# 314858082573901 Local number 22N001

Floridan aquifer system
Upper Floridan aquifer

Telfair County, GA

LOCATION.--Lat 31°48′55″, long 82°57′43″ referenced to North American Datum of 1927, Telfair County, Hydrologic Unit 03070104.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 415 ft. Upper casing diameter 4 in; top of first opening 270 ft, bottom of last opening 415 ft.

WELL USE.--Withdrawal well.

DATUM.--Land-surface datum is 243 ft above National Geodetic Vertical Datum of 1929. Measuring point: undefined.

PERIOD OF RECORD.--May 1966, May 1990, and August 2005.

REMARKS.--Samples were collected from ground-water wells by the National Water Quality Assessment (NAWQA) program while pumping using a submersible positive-pressure pump. Laboratory chemical analyses are by the U.S. Geological Survey, National Water Quality Laboratory. Field determinations of specific conductance, pH, water temperature, turbidity, dissolved oxygen, and alkalinity are by the U.S. Geological Survey.

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 1 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Time | Depth to water level, feet below LSD (72019) | Pump or flow period prior to sampling, minutes (72004) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif. conductance, wat unf uS/cm 25 degC (00095) | Temperature, water, deg C (00010) | Calcium water, fltrd, mg/L (00915) | Magnesium, water, fltrd, mg/L (00925) | Potassium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) | Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | 1400 | 88.55 | 55 | 751 | .1 | 7.6 | 234 | 22.4 | 25.2 | 12.4 | 1.04 | 3.53 | 113 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 2 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Bromide water, fltrd, mg/L (71870) | Chloride, water, fltrd, mg/L (00940) | Fluoride, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrite + nitrate water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Total nitrogen, wat flt by analysis, mg/L (62854) | Orthophosphate, water, fltrd, mg/L as P (00671) | Organic carbon, water, fltrd, mg/L (00681) | Aluminum, water, fltrd, ug/L (01106) | Antimony, water, fltrd, ug/L (01095) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | .14 | 2.78 | .3 | 20.1 | 1.3 | .04 | <.06 | <.008 | <.06 | <.006 | <.3 | <2 | <.20 |

**314858082573901 Local number 22N001—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 3 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Arsenic water, fltrd, ug/L (01000) | Barium, water, fltrd, ug/L (01005) | Beryll-ium, water, fltrd, ug/L (01010) | Boron, water, fltrd, ug/L (01020) | Cadmium water, fltrd, ug/L (01025) | Chrom-ium, water, fltrd, ug/L (01030) | Cobalt water, fltrd, ug/L (01035) | Copper, water, fltrd, ug/L (01040) | Lead, water, fltrd, ug/L (01049) | Lithium water, fltrd, ug/L (01130) | Mangan-ese, water, fltrd, ug/L (01056) | Molyb-denum, water, fltrd, ug/L (01060) | Nickel, water, fltrd, ug/L (01065) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | .8 | 100 | <.06 | 11 | <.04 | <.8 | .050 | <.4 | <.08 | 4.3 | 22.0 | .6 | 1.10 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 4 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Selen-ium, water, fltrd, ug/L (01145) | Silver, water, fltrd, ug/L (01075) | Stront-ium, water, fltrd, ug/L (01080) | Thall-ium, water, fltrd, ug/L (01057) | Vanad-ium, water, fltrd, ug/L (01085) | Zinc, water, fltrd, ug/L (01090) | 1-Naph-thol, water, fltrd 0.7u GF ug/L (49295) | 2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt ug/L (61618) | CIAT, water, fltrd, ug/L (04040) | 2-Ethyl -6-methyl-aniline water, fltrd, ug/L (61620) | 3,4-Di-chloro-aniline water fltrd, ug/L (61625) | 3,5-Di-chloro-aniline water, fltrd, ug/L (61627) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | <.4 | <.2 | 443 | <.04 | <.1 | .8 | <.09 | <.006 | <.005 | <.006 | <.004 | <.004 | <.004 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 5 of 17
[Remark codes: <, less than; E, estimated.]

