

**WATER-LEVEL MEASUREMENTS USED IN CONSTRUCTION
OF THE 1998 POTENTIOMETRIC MAP FOR THE
FLORIDAN AQUIFER AND TERTIARY SAND AQUIFER
IN SOUTH CAROLINA**

**By
Brenda L. Hockensmith**

OPEN-FILE REPORT 6

WATER-LEVEL MEASUREMENTS USED IN CONSTRUCTION
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The Floridan aquifer system is the source of water for many public, industrial, and agricultural supplies in much of the southern Coastal Plain of South Carolina. In order to monitor the health of this vital resource, the Department of Natural Resources periodically measures the static (nonpumping) water level in selected wells. From these measurements is constructed a potentiometric map that shows: 1) the height, relative to sea level, to which artesian pressure will force the water, 2) the direction in which the water in the aquifer flows, 3) the effect of pumping, and 4) the net changes that have occurred compared to previously constructed maps.

Water levels with 1/10th foot accuracy are for wells that have been leveled to benchmarks. The remaining data are interpolated from land surface datum on topographic maps. Corrections were made for tidally influenced wells when their tidal-efficiency was known (primarily Beaufort, Jasper, and Colleton Counties), using methods derived by Gawne (1997).

The potentiometric map that has been constructed from the measurements presented in the following pages is being published as South Carolina Department of Natural Resources Report 23. Previous reports that may prove useful to readers are as follows:

- Aucott, W.R., Davis, M.E., and Speiran, G.K., 1987, Geohydrologic framework of the Coastal Plain aquifers of South Carolina: U.S. Geological Survey Water-Resources Investigations Report 85-4271, 7 sheets.
- Gawne, C.E., 1997, Correction for tidal effects on water-level measurements, Floridan Aquifers, southern coast of South Carolina: *in* Contributions to the hydrology of South Carolina, South Carolina Department of Natural Resources, Water Resources Division Report 14, 54 p.
- Aadland, R.K., Gellici, J.A., and Thayer, P.A., 1995, Hydrogeologic framework of west-central South Carolina: South Carolina Department of Natural Resources, Water Resources Division Report 5, 200 p, 47 plates.
- Aucott, W.R., 1996, Hydrology of the southeastern Coastal Plain aquifer system in South Carolina and parts of Georgia and North Carolina: U.S. Geological Survey Professional Paper 1410-E, 83 p.
- Aucott, W.R., Davis, M.E., and Speiran, G.K., 1987, Geohydrologic framework of the Coastal Plain aquifers of South Carolina: U.S. Geological Survey Water-Resources Investigations Report 85-4271, 7 sheets.

- Aucott, W.R., and Speiran, G.K., 1985a, Potentiometric surfaces of November 1982 and declines in the potentiometric surfaces between the period prior to development and November 1982 for the Coastal Plain aquifers of South Carolina: U.S. Geological Survey Water-Resources Investigations Report 84-4215, 7 sheets.
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- Aucott, W.R., and Speiran, G.K., 1984, Water-level measurements for the Coastal Plain aquifers of South Carolina prior to development: U.S. Geological Survey Open-File Report 84-803, 36 p, 1 sheet.
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- Cooke, C.W., 1936, Geology of the Coastal Plain of South Carolina: U.S. Geological Survey Bulletin 867, 196 p.
- Crouch, M.S., Davies, M.R., Hassen, J.A., Hughes, W.B., 1985, Water-level conditions in the upper permeable zone of the Floridan Aquifer in the South Carolina Low Country, March 1985: South Carolina Water Resources Commission Open-file Report # 85-1, 9 p.
- Crouch, M.S., Hughes, W.B., Logan, W.R., Meadows, J.K., 1987, Potentiometric surface of the Floridan Aquifer in South Carolina, July 1986: South Carolina Water Resources Commission Report 157, 1 plate.
- Davies, M.R., Hassen, J.A., Hughes, W.B., 1985, Water-level conditions in the upper permeable zone of the Floridan Aquifer in the South Carolina Low Country, June 1985: South Carolina Water Resources Commission Open-file Report 85-3, 9 p.
- Garza, Ragina, and Krause, R.E., 1992, Water-supply potential of major streams and the upper Floridan Aquifer in the vicinity of Savannah, Georgia: U.S. Geological Survey Open-File Report 92-629, 49 p., 19 plates.
- Gawne, C.E., 1990, Water-level declines in Hampton County, South Carolina: South Carolina Water Resources Commission Technical Memorandum, 16 p.

