APPENDIX C: SOURCE ANALYSIS DATA AND CALCULATIONS

Part II

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend: = Value eliminated based on incomplete records; = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamo	1994	3527.5	3909.2	5892.4	8105.1	8119.5	7613.4	7751.8	7297.5	6661.3	6648.0	4929.4	2716.8
	1995		4021.0	7536.5	7830.9	7791.8	7544.9	8262.3	8394.2	6653.2	6028.9	4145.4	3345.6
	1996	4290.6	4737.0	7036.4	8650.3	8795.9	7352.3	7652.9	6866.3	5870.3	6272.4	4722.0	3870.3
	1997	3863.7	5173.4	6837.7	8161.3	7968.9	6996.0	7831.9	7423.3	4131.9	5774.7	4742.0	2790.9
	1998	3986.4		6336.2	8148.0	8312.5	7463.8	6662.2	7226.7	5998.6	6346.8	4821.9	3801.1
	1999	3427.0	4337.3	6079.3	6322.2	7395.3	6762.7	6154.4	6265.1	5342.1			
	Mean	3819.0	4435.6	6619.8	7869.6	8064.0	7288.9	7385.9	7245.5	5776.2	6214.2	4672.1	3304.9
	STDEV	350.4	522.9	626.6	802.9	475.6	337.1	801.6	701.3	949.0	330.4	305.5	542.6
	CV	0.09	0.12	0.09	0.10	0.06	0.05	0.11	0.10	0.16	0.05	0.07	0.16
	Upper 95%	4505.8	5460.5	7847.9	9443.4	8996.1	7949.5	8957.0	8620.1	7636.3	6861.7	5271.0	4368.4
	Lower 95%	3132.3	3410.6	5391.6	6295.9	7131.9	6628.2	5814.9	5871.0	3916.2	5566.6	4073.3	2241.5
All-American	1994			349.5	501.6	441.4	472.2	525.0	362.8	140.1	12.4	12.0	3.6
	1995		26.6	487.1	412.7	299.2	466.1	504.6	226.8	7.2	14.2	7.2	289.4
	1996	272.8	233.2	314.0	363.2			85.0	420.9	182.4	334.2	226.8	193.6
	1997	197.1	163.5	223.0	342.3	404.6	445.0	418.0	131.0		526.9		31.7
	1998	212.6		200.9	292.0	233.0	66.2		417.0		363.0	171.8	25.2
	1999	180.1		318.8	211.8	382.9	324.8	313.4	233.8	444.4			
	Mean	215.7	141.1	315.6	353.9	352.2	354.9	369.2	298.7	193.5	250.1	104.5	108.7
	STDEV	40.3	105.1	102.3	99.5	84.7	172.1	179.5	118.8	183.2	228.4	111.8	126.3
	CV	0.19	0.74	0.32	0.28	0.24	0.49	0.49	0.40	0.95	0.91	1.07	1.16
	Upper 95%	294.7	347.1	516.0	549.0	518.1	692.2	721.0	531.5	552.5	697.7	323.6	356.2
	Lower 95%	136.6	-64.9	115.1	158.9	186.3	17.5	17.4	65.9	-165.5	-197.4	-114.7	-138.8
Bailey	1994	133.0	112.0	149.7	191.5	132.8	64.2	240.4	149.7	206.1	123.2	75.7	74.4
	1995		71.9	132.6	220.3	110.8	53.6	149.5	318.1	62.5	230.8	137.3	60.9
	1996	110.4	84.5	197.3	232.8	181.2	118.3	218.3	162.9	61.1	132.9	101.0	84.5
	1997	67.1	168.1	176.4	140.1	108.8	91.6	309.3	99.4	182.3	75.2	81.1	81.1
	1998	150.4		188.7	228.4	134.1	225.3	204.8	222.5	267.5	143.3	161.9	92.9
	1999	117.2	113.8	152.3	151.0	147.3	204.1	422.0	211.3	228.6			
	Mean	115.6	110.1	166.2	194.0	135.8	126.2	257.4	194.0	168.0	141.1	111.4	78.8
	STDEV	31.2	37.1	25.2	40.4	26.7	72.5	95.9	75.4	86.9	56.5	37.2	12.0
	CV	0.27	0.34	0.15	0.21	0.20	0.57	0.37	0.39	0.52	0.40	0.33	0.15
	Upper 95%	176.8	182.7	215.5	273.1	188.1	268.2	445.4	341.7	338.4	251.9	184.2	102.3
	Lower 95%	54.5	37.4	116.8	114.9	83.5	-15.9	69.4	46.3	-2.4	30.3	38.6	55.2
Bryan	1994	152.6	240.8	1081.1	1559.5	995.5	1436.9	1867.0	1403.7	787.3	967.4	487.8	447.7
	1995		723.8	1284.1	1308.5	1132.3	912.4	1185.1	844.1	849.3	602.1	632.4	537.5
	1996	414.3	654.9	1325.4	1162.4	962.4	1243.4	1347.8	1218.0	1024.8	592.7	654.2	371.9
	1997	535.8	622.5	1198.9	1270.5	1333.0	1409.6	1490.3	1334.2	707.7	322.3	410.3	457.5

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Influence

Legend: = Value eliminated based on incomplete records; = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	427.4		1149.7	1217.7	991.0	1090.6	1238.9	1272.0	541.6	600.5	321.7	359.5
	1999	574.5	404.3	1105.8	1215.9	1253.3	1249.2	1559.5	1229.4	800.1			
	Mean	420.9	529.3	1190.8	1289.1	1111.3	1223.7	1448.1	1216.9	785.1	617.0	501.3	434.8
	STDEV	165.0	200.7	97.8	141.7	154.8	197.8	250.1	195.4	159.4	229.5	142.6	72.2
	CV	0.39	0.38	0.08	0.11	0.14	0.16	0.17	0.16	0.20	0.37	0.28	0.17
	Upper 95%	744.3	922.7	1382.5	1566.8	1414.6	1611.4	1938.2	1599.8	1097.6	1066.9	780.7	576.3
	Lower 95%	97.6	135.9	999.1	1011.4	807.9	835.9	958.0	834.0	472.6	167.1	221.9	293.3
C	1994	992.0	1490.2	2535.8	3694.3	2968.8	2753.9	3433.7	3023.7	2517.5	1736.8	959.2	878.4
	1995		1666.0	2927.9	3105.6	2904.9	3108.1	2822.8	3630.9	2004.8	1479.3	1414.8	1032.5
	1996	1185.3	2101.9	3205.6	3587.2	2673.1	2192.1	2748.6	2215.9	3170.4	1601.0	1328.1	1056.4
	1997	1097.2	2272.1	2897.8	2671.6	2361.1	2160.3	3287.5	2764.7	1963.2	1814.7	1340.6	1027.6
	1998	1070.8		2926.9	3387.3	3181.0	3474.3	4052.1	3409.6	2613.2	1682.2	1518.4	997.2
	1999	727.3	1720.5	2674.2	2776.3	3491.4	3445.8	2925.7	2591.3	2860.7			
	Mean	1014.5	1850.1	2861.4	3203.7	2930.1	2855.8	3211.7	2939.4	2521.6	1662.8	1312.2	998.4
	STDEV	174.8	324.7	232.2	423.5	392.4	588.0	491.7	525.6	474.0	128.9	211.4	70.3
	CV	0.17	0.18	0.08	0.13	0.13	0.21	0.15	0.18	0.19	0.08	0.16	0.07
	Upper 95%	1357.1	2486.5	3316.5	4033.8	3699.2	4008.3	4175.4	3969.6	3450.6	1915.4	1726.5	1136.3
	Lower 95%	672.0	1213.7	2406.3	2373.6	2160.9	1703.2	2248.0	1909.1	1592.7	1410.2	897.9	860.6
D	1994	185.4	149.9	368.6	428.0	309.7	348.3	327.5	324.9	275.0	242.4	130.6	203.8
	1995		241.1	423.9	451.1	423.5	279.5	284.7	198.0	293.7	307.3	263.9	239.8
	1996	232.2	239.3	445.3	465.6	371.4	271.2	291.8	145.9	156.8	199.6	269.7	180.7
	1997	233.5	258.2	372.5	448.0	321.3	319.9	492.6	448.7	203.2	265.5	162.6	166.2

Table C-16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1998	236.6		448.0	458.8	322.1	321.9	479.9	361.7	389
	1999	213.8	188.0	445.1	409.3	462.6	477.4	328.3	504.7	313
	Mean	220.3	215.3	417.2	443.5	368.4	336.4	367.5	330.6	271
	STDEV	21.5	45.0	37.2	21.0	62.8	74.8	93.8	139.2	82
	CV	0.10	0.21	0.09	0.05	0.17	0.22	0.26	0.42	0.3
	Upper 95%	262.3	303.5	490.2	484.7	491.5	483.0	551.4	603.5	433
	Lower 95%	178.2	127.0	344.2	402.2	245.3	189.7	183.6	57.7	110
Darling	1994	498.1	684.3	1663.7	2300.3	839.5	943.2	1011.8	945.4	887
	1995		549.6	1235.0	1364.2	1286.6	1576.6	1261.3	1355.2	929
	1996	607.1	774.4	1351.8	1949.3	1026.0	1214.1	1431.5	1129.1	859
	1997	465.5	615.1	1113.4	1427.2	1351.1	1547.2	1787.8	1494.2	829
	1998	377.5		1064.4	1546.5	1396.4	1087.0	2089.1	979.9	101
	1999	495.5	605.0	1362.8	1080.2	1521.7	1753.5	824.8	1071.2	769
	Mean	488.7	645.7	1298.5	1611.3	1236.9	1353.6	1401.1	1162.5	882
	STDEV	82.2	86.4	216.1	440.5	254.7	318.1	474.8	217.8	85
	CV	0.17	0.13	0.17	0.27	0.21	0.24	0.34	0.19	0.1
	Upper 95%	649.9	815.1	1722.0	2474.7	1736.2	1977.2	2331.6	1589.3	105
	Lower 95%	327.5	476.3	875.0	747.9	737.6	730.0	470.5	735.7	713
E	1994	556.6	805.7	1674.1	2482.5	2320.1	2228.9	2355.0	2317.9	185
	1995		1395.4	1845.7	2223.1	2337.2	2533.9	2362.5	2549.8	172
	1996	930.8	1705.7	2144.8	2538.5	2130.3	2365.3	2296.0	2557.8	150
	1997	871.0	1363.4	2341.7	2448.6	2286.0	1757.2	2455.3	2214.4	149
	1998	889.4		1997.2	2333.0	3055.5	2381.4	2936.6	2334.0	195
	1999	956.0	1048.0	1981.1	2533.3	2691.2	2795.1	2658.2	2096.1	161
	Mean	840.8	1263.6	1997.4	2426.5	2470.1	2343.6	2510.6	2345.0	168
	STDEV	162.3	346.0	231.5	124.7	340.9	346.1	244.3	182.8	188
	CV	0.19	0.27	0.12	0.05	0.14	0.15	0.10	0.08	0.1
	Upper 95%	1158.9	1941.9	2451.3	2670.8	3138.2	3022.0	2989.5	2703.3	205
	Lower 95%	522.6	585.4	1543.6	2182.2	1801.9	1665.2	2031.7	1986.7	132
G	1994	1404.6	1290.4	2391.0	4251.2	3346.6	3439.4	3556.4	2952.0	176
	1995		1917.7	3369.5	3637.0	3835.4	3729.7	4735.9	4261.4	213
	1996	1854.1	2187.7	3908.7	4270.3	4140.1	3963.8	4399.6	3113.0	268
	1997	1510.4	2248.8	3622.8	4269.1	3009.3	3212.3	4531.1	3501.5	292
	1998	1397.1		3332.4	3938.5	4244.1	3559.7	4683.0	3577.4	320
	1999	1217.6	1453.9	2991.6	3769.6	3516.5	2888.9	2777.9	2597.2	173
	Mean	1476.8	1819.7	3269.3	4022.6	3682.0	3465.6	4114.0	3333.8	240
	STDEV	235.7	431.0	528.5	280.8	477.9	380.6	782.6	580.5	619
	CV	0.16	0.24	0.16	0.07	0.13	0.11	0.19	0.17	0.2
	Upper 95%	1938.7	2664.5	4305.1	4572.9	4618.6	4211.6	5647.8	4471.6	362
	Lower 95%	1014.8	974.9	2233.6	3472.3	2745.4	2719.7	2580.1	2195.9	119
Graeser	1994	122.1	67.2	183.0	298.8	309.2	349.9	412.8	299.7	70
	1995		193.0	264.2	433.8	86.9	348.7	230.4	160.7	389
	1996	132.0	198.2	309.2	236.3	232.4	426.1	268.5	286.6	177

