

Technical Publication SJ84-2
Annual Water Use Survey—1982
Part I

by

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INTRODUCTION

Water use data is collected annually for the 19 counties within the St. Johns River Water Management District (Figure 1). As in past years (1978, 1979, 1980, 1981) the 1982 data has been published in a Technical Report. This report summarizes water use in the St. Johns River Water Management District for 1982. In addition to this Technical Report the 1982 data has been published in a Map Series (83-2) to illustrate water use within the District

Water use figures are in million gallons per day (MGD). Water use is shown for fresh ground and surface water sources along with total fresh water use. Water use is also shown for the following categories, Public supply, Domestic self-supplied, Industrial self-supplied (including Institutional self-supplied), Agricultural Irrigation (including Livestock use), Thermoelectric Power Generation and Heat Pump/Air Conditioning.

Data for public suppliers (125), self-supplied industries (67), institutions (13) and thermoelectric power plants (13) is collected by the SJRWMD. Agricultural water use is estimated from the data provided by representatives of the Institute of Food and Agricultural Sciences (IFAS), the USDA Soil Conservation Service (SCS), and the USDA Agricultural Stabilization and Conservation Service (ASCS). Supplemental irrigation needs for crops in this report were computed using the 30 year mean of rainfall and temperature. Previous reports utilized only the prior years rainfall and temperature data. This procedure provides a more accurate account of water use in agricultural. The heat pump/air conditioning figures are calculated from the Brevard County well inventory list 1975-77, the Volusia County Vol-Data File (USGS 11/20/80) and conversations with Heating Ventilation Air Conditioner (HVAC) dealers in Putnam County. This category is calculated for only three counties, Brevard, Volusia and Putnam. Data for the remaining 16 counties is presently being inventoried.

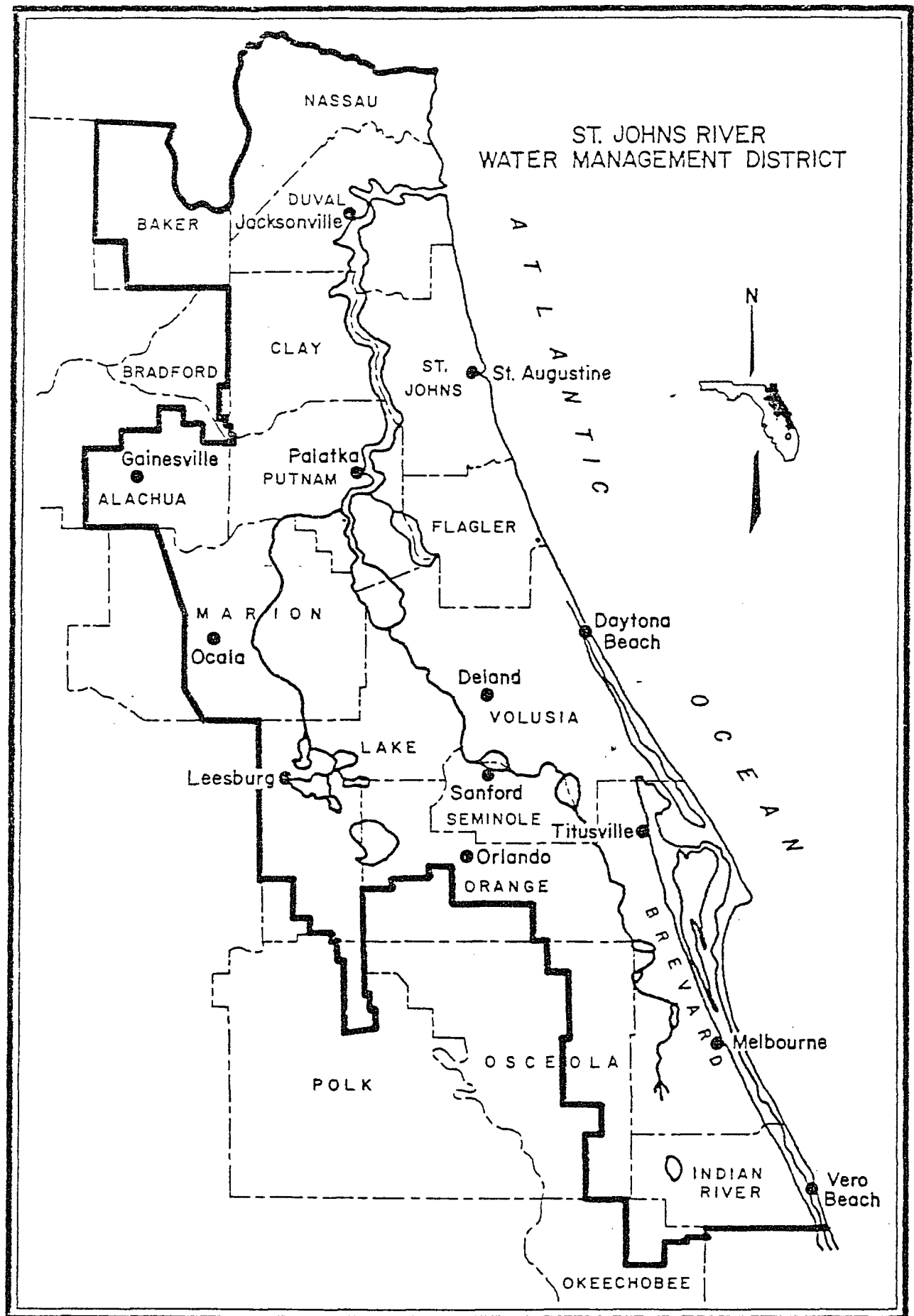


Figure 1. St. Johns River Water Management District

WATER USE BY CATEGORY

Public Supply

The total fresh water use for Public supply in 1982 amounted to 291.52 MGD of which 280.19 MGD (96%) was ground water and 11.33 MGD (4%) surface water. Orange (83.16 MGD) and Duval (70.19 MGD) were the counties with the largest public water use for 1982 (Table 1). Orange County's total includes water withdrawn for the City of Cocoa in Brevard County (16.44 MGD). Duval (466,891) and Orange (381,500) counties also have the largest number of people served by public supply systems. Total population served by the 125 public or private suppliers (utilities that serve 500 or more) accounted for 78% (1,888,517) of the District's population.

TABLE 1. Public Fresh Water Use (MGD): 1982

COUNTY	GROUND	SURFACE	TOTAL	PERCENT
ALACHUA	16.47	-	16.47	5
BAKER	0.53	-	0.53	*
BRADFORD	-	-	-	-
BREVARD	6.87	11.33	18.20	6
CLAY	5.93	-	5.93	2
DUVAL	70.19	-	70.19	24
FLAGLER	1.45	-	1.45	*
INDIAN RIVER	7.51	-	7.51	3
LAKE	11.67	-	11.67	4
MARION	7.59	-	7.59	3
NASSAU	3.29	-	3.29	1
OKEECHOBEE	-	-	-	-
ORANGE	83.16	-	83.16	29
OSCEOLA	-	-	-	-
POLK	-	-	-	-
PUTNAM	3.45	-	3.45	1
SEMINOLE	25.16	-	25.16	9
ST. JOHNS	5.69	-	5.69	2
VOLUSIA	31.23	-	31.23	11
TOTALS	280.19	11.33	291.52	

* less than 1.0%

Domestic self-supplied

Domestic self-supplied fresh water use in 1982 amounted to 88.20 MGD of ground water. In 1982, an estimated 521,332 people were served by small utilities not inventoried, or are self-supplied. In order to calculate domestic water use, gallons per capita day (GPCD) were estimated for each county, then multiplied by the population not served by public supply. The District 1982 average GPCD was 154, although this figure accounted for public supplied commercial and industrial water use as well as a single family use.

In addition to GPCD, total Domestic self-supplied water use was calculated for each county (Table 2). Duval (17.08 MGD), Indian River (11.77 MGD) and Lake (8.78 MGD) were the counties with the largest domestic self-supplied water use for 1982.

TABLE 2. Domestic self-supplied Fresh Water Use (MGD): 1982

COUNTY	GROUND	SURFACE	TOTAL	PERCENT
ALACHUA	1.66	-	1.66	2
BAKER	1.52	-	1.52	2
BRADFORD	0.22	-	0.22	*
BREVARD	4.55	-	4.05	5
CLAY	3.58	-	3.58	4
DUVAL	17.08	-	17.08	20
FLAGLER	0.48	-	0.48	*
INDIAN RIVER	11.77	-	11.77	13
LAKE	8.78	-	8.78	10
MARION	7.47	-	7.47	9
NASSAU	5.72	-	5.72	6
OKEECHOBEE	0.06	-	0.06	*
ORANGE	4.24	-	4.24	5
OSCEOLA	0.05	-	0.05	*
POLK	7.77	-	0.77	*
PUTNAM	7.40	-	7.40	9
SEMINOLE	5.63	-	5.63	6
ST. JOHNS	2.60	-	2.60	3
VOLUSIA	5.12	-	5.12	6
TOTAL	88.20	-	88.20	

* less than 1.0%

Industrial self-splied

Industrial self-supplied fresh water use for 1982 accounted for 169.69 MGD of which 128.82 MGD (76%) was ground and 40.87 MGD (24%) surface. Industrial self-supplied use for 1982 includes 8.52 MGD of Institutional self-supplied water use. Putnam (55.59 MGD), Nassau (42.07 MGD) and Duval (35.81 MGD) were the counties with the largest industrial water use for 1982 (Table 3). Pulp and Paper processors are the major water users in Putnam, Nassau and Duval counties.

TABLE 3. Industrial self-supplied Fresh Water Use (MGD): 1982

COUNTY	GROUND	SURFACE	TOTAL	PERCENT
ALACHUA	1.34	-	1.34	*
BAKER	0.29	-	0.29	*
BRADFORD	-	-	-	-
BREVARD	0.15	-	0.15	*
CLAY	5.52	-	5.52	4
DUVAL	35.81	-	35.81	21
FLAGLER	0.05	-	0.05	*
INDIAN RIVER	0.23	-	0.23	*
LAKE	15.19	4.13	19.32	11
MARION	0.19	-	0.19	*
NASSAU	41.90	0.17	42.07	25
OKEECHOBEE	-	-	-	-
ORANGE	5.58	-	5.58	4
OSCEOLA	-	-	-	-
POLK	-	-	-	-
PUTNAM	19.02	36.57	55.59	33
SEMINOLE	3.37	-	3.37	2
ST. JOHNS	0.22	-	0.02	*
VOLUSIA	0.32	-	0.33	*
TOTALS	128.82	40.87	169.69	

* less than 1.0%

Agricultural Irrigation

Agricultural Irrigation fresh water use, which includes Livestock water use, was the largest water use category in 1982 accounting for 698.77 MGD. Total ground water withdrawn amounted to 484.01 MGD (69%) and the remaining 214.76 MGD (31%) was surface water. Indian River (250.91 MGD), Lake (100.44 MGD) and Brevard (91.96 MGD) were the counties with the largest Agricultural Irrigation water use for 1982 (Table 4). Citrus and improved pasture are the largest irrigated crops in these three counties (see appendix). Total agricultural acreage for 1982 was 1,099,172 of which 31% was irrigated (340,589). Indian River (94,688), Lake (69,813), Brevard (36,106) and Orange (33,382) counties accounted for 69% of the irrigated acres in 1982.

TABLE 4. Agricultural Irrigation Fresh Water Use (MGD): 1982

COUNTY	GROUND	SURFACE	TOTAL	PERCENT
ALACHUA	11.08	1.48	12.56	2
BAKER	1.79	0.59	2.38	*
BRADFORD	-	-	-	-
BREVARD	76.69	15.27	91.96	13
CLAY	2.80	1.27	4.07	*
DUVAL	4.62	2.26	6.88	1
FLAGLER	5.85	0.17	6.02	1
INDIAN RIVER	88.47	162.44	250.91	36
LAKE	82.75	17.69	100.44	15
MARION	16.46	2.67	19.13	3
NASSAU	1.6	0.86	2.46	*
OKEECHOBEE	11.68	2.02	13.70	2
ORANGE	51.39	3.15	54.54	8
OSCEOLA	7.56	0.86	8.42	1
POLK	15.09	0.07	15.16	2
PUTNAM	20.58	1.71	22.29	3
SEMINOLE	26.94	0.40	27.34	4
ST. JOHNS	32.55	0.49	33.04	5
VOLUSIA	26.11	1.36	27.47	4
TOTALS	484.01	214.76	698.77	

* less than 1.0%

Thermoelectric Power Generation

Thermoelectric Power Generation fresh water use in 1982 amounted to 10.79 MGD. Ground water use totaled 4.05 MGD (38%) while surface water use totaled 6.74 MGD (62%). The total fresh water use in this category represents less than 1.0% (0.8%) of the total water use in 1982. The majority of water use in this category is saline surface water (1,373.02 MGD) used for once through cooling. Volusia County (5.19 MGD) was the only county with a significant fresh water use value for 1982 (Table 5).

TABLE 5. Thermoelectric Fresh Water Use (MGD): 1982

COUNTY	GROUND	SURFACE	TOTAL	PERCENT
ALACHUA	0.72	-	0.72	7
BAKER	-	-	-	-
BRADFORD	-	-	-	-
BREVARD	0.24	-	0.24	2
CLAY	-	-	-	-
DUVAL	2.16	-	2.16	20
FLAGLER	-	-	-	-
INDIAN RIVER	0.28	-	0.28	2
LAKE	-	-	-	-
MARION	-	-	-	-
NASSAU	-	-	-	-
OKEECHOBEE	-	-	-	-
ORANGE	-	1.47	1.47	14
OSCEOLA	-	-	-	-
POLK	-	-	-	-
PUTNAM	0.31	0.42	.73	7
SEMINOLE	-	-	-	-
ST. JOHNS	-	-	-	-
VOLUSIA	0.34	4.85	5.19	48
TOTALS	4.05	6.74	10.79	

* less than 1.0%

Heat Pump/Air Conditioning

Heat Pump/Air Conditioning (HP/AC) water use data was only collected for three counties; Brevard, Putnam and Volusia. Total water use for this category amounted to 149.27 MGD. Each county's totals are as follows:

- Brevard; 16,175 HP/AC units - 141.51 MGD
- Putnam; 500 HP/AC units - 2.29 MGD
- Volusia; 1,346 HP/AC units - 6.16 MGD

Data for the remaining 16 counties is presently being inventoried.

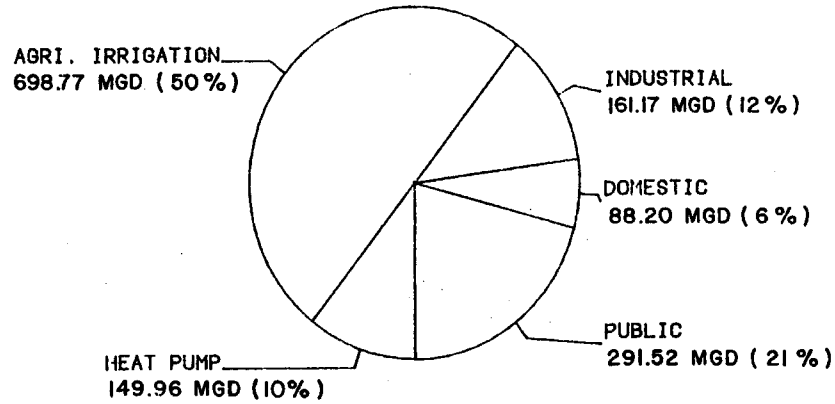
Water Use By Category Summary

Agricultural Irrigation (which includes Livestock water use) was the largest fresh water use category for 1982 (Table 6). This category accounted for 42% of the ground water and 78% of the total fresh surface water used within the District (Figure 2). The second largest category was Public supply using 25% of the total fresh ground water and 4% of the total fresh surface water. Other categories were substantial amounts of ground water were used are Heat Pump/Air Conditioning with 13%, Industrial self-supplied (which includes Institutional self-supplied water use) 11% and Domestic self-supplied 8%. Thermoelectric Power Generation accounted for less than 1% (0.4%) of the total ground water used in 1982. The two major fresh surface water use categories were Agricultural Irrigation (78%) and Industrial (15%) accounting for 93% of the total used in 1982. Public supply and Thermoelectric Power Generation accounted for the remaining 7% of total fresh surface water use.

TABLE 6. Total Fresh Water Use (MGD) by Category: 1982

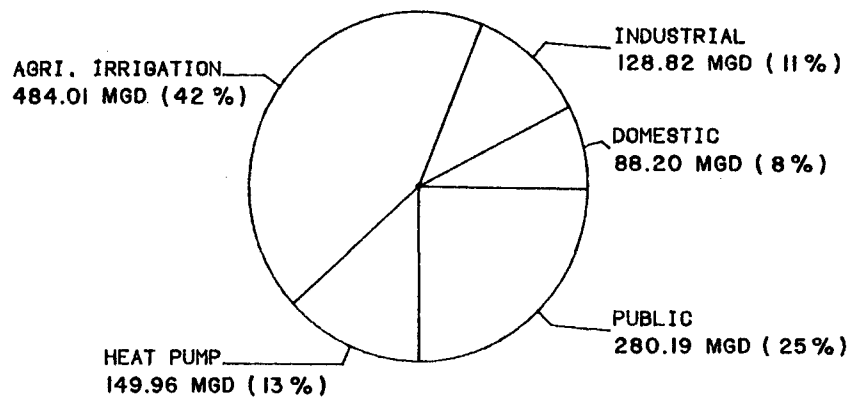
	GROUND	SURFACE	TOTAL
Public	280.19	11.33	291.52
Domestic	88.20	0.0	88.20
Industrial	128.82	40.87	169.69
Agr. Irrigation	484.01	214.76	698.77
Thermoelectric	4.05	6.74	10.79
Heat Pump A/C	149.96	0.0	149.96
Total	1,135.23	273.70	1,408.93

FRESH WATER USE (MGD) BY CATEGORY 1982



NOTE: THERMOELECTRIC (10.79 MGD) IS TOO SMALL TO DEPICT (LESS THAN 1.0%).

FRESH GROUND WATER USE (MGD) BY CATEGORY 1982



NOTE: THERMOELECTRIC (4.05 MGD) IS TOO SMALL TO DEPICT (LESS THAN 1.0%).

FRESH SURFACE WATER USE (MGD) BY CATEGORY 1982

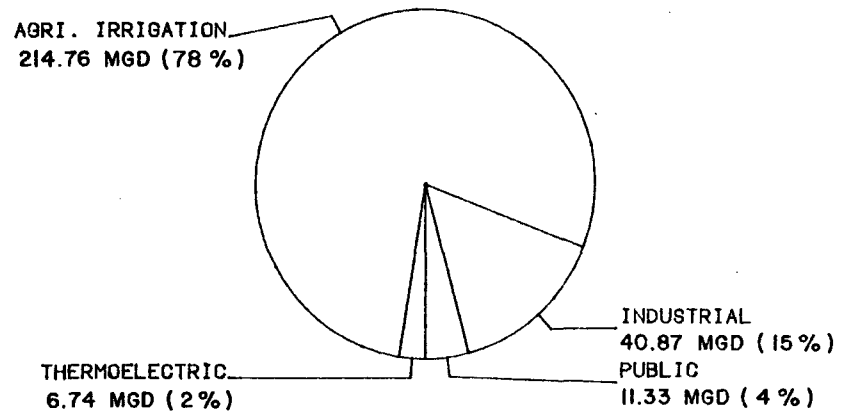


FIGURE 2. 1982 WATER USE BY CATEGORY

WATER USE BY COUNTY

Indian River and Brevard Counties were the largest fresh water use counties for 1982 (figure 3) accounting for 270.70 MGD (19%) and 256.11 MGD (18%) respectively. Orange (148.99 MGD), Lake (140.21 MGD) and Duval (132.12 MGD) are the next three largest fresh water use counties for 1982.