| Date | 4Chloro 2methyl phenol, water, fltrd, ug/L (61633) | Aceto-chlor, water, fltrd, ug/L (49260) | Ala-chlor, water, fltrd, ug/L (46342) | alpha-Endo-sulfan, water, fltrd, ug/L (34362) | Atra-zine, water, fltrd, ug/L (39632) | Azin-phos-methyl oxon, water, fltrd, ug/L (61635) | Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686) | Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673) | Car-baryl, water, fltrd 0.7u GF ug/L (82680) | Carbo-furan, water, fltrd 0.7u GF ug/L (82674) | Chlor-pyrifos oxon, water, fltrd, ug/L (61636) | Chlor-pyrifos water, fltrd, ug/L (38933) | cis-Per-methrin water fltrd 0.7u GF ug/L (82687) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | <.006 | <.006 | <.005 | <.005 | <.007 | <.07 | <.050 | <.010 | <.041 | <.020 | <.06 | <.005 | <.006 |

**314858082573901 Local number 22N001—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 6 of 17
[Remark codes: <, less than; E, estimated.]

| Date | cis-Propiconazole, water, fltrd, ug/L (79846) | Cyanazine, water, fltrd, ug/L (04041) | Cyfluthrin, water, fltrd, ug/L (61585) | lambda-Cyhalothrin, water, fltrd, ug/L (61595) | Cypermethrin water, fltrd, ug/L (61586) | DCPA, water fltrd 0.7u GF ug/L (82682) | Desulfinyl fipronil, water, fltrd, ug/L (62170) | Diazinon, water, fltrd, ug/L (39572) | Dicrotophos, water fltrd, ug/L (38454) | Dieldrin, water, fltrd, ug/L (39381) | Dimethoate, water, fltrd 0.7u GF ug/L (82662) | Disulfoton sulfone water, fltrd, ug/L (61640) | Disulfoton, water, fltrd 0.7u GF ug/L (82677) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Aug 22...** | <.008 | <.018 | <.027 | <.009 | <.009 | <.003 | <.012 | <.005 | <.08 | <.009 | <.006 | <.01 | <.02 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 7 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Endosulfan sulfate water, fltrd, ug/L (61590) | EPTC, water, fltrd 0.7u GF ug/L (82668) | Ethion monoxon water, fltrd, ug/L (61644) | Ethion, water, fltrd, ug/L (82346) | Ethoprop, water, fltrd 0.7u GF ug/L (82672) | Fenamiphos sulfone water, fltrd, ug/L (61645) | Fenamiphos sulfoxide, water, fltrd, ug/L (61646) | Fenamiphos, water, fltrd, ug/L (61591) | Desulfinyl-fipronil amide, wat flt ug/L (62169) | Fipronil sulfide water, fltrd, ug/L (62167) | Fipronil sulfone water, fltrd, ug/L (62168) | Fipronil, water, fltrd, ug/L (62166) | Fonofos water, fltrd, ug/L (04095) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Aug 22...** | <.014 | <.004 | <.002 | <.004 | <.005 | <.049 | <.04 | <.03 | <.029 | <.013 | <.024 | <.016 | <.003 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 8 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Hexazinone, water, fltrd, ug/L (04025) | Iprodione, water, fltrd, ug/L (61593) | Isofenphos, water, fltrd, ug/L (61594) | Malaoxon, water, fltrd, ug/L (61652) | Malathion, water, fltrd, ug/L (39532) | Metalaxyl, water, fltrd, ug/L (61596) | Methialthion water, fltrd, ug/L (61598) | Methyl paraoxon, water, fltrd, ug/L (61664) | Methyl parathion, water, fltrd 0.7u GF ug/L (82667) | Metolachlor, water, fltrd, ug/L (39415) | Metribuzin, water, fltrd, ug/L (82630) | Molinate, water, fltrd 0.7u GF ug/L (82671) | Myclobutanil water, fltrd, ug/L (61599) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Aug 22...** | <.013 | <.538 | <.003 | <.030 | <.027 | <.005 | <.006 | <.03 | <.015 | <.006 | <.006 | <.003 | <.008 |