Table C-16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1997	25.4	283.9	348.3	470.1	158.4	121.6	360.2	170.3	315
	1998	175.9		291.0	280.5	395.2	373.1	413.2	364.2	271
	1999	38.4	215.4	331.2	168.0	353.3	335.6	376.2	289.0	286
	Mean	98.8	191.5	287.8	314.6	255.9	325.8	343.6	261.8	251
	STDEV	64.5	78.4	59.2	116.1	118.6	105.1	76.7	79.8	112
	CV	0.65	0.41	0.21	0.37	0.46	0.32	0.22	0.31	0.4
	Upper 95%	225.1	345.3	403.9	542.2	488.4	531.8	493.9	418.2	471
	Lower 95%	-27.6	37.8	171.7	87.0	23.4	119.9	193.2	105.3	31
I	1994	910.7	1227.8	2454.3	2810.8	2250.3	2285.4	1925.6	2053.5	102
	1995		1341.8	3502.0	3486.4	2978.2	3440.1	4160.8	3276.4	224
	1996	1409.6	2183.7	3046.4	3618.7	2545.1	2220.6	2749.8	1697.9	252
	1997	1275.8	1857.0	3550.3	3515.1	3111.6	2754.0	2945.7	2640.3	233
	1998	989.9		2627.7	2484.0	2495.6	3011.0	3920.8	2973.1	223
	1999	1039.0	1831.6	2869.7	2640.9	2987.1	2816.4	2744.6	1979.5	198
	Mean	1125.0	1688.4	3008.4	3092.7	2728.0	2754.6	3074.6	2436.8	205
	STDEV	209.4	395.8	449.4	502.8	344.3	457.1	830.3	622.2	535
	CV	0.19	0.23	0.15	0.16	0.13	0.17	0.27	0.26	0.2
	Upper 95%	1535.3	2464.1	3889.3	4078.2	3402.7	3650.5	4702.0	3656.4	310

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	Lower 95%	714.7	912.7	2127.5	2107.1	2053.3	1858.6	1447.1	1217.2	1009
J	1994	517.2	536.9	1163.5	1524.7	1265.7	1474.1	1687.3	1025.8	1006
	1995		841.7	1528.5	2040.7	1764.9	1660.2	1927.0	1870.2	1535
	1996	913.4	1071.0	1917.9	2009.5	1757.2	1797.0	2064.2	1553.6	1564
	1997	780.3	1048.4	2359.6	2451.2	2083.0	1735.1	2100.6	2037.0	1121
	1998	636.8		1815.9	1880.2	1485.4	1748.8	2930.7	2324.2	1738
	1999	656.3	983.3	1721.9	1820.6	2082.6	2057.1	1956.4	1599.9	1459
	Mean	700.8	896.3	1751.2	1954.5	1739.8	1745.4	2111.0	1735.1	1404
	STDEV	151.1	219.9	399.5	305.1	324.3	190.2	427.0	449.6	281
	CV	0.22	0.25	0.23	0.16	0.19	0.11	0.20	0.26	0.2
	Upper 95%	996.9	1327.2	2534.2	2552.4	2375.3	2118.1	2947.9	2616.4	1956
	Lower 95%	404.7	465.3	968.2	1356.5	1104.3	1372.7	1274.2	853.9	852
Jones	1994	60.8	53.0	108.2	158.4	3.2		68.8		
	1995		45.4	53.8	51.0	47.4	138.2	139.5	54.1	
	1996	40.4	79.0	90.4	106.8		127.4		78.2	68.
	1997	42.5	47.2	65.9	64.7	112.1	82.2	100.2	56.7	
	1998	57.3		106.8	118.8			144.4	92.9	51.
	1999	28.9	47.3	104.1	101.0	99.2	152.0	121.2	88.8	113
	Mean	46.0	54.4	88.2	100.1	65.5	125.0	114.8	74.1	78.
	STDEV	13.1	14.1	23.2	38.6	50.1	30.2	31.0	18.0	32.
	CV	0.28	0.26	0.26	0.39	0.76	0.24	0.27	0.24	0.4
	Upper 95%	71.6	81.9	133.6	175.8	163.6	184.2	175.7	109.3	140
	Lower 95%	20.4	26.8	42.8	24.4	-32.6	65.7	54.0	39.0	15.
K	1994	418.7	477.0	1184.7	1832.6	1354.9	1253.8	1365.3	1423.0	1356
	1995		866.7	1331.9	1540.3	1271.7	1010.9	1593.3	1435.2	1257
	1996	983.6	1096.1	1842.1	1957.8	1521.3	1899.7	1417.7	2071.6	1383
	1997	322.2	1557.2	1874.6	2554.5	2243.2	1266.2	2907.8	2789.1	1639
	1998	471.9		2114.3	2061.0	1872.9	1636.6	2642.7	2328.4	1804
	1999	320.2	894.5	1954.5	2081.7	2349.1	2246.7	1852.8	2065.4	1438
	Mean	503.3	978.3	1717.0	2004.7	1768.9	1552.3	1963.3	2018.8	1480
	STDEV	276.2	393.6	370.5	334.3	458.8	463.5	657.0	527.2	203
	CV	0.55	0.40	0.22	0.17	0.26	0.30	0.33	0.26	0.1
	Upper 95%	1044.7	1749.8	2443.2	2659.9	2668.0	2460.7	3250.9	3052.1	1878
	Lower 95%	-38.0	206.8	990.8	1349.4	869.7	643.9	675.6	985.5	1081
L	1994	765.3	834.2	1377.8	1858.2	1442.2	919.8	1294.2	1004.9	889
	1995		999.6	1444.7	1595.9	1758.5	1328.4	1684.2	1339.9	1411
	1996	757.3	1177.2	1627.9	1672.6	1150.9	1178.7	1134.8	1425.2	1089
	1997	528.1	1026.3	1557.0	2191.7	1793.1	1428.9	1943.8	1820.3	1173
	1998	712.2		1293.7	1547.3	1941.6	1665.6	2049.9	1735.8	1292
	1999	646.5	714.7	1701.3	1614.4	1963.9	1668.2	1979.0	1610.4	1206
	Mean	681.9	950.4	1500.4	1746.7	1675.0	1364.9	1681.0	1489.4	1177
	STDEV	98.1	179.4	155.4	243.3	317.6	290.0	385.2	298.7	178
	CV	0.14	0.19	0.10	0.14	0.19	0.21	0.23	0.20	0.1

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	Upper 95%	874.1	1301.9	1804.9	2223.5	2297.5	1933.4	2436.0	2074.8	1527
	Lower 95%	489.7	598.9	1195.9	1269.8	1052.5	796.4	926.0	904.0	827
Lewis	1994	333.5	117.8	475.8	493.7	301.8	476.0	454.9	453.4	254
	1995		383.7	696.7	632.9	323.5	333.3	364.7	473.6	344
	1996	257.1	173.6	523.1	496.5	415.3	504.7	174.4	324.7	350
	1997	169.7	258.9	511.0	486.7	538.3	457.2	361.9	189.9	274
	1998	302.9		398.5	465.1	653.5	701.4	399.0	450.5	228
	1999	378.7	270.4	624.7	631.9	393.7	202.4	530.8	203.4	388
	Mean	288.4	240.9	538.3	534.5	437.7	445.8	381.0	349.3	306
	STDEV	79.8	101.6	106.8	76.7	134.6	168.4	119.6	129.5	63.
	CV	0.28	0.42	0.20	0.14	0.31	0.38	0.31	0.37	0.2
	Upper 95%	444.8	440.0	747.5	684.7	701.6	775.8	615.4	603.0	430
	Lower 95%	132.0	41.8	329.1	384.2	173.8	115.8	146.5	95.5	183
M	1994	336.8	494.6	1035.5	1316.4	1133.2	1008.8	911.3	1103.8	702
	1995		662.6	1088.0	1122.6	1105.9	1122.0	1143.3	1275.4	856
	1996	434.1	781.1	1273.4	1178.2	1143.5	1304.4	1516.0	1225.6	641
	1997	402.5	788.0	1562.4	1458.0	1215.6	1280.3	1197.7	1494.1	835

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1998	617.7		1082.6	1161.8	1188.5	1442.2	1508.2	1319.2	1362
	1999	509.8	650.9	1129.6	1064.1	1499.1	1201.9	1346.7	1285.6	1021
	Mean	460.2	675.4	1195.3	1216.9	1214.3	1226.6	1270.5	1284.0	903
	STDEV	107.8	119.7	197.4	144.8	145.0	151.3	233.7	127.5	261
	CV	0.23	0.18	0.17	0.12	0.12	0.12	0.18	0.10	0.2
	Upper 95%	671.5	910.0	1582.2	1500.6	1498.5	1523.1	1728.6	1533.9	1414
	Lower 95%	248.8	440.8	808.3	933.1	930.1	930.1	812.5	1034.0	391
Magnolia	1994	335.8	257.6	827.7	1125.0	955.8	894.6	1177.8	1062.8	894
	1995		449.5	950.5	998.5	831.4	1056.9	1024.5	902.2	438
	1996	472.1	737.6	798.0	962.3	533.9	629.8	998.3	965.8	588
	1997	317.4	411.2	1103.1	778.5	968.6	1443.8	1099.8	1110.1	719
	1998	385.9		837.2	890.3	912.2	924.8	878.4	731.3	518
	1999	483.4	490.6	819.4	792.0	790.3	874.8	773.8	998.5	575
	Mean	398.9	469.3	889.3	924.4	832.0	970.8	992.1	961.8	622
	STDEV	76.3	173.9	117.6	132.0	161.9	270.0	146.8	134.3	161
	CV	0.19	0.37	0.13	0.14	0.19	0.28	0.15	0.14	0.2
	Upper 95%	548.5	810.2	1119.9	1183.2	1149.3	1500.0	1279.8	1225.1	939
	Lower 95%	249.4	128.4	658.8	665.7	514.8	441.5	704.4	698.5	305
Malva	1994	88.6	34.0	98.3	85.8					
	1995									
	1996	40.3	68.9	100.1	135.4	97.3	89.8	136.6	18.8	27.
	1997	46.8	69.8	95.7	94.5	15.6	138.9	78.0	49.5	61.
	1998	25.2		41.0	23.6	28.4	43.2	40.0	85.8	42.
	1999	62.9	66.9	100.9	102.5	92.2	35.0	269.1	12.6	39.
	Mean	52.8	59.9	87.2	88.4	58.4	76.7	130.9	41.7	42.
	STDEV	24.2	17.3	25.9	40.8	42.4	48.0	100.3	33.6	14.
	CV	0.46	0.29	0.30	0.46	0.73	0.63	0.77	0.81	0.3
	Upper 95%	100.1	93.8	138.0	168.3	141.4	170.7	327.6	107.4	70.
	Lower 95%	5.4	26.0	36.4	8.4	-24.7	-17.3	-65.7	-24.1	14.
Maple	1994	679.6	946.3	1730.8	2120.5	1123.3	1540.6	1981.2	1172.8	1204
	1995		642.8	1705.5	1926.1	1440.4	1623.3	2200.7	1631.3	1204
	1996	893.2	1014.9	1738.4	2100.8	1560.2	1223.1	1344.1	1238.2	776
	1997	695.5	1161.4	1649.8	2016.7	1198.6	1394.6	1484.7	1064.7	799
	1998	685.8		1839.4	1869.2	1755.2	1565.7	2072.3	1644.8	1686
	1999	1002.2	793.2	1787.0	1983.6	1669.3	1426.6	2101.0	1081.3	1461
	Mean	791.3	911.7	1741.8	2002.8	1457.8	1462.3	1864.0	1305.5	1188
	STDEV	148.0	200.3	65.5	97.7	254.2	145.5	358.0	265.2	359
	CV	0.19	0.22	0.04	0.05	0.17	0.10	0.19	0.20	0.3
	Upper 95%	1081.4	1304.4	1870.3	2194.4	1956.0	1747.5	2565.7	1825.3	1892
	Lower 95%	501.1	519.1	1613.3	1811.3	959.6	1177.2	1162.3	785.7	485
Marigold	1994	555.6	354.4	1561.3	1716.2	1255.7				
	1995									
	1996									

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1997									
	1998									
	1999									
	Mean	555.6	354.4	1561.3	1716.2	1255.7				
	STDEV									
	CV									
Mayflower	1994	651.0	576.6	1630.5	1802.5	1716.4				
	1995									
	1996									
	1997									
	1998									
	1999									
	Mean	555.6	354.4	1561.3	1716.2	1255.7				
	STDEV									
	CV									