Brevard County, the largest fresh ground water use county in 1982, accounted for 229.51 MGD (20%). Other counties which withdrew over 100 MGD of fresh ground water are Orange (144.37 MGD), Duval (129.86 MGD), Lake (118.39 MGD) and Indian River (108.26 MGD).

Indian River County was the largest fresh surface water use county in 1982 accounting for 162.44 MGD (59%). Other counties using substantial amounts of surface water were Putnam (38.70), Brevard (26.60 MGD) and Lake (21.82 MGD).

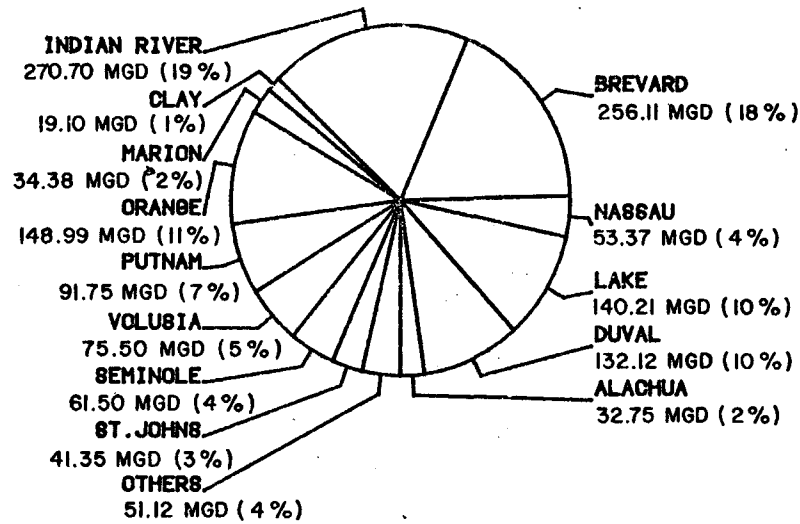
Figure 4 shows what portion of each county's fresh water use is ground and surface water (refer to Table 7 for actual values).

TABLE 7. Total Fresh Water Use (MGD) by County: 1982

COUNTY	GROUND	PERCENT	SURFACE	PERCENT	TOTAL	PERCENT
ALACHUA	31.27	3	1.48	*	32.75	2
BAKER	4.13	*	0.59	*	4.72	*
BRADFORD	0.22	*	-	-	0.22	*
BREVARD	229.51	20	26.60	10	256.11	18
CLAY	17.83	1	1.27	*	19.10	1
DUVAL	129.86	11	2.26	*	132.12	10
FLAGLER	7.83	*	0.17	*	8.00	*
INDIAN RIVER	108.26	10	162.44	59	270.70	19
LAKE	118.39	10	21.82	8	140.21	10
MARION	31.71	3	2.67	*	34.38	2
NASSAU	52.34	5	1.03	*	53.37	4
OKEECHOBEE	11.74	1	2.02	*	13.76	*
ORANGE	144.37	13	4.62	2	148.99	11
OSCEOLA	7.61	*	0.86	*	8.47	*
POLK	15.86	1	0.07	*	15.93	*
PUTNAM	53.05	5	38.70	14	91.75	7
SEMINOLE	61.10	5	0.40	*	61.50	4
ST. JOHNS	40.86	4	0.49	*	41.35	3
VOLUSIA	69.29	6	6.21	2	75.50	5
TOTALS	1,135.23		273.70		1,408.93	

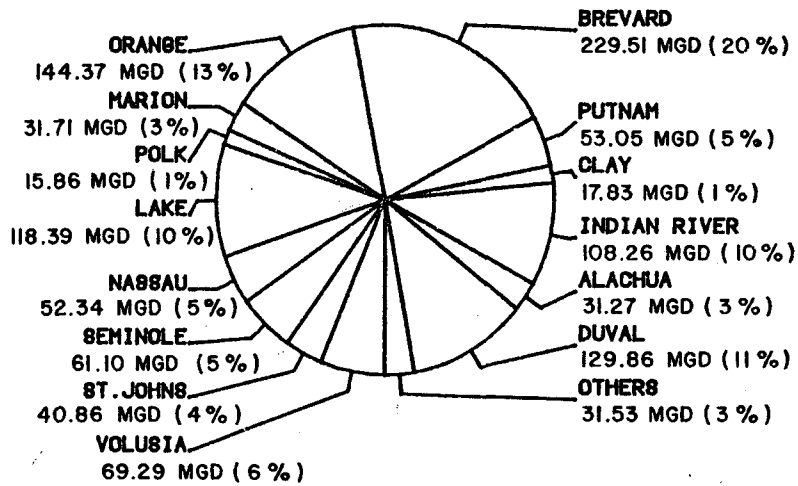
* less than 1.0%

FRESH WATER USE (MGD) BY COUNTY - 1982



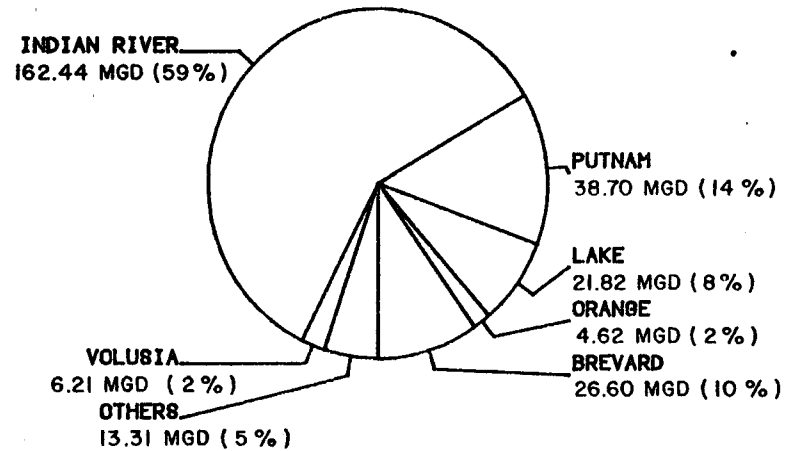
NOTE: OTHERS INCLUDE BAKER (4.72 MGD), BRADFORD (0.22 MGD), FLAGLER (8.00 MGD), OKEECHOBEE (13.78 MGD), OSCEOLA (8.47 AND POLK (15.83 MGD) COUNTIES.

FRESH GROUND WATER USE (MGD) BY COUNTY - 1982



NOTE: OTHERS INCLUDE BAKER (4.13 MGD), BRADFORD (0.22 MGD), FLAGLER (7.83 MGD), OKEECHOBEE (11.74 MGD), AND OSCEOLA (7.61 MGD) COUNTIES.

FRESH SURFACE WATER USE (MGD) BY COUNTY - 1982



NOTE: OTHERS INCLUDE ALACHUA (1.48 MGD), BAKER (0.68 MGD), CLAY (1.27 MGD), DUVAL (2.28 MGD), FLAGLER (0.17 MGD), MARION (2.07 MGD), NASSAU (1.03 MGD), OKEECHOBEE (2.02 MGD), OSCEOLA (0.88 MGD), POLK (0.07 MGD), SEMINOLE (0.40 MGD), AND ST. JOHNS (0.40 MGD) COUNTIES.

FIGURE 3. 1982 WATER USE BY COUNTY

SJRWMD-1982

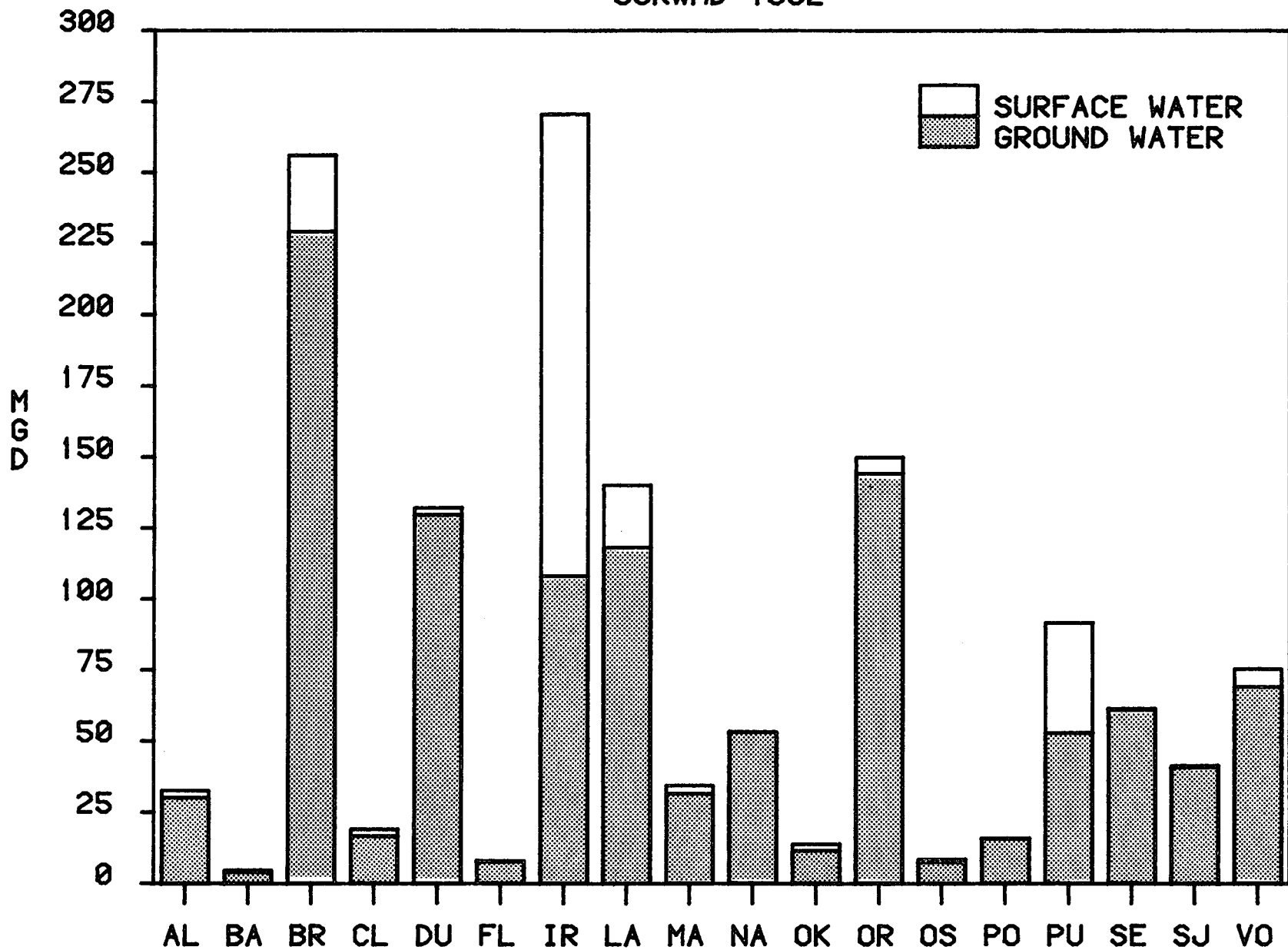


FIGURE 4. 1982 COUNTY WATER USE BY SOURCE

WATER USE BY SURFACE WATER BASIN

The Upper St. Johns River Basin is the largest fresh water use basin (357.43 MGD) for 1982 (Figure 5). This basin was the largest fresh surface water use basin accounting for 148.30 MGD (54%) of the total fresh surface water used in 1982 (Table 8). The Lower Coastal Basin (44.36 MGD) and the Lower St. Johns River Basin (40.21 MGD) are the only other significant users of fresh surface water for 1982.

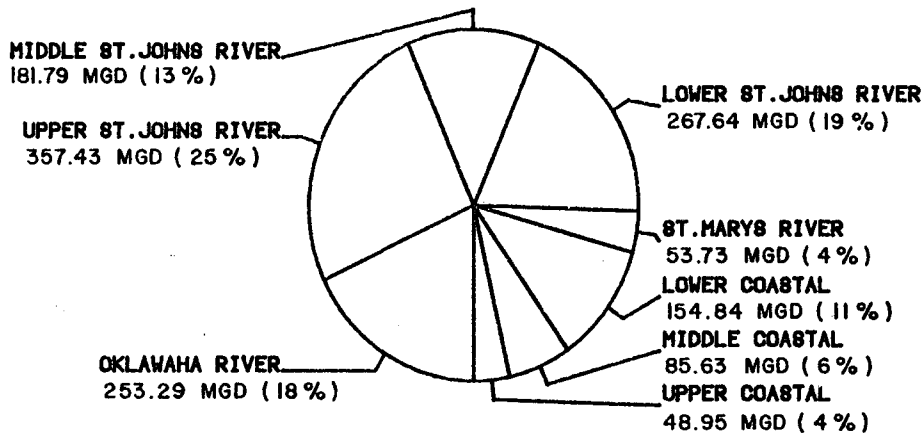
The Oklawaha River Basin (227.80 MGD), Lower St. Johns River Basin (227.43 MGD) and the Upper St. Johns River Basin (209.13 MGD) are the largest fresh ground water use basins in 1982. These 3 basins account for 58% of the ground water withdrawals for 1982 (Refer to Figure 6 for surface water basin locations).

TABLE 8. Surface Water Basin Fresh Water Use (MGD): 1982

Surface Water Basin	Ground	Percent	Surface	Percent	Total	Percent
Nassau River	4.63	*	1.00	*	5.63	*
St. Marys River	52.88	5	0.85	*	53.73	4
Lower St. Johns River	227.43	20	40.21	16	267.64	19
Middle St. Johns River	169.53	15	12.26	5	181.79	13
Upper St. Johns River	209.13	18	148.30	54	357.43	25
Oklawaha	227.80	20	25.49	9	253.29	18
Upper Coastal	48.23	4	0.72	*	48.95	4
Middle Coastal	81.12	8	0.51	*	85.63	6
Lower Coastal	110.48	10	44.36	16	154.84	11
TOTAL	1,135.23		273.70		1,408.93	

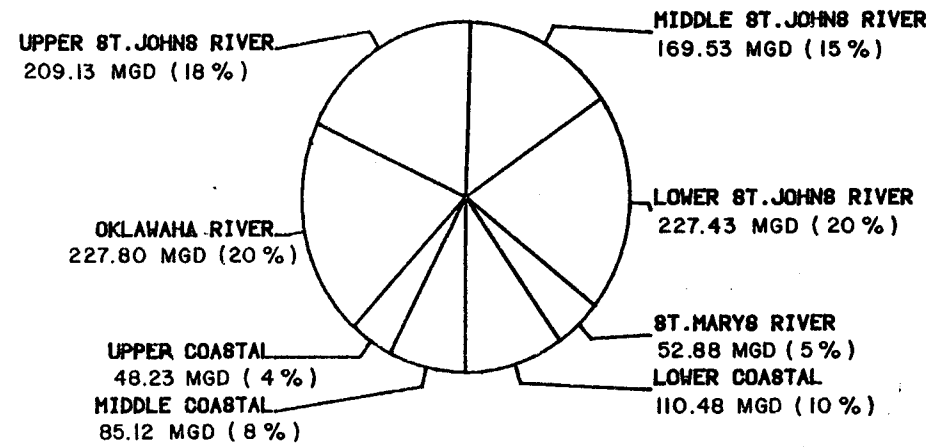
* less than 1.0%

FRESH WATER USE (MGD) BY SURFACE WATER BASIN, 1982



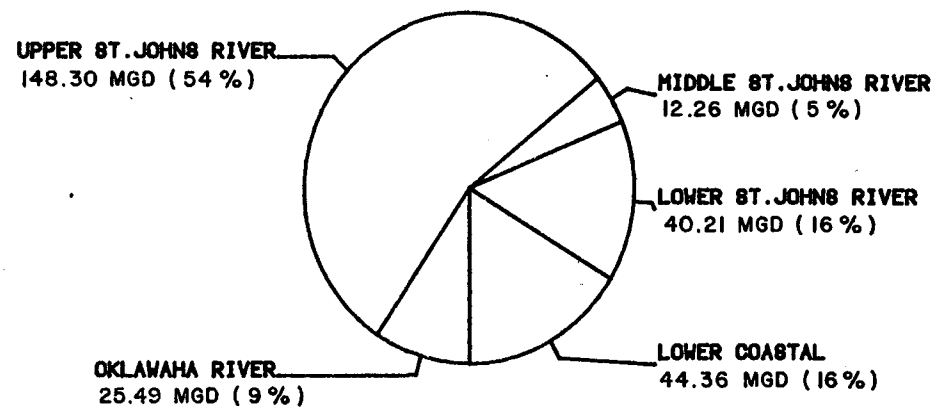
NOTE: NASSAU RIVER BASIN (5.83 MGD) IS TOO SMALL TO DEPICT (LESS THAN 1.0%).

FRESH GROUND WATER USE (MGD) BY SURFACE WATER BASIN, 1982



NOTE: NASSAU RIVER BASIN (4.83 MGD) IS TOO SMALL TO DEPICT (LESS THAN 1.0%).

FRESH SURFACE WATER USE (MGD) BY SURFACE WATER BASIN, 1982



NOTE: ST. MARYS RIVER (0.85 MGD), NASSAU RIVER (1.00 MGD), UPPER COASTAL (0.72 MGD) AND MIDDLE COASTAL (0.51 MGD) BASINS ARE TOO SMALL TO DEPICT (LESS THAN 1.0%).

FIGURE 5. 1982 WATER USE BY SURFACE WATER BASIN.

