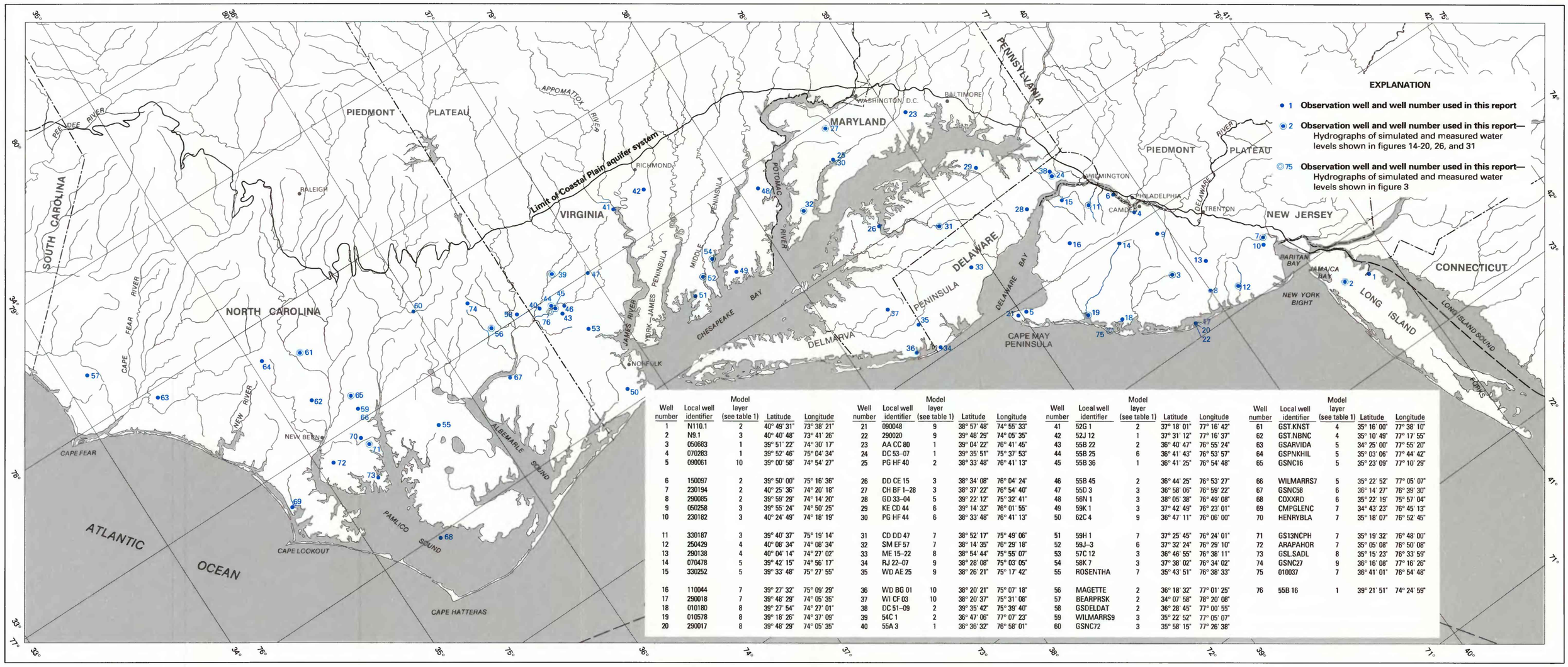