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
Mesquite	1994	2078.0	1875.3	4395.8	6594.7	5095.9	5120.2	6041.0	5382.1	4708
	1995		2197.4	5532.6	5724.2	5584.0	5997.8	6997.2	5388.0	4674
	1996	2607.9	2564.7	5168.9	6857.8	4972.8	5304.5	5711.5	5026.5	4493
	1997	2081.6	3502.7	5233.2	6291.8	5556.5	5330.3	6395.7	5607.9	3567
	1998	1990.2		5651.2	5853.6	5729.8	4770.0	5778.6	4845.3	3879
	1999	2497.9	3123.8	5068.0	5181.2	6132.3	5481.9	5941.7	4935.3	3937
	Mean	2251.1	2652.8	5175.0	6083.9	5511.9	5334.1	6144.3	5197.5	4210
	STDEV	280.6	664.0	442.0	616.5	425.0	406.7	482.4	303.6	477
	CV	0.12	0.25	0.09	0.10	0.08	0.08	0.08	0.06	0.1
	Upper 95%	2801.1	3954.3	6041.2	7292.2	6344.9	6131.3	7089.7	5792.6	5146
	Lower 95%	1701.1	1351.2	4308.7	4875.5	4678.8	4536.9	5198.8	4602.5	3273
Moorehead	1994	135.1	131.7	157.6	352.9	78.6	98.5	302.5	11.9	221
	1995		121.3	312.9	273.1	204.2	113.6	231.7	261.0	182
	1996	71.4	140.4	194.9	177.2	68.8	195.1	89.6	221.5	128
	1997	20.3	42.8	177.7	123.9	189.7	304.5	287.9	282.0	178
	1998	92.9		109.1	190.7	251.7	293.4	447.9	419.4	311
	1999	86.2	92.2	158.4	157.8	300.5	310.6	312.5	351.9	297
	Mean	81.2	105.7	185.1	212.6	182.3	219.3	278.7	258.0	219
	STDEV	41.4	39.6	68.9	84.8	92.7	97.4	117.0	139.5	71.
	CV	0.51	0.37	0.37	0.40	0.51	0.44	0.42	0.54	0.3
	Upper 95%	162.4	183.2	320.1	378.8	363.9	410.2	507.9	531.4	360
	Lower 95%	-0.1	28.1	50.1	46.4	0.6	28.4	49.5	-15.5	79.
Moss	1994	434.6	496.3	983.2	1141.8	1199.0	1237.2	1271.2	1075.3	789
	1995		731.9	1475.4	1161.9	1135.0	1077.3	1435.3	1308.1	351
	1996	511.9	941.8	1271.1	1560.6	963.7	1068.3	1244.6	1259.9	792
	1997	465.7	726.3	1260.5	1375.3	870.2	1141.1	1631.6	1100.0	688
	1998	657.0		1130.6	1396.5	942.5	863.6	1297.7	1065.4	1078
	1999	583.2	833.5	1311.0	1296.3	1273.8	1311.2	1277.8	723.9	1056
	Mean	530.5	746.0	1238.6	1322.1	1064.0	1116.5	1359.7	1088.8	792
	STDEV	90.2	165.0	167.2	157.5	161.0	155.5	149.2	205.6	267
	CV	0.17	0.22	0.13	0.12	0.15	0.14	0.11	0.19	0.3
	Upper 95%	707.2	1069.4	1566.3	1630.8	1379.7	1421.2	1652.1	1491.8	1316
	Lower 95%	353.7	422.5	911.0	1013.3	748.4	811.7	1067.3	685.8	269
Mulberry	1994	737.4	603.4	1710.5	2006.8	1745.5	2204.1			
	1995									
	1996	945.9	1427.5	2090.0	2615.5	1735.2	1747.7	2068.0	1360.3	1775
	1997	871.6	1378.6	2033.1	2207.3	1726.0	1532.1	1950.1	1525.8	1839
	1998	899.9		1901.8	1974.5	1724.4	2161.1	1813.6	1929.6	2046
	1999	1069.6	993.8	1763.1	1925.0	1882.2	2159.5	2270.3	1542.9	1640
	Mean	904.9	1100.8	1899.7	2145.8	1762.7	1960.9	2025.5	1589.7	1825
	STDEV	120.4	384.2	164.7	283.6	67.4	303.3	193.5	241.1	169
	CV	0.13	0.35	0.09	0.13	0.04	0.15	0.10	0.15	0.0
	Upper 95%	1140.9	1853.8	2222.5	2701.8	1894.7	2555.4	2404.7	2062.3	2156
	Lower 95%	668.9	347.9	1576.9	1589.9	1630.6	1366.4	1646.3	1117.0	1494

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
Mullen	1994	778.9	564.8	1459.3	1808.4	1486.0	1859.7	1890.1	1164.4	985
	1995		604.7	1966.9	2010.2	1631.4	1593.9	1882.7	1279.9	1154
	1996	702.5	1037.9	1450.3	1728.2	1235.7	1246.0	2061.5	1403.7	1280
	1997	618.4	1010.8	1627.7	1957.9	1578.7	1751.5	1731.2	1764.1	1430
	1998	602.6		1485.2	1616.2	1795.0	1775.0	2265.0	1829.8	1009
	1999	526.0	992.4	1601.6	1603.5	1795.5	1790.8	1667.3	1713.7	1148
	Mean	645.7	842.1	1598.5	1787.4	1587.1	1669.5	1916.3	1525.9	1168
	STDEV	97.3	235.9	195.3	170.8	210.9	225.3	219.4	279.5	167
	CV	0.15	0.28	0.12	0.10	0.13	0.13	0.11	0.18	0.1
	Upper 95%	836.5	1304.5	1981.3	2122.1	2000.4	2111.1	2346.4	2073.7	1496
	Lower 95%	454.9	379.7	1215.7	1452.7	1173.7	1227.9	1486.2	978.2	839
Munyon	1994	707.2	610.7	1220.1	1823.0	1011.2	1125.1	1480.0	989.2	1141
	1995		728.8	1388.1	1499.1	1138.7	1285.4	1507.1	966.2	916
	1996	689.2	773.9	1344.3	1680.6	905.4	1339.2	1395.3	1085.9	1232
	1997	665.6	869.7	1297.2	1732.8	1332.0	1245.4	1480.9	1049.2	962

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1998	659.8		1263.6	1460.6	1197.8	1497.4	1989.0	1529.8	708
	1999	876.4	425.0	1322.6	1143.3	1037.8	1506.0	1594.7	1368.9	942
	Mean	719.6	681.6	1306.0	1556.6	1103.8	1333.1	1574.5	1164.9	984
	STDEV	89.7	171.0	59.6	245.2	151.3	148.4	212.9	230.1	184
	CV	0.12	0.25	0.05	0.16	0.14	0.11	0.14	0.20	0.1
	Upper 95%	895.4	1016.8	1422.7	2037.3	1400.3	1624.0	1991.7	1615.9	1344
	Lower 95%	543.9	346.4	1189.2	1075.9	807.3	1042.2	1157.3	713.9	623
Myrtle	1994	532.7	371.9	1063.8	1030.9	1100.7	1074.5	1843.3	1071.1	774
	1995		474.7	1227.3	1291.5	1395.9	1512.5	1310.6	1223.9	1242
	1996	512.2	834.9	1084.8	1133.5	1363.3	1065.6	1533.8	1153.2	906
	1997	573.0	744.0	1183.9	1409.1	1232.6	1059.8	1501.5	1138.3	922
	1998	578.1		1286.6	1276.9	1213.7	1347.7	1354.4	1104.8	827
	1999	591.8	565.6	1258.0	1262.0	1074.2	1426.3	1142.3	891.4	1018
	Mean	557.6	598.2	1184.1	1234.0	1230.1	1247.7	1447.7	1097.1	948
	STDEV	33.6	190.3	91.8	132.6	131.6	205.2	239.8	113.1	166
	CV	0.06	0.32	0.08	0.11	0.11	0.16	0.17	0.10	0.1
	Upper 95%	623.4	971.1	1364.1	1493.9	1487.9	1649.9	1917.7	1318.8	1275
	Lower 95%	491.8	225.3	1004.1	974.0	972.2	845.6	977.6	875.4	622
N	1994	475.4	422.5	845.2	1157.3	1015.0	860.0	1388.7	1220.8	943
	1995		553.0	1320.6	1458.8	1396.0	1083.5	1145.2	1489.9	1021
	1996	485.3	983.4	1168.5	1466.6	1132.7	856.5	1178.7	1221.6	811
	1997	430.2	633.7	1311.2	1651.8	1271.9	1106.3	1097.9	1203.8	661
	1998	542.2		1100.5	1219.9	1059.0	746.5	1104.4	1198.3	1100
	1999	494.3	479.4	1080.4	1510.9	1106.2	1309.0	823.5	666.4	711
	Mean	485.5	614.4	1137.7	1410.9	1163.5	993.6	1123.1	1166.8	875
	STDEV	40.2	221.0	175.9	186.7	143.5	208.8	181.6	269.5	175
	CV	0.08	0.36	0.15	0.13	0.12	0.21	0.16	0.23	0.2
	Upper 95%	564.2	1047.5	1482.5	1776.8	1444.8	1402.9	1479.0	1695.0	1218
	Lower 95%	406.8	181.3	792.9	1045.0	882.1	584.4	767.2	638.6	531
Narcissus	1994	324.0	570.7	1614.0	1735.8	1617.1	1828.0			
	1995									
	1996									
	1997									
	1998									
	1999									
	Mean	324.0	570.7	1614.0	1735.8	1617.1	1828.0			
	STDEV									
	CV									
Nectarine	1994	653.4	549.4	1670.5	1909.3					
	1995									
	1996	1281.0	1018.3	1887.4	1981.0	1021.9	1633.9	2067.7	1084.1	1012

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1997	775.3	1283.6	1680.3	1763.6	1207.5	1333.4	1601.6	1119.1	1426
	1998	895.4		1802.3	1791.9	1434.6	1337.4	2139.4	1355.0	1864
	1999	995.5	1012.2	1690.6	1702.3	1832.7	2016.5	1791.9	1914.6	1360
	Mean	920.1	965.9	1746.2	1829.6	1374.2	1580.3	1900.2	1368.2	1415
	STDEV	239.1	305.1	95.2	113.2	349.2	323.1	249.1	383.6	349
	CV	0.26	0.32	0.05	0.06	0.25	0.20	0.13	0.28	0.2
	Upper 95%	1388.7	1563.9	1932.8	2051.5	2058.6	2213.5	2388.4	2120.1	2101
	Lower 95%	451.5	367.8	1559.6	1607.7	689.8	947.1	1411.9	616.3	730
Nettle	1994	724.3	775.9	1517.5	2242.9	1807.2	1880.6	1957.0		
	1995									
	1996	692.8	1281.0	1931.2	2384.6	1618.5	1307.0	1830.1	965.5	996
	1997	899.3	1107.6	1932.8	2087.3	1380.7	1318.0	1937.8	1435.1	1525
	1998	696.1		1972.2	1907.1	2386.4	2063.3	1857.5	1952.3	1576
	1999	747.5	820.6	1888.3	2070.3	1674.9	1418.9	1823.4	1866.4	1586
	Mean	752.0	996.3	1848.4	2138.4	1773.5	1597.6	1881.2	1554.8	1421
	STDEV	85.3	240.1	187.3	181.9	375.8	350.5	62.2	453.4	284
	CV	0.11	0.24	0.10	0.09	0.21	0.22	0.03	0.29	0.2
	Upper 95%	919.2	1466.8	2215.6	2494.9	2510.1	2284.6	2003.0	2443.5	1978

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

	Lower 95%	584.8	525.8	1481.2	1782.0	1037.0	910.5	1759.3	666.2	864
Ninth St.	1994	81.7	164.2	260.9	331.7	156.2	113.0	99.6	253.3	21.
	1995		114.8	236.4	355.5	247.7	325.7	250.1	225.5	111
	1996	64.0	107.8	210.1	293.9	217.1	221.5	259.2	331.5	161
	1997	140.5	83.3	224.7	249.9	211.8	216.2	225.0	193.0	102
	1998	117.2		184.1	317.6	285.1	188.0	323.3	121.0	252
	1999	104.6	126.3	249.9	256.9	217.0	258.2	201.2	164.9	176
	Mean	101.6	119.3	227.7	300.9	222.5	220.4	226.4	214.9	137
	STDEV	29.9	29.6	27.9	41.9	42.7	70.9	74.5	73.5	78.
	CV	0.29	0.25	0.12	0.14	0.19	0.32	0.33	0.34	0.5
	Upper 95%	160.2	177.4	282.4	383.1	306.2	359.4	372.4	358.8	291
	Lower 95%	43.0	61.2	173.0	218.7	138.8	81.5	80.4	70.9	-16
Nutmeg	1994	1006.3	494.6	1606.6	1980.0					
	1995									
	1996	761.5	1132.0	1722.1	2399.9	1854.1	1595.8	1537.8	1255.8	1492
	1997	628.2	1271.1	1809.7	1954.4	1815.6	1085.2	1889.3	1171.0	1037
	1998	893.6		1936.6	2114.0	1904.6	2232.1	2521.2	1970.6	1983
	1999	926.2	1064.9	1913.3	1662.8	1829.6	1939.4	1738.3	2140.5	1934
	Mean	843.2	990.7	1797.7	2022.2	1851.0	1713.1	1921.7	1634.5	1612
	STDEV	149.1	341.7	137.0	267.7	39.1	492.8	424.8	492.4	442
	CV	0.18	0.34	0.08	0.13	0.02	0.29	0.22	0.30	0.2
	Upper 95%	1135.4	1660.3	2066.1	2546.9	1927.7	2679.0	2754.3	2599.5	2478
	Lower 95%	550.9	321.0	1529.2	1497.5	1774.3	747.2	1089.0	669.5	745
Oak	1994	709.5	524.6	958.7	1403.6	1295.5	1277.6	1269.4	1144.8	764
	1995		805.7	1543.6	1528.3	1195.6	1368.8	1471.4	1033.1	762
	1996	737.1	844.8	1368.3	1543.0	968.6	1517.1	1315.8	1623.7	927
	1997	557.7	901.8	1178.4	1437.6	895.2	1496.0	1715.2	1351.5	1108
	1998	623.8		1279.0	1210.5	1197.7	992.4	1560.5	1276.0	1221
	1999	811.2	708.5	1346.1	1148.7	897.8	1478.1	812.7	844.0	897
	Mean	687.9	757.1	1279.0	1378.6	1075.1	1355.0	1357.5	1212.2	947
	STDEV	98.9	147.8	197.6	164.1	175.1	199.5	312.6	270.2	185
	CV	0.14	0.20	0.15	0.12	0.16	0.15	0.23	0.22	0.2
	Upper 95%	881.8	1046.8	1666.3	1700.3	1418.2	1746.0	1970.1	1741.7	1309
	Lower 95%	494.0	467.3	891.7	1057.0	731.9	964.0	744.9	682.6	584
Oasis	1994									
	1995							732.7	455.2	626
	1996	448.3	267.0	670.1	699.0	681.0	669.4	576.8	355.6	461
	1997	253.0	386.0	558.0	594.1	686.8	691.0	793.8	560.8	414
	1998	229.9		538.3	718.4	607.4	603.0	515.6	333.9	455
	1999	392.3	276.6	566.6	620.2	625.2	436.7	438.8	384.8	439
	Mean	330.9	309.9	583.2	657.9	650.1	600.1	611.6	418.1	479
	STDEV	106.2	66.2	59.1	60.1	39.8	115.2	148.4	92.0	84.
	CV	0.32	0.21	0.10	0.09	0.06	0.19	0.24	0.22	0.1
	Upper 95%	538.9	439.5	699.1	775.8	728.0	825.7	902.5	598.4	644