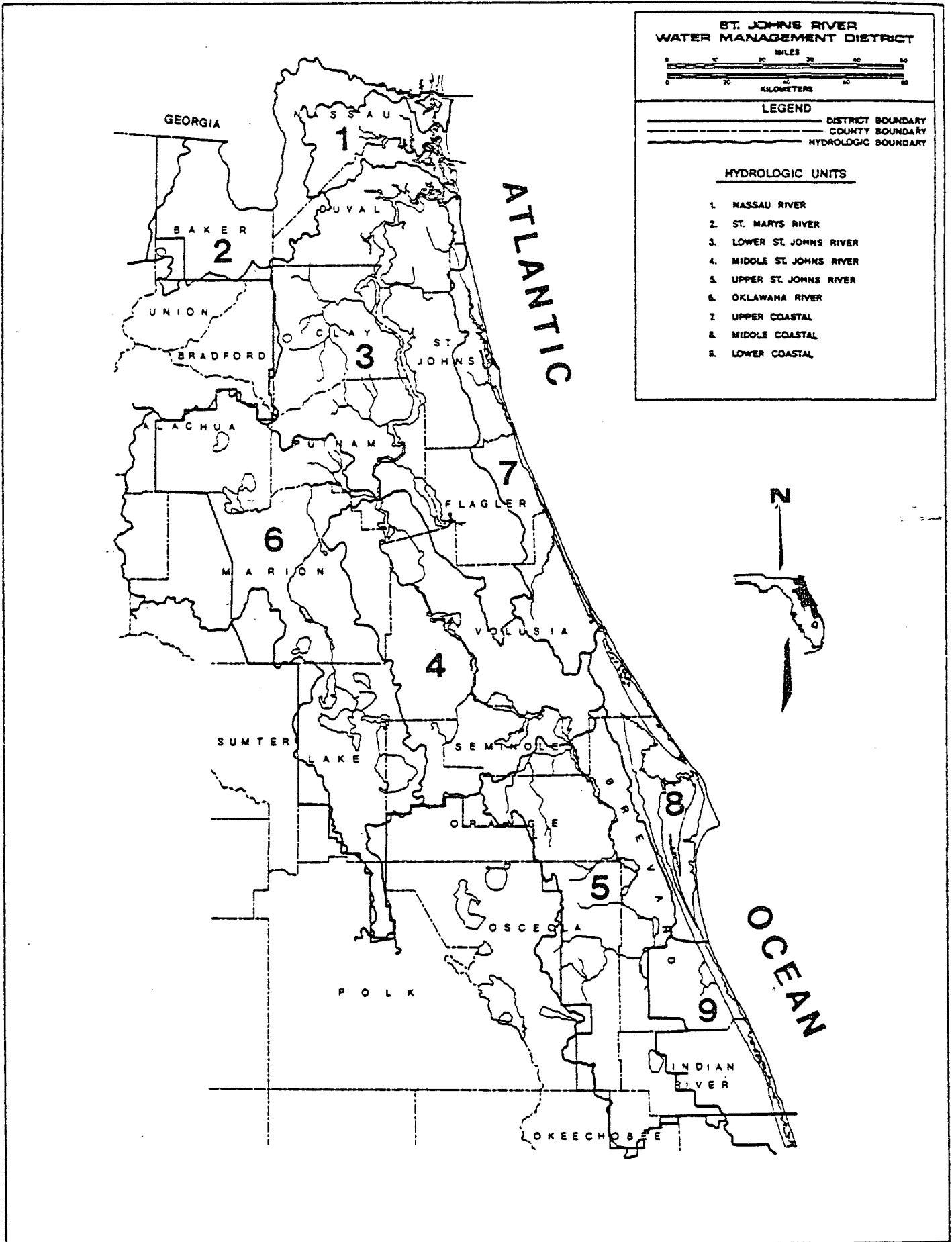
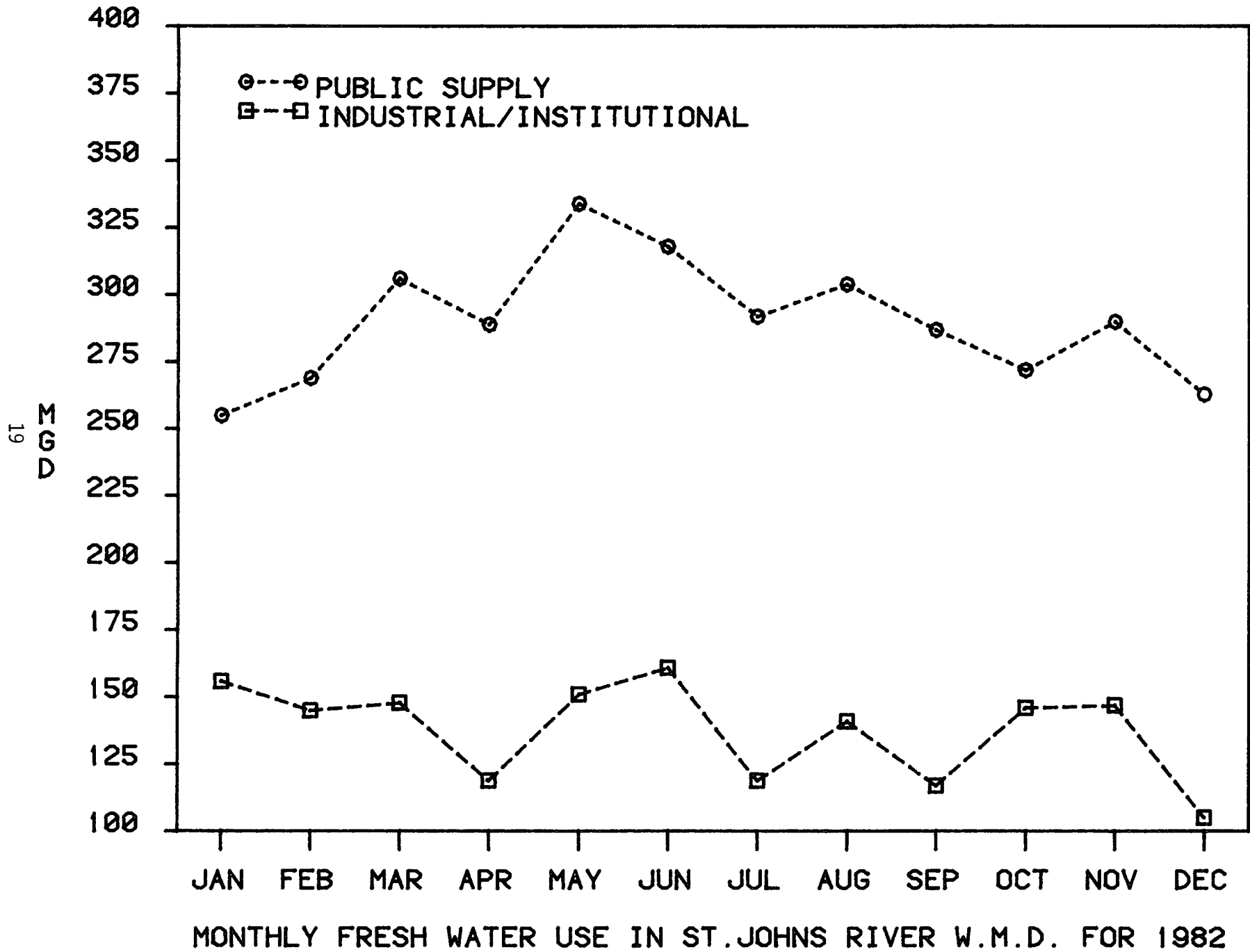


FIGURE 6 . ST. JOHNS RIVER WATER MANAGEMENT DISTRICT HYDROLOGIC UNIT MAP

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FLORIDA - 1982

Total Population: 10,375,332

Total Land Area: 58,560 sq. miles (37,478,400 acres)

St. Johns River Water Management Portion

Population: 2,409,849

Population Public Supply: 1,888,517

Population Domestic Self-supplied: 521,332

Gallons Per Capita Day: 154

Area: 12,341 sq. miles (7,898,240 acres)

Acres Farmed: 1,099,172

Acres Irrigated: 340,589

Fresh Water Use 1982 (MGD)

	GROUND	SURFACE	TOTAL
Public	280.19	11.33	291.52
Domestic	88.20	0.0	88.20
Industrial	128.82	40.87	169.69
Agricultural Irrigation	484.01	214.76	698.77
Thermoelectric	4.05	6.74	10.79
Heat pump/air condition	149.96	0.0	149.96
TOTALS	1,135.23	273.70	1,408.93

TABLE A-1 ACRES FARMED AND IRRIGATED
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

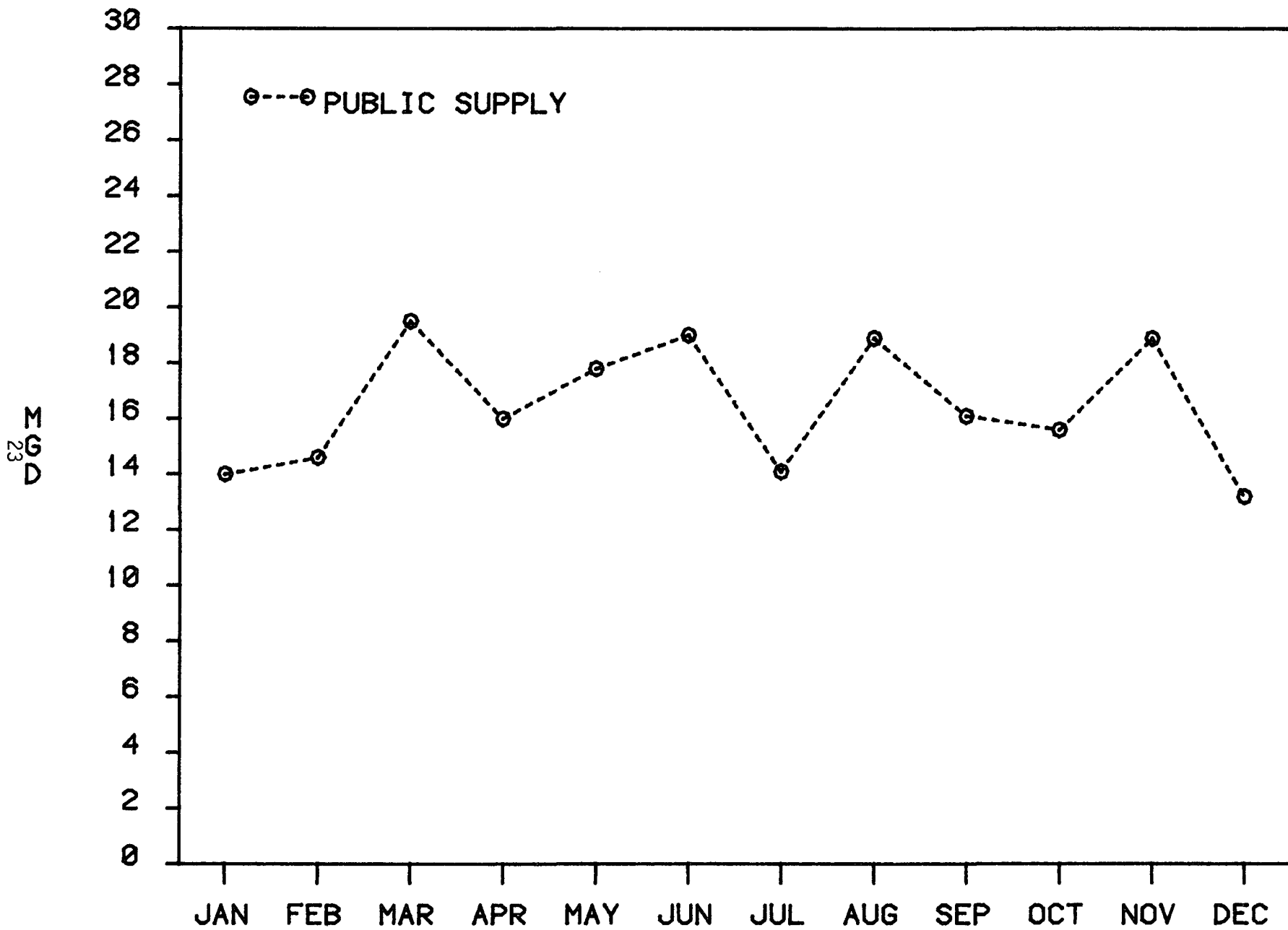
1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	13,605	13,505	1,525	6,600	5,360	0
CARROTS	8,940	8,940	0	0	8,940	0
CUCUMBERS	2,930	2,830	130	1,600	1,100	0
POTATOES	19,900	19,900	0	15,000	4,900	0
SWEET CORN	8,640	8,540	0	540	8,000	0
WATERCRESS	100	100	0	0	100	0
MISC. VEGETABLES	12,598	11,213	5,538	1,373	4,302	0
BLUEBERRIES	400	372	62	5	5	300
CITRUS	279,734	160,910	85,024	360	55,986	19,540
GRAPES	99	96	67	0	0	29
PEACHES	1,250	950	900	0	0	50
PEANUTS	2,300	588	588	0	0	0
PECANS	3,240	40	0	0	0	40
WATERMELONS	4,005	2,213	2,213	0	0	0
MISC. FRUITS	15	15	15	0	0	0
FIELD CORN	26,327	9,271	2,485	2,100	4,686	0
RICE	0	0	0	0	0	0
SORGHUM	3,640	1,890	700	500	690	0
SOYBEANS	10,840	4,815	2,975	1,040	800	0
TOBACCO	323	160	160	0	0	0
MISC. GRAINS	13,300	1,050	1,050	0	0	0
WHEAT	100	100	0	0	100	0
FERNS	5,495	4,790	4,790	0	0	0
FLOWERS & FOLIAGE	3,945	2,945	1,708	10	220	1,007
IMPROVED PASTURE	660,410	74,679	4,015	1,000	69,564	100
SHRUBS	600	597	582	0	0	15
SOD	2,400	1,790	1,390	0	400	0
TURF GRASS	14,036	8,290	8,290	0	0	0
<hr/>						
DISTRICT TOTALS	1,099,172	340,489	124,207	30,128	165,053	21,081

TABLE A-2 IRRIGATION WATER USE
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

1982

CROP	WATER WITHDRAWN				
	TOTAL ACRE FEET	(MGD)		RE-USED	TOTAL
		GROUND	SURFACE		
CABBAGE	16760	13.9	0.0	0.0	13.9
CARROTS	9134	8.15	0.0	0.0	8.15
CUCUMBERS	2539	2.26	0.0	0.0	2.26
POTATOES	23668	20.46	0.65	0.0	21.11
SWEET CORN	11359	9.45	0.69	0.0	10.14
WATERCRESS	92	0.08	0.0	0.0	0.08
MISC. VEGETABLES	15327	13.49	0.09	0.0	13.58
BLUEBERRIES	637	0.58	0.0	0.0	0.58
CITRUS	298767	157.44	109.28	0.0	266.72
GRAPE	180	0.15	0.0	0.0	0.15
PEACHES	2847	2.47	0.07	0.0	2.54
PEANUTS	451	0.4	0.01	0.0	0.41
PECANS	114	0.1	0.0	0.0	0.10
WATERMELONS	1719	1.4	0.13	0.0	1.53
MISC. FRUIT	23	0.02	0.0	0.0	0.02
FIELD CORN	15822	12.96	1.44	0.0	14.4
RICE	0	0.0	0.0	0.0	0.0
SORGHUM	1945	1.74	0.0	0.0	1.74
SOYBEANS	5916	4.79	0.49	0.0	5.28
TOBACCO	154	0.14	0.0	0.0	0.14
MISC. GRAINS	1232	0.88	0.22	0.0	1.1
WHEAT	48	0.04	0.0	0.0	0.04
FERNS	25403	22.3	0.29	0.0	22.59
FLOWERS & FOLIAGE	14623	11.57	1.49	0.0	13.06
IMPROVED PASTURE	283882	166.33	86.6	0.0	252.93
SHRUBS	2547	2.26	0.0	0.0	2.26
SOD	7377	5.34	0.0	1.25	5.34
TURF GRASS	33418	18.07	6.4	1.96	24.47
LIVESTOCK		7.23	6.91	0.0	14.14
TOTAL	7759848	484.04	214.76	3.21	698.77



MONTHLY FRESH WATER USE IN ALACHUA COUNTY FOR 1982

COUNTY: Alachua - 1982

Total Population: 159,248

Total Land Area: 961 sq.miles

St. Johns River Water Management Portion

Population: 112,691

Population Public Supply: 102,018

Population Domestic Self-supplied: 10,673

Gallons Per Capita Day: 156

Area: 482 sq. miles (308,480 acres)

Acres Farmed: 87,316

Acres Irrigated: 9,587

Fresh Water Use 1982 (MGD)

	GROUND	SURFACE	TOTAL
Public	16.47	0.0	16.47
Domestic	1.66	0.0	1.66
Industrial	1.34	0.0	1.34
Agricultural Irrigation	11.08	1.48	12.56
Thermoelectric	0.72	0.0	0.72
Heat pump/air condition	0.0	0.0	0.0
TOTALS	31.27	1.48	32.75

ALACHUA

TABLE A-3 ACRES FARMED AND IRRIGATED

ALACHUA COUNTY (1)

1982

CROPE	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SPRINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	2,626	2,626	2,626	0	0	0
BLUEBERRIES	25	25	13	0	0	12
CITRUS	200	100	100	0	0	0
GRAPES	20	20	0	0	0	20
PEACHES	250	150	100	0	0	50
PEANUTS	200	100	100	0	0	0
PECANS	3,000	0	0	0	0	0
WATERMELONS	1,250	813	813	0	0	0
MISC. FRUITS	15	15	15	0	0	0
FIELD CORN	7,000	900	900	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	4,000	2,025	2,025	0	0	0
TOBACCO	100	80	80	0	0	0
MISC. GRAINS	10,500	1,050	1,050	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	225	225	203	0	0	22
IMPROVED PASTURE	57,000	1,200	1,200	0	0	0
SHRUBS	0	0	0	0	0	0
SOIL	500	0	0	0	0	0
TURF GRASS	405	268	268	0	0	0
TOTAL	87,316	9,597	9,493	0	0	104

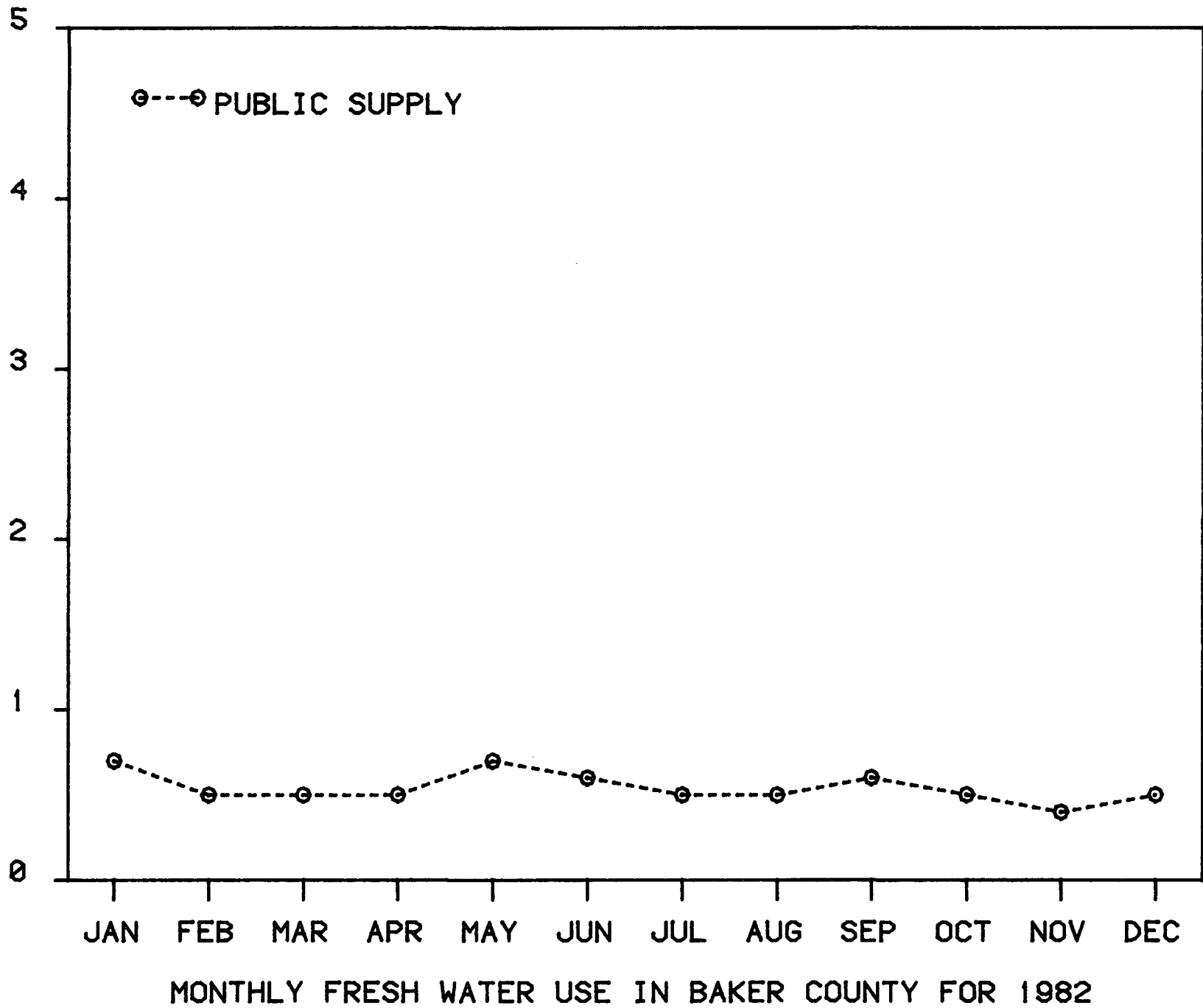
1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