- Gawne, C.E., 1994, Water-level measurements and potentiometric maps for 1991-1993, Beaufort, Colleton, Hampton, and Jasper Counties, South Carolina with selected hydrographs for 1975-1993: South Carolina Water Resources Commission Open-file Report 43, 20 p., 11 plates.
- Gawne, C.E. and Park, A.D., 1992, Water-supply potential of the middle Floridan aquifer in southern Beaufort County, South Carolina: Report to the Town of Hilton Head Island Water Commission, 34 p.
- Hassen, J.A., 1985, Ground-water conditions in the Ladies and St. Helena Islands area, South Carolina: South Carolina Water Resources Commission Report 9, 91 p.
- Hayes, L.R., 1979, The ground-water resources of Beaufort, Colleton, Hampton, and Jasper Counties, South Carolina: South Carolina Water Resources Commission Report 9, 91 p.
- Hughes, W.B., Crouch, M.S., and Park, A.D., 1989, Hydrogeology and saltwater contamination of the Floridan aquifer in Beaufort and Jasper Counties, South Carolina: South Carolina Water Resources Commission Report 158, 52 p.
- Johnson, P.W., 1978, Reconnaissance of the ground-water resources of Clarendon and Williamsburg Counties, South Carolina: South Carolina Water Resources Commission Report 13, 43 p.
- Logan, W.R. and Euler, G.M., 1989, Geology and ground-water resources of Allendale, Bamberg, and Barnwell Counties and part of Aiken County, South Carolina: South Carolina Water Resources Commission Report 155, 113 p., 1 sheet.
- Meadows, J.K., 1987, Ground-water conditions in the Santee Limestone and Black Mingo Formation near Moncks Corner, Berkeley County, South Carolina: South Carolina Water Resources Commission Report 156, 38 p.
- Miller, J.A., 1985, Geohydrologic framework of the Floridan aquifer system in Florida, Georgia, and parts of Alabama and South Carolina: U.S. Geological Survey Professional Paper 1403-B, 91 p., 33 plates.
- Park, A.D., 1985, The ground-water resources of Charleston, Berkeley, and Dorchester Counties, South Carolina: South Carolina Water Resources Commission Report 139, 145 p.
- Ransom, Camille, III, and White, J.L., 2000, Potentiometric surface of the Floridan Aquifer System in southern South Carolina, September 1998: South Carolina Department of Health and Environmental Control Publication 02B-99, 1 plate.

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Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
Aiken					
	AIK-825	332616	814613	384.4	Savannah River Site
	AIK-848	333232	812908	267.8	Savannah River Site
	AIK-849	333233	812907	260.2	Savannah River Site
Allendale					
	ALL-272	330545	812929	132	F.E.Peebles
	ALL-274	330016	811954	147	Jack Ferguson
	ALL-311	325820	811358	120	Allan Dorawala (Fairfax Motel)
	ALL-312	330205	811652	144	Wingate Motel
	ALL-329	330714	813307	124	Jack Priester
	ALL-330	330134	811711	147	Donald Rivers (Old Siesta motel)
	ALL-336	330545	811107	149	Mr. Myrick
	ALL-337	330339	811439	173	Luke Youmans
	ALL-365	330649	813022	131.9	Savannah River Site
	ALL-366	330648	813022	131.9	Savannah River Site
Bamberg					
	BAM-11	331054	811107	182	Town of Olar (Well # 1)
	BAM-22	331858	810819	156	Town of Denmark (at water tower)
	BAM-26	330611	810044	128	Town of Ehrhardt (Well #3)
	BAM-31	331750	810213	147	Town of Bamberg (at warehouse)

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BAM-33	331057	811106	186	Town of Olar (Well # 2)
	BAM-37	331112	810111	130	Andrew Jackson Academy
	BAM-74	330543	810041	123	Town of Ehrhardt (Well #1)
	BAM-75	330541	810045	123	Town of Ehrhardt (Well #2)
	BAM-81	331035	805501	119	Nancy Crosby
	BAM-82	330512	805439	94	Blane George
Barnwell					
	BRN-62	331338	812139	160.3	Town of Barnwell (Well #6)
	BRN-295	330742	811352	155	SCWRC
	BRN-350	331045	811851	178.5	Savannah River Site
	BRN-351	331045	811851	179.2	Savannah River Site
	BRN-360	331918	812424	242.2	Savannah River Site
	BRN-922	331121	812008	159	Robert Nall
	BRN-923	330954	812531	162	Grace Keech
	BRN-924	331034	811409	139	Mike Stanley
Beaufort					
	BFT-118	322519	804501	0.1	Lowell Landon (Pinewood Inc)
	BFT-121	322748	804405	21.2	Marine Corps Air Station
	BFT-124	322826	804410	26.4	Marine Corps Air Station
	BFT-133	323120	804302	2.3	U.S. Marine Corps