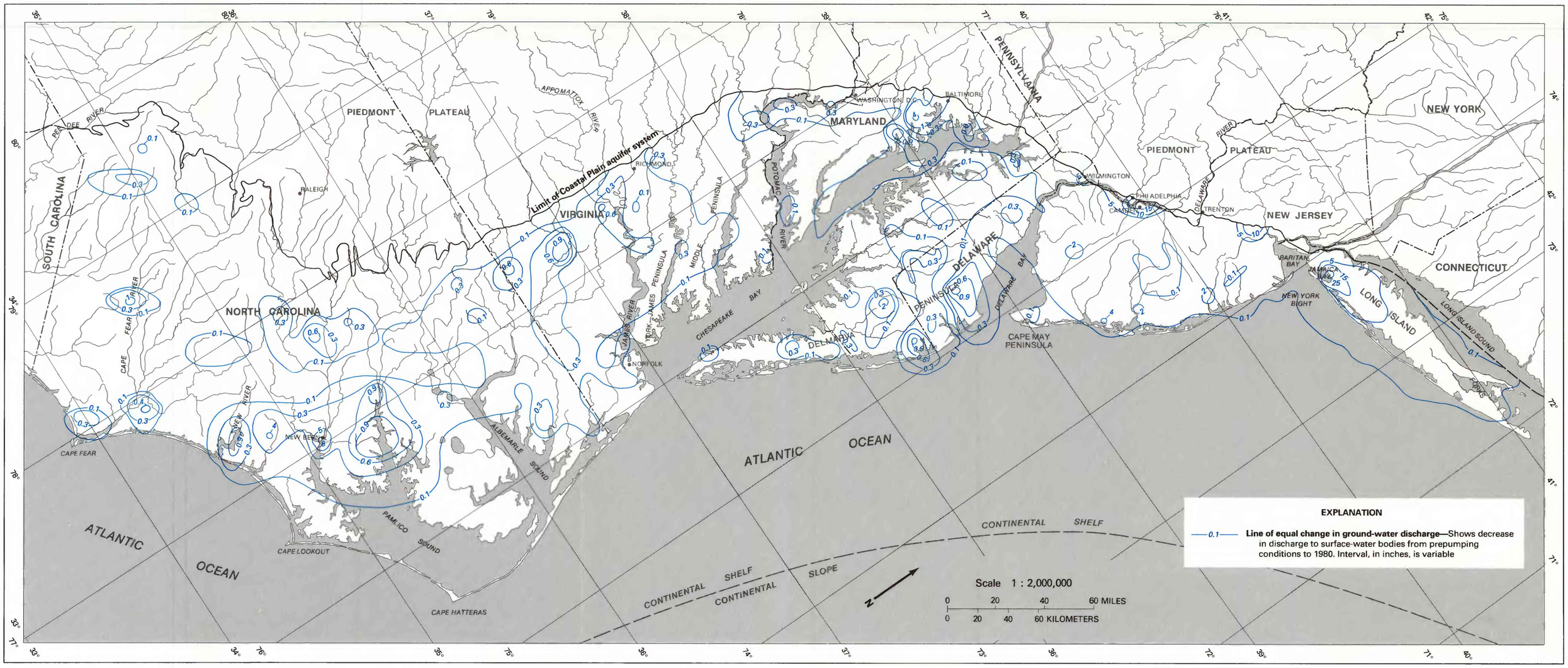