TABLE A-4 IRRIGATION WATER USE

ALACHUA COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL	(MGD)			
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL	AC FT	GROUND	SURFACE	RE-USED	TOTAL
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	11.7	0.0	0.0	2560	2.29	0.0	0.0	2.29
BLUEBERRIES	10.0	0.0	8.0	18	0.02	0.0	0.0	0.02
CITRUS	17.19	0.0	0.0	143	0.13	0.0	0.0	0.13
GRAPE	0.0	0.0	19.33	32	0.02	0.0	0.0	0.02
PEACHES	34.7	0.0	30.83	417	0.3	0.07	0.0	0.37
PEANUTS	7.5	0.0	0.0	63	0.05	0.01	0.0	0.06
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	9.66	0.0	0.0	654	0.47	0.11	0.0	0.58
MISC. FRUIT	18.0	0.0	0.0	23	0.02	0.0	0.0	0.02
FIELD CORN	15.85	0.0	0.0	1189	0.85	0.21	0.0	1.06
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	12.2	0.0	0.0	2072	1.48	0.37	0.0	1.85
TOBACCO	11.54	0.0	0.0	77	0.07	0.0	0.0	0.07
MISC. GRAINS	7.0	0.0	0.0	1232	0.88	0.22	0.0	1.1
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	65.0	0.0	48.0	1219	1.09	0.0	0.0	1.09
IMPROVED PASTURE	27.61	0.0	0.0	2761	1.97	0.49	0.0	2.46
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	36.28	0.0	0.0	428	0.72	0.0	0.0	0.72
LIVESTOCK					0.72	0.0	0.0	0.72
TOTAL				12888	11.08	1.48	0.0	12.56



COUNTY: Baker - 1982

Total Population: 16,081

Total Land Area: 588 sq.miles

St. Johns River Water Management Portion

Population: 15,277

Population Public Supply: 3,952

Population Domestic Self-supplied: 11,325

Gallons Per Capita Day: 134

Area: 536 sq. miles (343,040 acres)

Acres Farmed: 15,000

Acres Irrigated: 480

Fresh Water Use 1982 (MGD)

	GROUND	SURFACE	TOTAL
Public	0.53	0.0	0.53
Domestic	1.52	0.0	1.52
Industrial	0.29	0.0	0.29
Agricultural Irrigation	1.79	0.59	2.38
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	4.13	0.59	4.72

BAKER

TABLE A-5 ACRES FARMED AND IRRIGATED

BAKER COUNTY

1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SPRINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	100	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	100	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	100	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	522	100	100	0	0	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	0	0	0	0	0	0
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	100	0	0	0	0	0
PECANS	200	0	0	0	0	0
WATERMELONS	400	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	4,467	0	0	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	500	0	0	0	0	0
TOBACCO	186	80	80	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	1,200	200	200	0	0	0
IMPROVED PASTURE	7,000	0	0	0	0	0
SHRUBS	0	0	0	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	125	100	100	0	0	0
TOTAL	15,000	480	480	0	0	0

1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

TABLE A-6 IRRIGATION WATER USE

BAKER COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL		(MGD)		
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL	AC.FI	GROUND	SURFACE	RE-USED	TOTAL
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	11.7	0.0	0.0	98	0.09	0.0	0.0	0.09
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	11.54	0.0	0.0	77	0.07	0.0	0.0	0.07
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	45.0	0.0	0.0	1083	0.97	0.0	0.0	0.97
IMPROVED PASTURE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	33.23	0.0	0.0	277	0.25	0.0	0.0	0.25
LIVESTOCK					0.41	0.59	0.0	1.0
TOTAL				1535	1.79	0.59	0.0	2.38

NOTE: THERE WAS NO PUBLIC OR INDUSTRIAL PUMPAGE IN BRADFORD COUNTY
WITHIN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR 1982.

COUNTY: Bradford - 1982

Total Population: 20,689

Total Land Area: 305 sq.miles

St. Johns River Water Management Portion

Population : 1,389

Population Public Supply: -0-

Population Domestic Self-supplied: 1,389

Gallons Per Capita Day: 154 - District average

Land Area: 6 sq.miles (3,840 acres)

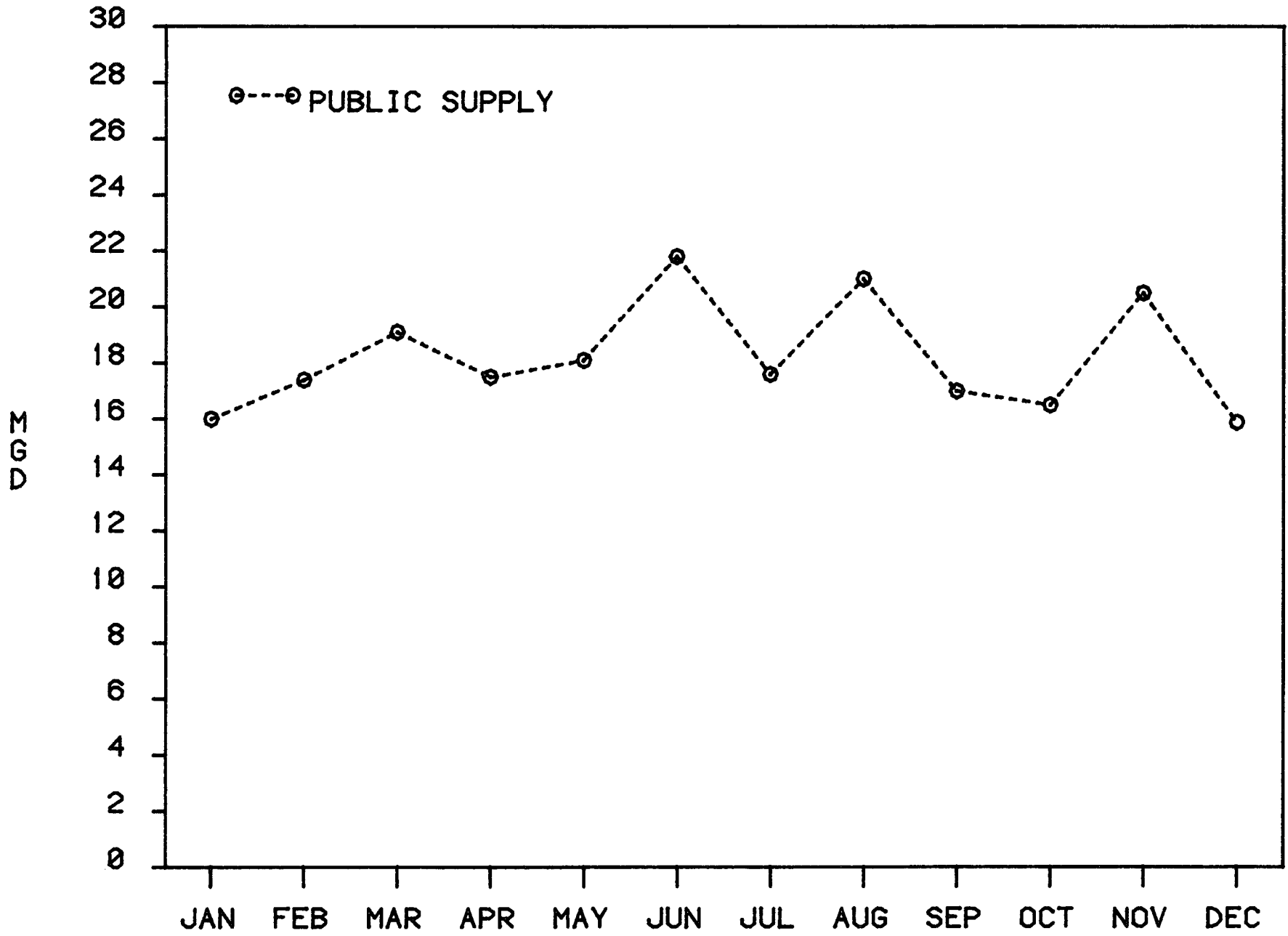
Acres Farmed: -0-

Acres Irrigated: -0-

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	0.0	0.0	0.0
Domestic	0.22	0.0	0.22
Industrial	0.0	0.0	0.0
Agricultural Irrigation	0.0	0.0	0.0
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	0.22	0.0	0.22

BRADFORD



MONTHLY FRESH WATER USE IN BREVARD COUNTY FOR 1982

COUNTY: Brevard - 1982

Total Population: 298,111

Total Land Area: 1,310 sq.miles

St. Johns River Water Management Portion

Population : 298,111

Population Public Supply: 266,961

Population Domestic Self-supplied: 31,150

Gallons Per Capita Day: 130

Land Area: 1,310 sq.miles (636,800 acres)

Acres Farmed: 147,912

Acres Irrigated: 36,106

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	6.87	11.33	18.20
Domestic	4.05	0.0	4.05
Industrial	0.15	0.0	0.15
Agricultural Irrigation	76.69	15.27	91.96
Thermoelectric	0.24	0.0	0.24
Heat pump/air condition	141.51	0.0	141.51
TOTALS	229.51	26.60	256.11

BREVARD

TABLE A-7 ACRES FARMED AND IRRIGATED

BREVARD COUNTY

1982

CROPE	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	200	150	50	0	100	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	23,000	17,599	8,448	0	8,271	880
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	150	150	150	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	60	0	0	0	0	0
SORGHUM	50	50	0	0	50	0
SOYBEANS	0	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	10	10	10	0	0	0
IMPROVED PASTURE*	121,700	15,834	0	0	15,834	0
SHRUBS	190	190	190	0	0	0
SOD	1,000	1,000	1,000	0	0	0
TURF GRASS	1,552	1,123	1,123	0	0	0
TOTAL	147,912	36,106	10,971	0	24,255	980

* IMPROVED PASTURE IRRIGATED ACRES WAS DECREASED 75% (47,502 ACRES) BETWEEN 1981 AND 1982.
THIS WAS DONE THROUGH RESEARCH BY COUNTY EXTENTION AND SOIL CONSERVATION SERVICE PERSONNEL.

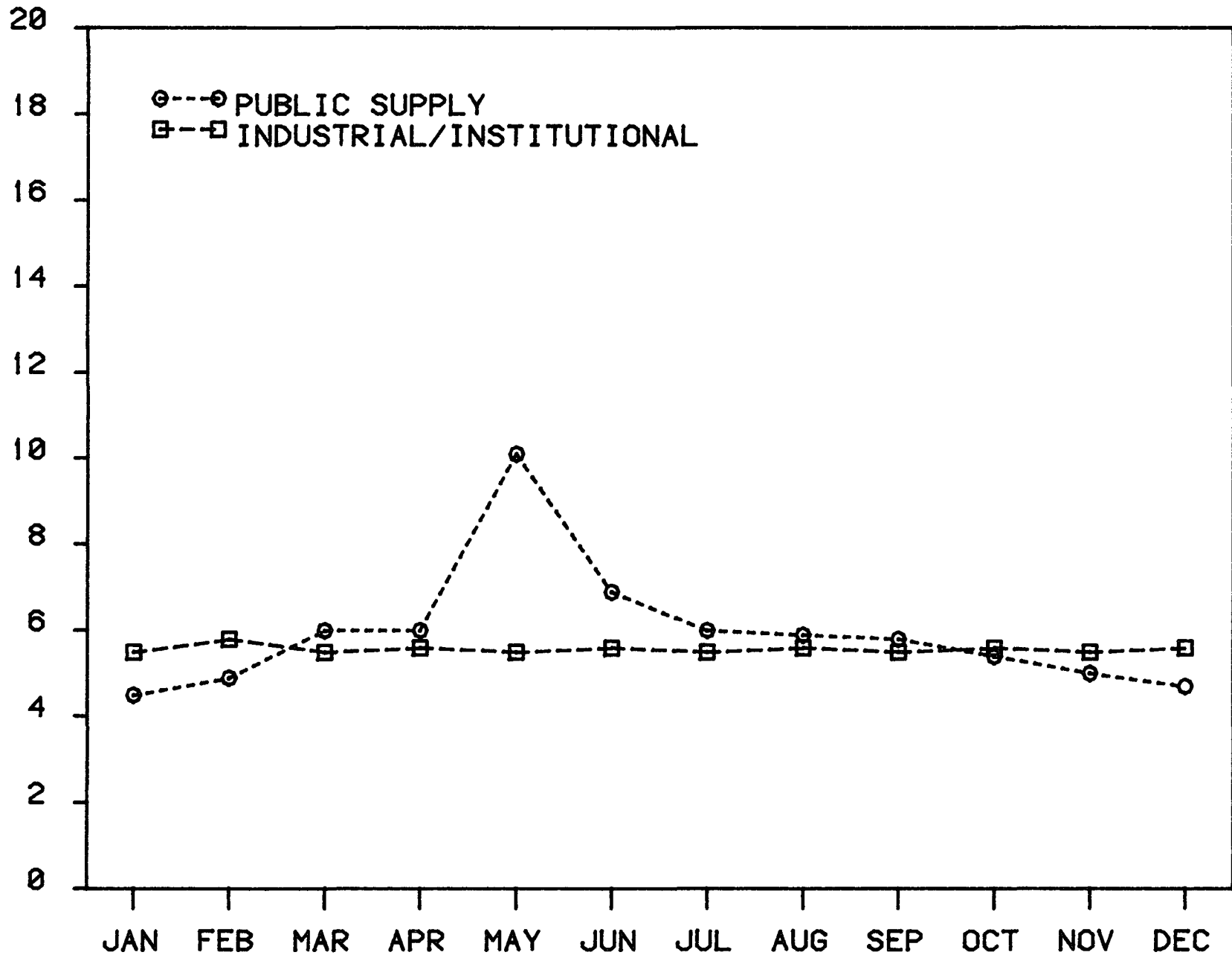
TABLE A-8 IRRIGATION WATER USE

BREVARD COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL	(MGD)			TOTAL
	SERINKLER	SEEPAGE	LOW PRESSURE VOL	AC FT	GROUND	SURFACE	RE-USED	
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	13.81	22.1	0.0	207	0.06	0.02	0.0	0.08
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	17.46	27.93	15.52	32679	23.4	5.8	0.0	29.2
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	9.97	0.0	0.0	125	0.09	0.02	0.0	0.11
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SORGHUM	0.0	13.8	0.0	58	0.05	0.0	0.0	0.05
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	65.0	0.0	0.0	54	0.05	0.0	0.0	0.05
IMPROVED PASTURE	0.0	46.11	0.0	60842	47.26	7.06	0.0	54.32
SHRUBS	42.61	0.0	0.0	675	0.6	0.0	0.0	0.6
SOD	45.76	0.0	0.0	3813	3.4	0.0	0.0	3.4
TURF GRASS	45.76	0.0	0.0	4213	1.26	2.0	0.5	3.26
LIVESTOCK					0.52	0.37	0.0	0.89
TOTAL				102666	79.69	15.27	0.5	91.96

MGD



MONTHLY FRESH WATER USE IN CLAY COUNTY FOR 1982

COUNTY: Clay - 1982

Total Population: 72,050

Total Land Area: 644 sq.miles

St. Johns River Water Management Portion

Population : 72,050

Population Public Supply: 44,956

Population Domestic Self-supplied: 27,094

Gallons Per Capita Day: 132

Land Area: 643 sq.miles (411,520 acres)

Acres Farmed: 43,395

Acres Irrigated: 575

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	5.93	0.0	5.93
Domestic	3.58	0.0	3.58
Industrial	5.52	0.0	5.52
Agricultural Irrigation	2.80	1.27	4.07
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	17.83	1.27	19.10

CLAY

TABLE A-9 ACRES FARMED AND IRRIGATED

CLAY COUNTY

1982

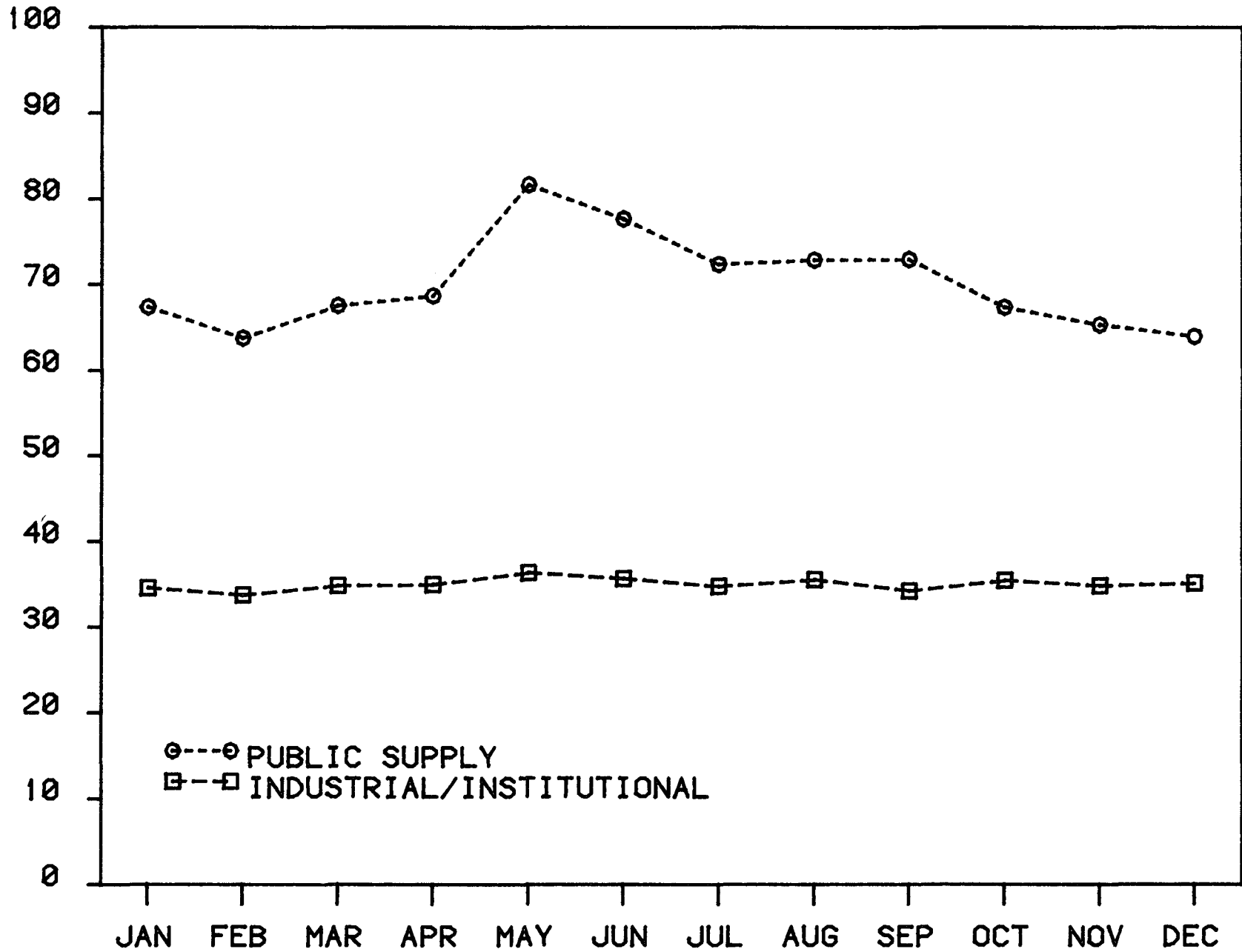
CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SPRINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	200	50	50	0	0	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	0	0	0	0	0	0
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	1,200	100	60	0	40	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	0	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	2,800	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	50	50	50	0	0	0
IMPROVED PASTURE	40,000	275	0	0	175	100
SHRUBS	0	0	0	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	145	100	100	0	0	0
TOTAL	43,395	575	260	0	215	100

TABLE A-10 IRRIGATION WATER USE

CLAY COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL	(MGD)			TOTAL
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL	AC. ET	GROUND	SURFACE	RE-USED	
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	18.92	0.0	0.0	79	0.07	0.0	0.0	0.07
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	16.5	26.39	0.0	170	0.15	0.0	0.0	0.15
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	65.0	0.0	0.0	271	0.24	0.0	0.0	0.24
IMPROVED PASTURE	0.0	47636	26.46	915	0.82	0.0	0.0	0.82
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	35.28	0.0	0.0	294	0.26	0.0	0.0	0.26
LIVESTOCK					1.26	1.27	0.0	2.53
TOTAL				1729	2.8	1.27	0.0	4.07



MONTHLY FRESH WATER USE IN DUVAL COUNTY FOR 1982

COUNTY: Duval - 1982.