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

	Lower 95%	122.8	180.2	467.4	540.1	572.2	374.4	320.6	237.8	314
Oat	1994									
	1995							685.6	733.8	424
	1996	185.4	408.9	509.7	673.1	733.3	543.8	620.2	477.7	412
	1997	153.1	448.9	578.1	738.7	742.1	581.1	631.9	468.0	521
	1998	291.8		580.8	640.5	809.0	653.9	664.5	468.3	440
	1999	252.8	301.2	598.6	598.0	651.5	638.5	698.0	455.5	541
	Mean	220.8	386.3	566.8	662.6	734.0	604.3	660.1	520.7	468
	STDEV	63.0	76.4	39.1	59.4	64.5	51.1	33.5	119.4	59.
	CV	0.29	0.20	0.07	0.09	0.09	0.08	0.05	0.23	0.1
	Upper 95%	344.2	536.1	643.5	778.9	860.4	704.4	725.8	754.7	584
	Lower 95%	97.4	236.6	490.1	546.2	607.5	504.2	594.4	286.6	352
Occident	1994	228.8	297.1	596.0	770.0	875.4	903.7	884.8	718.5	718
	1995		260.4	751.2	611.2	781.7	882.6	806.1	660.6	636
	1996	386.3	327.7	675.0	714.8	713.7	637.7	662.3	642.2	411
	1997	308.2	468.7	597.6	871.8	760.3	752.8	736.3	834.8	529

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1998	306.2		675.4	702.1	824.7	747.3	751.2	478.8	491
	1999	373.6	332.1	576.0	680.3	695.0	682.3	514.8	483.1	617
	Mean	320.6	337.2	645.2	725.0	775.1	767.7	725.9	636.3	567
	STDEV	63.1	78.9	67.1	88.5	67.8	106.3	127.3	137.9	111
	CV	0.20	0.23	0.10	0.12	0.09	0.14	0.18	0.22	0.2
	Upper 95%	444.3	491.9	776.7	898.5	907.9	976.1	975.4	906.6	785
	Lower 95%	196.9	182.5	513.7	551.6	642.3	559.4	476.4	366.1	350
Ohmar	1994	803.9	854.2	1520.4	2091.2	1879.9	1730.4	2191.3	1410.6	1568
	1995		783.8	1790.4	1801.0	1759.5	1739.2	1752.4	1499.7	1373
	1996	1127.2	1368.5	2058.4	2398.0	1455.4	1516.2	1242.4	1426.0	1332
	1997	707.6	1078.2	1440.3	1437.6	1780.4	1761.3	1940.8	1882.1	1195
	1998	684.8		1461.7	1754.0	2061.2	2122.0	1991.6	1698.7	1408
	1999	976.7	923.4	1738.8	1924.4	1550.1	1722.2	1479.3	1641.0	1267
	Mean	860.0	1001.6	1668.3	1901.0	1747.8	1765.2	1766.3	1593.0	1357
	STDEV	188.5	232.3	240.2	325.6	219.8	196.5	351.8	182.7	128
	CV	0.22	0.23	0.14	0.17	0.13	0.11	0.20	0.11	0.0
	Upper 95%	1229.4	1456.8	2139.2	2539.2	2178.5	2150.4	2455.9	1951.1	1609
	Lower 95%	490.6	546.4	1197.4	1262.9	1317.0	1380.1	1076.7	1234.9	1106
Oleander	1994	713.0	716.1	1441.7	2153.7	1417.1	1790.9	1545.7	1952.5	1382
	1995		940.7	1697.2	1847.9	1554.2	1908.4	1985.4	1926.5	1243
	1996	851.2	918.2	1575.4	1948.6	1771.3	1602.3	1720.6	1298.6	1062
	1997	700.0	1023.3	1623.8	1862.5	1507.1	1501.6	2050.5	1466.8	1074
	1998	765.3		1672.1	1761.9	1901.5	1543.3	2069.9	1288.2	1120
	1999	807.0	933.1	1654.4	1551.5	1631.8	1828.0	2047.8	1590.8	1701
	Mean	767.3	906.3	1610.8	1854.4	1630.5	1695.8	1903.3	1587.2	1264
	STDEV	63.4	113.9	92.9	199.4	178.8	168.2	218.3	295.2	245
	CV	0.08	0.13	0.06	0.11	0.11	0.10	0.11	0.19	0.1
	Upper 95%	891.6	1129.6	1792.8	2245.2	1981.0	2025.4	2331.2	2165.9	1746
	Lower 95%	643.0	683.0	1428.7	1463.5	1280.0	1366.1	1475.4	1008.6	782
Olive	1994	1035.1	647.0	1324.7	1867.8	1908.3	1927.3	2053.8	2139.6	1491
	1995		867.2	1695.2	2042.9	2362.0	2534.8	2854.3	2220.5	1420
	1996	1169.4	1200.6	1579.0	2173.4	1979.4	2107.3	2643.9	2071.8	1584
	1997	1080.3	1168.2	2194.4	2373.4	2085.3	2126.8	2030.8	1538.5	1218
	1998	1614.4		1164.9	2311.0	2138.3	1633.1	1838.6	2197.7	1217
	1999	1813.5	1455.0	1493.6	1911.3	2592.5	1735.9	1328.8	1699.9	1115
	Mean	1342.5	1067.6	1575.3	2113.3	2177.6	2010.9	2125.0	1978.0	1341
	STDEV	349.6	314.2	356.5	208.0	256.1	323.3	553.4	287.2	184
	CV	0.26	0.29	0.23	0.10	0.12	0.16	0.26	0.15	0.1
	Upper 95%	2027.8	1683.5	2274.1	2521.0	2679.6	2644.5	3209.6	2541.0	1702
	Lower 95%	657.3	451.7	876.5	1705.6	1675.6	1377.2	1040.4	1415.0	980
Orange	1994	730.0	605.6	1818.0	1753.5	1576.4	1473.7	1919.5	1547.3	966
	1995		557.6	1638.9	1667.1	1550.2	1528.8	1771.7	1819.6	1241
	1996	670.1	879.5	1207.2	1791.7	2061.1	1647.3	1648.1	1361.0	1039

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1997	657.4	824.6	1353.6	1435.3	1552.6	1277.1	1492.6	1016.3	788
	1998	476.7		439.8	1483.9	2105.5	1383.6	1174.8	1892.0	1039
	1999	429.3	977.3	1259.1	1505.7	1421.3	1288.5	833.6	1008.8	1413
	Mean	592.7	768.9	1286.1	1606.2	1711.2	1433.2	1473.4	1440.8	1081
	STDEV	131.5	180.3	476.5	151.1	293.7	144.5	404.3	382.5	218
	CV	0.22	0.23	0.37	0.09	0.17	0.10	0.27	0.27	0.2
	Upper 95%	850.5	1122.4	2220.0	1902.3	2286.8	1716.4	2265.9	2190.6	1509
	Lower 95%	334.9	415.5	352.2	1310.1	1135.6	1150.0	680.9	691.1	653
Orient	1994									
	1995							938.2	637.3	668
	1996	312.0	405.8	596.0	804.7	874.6	608.5	717.2	515.4	488
	1997	277.9	402.4	640.4	724.2	843.1	798.0	633.8	626.3	444
	1998	381.1		522.2	696.2	792.6	766.8	600.5	563.4	405
	1999	338.6	334.0	433.6	677.5	646.5	487.2	398.9	418.7	561
	Mean	327.4	380.7	548.1	725.6	789.2	665.1	657.7	552.2	513
	STDEV	43.6	40.5	90.5	56.1	101.0	144.8	195.6	89.5	104
	CV	0.13	0.11	0.17	0.08	0.13	0.22	0.30	0.16	0.2
	Upper 95%	412.8	460.1	725.6	835.6	987.1	948.8	1041.2	727.6	718

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	Lower 95%	242.0	301.3	370.6	615.7	591.3	381.4	274.3	376.8	308
Orita	1994	832.8	741.9	1423.5	2061.2	1203.3	894.5	1368.6	1181.6	898
	1995		596.9	1519.6	1701.3	1409.8	1409.0	1218.9	1278.8	1197
	1996	725.0	981.3	1412.8	1942.7	1249.0	1240.0	1642.9	1277.0	147
	1997	541.5	1129.9	1350.6	1527.3	1675.8	1671.5	1740.2	1556.3	1077
	1998	679.7		1480.6	1761.2	1409.6	993.8	1788.1	1133.3	1515
	1999	698.6	841.9	1443.0	1731.5	1642.4	1707.3	1195.7	1177.1	1137
	Mean	695.5	858.4	1438.4	1787.5	1431.7	1319.4	1492.4	1267.4	1216
	STDEV	104.5	206.8	58.3	188.7	195.2	339.2	264.4	153.1	237
	CV	0.15	0.24	0.04	0.11	0.14	0.26	0.18	0.12	0.2
	Upper 95%	900.4	1263.7	1552.6	2157.3	1814.2	1984.2	2010.7	1567.4	1681
	Lower 95%	490.7	453.1	1324.1	1417.8	1049.1	654.5	974.1	967.3	751
Osage	1994	710.0	735.1	1523.1	1934.7	968.4	1135.8	962.2	1010.3	865
	1995		870.6	1748.3	1494.3	1071.3	1559.1	1674.5	1635.7	1002
	1996	960.9	1071.9	1761.8	2231.0	1414.3	1732.5	1660.1	1495.4	1087
	1997	424.3	1019.1	1431.8	1457.0	1294.4	1470.1	2144.5	1155.5	1374
	1998	676.7		1484.2	1299.4	1056.5	1127.5	1047.0	1035.2	935
	1999	758.7	793.8	1528.5	1363.1	1327.0	1406.9	1099.3	943.2	1032
	Mean	706.1	898.1	1579.6	1629.9	1188.7	1405.3	1431.3	1212.6	1049
	STDEV	192.3	144.1	140.3	369.6	179.4	238.6	468.6	285.4	176
	CV	0.27	0.16	0.09	0.23	0.15	0.17	0.33	0.24	0.1
	Upper 95%	1083.1	1180.5	1854.6	2354.3	1540.3	1873.0	2349.8	1771.9	1396
	Lower 95%	329.1	615.7	1304.6	905.6	837.0	937.6	512.7	653.2	703
Oxalis	1994	723.4	546.5	1505.0	1866.6	1663.7	1645.3	1783.7	1632.9	1330
	1995		707.9	2058.4	2017.4	1414.9	2118.7	1727.1	1746.2	1285
	1996	511.0	928.5	1481.5	1719.5	1925.7	1848.5	1859.4	1669.6	1400
	1997	491.6	1116.1	1494.9	2186.7	1883.9	1592.4	1910.0	1866.7	1382
	1998	779.2		1491.0	1656.3	2181.1	1752.5	1786.5	1965.1	999
	1999	721.2	1186.9	1546.7	1536.3	1953.3	2099.3	1024.8	1290.8	997
	Mean	645.3	897.2	1596.3	1830.5	1837.1	1842.8	1681.9	1695.2	1232
	STDEV	133.7	270.0	227.5	241.8	264.7	224.4	328.2	233.6	185
	CV	0.21	0.30	0.14	0.13	0.14	0.12	0.20	0.14	0.1
	Upper 95%	907.2	1426.4	2042.2	2304.4	2355.8	2282.6	2325.2	2153.1	1596
	Lower 95%	383.3	367.9	1150.3	1356.5	1318.4	1402.9	1038.6	1237.3	868
Palm	1994									
	1995							1781.9	1553.8	1160
	1996	855.2	891.0	1407.2	1706.8	1732.7	1333.4	1579.3	1299.7	1412
	1997	973.6	966.7	1379.4	1790.7	1493.8	1153.0	1531.5	1098.9	999
	1998	854.9		1363.5	1473.5	1500.2	1245.4	1481.8	1384.1	1124
	1999	996.8	919.3	1237.5	1349.4	1378.8	1357.7	1655.6	1235.6	1195
	Mean	920.1	925.7	1346.9	1580.1	1526.4	1272.4	1606.0	1314.4	1178
	STDEV	75.7	38.2	75.1	204.1	148.4	93.1	117.4	169.6	150
	CV	0.08	0.04	0.06	0.13	0.10	0.07	0.07	0.13	0.1

