is accelerating and placing an increasing demand upon the state's limited water resources, wise management of those resources is of paramount importance.

To make the necessary decisions regarding the efficient use of the state's water supply, current, accurate and comprehensive water information is needed. First, reliable data must be obtained. Then that data must be analyzed to identify trends and areas of concern. Finally, options for management actions to address problem areas need to be presented. With this information, decision makers from both government and the private sector can make informed decisions to ensure the conservation and wise use of the state's water resources.

The purpose of this water use report is to provide decision makers with the most comprehensive, current and useful water use data available so that informed decisions regarding the management of the state's water resources can be made.

Content

Withdrawals and depletions for 13 water use categories are tabulated by county and river basin. Each water use category is defined in the text and an overview of sources of data is presented, as well as a discussion of the reliability of the data. Maps showing the state's counties, river basins, declared groundwater basins and location of irrigated cropland are also included.

Terminology

Consumptive Irrigation Requirement (CIR): The quantity of irrigation water, exclusive of precipitation, stored soil moisture, or ground water that is required consumptively for crop production.

Consumptive Use (Evapotranspiration): The quantity of water used on a given area in transpiration, building of plant tissue, and evaporated from adjacent soil, water surface, snow, or intercepted precipitation in a specific period of time.

Depletion: That part of a withdrawal that has been evaporated, transpired, incorporated into crops or products, consumed by man or livestock, or otherwise removed.

Self-supplied: Water users who have their own well or withdraw water directly from a surface water supply are self-supplied. They do not use water supplied by a water utility that serves the general public.

Withdrawal: The quantity of water taken from a surface water or groundwater supply. A diversion is the same as a withdrawal.

WATER USE CATEGORIES

The 13 categories inventoried and reported in this publication are defined as follows:

URBAN: Includes public and private water utilities in cities and densely settled fringe areas which have a population of 2,500 inhabitants or more and self-supplied residences and mobile home parks within city limits. Does not include water used by self-supplied military installations.

RURAL: Includes public and private water utilities in towns, villages and settlements which have a population of less than 2,500 inhabitants and self-supplied mobile home parks and single home-steads such as farms and ranches.

IRRIGATED AGRICULTURE: Includes all farm crops to which ground water or surface water was applied during the growing season. Does not include self-supplied nurseries and greenhouses that grow ornamental trees, shrubs, decorative plants, or fruit and vegetables; self-supplied golf courses; or irrigation of crops grown on state and federal wildlife refuges.

LIVESTOCK: Includes drinking water consumed by livestock; water used for utensil cleaning, parlor wash down, cow washing and waste disposal on dairy farms; and water used for washing eggs on poultry farms. Water used for manufacturing butter, cheese and other dairy products and for slaughtering and meat processing is included in the INDUSTRIAL category.

STOCKPOND EVAPORATION: Evaporation from man-made stock watering ponds.

COMMERCIAL: Includes self-supplied hotels, motels, restaurants, office buildings and other trades and services, public or private. Water used by self-supplied greenhouses and nurseries, elementary, junior high and high schools, vocational training schools, colleges, universities and hospitals is included in this category.

INDUSTRIAL: Includes self-supplied manufacturing and processing enterprises such as computer component manufacturers, clothing manufacturers and food processing plants. Water used for the construction of highways, golf courses, subdivisions and other construction projects is included in this category.

MINERALS: Includes water used by self-supplied enterprises engaged in the extraction and processing of minerals and fossil fuels, mine dewatering and evaporation from tailings ponds. Water used for sand and gravel washing, ready-mix concrete, oil and gas well drilling, secondary recovery of oil, natural gas compressor stations, oil refineries and gas processing plants is included in this category.

MILITARY: Self-supplied military installations.

POWER: Includes all self-supplied power generating facilities.

FISH AND WILDLIFE: Includes evaporation from single purpose fish and wildlife reservoirs and lakes, irrigation of crops grown on wildlife refuges and water used in the operation of hatchery fish ladders.

RECREATION: Includes self-supplied land-based recreation in state and federal recreation areas; private campgrounds, recreational vehicle parks, organizational camps and resorts; evaporation from single purpose recreation lakes and ponds; and irrigation of self-supplied parks and golf courses.

RESERVOIR EVAPORATION: Evaporation from reservoirs and lakes other than single purpose fish and wildlife or recreation reservoirs and lakes.

SOURCES OF DATA

The sources of data used in the 1985 inventory are many. Wherever possible, measured withdrawals were used. These data were obtained from municipalities, many of which are served by water utilities; from facilities such as power plants, industrial and commercial enterprises, and mines and smelters; from records of water diverted into the canal systems of irrigation districts; and from records of water pumped from groundwater sources in declared groundwater basins.

Records of surface water diversions in 1985 were obtained for the following irrigation projects constructed by the U.S. Bureau of Reclamation: Arch Hurley Conservancy District, Carlsbad Irrigation District, Elephant Butte Irrigation District, Fort Sumner Irrigation District, Middle Rio Grande Conservancy District, Navajo Indian Irrigation Project, Pojoaque Valley Irrigation District and the Vermejo Conservancy District.

Where measured data were not available, withdrawals were estimated. Gallon per capita per day (gpcd) rates were used to estimate water use associated with livestock, recreational uses in parks, national monuments and campgrounds, and withdrawals for that part of the urban and rural population for which meter records were not available.

The number of inhabitants in New Mexico in 1985 was extrapolated from data in U.S. Bureau of the Census Report No. PC80-1-A33. Populations for communities not identified in the census report were obtained by contacting municipal administrators or were based on data collected by the New Mexico Environmental Improvement Division in recent water supply surveys.

The number of livestock was extracted from the New Mexico Crop and Livestock Reporting Service's 1985 edition of "New Mexico Agricultural Statistics."

Evaporation from major reservoirs was computed using 1985 weather data. Evaporation from smaller reservoirs and natural lakes was estimated by multiplying average lake surface areas by average annual net evaporation rates.

Forty-two percent of the total withdrawals shown for irrigation came from reported measured diversions. The remaining withdrawals were estimated as follows. First, consumptive irrigation requirements (CIR) were computed using the Blaney-Criddle method and 1985 weather data. Incidental depletions were then added to the computed CIRs. This sum was then divided by the farm efficiency to obtain farm delivery requirements. If surface water supplies were used, farm delivery requirements were divided by the

system efficiency to estimate stream diversions. In areas where surface water supplies were insufficient to meet irrigation demands, the estimated stream diversions were adjusted to reflect these shortages.

Irrigated cropland acreage was compiled by Bob Lansford and Craig Maple at the Department of Agricultural Economics and Agricultural Business, New Mexico State University. These individuals collected data from many different sources including the U.S. Bureau of Indian Affairs, U.S. Bureau of Reclamation; USDA Agricultural Stabilization and Conservation Service, Soil Conservation Service, and county agents; the New Mexico Crop and Livestock Reporting Service; and the New Mexico State Engineer Office.

RELIABILITY OF DATA

Measured withdrawals were available for 11 of the 13 water use categories. Fifty-one percent of the total withdrawals were measured. If evaporation from reservoirs, lakes and stockponds is subtracted, measured withdrawals amount to 47 percent of the total.

Irrigation depletions were estimated by computing the weighted consumptive irrigation requirements for cropping patterns and adding incidental depletions to these quantities. Incidental depletions include evaporation from canals, laterals and farm ditches, evaporation from sprinkler systems, evapotranspiration from phreatophytes along ditches, and evaporation and evapotranspiration from seepage areas below farms. A number of studies have established the percentage of the withdrawals that is depleted for other use categories and these percentages were used to estimate depletions.

NOTES OF INTEREST

Population

The population of New Mexico in 1985 was estimated by the author of this report at 1,417,790. This is an increase of 114,896 or 8.8 percent of the state's 1980 population of 1,302,894 as reported by the U.S. Bureau of the Census. While most cities showed an increase in population, the city of Grants in Cibola County experienced a decrease of 4,655 from 11,451 in 1980 to 6,796 in 1985 due to the decline in the uranium mining industry. Milan also experienced a decrease in population, though it was not as drastic as Grants.

Irrigation

The winter of 1984-85 blanketed New Mexico's mountains with a heavy snowpack. Snowmelt in the spring of 1985 yielded above normal runoff, swelling streams and rivers and filling many reservoirs to their full storage capacity. Most farmers who irrigate with surface water had a full supply throughout the irrigation season.

In the summer and fall of 1985, farmers in the southeastern part of the state experienced severe and erratic weather conditions. In the Carlsbad area, more than 20 inches of rain fell during the year. Loving received 25 inches. The annual rainfall for this area is normally 12.7 inches. On September 19, a thunderstorm unleashed 6.5 inches of rain near Loving resulting in widespread flooding and damage to crops, farmland and irrigation facilities. Three hailstorms in this same area caused extensive damage to many crops, particularly cotton and alfalfa.

Low market prices for crops and the high cost of pumping in areas where ground water is the primary source of water discouraged many farmers from irrigating during the 1985 growing season. In some areas such as the High Plains of eastern New Mexico, many thousands of acres were planted but not irrigated. Many farmers participated in the U.S. Department of Agriculture's Payment-in Kind (PIK) program and did not plant in 1985. All of these factors are responsible for a reduction in the acreage that has been irrigated in the last five years. The total irrigated cropland acreage, including wildlife refuges, to which water was applied during the growing season was reduced from 1,087,120 in 1980 to 945,798 in 1985, a decrease of 141,322 acres.

The table which follows is designed to answer a frequently asked question -- How many acres are irrigated by drip? By flood? By sprinkler? Acreage irrigated by surface water (SW) and ground water (GW) is shown for each type of irrigation.

ACREAGE IRRIGATED BY DRIP, FLOOD AND SPRINKLER IN 1985			
	ACRES		
TYPE OF IRRIGATION	SW	GW	TOTAL
Drip	1,123	5,666	6,789
Flood			
Wildlife Refuges	2,049	237	2,286
All Other Ir-Ag	342,978	233,859	576,837
Sprinkler	57,914	301,972	359,886
TOTAL	404,064	541,734	945,798

It is important to note that most crops grown on the Bosque del Apache wildlife refuge in Socorro County are sold commercially. For this reason, the irrigated acreage on this refuge is tabulated in IRRIGATED AGRICULTURE rather than FISH AND WILDLIFE.

Minerals

In the southeastern part of the state, namely Chaves, Eddy, Lea and Roosevelt counties, the decline in oil and gas prices in 1984-1985 resulted in workers being laid off their jobs at oil refineries and gas processing plants. Several companies shut down their operations completely.

On the western side of the state, namely Cibola and McKinley counties, nearly all of the uranium mines that were active in 1980 have shut down, dewatering has been discontinued, and mine shafts have been flooded. Those companies which were still active in 1985 were operating on a marginal basis and several of the mining companies are only engaged in reclamation operations to meet the U.S. Environmental Protection Agency's cleanup regulations.

Overall, activity in the mining industry has declined significantly since 1980 and this is reflected in the 1985 water use data.

Water Use in 1980 and 1985 Compared

Definitions of the URBAN, RURAL, COMMERCIAL and INDUSTRIAL water use categories were revised in 1985 to eliminate some apparent contradictions that have created confusion for those who compile the data, as well as individuals who use the published results.

Self-supplied schools, universities, and hospitals that were tabulated in the URBAN water use category in 1980 were shifted to COMMERCIAL in 1985. Withdrawals for the construction of highways, golf courses, subdivisions and other construction projects which were tabulated in COMMERCIAL in 1980 were shifted to INDUSTRIAL in 1985. The 1980 withdrawals for the URBAN, COMMERCIAL and INDUSTRIAL categories have been adjusted to reflect these changes.

In the 1985 inventory, evaporation from Ute Reservoir was shifted from FISH AND WILDLIFE where it was tabulated in 1980 to RESERVOIR EVAPORATION. Withdrawals for FISH AND WILDLIFE in 1980 have been adjusted to reflect this change and to include the water use at three fish hatcheries that were overlooked in the 1980 inventory.

All of these adjustments to the 1980 water use data have been incorporated into the table below. Surface water (SW) and groundwater (GW) withdrawals are shown in thousands of acre-feet (KAF).

WATER USE CATEGORY	TOTAL WITHDRAWALS IN 1980 AND 1985			
	1980	1985	CHANGE	(%)
Urban	230.6	245.8	15.2	6.6
Rural	31.7	37.8	6.1	19.2
Irrigated Agriculture	3,432.2	3,161.9	-270.3	-7.9
Livestock	21.6	20.5	-1.1	-5.1
Stockpond Evaporation	35.7	35.7	0.0	0.0
Commercial	7.8	8.2	0.4	5.1
Industrial	0.9	0.8	-0.1	-11.1
Minerals	108.9	91.6	-17.3	-15.9
Military	13.2	11.7	-1.5	-11.4
Power	72.4	65.7	-6.7	-9.2
Fish and Wildlife	36.9	43.3	6.4	17.3
Recreation	13.1	12.1	-1.0	-7.6
Reservoir Evaporation	379.6	423.5	43.9	11.6
TOTAL	4,384.6	4,158.6	-226.0	-5.2

Surface water withdrawals decreased 26,159 acre-feet (AF) or 1.1 percent from 2,482,690 AF in 1980 to 2,456,531 AF in 1985. Groundwater withdrawals decreased 200,537 AF, or 10.5 percent from 1,902,620 AF in 1980 to 1,702,083 AF in 1985.

SUMMARY OF 1985 WATER USE

Withdrawals from all sources of water in 1985 totaled 4,158,614 AF. Surface water accounted for 2,456,531 AF or 59.1 percent of the total withdrawal and ground water for 1,702,083 AF or 40.9 percent.

Depletions for all withdrawals in 1985 totaled 2,171,786 AF. Surface water accounted for 1,207,307 AF or 55.6 percent of the total depletion and ground water for 964,479 AF or 44.4 percent.