Well number	Local well identifier	Model layer (see table 1)	Latitude	Longitude	Well number	Local well identifier	Model layer (see table 1)	Latitude	Longitude	Well number	Local well identifier	Model layer (see table 1)	Latitude	Longitude	Well number	Local well identifier	Model layer (see table 1)	Latitude	Longitude
1	N110.1	2	40° 49' 31"	73° 38' 21"	21	090048	9	38° 57' 48"	74° 55' 33"	41	52G 1	2	37° 18' 01"	77° 16' 42"	61	GST.KNST	4	35° 16' 00"	77° 38' 10"
2	N9.1	3	40° 40' 48"	73° 41' 26"	22	290020	9	39° 48' 29"	74° 05' 35"	42	52J 12	1	37° 31' 12"	77° 16' 37"	62	GST.NBNC	4	35° 10' 49"	77° 17' 55"
3	050683	1	39° 51' 22"	74° 30' 17"	23	AA CC 80	1	39° 04' 22"	76° 41' 45"	43	55B 22	2	36° 40' 47"	76° 55' 24"	63	GSARVIDA	5	34° 25' 00"	77° 55' 20"
4	070283	1	39° 52' 46"	75° 04' 34"	24	DC 53–07	1	39° 35' 51"	75° 37' 53"	44	55B 25	6	36° 41' 43"	76° 53' 57"	64	GSPNKHIL	5	35° 03' 06"	77° 44' 42"
5	090061	10	39° 00' 58"	74° 54' 27"	25	PG HF 40	2	38° 33' 48"	76° 41' 13"	45	55B 36	1	36° 41' 25"	76° 54' 48"	65	GSNC16	5	35° 23' 09"	77° 10' 29"
6	150097	2	39° 50' 00"	75° 16' 36"	26	DD CE 15	3	38° 34' 08"	76° 04' 24"	46	55B 45	2	36° 44' 25"	76° 53' 27"	66	WILMARRS7	5	35° 22' 52"	77° 05' 07"
7	230194	2	40° 25' 36"	74° 20' 18"	27	CH BF 1–28	3	38° 37' 22"	76° 54' 40"	47	55D 3	3	36° 58' 06"	76° 59' 22"	67	GSNC58	6	36° 14' 27"	76° 39' 30"
8	290085	2	39° 59' 29"	74° 14' 20"	28	GD 33–04	5	39° 22' 12"	75° 32' 41"	48	56N 1	3	38° 05' 38"	76° 49' 08"	68	COXXRD	6	35° 22' 19"	75° 57' 04"
9	050258	3	39° 55' 24"	74° 50' 25"	29	KE CD 44	6	39° 14' 32"	76° 01' 55"	49	59K 1	3	37° 42' 49"	76° 23' 01"	69	CMPGLENC	7	34° 43' 23"	76° 45' 13"
10	230182	3	40° 24' 49"	74° 18' 19"	30	PG HF 44	6	38° 33' 48"	76° 41' 13"	50	62C 4	9	36° 47' 11"	76° 06' 00"	70	HENRYBLA	7	35° 18' 07"	76° 52' 45"
11	330187	3	39° 40' 37"	75° 19' 14"	31	CD DD 47	7	38° 52' 17"	75° 49' 06"	51	59H 1	7	37° 25' 45"	76° 24' 01"	71	GS13NCPH	7	35° 19' 32"	76° 48' 00"
12	250429	4	40° 08' 34"	74° 08' 34"	32	SM EF 57	7	38° 14' 35"	76° 29' 18"	52	59J–3	6	37° 32' 24"	76° 29' 10"	72	ARAPAHOR	7	35° 05' 08"	76° 50' 08"
13	290138	4	40° 04' 14"	74° 27' 02"	33	ME 15–22	8	38° 54' 44"	75° 55' 07"	53	57C 12	3	36° 46' 55"	76° 38' 11"	73	GSL.SADL	8	35° 15' 23"	76° 33' 59"
14	070478	5	39° 42' 15"	74° 56' 17"	34	RJ 22–07	9	38° 28' 08"	75° 03' 05"	54	58K 7	3	37° 38' 02"	76° 34' 02"	74	GSNC27	9	36° 16' 08"	77° 16' 26"
15	330252	5	39° 33' 48"	75° 27' 55"	35	WD AE 25	9	38° 26' 21"	75° 17' 42"	55	ROSENTHA	7	35° 43' 51"	76° 38' 33"	75	010037	7	36° 41' 01"	76° 54' 48"
16	110044	7	39° 27' 32"	75° 09' 29"	36	WD BG 01	10	38° 20' 21"	75° 07' 18"	56	MAGETTE	2	36° 18' 32"	77° 01' 25"	76	55B 16	1	39° 21' 51"	74° 24' 59"
17	290018	7	39° 48' 29"	74° 05' 35"	37	WI CF 03	10	38° 20' 37"	75° 31' 08"	57	BEARPRSK	2	34° 07' 58"	78° 20' 08"					
18	010180	8	39° 27' 54"	74° 27' 01"	38	DC 51–09	2	39° 35' 42"	75° 39' 40"	58	GSDELDAT	2	36° 28' 45"	77° 00' 55"					
19	010578	8	39° 18' 26"	74° 37' 09"	39	54C 1	2	36° 47' 06"	77° 07' 23"	59	WILMARRS9	3	35° 22' 52"	77° 05' 07"					
20	290017	8	39° 48' 29"	74° 05' 35"	40	55A 3	1	36° 36' 32"	76° 58' 01"	60	GSNC72	3	35° 58' 15"	77° 26' 38"					

Base modified from U.S. Geological Survey
National Atlas, 1970

A. Location of selected wells with long-term hydrographs



Base modified from U.S. Geological Survey
National Atlas, 1970

B. Simulated decrease in ground-water discharge to surface-water bodies, prepumping to 1980 flow conditions

MAPS SHOWING LOCATION OF SELECTED WELLS WITH LONG-TERM HYDROGRAPHS AND SIMULATED DECREASE IN GROUND-WATER DISCHARGE TO SURFACE-WATER BODIES, PREPUMPING TO 1980 FLOW CONDITIONS

By
P. Patrick Leahy and Mary Martin

1993

Leahy, P.P., and Martin, M., 1993, Geohydrology and simulation of ground-water flow in the northern Atlantic Coastal Plain aquifer system: U.S. Geological Survey Professional Paper 1404-K