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	Upper 95%	1068.6	1000.6	1494.2	1980.2	1817.3	1454.8	1836.0	1646.8	1473
	Lower 95%	771.7	850.7	1199.6	1180.0	1235.5	1090.0	1376.0	982.0	883
Palmetto	1994	1207.8	1027.0	2224.5	2415.1	2897.8	2853.9	2700.9	2501.9	2006
	1995		1193.7	2360.3	2384.2	2459.8	2844.6	2750.7	2480.0	1644
	1996	1451.5	1384.8	2375.8	2711.4	2398.4	2254.6	2423.6	2240.9	2068
	1997	1381.8	1444.9	2246.5	2774.2	2382.2	2209.1	2510.8	1803.9	1652
	1998	1249.2		2216.0	2386.5	2694.5	2313.2	2568.7	2198.6	1912
	1999	1396.1	1321.9	2040.3	2260.1	2513.5	2563.5	2849.5	2051.1	1800
	Mean	1337.3	1274.5	2243.9	2488.6	2557.7	2506.5	2634.0	2212.7	1847
	STDEV	103.7	166.8	121.3	205.0	201.0	292.4	160.2	264.3	179
	CV	0.08	0.13	0.05	0.08	0.08	0.12	0.06	0.12	0.1
	Upper 95%	1540.5	1601.3	2481.6	2890.4	2951.7	3079.6	2947.9	2730.8	2198
	Lower 95%	1134.0	947.6	2006.2	2086.8	2163.7	1933.4	2320.1	1694.7	1496
Peach	1994	287.4	203.7	649.0	1076.6	1019.7	1154.4	1102.4	584.7	426
	1995		248.4	931.8	1035.9	926.3	1026.5	1063.3	763.3	743
	1996	327.7	555.3	821.6	1006.5	732.9	724.7	1096.5	596.1	610
	1997	315.9	545.7	714.6	1028.8	902.1	789.8	1121.2	774.1	630

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1998	339.8		619.8	813.7	890.2	787.1	1013.9	623.4	590
	1999	590.4	407.3	587.0	927.0	909.7	797.9	588.4	737.3	683
	Mean	372.2	392.1	720.6	981.4	896.8	880.1	997.6	679.8	614
	STDEV	123.5	163.2	132.7	95.9	92.8	169.9	204.0	87.6	107
	CV	0.33	0.42	0.18	0.10	0.10	0.19	0.20	0.13	0.1
	Upper 95%	614.3	712.0	980.6	1169.4	1078.7	1213.1	1397.4	851.5	824
	Lower 95%	130.2	72.1	460.6	793.4	714.9	547.0	597.8	508.1	403
Pepper	1994	432.6	273.0	692.9						
	1995							906.4	762.0	896
	1996	448.9	413.6	905.4	1150.7	936.1	1027.7	983.1	1034.4	436
	1997	388.6	636.8	824.6	1049.7	855.1	912.3	1223.7	815.2	593
	1998	459.1		844.5	902.6	1133.1	855.6	1093.1	810.4	556
	1999	419.6	574.3	831.0	834.4	1025.3	1010.1	834.1	400.9	761
	Mean	429.8	474.4	819.7	984.3	987.4	951.4	1008.1	764.6	649
	STDEV	27.5	163.9	77.8	142.7	119.4	81.6	154.1	229.0	180
	CV	0.06	0.35	0.09	0.14	0.12	0.09	0.15	0.30	0.2
	Upper 95%	483.7	795.6	972.1	1264.1	1221.5	1111.4	1310.0	1213.4	1003
	Lower 95%	375.8	153.1	667.3	704.6	753.3	791.5	706.1	315.8	294
Pine	1994									
	1995							1593.8	1187.4	1199
	1996	332.3	790.0	1098.4	1247.9	1582.1	1120.0	1207.4	1397.8	760
	1997	361.1	707.0	1055.8	1311.7	1504.3	1288.0	1335.7	1217.0	839
	1998	398.6		1058.3	1108.4	1495.8	1332.4	1222.6	1232.7	948
	1999	580.5	477.5	768.3	908.5	1534.7	1347.2	1033.6	831.3	1100
	Mean	418.1	658.1	995.2	1144.1	1529.2	1271.9	1278.6	1173.3	969
	STDEV	111.6	161.9	152.5	178.6	39.0	104.3	206.7	208.0	181
	CV	0.27	0.25	0.15	0.16	0.03	0.08	0.16	0.18	0.1
	Upper 95%	636.8	975.4	1294.1	1494.1	1605.6	1476.4	1683.7	1580.8	1325
	Lower 95%	199.4	340.9	696.3	794.1	1452.8	1067.4	873.5	765.7	614
Plum	1994	487.6	488.9	717.4	1141.4	842.2	982.6	1007.3	958.2	704
	1995		286.1	1144.7	1084.8	1125.8	1014.0	944.8	897.2	550
	1996	408.2	493.7	962.4	1099.8	1238.2	760.1	1128.6	633.2	355
	1997	293.0	646.5	844.6	1071.5	798.8	906.1	1106.6	810.0	499
	1998	295.2		959.2	1075.6	1001.7	1033.7	1194.4	586.1	673
	1999	416.0	604.8	702.2	801.5	1288.5	1163.3	866.4	897.1	896
	Mean	380.0	504.0	888.4	1045.7	1049.2	976.6	1041.4	797.0	613
	STDEV	84.3	139.9	168.5	122.3	203.3	135.2	123.6	153.3	187
	CV	0.22	0.28	0.19	0.12	0.19	0.14	0.12	0.19	0.3
	Upper 95%	545.2	778.2	1218.7	1285.5	1447.7	1241.6	1283.6	1097.5	981
	Lower 95%	214.8	229.8	558.1	806.0	650.8	711.7	799.1	496.4	245
Pomelo	1994									
	1995							1029.1	1020.9	1016
	1996	446.6	524.9	919.6	968.1	985.8	708.8	906.4	819.3	598

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1997	343.9	685.3	866.3	1000.8	958.9	918.5	1024.3	833.0	412
	1998	569.0		683.3	949.7	962.4	921.1	1153.6	694.8	677
	1999	335.8	429.6	848.3	841.3	773.1	876.0	784.0	500.5	682
	Mean	423.8	546.6	829.4	940.0	920.0	856.1	979.5	773.7	677
	STDEV	109.1	129.2	102.0	69.1	98.7	100.4	139.9	192.1	218
	CV	0.26	0.24	0.12	0.07	0.11	0.12	0.14	0.25	0.3
	Upper 95%	637.7	799.9	1029.2	1075.4	1113.4	1052.8	1253.8	1150.2	1106
	Lower 95%	210.0	293.3	629.5	804.6	726.7	659.4	705.2	397.2	248
Rockwood	1994	151.1	118.8	572.9	668.7	397.8	483.5	413.7	548.8	416
	1995		95.9	545.9	646.0	714.1	534.2	494.5	723.4	306
	1996	249.9	324.7	507.0	806.2	623.5	290.1	230.7	43.2	303
	1997	239.4	312.4	520.0	717.5	299.0	280.6	430.1	481.3	247
	1998	122.2		547.5	409.8	805.1	634.2	550.8	592.3	472
	1999	156.3	297.9	515.5	657.2	719.0	621.5	753.7	458.8	254
	Mean	183.8	229.9	534.8	650.9	593.1	474.0	478.9	474.6	333
	STDEV	57.2	112.6	24.9	132.0	200.5	156.4	172.7	231.4	91.
	CV	0.31	0.49	0.05	0.20	0.34	0.33	0.36	0.49	0.2
	Upper 95%	295.9	450.6	583.6	909.5	986.1	780.6	817.5	928.1	511

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	Lower 95%	71.7	9.2	486.0	392.3	200.1	167.4	140.4	21.1	155
Schali	1994	568.5	262.4	566.9	786.8	784.6	746.3	890.0	356.3	386
	1995		255.9	770.7	727.0	868.0	791.9	842.8	698.8	624
	1996	457.7	457.3	775.9	729.0	937.2	764.6	553.9	348.9	509
	1997	250.1	464.5	799.0	935.5	816.1	730.0	875.9	609.3	463
	1998	152.0		743.3	631.4	709.3	662.4	885.6	733.2	491
	1999	354.5	355.8	380.0	737.3	860.4	823.1	722.8	1010.6	474
	Mean	356.6	359.2	672.6	757.8	829.3	753.1	795.2	626.2	491
	STDEV	164.6	101.0	166.2	100.6	78.3	55.4	133.7	250.8	77.
	CV	0.46	0.28	0.25	0.13	0.09	0.07	0.17	0.40	0.1
	Upper 95%	679.1	557.0	998.3	955.0	982.8	861.6	1057.3	1117.8	643
	Lower 95%	34.0	161.3	346.9	560.7	675.7	644.5	533.1	134.6	339
South Alamo	1994	111.7	213.3	186.5	363.1	208.3	378.4	267.8	313.7	122
	1995		77.8	248.5	280.8	321.9	308.2	291.0	185.4	174
	1996	88.2	142.3	292.7	324.9	295.6	281.4	351.8	254.9	162
	1997	110.7	224.9	236.0	281.2	326.1	337.8	181.7	208.6	153
	1998	111.2		207.8	289.1	317.9	208.3	258.6	190.1	180
	1999	86.8	150.9	167.9	170.8	383.7	198.1	181.3	171.5	193
	Mean	81.7	161.8	223.2	285.0	308.9	285.4	255.4	220.7	164
	STDEV	40.9	59.6	45.3	64.5	57.3	71.4	65.8	54.0	25.
	CV	0.50	0.37	0.20	0.23	0.19	0.25	0.26	0.24	0.1
	Upper 95%	161.8	278.6	312.1	411.3	421.3	425.3	384.3	326.5	213
	Lower 95%	1.6	45.1	134.4	158.6	196.5	145.4	126.4	114.9	115
Standard	1994	643.1	644.4	1748.3	2260.7	1524.9				
	1995									
	1996									
	1997									
	1998									
	1999									
	Mean	643.1	644.4	1748.3	2260.7	1524.9				
	STDEV									
	CV									
Toland	1994			38.7	54.3	52.0	54.6	56.2	58.1	
	1995			55.8	48.0	42.2	45.0	54.4	53.8	
	1996	23.4		49.8	45.2	51.2	29.4	77.0		34.
	1997	22.6	26.2	21.2	48.2	51.2	58.2	60.6		27.
	1998			28.2	45.8	61.3	18.6	84.7	22.9	
	1999		28.8	23.6	18.2			85.0		
	Mean	23.0	27.5	36.2	43.3	51.6	41.2	69.7	44.9	31.
	STDEV	0.6	1.8	14.3	12.7	6.8	16.8	14.2	19.2	5.2
	CV	0.02	0.07	0.39	0.29	0.13	0.41	0.20	0.43	0.1

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	Upper 95%	24.1	31.1	64.3	68.2	64.8	74.1	97.5	82.6	41.
	Lower 95%	21.9	23.9	8.2	18.4	38.3	8.2	41.8	7.3	20.
Township	1994									
	1995							1043.5	861.3	529
	1996	462.5	539.4	1104.9	1032.3	1014.5	890.5	980.4	325.1	776
	1997	442.5	615.6	935.1	1022.3	1026.5	858.8	919.7	322.9	674
	1998	419.4		860.3	944.3	948.5	1048.9	1020.6	874.0	747
	1999	410.4	477.3	864.9	1013.8	1036.1	939.7	912.3	586.3	495
	Mean	433.7	544.1	941.3	1003.2	1006.4	934.5	975.3	593.9	644
	STDEV	23.5	69.3	114.3	40.0	39.6	83.2	58.7	271.9	126
	CV	0.05	0.13	0.12	0.04	0.04	0.09	0.06	0.46	0.2
	Upper 95%	479.7	679.9	1165.3	1081.5	1084.0	1097.6	1090.4	1126.9	893
	Lower 95%	387.7	408.3	717.3	924.8	928.7	771.3	860.2	61.0	396
Vail 1	1994	69.0	72.6	78.4	144.4	207.9	213.1	217.6	212.4	175
	1995		62.3	110.9	161.1	180.6	169.6	209.1	208.1	72.
	1996	64.3	78.2	72.2	174.2	171.7	199.6	99.7	227.3	210
	1997	66.7	246.2	104.1	255.0	284.3			231.5	73.