**314858082573901 Local number 22N001—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 9 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Oxy-fluor-fen, water, fltrd, ug/L (61600) | Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683) | Phorate oxon, water, fltrd, ug/L (61666) | Phorate water fltrd 0.7u GF ug/L (82664) | Phosmet oxon, water, fltrd, ug/L (61668) | Phosmet water, fltrd, ug/L (61601) | Prome-ton, water, fltrd, ug/L (04037) | Prome-tryn, water, fltrd, ug/L (04036) | Propy-zamide, water, fltrd 0.7u GF ug/L (82676) | Pro-panil, water, fltrd 0.7u GF ug/L (82679) | Propar-gite, water, fltrd 0.7u GF ug/L (82685) | Sima-zine, water, fltrd, ug/L (04035) | Tebu-thiuron water fltrd 0.7u GF ug/L (82670) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | <.007 | <.022 | <.10 | <.011 | <.05 | <.008 | <.01 | <.005 | <.004 | <.011 | <.02 | <.005 | <.02 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 10 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Teflu-thrin, water, fltrd, ug/L (61606) | Ter-bufos oxon sulfone water, fltrd, ug/L (61674) | Terbu-fos, water, fltrd 0.7u GF ug/L (82675) | Ter-buthyl-azine, water, fltrd, ug/L (04022) | Thio-bencarb water fltrd 0.7u GF ug/L (82681) | trans-Propi-cona-zole, water, fltrd, ug/L (79847) | Tribu-phos, water, fltrd, ug/L (61610) | Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661) | 1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562) | 1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506) | 1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516) | CFC-113 water unfltrd ug/L (77652) | 1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | <.008 | <.07 | <.02 | <.01 | <.010 | <.01 | <.004 | <.009 | <.03 | <.03 | <.08 | <.04 | <.04 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 11 of 17
[Remark codes: <, less than; E, estimated.]

| Date | 1,1-Di-chloro-ethane, water unfltrd ug/L (34496) | 1,1-Di-chloro-ethene, water, unfltrd ug/L (34501) | 1,1-Di-chloro-propene water unfltrd ug/L (77168) | 1,2,3,4 Tetra-methyl-benzene water unfltrd ug/L (49999) | 1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000) | 1,2,3-Tri-chloro-benzene water unfltrd ug/L (77613) | 1,2,3-Tri-chloro-propane water unfltrd ug/L (77443) | 1,2,3-Tri-methyl-benzene water unfltrd ug/L (77221) | 1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551) | 1,2,4-Tri-methyl-benzene water unfltrd ug/L (77222) | Dibromo chloro-propane water unfltrd ug/L (82625) | 1,2-Di-bromo-ethane, water, unfltrd ug/L (77651) | 1,2-Di-chloro-benzene water unfltrd ug/L (34536) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | <.04 | <.02 | <.03 | <.1 | <.1 | <.2 | <.18 | <.1 | <.1 | <.06 | <.5 | <.04 | <.05 |

**314858082573901 Local number 22N001—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 12 of 17
[Remark codes: <, less than; E, estimated.]

| Date | 1,2-Di-chloro-ethane, water, unfltrd ug/L (32103) | 1,2-Di-chloro-propane water unfltrd ug/L (34541) | 1,3,5-Tri-methyl-benzene water unfltrd ug/L (77226) | 1,3-Di-chloro-benzene water unfltrd ug/L (34566) | 1,3-Di-chloro-propane water unfltrd ug/L (77173) | 1,4-Di-chloro-benzene water unfltrd ug/L (34571) | 2,2-Di-chloro-propane water unfltrd ug/L (77170) | 2-Chloro-toluene water unfltrd ug/L (77275) | 2-Ethyl-toluene water unfltrd ug/L (77220) | 3-Chloro-propene water unfltrd ug/L (78109) | 4-Chloro-toluene water unfltrd ug/L (77277) | 4-Iso-propyl-toluene water unfltrd ug/L (77356) | Acetone water unfltrd ug/L (81552) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | <.1 | <.03 | <.04 | <.03 | <.1 | <.03 | <.05 | <.04 | <.06 | <.50 | <.05 | <.08 | <6 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 13 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Acrylo-nitrile water unfltrd ug/L (34215) | Benzene water unfltrd ug/L (34030) | Bromo-benzene water unfltrd ug/L (81555) | Bromo-chloro-methane water unfltrd ug/L (77297) | Bromo-di-chloro-methane water unfltrd ug/L (32101) | Bromo-ethene, water, unfltrd ug/L (50002) | Bromo-methane water unfltrd ug/L (34413) | Carbon di-sulfide water unfltrd ug/L (77041) | Chloro-benzene water unfltrd ug/L (34301) | Chloro-ethane, water, unfltrd ug/L (34311) | Chloro-methane water unfltrd ug/L (34418) | cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093) | cis-1,3-Di-chloro-propene water unfltrd ug/L (34704) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | <.8 | <.02 | <.03 | <.12 | <.03 | <.1 | <.3 | E.05 | <.03 | <.1 | <.2 | <.02 | <.05 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 14 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Di-bromo-chloro-methane water unfltrd ug/L (32105) | Di-bromo-methane water unfltrd ug/L (30217) | Di-chloro-di-fluoro-methane wat unf ug/L (34668) | Di-chloro-methane water unfltrd ug/L (34423) | Di-ethyl ether, water, unfltrd ug/L (81576) | Diiso-propyl ether, water, unfltrd ug/L (81577) | Ethyl methac-rylate, water, unfltrd ug/L (73570) | Ethyl methyl ketone, water, unfltrd ug/L (81595) | Ethyl-benzene water unfltrd ug/L (34371) | Hexa-chloro-buta-diene, water, unfltrd ug/L (39702) | Hexa-chloro-ethane, water, unfltrd ug/L (34396) | Iodo-methane water unfltrd ug/L (77424) | Iso-butyl methyl ketone, water, unfltrd ug/L (78133) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aug 22... | <.1 | <.05 | <.18 | <.1 | <.1 | <.10 | <.2 | <2.0 | <.03 | <.1 | <.1 | <.50 | <.4 |