IRRIGATED AGRICULTURE accounted for 3,161,950 AF or 76.0 percent of the total withdrawals and 1,427,342 AF or 65.7 percent of the total depletions. Approximately 58.5 percent of the withdrawals for IRRIGATED AGRICULTURE came from surface water supplies and 41.5 percent from ground water.

The total irrigated cropland acreage for IRRIGATED AGRICULTURE in 1985 was 943,512 acres. This does not include 2,286 acres of irrigated cropland on wildlife refuges (see Irrigation under NOTES OF INTEREST). Approximately 61.1 percent of the 943,512 acres were irrigated by flood, 38.2 percent by sprinkler, and 0.7 percent by drip.

URBAN and RURAL accounted for 283,485 AF or 6.8 percent of the total withdrawals and 137,903 AF or 6.3 percent of the total depletions. Approximately 89.7 percent of the URBAN and RURAL withdrawals were pumped from groundwater supplies.

Seventy-one percent or 1,010,692 of the state's 1985 population of 1,417,790 live in urban communities.

Together, URBAN, RURAL and IRRIGATED AGRICULTURE accounted for 82.8 percent of the total withdrawals and 72.0 percent of the total depletions.

All of the remaining water use categories accounted for 713,179 AF or 17.2 percent of the total withdrawals and 606,541 AF or 28.0 percent of the total depletions. Eighty-one percent of the withdrawals for these other categories came from surface water supplies and 19 percent from ground water.

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U.S. Bureau of the Census, 1982. 1980 census of population: number of inhabitants in New Mexico. U.S. Department of Commerce Report No. PC80-1-A33, 37 p.

1985 WATER USE DATA

TABLE 1. SUMMARY OF WATER USE IN NEW MEXICO

TABLE 2. PERCENT OF WITHDRAWALS MEASURED IN EACH
CATEGORY

TABLE 3. WATER USE IN NEW MEXICO COUNTIES

TABLE 4. WATER USE IN NEW MEXICO RIVER BASINS

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW
MEXICO COUNTIES

TABLE 6. IRRIGATED AGRICULTURE: WATER USE IN NEW
MEXICO COUNTIES

TABLE 7. IRRIGATED AGRICULTURE: SUMMARY OF WATER USE
IN NEW MEXICO RIVER BASINS

EXPLANATION OF TABLE HEADINGS

- % = Percent of total
- ==> = This symbol is used as a pointer for county names in Tables 5 and 6
- ACRES = Acreage to which irrigation water was applied during the growing season
- AF = Acre-feet of water. An acre-foot is the amount of water that would cover one acre with 12 inches of water. There are 325,841 gallons in an acre-foot of water.
- GPCD = Gallons per capita per day
- GW = Ground water
- GWACRES = When ground water is used to supplement the water supply for fields irrigated with surface water, the source of water is designated as combined water. GWACRES is that part of the acreage irrigated by combined water that was supplied by ground water.
- KAF = Thousands of AF
- POP = Population
- SW = Surface water
- SWACRES = When ground water is used to supplement the water supply for fields irrigated with surface water, the source of water is designated as combined water. SWACRES is that part of the acreage irrigated by combined water that was supplied by surface water.
- T = Type of irrigation system or what is referred to as the water application method
- WGW = Withdrawal -- ground water
- WSW = Withdrawal -- surface water

EXPLANATION OF DATA ELEMENTS AND OTHER
ANNOTATIONS THAT APPEAR IN THE TABLES

When a county is separated into two or more river basins, the data are annotated with a basin designation in parentheses such as (RG). The following basin abbreviations are used:

AWR = Arkansas-White-Red

LC = Lower Colorado

P = Pecos

RG = Rio Grande

TG = Texas Gulf

UC = Upper Colorado

Type of irrigation system (T) is indicated by D, F, S or W where:

D = Drip. Also referred to as trickle.

F = Flood. Includes basin, border strip,
and furrow irrigation.

S = Sprinkler

W = Wild flooding. Also referred to as
floodwater spreading.

TABLE 1. SUMMARY OF WATER USE IN NEW MEXICO
 DATAYEAR = 1985 : WATER UNITS = KAF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	27.9	217.9	245.8	5.9	12.8	107.1	119.9	5.5
RURAL	1.4	36.4	37.8	0.9	0.6	17.4	18.0	0.8
IRRIGATED AGRICULTURE	1848.5	1313.4	3161.9	76.0	663.0	764.3	1427.3	65.7
LIVESTOCK	8.3	12.2	20.5	0.5	8.3	11.4	19.7	0.9
STOCKPOND EVAPORATION	35.7	0.0	35.7	0.9	35.7	0.0	35.7	1.6
COMMERCIAL	0.0	8.2	8.2	0.2	0.0	4.2	4.2	0.2
INDUSTRIAL	0.4	0.4	0.8	0.0	0.4	0.3	0.7	0.0
MINERALS	14.0	77.6	91.6	2.2	5.5	34.0	39.5	1.8
MILITARY	1.0	10.7	11.7	0.3	0.6	6.5	7.1	0.3
POWER	53.7	12.0	65.7	1.6	36.4	12.0	48.4	2.2
FISH AND WILDLIFE	40.3	3.0	43.3	1.0	19.1	0.5	19.6	0.9
RECREATION	1.8	10.3	12.1	0.3	1.4	6.8	8.2	0.4
RESERVOIR EVAPORATION	423.5	0.0	423.5	10.2	423.5	0.0	423.5	19.5
TOTALS	2456.5	1702.1	4158.6	100.0	1207.3	964.5	2171.8	100.0

KEY: KAF = Thousands of acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 2. PERCENT OF WITHDRAWALS MEASURED IN EACH CATEGORY
 DATAYEAR = 1985

CATEGORY	PERCENT MEASURED
URBAN	92
RURAL	22
IRRIGATED AGRICULTURE	42
LIVESTOCK	0
STOCKPOND EVAPORATION	0
COMMERCIAL	37
INDUSTRIAL	75
MINERALS	70
MILITARY	99
POWER	99
FISH AND WILDLIFE	55
RECREATION	1
RESERVOIR EVAPORATION	91