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1998	114.7		279.4	328.7	42.9			296.5	
	1999	147.8	194.4	323.5	139.0	154.1	19.0		206.1	
	Mean	92.5	130.7	161.4	200.4	173.6	150.3	175.5	230.3	132
	STDEV	37.3	84.0	110.3	75.6	78.7	89.4	65.8	34.0	70.
	CV	0.40	0.64	0.68	0.38	0.45	0.59	0.37	0.15	0.5
	Upper 95%	165.6	295.3	377.7	348.6	327.8	325.6	304.3	297.0	271
	Lower 95%	19.4	-33.9	-54.9	52.2	19.4	-24.9	46.6	163.6	-5.
Vail 2	1994	59.6	23.0	63.2	89.2	88.7	83.5	98.4	88.0	67.
	1995		44.7	83.7	111.5	104.6	89.6	104.6	91.3	54.
	1996	43.7	48.8	100.1	130.6	85.6	65.9	91.3	97.8	46.
	1997	45.2	60.6	95.7	111.5	106.5	76.2	123.0	91.4	32.
	1998	54.6		83.8	108.8	127.8	86.2	125.3	85.7	80.
	1999	43.0	53.2	89.0	101.1	93.3	81.1	114.8	87.6	94.
	Mean	49.2	46.1	85.9	108.8	101.1	80.4	109.6	90.3	62.
	STDEV	7.4	14.2	12.9	13.7	15.5	8.4	13.7	4.3	22.
	CV	0.15	0.31	0.15	0.13	0.15	0.10	0.12	0.05	0.3
	Upper 95%	63.8	73.9	111.2	135.6	131.5	97.0	136.4	98.7	107
	Lower 95%	34.6	18.2	60.6	82.0	70.6	63.9	82.7	81.9	18.
Warren	1994	1266.5	1013.3	2303.2	2852.4	2809.8	2364.1	2775.1	2002.6	2063
	1995		1177.4	2527.8	2736.9	2650.2	2669.6	2750.6	2167.7	1616
	1996	1379.2	1431.2	2466.7	2960.5	2032.1	2054.3	1584.5	2538.0	1542
	1997	1030.9	1297.1	2155.5	2772.4	2974.4	3188.2	2995.9	2523.7	1384
	1998	1277.6		2240.1	2453.1	2893.2	3144.1	3117.8	2237.0	1943
	1999	1563.7	1205.0	2027.4	2293.2	2557.8	2563.9	2192.2	2354.5	1884
	Mean	1303.6	1224.8	2286.8	2678.1	2652.9	2664.0	2569.4	2303.9	1739
	STDEV	193.5	154.3	188.4	253.5	340.6	442.0	577.9	209.5	263
	CV	0.15	0.13	0.08	0.09	0.13	0.17	0.22	0.09	0.1
	Upper 95%	1682.9	1527.2	2656.0	3174.9	3320.6	3530.4	3702.1	2714.6	2255
	Lower 95%	924.3	922.4	1917.6	2181.3	1985.3	1797.6	1436.6	1893.3	1222
Wills	1994	223.2	140.4	421.5	613.9	565.3	545.2	590.3	550.2	498
	1995		209.1	613.6	663.3	475.6	534.2	525.1	424.6	248
	1996	206.9	287.1	519.1	696.9	475.2	588.4	822.7	556.8	531
	1997	202.5	282.3	618.3	612.5	413.7	568.2	775.8	860.4	485
	1998	145.1		398.5	574.7	572.8	594.8	772.0	494.9	435
	1999	66.7	278.8	404.0	444.7	729.6	516.2	639.7	400.7	516
	Mean	168.9	239.5	495.8	601.0	538.7	557.8	687.6	547.9	452
	STDEV	64.3	64.0	102.8	87.7	111.3	31.2	119.4	165.8	105
	CV	0.38	0.27	0.21	0.15	0.21	0.06	0.17	0.30	0.2
	Upper 95%	294.9	365.0	697.3	773.0	756.9	618.9	921.7	872.9	659
	Lower 95%	42.9	114.1	294.3	429.0	320.5	496.7	453.5	223.0	245
Wores	1994	204.4	105.5	369.0	486.3	451.5	465.0	366.0	328.4	138
	1995		150.9	338.9	562.3	383.1	388.2	352.8	407.6	222
	1996	237.9	315.7	299.4	351.0	525.4	386.9	503.7	545.6	254

Table C- 16: Statistical Analysis of Irrigation Deliveries to Minor Drain Areas of Int

Legend: = Value eliminated based on incomplete records = Suspect Value

Canal	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
	1997	178.7	320.0	487.0	480.2	285.4	411.0	428.2	468.9	390
	1998	151.9		400.6	435.9	513.9	501.6	320.8	384.5	426
	1999	82.3	179.1	371.9	324.2	452.8	459.3	540.8	193.2	301
	Mean	171.0	214.2	377.8	440.0	435.4	435.3	418.7	388.0	289
	STDEV	58.9	98.2	63.6	89.5	89.5	46.9	88.2	121.1	107
	CV	0.34	0.46	0.17	0.20	0.21	0.11	0.21	0.31	0.3
	Upper 95%	286.5	406.7	502.4	615.4	610.8	527.3	591.7	625.3	499
	Lower 95%	55.6	21.8	253.2	264.5	259.9	343.4	245.8	150.8	78.

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamo	1994	0.101	0.116	0.080	0.086	0.110	0.109	0.106	0.120	0.132	0.139	0.142	0.123
	1995	0.130	0.123	0.110	0.107	0.115	0.107	0.098	0.110	0.118	0.111	0.107	0.098
	1996	0.104	0.091	0.084	0.088	0.107	0.094	0.089	0.093	0.093	0.109	0.100	0.099
	1997	0.111	0.096	0.084	0.086	0.095	0.089	0.083	0.095	0.103	0.104	0.107	0.092
	1998	0.107	0.105	0.081	0.092	0.094	0.090	0.070	0.088	0.089	0.101	0.108	0.103
	1999	0.088	0.096	0.078	0.097	0.084	0.079	0.074	0.085	0.084			
All-American	1994	0.000	0.000	0.005	0.005	0.006	0.007	0.007	0.006	0.003	0.000	0.000	0.000
	1995	0.000	0.001	0.007	0.006	0.004	0.007	0.006	0.003	0.000	0.000	0.000	0.008
	1996	0.007	0.004	0.004	0.004	0.000	0.000	0.001	0.006	0.003	0.006	0.005	0.005
	1997	0.006	0.003	0.003	0.004	0.005	0.006	0.004	0.002	0.000	0.010	0.000	0.001
	1998	0.006	0.000	0.003	0.003	0.003	0.000	0.000	0.005	0.000	0.006	0.004	0.001
	1999	0.005	0.000	0.004	0.003	0.004	0.004	0.004	0.003	0.007			
Bailey	1994	0.004	0.003	0.002	0.002	0.002	0.001	0.003	0.002	0.004	0.003	0.002	0.003
	1995	0.004	0.002	0.002	0.003	0.002	0.001	0.002	0.004	0.001	0.004	0.003	0.002
	1996	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.002	0.002	0.002
	1997	0.002	0.003	0.002	0.001	0.001	0.001	0.003	0.001	0.003	0.001	0.002	0.003
	1998	0.004	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.004	0.002	0.004	0.003
	1999	0.003	0.003	0.002	0.002	0.002	0.002	0.005	0.003	0.004			
Bryan	1994	0.004	0.007	0.015	0.013	0.014	0.020	0.026	0.023	0.016	0.020	0.014	0.020
	1995	0.014	0.022	0.019	0.018	0.017	0.013	0.014	0.017	0.015	0.011	0.014	0.016
	1996	0.010	0.013	0.016	0.012	0.012	0.016	0.016	0.017	0.016	0.010	0.014	0.010
	1997	0.015	0.012	0.015	0.013	0.016	0.018	0.016	0.017	0.012	0.006	0.009	0.015
	1998	0.011	0.013	0.015	0.014	0.011	0.013	0.013	0.016	0.008	0.010	0.007	0.010
	1999	0.015	0.009	0.014	0.014	0.014	0.015	0.019	0.017	0.013			
C	1994	0.028	0.044	0.034	0.039	0.040	0.039	0.047	0.050	0.050	0.036	0.040	0.046
	1995	0.037	0.051	0.043	0.042	0.043	0.044	0.034	0.048	0.036	0.027	0.031	0.030
	1996	0.029	0.040	0.038	0.036	0.032	0.028	0.032	0.030	0.050	0.028	0.028	0.027
	1997	0.031	0.042	0.036	0.028	0.028	0.027	0.035	0.035	0.033	0.033	0.030	0.034
	1998	0.029	0.044	0.037	0.038	0.036	0.042	0.043	0.042	0.039	0.027	0.034	0.027
	1999	0.028	0.038	0.034	0.033	0.040	0.040	0.035	0.035	0.045			
D	1994	0.005	0.004	0.005	0.005	0.004	0.005	0.004	0.005	0.005	0.005	0.004	0.009
	1995	0.008	0.007	0.006	0.006	0.006	0.004	0.003	0.003	0.005	0.006	0.006	0.007
	1996	0.006	0.005	0.005	0.005	0.004	0.003	0.003	0.002	0.002	0.003	0.006	0.005
	1997	0.007	0.005	0.005	0.005	0.004	0.004	0.005	0.006	0.003	0.005	0.004	0.005
	1998	0.006	0.005	0.006	0.005	0.004	0.004	0.005	0.004	0.006	0.005	0.004	0.005
	1999	0.005	0.004	0.006	0.005	0.005	0.004	0.004	0.007	0.005			
Darling	1994	0.014	0.020	0.023	0.024	0.011	0.013	0.014	0.015	0.018	0.023	0.022	0.011
	1995	0.017	0.017	0.018	0.019	0.019	0.022	0.015	0.018	0.016	0.019	0.012	0.009

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1996	0.015	0.015	0.016	0.020	0.012	0.016	0.017	0.015	0.014	0.017	0.014	0.013
	1997	0.013	0.011	0.014	0.015	0.016	0.020	0.019	0.019	0.014	0.012	0.013	0.010
	1998	0.010	0.015	0.014	0.018	0.016	0.013	0.022	0.012	0.015	0.012	0.013	0.013
	1999	0.013	0.013	0.018	0.013	0.017	0.020	0.010	0.015	0.012			
E	1994	0.026	0.024	0.023	0.026	0.031	0.032	0.032	0.038	0.037	0.024	0.030	0.033
	1995	0.031	0.043	0.027	0.030	0.034	0.036	0.028	0.033	0.031	0.026	0.023	0.032
	1996	0.023	0.033	0.026	0.026	0.026	0.030	0.027	0.035	0.024	0.029	0.024	0.027
	1997	0.025	0.025	0.029	0.026	0.027	0.022	0.026	0.028	0.025	0.027	0.027	0.026
	1998	0.024	0.030	0.025	0.026	0.035	0.029	0.026	0.029	0.029	0.036	0.023	0.025
	1999	0.024	0.023	0.026	0.030	0.031	0.033	0.032	0.029	0.025			
G	1994	0.040	0.038	0.032	0.045	0.045	0.049	0.049	0.048	0.035	0.043	0.043	0.047
	1995	0.050	0.058	0.049	0.050	0.057	0.053	0.056	0.056	0.038	0.051	0.046	0.048
	1996	0.045	0.042	0.047	0.043	0.050	0.051	0.051	0.042	0.042	0.037	0.033	0.053
	1997	0.043	0.042	0.044	0.045	0.036	0.041	0.048	0.045	0.050	0.034	0.035	0.048
	1998	0.037	0.010	0.042	0.045	0.048	0.043	0.050	0.044	0.048	0.040	0.043	0.042
	1999	0.031	0.032	0.039	0.045	0.040	0.034	0.034	0.035	0.027			
Graeser	1994	0.004	0.002	0.004	0.003	0.004	0.005	0.006	0.005	0.001	0.002	0.003	0.005