Total Population: 580,737

Total Land Area: 840 sq.miles

St. Johns River Water Management Portion

Population : 580,737

Population Public Supply: 466,891

Population Domestic Self-supplied: 113,846

Gallons Per Capita Day: 150

Land Area: 840 sq.miles (537,600 acres)

Acres Farmed: 15,744

Acres Irrigated: 2,249

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	70.19	0.0	70.19
Domestic	17.08	0.0	17.08
Industrial	35.81	0.0	35.81
Agricultural Irrigation	4.62	2.26	6.88
Thermoelectric	2.16	0.0	2.16
Heat pump/air condition	0.0	0.0	0.0
TOTALS	129.86	2.26	132.12

DUVAL

TABLE A-11 ACRES FARMED AND IRRIGATED

DUVAL COUNTY

1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SPRINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	200	4	4	0	0	0
BLUEBERRIES	20	12	9	0	3	0
CITRUS	0	0	0	0	0	0
GRAPES	10	7	0	0	0	7
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	200	1	1	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	0	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	15	15	0	0	0	15
IMPROVED PASTURE	12,000	500	460	0	40	0
SHRUBS	57	57	42	0	0	15
SOD (1)	250	240	240	0	0	0
TURF GRASS	2,992	1,413	1,413	0	0	0
TOTAL	15,744	2,249	2,169	0	43	37

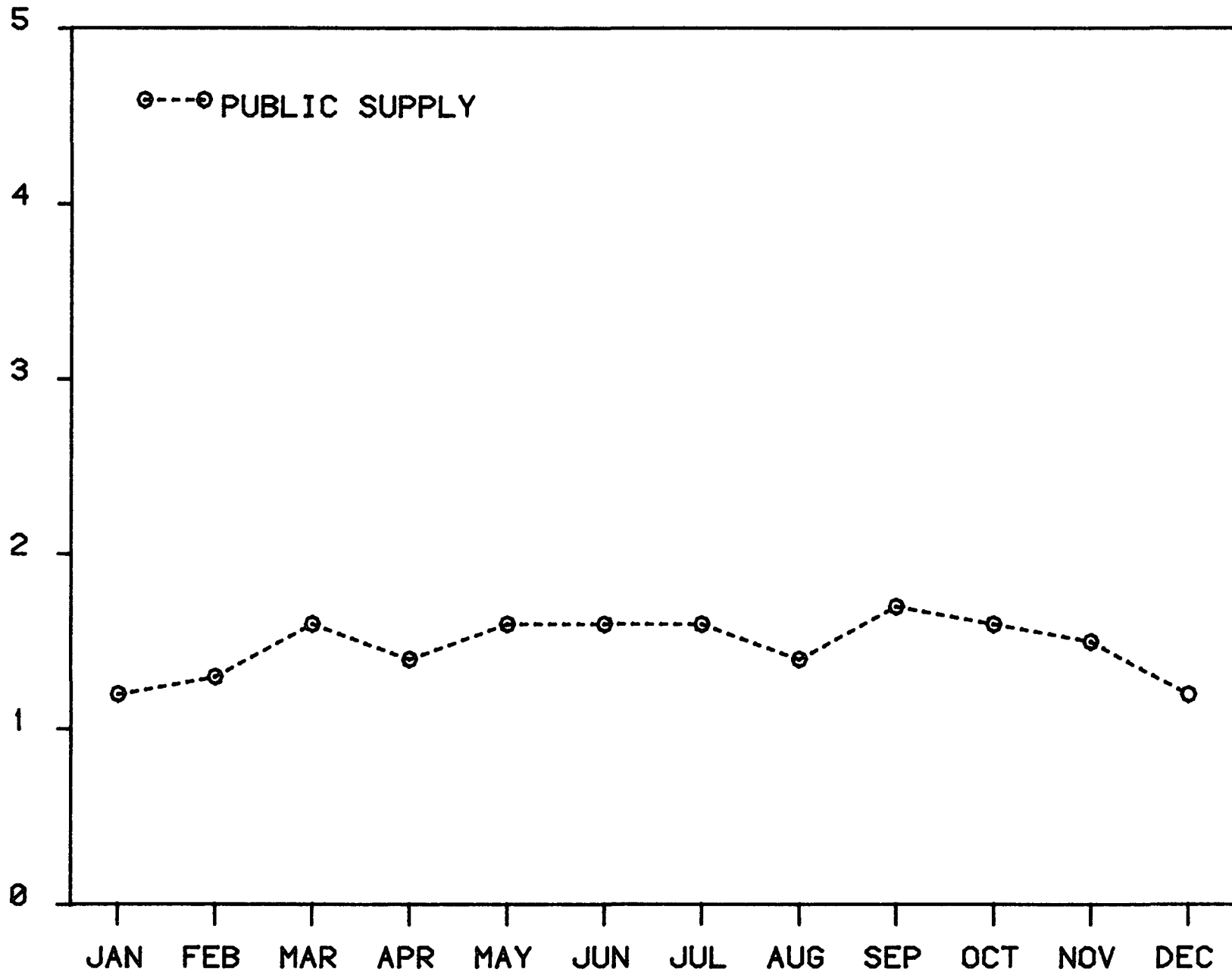
1. 240 ACRES OF SOD IRRIGATED BY CENTER PIVOT SYSTEM AT BREWERY WITH EFFLUENT.

TABLE A-12 IRRIGATION WATER USE

DUVAL COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL AC FT	(MGD)			TOTAL
	SPRINKLER	SEEPAGE	LOW PRESSURE/VDL		GROUND	SURFACE	RE-USED	
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	6.98	0.0	0.0	2	0.0	0.0	0.0	0.0
BLUEBERRIES	10.0	0.0	0.0	10	0.01	0.0	0.0	0.01
CITRUS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
GRAFES	0.0	0.0	19.83	12	0.01	0.0	0.0	0.01
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	15.65	0.0	0.0	1	0.0	0.0	0.0	0.0
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	0.0	0.0	30.0	38	0.03	0.0	0.0	0.03
IMPROVED PASTURE	27.39	43.82	0.0	1196	0.75	0.19	0.0	0.94
SHRUBS	60.0	0.0	48.0	270	0.24	0.0	0.0	0.24
SOD	70.0	0.0	0.0	1400	0.0	0.0	1.25	0.0
TURF GRASS	35.28	0.0	0.0	4154	3.2	0.51	0.0	3.71
LIVESTOCK					0.38	1.56	0.0	1.94
TOTAL				7082	4.62	2.26	1.25	6.88



MONTHLY FRESH WATER USE IN FLAGLER COUNTY FOR 1982

COUNTY: Flagler - 1982

Total Population: 12,959

Total Land Area: 504 sq.miles

St. Johns River Water Management Portion

Population : 12,959

Population Public Supply: 9,750

Population Domestic Self-supplied: 3,209

Gallons Per Capita Day: 149

Land Area: 504 sq.miles (322,560 acres)

Acres Farmed: 24,221

Acres Irrigated: 6,233

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	1.45	0.0	1.45
Domestic	0.48	0.0	0.48
Industrial	0.05	0.0	0.05
Agricultural Irrigation	5.85	0.17	6.02
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	7.83	0.17	8.00

FLAGLER

TABLE A-13 ACRES FARMED AND IRRIGATED

FLAGLER COUNTY

1982

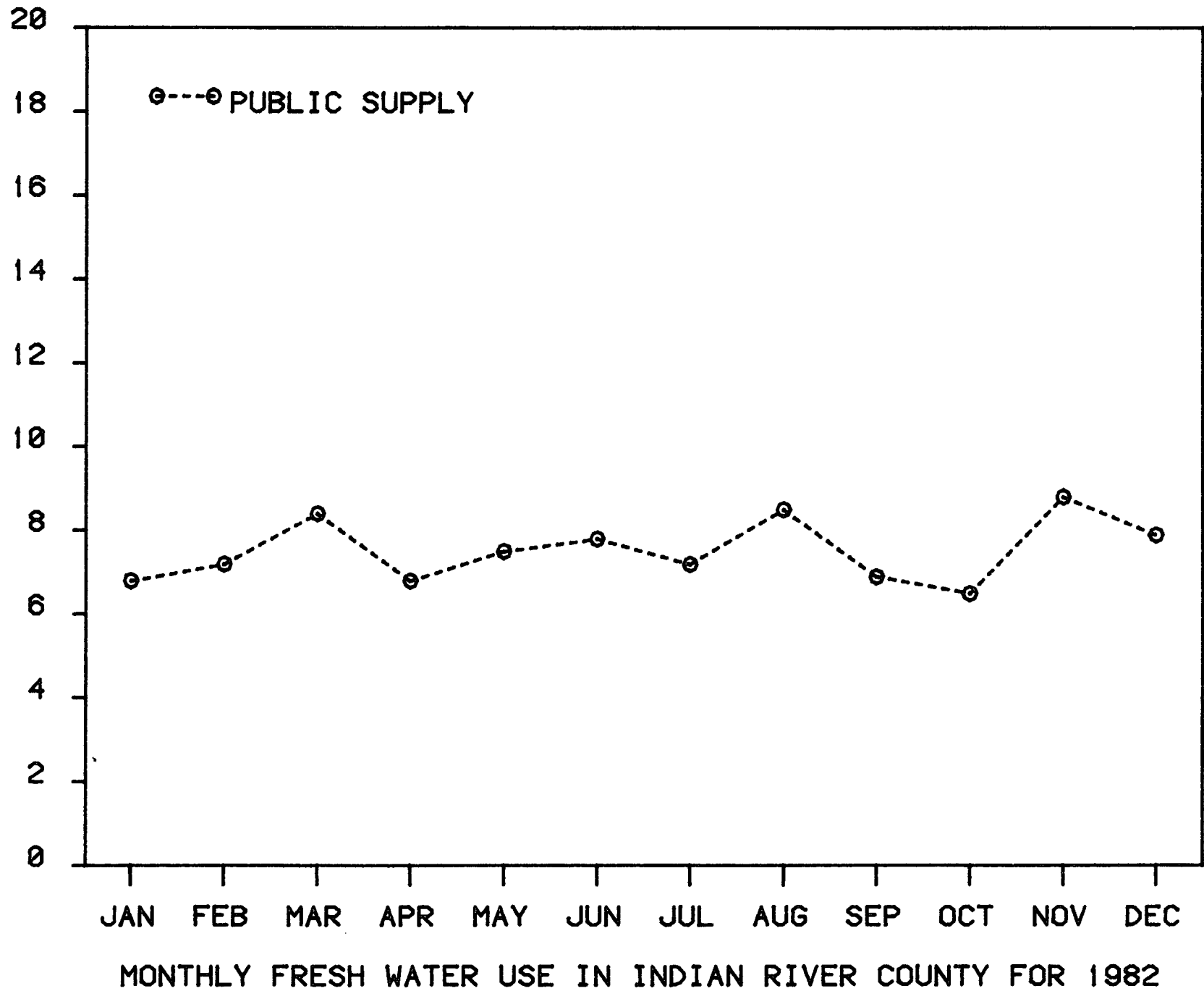
CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	2,000	2,000	1,200	0	800	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	1,800	1,800	0	0	1,800	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	1,000	1,000	1,000	0	0	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	150	150	0	0	150	0
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	200	200	200	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	500	500	0	0	500	0
SORGHUM	1,500	0	0	0	0	0
SOYBEANS	300	300	0	0	300	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	0	0	0	0	0	0
IMPROVED PASTURE	16,500	100	0	0	100	0
SHRUBS	0	0	0	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	271	183	183	0	0	0
TOTAL	24,221	6,233	2,583	0	3,650	0

TABLE A-14 IRRIGATION WATER USE

FLAGLER COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL		(MGD)		
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL	AC FT	GROUND	SURFACE	RE-USED	TOTAL
CABBAGE	11.72	18.76	0.0	2427	1.12	0.0	0.0	1.12
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	14.21	0.0	2132	1.9	0.0	0.0	1.9
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	3.02	0.0	0.0	252	0.22	0.0	0.0	0.22
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	0.0	26.25	0.0	315	0.28	0.0	0.0	0.28
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	9.66	0.0	0.0	161	0.14	0.0	0.0	0.14
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	25.53	0.0	1064	0.95	0.0	0.0	0.95
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	19.65	0.0	491	0.44	0.0	0.0	0.44
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
IMPROVED PASTURE	0.0	42.83	0.0	357	0.32	0.0	0.0	0.32
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	38.34	0.0	0.0	585	0.4	0.12	0.0	0.52
LIVESTOCK					0.07	0.05	0.0	0.12
TOTAL				7784	5.85	0.17	0.0	6.02



COUNTY: Indian River - 1982

Total Population: 66,915

Total Land Area: 549 sq.miles

St. Johns River Water Management Portion

Population : 66,915

Population Public Supply: 26,065

Population Domestic Self-supplied: 40,850

Gallons Per Capita Day: 288

Land Area: 549 sq.miles (351,360 acres)

Acres Farmed: 124,205

Acres Irrigated: 94,688

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	7.51	0.0	7.51
Domestic	11.77	0.0	11.77
Industrial	0.23	0.0	0.23
Agricultural Irrigation	88.47	162.44	250.91
Thermoelectric	0.28	0.0	0.28
Heat pump/air condition	0.0	0.0	0.0
TOTALS	108.26	162.44	270.70

INDIAN RIVER

TABLE A-15 ACRES FARMED AND IRRIGATED

INDIAN RIVER COUNTY

1982

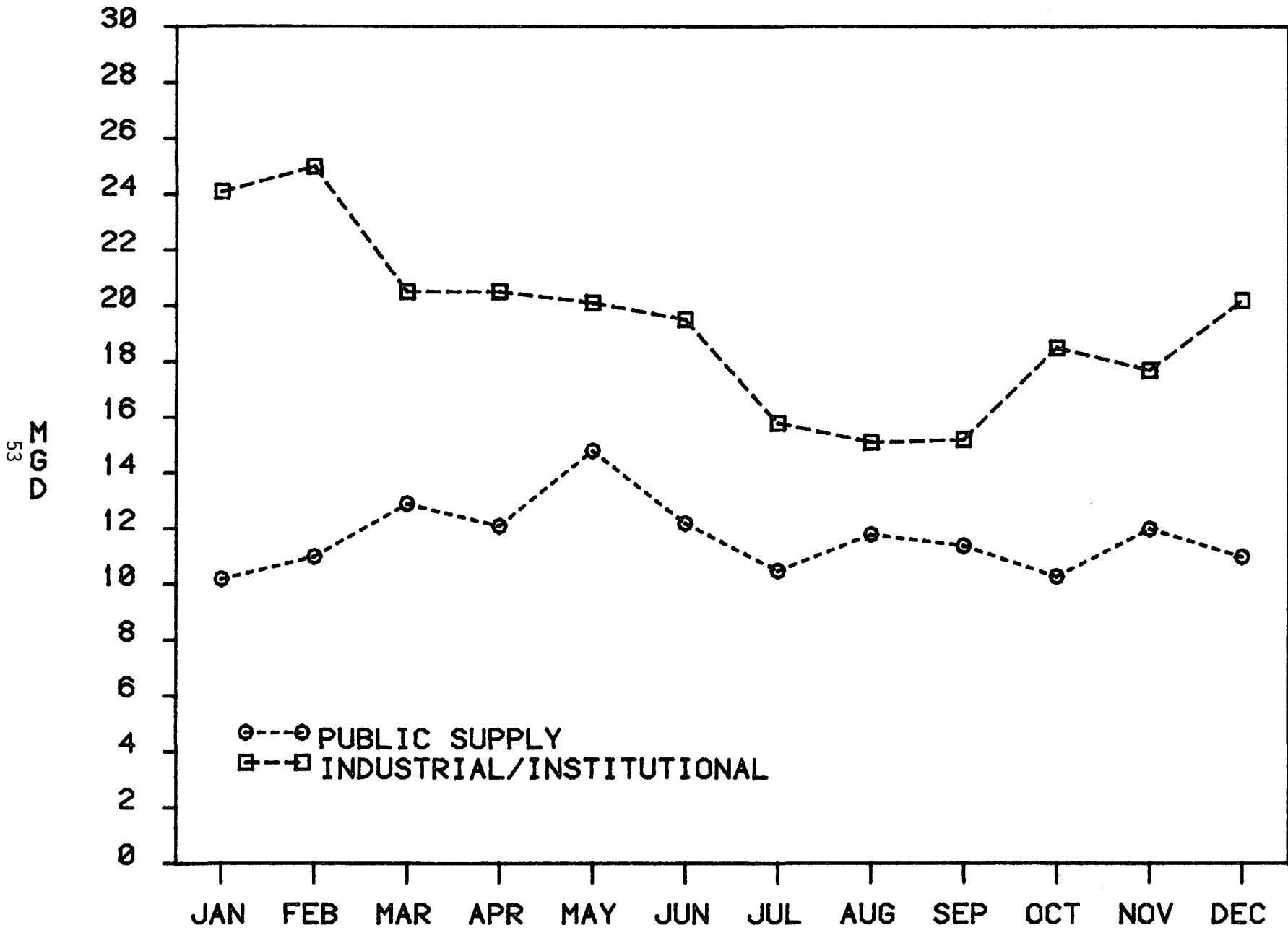
CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	0	0	0	0	0	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	58,262	53,841	1,406	0	43,935	8,500
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	2,500	2,500	0	1,000	1,500	0
RICE	0	0	0	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	0	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	0	0	0	0	0	0
IMPROVED PASTURE	62,208	37,475	0	0	37,475	0
SHRUBS	0	0	0	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	1,235	872	872	0	0	0
TOTAL	124,205	94,688	2,278	1,000	82,910	8,500

TABLE A-16 IRRIGATION WATER USE

INDIAN RIVER COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL		(MGD)		
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL	AC-FT	GROUND	SURFACE	RE-USED	TOTAL
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	19.06	30.5	16.94	125938	24.02	88.41	0.0	112.43
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	20.21	0.0	4286	3.83	0.0	0.0	3.83
RICE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
IMPROVED PASTURE	0.0	47.43	0.0	148276	60.07	72.3	0.0	132.37
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	39.48	0.0	0.0	2260	0.48	1.44	0.1	1.92
LIVESTOCK					0.07	0.29	0.0	0.36
TOTAL				280760	88.47	162.44	0.1	250.91



MONTHLY FRESH WATER USE IN LAKE COUNTY FOR 1982

COUNTY: Lake - 1982

Total Population: 111,559

Total Land Area: 1,163 sq.miles

St. Johns River Water Management Portion

Population : 110,443

Population Public Supply: 62,978

Population Domestic Self-supplied: 47,465

Gallons Per Capita Day: 185

Land Area: 1,059 sq.miles (677,760 acres)

Acres Farmed: 183,470

Acres Irrigated: 69,813

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	11.67	0.0	11.67
Domestic	8.78	0.0	8.78
Industrial	15.19	4.13	19.32
Agricultural Irrigation	82.75	17.69	100.44
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	118.39	21.82	140.21