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BFT-145	323303	804427	-8.7	David L. Dralle
	BFT-154	322219	805106	-8.0	U S Navy
	BFT-181	321823	804048	-7.0	U.S. Marine Corps
	BFT-198	322630	804018	3.8	City of Beaufort
	BFT-301	322043	805358	-15	James Grayson
	BFT-315	321555	804316	-2.8	USGS Dolphin 15
	BFT-321	321220	804116	-5.8	HHPST Tennis Courts
	BFT-337	321027	804720	-15.1	Hilton Head PDS #1
	BFT-346	320726	804851	-19.3	Seapines Baynard Park
	BFT-358	321455	804943	-8.8	Victoria Bluff Three (SCDNR)
	BFT-392	322943	804636	-4.4	Cox Enterprises
	BFT-420	323318	804347	-10.2	Lobeco Products
	BFT-429	321550	804910	-6.4	Victoria Bluff
	BFT-430	321725	803839	1.1	Roy E. Raney
	BFT-435	320838	804546	-14.0	Forest Beach PSD
	BFT-436	320841	804446	-13.9	N. Forest Beach
	BFT-437	320908	804414	-11.6	Port O Call
	BFT-439	320834	804752	-19.9	Seapines Briarwood
	BFT-441	321457	804342	-3.5	HHPST Spring Lake
	BFT-444	321035	804337	3.5	Palmetto Dunes

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BFT-449	321936	802740	1.1	Fripp Island Service
	BFT-452	322402	802620	4.3	SCWRC
	BFT-455	321944	802806	2.6	Fripp Island Service
	BFT-456	321906	802918	1.6	Fripp Island Service
	BFT-459	321849	804153	4.9	SCWRC
	BFT-461	324049	805030	6	Virginia Labs
	BFT-467	322957	804012	4	James P. Rathbun
	BFT-470	322213	803615	1.9	John Trask
	BFT-471	322406	804002	-2.1	Montgomery
	BFT-476	322355	804604	-1.1	Broad River Trailer Park
	BFT-486	322035	805019	-6	Spring Island
	BFT-488	322433	803046	4	Dempsey Farms
	BFT-493	321706	804851	-4.7	SCDNR- Marine
	BFT-497	322345	802948	1.6	Albert Peck
	BFT-500	321502	804943	-8.5	SCDNR- Marine
	BFT-501	321713	804850	0	SCDNR- Marine
	BFT-559	322551	804023	-0.9	City of Beaufort
	BFT-562	322429	802801	4.3	SCWRC
	BFT-563	322229	803248	3.6	SCWRC
	BFT-564	322006	803724	2.9	SCWRC

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BFT-565	321918	804025	5.9	SCWRC
	BFT-566	322108	804136	3.4	SCWRC
	BFT-570	321804	805813	-16.8	Union Camp
	BFT-600	322146	803358	3	Luke Inabinett
	BFT-651	321332	804449	-5.8	Wild Horse Grant
	BFT-652	321324	804240	-5.9	HHPSD Hospital well
	BFT-668	321113	804525	-12	Marshland Simmons
	BFT-676	321304	804608	-7.3	Windmill Harbour Maintenance
	BFT-697	321436	804321	-5.8	HHPSD Hargray
	BFT-698	321423	804426	3.7	HHPSD Cypress (2nd well)
	BFT-704	320913	804553	-14.3	Sea Pines PSD
	BFT-709	320754	804739	-15.9	Sea Pines Plantation Club
	BFT-744	320958	804641	-12.5	Sea Pines PSD 9
	BFT-747	320726	804823	-17.5	Sea Pines Harleston
	BFT-767	321232	804206	-6.6	HHPSD1 Electric
	BFT-771	321306	804155	-5.9	HH PSD Airport
	BFT-777	321236	804109	-7.4	Port Royal G.C. well
	BFT-779	321333	804414	-6.3	Katie Miller Drive
	BFT-782	322922	803813	13	John Harvey
	BFT-787	321453	804154	-5.2	SCWRC Pelican well