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1995	0.003	0.006	0.004	0.006	0.001	0.005	0.003	0.002	0.007
	1996	0.003	0.004	0.004	0.002	0.003	0.005	0.003	0.004	0.003
	1997	0.001	0.005	0.004	0.005	0.002	0.005	0.004	0.002	0.005
	1998	0.005	0.005	0.004	0.003	0.004	0.004	0.004	0.004	0.004
	1999	0.001	0.005	0.004	0.002	0.004	0.004	0.005	0.004	0.004
I	1994	0.026	0.036	0.033	0.030	0.031	0.033	0.026	0.034	0.045
	1995	0.038	0.041	0.051	0.048	0.044	0.049	0.049	0.043	0.040
	1996	0.034	0.042	0.036	0.037	0.031	0.028	0.032	0.023	0.040
	1997	0.037	0.034	0.044	0.037	0.037	0.035	0.031	0.034	0.039
	1998	0.027	0.040	0.033	0.028	0.028	0.036	0.041	0.036	0.033
	1999	0.027	0.041	0.037	0.031	0.034	0.033	0.033	0.027	0.031
J	1994	0.015	0.029	0.016	0.016	0.017	0.021	0.023	0.017	0.020
	1995	0.024	0.026	0.022	0.028	0.026	0.023	0.023	0.025	0.027
	1996	0.022	0.021	0.023	0.020	0.021	0.023	0.024	0.021	0.025
	1997	0.022	0.019	0.029	0.026	0.025	0.022	0.022	0.026	0.019
	1998	0.017	0.023	0.023	0.021	0.017	0.021	0.021	0.028	0.026
	1999	0.017	0.022	0.022	0.022	0.024	0.024	0.024	0.022	0.023
Jones	1994	0.002	0.002	0.001	0.002	0.000	0.002	0.001	0.001	0.002
	1995	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001
	1996	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001
	1997	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1998	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001
	1999	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.002
K	1994	0.012	0.014	0.016	0.019	0.018	0.018	0.019	0.023	0.027
	1995	0.013	0.026	0.020	0.021	0.019	0.014	0.019	0.019	0.022
	1996	0.009	0.021	0.022	0.020	0.018	0.024	0.017	0.028	0.022
	1997	0.009	0.029	0.023	0.027	0.027	0.016	0.031	0.036	0.028
	1998	0.013	0.023	0.027	0.023	0.021	0.020	0.028	0.028	0.027
	1999	0.008	0.020	0.025	0.025	0.027	0.026	0.022	0.028	0.023
L	1994	0.022	0.025	0.019	0.020	0.020	0.013	0.018	0.016	0.018
	1995	0.023	0.030	0.021	0.022	0.026	0.019	0.020	0.018	0.025
	1996	0.018	0.023	0.019	0.017	0.014	0.015	0.013	0.019	0.017
	1997	0.015	0.019	0.019	0.017	0.021	0.018	0.021	0.023	0.020
	1998	0.019	0.023	0.016	0.018	0.022	0.020	0.022	0.021	0.019
	1999	0.017	0.016	0.022	0.019	0.022	0.019	0.024	0.022	0.019
Lewis	1994	0.010	0.003	0.006	0.005	0.004	0.007	0.006	0.007	0.005
	1995	0.010	0.012	0.010	0.009	0.005	0.005	0.004	0.006	0.006
	1996	0.006	0.003	0.006	0.005	0.005	0.006	0.005	0.004	0.006
	1997	0.005	0.005	0.006	0.005	0.006	0.006	0.004	0.002	0.005
	1998	0.008	0.006	0.005	0.005	0.007	0.008	0.004	0.006	0.003

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1999	0.010	0.006	0.008	0.008	0.004	0.002	0.006	0.003	0.006
M	1994	0.010	0.015	0.014	0.014	0.015	0.014	0.012	0.018	0.014
	1995	0.016	0.020	0.016	0.015	0.016	0.016	0.014	0.017	0.015
	1996	0.011	0.015	0.015	0.012	0.014	0.017	0.018	0.017	0.010
	1997	0.012	0.015	0.014	0.015	0.014	0.016	0.013	0.019	0.014
	1998	0.017	0.016	0.014	0.013	0.013	0.017	0.016	0.016	0.012
	1999	0.013	0.014	0.015	0.013	0.013	0.014	0.016	0.018	0.016
Magnolia	1994	0.010	0.008	0.011	0.012	0.013	0.013	0.016	0.017	0.018
	1995	0.014	0.014	0.014	0.014	0.012	0.015	0.012	0.012	0.008
	1996	0.011	0.014	0.010	0.010	0.011	0.008	0.012	0.013	0.009
	1997	0.009	0.008	0.010	0.008	0.012	0.011	0.012	0.014	0.012
	1998	0.010	0.011	0.011	0.010	0.010	0.011	0.009	0.009	0.008
	1999	0.012	0.011	0.011	0.009	0.009	0.010	0.009	0.014	0.009
Malva	1994	0.013	0.017	0.013	0.016	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.018	0.018	0.017	0.017	0.016	0.012	0.013	0.011	0.021
	1997	0.020	0.015	0.018	0.017	0.021	0.018	0.014	0.015	0.015

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1998	0.017	0.003	0.016	0.016	0.011	0.014	0.016	0.012	0.021
	1999	0.018	0.016	0.017	0.014	0.012	0.015	0.015	0.019	0.021
Maple	1994	0.020	0.028	0.023	0.022	0.015	0.022	0.027	0.019	0.024
	1995	0.005	0.020	0.025	0.026	0.021	0.023	0.026	0.021	0.021
	1996	0.022	0.019	0.021	0.021	0.019	0.016	0.016	0.017	0.012
	1997	0.020	0.022	0.020	0.021	0.014	0.018	0.016	0.014	0.014
	1998	0.018	0.004	0.023	0.021	0.020	0.019	0.022	0.020	0.025
	1999	0.026	0.018	0.023	0.024	0.019	0.017	0.025	0.015	0.023
Marigold	1994	0.016	0.010	0.021	0.018	0.017	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mayflower	1994	0.019	0.017	0.022	0.019	0.023	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mesquite	1994	0.060	0.055	0.072	0.070	0.069	0.073	0.083	0.088	0.093
	1995	0.077	0.067	0.081	0.078	0.082	0.085	0.071	0.071	0.083
	1996	0.063	0.049	0.062	0.070	0.060	0.068	0.067	0.068	0.071
	1997	0.060	0.065	0.064	0.066	0.066	0.068	0.068	0.072	0.060
	1998	0.053	0.063	0.072	0.066	0.065	0.057	0.061	0.059	0.058
	1999	0.064	0.069	0.065	0.062	0.070	0.064	0.072	0.067	0.062
Moorehead	1994	0.004	0.004	0.002	0.004	0.001	0.001	0.004	0.005	0.004
	1995	0.003	0.004	0.002	0.004	0.003	0.002	0.003	0.003	0.003
	1996	0.002	0.003	0.002	0.002	0.001	0.002	0.001	0.003	0.002
	1997	0.001	0.001	0.002	0.001	0.002	0.004	0.003	0.004	0.003
	1998	0.002	0.003	0.001	0.002	0.003	0.004	0.005	0.005	0.005
	1999	0.002	0.002	0.002	0.002	0.003	0.004	0.004	0.005	0.005
Moss	1994	0.012	0.015	0.013	0.012	0.016	0.018	0.017	0.018	0.016
	1995	0.018	0.022	0.022	0.016	0.017	0.015	0.017	0.017	0.006
	1996	0.012	0.018	0.015	0.016	0.012	0.014	0.015	0.017	0.012
	1997	0.013	0.013	0.015	0.015	0.010	0.014	0.014	0.014	0.012
	1998	0.018	0.018	0.014	0.016	0.011	0.010	0.014	0.013	0.016
	1999	0.015	0.019	0.017	0.015	0.014	0.015	0.015	0.016	0.017
Mulberry	1994	0.021	0.018	0.023	0.021	0.024	0.031	0.000	0.000	0.000

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.023	0.027	0.025	0.021	0.021	0.022	0.024	0.018	0.028
	1997	0.025	0.026	0.025	0.023	0.021	0.019	0.021	0.019	0.031
	1998	0.024	0.026	0.024	0.022	0.019	0.026	0.019	0.024	0.030
	1999	0.027	0.022	0.023	0.023	0.020	0.025	0.027	0.021	0.026
Mullen	1994	0.022	0.017	0.020	0.019	0.020	0.027	0.026	0.019	0.019
	1995	0.022	0.018	0.022	0.027	0.024	0.023	0.022	0.017	0.021
	1996	0.017	0.020	0.017	0.018	0.015	0.022	0.024	0.019	0.020
	1997	0.018	0.019	0.020	0.021	0.019	0.022	0.018	0.023	0.024
	1998	0.016	0.020	0.019	0.018	0.020	0.021	0.024	0.022	0.015
	1999	0.013	0.022	0.021	0.019	0.020	0.021	0.020	0.023	0.018
Munyon	1994	0.020	0.018	0.017	0.019	0.014	0.016	0.020	0.016	0.023
	1995	0.023	0.022	0.020	0.020	0.017	0.018	0.018	0.013	0.016
	1996	0.017	0.015	0.016	0.017	0.011	0.017	0.016	0.015	0.019
	1997	0.019	0.016	0.016	0.018	0.016	0.016	0.016	0.013	0.016
	1998	0.018	0.016	0.016	0.017	0.014	0.018	0.016	0.019	0.011
	1999	0.017	0.009	0.017	0.014	0.012	0.018	0.019	0.019	0.015

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Myrtle	1994	0.015	0.011	0.014	0.011	0.015	0.015	0.025	0.018	0.015
	1995	0.019	0.014	0.018	0.018	0.021	0.021	0.016	0.016	0.016
	1996	0.012	0.016	0.013	0.011	0.017	0.014	0.018	0.016	0.014
	1997	0.016	0.014	0.015	0.015	0.015	0.013	0.016	0.015	0.016
	1998	0.016	0.014	0.016	0.014	0.014	0.016	0.014	0.014	0.012
	1999	0.015	0.013	0.016	0.015	0.012	0.017	0.014	0.016	0.016
N	1994	0.014	0.012	0.011	0.012	0.014	0.012	0.019	0.020	0.019
	1995	0.017	0.017	0.019	0.020	0.021	0.015	0.014	0.020	0.018
	1996	0.012	0.010	0.014	0.015	0.014	0.011	0.014	0.017	0.013
	1997	0.012	0.012	0.016	0.017	0.015	0.014	0.012	0.015	0.011
	1998	0.015	0.012	0.014	0.014	0.012	0.009	0.012	0.015	0.016
	1999	0.013	0.011	0.014	0.018	0.013	0.015	0.014	0.009	0.011
Narcissus	1994	0.009	0.017	0.022	0.018	0.022	0.026	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nectarine	1994	0.019	0.016	0.023	0.020	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.031	0.019	0.023	0.020	0.012	0.021	0.024	0.015	0.016
	1997	0.022	0.024	0.021	0.019	0.014	0.017	0.017	0.014	0.024
	1998	0.024	0.023	0.023	0.020	0.016	0.016	0.023	0.017	0.028
	1999	0.025	0.022	0.022	0.020	0.021	0.024	0.022	0.026	0.021
Nettle	1994	0.021	0.023	0.026	0.024	0.025	0.027	0.027	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.017	0.025	0.023	0.024	0.020	0.017	0.021	0.013	0.016
	1997	0.020	0.021	0.024	0.022	0.016	0.017	0.021	0.018	0.026
	1998	0.019	0.024	0.025	0.022	0.018	0.025	0.020	0.024	0.023
	1999	0.019	0.018	0.024	0.025	0.019	0.017	0.022	0.025	0.025
Ninth St.	1994	0.002	0.005	0.004	0.004	0.002	0.002	0.001	0.004	0.000
	1995	0.003	0.004	0.003	0.005	0.004	0.005	0.003	0.003	0.002
	1996	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.005	0.003
	1997	0.004	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002
	1998	0.003	0.003	0.002	0.004	0.003	0.002	0.003	0.001	0.004
	1999	0.003	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.003
Nutmeg	1994	0.029	0.015	0.022	0.021	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.018	0.022	0.021	0.024	0.022	0.020	0.018	0.017	0.024
	1997	0.018	0.024	0.022	0.021	0.022	0.014	0.020	0.015	0.018

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1998	0.024	0.024	0.025	0.024	0.022	0.027	0.027	0.024	0.029
	1999	0.024	0.024	0.025	0.020	0.021	0.023	0.021	0.029	0.030
Oak	1994	0.020	0.016	0.013	0.015	0.018	0.018	0.017	0.019	0.015
	1995	0.023	0.025	0.023	0.021	0.018	0.019	0.017	0.014	0.014
	1996	0.018	0.016	0.016	0.016	0.012	0.019	0.015	0.022	0.015
	1997	0.016	0.014	0.014	0.015	0.011	0.019	0.018	0.017	0.019
	1998	0.017	0.018	0.016	0.014	0.014	0.017	0.017	0.016	0.018
	1999	0.021	0.016	0.017	0.014	0.010	0.017	0.018	0.012	0.014
Oasis	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.006	0.000
	1996	0.011	0.005	0.008	0.007	0.008	0.009	0.007	0.005	0.007
	1997	0.007	0.007	0.007	0.006	0.008	0.009	0.008	0.007	0.007
	1998	0.006	0.007	0.007	0.008	0.007	0.007	0.005	0.004	0.007
	1999	0.010	0.006	0.007	0.007	0.007	0.005	0.005	0.005	0.007
Oat	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.008
	1996	0.004	0.008	0.006	0.007	0.009	0.007	0.007	0.006	0.007