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TABLE A-17 ACRES FARMED AND IRRIGATED

LAKE COUNTY

1982

CROPE	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	125	125	50	0	75	0
CARROTS	2,940	2,940	0	0	2,940	0
CUCUMBERS	200	200	130	0	70	0
POTATOES	100	100	0	0	100	0
SWEET CORN	3,000	3,000	0	0	3,000	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	1,764	1,764	100	0	1,664	0
BLUEBERRIES	5	5	0	0	2	3
CITRUS	122,777	49,000	42,000	0	430	6,570
GRAPES	9	9	7	0	0	2
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	40	40	0	0	0	40
WATERMELONS	700	700	700	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	1,500	1,500	1,050	0	450	0
SORGHUM	1,400	1,300	700	0	600	0
SOYBEANS	500	500	0	0	500	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
WHEAT	100	100	0	0	100	0
FERNS	250	250	250	0	0	0
FLOWERS & FOLIAGE	100	100	0	0	0	100
IMPROVED PASTURE	47,000	7,500	2,000	0	5,500	0
SHRUBS	150	150	150	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	950	530	530	0	0	0
TOTAL	183,470	69,813	47,667	0	15,431	6,715

1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

TABLE A-18 IRRIGATION WATER USE

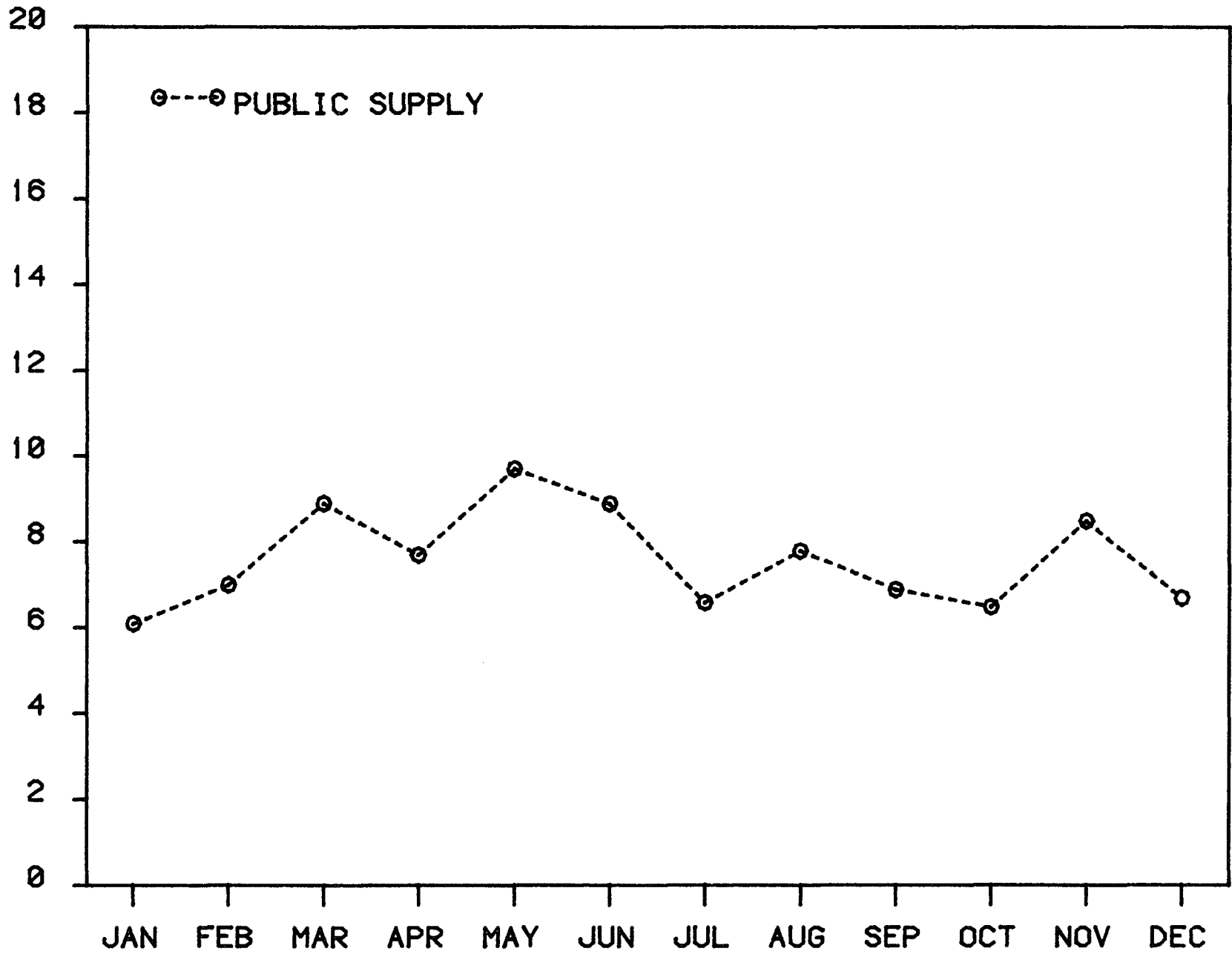
LAKE COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL	(MGD)			TOTAL
	SPRINKLER	SEEBACE	LOW PRESSURE/VDL	AC-FT	GROUND	SURFACE	RE-USED	
CABBAGE	0.0	12.07	0.0	75	0.07	0.0	0.0	0.07
CARROTS	0.0	12.26	0.0	3004	2.68	0.0	0.0	2.68
CUCUMBERS	0.0	12.07	0.0	202	0.18	0.0	0.0	0.18
POTATOES	0.0	12.66	0.0	105	0.09	0.0	0.0	0.09
SWEET CORN	0.0	15.39	0.0	3848	2.74	0.69	0.0	3.43
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	15.42	24.67	0.0	3549	3.17	0.0	0.0	3.17
BLUEBERRIES	0.0	25.0	20.34	9	0.01	0.0	0.0	0.01
CITRUS	17.68	28.28	15.71	71494	51.06	12.76	0.0	63.82
GRAPES	24.16	0.0	20.34	17	0.01	0.0	0.0	0.01
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	34.26	114	0.1	0.0	0.0	0.1
WATERMELONS	9.07	0.0	0.0	529	0.47	0.0	0.0	0.47
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	15.39	15.23	0.0	1918	1.37	0.34	0.0	1.71
SORGHUM	9.68	12.5	0.0	1180	1.06	0.0	0.0	1.06
SOYBEANS	0.0	14.35	0.0	598	0.53	0.0	0.0	0.53
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WHEAT	5.74	0.0	0.0	48	0.04	0.0	0.0	0.04
FERNS	65.0	0.0	0.0	1354	1.2	0.0	0.0	1.2
FLOWERS & FOLIAGE	0.0	0.0	39.26	327	0.29	0.0	0.0	0.29
IMPROVED PASTURE-CLOVER	0.0	47.37	0.0	21711	16.0	3.0	0.0	19.0
SHRUBS	28.14	0.0	0.0	352	0.31	0.0	0.0	0.31
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	39.17	0.0	0.0	1730	1.0	0.54	0.0	1.54
LIVESTOCK					0.37	0.36	0.0	0.73
TOTAL				110348	82.75	17.69	0.0	100.44

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MGD



MONTHLY FRESH WATER USE IN MARION COUNTY FOR 1982

COUNTY: Marion - 1982

Total Population: 135,087

Total Land Area: 1,652 sq.miles

St. Johns River Water Management Portion

Population : 110,599

Population Public Supply: 55,736

Population Domestic Self-supplied: 54,863

Gallons Per Capita Day: 136

Land Area: 1,194 sq.miles (764,160 acres)

Acres Farmed: 83,094

Acres Irrigated: 12,280

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	7.59	0.0	7.59
Domestic	7.47	0.0	7.47
Industrial	0.19	0.0	0.19
Agricultural Irrigation	16.46	2.67	19.13
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	31.71	2.67	34.38

MARION

TABLE A-19 ACRES FARMED AND IRRIGATED

MARION COUNTY

1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	1,600	1,220	1,220	0	0	0
BLUEBERRIES	50	50	40	0	0	10
CITRUS	11,272	6,600	6,600	0	0	600
GRAPES	50	50	50	0	0	0
PEACHES	1,000	800	800	0	0	0
PEANUTS	2,000	488	488	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	1,150	350	350	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	3,000	1,320	224	0	1,096	0
SORGHUM	150	0	0	0	0	0
SOYBEANS	3,000	750	750	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	20	15	15	0	0	0
FLOWERS & FOLIAGE	10	10	10	0	0	0
IMPROVED PASTURE	59,230	275	0	0	275	0
SHRUBS	50	50	50	0	0	0
SOD	50	50	50	0	0	0
TURF GRASS	612	252	252	0	0	0
TOTAL	83,094	12,280	10,299	0	1,371	610

1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

TABLE A-20 IRRIGATION WATER USE

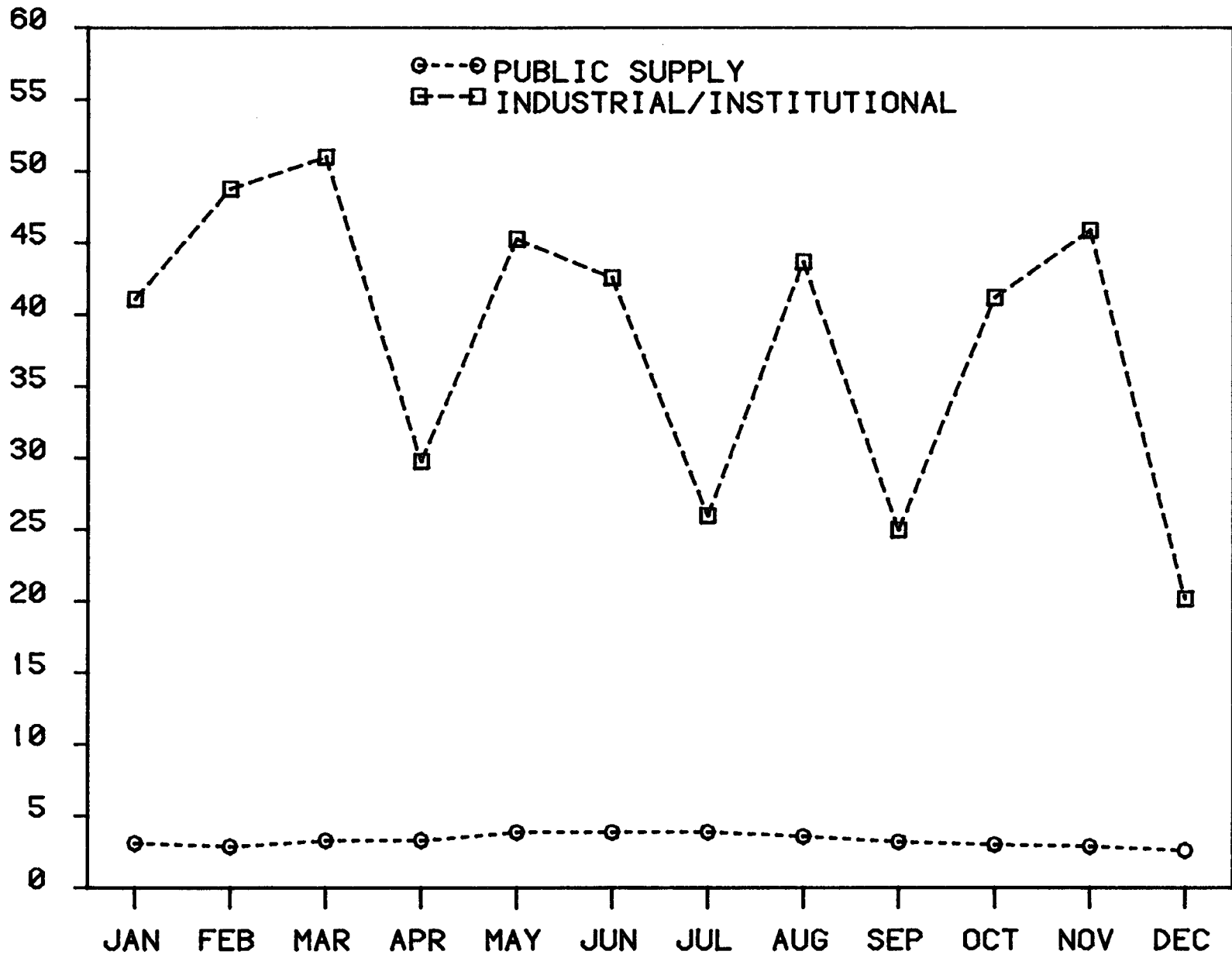
MARION COUNTY

1982

CROPE	APPLICATIION_RATES			WATER_WITHDRAWN				
	(INCHES/YR)			TOTAL	(MGD)			TOTAL
	SPRINKLER	SEEEAGE	LOW_PRESSURE/VOL	AC_ET	GROUND	SURFACE	RE-USED	
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	8.13	0.0	0.0	827	0.74	0.0	0.0	0.74
BLUEBERRIES	24.16	0.0	20.34	92	0.08	0.0	0.0	0.08
CITRUS	18.41	0.0	16.36	10023	7.16	1.79	0.0	8.95
GRAPES	23.71	0.0	0.0	99	0.09	0.0	0.0	0.09
PEACHES	36.45	0.0	0.0	2430	2.17	0.0	0.0	2.17
PEANUTS	9.53	0.0	0.0	388	0.35	0.0	0.0	0.35
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	8.56	0.0	0.0	250	0.23	0.0	0.0	0.23
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	15.33	24.52	0.0	2525	2.02	0.5	0.0	2.52
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	12.28	0.0	0.0	768	0.57	0.12	0.0	0.69
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	65.0	0.0	0.0	81	0.07	0.0	0.0	0.07
FLOWERS & FOLIAGE	70.0	0.0	0.0	58	0.05	0.0	0.0	0.05
IMPROVED PASTURE	0.0	46.9	0.0	1075	0.77	0.19	0.0	0.96
SHRUBS	70.0	0.0	0.0	291	0.26	0.0	0.0	0.26
SOD	36.28	0.0	0.0	151	0.14	0.0	0.0	0.14
TURF GRASS	36.28	0.0	0.0	762	0.66	0.02	0.0	0.68
LIVESTOCK					1.1	0.05	0.0	1.15
TOTAL				19820	16.46	2.67	0.0	19.13

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MGD



MONTHLY FRESH WATER USE IN NASSAU COUNTY FOR 1982

COUNTY: Nassau - 1982

Total Population: 35,458

Total Land Area: 671 sq.miles

St. Johns River Water Management Portion

Population : 35,458

Population Public Supply: 12,942

Population Domestic Self-supplied: 22,534

Gallons Per Capita Day: 254

Land Area: 671 sq.miles (429,440 acres)

Acres Farmed: 7,181

Acres Irrigated: 507

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	3.29	0.0	3.29
Domestic	5.72	0.0	5.72
Industrial	41.73	0.17	41.90
Agricultural Irrigation	1.60	0.86	2.46
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	52.34	1.03	53.37

NASSAU

TABLE A-21 ACRES FARMED AND IRRIGATED

NASSAU COUNTY

1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	100	0	0	0	0	0
BLUEBERRIES	215	215	0	0	0	215
CITRUS	0	0	0	0	0	0
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	5	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	1,500	50	50	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	0	0	0	0	0	0
TOBACCO	37	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	20	20	20	0	0	0
IMPROVED PASTURE	4,810	0	0	0	0	0
SHRUBS	3	0	0	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	491	222	222	0	0	0
TOTAL	7,181	507	292	0	0	215

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TABLE A-22 IRRIGATION WATER USE

NASSAU COUNTY

1982

CROP	APPLICATION RATES			TOTAL AC. FT.	WATER WITHDRAWN				
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL (INCHES/YR)		GROUND	SURFACE	RE-USED	TOTAL	
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
BLUEBERRIES	0.0	0.0	22.33	400	0.36	0.0	0.0	0.0	0.36
CITRUS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
FIELD CORN	16.84	0.0	0.0	70	0.07	0.0	0.0	0.0	0.07
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	65.0	0.0	0.0	108	0.1	0.0	0.0	0.0	0.1
IMPROVED PASTURE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
TURF GRASS	31.71	0.0	0.0	587	0.24	0.03	0.25	0.0	0.27
LIVESTOCK					0.83	0.83	0.0		1.66
TOTAL					1165	1.6	0.86	0.25	2.46

NOTE: THERE WAS NO PUBLIC OR INDUSTRIAL PUMPAGE IN OKEECHOBEE COUNTY
WITHIN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR 1982.

COUNTY: Okeechobee - 1982

Total Population: 22,435

Total Land Area: 780 sq.miles

St. Johns River Water Management Portion

Population : 362

Population Public Supply: -0-

Population Domestic Self-supplied: 362

Gallons Per Capita Day: 154 - District average

Land Area: 103 sq.miles (65,920 acres)

Acres Farmed: 21,400

Acres Irrigated: 3,982

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	0.0	0.0	0.0
Domestic	0.06	0.0	0.06
Industrial	0.0	0.0	0.0
Agricultural Irrigation	11.68	2.02	13.70
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	11.74	2.02	13.76

OKEECHOBEE

TABLE A-23 ACRES FARMED AND IRRIGATED

OREECHOBBE COUNTY (1)

1982

CROPE	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	0	0	0	0	0	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	1,400	1,200	0	0	1,200	0
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	0	0	0	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	0	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	0	0	0	0	0	0
IMPROVED PASTURE	20,000	2,782	0	0	2,782	0
SHRUBS	0	0	0	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	0	0	0	0	0	0
TOTAL	21,400	3,982	0	0	3,982	0

1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

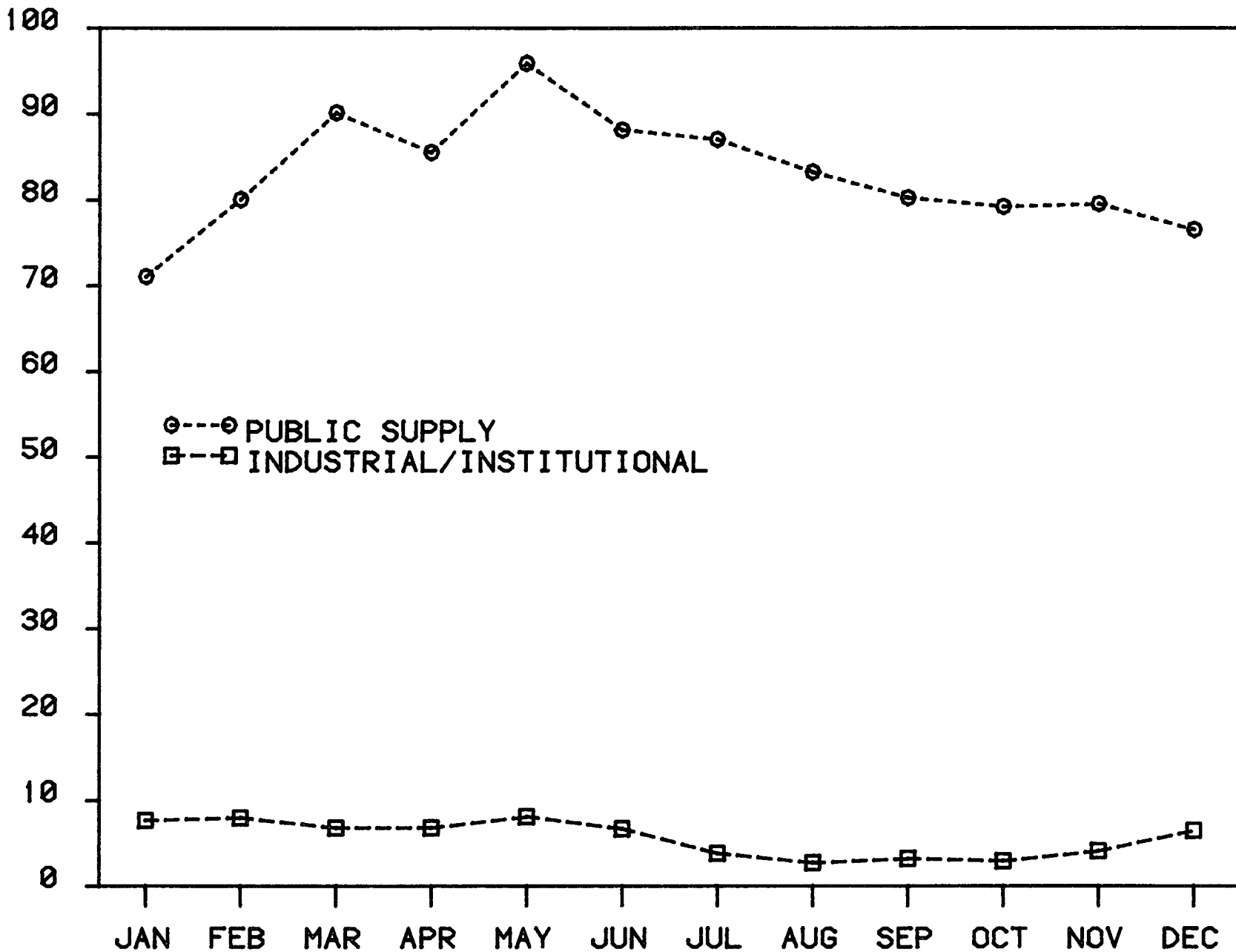
TABLE A-24 IRRIGATION WATER USE

OKEECHOBEE COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL		(MGD)		
	SERINKLER	SEEPAGE	LOW PRESSURE/VOL	AC.FT	GROUND	SURFACE	RE-USED	TOTAL
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	0.0	29.39	0.0	2939	2.1	0.52	0.0	2.62
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
IMPROVED PASTURE	0.0	49.52	0.0	11480	9.0	1.25	0.0	10.25
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
LIVESTOCK					0.58	0.25	0.0	0.83
TOTAL				14419	11.68	2.02	0.0	13.7

DDM



MONTHLY FRESH WATER USE IN ORANGE COUNTY FOR 1982

COUNTY: Orange - 1982.