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = BERNALILLO : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	118428	118428	62.2	0	59214	59214	74.7
RURAL	0	2464	2464	1.3	0	1232	1232	1.6
IRRIGATED AGRICULTURE	53829	2859	56688	29.8	9202	1206	10408	13.1
LIVESTOCK	113	427	540	0.3	113	374	487	0.6
STOCKPOND EVAPORATION	252	0	252	0.1	252	0	252	0.3
COMMERCIAL	0	2938	2938	1.5	0	1497	1497	1.9
INDUSTRIAL	0	126	126	0.1	0	92	92	0.1
MINERALS	0	647	647	0.3	0	512	512	0.6
MILITARY	0	5340	5340	2.8	0	3204	3204	4.0
POWER	0	742	742	0.4	0	742	742	0.9
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	1954	1954	1.0	0	1298	1298	1.6
RESERVOIR EVAPORATION	357	0	357	0.2	357	0	357	0.5
TOTALS	54551	135925	190476	100.0	9924	69371	79295	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = CATRON : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	0	0	0.0	0	0	0	0.0
RURAL	0	229	229	1.8	0	104	104	3.1
IRRIGATED AGRICULTURE	9128	377	9505	76.2	1127	173	1300	38.9
LIVESTOCK	240	243	483	3.9	240	242	482	14.4
STOCKPOND EVAPORATION	886	0	886	7.1	886	0	886	26.5
COMMERCIAL	0	10	10	0.1	0	5	5	0.1
INDUSTRIAL	0	10	10	0.1	0	5	5	0.1
MINERALS	0	3	3	0.0	0	0	0	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	1321	1	1322	10.6	531	1	532	15.9
RECREATION	0	0	0	0.0	0	0	0	0.0
RESERVOIR EVAPORATION	24	0	24	0.2	24	0	24	0.7
TOTALS	11599	873	12472	100.0	2808	530	3338	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = CHAVES : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	10661	10661	3.7	0	5331	5331	3.3
RURAL	0	1859	1859	0.6	0	930	930	0.6
IRRIGATED AGRICULTURE	24811	236499	261310	90.5	10448	133551	143999	89.0
LIVESTOCK	791	1464	2255	0.8	791	1330	2121	1.3
STOCKPOND EVAPORATION	2525	0	2525	0.9	2525	0	2525	1.6
COMMERCIAL	0	103	103	0.0	0	52	52	0.0
INDUSTRIAL	0	21	21	0.0	0	20	20	0.0
MINERALS	0	1064	1064	0.4	0	60	60	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	4821	2250	7071	2.4	4821	119	4940	3.1
RECREATION	0	202	202	0.1	0	131	131	0.1
RESERVOIR EVAPORATION	1626	0	1626	0.6	1626	0	1626	1.0
TOTALS	34574	254123	288697	100.0	20211	141524	161735	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = CIBOLA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	1553	1553	5.4	0	699	699	4.7
RURAL	0	1520	1520	5.3	0	684	684	4.6
IRRIGATED AGRICULTURE	14434	2167	16601	57.7	4329	888	5217	35.4
LIVESTOCK	122	125	247	0.9	122	124	246	1.7
STOCKPOND EVAPORATION	1127	0	1127	3.9	1127	0	1127	7.6
COMMERCIAL	0	13	13	0.0	0	7	7	0.0
INDUSTRIAL	0	3	3	0.0	0	2	2	0.0
MINERALS	0	3417	3417	11.9	0	2563	2563	17.4
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	3237	3237	11.2	0	3237	3237	21.9
FISH AND WILDLIFE	100	0	100	0.3	100	0	100	0.7
RECREATION	0	240	240	0.8	0	156	156	1.1
RESERVOIR EVAPORATION	717	0	717	2.5	717	0	717	4.9
TOTALS	16500	12275	28775	100.0	6395	8360	14755	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = COLFAX : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	1484	0	1484	2.0	668	0	668	1.8
RURAL	546	246	792	1.1	246	111	357	1.0
IRRIGATED AGRICULTURE	54827	242	55069	73.9	19691	157	19848	53.2
LIVESTOCK	350	356	706	0.9	350	355	705	1.9
STOCKPOND EVAPORATION	2124	0	2124	2.9	2124	0	2124	5.7
COMMERCIAL	0	1	1	0.0	0	1	1	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	475	21	496	0.7	333	3	336	0.9
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	74	0	74	0.1	74	0	74	0.2
FISH AND WILDLIFE	732	0	732	1.0	234	0	234	0.6
RECREATION	0	190	190	0.3	0	116	116	0.3
RESERVOIR EVAPORATION	12824	0	12824	17.2	12824	0	12824	34.4
TOTALS	73436	1056	74492	100.0	36544	743	37287	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = CURRY : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	5614	5614	2.7	0	2807	2807	2.2
RURAL	0	563	563	0.3	0	283	283	0.2
IRRIGATED AGRICULTURE	0	195594	195594	95.2	0	120725	120725	95.2
LIVESTOCK	585	677	1262	0.6	585	659	1244	1.0
STOCKPOND EVAPORATION	648	0	648	0.3	648	0	648	0.5
COMMERCIAL	0	0	0	0.0	0	0	0	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	11	11	0.0	0	2	2	0.0
MILITARY	0	1330	1330	0.6	0	798	798	0.6
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	433	433	0.2	0	283	283	0.2
RESERVOIR EVAPORATION	0	0	0	0.0	0	0	0	0.0
TOTALS	1233	204222	205455	100.0	1233	125557	126790	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = DE BACA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	0	0	0.0	0	0	0	0.0
RURAL	0	413	413	0.6	0	207	207	0.7
IRRIGATED AGRICULTURE	39524	15865	55389	84.0	11565	9692	21257	67.4
LIVESTOCK	207	224	431	0.7	207	221	428	1.4
STOCKPOND EVAPORATION	508	0	508	0.8	508	0	508	1.6
COMMERCIAL	0	9	9	0.0	0	5	5	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	14	14	0.0	0	2	2	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	163	0	163	0.2	163	0	163	0.5
RECREATION	0	0	0	0.0	0	0	0	0.0
RESERVOIR EVAPORATION	8980	0	8980	13.6	8980	0	8980	28.5
TOTALS	49382	16525	65907	100.0	21423	10127	31550	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = DONA ANA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	16021	16021	3.4	0	8012	8012	4.2
RURAL	0	5399	5399	1.2	0	2701	2701	1.4
IRRIGATED AGRICULTURE	376465	58183	434648	93.2	139150	33449	172599	90.5
LIVESTOCK	136	1576	1712	0.4	136	1309	1445	0.8
STOCKPOND EVAPORATION	340	0	340	0.1	340	0	340	0.2
COMMERCIAL	0	1792	1792	0.4	0	930	930	0.5
INDUSTRIAL	0	57	57	0.0	0	32	32	0.0
MINERALS	0	181	181	0.0	0	60	60	0.0
MILITARY	0	2058	2058	0.4	0	1235	1235	0.6
POWER	0	1601	1601	0.3	0	1601	1601	0.8
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	160	2485	2645	0.6	160	1629	1789	0.9
RESERVOIR EVAPORATION	0	0	0	0.0	0	0	0	0.0
TOTALS	377101	89353	466454	100.0	139786	50958	190744	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = EDDY : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	13700	13700	5.8	0	6851	6851	5.2
RURAL	0	1207	1207	0.5	0	604	604	0.5
IRRIGATED AGRICULTURE	99235	82131	181366	76.9	43041	46726	89767	67.5
LIVESTOCK	364	399	763	0.3	364	392	756	0.6
STOCKPOND EVAPORATION	498	0	498	0.2	498	0	498	0.4
COMMERCIAL	0	38	38	0.0	0	19	19	0.0
INDUSTRIAL	238	104	342	0.1	238	104	342	0.3
MINERALS	0	5909	5909	2.5	0	2678	2678	2.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	543	543	0.2	0	293	293	0.2
RECREATION	565	737	1302	0.6	367	463	830	0.6
RESERVOIR EVAPORATION	30285	0	30285	12.8	30285	0	30285	22.8
TOTALS	131185	104768	235953	100.0	74793	58130	132923	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = GRANT : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	1667	1667	2.8	0	834	834	3.7
RURAL	0	1226	1226	2.0	0	614	614	2.7
IRRIGATED AGRICULTURE	27738	3667	31405	52.1	2817	1921	4738	21.1
LIVESTOCK	330	336	666	1.1	330	335	665	3.0
STOCKPOND EVAPORATION	836	0	836	1.4	836	0	836	3.7
COMMERCIAL	0	10	10	0.0	0	6	6	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	10087	12797	22884	38.0	4156	9022	13178	58.7
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	520	520	0.9	0	520	520	2.3
FISH AND WILDLIFE	431	0	431	0.7	431	0	431	1.9
RECREATION	0	11	11	0.0	0	10	10	0.0
RESERVOIR EVAPORATION	632	0	632	1.0	632	0	632	2.8
TOTALS	40054	20234	60288	100.0	9202	13262	22464	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = GUADALUPE : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	0	0	0.0	0	0	0	0.0
RURAL	0	770	770	2.0	0	386	386	1.4
IRRIGATED AGRICULTURE	16657	898	17555	45.8	6995	484	7479	26.9
LIVESTOCK	235	238	473	1.2	235	237	472	1.7
STOCKPOND EVAPORATION	710	0	710	1.9	710	0	710	2.6
COMMERCIAL	0	12	12	0.0	0	6	6	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	5	5	0.0	0	1	1	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	41	0	41	0.1	41	0	41	0.1
RECREATION	26	164	190	0.5	26	108	134	0.5
RESERVOIR EVAPORATION	18556	0	18556	48.4	18556	0	18556	66.8
TOTALS	36225	2087	38312	100.0	26563	1222	27785	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = HARDING : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	0	0	0.0	0	0	0	0.0
RURAL	0	125	125	1.9	0	56	56	1.1
IRRIGATED AGRICULTURE	0	3540	3540	53.9	0	2236	2236	43.1
LIVESTOCK	261	264	525	8.0	261	263	524	10.1
STOCKPOND EVAPORATION	1626	0	1626	24.8	1626	0	1626	31.4
COMMERCIAL	0	0	0	0.0	0	0	0	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	18	18	0.3	0	6	6	0.1
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	221	0	221	3.4	221	0	221	4.3
RECREATION	0	1	1	0.0	0	1	1	0.0
RESERVOIR EVAPORATION	512	0	512	7.8	512	0	512	9.9
TOTALS	2620	3948	6568	100.0	2620	2562	5182	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = HIDALGO : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	836	836	2.0	0	418	418	1.7
RURAL	0	199	199	0.5	0	101	101	0.4
IRRIGATED AGRICULTURE	267	33351	33618	80.0	179	16461	16640	69.1
LIVESTOCK	244	266	510	1.2	244	265	509	2.1
STOCKPOND EVAPORATION	780	0	780	1.9	780	0	780	3.2
COMMERCIAL	0	153	153	0.4	0	96	96	0.4
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	5663	5663	13.5	0	5423	5423	22.5
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	36	36	0.1	0	36	36	0.1
FISH AND WILDLIFE	0	228	228	0.5	0	59	59	0.2
RECREATION	0	0	0	0.0	0	0	0	0.0
RESERVOIR EVAPORATION	10	0	10	0.0	10	0	10	0.0
TOTALS	1301	40732	42033	100.0	1213	22859	24072	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = LEA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	12818	12818	8.7	0	5768	5768	7.7
RURAL	0	949	949	0.6	0	475	475	0.6
IRRIGATED AGRICULTURE	0	98409	98409	67.1	0	56469	56469	75.4
LIVESTOCK	310	417	727	0.5	310	396	706	0.9
STOCKPOND EVAPORATION	279	0	279	0.2	279	0	279	0.4
COMMERCIAL	0	1111	1111	0.8	0	558	558	0.7
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	25783	25783	17.6	0	4203	4203	5.6
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	5708	5708	3.9	0	5708	5708	7.6
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	285	602	887	0.6	285	397	682	0.9
RESERVOIR EVAPORATION	0	0	0	0.0	0	0	0	0.0
TOTALS	874	145797	146671	100.0	874	73974	74848	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = LINCOLN : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	1755	514	2269	7.7	790	108	898	6.2
RURAL	469	233	702	2.4	211	104	315	2.2
IRRIGATED AGRICULTURE	16188	7253	23441	79.7	6960	3622	10582	72.8
LIVESTOCK	275	281	556	1.9	275	280	555	3.8
STOCKPOND EVAPORATION	1475	0	1475	5.0	1475	0	1475	10.2
COMMERCIAL	0	36	36	0.1	0	18	18	0.1
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	14	14	0.0	0	1	1	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	38	655	693	2.4	38	430	468	3.2
RESERVOIR EVAPORATION	214	0	214	0.7	214	0	214	1.5
TOTALS	20414	8986	29400	100.0	9963	4563	14526	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = LOS ALAMOS : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	5541	5541	97.2	0	2493	2493	94.0
RURAL	0	3	3	0.1	0	2	2	0.1
IRRIGATED AGRICULTURE	0	0	0	0.0	0	0	0	0.0
LIVESTOCK	0	0	0	0.0	0	0	0	0.0
STOCKPOND EVAPORATION	5	0	5	0.1	5	0	5	0.2
COMMERCIAL	0	3	3	0.1	0	2	2	0.1
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	0	0	0.0	0	0	0	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	149	149	2.6	0	149	149	5.6
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	2	2	0.0	0	2	2	0.1
RESERVOIR EVAPORATION	0	0	0	0.0	0	0	0	0.0
TOTALS	5	5698	5703	100.0	5	2648	2653	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = LUNA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	3196	3196	2.2	0	1598	1598	2.5
RURAL	0	537	537	0.4	0	269	269	0.4
IRRIGATED AGRICULTURE	33062	106825	139887	96.4	10579	50563	61142	95.1
LIVESTOCK	235	277	512	0.4	235	273	508	0.8
STOCKPOND EVAPORATION	190	0	190	0.1	190	0	190	0.3
COMMERCIAL	0	12	12	0.0	0	7	7	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	422	422	0.3	0	298	298	0.5
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	395	395	0.3	0	260	260	0.4
RESERVOIR EVAPORATION	15	0	15	0.0	15	0	15	0.0
TOTALS	33502	111664	145166	100.0	11019	53268	64287	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = MCKINLEY : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	3958	3958	11.9	0	1781	1781	9.2
RURAL	0	2201	2201	6.6	0	990	990	5.1
IRRIGATED AGRICULTURE	7775	0	7775	23.3	2487	0	2487	12.8
LIVESTOCK	251	254	505	1.5	251	253	504	2.6
STOCKPOND EVAPORATION	1733	0	1733	5.2	1733	0	1733	8.9
COMMERCIAL	0	130	130	0.4	0	65	65	0.3
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	11782	11782	35.3	0	6590	6590	34.0
MILITARY	0	110	110	0.3	0	66	66	0.3
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	10	10	0.0	0	10	10	0.1
RESERVOIR EVAPORATION	5168	0	5168	15.5	5168	0	5168	26.6
TOTALS	14927	18445	33372	100.0	9639	9755	19394	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = MORA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	0	0	0.0	0	0	0	0.0
RURAL	0	465	465	1.0	0	209	209	1.0
IRRIGATED AGRICULTURE	41334	8	41342	88.9	15332	6	15338	75.8
LIVESTOCK	151	154	305	0.7	151	153	304	1.5
STOCKPOND EVAPORATION	497	0	497	1.1	497	0	497	2.5
COMMERCIAL	0	0	0	0.0	0	0	0	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	0	0	0.0	0	0	0	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	2162	0	2162	4.6	2162	0	2162	10.7
RECREATION	0	5	5	0.0	0	5	5	0.0
RESERVOIR EVAPORATION	1727	0	1727	3.7	1727	0	1727	8.5
TOTALS	45871	632	46503	100.0	19869	373	20242	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = DTERO : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	5863	740	6603	11.4	2932	371	3303	11.2
RURAL	0	1205	1205	2.1	0	604	604	2.1
IRRIGATED AGRICULTURE	12626	24061	36687	63.2	5372	16058	21430	73.0
LIVESTOCK	196	211	407	0.7	196	210	406	1.4
STOCKPOND EVAPORATION	864	0	864	1.5	864	0	864	2.9
COMMERCIAL	0	31	31	0.1	0	16	16	0.1
INDUSTRIAL	0	1	1	0.0	0	1	1	0.0
MINERALS	0	119	119	0.2	0	24	24	0.1
MILITARY	1050	1899	2949	5.1	630	1139	1769	6.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	7890	0	7890	13.6	15	0	15	0.1
RECREATION	474	788	1262	2.2	419	517	936	3.2
RESERVOIR EVAPORATION	0	0	0	0.0	0	0	0	0.0
TOTALS	28963	29055	58018	100.0	10428	18940	29368	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = QUAY : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	1807	1807	1.7	0	813	813	1.7
RURAL	0	427	427	0.4	0	214	214	0.4
IRRIGATED AGRICULTURE	68810	14369	83179	80.1	19358	8872	28230	59.2
LIVESTOCK	333	345	678	0.7	333	343	676	1.4
STOCKPOND EVAPORATION	5292	0	5292	5.1	5292	0	5292	11.1
COMMERCIAL	0	0	0	0.0	0	0	0	0.0
INDUSTRIAL	0	11	11	0.0	0	6	6	0.0
MINERALS	0	12	12	0.0	0	2	2	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	98	15	113	0.1	64	15	79	0.2
RESERVOIR EVAPORATION	12381	0	12381	11.9	12381	0	12381	26.0
TOTALS	86914	16986	103900	100.0	37428	10265	47693	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = RIO ARRIBA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	670	670	0.5	0	302	302	0.5
RURAL	296	1439	1735	1.4	133	648	781	1.3
IRRIGATED AGRICULTURE	94194	1076	95270	74.9	28256	449	28705	49.1
LIVESTOCK	196	200	396	0.3	196	199	395	0.7
STOCKPOND EVAPORATION	1500	0	1500	1.2	1500	0	1500	2.6
COMMERCIAL	0	188	188	0.1	0	105	105	0.2
INDUSTRIAL	0	4	4	0.0	0	3	3	0.0
MINERALS	0	852	852	0.7	0	118	118	0.2
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	34	0	34	0.0	34	0	34	0.1
RECREATION	0	15	15	0.0	0	15	15	0.0
RESERVOIR EVAPORATION	26512	0	26512	20.8	26512	0	26512	45.3
TOTALS	122732	4444	127176	100.0	56631	1839	58470	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = ROOSEVELT : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	4197	4197	1.9	0	2099	2099	1.6
RURAL	0	395	395	0.2	0	198	198	0.1
IRRIGATED AGRICULTURE	0	208993	208993	96.8	0	130317	130317	97.0
LIVESTOCK	173	607	780	0.4	173	522	695	0.5
STOCKPOND EVAPORATION	797	0	797	0.4	797	0	797	0.6
COMMERCIAL	0	0	0	0.0	0	0	0	0.0
INDUSTRIAL	0	17	17	0.0	0	9	9	0.0
MINERALS	0	622	622	0.3	0	65	65	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	23	153	176	0.1	23	99	122	0.1
RESERVOIR EVAPORATION	0	0	0	0.0	0	0	0	0.0
TOTALS	993	214984	215977	100.0	993	133309	134302	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = SANDOVAL : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	5192	5192	8.1	0	2564	2564	8.7
RURAL	49	1609	1658	2.6	25	806	831	2.8
IRRIGATED AGRICULTURE	38118	648	38766	60.8	8215	264	8479	28.8
LIVESTOCK	106	191	297	0.5	106	174	280	1.0
STOCKPOND EVAPORATION	998	0	998	1.6	998	0	998	3.4
COMMERCIAL	0	61	61	0.1	0	31	31	0.1
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	558	558	0.9	0	18	18	0.1
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	19	19	0.0	0	19	19	0.1
FISH AND WILDLIFE	60	0	60	0.1	60	0	60	0.2
RECREATION	0	31	31	0.0	0	31	31	0.1
RESERVOIR EVAPORATION	16151	0	16151	25.3	16151	0	16151	54.8
TOTALS	55482	8309	63791	100.0	25555	3907	29462	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = SAN JUAN : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	11495	0	11495	2.2	5172	0	5172	1.7
RURAL	0	2519	2519	0.5	0	1134	1134	0.4
IRRIGATED AGRICULTURE	401293	0	401293	77.5	208545	0	208545	70.4
LIVESTOCK	222	279	501	0.1	222	268	490	0.2
STOCKPOND EVAPORATION	2493	0	2493	0.5	2493	0	2493	0.8
COMMERCIAL	0	0	0	0.0	0	0	0	0.0
INDUSTRIAL	190	13	203	0.0	190	13	203	0.1
MINERALS	1246	3472	4718	0.9	657	1457	2114	0.7
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	53653	0	53653	10.4	36317	0	36317	12.3
FISH AND WILDLIFE	1569	0	1569	0.3	675	0	675	0.2
RECREATION	61	325	386	0.1	40	217	257	0.1
RESERVOIR EVAPORATION	38817	0	38817	7.5	38817	0	38817	13.1
TOTALS	511039	6608	517647	100.0	293128	3089	296217	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = SAN MIGUEL : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	3008	0	3008	4.4	1354	0	1354	3.1
RURAL	0	671	671	1.0	0	303	303	0.7
IRRIGATED AGRICULTURE	25986	407	26393	38.9	10953	264	11217	25.9
LIVESTOCK	312	318	630	0.9	312	317	629	1.5
STOCKPOND EVAPORATION	724	0	724	1.1	724	0	724	1.7
COMMERCIAL	0	207	207	0.3	0	104	104	0.2
INDUSTRIAL	0	8	8	0.0	0	8	8	0.0
MINERALS	0	29	29	0.0	0	6	6	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	9056	0	9056	13.4	1953	0	1953	4.5
RECREATION	112	82	194	0.3	0	73	73	0.2
RESERVOIR EVAPORATION	26867	0	26867	39.6	26867	0	26867	62.1
TOTALS	66065	1722	67787	100.0	42163	1075	43238	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = SANTA FE : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	4266	3508	7774	14.4	1920	1579	3499	14.5
RURAL	0	2884	2884	5.3	0	1298	1298	5.4
IRRIGATED AGRICULTURE	21143	20335	41478	76.9	6331	11426	17757	73.5
LIVESTOCK	136	148	284	0.5	136	146	282	1.2
STOCKPOND EVAPORATION	496	0	496	0.9	496	0	496	2.1
COMMERCIAL	0	240	240	0.4	0	129	129	0.5
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	121	121	0.2	0	92	92	0.4
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	2	2	0.0	0	2	2	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	136	136	0.3	0	85	85	0.4
RESERVOIR EVAPORATION	518	0	518	1.0	518	0	518	2.1
TOTALS	26559	27374	53933	100.0	9401	14757	24158	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = SIERRA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	1438	1438	0.6	0	719	719	0.3
RURAL	0	233	233	0.1	0	117	117	0.0
IRRIGATED AGRICULTURE	27484	7698	35182	13.7	11627	4366	15993	6.7
LIVESTOCK	174	280	454	0.2	174	259	433	0.2
STOCKPOND EVAPORATION	820	0	820	0.3	820	0	820	0.3
COMMERCIAL	0	34	34	0.0	0	17	17	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	75	75	0.0	0	48	48	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	62	62	0.0	0	61	61	0.0
RESERVOIR EVAPORATION	218971	0	218971	85.1	218971	0	218971	92.3
TOTALS	247449	9820	257269	100.0	231592	5587	237179	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = SOCORRO : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	1918	1918	1.8	0	959	959	2.7
RURAL	0	400	400	0.4	0	201	201	0.6
IRRIGATED AGRICULTURE	79732	15637	95369	87.1	16151	9322	25473	70.9
LIVESTOCK	255	361	616	0.6	255	340	595	1.7
STOCKPOND EVAPORATION	686	0	686	0.6	686	0	686	1.9
COMMERCIAL	0	773	773	0.7	0	387	387	1.1
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	155	155	0.1	0	77	77	0.2
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	9108	0	9108	8.3	7213	0	7213	20.1
RECREATION	0	479	479	0.4	0	317	317	0.9
RESERVOIR EVAPORATION	0	0	0	0.0	0	0	0	0.0
TOTALS	89781	19723	109504	100.0	24305	11603	35908	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = TAOS : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	795	795	0.6	0	358	358	0.9
RURAL	0	1768	1768	1.3	0	793	793	2.0
IRRIGATED AGRICULTURE	122788	263	123051	93.0	36834	171	37005	92.7
LIVESTOCK	78	84	162	0.1	78	83	161	0.4
STOCKPOND EVAPORATION	198	0	198	0.1	198	0	198	0.5
COMMERCIAL	0	41	41	0.0	0	22	22	0.1
INDUSTRIAL	0	38	38	0.0	0	19	19	0.0
MINERALS	2229	3743	5972	4.5	379	636	1015	2.5
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	7	0	7	0.0	7	0	7	0.0
RECREATION	0	40	40	0.0	0	40	40	0.1
RESERVOIR EVAPORATION	295	0	295	0.2	295	0	295	0.7
TOTALS	125595	6772	132367	100.0	37791	2122	39913	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = TORRANCE : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	0	0	0.0	0	0	0	0.0
RURAL	0	895	895	1.5	0	403	403	1.1
IRRIGATED AGRICULTURE	0	58675	58675	95.9	0	33698	33698	94.4
LIVESTOCK	142	145	287	0.5	142	144	286	0.8
STOCKPOND EVAPORATION	1284	0	1284	2.1	1284	0	1284	3.6
COMMERCIAL	0	5	5	0.0	0	3	3	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	0	0	0.0	0	0	0	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	11	11	0.0	0	11	11	0.0
RESERVOIR EVAPORATION	15	0	15	0.0	15	0	15	0.0
TOTALS	1441	59731	61172	100.0	1441	34259	35700	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = UNION : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	395	395	0.3	0	178	178	0.2
RURAL	0	118	118	0.1	0	53	53	0.1
IRRIGATED AGRICULTURE	14341	110648	124989	95.9	5449	69628	75077	93.7
LIVESTOCK	658	686	1344	1.0	658	682	1340	1.7
STOCKPOND EVAPORATION	2250	0	2250	1.7	2250	0	2250	2.8
COMMERCIAL	0	0	0	0.0	0	0	0	0.0
INDUSTRIAL	0	0	0	0.0	0	0	0	0.0
MINERALS	0	54	54	0.0	0	7	7	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	0	0	0	0.0	0	0	0	0.0
RECREATION	0	4	4	0.0	0	4	4	0.0
RESERVOIR EVAPORATION	1223	0	1223	0.9	1223	0	1223	1.5
TOTALS	18472	111905	130377	100.0	9580	70552	80132	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 3. WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : COUNTY = VALENCIA : WATER UNITS = AF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0	2695	2695	2.0	0	1213	1213	4.6
RURAL	0	1221	1221	0.9	0	549	549	2.1
IRRIGATED AGRICULTURE	126740	2743	129483	94.5	22002	1183	23185	88.6
LIVESTOCK	57	341	398	0.3	57	285	342	1.3
STOCKPOND EVAPORATION	227	0	227	0.2	227	0	227	0.9
COMMERCIAL	0	211	211	0.2	0	106	106	0.4
INDUSTRIAL	0	38	38	0.0	0	38	38	0.1
MINERALS	0	53	53	0.0	0	10	10	0.0
MILITARY	0	0	0	0.0	0	0	0	0.0
POWER	0	0	0	0.0	0	0	0	0.0
FISH AND WILDLIFE	2610	0	2610	1.9	443	0	443	1.7
RECREATION	0	5	5	0.0	0	5	5	0.0
RESERVOIR EVAPORATION	58	0	58	0.0	58	0	58	0.2
TOTALS	129692	7307	136999	100.0	22787	3389	26176	100.0