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BFT-798	322930	804418	19.0	Gray's Hill TP
	BFT-805	321055	804654	-11.7	Mr. Connor
	BFT-837	322933	803824	7	Rivers Edge Dev.
	BFT-844	322024	805119	-11	Callawassie Island
	BFT-976	322024	803514	2	Seaside Farms Inc.
	BFT-977	322201	803753	2	Staion Creek Co.
	BFT-982	322152	803935	1	SC National Golf
	BFT-985	321347	804344	-5.4	HHPSD Bear Creek
	BFT-1210	323344	804402	-8	G. Auction
	BFT-1212	323438	804425	-4	Willie Moody
	BFT-1239	320943	804449	-10	Shipyards Port au Spain
	BFT-1292	322126	803714	3.9	Paragone Produce
	BFT-1306	322746	804535	8.3	Blue Channel
	BFT-1311	323010	804215	4.2	W.D. Walsh
	BFT-1330	321425	804837	-8.8	Water Oak Utility
	BFT-1417	322318	803657	2	M. Godley
	BFT-1418	321657	805307	-18	RH1 (Bluff 4)
	BFT-1452	321736	805206	-3	RH2 (Bluff 5)
	BFT-1489	322842	803851	11	F.D. Mitchell
	BFT-1513	322458	803624	4	F. Haywood

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BFT-1515	322612	804018	2.6	City of Beaufort
	BFT-1527	322349	803541	4	J. Trask
	BFT-1540	322559	803158	1	Dulamo Estate
	BFT-1548	322252	803422	3	Brick Church
	BFT-1583	322645	803915	5	Overlook Condos
	BFT-1588	321256	804608	-7	Windmil Harbour
	BFT-1592	322134	803542	3	Paragon Produce
	BFT-1599	322833	803757	16.2	Bob Waters
	BFT-1604	322608	802823	2	Harry McGurk
	BFT-1605	322707	803646	3.1	Arthur S. Trumpore
	BFT-1609	322748	803340	-1.1	Jane Hanna
	BFT-1611	322427	804053	3	Sam Koutroulakis
	BFT-1689	321826	804700	-2.8	Colleton Neck Well (Hank Cram)
	BFT-1701	322314	804212	2.4	John Goodman
	BFT-1709	323108	804248	4.7	L. Watson
	BFT-1714	322541	804226	2.8	Ben Bostick
	BFT-1717	322625	804320	2.4	Fay Ward-Ed ay
	BFT-1718	322530	804214	2.6	Mr. Montgomery
	BFT-1728	322746	804446	14.5	SC Dept of Roads and Bridges
	BFT-1731	322726	804556	3.3	H. Trask

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BFT-1732	322903	804451	22.2	Gray's Hill
	BFT-1733	323037	804357	8.1	V. Lockhart
	BFT-1736	322419	804609	-1.7	Thomas W. Smith
	BFT-1744	321257	804517	-7	Pullon Builders
	BFT-1747	322036	803844	1	Paragon South
	BFT-1748	321317	804530	-10	Davis Landscape
	BFT-1752	323215	803614	2	Danny Lesesne
	BFT-1773	322426	803950	6.0	Drennan Park
	BFT-1800	321555	805147	-16	RH3 (Blf 6)
	BFT-1806	323446	804700	-4	Nick Jones
	BFT-1814	321358	804037	-6.1	USGS Fort Walker
	BFT-1820	321214	804458	-6.9	SCWRC
	BFT-1822	321217	804457	-7.4	SCWRC
	BFT-1841	321820	804123	2	SCWRC
	BFT-1845	321650	804918	-8.1	Waddell Mariculture
	BFT-1846	321650	804918	-8.1	SCWRC
	BFT-1870	321453	805028	-9	Bluffton 3
	BFT-1925	322811	804428	25.9	SCWRC
	BFT-1948	321549	804526	-3.3	US Fish and Wildlife
	BFT-1950	322828	804415	26.6	SCWRC