**314858082573901 Local number 22N001—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 15 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Iso-propyl-benzene water unfltrd ug/L (77223) | Methyl acrylo-nitrile water unfltrd ug/L (81593) | Methyl acryl-ate, water, unfltrd ug/L (49991) | Methyl methac-rylate, water, unfltrd ug/L (81597) | Methyl tert-pentyl ether, water, unfltrd ug/L (50005) | meta- + para-Xylene, water, unfltrd ug/L (85795) | Naphth-alene, water, unfltrd ug/L (34696) | Methyl n-butyl ketone, water, unfltrd ug/L (77103) | n-Butyl benzene water unfltrd ug/L (77342) | n-propyl-benzene water unfltrd ug/L (77224) | o-Xylene, water, unfltrd ug/L (77135) | sec-Butyl-benzene water unfltrd ug/L (77350) | Styrene water unfltrd ug/L (77128) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Aug 22...** | <.04 | <.4 | <1.0 | <.2 | <.04 | <.06 | <.5 | <.4 | <.1 | <.04 | <.04 | <.06 | <.04 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 16 of 17
[Remark codes: <, less than; E, estimated.]

| Date | t-Butyl ethyl ether, water, unfltrd ug/L (50004) | Methyl t-butyl ether, water, unfltrd ug/L (78032) | tert-Butyl-benzene water unfltrd ug/L (77353) | Tetra-chloro-ethene, water, unfltrd ug/L (34475) | Tetra-chloro-methane water unfltrd ug/L (32102) | Tetra-hydro-furan, water, unfltrd ug/L (81607) | Toluene water unfltrd ug/L (34010) | trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546) | trans-1,3-Di-chloro-propene water unfltrd ug/L (34699) | trans-1,4-Di-chloro-2-butene, wat unf ug/L (73547) | Tri-bromo-methane water unfltrd ug/L (32104) | Tri-chloro-ethene, water, unfltrd ug/L (39180) | Tri-chloro-fluoro-methane water unfltrd ug/L (34488) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Aug 22...** | <.03 | <.1 | <.06 | <.03 | <.06 | <1 | <.02 | <.03 | <.09 | <.7 | <.10 | <.04 | <.08 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**
Part 17 of 17
[Remark codes: <, less than; E, estimated.]

| Date | Tri-chloro-methane water unfltrd ug/L (32106) | Vinyl chlor-ide, water, unfltrd ug/L (39175) | Di-chlor-vos, water fltrd, ug/L (38775) | Ra-226, water, fltrd, radon method pCi/L (09511) | Ra-228, water, fltrd, pCi/L (81366) | Rn-222 2-sigma water unfltrd pCi/L (76002) | Rn-222, water, unfltrd pCi/L (82303) | Uranium natural water, fltrd, ug/L (22703) |
|---|---|---|---|---|---|---|---|---|
| **Aug 22...** | <.02 | <.1 | <.01 | 5.86 | <.60 | 21 | 350 | .05 |