KEY: AF = Acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 4. WATER USE IN NEW MEXICO RIVER BASINS
 DATAYEAR = 1985 : BASIN = ARKANSAS-WHITE-RED : WATER UNITS = KAF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	1.5	2.2	3.7	1.1	0.7	1.0	1.7	0.8
RURAL	0.6	1.4	2.0	0.6	0.2	0.7	0.9	0.4
IRRIGATED AGRICULTURE	122.2	137.1	259.3	76.9	45.1	86.3	131.4	63.9
LIVESTOCK	2.1	2.2	4.3	1.3	2.1	2.1	4.2	2.0
STOCKPOND EVAPORATION	11.1	0.0	11.1	3.3	11.1	0.0	11.1	5.4
COMMERCIAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUSTRIAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINERALS	0.5	0.1	0.6	0.2	0.3	0.0	0.3	0.1
MILITARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
POWER	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
FISH AND WILDLIFE	3.1	0.0	3.1	0.9	2.6	0.0	2.6	1.3
RECREATION	0.1	0.2	0.3	0.1	0.1	0.2	0.3	0.1
RESERVOIR EVAPORATION	52.9	0.0	52.9	15.7	52.9	0.0	52.9	25.7
TOTALS	194.2	143.2	337.4	100.0	115.2	90.3	205.5	100.0

KEY: KAF = Thousands of acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 4. WATER USE IN NEW MEXICO RIVER BASINS
 DATAYEAR = 1985 : BASIN = LOWER COLORADO : WATER UNITS = KAF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0.0	4.8	4.8	4.3	0.0	2.2	2.2	4.5
RURAL	0.0	1.9	1.9	1.7	0.0	0.9	0.9	1.9
IRRIGATED AGRICULTURE	42.7	30.1	72.8	65.1	5.9	15.2	21.1	43.6
LIVESTOCK	0.7	0.7	1.4	1.3	0.7	0.7	1.4	2.9
STOCKPOND EVAPORATION	2.9	0.0	2.9	2.6	2.9	0.0	2.9	6.0
COMMERCIAL	0.0	0.3	0.3	0.3	0.0	0.2	0.2	0.4
INDUSTRIAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINERALS	9.7	10.8	20.5	18.3	3.9	9.5	13.4	27.7
MILITARY	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.2
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FISH AND WILDLIFE	1.7	0.2	1.9	1.7	0.9	0.1	1.0	2.1
RECREATION	0.0	0.3	0.3	0.3	0.0	0.2	0.2	0.4
RESERVOIR EVAPORATION	5.0	0.0	5.0	4.5	5.0	0.0	5.0	10.3
TOTALS	62.7	49.2	111.9	100.0	19.3	29.1	48.4	100.0

KEY: KAF = Thousands of acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 4. WATER USE IN NEW MEXICO RIVER BASINS
 DATAYEAR = 1985 : BASIN = PECOS : WATER UNITS = KAF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	4.8	26.3	31.1	3.9	2.1	12.9	15.0	3.6
RURAL	0.3	5.5	5.8	0.7	0.2	2.7	2.9	0.7
IRRIGATED AGRICULTURE	285.1	352.7	637.8	80.4	107.0	200.0	307.0	74.1
LIVESTOCK	2.2	2.9	5.1	0.6	2.2	2.8	5.0	1.2
STOCKPOND EVAPORATION	8.0	0.0	8.0	1.0	8.0	0.0	8.0	1.9
COMMERCIAL	0.0	0.6	0.6	0.1	0.0	0.3	0.3	0.1
INDUSTRIAL	0.2	0.1	0.3	0.0	0.2	0.1	0.3	0.1
MINERALS	0.0	22.9	22.9	2.9	0.0	4.3	4.3	1.0
MILITARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FISH AND WILDLIFE	14.1	2.8	16.9	2.1	7.0	0.4	7.4	1.8
RECREATION	1.4	1.6	3.0	0.4	1.0	1.0	2.0	0.5
RESERVOIR EVAPORATION	62.1	0.0	62.1	7.8	62.1	0.0	62.1	15.0
TOTALS	378.2	415.4	793.6	100.0	189.8	224.5	414.3	100.0

KEY: KAF = Thousands of acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 4. WATER USE IN NEW MEXICO RIVER BASINS
 DATAYEAR = 1985 : BASIN = RIO GRANDE : WATER UNITS = KAF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	10.1	163.4	173.5	9.3	4.8	80.9	85.7	9.7
RURAL	0.2	22.5	22.7	1.2	0.1	10.8	10.9	1.2
IRRIGATED AGRICULTURE	995.0	309.0	1304.0	70.2	295.8	166.6	462.4	52.3
LIVESTOCK	2.2	4.6	6.8	0.4	2.2	4.2	6.4	0.7
STOCKPOND EVAPORATION	8.8	0.0	8.8	0.5	8.8	0.0	8.8	1.0
COMMERCIAL	0.0	6.3	6.3	0.3	0.0	3.2	3.2	0.4
INDUSTRIAL	0.0	0.3	0.3	0.0	0.0	0.2	0.2	0.0
MINERALS	2.6	25.2	27.8	1.5	0.7	15.9	16.6	1.9
MILITARY	1.0	9.3	10.3	0.6	0.6	5.6	6.2	0.7
POWER	0.0	6.3	6.3	0.3	0.0	6.3	6.3	0.7
FISH AND WILDLIFE	19.8	0.0	19.8	1.1	7.9	0.0	7.9	0.9
RECREATION	0.2	6.7	6.9	0.4	0.2	4.4	4.6	0.5
RESERVOIR EVAPORATION	264.1	0.0	264.1	14.2	264.1	0.0	264.1	29.9
TOTALS	1304.0	553.6	1857.6	100.0	585.2	298.1	883.3	100.0

KEY: KAF = Thousands of acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 4. WATER USE IN NEW MEXICO RIVER BASINS
 DATAYEAR = 1985 : BASIN = TEXAS GULF : WATER UNITS = KAF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	0.0	21.2	21.2	4.0	0.0	10.1	10.1	3.1
RURAL	0.0	1.7	1.7	0.3	0.0	0.8	0.8	0.2
IRRIGATED AGRICULTURE	0.0	484.5	484.5	91.3	0.0	296.2	296.2	92.3
LIVESTOCK	0.7	1.4	2.1	0.4	0.7	1.2	1.9	0.6
STOCKPOND EVAPORATION	1.2	0.0	1.2	0.2	1.2	0.0	1.2	0.4
COMMERCIAL	0.0	1.0	1.0	0.2	0.0	0.5	0.5	0.2
INDUSTRIAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINERALS	0.0	10.6	10.6	2.0	0.0	2.7	2.7	0.8
MILITARY	0.0	1.3	1.3	0.2	0.0	0.8	0.8	0.2
POWER	0.0	5.7	5.7	1.1	0.0	5.7	5.7	1.8
FISH AND WILDLIFE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RECREATION	0.1	1.2	1.3	0.2	0.1	0.8	0.9	0.3
RESERVOIR EVAPORATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTALS	2.0	528.6	530.6	100.0	2.0	318.8	320.8	100.0

KEY: KAF = Thousands of acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 4. WATER USE IN NEW MEXICO RIVER BASINS
 DATAYEAR = 1985 : BASIN = UPPER COLORADO : WATER UNITS = KAF