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BFT-1969	322222	804131	-0.9	SCWRC-Port of PR,INC.
	BFT-1970	322230	804134	5	SCWRC-Port of PR,INC.
	BFT-1985	322533	804125	3.5	City of Beaufort
	BFT-1987	322250	804318	0.6	Don Kissner
	BFT-1996	322309	804155	2	Paul Eberlein
	BFT-1998	323537	804704	-4	Burnett
	BFT-2000	322352	804203	3	Gentry Wood Apt
	BFT-2007	322416	804134	4	Charles Kelcy
	BFT-2051	322246	804329	1.0	Shell Point Baptist Church
	BFT-2052	321416	804414	-6.1	HHPSD Cypress
Berkeley					
	BRK-48	330903	801739	56	McDougall Corrections Center
	BRK-53	331705	794139	18	Jamestown Town Hall
	BRK-82	330310	795629	-11	Dupont
	BRK-141	332049	794852	30	Alvin Community Center
	BRK-164	331959	795922	75	BRK Co. Water Authority
	BRK-165	331825	795809	50	S.C. Wildlife & Marine Res.
	BRK-174	330152	795802	-2	Medway Plantation
	BRK-177	332654	800406	55	Oakland Hunt Club
	BRK-181	331418	800154	57	M.E. Dodge

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BRK-184	331246	800232	36	Pinopolis
	BRK-201	330649	800104	-16	Oakley Career Center
	BRK-221	332451	800821	79	Lea's Store
	BRK-249	330549	795929	-10	Wapoola Plantation
	BRK-265	331404	801555	76	Joseph Meyers
	BRK-266	331133	801731	54	Oscar Myzell or son
	BRK-288	331658	795247	30	Jim or Herbert Hood
	BRK-306	325603	794952	-8	Bill or Linda Gibson
	BRK-401	330056	795548	-3	SCE&E Williams Station
	BRK-412	331421	801545	89	Mt. Zion Abandoned Church
	BRK-416	325856	794854	8	George Kinloch, Jr.
	BRK-450	331714	794530	23	New Emmaneul Church
	BRK-452	331221	793735	29	George White
	BRK-461	331305	795802	11	Chavous Trailer Park
	BRK-492	331007	800049	10	W & W Truck N Trailer
	BRK-493	330917	800044	-30	Berkeley Country Club & Golf
	BRK-519	331041	800313	9	Murray B. Ayers
	BRK-523	330930	800130	5	Carolina Nurseries
	BRK-535	330621	800425	-26	Abandoned Bldg
	BRK-540	330855	795950	-3	Robert Finch

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	BRK-546	330707	795711	-6	Mepkin Abbey
	BRK-550	331054	795828	8	Alice Hemley
	BRK-595	325833	794621	8	Lucille Denmark
	BRK-612	330611	801154	30	Doug Hetu
	BRK-613	330528	800312	-13	Derrick Haynes
	BRK-614	330541	800614	4	Herb Dordal
	BRK-645	332231	795502	54	Mr. & Mrs Patrick J Sullivan
	BRK-646	332133	795458	51	Mr. & Mrs. Dale Fegin
	BRK-647	331543	793927	23	Martin Meriatta Quarry
	BRK-648	331028	800316	8	John Miller
Charleston					
	CHN-44	324749	800413	-18	U.S. Dept. of Agriculture
	CHN-63	324303	801420	-10	Meggett Masonic Lodge
	CHN-101	330246	793401	10	Buck Hall
	CHN-102	325926	793650	11	Sewee Campground
	CHN-141	324637	795811	-29	Charleston CPW
	CHN-169	325023	800443	-18	Shadowmoss Golf Club
	CHN-220	323933	802026	-20	Thomas Legare
	CHN-237	330323	793246	8	George Heath
	CHN-243	330319	794143	19	U.S. Forest Service

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	CHN-289	324856	795414	-17	Longshoreman's Association
	CHN-297	325511	800159	-25	Hughes Motors
	CHN-363	324836	802404	-1	A.R. Cadden
	CHN-366	324031	802216	-14	J.P. Sanders
	CHN-387	323935	800844	-11	Rosebank Plantation
	CHN-418	323048	801755	-8	Edisto State Park
	CHN-422	331005	792815	6	International Paper
	CHN-452	325529	794052	8	Gene Drew
	CHN-457	325120	794910	-24	Boone Hall
	CHN-458	325046	794933	-9	Pinckney Historical Site
	CHN-460	325252	795917	-38	Viola Bunn
	CHN-476	325142	795811	-30	U.S. Naval Shipyard
	CHN-482	324603	800402	-19	Charles Heffron
	CHN-484	323455	801821	-6	Blue Hall Plantation
	CHN-486	323632	801946	-2	Mrs. A.L. Glen
	CHN-517	325628	793926	5	Moore's Landing
	CHN-546	324709	800855	-15	Sea Island Co-op
	CHN-555	325913	800559	-34	Ladson Baptist Church
	CHN-654	324636	800724	-16	Aaron Hyman
	CHN-665	324254	801413	-15	Elliot Dodds