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1997	0.004	0.008	0.007	0.008	0.009	0.007	0.007	0.006	0.009
	1998	0.008	0.000	0.007	0.007	0.009	0.008	0.007	0.006	0.007
	1999	0.006	0.007	0.008	0.007	0.007	0.007	0.008	0.006	0.008
Occident	1994	0.007	0.009	0.008	0.008	0.012	0.013	0.012	0.012	0.014
	1995	0.011	0.008	0.011	0.008	0.012	0.012	0.010	0.009	0.011
	1996	0.009	0.006	0.008	0.007	0.009	0.008	0.008	0.009	0.006
	1997	0.009	0.006	0.007	0.009	0.009	0.010	0.008	0.011	0.009
	1998	0.008	0.007	0.009	0.008	0.009	0.009	0.008	0.006	0.007
	1999	0.010	0.007	0.007	0.008	0.008	0.008	0.006	0.007	0.010
Ohmar	1994	0.023	0.025	0.021	0.022	0.026	0.025	0.030	0.023	0.031
	1995	0.029	0.024	0.026	0.025	0.026	0.025	0.021	0.020	0.024
	1996	0.027	0.026	0.025	0.024	0.018	0.019	0.014	0.019	0.021
	1997	0.020	0.020	0.018	0.015	0.021	0.022	0.021	0.024	0.020
	1998	0.018	0.024	0.019	0.020	0.023	0.020	0.021	0.021	0.021
	1999	0.025	0.021	0.022	0.023	0.018	0.020	0.018	0.022	0.020
Oleander	1994	0.020	0.028	0.022	0.023	0.019	0.026	0.021	0.032	0.027
	1995	0.026	0.029	0.025	0.025	0.023	0.027	0.024	0.025	0.022
	1996	0.021	0.018	0.019	0.020	0.021	0.020	0.020	0.018	0.017
	1997	0.020	0.019	0.020	0.020	0.018	0.019	0.022	0.019	0.018
	1998	0.021	0.023	0.021	0.020	0.021	0.019	0.022	0.016	0.017
	1999	0.021	0.021	0.021	0.018	0.019	0.021	0.025	0.022	0.018
Olive	1994	0.030	0.019	0.018	0.020	0.026	0.027	0.028	0.035	0.029
	1995	0.046	0.026	0.025	0.028	0.035	0.036	0.034	0.029	0.025
	1996	0.028	0.023	0.019	0.022	0.024	0.027	0.031	0.028	0.025
	1997	0.031	0.022	0.018	0.025	0.025	0.027	0.021	0.020	0.021
	1998	0.043	0.025	0.015	0.026	0.024	0.020	0.019	0.027	0.018
	1999	0.046	0.032	0.019	0.023	0.029	0.020	0.016	0.023	0.017
Orange	1994	0.021	0.018	0.025	0.019	0.021	0.021	0.026	0.025	0.019
	1995	0.020	0.017	0.024	0.023	0.023	0.022	0.021	0.024	0.022
	1996	0.016	0.017	0.014	0.018	0.025	0.021	0.019	0.018	0.016
	1997	0.019	0.015	0.017	0.015	0.019	0.016	0.016	0.013	0.013
	1998	0.013	0.018	0.019	0.017	0.024	0.017	0.012	0.023	0.015
	1999	0.011	0.022	0.016	0.018	0.016	0.015	0.010	0.014	0.022
Orient	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.008	0.012
	1996	0.008	0.008	0.007	0.008	0.011	0.008	0.008	0.007	0.008
	1997	0.008	0.007	0.008	0.008	0.010	0.010	0.007	0.008	0.008
	1998	0.010	0.000	0.007	0.008	0.009	0.009	0.006	0.007	0.006
	1999	0.009	0.007	0.006	0.008	0.007	0.006	0.005	0.006	0.009

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Orita	1994	0.024	0.022	0.019	0.022	0.016	0.013	0.019	0.019	0.018
	1995	0.024	0.018	0.022	0.023	0.021	0.020	0.014	0.017	0.021
	1996	0.018	0.019	0.017	0.020	0.015	0.016	0.019	0.017	0.023
	1997	0.016	0.021	0.017	0.016	0.020	0.021	0.018	0.015	0.018
	1998	0.018	0.020	0.019	0.020	0.016	0.012	0.019	0.014	0.023
	1999	0.018	0.019	0.019	0.021	0.019	0.020	0.014	0.016	0.018
Osage	1994	0.020	0.022	0.021	0.020	0.013	0.016	0.013	0.017	0.017
	1995	0.024	0.027	0.026	0.020	0.016	0.022	0.020	0.021	0.018
	1996	0.023	0.021	0.021	0.023	0.017	0.022	0.019	0.020	0.017
	1997	0.012	0.019	0.018	0.015	0.015	0.019	0.023	0.015	0.016
	1998	0.018	0.021	0.019	0.015	0.012	0.014	0.011	0.013	0.014
	1999	0.019	0.018	0.020	0.016	0.015	0.016	0.013	0.013	0.016
Oxalis	1994	0.021	0.016	0.020	0.020	0.023	0.023	0.024	0.027	0.026
	1995	0.022	0.022	0.022	0.028	0.021	0.030	0.021	0.023	0.023
	1996	0.012	0.018	0.018	0.017	0.023	0.024	0.022	0.023	0.022
	1997	0.014	0.021	0.018	0.023	0.022	0.020	0.020	0.024	0.023
	1998	0.021	0.021	0.019	0.019	0.025	0.021	0.019	0.024	0.015
	1999	0.018	0.026	0.020	0.018	0.022	0.024	0.022	0.024	0.016

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Palm	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.020	0.021
	1996	0.021	0.017	0.017	0.017	0.021	0.017	0.018	0.018	0.022
	1997	0.028	0.018	0.017	0.019	0.018	0.015	0.016	0.014	0.017
	1998	0.023	0.022	0.017	0.017	0.017	0.015	0.016	0.017	0.017
	1999	0.025	0.020	0.016	0.016	0.016	0.016	0.020	0.017	0.019
Palmetto	1994	0.035	0.030	0.030	0.025	0.039	0.041	0.037	0.041	0.040
	1995	0.046	0.036	0.035	0.033	0.036	0.040	0.033	0.033	0.029
	1996	0.035	0.027	0.028	0.027	0.029	0.029	0.028	0.030	0.033
	1997	0.040	0.027	0.028	0.029	0.028	0.028	0.027	0.023	0.028
	1998	0.033	0.030	0.028	0.027	0.030	0.028	0.027	0.027	0.028
	1999	0.036	0.029	0.026	0.027	0.029	0.030	0.034	0.028	0.028
Peach	1994	0.008	0.006	0.009	0.011	0.014	0.016	0.015	0.010	0.013
	1995	0.011	0.008	0.014	0.014	0.014	0.015	0.013	0.010	0.013
	1996	0.008	0.011	0.010	0.010	0.011	0.009	0.013	0.008	0.010
	1997	0.009	0.010	0.009	0.011	0.011	0.010	0.012	0.010	0.011
	1998	0.009	0.009	0.008	0.012	0.010	0.009	0.011	0.008	0.009
	1999	0.008	0.009	0.008	0.011	0.010	0.009	0.013	0.010	0.011
Pepper	1994	0.012	0.008	0.011	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.010	0.016
	1996	0.011	0.008	0.011	0.012	0.011	0.013	0.011	0.014	0.007
	1997	0.011	0.012	0.010	0.011	0.010	0.012	0.013	0.010	0.010
	1998	0.012	0.011	0.011	0.010	0.013	0.010	0.012	0.010	0.008
	1999	0.011	0.013	0.011	0.010	0.012	0.012	0.010	0.005	0.012
Pine	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.016	0.021
	1996	0.008	0.015	0.013	0.013	0.019	0.014	0.014	0.019	0.012
	1997	0.010	0.013	0.013	0.014	0.018	0.016	0.014	0.016	0.014
	1998	0.011	0.016	0.013	0.013	0.017	0.016	0.013	0.015	0.014
	1999	0.015	0.011	0.010	0.011	0.017	0.016	0.013	0.017	0.017
Plum	1994	0.014	0.014	0.010	0.012	0.011	0.014	0.014	0.016	0.014
	1995	0.013	0.009	0.017	0.015	0.017	0.014	0.011	0.012	0.010
	1996	0.010	0.009	0.012	0.011	0.015	0.010	0.013	0.009	0.006
	1997	0.008	0.012	0.010	0.011	0.010	0.011	0.012	0.010	0.008
	1998	0.008	0.012	0.012	0.012	0.011	0.012	0.013	0.007	0.010
	1999	0.011	0.013	0.009	0.013	0.015	0.014	0.010	0.012	0.014
Pomelo	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.013	0.018
	1996	0.011	0.010	0.011	0.010	0.012	0.009	0.011	0.011	0.009

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1997	0.010	0.013	0.011	0.011	0.011	0.012	0.011	0.011	0.007
	1998	0.015	0.013	0.009	0.011	0.011	0.011	0.012	0.008	0.010
	1999	0.009	0.010	0.011	0.010	0.009	0.010	0.009	0.007	0.011
Rockwood	1994	0.004	0.004	0.008	0.007	0.005	0.007	0.006	0.009	0.008
	1995	0.006	0.003	0.008	0.009	0.011	0.008	0.006	0.009	0.005
	1996	0.006	0.006	0.006	0.008	0.008	0.004	0.003	0.008	0.005
	1997	0.007	0.006	0.006	0.008	0.004	0.004	0.005	0.006	0.004
	1998	0.003	0.005	0.007	0.008	0.009	0.008	0.006	0.007	0.007
	1999	0.004	0.007	0.007	0.008	0.008	0.007	0.009	0.006	0.004
Schali	1994	0.016	0.008	0.008	0.008	0.011	0.011	0.012	0.006	0.008
	1995	0.012	0.008	0.011	0.010	0.013	0.011	0.010	0.009	0.011
	1996	0.011	0.009	0.009	0.007	0.011	0.010	0.010	0.005	0.008
	1997	0.007	0.009	0.010	0.008	0.010	0.009	0.009	0.008	0.008
	1998	0.004	0.009	0.009	0.007	0.008	0.008	0.009	0.009	0.007
	1999	0.009	0.008	0.009	0.009	0.010	0.010	0.009	0.014	0.007
South Alamo	1994	0.003	0.006	0.003	0.004	0.004	0.005	0.004	0.003	0.002
	1995	0.003	0.002	0.004	0.004	0.005	0.004	0.003	0.002	0.003

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	1996	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.003	0.003
	1997	0.003	0.004	0.003	0.003	0.004	0.004	0.002	0.003	0.003
	1998	0.003	0.004	0.003	0.003	0.004	0.003	0.003	0.002	0.003
	1999	0.002	0.003	0.002	0.004	0.004	0.002	0.002	0.002	0.003
Standard	1994	0.018	0.019	0.024	0.024	0.021	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Toland	1994	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1995	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1996	0.001	0.001	0.001	0.000	0.001	0.000	0.001	0.001	0.001
	1997	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000
	1998	0.001	0.001	0.000	0.001	0.001	0.000	0.001	0.000	0.000
	1999	0.001	0.001	0.000	0.001	0.001	0.000	0.001	0.001	0.000
Township	1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1995	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.011	0.009
	1996	0.011	0.010	0.013	0.010	0.012	0.011	0.011	0.004	0.012
	1997	0.013	0.011	0.011	0.011	0.012	0.011	0.010	0.004	0.011
	1998	0.011	0.013	0.011	0.011	0.011	0.013	0.011	0.011	0.011
	1999	0.010	0.011	0.011	0.012	0.012	0.011	0.011	0.008	0.008
Vail 1	1994	0.002	0.002	0.001	0.002	0.003	0.003	0.003	0.003	0.003
	1995	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.003	0.001
	1996	0.002	0.001	0.001	0.002	0.002	0.003	0.001	0.003	0.003
	1997	0.002	0.005	0.001	0.003	0.003	0.002	0.002	0.003	0.001
	1998	0.003	0.003	0.004	0.004	0.000	0.002	0.002	0.003	0.002
	1999	0.004	0.004	0.004	0.002	0.002	0.000	0.002	0.003	0.002
Vail 2	1994	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1995	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001
	1996	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1997	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1998	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	1999	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Warren	1994	0.036	0.030	0.031	0.030	0.038	0.034	0.038	0.033	0.041
	1995	0.044	0.036	0.037	0.037	0.039	0.038	0.033	0.028	0.029
	1996	0.033	0.027	0.029	0.030	0.034	0.026	0.018	0.034	0.024
	1997	0.030	0.024	0.026	0.029	0.035	0.040	0.032	0.032	0.023
	1998	0.034	0.029	0.029	0.028	0.033	0.038	0.033	0.027	0.029
	1999	0.040	0.027	0.026	0.027	0.029	0.030	0.027	0.032	0.030

Table C- 17: Irrigation Delivery Ratios

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Wills	1994	0.006	0.004	0.006	0.006	0.008	0.008	0.008	0.009	0.010
	1995	0.006	0.006	0.009	0.009	0.007	0.008	0.006	0.006	0.009
	1996	0.005	0.005	0.006	0.007	0.006	0.008	0.010	0.008	0.008
	1997	0.006	0.005	0.008	0.006	0.005	0.007	0.008	0.006	0.008
	1998	0.004	0.006	0.005	0.007	0.006	0.007	0.008	0.006	0.006
	1999	0.002	0.006	0.005	0.008	0.008	0.006	0.008	0.005	0.008
Wores	1994	0.006	0.003	0.005	0.005	0.006	0.007	0.005	0.005	0.003
	1995	0.006	0.005	0.005	0.008	0.006	0.005	0.004	0.005	0.004
	1996	0.006	0.006	0.004	0.004	0.006	0.005	0.006	0.007	0.004
	1997	0.005	0.006	0.006	0.005	0.003	0.005	0.005	0.006	0.007
	1998	0.004	0.005	0.005	0.005	0.006	0.006	0.003	0.005	0.006
	1999	0.002	0.004	0.005	0.004	0.005	0.005	0.007	0.003	0.005