CATEGORY	===== WITHDRAWALS =====				===== DEPLETIONS =====			
	SW	GW	TOTAL	< % >	SW	GW	TOTAL	< % >
URBAN	11.5	0.0	11.5	2.2	5.2	0.0	5.2	1.7
RURAL	0.3	3.4	3.7	0.7	0.1	1.5	1.6	0.5
IRRIGATED AGRICULTURE	403.5	0.0	403.5	76.5	209.2	0.0	209.2	69.8
LIVESTOCK	0.4	0.4	0.8	0.2	0.4	0.4	0.8	0.3
STOCKPOND EVAPORATION	3.7	0.0	3.7	0.7	3.7	0.0	3.7	1.2
COMMERCIAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INDUSTRIAL	0.2	0.0	0.2	0.0	0.2	0.0	0.2	0.1
MINERALS	1.2	8.0	9.2	1.7	0.6	1.6	2.2	0.7
MILITARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
POWER	53.6	0.0	53.6	10.2	36.3	0.0	36.3	12.1
FISH AND WILDLIFE	1.6	0.0	1.6	0.3	0.7	0.0	0.7	0.2
RECREATION	0.0	0.3	0.3	0.1	0.0	0.2	0.2	0.1
RESERVOIR EVAPORATION	39.4	0.0	39.4	7.5	39.4	0.0	39.4	13.2
TOTALS	515.4	12.1	527.5	100.0	295.8	3.7	299.5	100.0

KEY: KAF = Thousands of acre-feet
 SW = Surface water
 GW = Ground water
 % = Percent of total

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
==> BERNALILLO								
ALBUQUERQUE CITY	354944	252	0	100114				
KIRTLAND AFB	6800	701	0	5340				
ALAMO ACRES MHP	150	60	0	10				
BARCELONA MHP	200	80	0	18				
GREEN ACRES MHP	112	159	0	20				
PARADISE HILLS	6150	270	0	1862				
TERILYN MHP	112	80	0	10				
OTHER URBAN	73177	200	0	16394				
TOTAL RURAL					22000	100	0	2464
TOTALS	441645		0	123768	22000		0	2464
==> CATRON								
QUEMADO (LC)					150	60	0	10
RESERVE (LC)					439	155	0	76
OTHER RURAL (LC)					1713	60	0	115
OTHER RURAL (RG)					418	60	0	28
TOTALS	0		0	0	2720		0	229
==> CHAVES								
ROSWELL	41361	227	0	10500				
URBAN DOMESTIC WELLS	1200	120	0	161				
DEXTER					952	626	0	668
HAGERMAN					931	429	0	447

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
LAKE ARTHUR					337	154	0	58
OTHER RURAL					10212	60	0	686
TOTALS	42561		0	10661	12432		0	1859
==> CIBOLA								
GRANTS (RG)	6796	204	0	1553				
MILAN (RG)					2083	222	0	518
OTHER RURAL (LC)					477	60	0	32
OTHER RURAL (RG)					14434	60	0	970
TOTALS	6796		0	1553	16994		0	1520
==> COLFAX								
RATON	8855	150	1484	0				
CIMARRON					873	182	178	0
MAXWELL					281	189	0	59
SPRINGER					1697	194	368	0
OTHER RURAL					2776	60	0	187
TOTALS	8855		1484	0	5627		546	246
==> CURRY								
CLOVIS (TG)	32544	154	0	5614				
CANNON AFB (TG)	5088	233	0	1330				
GRADY (AWR)					132	189	0	28
MELROSE (TG)					654	145	0	106

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
TEXICO (TG)					1053	136	0	161
OTHER RURAL (AWR)					347	60	0	23
OTHER RURAL (TG)					3646	60	0	245
TOTALS	37632		0	6944	5832		0	563
==> DE BACA								
FORT SUMNER					1331	203	0	303
VALLEY WATER USERS ASSOC					338	158	0	60
OTHER RURAL					745	60	0	50
TOTALS	0		0	0	2414		0	413
==> DONA ANA								
ANTHONY	3300	101	0	374				
CHAPARRAL	3700	106	0	439				
DONA ANA	5080	75	0	427				
LAS CRUCES	48701	271	0	14781				
WHITE SANDS MISSILE BASE	3120	586	0	2048				
BUTTERFIELD PARK					770	97	0	84
HACIENDA ACRES MHP					1140	95	0	121
HATCH					1108	172	0	214
MESILLA					2400	70	0	188
MESILLA PARK					930	152	0	158
PECAN VALLEY ESTATES					250	127	0	36
RINCON					300	127	0	43

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
SAN ANDRES ESTATES					725	139	0	113
UNIVERSITY ESTATES					800	154	0	138
OTHER RURAL					38420	100	0	4653
TOTALS	63901		0	18069	46843		0	5748
==> EDDY								
ARTESIA	10420	373	0	4350				
CARLSBAD	27596	280	0	8667				
OTIS	3538	172	0	683				
HAPPY VALLEY					920	89	0	92
HOPE					255	154	0	44
LOVING					1435	297	0	478
OTHER RURAL					7056	75	0	593
TOTALS	41554		0	13700	9666		0	1207
==> GRANT								
BAYARD (RG)	3036	99	0	338				
SILVER CITY (RG)	9887	120	0	1329				
CENTRAL (RG)					1968	108	0	237
HURLEY & N. HURLEY (RG)					1616	83	0	150
TYRONE (RG)					460	423	0	218
OTHER RURAL (LC)					2467	60	0	166
OTHER RURAL (RG)					6770	60	0	455
TOTALS	12923		0	1667	13281		0	1226

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
==> GUADALUPE								
SANTA ROSA (P)					2464	164	0	454
VAUGHN (P)					677	303	0	230
OTHER RURAL (AWR)					80	60	0	5
OTHER RURAL (P)					1210	60	0	81
TOTALS	0		0	0	4431		0	770
==> HARDING								
MOSQUERO					177	204	0	40
ROY					336	143	0	54
OTHER RURAL					457	60	0	31
TOTALS	0		0	0	970		0	125
==> HIDALGO								
LORDSBURG (LC)	3085	242	0	836				
RODED (LC)					120	112	0	15
OTHER RURAL (LC)					1737	60	0	117
OTHER RURAL (RG)					997	60	0	67
TOTALS	3085		0	836	2854		0	199
==> LEA								
EUNICE (P)	3135	272	0	955				
HOBBS (TG)	30718	254	0	8749				
JAL (P)	2710	139	0	423				

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
LOVINGTON (TG)	10132	237	0	2691				
TATUM (TG)					856	234	0	224
MONUMENT (P)					100	196	0	22
OTHER RURAL (P)					2090	60	0	140
OTHER RURAL (TG)					8382	60	0	563
TOTALS	46695		0	12818	11428		0	949
==> LINCOLN								
RUIDOSO (P)	5280	337	1755	241				
RUIDOSO DOWNS (P)	1074	227	0	273				
ANCHO (RG)					50	54	3	0
CAPITAN (P)					1277	117	167	0
CARRIZOZO (RG)					1272	99	124	17
CORONA (P)					236	79	0	21
FORT STANTON (P)					566	260	165	0
LINCOLN (P)					150	161	0	27
NOGAL (RG)					70	128	10	0
OTHER RURAL (P)					1696	60	0	114
OTHER RURAL (RG)					801	60	0	54
TOTALS	6354		1755	514	6118		469	233
==> LOS ALAMOS								
LOS ALAMOS & WHITE ROCK	18739	264	0	5541				
TOTAL RURAL					50	60	0	3
TOTALS	18739		0	5541	50		0	3

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
==> LUNA								
DEMING	10774	265	0	3196				
COLUMBUS					444	227	0	113
OTHER RURAL					6302	60	0	424
TOTALS	10774		0	3196	6746		0	537
==> MCKINLEY								
GALLUP (LC)	19946	158	0	3531				
ZUNI (LC)	6346	60	0	427				
OTHER RURAL (LC)					19892	60	0	1337
OTHER RURAL (RG)					3579	60	0	241
OTHER RURAL (UC)					9266	60	0	623
TOTALS	26292		0	3958	32737		0	2201
==> MORA								
MORA					600	150	0	101
WAGON MOUND					416	322	0	150
OTHER RURAL					3189	60	0	214
TOTALS	0		0	0	4205		0	465
==> OTERO								
ALAMOGORDO (RG)	24519	209	5003	737				
HOLLOMAN AFB (RG)	5730	459	1050	1899				
TULAROSA (RG)	2381	324	860	3				

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
CLOUDCROFT (RG)					521	380	0	222
LA LUZ (RG)					1750	58	0	113
OTHER RURAL (P)					3286	60	0	221
OTHER RURAL (RG)					9653	60	0	649
TOTALS	32630		6913	2639	15210		0	1205
==> QUAY								
TUCUMCARI (AWR)	6560	246	0	1807				
LOGAN (AWR)					1250	146	0	204
SAN JON (AWR)					341	120	0	46
OTHER RURAL (AWR)					2198	60	0	148
OTHER RURAL (P)					428	60	0	29
TOTALS	6560		0	1807	4217		0	427
==> RIO ARRIBA								
ESPANOLA {PART} (RG)	6235	96	0	670				
CANJILON (RG)					300	60	0	20
CHAMA (RG)					1090	64	0	78
DIXON (RG)					900	60	0	60
DULCE (UC)					2499	106	296	0
EL RITO (RG)					306	60	0	21
PLACITAS (RG)					120	60	0	8
TIERRA AMARILLA (RG)					400	65	0	29
VALLEY ESTATES (RG)					240	60	0	16

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
VELARDE (RG)					260	60	0	17
OTHER RURAL (RG)					14637	60	0	984
OTHER RURAL (UC)					3066	60	0	206
TOTALS	6235		0	670	23818		296	1439
==> ROOSEVELT								
PORTALES (TG)	9645	388	0	4197				
FLOYD (TG)					146	110	0	18
OTHER RURAL (P)					376	60	0	25
OTHER RURAL (TG)					5233	60	0	352
TOTALS	9645		0	4197	5755		0	395
==> SANDOVAL								
BERNALILLO (RG)	3138	185	0	650				
RIO RANCHO ESTATES (RG)	22201	183	0	4542				
ALGODONES (RG)					385	116	0	50
COCHITI LAKE (RG)					320	190	0	68
CUBA (RG)					609	227	0	155
JEMEZ SPRINGS (RG)					316	138	49	0
LA JARA (RG)					494	60	0	33
PENA BLANCA (RG)					450	60	0	30
PLACITAS WEST (RG)					75	119	0	10
PONDEROSA (RG)					500	60	0	34
RNCH DE PLACITAS SD (RG)					134	173	0	26

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
RNCH DE PLACITAS WC (RG)					112	128	0	16
SILE (RG)					125	57	0	8
OTHER RURAL (RG)					17082	60	0	1148
OTHER RURAL (UC)					456	60	0	31
TOTALS	25339		0	5192	21058		49	1609
==> SAN JUAN								
AZTEC	6592	176	1298	0				
BLOOMFIELD	6536	87	638	0				
FARMINGTON	35506	214	8512	0				
SHIPROCK	6300	148	1047	0				
TOTAL RURAL					37473	60	0	2519
TOTALS	54934		11495	0	37473		0	2519
==> SAN MIGUEL								
LAS VEGAS (P)	14567	184	3008	0				
PECOS (P)					885	164	0	163
EAST PECOS (P)					400	60	0	27
RIBERA (P)					170	53	0	10
ROWE (P)					60	60	0	4
SAN JOSE (P)					200	60	0	13
SENA (P)					160	60	0	11
SOHAM (P)					200	60	0	13
TECOLATE (P)					160	60	0	11

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
TECOLOTITO (P)					100	60	0	7
VALLEY RANCH (P)					168	60	0	11
VILLANUEVA (P)					200	60	0	13
OTHER RURAL (AWR)					791	60	0	53
OTHER RURAL (P)					4985	60	0	335
TOTALS	14567		3008	0	8479		0	671
==> SANTA FE								
ESPANOLA (PART)	1393	96	0	150				
ROADRUNNER MHP	425	50	0	24				
SANTA FE CITY	54018	122	4266	3111				
URBAN DOMESTIC WELLS	1200	120	0	161				
VAGABOUND MHP	140	57	0	9				
VILLITAS DE SANTA FE	854	55	0	53				
ACRE ESTATES					452	103	0	52
CHIMAYO					100	205	0	23
COUNTRY CLUB GARDEN MHP					900	76	0	77
EL DORADO OF SANTA FE					600	152	0	102
EL RANCHO MHP					64	77	0	6
ENCHANTMENT MHP					250	80	0	22
GALISTED					130	124	0	18
HACIENDA MHP					450	125	0	63
LA CIENEGA LAKESIDE MHP					40	74	0	3
LONESTAR MHP					70	60	0	5

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
MADRID					240	60	0	16
POJOAQUE TERRACE MHP					73	91	0	7
STATE PENITENTIARY					647	310	0	225
SANTA FE WEST MHP					235	71	0	19
SUNLIT HILLS					785	98	0	86
TESUQUE					300	120	0	40
VALLE VISTA					950	64	0	68
VALLEY COVE MHP					80	69	0	6
OTHER RURAL					18262	100	0	2046
TOTALS	58030		4266	3508	24628		0	2884
==> SIERRA								
TRUTH OR CONSEQUENCES	5499	233	0	1438				
ELEPHANT BUTTE ESTATES					795	50	0	45
OTHER RURAL					2790	60	0	188
TOTALS	5499		0	1438	3585		0	233
==> SOCORRO								
SOCORRO	7833	219	0	1918				
POLVADERA					950	67	0	71
SAN ACACIA					100	74	0	8
OTHER RURAL					4770	60	0	321
TOTALS	7833		0	1918	5820		0	400