Total Population: 494,757

Total Land Area: 1,003 sq.miles

St. Johns River Water Management Portion

Population : 405,700

Population Public Supply: 381,500

Population Domestic Self-supplied: 24,200

Gallons Per Capita Day: 175

Land Area: 744 sq.miles (476,160 acres)

Acres Farmed: 62,180

Acres Irrigated: 33,382

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	83.16	0.0	83.16
Domestic	4.24	0.0	4.24
Industrial	5.59	0.0	5.59
Agricultural Irrigation	51.39	3.15	54.54
Thermoelectric	0.0	1.47	1.47
Heat pump/air condition	0.0	0.0	0.0
TOTALS	144.37	4.62	148.99

ORANGE

TABLE A-25 ACRES FARMED AND IRRIGATED

(ORANGE COUNTY (1))

1982

TOTAL AREA IN THE COUNTY 476,200 ACRES

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SPRINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	900	900	125	0	775	0
CARROTS	6,000	6,000	0	0	6,000	0
CUCUMBERS	150	150	0	0	150	0
POTATOES	0	0	0	0	0	0
SWEET CORN	5,000	5,000	0	0	5,000	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	2,425	2,425	388	0	2,037	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	25,580	14,400	12,950	0	0	1,450
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	150	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	200	200	200	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	200	200	200	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	1,500	1,500	750	0	0	750
IMPROVED PASTURE	18,562	1,688	355	0	1,333	0
SHRUBS	0	0	0	0	0	0
SOD	100	100	0	0	100	0
TURF GRASS	1,413	819	819	0	0	0
TOTAL	62,180	33,382	15,787	0	15,395	2,200

1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

TABLE A-26 IRRIGATION WATER USE

ORANGE COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				TOTAL
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL	TOTAL AC FT	GROUND	SURFACE	RE-USED	
	(INCHES/YR)			(MGD)				
CABBAGE	7.55	12.07	0.0	838	0.75	0.0	0.0	0.75
CARROTS	0.0	12.26	0.0	6130	5.47	0.0	0.0	5.47
CUCUMBERS	0.0	12.07	0.0	151	0.13	0.0	0.0	0.13
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	15.23	0.0	6346	5.67	0.0	0.0	5.67
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	15.42	24.67	0.0	4687	4.18	0.0	0.0	4.18
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	20.71	0.0	19.03	24649	22.0	0.0	0.0	22.0
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	15.39	0.0	0.0	257	0.23	0.0	0.0	0.23
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	14.98	0.0	0.0	250	0.22	0.0	0.0	0.22
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	65.0	0.0	50.0	7188	5.13	1.28	0.0	6.41
IMPROVED PASTURE	34.08	54.53	0.0	7066	5.05	1.26	0.0	6.31
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	38.41	0.0	320	0.29	0.0	0.0	0.29
TURF GRASS	38.41	0.0	0.0	6790	2.0	0.34	0.0	2.34
LIVESTOCK					0.27	0.27	0.0	0.54
TOTAL				64672	51.39	3.15	0.0	54.54

NOTE: THERE WAS NO PUBLIC OR INDUSTRIAL PUMPAGE IN OSCEOLA COUNTY
WITHIN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR 1982.

COUNTY: Osceola - 1982

Total Population: 59,185

Total Land Area: 1,467 sq.miles

St. Johns River Water Management Portion

Population : 333

Population Public Supply: -0-

Population Domestic Self-supplied: 333

Gallons Per Capita Day: 154 - District average

Land Area: 542 sq.miles (346,880 acres)

Acres Farmed: 128,251

Acres Irrigated: 3,351

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	0.0	0.0	0.0
Domestic	0.05	0.0	0.05
Industrial	0.0	0.0	0.0
Agricultural Irrigation	7.56	0.86	8.42
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	7.61	0.86	8.47

OSCEOLA

TABLE A-27 ACRES FARMED AND IRRIGATED

OSCEOLA COUNTY (1)

1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SPRINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	201	201	0	0	201	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	2,250	2,000	0	0	2,000	0
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	0	0	0	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	0	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	0	0	0	0	0	0
IMPROVED PASTURE	125,800	1,150	0	0	1,150	0
SHRUBS	0	0	0	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	0	0	0	0	0	0
TOTAL	128,251	3,351	0	0	3,351	0

1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

TABLE A-28 IRRIGATION WATER USE

OSCEOLA COUNTY

1982

CROPE	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL	(MGD)			TOTAL
	SPRINKLER	SEEPAGE	LOW PRESSURE VOL	AC FT	GROUND	SURFACE	RE-USED	
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	0.0	22.1	0.0	370	0.26	0.07	0.0	0.33
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	0.0	27.93	0.0	4655	4.15	0.0	0.0	4.15
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
IMPROVED PASTURE	0.0	46.11	0.0	4419	3.15	0.79	0.0	3.94
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
LIVESTOCK					0.0	0.0	0.0	0.0
TOTAL				9444	7.56	0.86	0.0	8.42

NOTE: THERE WAS NO PUBLIC PUMPAGE IN POLK COUNTY WITHIN
THE ST. JOHNS RIVER WATER MANAGEMNET DISTRICT FOR 1982,
AND THE INDUSTRIAL PUMPAGE WAS TO SMALL TO DEPICT.

COUNTY: Polk - 1982

Total Population: 338,865

Total Land Area: 2,048 sq.miles

St. Johns River Water Management Portion

Population : 4,881

Population Public Supply: -0-

Population Domestic Self-supplied: 4,881

Gallons Per Capita Day: 154 - District average

Land Area: 63 sq.miles (40,320 acres)

Acres Farmed: 19,995

Acres Irrigated: 10,555

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	0.0	0.0	0.0
Domestic	0.77	0.0	0.77
Industrial	0.0	0.0	0.0
Agricultural Irrigation	15.09	0.07	15.16
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	15.86	0.07	15.93

POLK

TABLE A-29 ACRES FARMED AND IRRIGATED

POLK COUNTY (1)

1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SPRINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	0	0	0	0	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	0	0	0	0	0	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	15,400	10,400	9,400	0	0	1,000
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	0	0	0	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	0	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	0	0	0	0	0	0
FLOWERS & FOLIAGE	5	5	5	0	0	0
IMPROVED PASTURE	4,500	100	0	0	100	0
SHRUBS	50	50	50	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	0	0	0	0	0	0
TOTAL	19,955	10,555	9,455	0	100	1,000

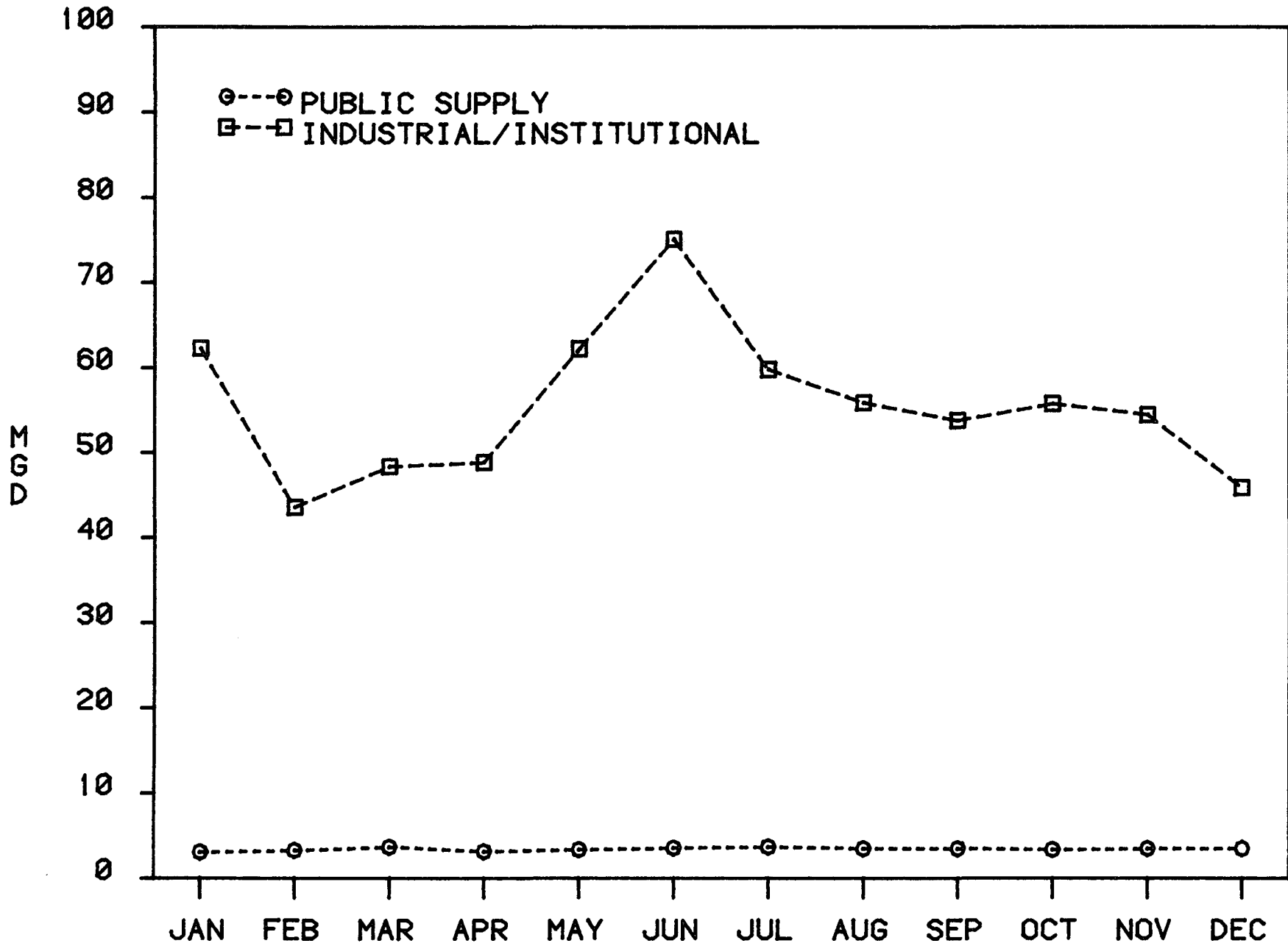
1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

TABLE A-30 IRRIGATION WATER USE

POLK COUNTY

1982

CROP	APPLICATION RATES			TOTAL AC FT	WATER WITHDRAWN				TOTAL
	(INCHES/YR)				(MGD)				
	SERINKLER	SEEPAGE	LOW PRESSURE/VOL		GROUND	SURFACE	RE-USED		
CABBAGE	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
CITRUS	18.82	0.0	16.73	16136	14.4	0.0	0.0	0.0	14.4
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
FERNS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
FLOWERS & FOLIAGE	65.0	0.0	0.0	27	0.02	0.0	0.0	0.0	0.02
IMPROVED PASTURE	0.0	49.73	0.0	414	0.3	0.07	0.0	0.0	0.37
SHRUBS	100.0	0.0	0.0	417	0.37	0.0	0.0	0.0	0.37
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
TURF GRASS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0
LIVESTOCK						0.0	0.0	0.0	0.0
TOTAL				16994	15.09	0.07	0.0	0.0	15.16



MONTHLY FRESH WATER USE IN PUTNAM COUNTY FOR 1982

COUNTY: Putnam - 1982

Total Population: 52,901

Total Land Area: 879 sq.miles

St. Johns River Water Management Portion

Population : 52,901

Population Public Supply: 16,803

Population Domestic Self-supplied: 36,098

Gallons Per Capita Day: 205

Land Area: 876 sq.miles (560,640 acres)

Acres Farmed: 50,765

Acres Irrigated: 10,945

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	3.45	0.0	3.45
Domestic	7.40	0.0	7.40
Industrial	19.02	36.57	55.59
Agricultural Irrigation	20.58	1.71	22.29
Thermoelectric	0.31	0.42	0.73
Heat pump/air condition	2.29	0.0	2.29
TOTALS	53.05	38.70	91.75

PUTNAM

TABLE A-31 ACRES FARMED AND IRRIGATED

PUTNAM COUNTY (1)

1982

CROPE	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	3,000	3,000	150	0	2,850	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	3,000	3,000	0	0	3,000	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	200	200	0	0	200	0
BLUEBERRIES	75	55	0	0	0	55
CITRUS	2,500	220	220	0	0	0
GRAPES	10	10	10	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	3,000	1,000	0	0	1,000	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	1,000	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	700	700	700	0	0	0
FLOWERS & FOLIAGE	220	220	0	0	220	0
IMPROVED PASTURE	37,000	2,500	0	0	2,500	0
SHRUBS	0	0	0	0	0	0
SOD	0	0	0	0	0	0
TURF GRASS	60	40	40	0	0	0
TOTAL	50,765	10,945	1,120	0	9,770	55

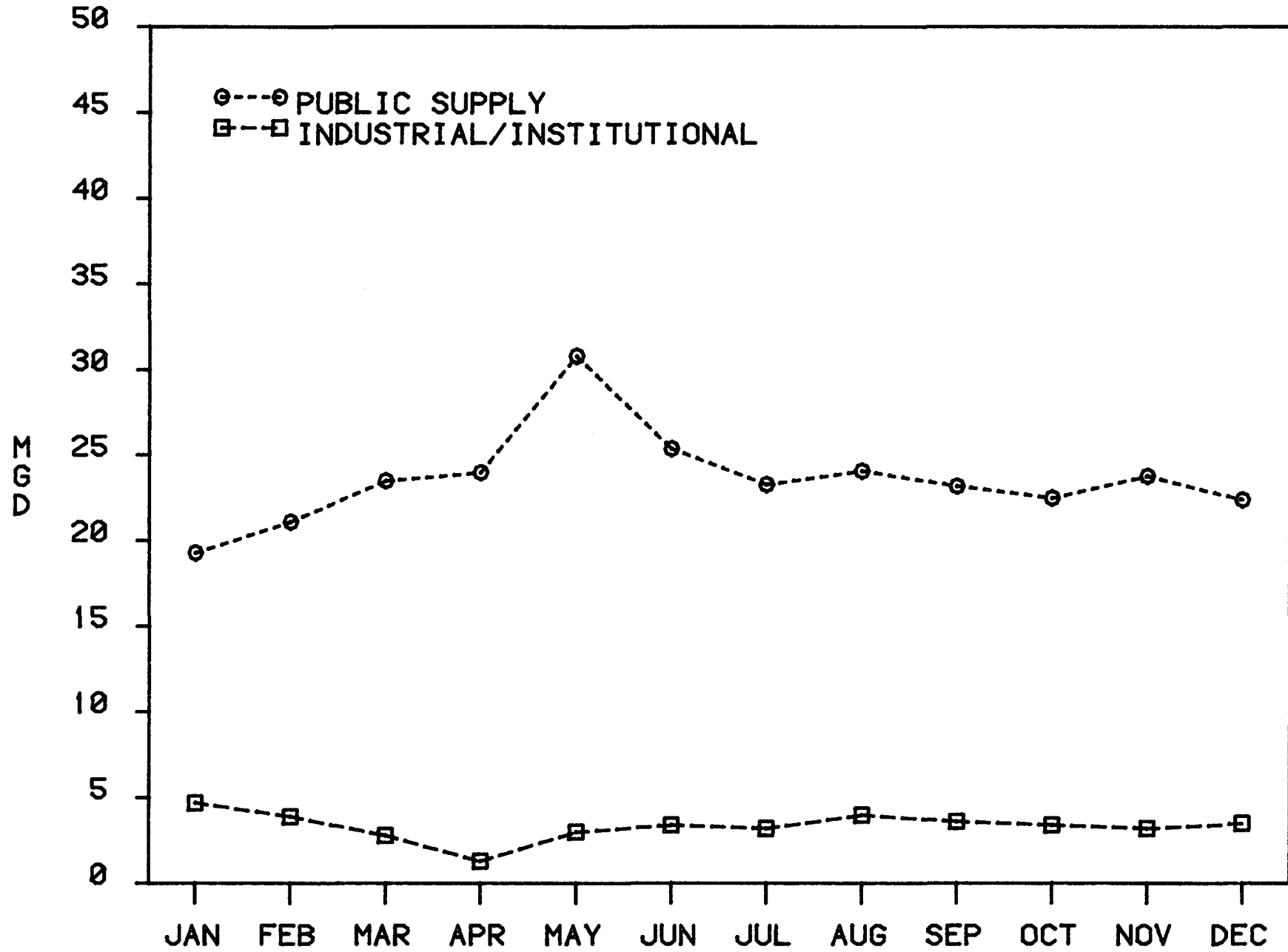
1. THIS COUNTY IS PARTIALLY WITHIN THE SJRWMD. THE DATA GIVEN IS FOR THAT PART OF THE COUNTY WITHIN THE SJRWMD.