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	CHN-693	325929	793708	7	Sewee Campground
	CHN-699	325825	794015	12	U.S. Fish & Wildlife
	CHN-803	330919	792134	-3	Santee Reserve
	CHN-813	325459	794123	7	Gene Drew
Clarendon	CLA-73	333518	801221	81	Claredon County Airport
Colleton	COL-51	323216	802517	-5	William Baldwin
	COL-73	330003	804655	37	Ben Breedlove
	COL-92	323941	803926	2	SCWRC TW 10
	COL-96	324408	802707	-5	SCWRC TW 14
	COL-97	330251	803551	37	SCWRC TW 15
	COL-147	324123	804629	2.9	Cherokee Plantation
	COL-149	323534	802750	-2	SCWRC-Bear Island
	COL-164	324800	805125	22	C.M. Walker
	COL-170	323638	803313	-5	B. Jean Butler
	COL-189	330243	802603	35	James Ferguson
	COL-190	325656	802447	10	Charlie Bischoff
	COL-213	325449	805318	52	Myrtie Rahn
	COL-219	330149	810243	98	Wesley Chapel

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	COL-224	324700	803201	2	Daisy Proctor
	COL-225	324624	802731	-9	Mr. C. Webb
	COL-228	330650	804210	89	Marie Crosby
	COL-232	330402	805714	90	Town of Lodge
	COL-243	323708	803641	1	Johnny Brooks
	COL-253	324809	802812	4	Herman N. Tuten
	COL-259	324524	803720	7	Allen Ritter
	COL-267	325427	802956	6	Thomas W. Brewer
	COL-269	325149	803911	-33	Thompsons Lumber Co.
	COL-273	325238	804643	12	Everet Smoak
	COL-274	325224	804119	-5	Dogwood Hills Golf
	COL-276	324637	803935	-1	Catholic Hill
	COL-283	330009	804015	56	Henry Cook
	COL-284	330743	804842	97	Violla Elliot
	COL-285	330318	804730	74	Mrs Gordon
	COL-286	330240	805436	88	James W. Williams
	COL-294	325302	802417	3	Sand Hill Hunting Club
	COL-295	324709	803757	-1	Dollie Futch
	COL-343	323848	803442	7	Wetlands America
	COL-373	324133	804603	1	Cherokee Plantation

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
Dorchester					
	DOR-33	330850	802539	36	Norfolk Southern Railroad
	DOR-48	325852	801436	-3	Knight
	DOR-49	325753	801635	-18	Jim Baker
	DOR-50	330536	801602	38	George E. Moore, Jr.
	DOR-58	330638	801657	31	B.W. Rogers
	DOR-69	331247	802706	43	Jenkins Hill Elementary Sch.
	DOR-70	331343	803226	66	Joseph Mizell
	DOR-78	330324	801412	21	Herman Muckenfuss
	DOR-161	330852	803438	56	Lon Colson
	DOR-163	330842	803428	62	Arthur Dukes
	DOR-165	330522	803225	45	Thomas Infinger, Jr.
	DOR-168	331228	803826	91	Dor. County Water Authority
	DOR-189	330053	802314	24	Givans Baptist Church
	DOR-198	330515	802849	40	Leonard Fisk
	DOR-225	325542	802333	3	Tony or Elizabeth Bell
	DOR-240	330151	801216	-32	Summerville CPW
	DOR-267	330250	801505	15	Arabell Scean
	DOR-288	330013	802025	12	Vannie Wright, Jr.

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
Georgetown					
	GEO-15	331853	791929	9	Georgetown County Airport
	GEO-178	332029	792148	8	Thomas Moultrie Jr.
	GEO-305	331954	791924	28	John Micheals Nursery
	GEO-306	332658	793311	22	Wally Miller
Hampton					
	HAM-72	325841	810646	92	SCWRC
	HAM-73	325357	810019	55	SCWRC
	HAM-74	325242	810224	77	SCWRC
	HAM-76	324821	805435	33	SCWRC
	HAM-77	324330	805249	12	SCWRC
	HAM-78	324131	805447	13	SCWRC
	HAM-79	324706	810328	42	SCWRC
	HAM-80	325352	811418	92	SCWRC
	HAM-83	324151	805103	8	SCWRC
	HAM-98	324801	805640	38	Frankie King
	HAM-99	325014	805535	37	Bernice Weekley
	HAM-105	324319	810624	38	Charles E. Peeples
	HAM-122	323940	811901	55	David McKenzie
	HAM-132	324051	810933	30	Albert C. Tuten, Sr.