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
==> TAOS								
TAOS	3814	186	0	795				
ARROYO SECO					328	227	0	83
CANON					350	221	0	87
COSTILLA					400	60	0	27
LLANO QUEMADO					500	60	0	34
QUESTA					1257	89	0	125
RANCHOS DE TAOS					600	183	0	123
UPPER ARROYO HONDO					164	60	0	11
UPPER DES MONTES					240	60	0	16
UPPER RANCHITO					150	246	0	41
OTHER RURAL					18164	60	0	1221
TOTALS	3814		0	795	22153		0	1768
==> TORRANCE								
ESTANCIA (RG)					885	200	0	198
MORIARTY (RG)					1363	113	0	172
MOUNTAINAIR (RG)					1170	178	0	233
WILLARD (RG)					166	65	0	12
ENCINO (P)					155	109	0	19
OTHER RURAL (P)					424	60	0	28
OTHER RURAL (RG)					3470	60	0	233
TOTALS	0		0	0	7633		0	895

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 5. URBAN, RURAL AND MILITARY WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 ; WATER UNITS = AF

COUNTY AND USER	===== URBAN =====				===== RURAL =====			
	POP	GPCD	WSW	WGW	POP	GPCD	WSW	WGW
==> UNION								
CLAYTON	2988	118	0	395				
DES MOINES					178	60	0	12
OTHER RURAL					1579	60	0	106
TOTALS	2988		0	395	1757		0	118
==> VALENCIA								
BELEN	6012	211	0	1422				
LOS LUNAS	4800	133	0	713				
RIO GRANDE ESTATES	4000	125	0	560				
TOTAL RURAL					18164	60	0	1221
TOTALS	14812		0	2695	18164		0	1221
STATE POPULATION TOTALS	1010692				407098			

KEY: AF = Acre-feet
 POP = Population
 GPCD = Gallons per capita per day

WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

TABLE 6. IRRIGATED AGRICULTURE: WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND LOCALE	T	=== SW ONLY ===		=== GW ONLY ===		===== COMBINED WATER ONLY =====				<< TOTAL WITHDRAWALS >>		
		ACRES	WSW	ACRES	WGW	SWACRES	WSW	GWACRES	WGW	WSW	WGW	TOTAL
==> BERNALILLO												
ESTANCIA BASIN	F	0	0	40	159	0	0	0	0	0	159	159
MRG & VIC	D	0	0	60	80	0	0	0	0	0	80	80
MRG & VIC	F	5890	37039	210	500	2670	16790	890	2120	53829	2620	56449
TOTALS		5890	37039	310	739	2670	16790	890	2120	53829	2859	56688
==> CATRON												
QUEMADO & VIC (LC)	F	160	528	0	0	0	0	0	0	528	0	528
SAN AUGUSTIN PLAINS (RG)	F	0	0	130	377	0	0	0	0	0	377	377
SAN FRANCISCO VALLEY (LC)	F	700	8600	0	0	0	0	0	0	8600	0	8600
TOTALS		860	9128	130	377	0	0	0	0	9128	377	9505
==> CHAVES												
RIO HONDO	F	200	1084	0	0	0	0	0	0	1084	0	1084
RIO PENASCO	F	40	230	40	159	741	4268	185	737	4498	896	5394
ROSWELL BASIN NORTH	D	0	0	40	119	0	0	0	0	0	119	119
ROSWELL BASIN NORTH	F	1960	7154	58556	165442	2505	10344	6262	17838	17498	183280	200778
ROSWELL BASIN NORTH	S	0	0	18750	49637	0	0	0	0	0	49637	49637
SCATTERED	F	0	0	45	186	325	1731	575	2381	1731	2567	4298
TOTALS		2200	8468	77431	215543	3571	16343	7022	20956	24811	236499	261310
==> CIBOLA												
SCATTERED (LC)	F	377	2220	0	0	0	0	0	0	2220	0	2220
SCATTERED (RG)	F	1415	9144	308	1301	475	3070	205	866	12214	2167	14381
TOTALS		1792	11364	308	1301	475	3070	205	866	14434	2167	16601
==> COLFAX												
CIMARRON RIVER	F	7980	29792	0	0	0	0	0	0	29792	0	29792
DRY CIMARRON	F	380	1038	0	0	0	0	0	0	1038	0	1038
DRY CIMARRON	S	0	0	140	242	0	0	0	0	0	242	242
NEAR CAPULIN	F	380	1062	0	0	0	0	0	0	1062	0	1062
PURGATOIRE	F	160	437	0	0	0	0	0	0	437	0	437
SCATTERED	F	5480	17029	0	0	0	0	0	0	17029	0	17029
SCATTERED	S	50	117	0	0	0	0	0	0	117	0	117

KEY: AF = Acre-feet D = Drip W = Floodwater spreading
 WSW = Withdrawal -- surface water F = Flood
 WGW = Withdrawal -- ground water S = Sprinkler

TABLE 6. IRRIGATED AGRICULTURE: WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND LOCALE	T	=== SW ONLY ===		=== GW ONLY ===		===== COMBINED WATER ONLY =====			<< TOTAL WITHDRAWALS >>			
		ACRES	WSW	ACRES	WGW	SWACRES	WSW	GWACRES	WGW	WSW	WGW	TOTAL
VERMEJO PROJECT	F	6061	5362	0	0	0	0	0	0	5362	0	5362
TOTALS		20491	54837	140	242	0	0	0	0	54837	242	55079
==> CURRY												
SCATTERED (AWR)	F	0	0	2030	3539	0	0	0	0	0	3539	3539
SCATTERED (AWR)	S	0	0	7000	11230	0	0	0	0	0	11230	11230
SCATTERED (P)	F	0	0	155	255	0	0	0	0	0	255	255
SCATTERED (P)	S	0	0	345	516	0	0	0	0	0	516	516
SCATTERED (TG)	F	0	0	25550	49606	0	0	0	0	0	49606	49606
SCATTERED (TG)	S	0	0	76121	130448	0	0	0	0	0	130448	130448
TOTALS		0	0	111201	195594	0	0	0	0	0	195594	195594
==> DE BACA												
FORT SUMNER PROJECT	F	5310	38121	0	0	0	0	0	0	38121	0	38121
FORT SUMNER PROJECT	S	550	1403	0	0	0	0	0	0	1403	0	1403
SCATTERED	F	0	0	1060	5627	0	0	0	0	0	5627	5627
SCATTERED	S	0	0	5400	10238	0	0	0	0	0	10238	10238
TOTALS		5860	39524	6460	15865	0	0	0	0	39524	15865	55389
==> DONA ANA												
EBID & VIC	D	0	0	420	721	0	0	0	0	0	721	721
EBID & VIC	F	0	0	5516	20220	59964	376465	9000	32992	376465	53212	429677
EBID & VIC	S	0	0	820	2960	0	0	0	0	0	2960	2960
HUECO BASIN	F	0	0	160	746	0	0	0	0	0	746	746
NUTT-HOCKETT	F	0	0	150	544	0	0	0	0	0	544	544
TOTALS		0	0	7066	25191	59964	376465	9000	32992	376465	58183	434648
==> EDDY												
CARLSBAD BASIN	F	1000	6565	545	2586	450	2954	1040	4934	9519	7520	17039
CARLSBAD IRRIGATION DIST	F	6200	29511	0	0	9671	46033	3659	13020	75544	13020	88564
RIO PENASCO	F	0	0	0	0	3301	13345	355	1035	13345	1035	14380
ROSWELL BASIN SOUTH	F	0	0	13403	38099	200	827	200	571	827	38670	39497
ROSWELL BASIN SOUTH	S	0	0	8279	21886	0	0	0	0	0	21886	21886
TOTALS		7200	36076	22227	62571	13622	63159	5254	19560	99235	82131	181366

KEY: AF = Acre-feet D = Drip W = Floodwater spreading
 WSW = Withdrawal -- surface water F = Flood
 WGW = Withdrawal -- ground water S = Sprinkler

TABLE 6. IRRIGATED AGRICULTURE: WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 ; WATER UNITS = AF

COUNTY AND LOCALE	T	=== SW ONLY ===		=== GW ONLY ===		===== COMBINED WATER ONLY =====			<< TOTAL WITHDRAWALS >>			
		ACRES	WSW	ACRES	WGW	SWACRES	WSW	GWACRES	WGW	WSW	WGW	TOTAL
==> GRANT												
GILA RIVER (LC)	F	577	24700	0	0	0	0	0	0	24700	0	24700
LORDSBURG VALLEY (LC)	D	0	0	480	604	0	0	0	0	0	604	604
LORDSBURG VALLEY (LC)	F	0	0	100	354	0	0	0	0	0	354	354
MIMBRES RIVER (RG)	F	335	1484	754	2065	351	1554	235	644	3038	2709	5747
TOTALS		912	26184	1334	3023	351	1554	235	644	27738	3667	31405
==> GUADALUPE												
ANTON CHICO	F	2848	15128	0	0	0	0	0	0	15128	0	15128
COLONIAS	F	0	0	184	669	0	0	0	0	0	669	669
PUERTO DE LUNA	F	276	1529	0	0	0	0	0	0	1529	0	1529
SCATTERED	F	0	0	67	229	0	0	0	0	0	229	229
TOTALS		3124	16657	251	898	0	0	0	0	16657	898	17555
==> HARDING												
SCATTERED	F	0	0	180	580	0	0	0	0	0	580	580
SCATTERED	S	0	0	1910	2960	0	0	0	0	0	2960	2960
TOTALS		0	0	2090	3540	0	0	0	0	0	3540	3540
==> HIDALGO												
ANIMAS VALLEY (LC)	D	0	0	139	195	0	0	0	0	0	195	195
ANIMAS VALLEY (LC)	F	0	0	6161	21939	0	0	0	0	0	21939	21939
ANIMAS VALLEY (LC)	S	0	0	770	2471	0	0	0	0	0	2471	2471
GILA RIVER (LC)	F	89	267	0	0	0	0	0	0	267	0	267
LORDSBURG VALLEY (LC)	D	0	0	75	75	0	0	0	0	0	75	75
LORDSBURG VALLEY (LC)	F	0	0	1119	2963	0	0	0	0	0	2963	2963
PLAYAS VALLEY (RG)	F	0	0	1141	4037	0	0	0	0	0	4037	4037
PLAYAS VALLEY (RG)	S	0	0	40	121	0	0	0	0	0	121	121
SAN SIMON VALLEY (LC)	F	0	0	970	1550	0	0	0	0	0	1550	1550
TOTALS		89	267	10415	33351	0	0	0	0	267	33351	33618
==> LEA												
SCATTERED (P)	S	0	0	320	1085	0	0	0	0	0	1085	1085
SCATTERED (TG)	D	0	0	480	971	0	0	0	0	0	971	971

KEY: AF = Acre-feet D = Drip W = Floodwater spreading
 WSW = Withdrawal -- surface water F = Flood
 WGW = Withdrawal -- ground water S = Sprinkler

TABLE 6. IRRIGATED AGRICULTURE: WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND LOCALE	T	=== SW ONLY ===		=== GW ONLY ===		===== COMBINED WATER ONLY =====			<< TOTAL WITHDRAWALS >>			
		ACRES	WSW	ACRES	WGW	SWACRES	WSW	GWACRES	WGW	WSW	WGW	TOTAL
SCATTERED (TG)	F	0	0	13396	38447	0	0	0	0	0	38447	38447
SCATTERED (TG)	S	0	0	29965	57906	0	0	0	0	0	57906	57906
TOTALS		0	0	44161	98409	0	0	0	0	0	98409	98409
==> LINCOLN												
CARRIZOZO & VIC (RG)	D	0	0	3	6	0	0	0	0	0	6	6
CARRIZOZO & VIC (RG)	F	0	0	182	776	0	0	0	0	0	776	776
RIO HONDO & TRBS (P)	D	0	0	60	94	0	0	0	0	0	94	94
RIO HONDO & TRBS (P)	F	1690	8483	695	2830	1370	6877	648	2638	15360	5468	20828
RIO HONDO & TRBS (P)	S	0	0	65	229	0	0	0	0	0	229	229
SCATTERED (P)	F	160	828	162	680	0	0	0	0	828	680	1508
TOTALS		1850	9311	1167	4615	1370	6877	648	2638	16188	7253	23441
==> LUNA												
MIMBRES BASIN	D	0	0	1560	2368	0	0	0	0	0	2368	2368
MIMBRES BASIN	F	200	1088	20400	69382	600	3263	600	2041	4351	71423	75774
MIMBRES BASIN	S	0	0	50	219	0	0	0	0	0	219	219
MIMBRES BASIN	W	10350	28711	0	0	0	0	0	0	28711	0	28711
NUTT-HOCKETT	F	0	0	6590	30386	0	0	0	0	0	30386	30386
NUTT-HOCKETT	S	0	0	650	2429	0	0	0	0	0	2429	2429
TOTALS		10550	29799	29250	104784	600	3263	600	2041	33062	106825	139887
==> MCKINLEY												
SCATTERED (LC)	F	1185	6375	0	0	0	0	0	0	6375	0	6375
SCATTERED (RG)	F	160	881	0	0	0	0	0	0	881	0	881
SCATTERED (UC)	F	120	519	0	0	0	0	0	0	519	0	519
TOTALS		1465	7775	0	0	0	0	0	0	7775	0	7775
==> MORLA												
SCATTERED	D	0	0	10	8	0	0	0	0	0	8	8
SCATTERED	F	12340	39773	0	0	0	0	0	0	39773	0	39773
SCATTERED	S	800	1561	0	0	0	0	0	0	1561	0	1561
TOTALS		13140	41334	10	8	0	0	0	0	41334	8	41342

KEY: AF = Acre-feet D = Drip W = Floodwater spreading
 WSW = Withdrawal -- surface water F = Flood
 WGW = Withdrawal -- ground water S = Sprinkler