TABLE A-32 IRRIGATION WATER USE

FUTNAM COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL	(MGD)			TOTAL
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL	AC-FT	GROUND	SURFACE	RE-USED	
CABBAGE	0.0	12.36	0.0	3090	2.76	0.0	0.0	2.76
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
POTATOES	0.0	14.67	0.0	3668	2.62	0.65	0.0	3.27
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	0.0	30.27	0.0	505	0.45	0.0	0.0	0.45
BLUEBERRIES	0.0	0.0	21.47	98	0.09	0.0	0.0	0.09
CITRUS	18.1	0.0	0.0	332	0.3	0.0	0.0	0.3
GRAPE	24.16	0.0	0.0	20	0.02	0.0	0.0	0.02
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	26.39	0.0	2199	1.57	0.39	0.0	1.96
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	65.0	0.0	0.0	3250	2.61	0.29	0.0	2.9
FLOWERS & FOLIAGE	0.0	65.0	0.0	1192	0.85	0.21	0.0	1.06
IMPROVED PASTURE	0.0	47.63	0.0	9923	8.89	0.0	0.0	8.89
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TURF GRASS	41.05	0.0	0.0	205	0.18	0.0	0.0	0.18
LIVESTOCK					0.24	0.17	0.0	0.41
TOTAL				24482	20.58	1.71	0.0	22.29



MONTHLY FRESH WATER USE IN SEMINOLE COUNTY FOR 1982

COUNTY: Seminole - 1982

Total Population: 195,133

Total Land Area: 352 sq.miles

St. Johns River Water Management Portion

Population : 195,133

Population Public Supply: 161,008

Population Domestic Self-supplied: 34,125

Gallons Per Capita Day: 165

Land Area: 352 sq.miles (225,280 acres)

Acres Farmed: 22,383

Acres Irrigated: 12,829

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	25.16	0.0	25.16
Domestic	5.63	0.0	5.63
Industrial	3.37	0.0	3.37
Agricultural Irrigation	26.94	0.40	27.34
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	61.10	0.40	61.50

SEMINOLE

TABLE A-33 ACRES FARMED AND IRRIGATED

SEMINOLE COUNTY

1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	1,600	1,600	0	1,600	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	1,600	1,600	0	1,600	0	0
POTATOES	0	0	0	0	0	0
SWEET CORN	40	40	0	40	0	0
WATERCRESS	100	100	0	0	100	0
MISC. VEGETABLES	960	873	0	873	0	0
BLUEBERRIES	5	5	0	5	0	0
CITRUS (1)	6,700	4,800	4,080	260	0	460
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	200	200	0	100	100	0
SORGHUM	40	40	0	0	40	0
SOYBEANS	40	40	0	40	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	20	20	20	0	0	0
FLOWERS & FOLIAGE	560	560	440	0	0	120
IMPROVED PASTURE	9,000	2,000	0	0	2,000	0
SHRUBS	25	25	25	0	0	0
SOD	300	300	0	0	300	0
TURF GRASS	1,173	626	626	0	0	0
TOTAL	22,383	12,829	5,191	4,518	2,540	580

1. CITRUS ACREAGE MAY BE REDUCED BY JANUARY 82 FREEZE. THIS WILL SHOW IN NEXT YEAR'S ACREAGE.

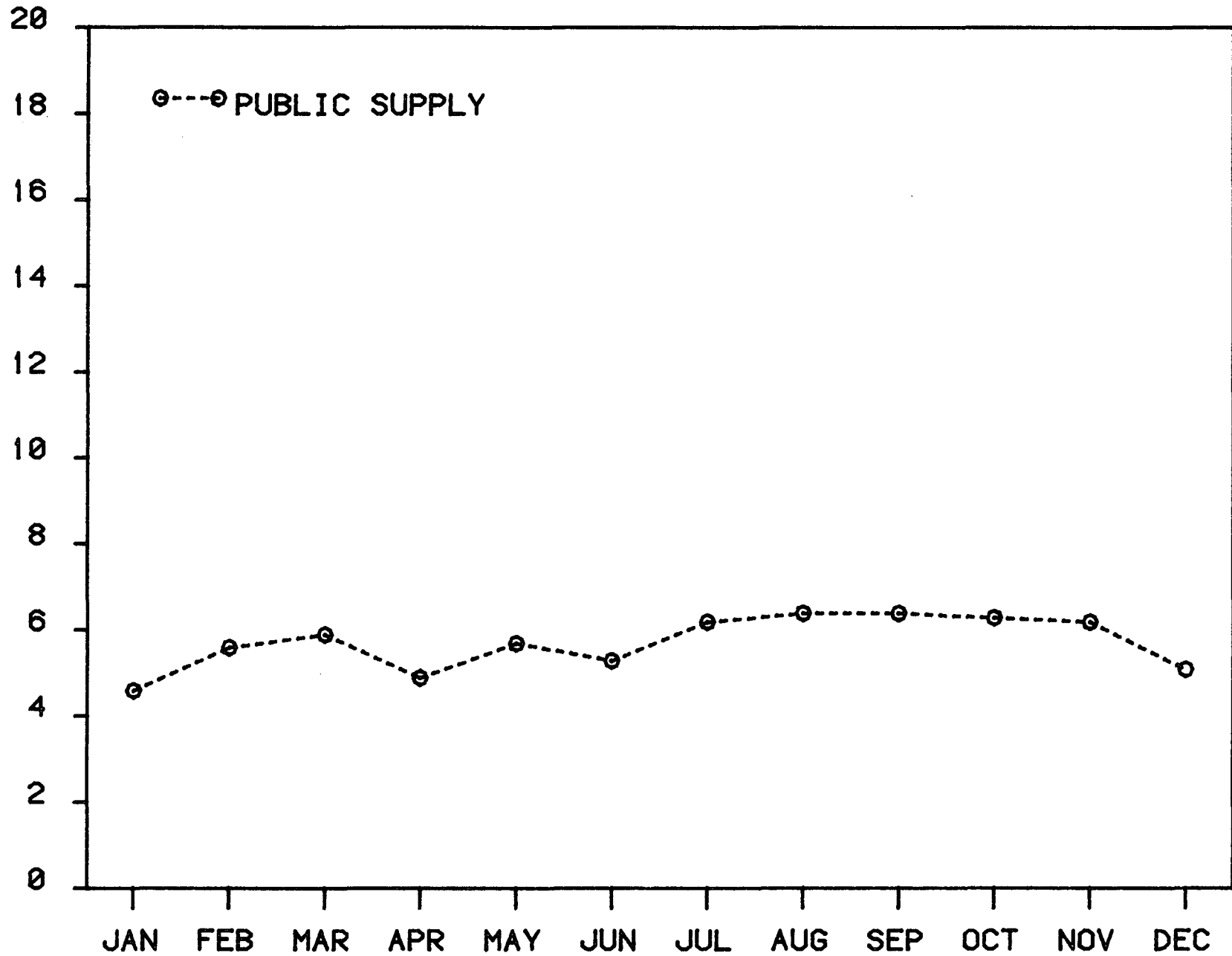
TABLE A-34 IRRIGATION WATER USE

SEMINOLE COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	SPRINKLER	SEEPAGE	LOW PRESSURE VOL	TOTAL AC ET	GROUND	SURFACE	RE-USED	TOTAL
	(INCHES/YR)				(MGD)			
CABBAGE	0.0	23.21	0.0	3095	2.76	0.0	0.0	2.76
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	9.03	0.0	1204	1.07	0.0	0.0	1.07
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	29.89	0.0	100	0.09	0.0	0.0	0.09
WATERCRESS	0.0	11.0	0.0	92	0.08	0.0	0.0	0.08
MISC. VEGETABLES	0.0	13.33	0.0	970	0.87	0.0	0.0	0.87
BLUEBERRIES	0.0	15.23	0.0	6	0.01	0.0	0.0	0.01
CITRUS	20.83	33.32	18.51	8514	7.6	0.0	0.0	7.6
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	24.61	0.0	410	0.37	0.0	0.0	0.37
SORGHUM	0.0	13.8	0.0	46	0.04	0.0	0.0	0.04
SOYBEANS	0.0	23.08	0.0	77	0.07	0.0	0.0	0.07
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	45.0	0.0	0.0	108	0.1	0.0	0.0	0.1
FLOWERS & FOLIAGE	65.0	0.0	50.00	2883	2.6	0.0	0.0	2.6
IMPROVED PASTURE	0.0	52.52	0.0	8753	7.8	0.0	0.0	7.8
SHRUBS	50.0	0.0	0.0	104	0.09	0.0	0.0	0.09
SOD	0.0	51.0	0.0	1275	1.14	0.0	0.0	1.14
TURF GRASS	51.0	0.0	0.0	2660	2.07	0.3	0.0	2.37
LIVESTOCK					0.18	0.1	0.0	0.28
TOTAL				30297	26.94	0.4	0.0	27.34

DGM



MONTHLY FRESH WATER USE IN ST. JOHNS COUNTY FOR 1982

COUNTY: St. Johns - 1982

Total Population: 57,097

Total Land Area: 660 sq.miles

St. Johns River Water Management Portion

Population : 57,097

Population Public Supply: 39,142

Population Domestic Self-supplied: 17,955

Gallons Per Capita Day: 145

Land Area: 660 sq.miles (422,400 acres)

Acres Farmed: 29,915

Acres Irrigated: 25,226

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	5.69	0.0	5.69
Domestic	2.60	0.0	2.60
Industrial	0.02	0.0	0.02
Agricultural Irrigation	32.55	0.49	33.04
Thermoelectric	0.0	0.0	0.0
Heat pump/air condition	0.0	0.0	0.0
TOTALS	40.86	0.49	41.35

ST. JOHNS

TABLE A-35 ACRES FARMED AND IRRIGATED

ST. JOHNS COUNTY

1982

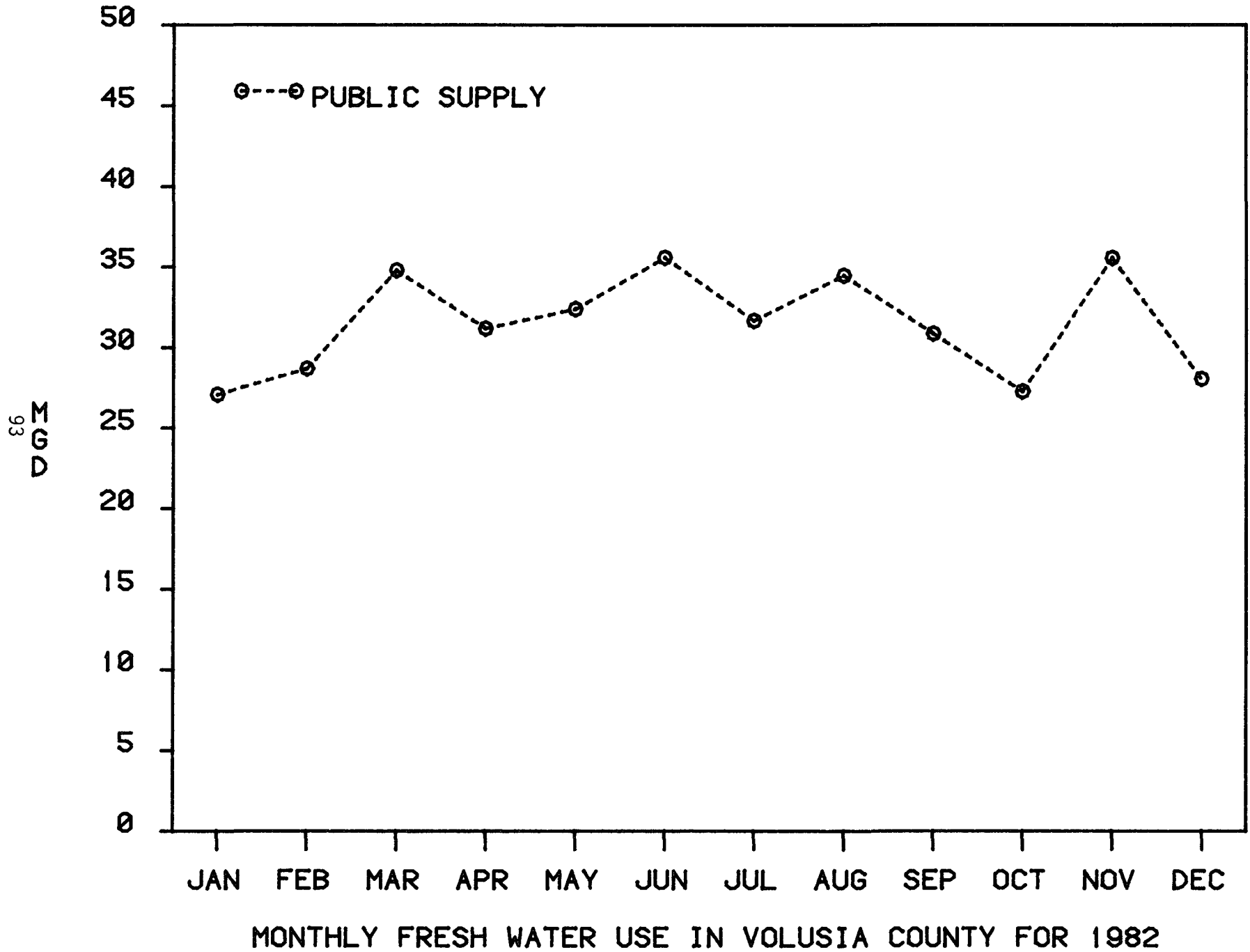
CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SPRINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE-- LOW VOLUME
CABBAGE	5,000	5,000	0	5,000	0	0
CARROTS	0	0	0	0	0	0
CUCUMBERS	0	0	0	0	0	0
POTATOES	15,000	15,000	0	15,000	0	0
SWEET CORN	500	500	0	500	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	500	500	0	500	0	0
BLUEBERRIES	5	5	0	0	0	5
CITRUS	100	100	0	100	0	0
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	1,000	1,000	0	1,000	0	0
SORGHUM	500	500	0	500	0	0
SOYBEANS	1,000	1,000	0	1,000	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	5	5	5	0	0	0
FLOWERS & FOLIAGE	25	25	15	10	0	0
IMPROVED PASTURE	5,500	1,000	0	1,000	0	0
SHRUBS	75	75	75	0	0	0
SOI	0	0	0	0	0	0
TURF GRASS	705	516	516	0	0	0
TOTAL	29,915	25,226	611	24,610	0	5

TABLE A-36 IRRIGATION WATER USE

ST. JOHNS COUNTY

1982

CROPE	APPLICATION RATES			TOTAL AC FT	WATER WITHDRAWN				TOTAL
	(INCHES/YR)				(MGD)				
	SERINKLER	SEEPAGE	LOW PRESSURE/VOL		GROUND	SURFACE	RE-USED		
CABBAGE	0.0	15.0	0.0	6250	5.56	0.0	0.0	5.56	
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
CUCUMBERS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
POTATOES	0.0	14.21	0.0	17763	15.85	0.0	0.0	15.85	
SWEET CORN	0.0	25.55	0.0	1065	0.95	0.0	0.0	0.95	
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
MISC. VEGETABLES	0.0	24.81	0.0	1033	0.92	0.0	0.0	0.92	
BLUEBERRIES	0.0	0.0	9.3	4	0.0	0.0	0.0	0.0	
CITRUS	0.0	28.69	0.0	239	0.21	0.0	0.0	0.21	
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
FIELD CORN	0.0	20.79	0.0	1733	1.55	0.0	0.0	1.55	
SORGHUM	0.0	15.86	0.0	661	0.59	0.0	0.0	0.59	
SOYBEANS	0.0	19.92	0.0	1660	1.48	0.0	0.0	1.48	
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
FERNS	65.0	0.0	0.0	27	0.02	0.0	0.0	0.02	
FLOWERS & FOLIAGE	65.0	80.0	0.0	148	0.13	0.0	0.0	0.13	
IMPROVED PASTURE	0.0	42.85	0.0	3570	3.18	0.0	0.0	3.18	
SHRUBS	70.0	0.0	0.0	438	0.39	0.0	0.0	0.39	
SOD	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	
TURF GRASS	80.31	0.0	0.0	3453	1.57	0.4	1.11	1.97	
LIVESTOCK					0.15	0.09	0.0	0.24	
TOTAL				38044	32.55	0.49	1.11	33.04	



COUNTY: Volusia - 1982

Total Population: 276,813

Total Land Area: 1,207 sq.miles

St. Johns River Water Management Portion

Population : 276,813

Population Public Supply: 237,833

Population Domestic Self-supplied: 38,980

Gallons Per Capita Day: 131

Land Area: 1,207 sq.miles (772,480 acres)

Acres Farmed: 35,515

Acres Irrigated: 7,791

Fresh Water Use (MGD): 1982

	GROUND	SURFACE	TOTAL
Public	31.23	0.0	31.23
Domestic	5.12	0.0	5.12
Industrial	0.33	0.0	0.33
Agricultural Irrigation	26.11	1.36	27.47
Thermoelectric	0.34	4.85	5.19
Heat pump/air condition	6.16	0.0	6.16
TOTALS	69.29	6.21	75.50

VOLUSIA

TABLE A-37 ACRES FARMED AND IRRIGATED

VOLUSIA COUNTY

1982

CROP	TOTAL ACRES	IRRIGATED ACRES	IRRIGATION METHODS USED (ACRES)			
			SERINKLER	TILE SEEPAGE	FLOOD AND SEEPAGE	LOW PRESSURE- LOW VOLUME
CABBAGE (1)	880	880	0	0	880	0
CARROTS	0	0	0	0	0	0
CUCUMBERS (1)	880	880	0	0	880	0
POTATOES	0	0	0	0	0	0
SWEET CORN	0	0	0	0	0	0
WATERCRESS	0	0	0	0	0	0
MISC. VEGETABLES	100	100	0	0	100	0
BLUEBERRIES	0	0	0	0	0	0
CITRUS	10,143	500	420	0	0	80
GRAPES	0	0	0	0	0	0
PEACHES	0	0	0	0	0	0
PEANUTS	0	0	0	0	0	0
PECANS	0	0	0	0	0	0
WATERMELONS	0	0	0	0	0	0
MISC. FRUITS	0	0	0	0	0	0
FIELD CORN	0	0	0	0	0	0
SORGHUM	0	0	0	0	0	0
SOYBEANS	300	0	0	0	0	0
TOBACCO	0	0	0	0	0	0
MISC. GRAINS	0	0	0	0	0	0
FERNS	4,500	3,800	3,800	0	0	0
FLOWERS & FOLIAGE	5	5	5	0	0	0
IMPROVED PASTURE	12,600	300	0	0	300	0
SHRUBS	0	0	0	0	0	0
SOD	200	100	100	0	0	0
TURF GRASS	1,907	1,226	1,226	0	0	0
TOTAL	31,515	7,791	5,551	0	1,368	80

(1) DOUBLE CROPPING

TABLE A-38 IRRIGATION WATER USE

VOLUSIA COUNTY

1982

CROP	APPLICATION RATES			WATER WITHDRAWN				
	(INCHES/YR)			TOTAL		(MGD)		
	SPRINKLER	SEEPAGE	LOW PRESSURE/VOL	AC ET	GROUND	SURFACE	RE-USED	TOTAL
CABBAGE	0.0	13.43	0.0	985	0.88	0.0	0.0	0.88
CARROTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CUCUMBERS	0.0	13.43	0.0	982	0.88	0.0	0.0	0.88
POTATOES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SWEET CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERCRESS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. VEGETABLES	0.0	22.54	0.0	188	0.17	0.0	0.0	0.17
BLUEBERRIES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
CITRUS	17.37	0.0	15.44	711	0.63	0.0	0.0	0.63
GRAPES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEACHES	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PEANUTS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
PECANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
WATERMELONS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. FRUIT	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FIELD CORN	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SORGHUM	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOYBEANS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
TOBACCO	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
MISC. GRAINS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
FERNS	65.0	0.0	0.0	20583	18.3	0.0	0.0	18.3
FLOWERS & FOLIAGE	65.0	0.0	0.0	27	0.02	0.0	0.0	0.02
IMPROVED PASTURE	0.0	44.96	0.0	1124	1.0	0.0	0.0	1.0
SHRUBS	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
SOD	50.12	0.0	0.0	418	0.37	0.0	0.0	0.37
TURF GRASS	49.13	0.0	0.0	5020	3.78	0.7	0.0	4.48
LIVESTOCK					0.08	0.66	0.0	0.74
TOTAL				30041	26.11	1.36	0.0	27.47

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