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	HAM-142	325026	811325	106	Butch Deer
	HAM-144	324246	811855	68	Lee Bowers
	HAM-151	325222	810748	90	Hugh Murdaugh
	HAM-164	324741	810931	74	Buddy Hiers
	HAM-167	324013	811313	46	Rodney Causey
	HAM-170	325631	810611	102	Jimmy McMillan
	HAM-174	324922	811702	109	C.F. Bowers
	HAM-175	325529	810253	67	Sam Winstead
	HAM-180	324543	811534	87	Rouse Brothers Farm
	HAM-181	324403	812139	49	Bostick Hunt Club
	HAM-184	324724	811928	105	Bob Gifford
	HAM-185	324529	811219	87	Steve Wood
	HAM-187	323644	811624	39	Thomas Terry
	HAM-194	324455	811236	87	Probst Aqua Farm
	HAM-201	324156	811300	62	Steep Bottom Baptist
Jasper	JAS-26	322047	805657	-4.9	Seaboard Railroad
	JAS-80	320919	805811	-27.8	Red Bluff Plantation
	JAS-109	322318	810246	-6	Okeetee Club
	JAS-111	321737	810440	-20.3	Town of Hardeeville

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	JAS-134	320841	810043	-42.7	BFT-JAS WSA (HUD)
	JAS-138	321054	810038	-34.8	BFT-JAS WSA (HUD)
	JAS-139	321005	805934	-33.7	BFT-JAS WSA (HUD); 29
	JAS-147	321329	810438	-34.9	BFT-JAS (HUD) 13 - Mt. Olive Church
	JAS-150	321015	810130	-41.2	BFT-JAS (HUD) 9
	JAS-159	321345	810151	-31.2	BFT-JAS WSA (HUD)
	JAS-297	323532	805842	18.3	Mr. Walls
	JAS-298	322733	805346	-5	Edward Cooler
	JAS-305	324122	805852	20	Sadie Johnson
	JAS-316	322235	810719	-6.0	Mitchell
	JAS-319	323237	811027	23	Carswell
	JAS-357	322952	810051	-2	Marion Dean
	JAS-359	323546	810633	17	James Cuyler
	JAS-360	323130	805853	2	Cypress Woods Corp
	JAS-368	323500	811208	24	Robert Johnson
	JAS-397	323134	805205	-0.3	Midco
	JAS-399	323235	810808	15	Trust Co. Bank-Sav.
	JAS-406	323535	810329	15	SC Forestry Commission
	JAS-415	322110	805522	-11.6	BFT-JAS CEC
	JAS-420	321753	810716	-16	Marlene Cheshire
	JAS-421	320752	810324	-74.1	Flamingo

Table of water-level measurements for the Floridan/Tertiary aquifer system, November – December 1998 (continued)

County	County Well Number	Latitude	Longitude	Water-level elevation	Remarks
	JAS-354	321146	810159	-41	LLBH#1
	JAS-355	321254	810357	-41	LLBH#2
Orangeburg	ORG-9	331925	802440	88	Town of Holly Hill
	ORG-26	331504	804905	109	Town of Branchville
	ORG-40	332058	804046	110	Town of Bowman
	ORG-48	332806	805122	156	Orangeburg Nat'l Fish Hatchery
	ORG-92	332336	802057	38	Town of Eutawville
	ORG-342	333151	803434	116	Town of Elloree
	ORG-425	332719	803921	120	Mountaineer Motel
	ORG-426	332207	805859	154	Gary Sanders
	ORG-427	332749	803641	131	Charles Bochette
	ORG-428	332501	803812	127	Charles Bochette
	ORG-429	331837	801713	74	Richard Bilton
	ORG-430	331459	804905	112	Town of Branchville
Williamsburg	WIL-175	333548	795453	54	Charles Barwick
	WIL-187	333453	795921	61	Town of Greeleyville
	WIL-205	332141	793955	8	Doc Ward
	WIL-206	333449	795705	59	Rea Construction