TABLE 6. IRRIGATED AGRICULTURE: WATER USE IN NEW MEXICO COUNTIES
 DATAYEAR = 1985 : WATER UNITS = AF

COUNTY AND LOCALE	T	=== SW ONLY ===		=== GW ONLY ===		===== COMBINED WATER ONLY =====				<< TOTAL WITHDRAWALS >>		
		ACRES	WSW	ACRES	WGW	SWACRES	WSW	GWACRES	WGW	WSW	WGW	TOTAL
==> SIERRA												
ABOVE ELEPHANT BUTTE	D	1120	1397	0	0	0	0	0	0	1397	0	1397
ABOVE ELEPHANT BUTTE	F	880	5432	0	0	0	0	0	0	5432	0	5432
EBID & VIC	F	500	2591	1299	4762	2946	18064	610	2236	20655	6998	27653
NUTT-HOCKETT	F	0	0	160	483	0	0	0	0	0	483	483
SCATTERED	F	0	0	60	217	0	0	0	0	0	217	217
TOTALS		2500	9420	1519	5462	2946	18064	610	2236	27484	7698	35182
==> SOCDORRO												
MRG & VIC	D	0	0	380	568	0	0	0	0	0	568	568
MRG & VIC	F	2637	16583	0	0	8605	54112	5160	8840	70695	8840	79535
SAN AUGUSTIN PLAINS	F	0	0	100	232	0	0	0	0	0	232	232
SAN AUGUSTIN PLAINS	S	0	0	1000	3172	0	0	0	0	0	3172	3172
SCATTERED	F	30	165	40	159	1610	8872	670	2666	9037	2825	11862
TOTALS		2667	16748	1520	4131	10215	62984	5830	11506	79732	15637	95369
==> TAOS												
CERRO-QUESTA	F	3425	13796	0	0	0	0	0	0	13796	0	13796
CERRO-QUESTA	S	0	0	380	263	0	0	0	0	0	263	263
COSTILLA	F	4225	16858	0	0	0	0	0	0	16858	0	16858
EMBUDO & VIC	F	5205	24784	0	0	0	0	0	0	24784	0	24784
PILAR & OJO CALIENTE	F	120	360	0	0	0	0	0	0	360	0	360
TAOS & VIC	F	14660	66990	0	0	0	0	0	0	66990	0	66990
TOTALS		27635	122788	380	263	0	0	0	0	122788	263	123051
==> TORRANCE												
ESTANCIA BASIN (RG)	D	0	0	220	269	0	0	0	0	0	269	269
ESTANCIA BASIN (RG)	F	0	0	10237	28079	0	0	0	0	0	28079	28079
ESTANCIA BASIN (RG)	S	0	0	13748	30327	0	0	0	0	0	30327	30327
TOTALS		0	0	24205	58675	0	0	0	0	0	58675	58675
==> UNION												
CLAYTON & VIC	F	0	0	4695	11708	0	0	0	0	0	11708	11708
CLAYTON & VIC	S	0	0	44320	96959	0	0	0	0	0	96959	96959

KEY: AF = Acre-feet D = Drip W = Floodwater spreading
 WSW = Withdrawal -- surface water F = Flood
 WGW = Withdrawal -- ground water S = Sprinkler

TABLE 7. IRRIGATED AGRICULTURE: SUMMARY OF WATER USE IN NEW MEXICO RIVER BASINS
 DATAYEAR = 1985 : WATER UNITS = KAF

BASIN	=== SW ONLY ===		=== GW ONLY ===		===== COMBINED WATER ONLY =====			<< TOTAL WITHDRAWALS >>			
	ACRES	WSW	ACRES	WGW	SWACRES	WSW	GWACRES	WGW	WSW	WGW	TOTAL
ARKANSAS-WHITE-RED	42878	121.6	64070	136.7	190	0.6	190	0.4	122.2	137.1	259.3
TEXAS GULF	0	0.0	241272	484.5	0	0.0	0	0.0	0.0	484.5	484.5
PECOS	58992	198.7	111951	309.5	18563	86.4	12924	43.2	285.1	352.7	637.8
RIO GRANDE	109687	482.2	82078	251.7	82448	512.8	19198	57.3	995.0	309.0	1304.0
UPPER COLORADO	86169	403.5	0	0.0	0	0.0	0	0.0	403.5	0.0	403.5
LOWER COLORADO	3088	42.7	9814	30.1	0	0.0	0	0.0	42.7	30.1	72.8
TOTALS	300814	1248.7	509185	1212.5	101201	599.8	32312	100.9	1848.5	1313.4	3161.9

KEY: KAF = Thousands of acre-feet
 WSW = Withdrawal -- surface water
 WGW = Withdrawal -- ground water

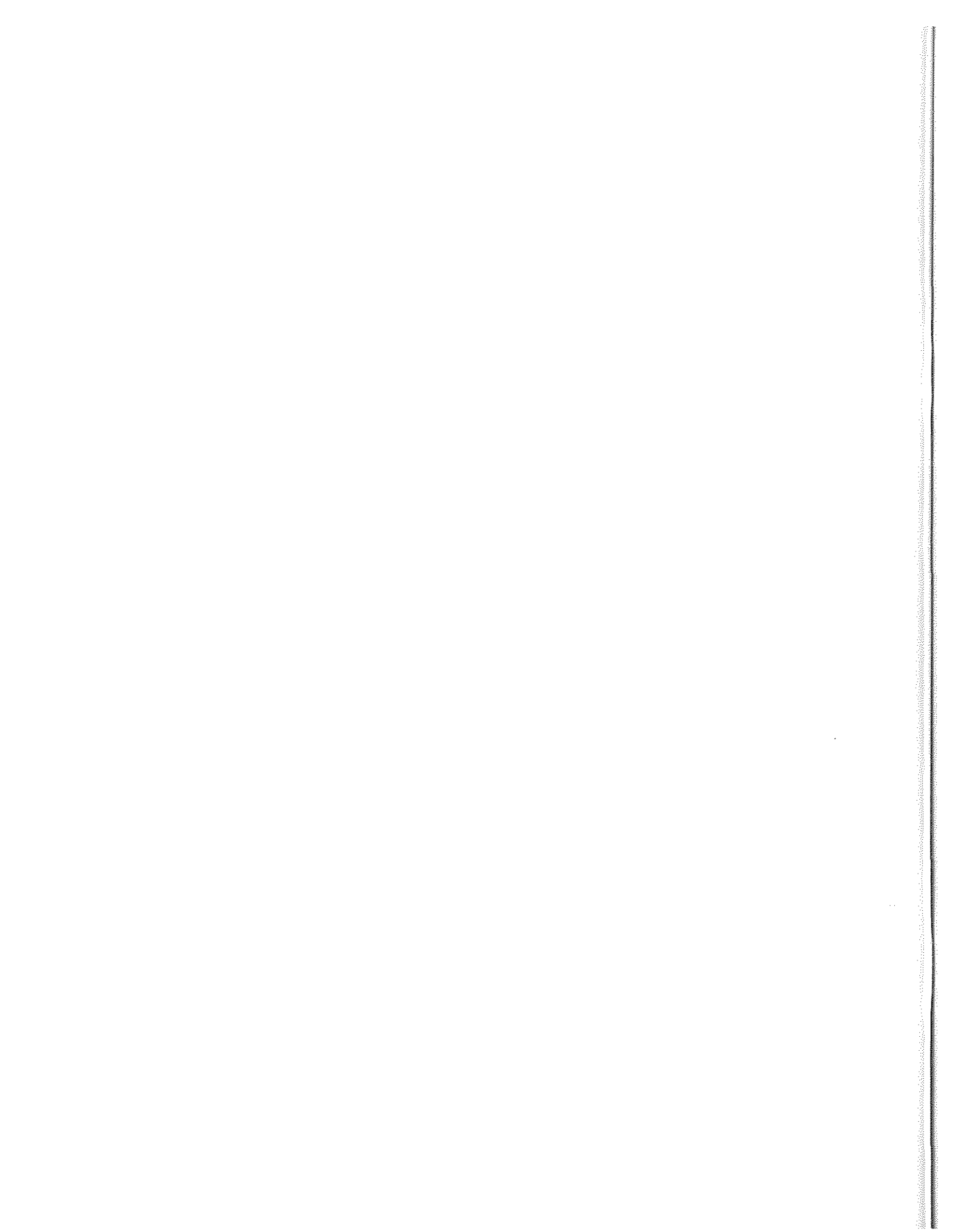
MAPS OF NEW MEXICO

FIGURE 1. RIVER BASINS IN NEW MEXICO

FIGURE 2. SURFACE WATER DRAINAGE BASINS IN NEW MEXICO

FIGURE 3. LANDS IN NEW MEXICO IRRIGATED WITH GROUND
WATER, SURFACE WATER, AND GROUND AND
SURFACE WATER COMBINED

FIGURE 4. DECLARED GROUNDWATER BASINS IN NEW MEXICO



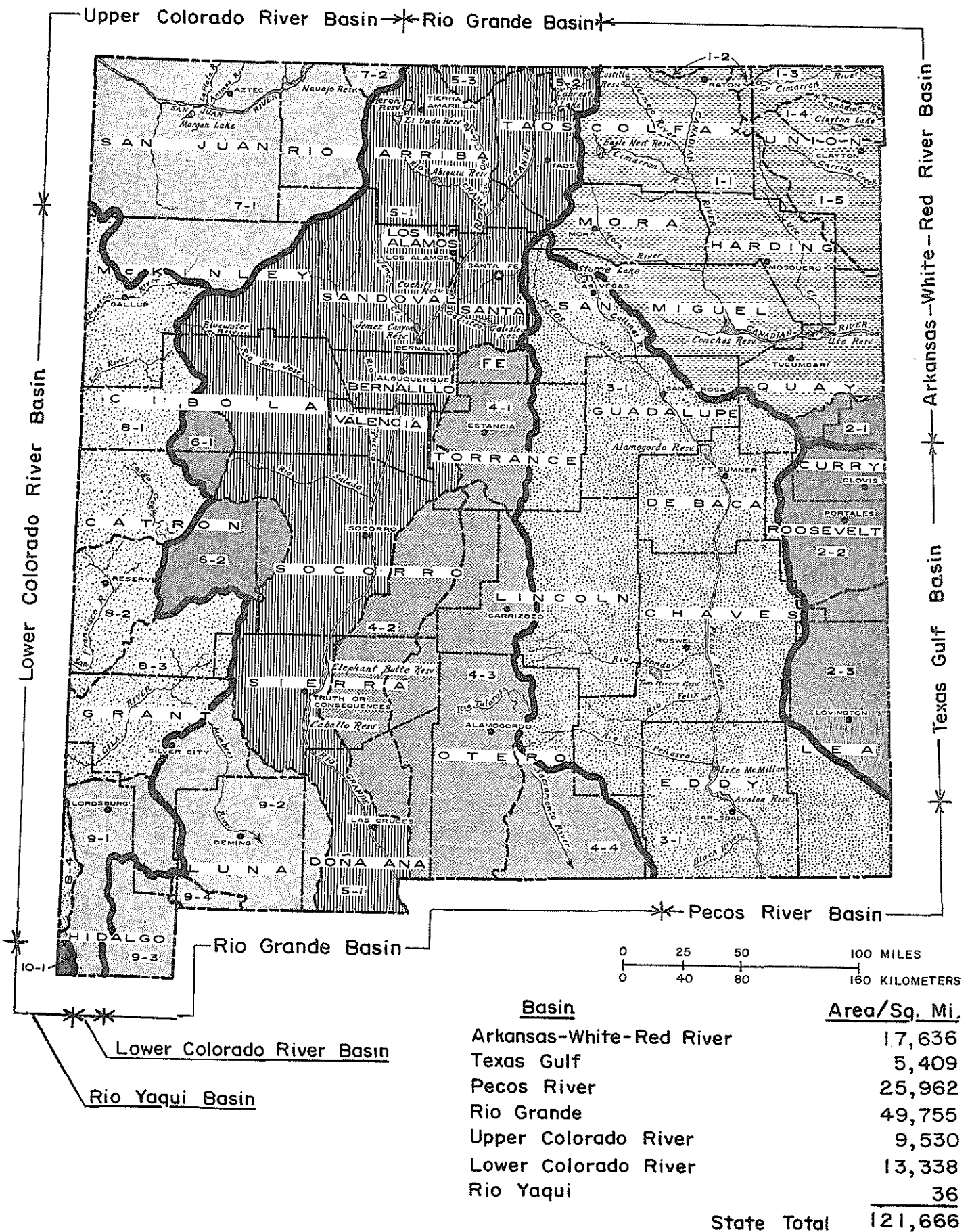
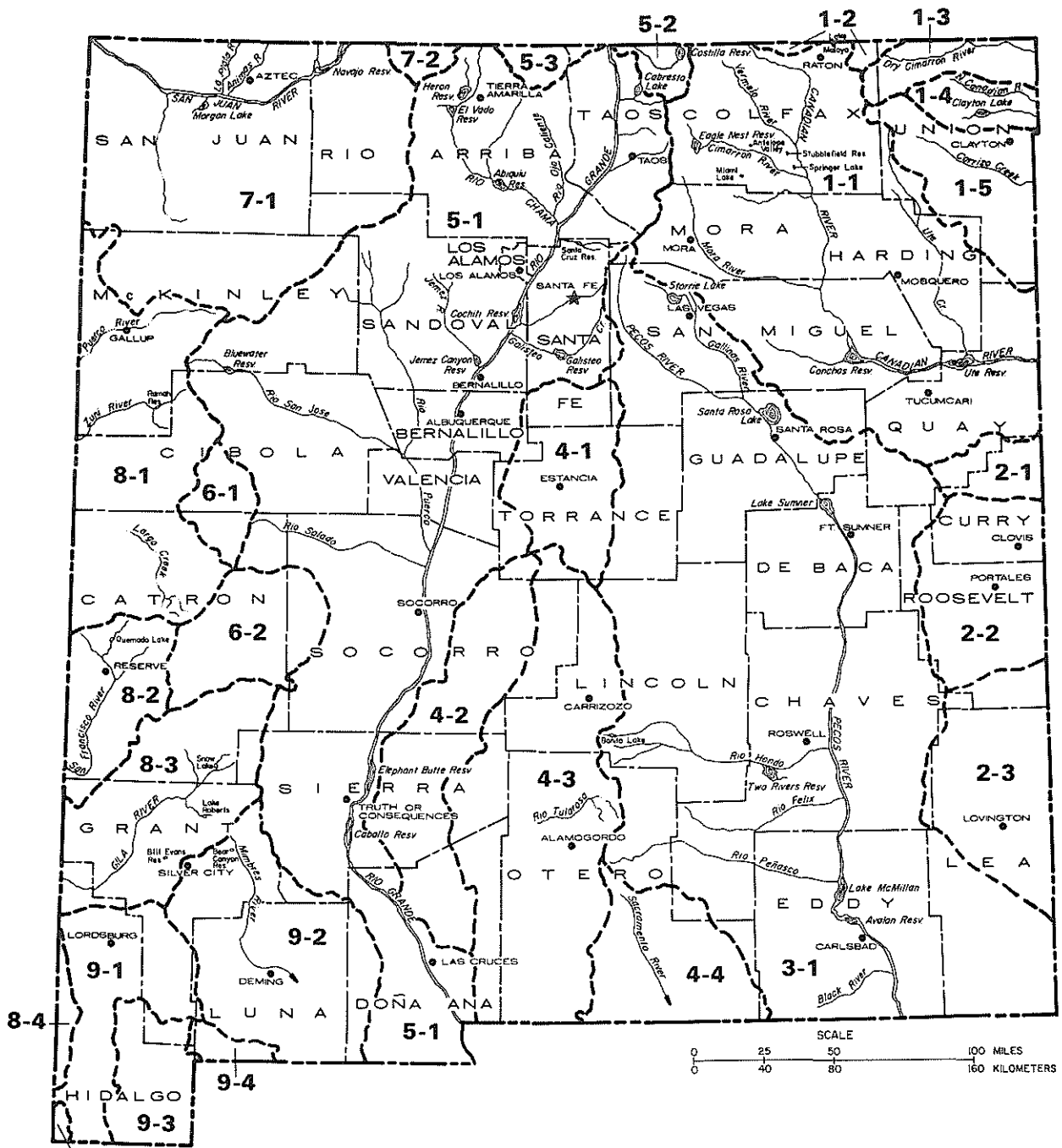


Figure 1. River Basins in New Mexico



BASIN	AREA IN SQ. MILES	BASIN	AREA IN SQ. MILES	BASIN	AREA IN SQ. MILES
ARKANSAS RIVER BASIN		CENTRAL CLOSED BASINS		SAN JUAN RIVER BASIN	
1-1, CANADIAN RIVER	12,885	4-1, ESTANCIA BASIN	2,239	7-1, SAN JUAN RIVER	9,276
1-2, PURGATOIRE RIVER	132	4-2, JORNADO DEL MUERTO	3,344	7-2, NAVAJO RIVER	254
1-3, DRY CIMARRON RIVER	1,000	4-3, TULAROSA BASIN	6,749		TOTAL 9,530
1-4, NORTH CANADIAN RIVER	736	4-4, SALT BASIN	2,375	LOWER COLORADO RIVER BASIN	
1-5, CARRIZO CREEK	2,205		TOTAL 14,707	8-1, LITTLE COLORADO RIVER	5,325
	TOTAL 16,958	RIO GRANDE BASIN		8-2, SAN FRANCISCO RIVER	1,836
SOUTHERN HIGH PLAINS		5-1, RIO GRANDE	25,731	8-3, GILA RIVER	3,549
2-1, RED RIVER	678	5-2, COSTILLA CREEK	277	8-4, SAN SIMON CREEK	240
2-2, BRAZOS RIVER	2,727	5-3, RIO SAN ANTONIO	287		TOTAL 10,950
2-3, LEA PLATEAU	2,682		TOTAL 26,295	SOUTHWESTERN CLOSED BASINS	
	TOTAL 6,087	WESTERN CLOSED BASINS		9-1, ANIMAS BASIN	2,388
PECOS RIVER BASIN		6-1, NORTH PLAINS	697	9-2, MIMBRES BASIN	4,387
3-1, PECOS RIVER		6-2, SAN AGUSTIN PLAINS	1,989	9-3, PLAYAS BASIN	1,390
	TOTAL 25,962		TOTAL 2,686	9-4, WAMEL BASIN	290
					TOTAL 8,455
				RIO YAQUI BASIN	
				10-1, RIO YAQUI	TOTAL 36
					STATE TOTAL 121,666

Figure 2. Surface Water Drainage Basins in New Mexico

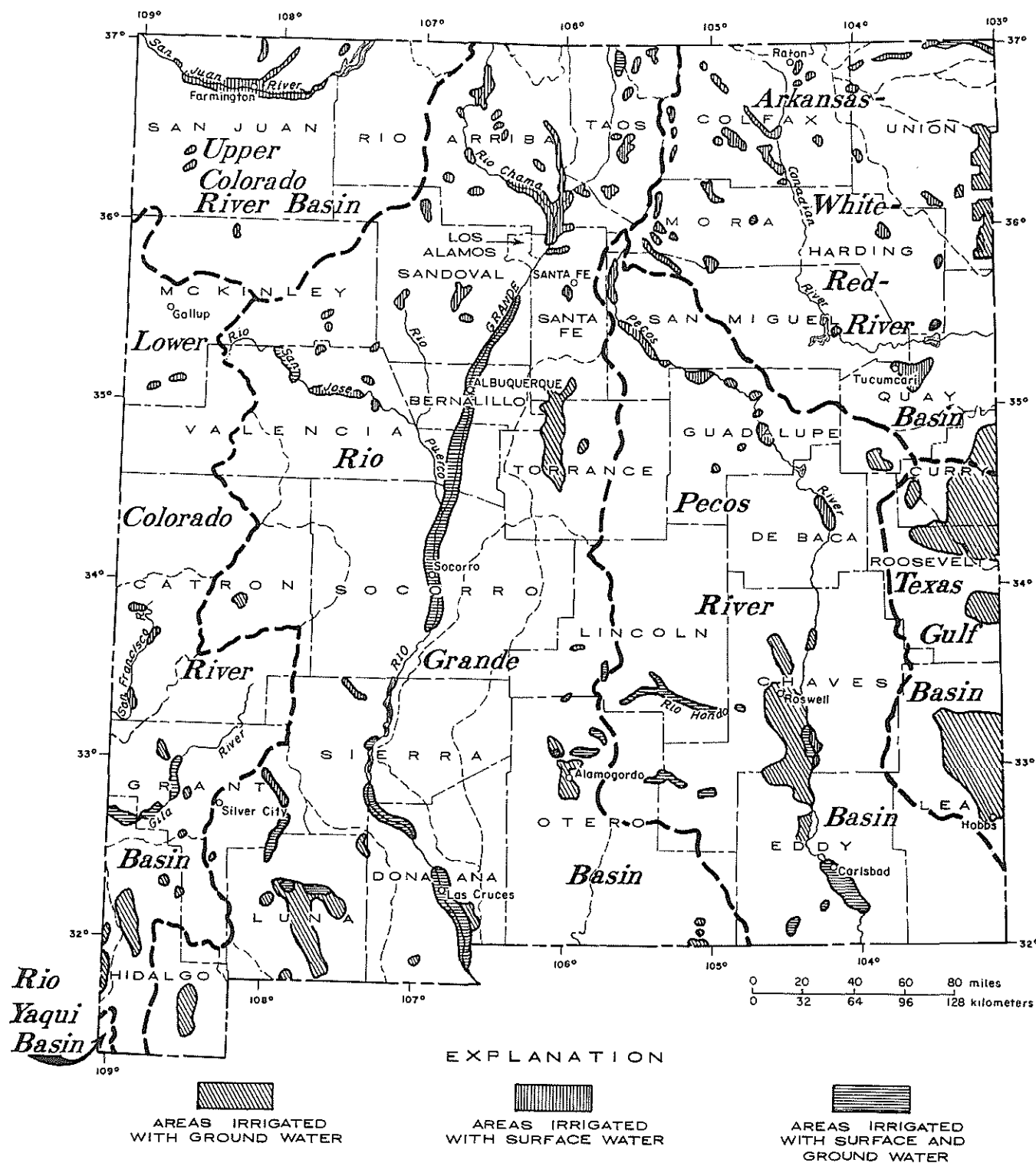
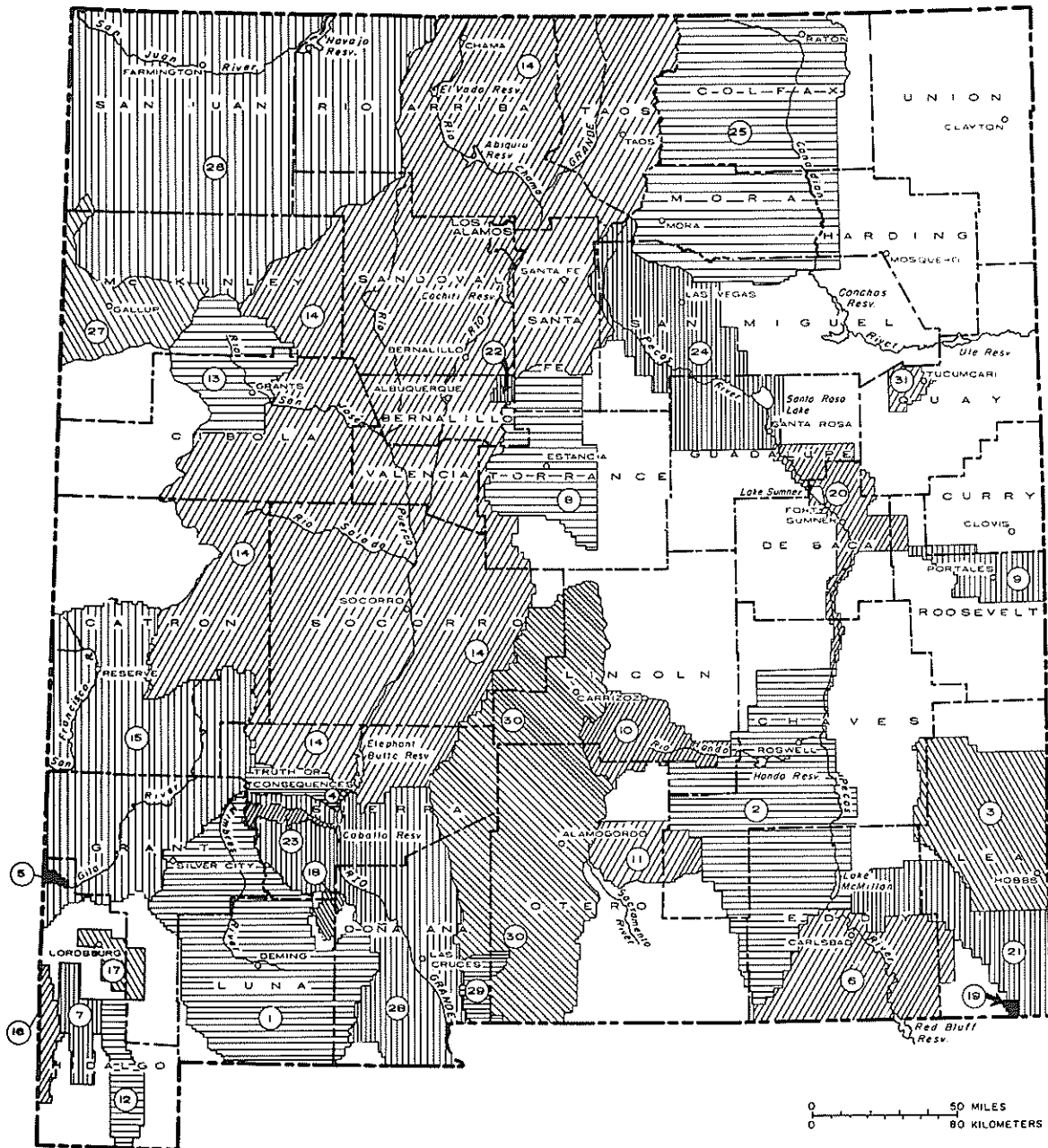


Figure 3. Lands in New Mexico Irrigated With Ground Water, Surface Water, and Ground and Surface Water Combined



BASIN	AREA IN SQUARE MI.	BASIN	AREA IN SQUARE MI.
1. MIMBRES VALLEY	4,279	16. SAN SIMON	263
2. ROSWELL	4,281	17. LORDSBURG VALLEY	329
3. LEA COUNTY	2,180	18. NUTT-HOCKETT	133
4. HOT SPRINGS	284	19. JAL	15
5. VIRDEN VALLEY	19	20. FORT SUMNER	1,059
6. CARLSBAD	1,965	21. CAPITAN	1,550
7. ANIMAS	426	22. SANDIA	73
8. ESTANCIA	1,724	23. LAS ANIMAS CREEK	131
9. PORTALES	628	24. UPPER PECOS	2,708
10. HONDO	901	25. CANADIAN RIVER	5,825
11. PENASCO	723	26. SAN JUAN	9,727
12. PLAYAS VALLEY	515	27. GALLUP	1,439
13. BLUEWATER	1,318	28. LOWER RIO GRANDE	3,858
14. RIO GRANDE	26,209	29. HUECO	255
15. GILA — SAN FRANCISCO	5,659	30. TULAROSA	6,070
		31. TUCUMCARI	177
			84,723

Figure 4. Groundwater Basins in New Mexico Declared by the State Engineer As Of June 30, 1986

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