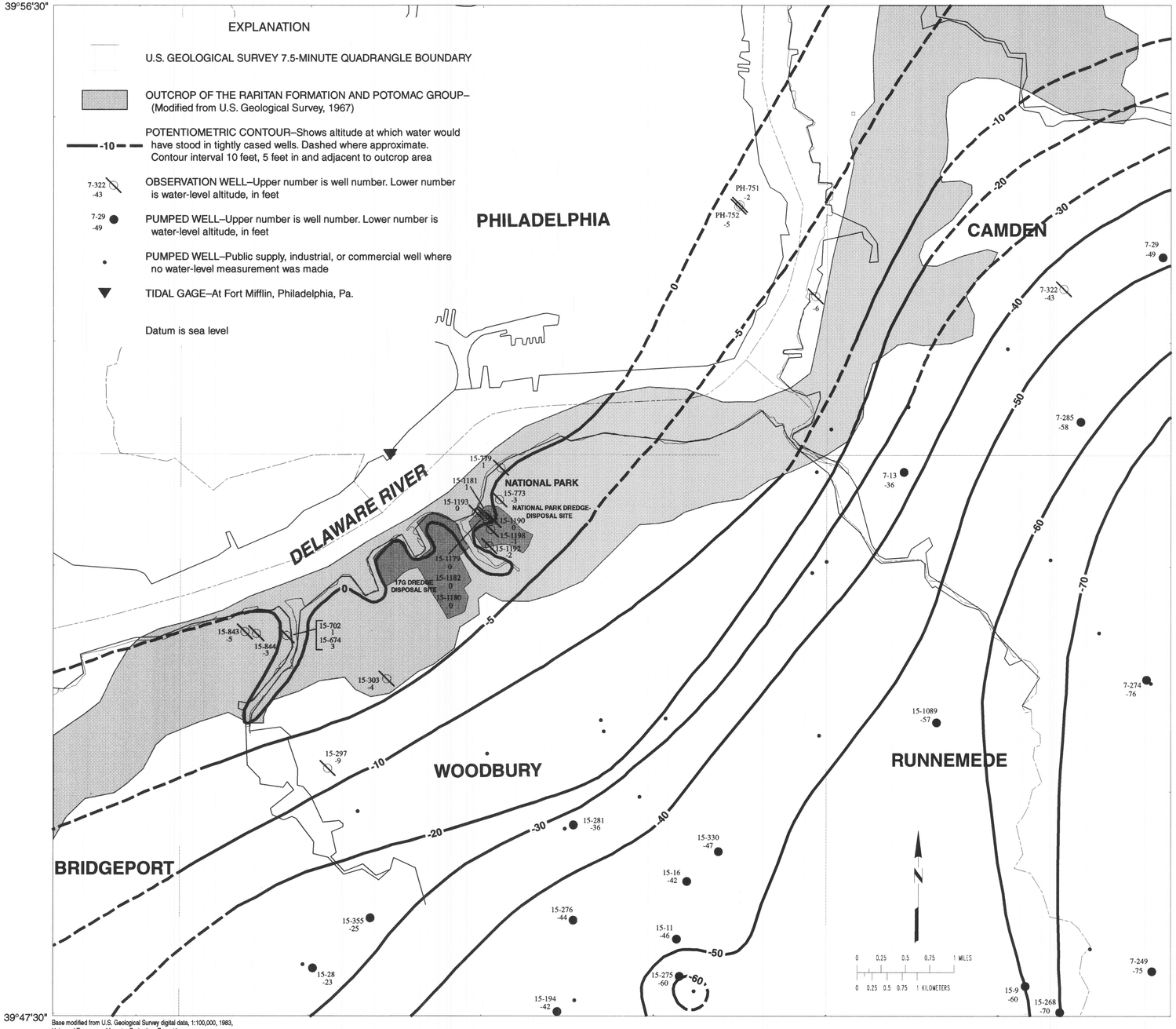

Figure 4. Potentiometric surface of the Upper Potomac-Raritan-Magothy aquifer, May 1996.

Table 2. Measured and tide-corrected water levels for wells screened in the Upper Potomac-Raritan-Magothy aquifer, 1996
[BP, British Petroleum; INC, Incorporated; MUA, Municipal Utility Authority; PHILA, Philadelphia; USGS, U.S. Geological Survey; mo-day, month-day]

New Jersey well number	Pennsylvania well number[1]	Latitude	Longitude	Owner	Local identifier	USGS 7.5-minute quadrangle	Altitude of land surface[2]	Screened interval (in feet below land surface)	Water-level measurement		Water-level altitude (Rounded to nearest foot)	
									Date (mo-day)	Time (hour)	Measured	Corrected for tidal effect
7-13		395221	750636	BELLMAWR BORO WATER DEPARTMENT	BBWD 1	RUNNEMEDE	31	111-160	05-21	1520	-36	-36
7-249		394754	750343	GARDEN STATE WATER COMPANY	BLACKWOD DIV 3	RUNNEMEDE	65	426-447	05-23	1308	-75	-75
7-274		395030	750347	NEW JERSEY/AMERICAN WATER COMPANY	OTTERBROOK 39	RUNNEMEDE	60	269-349	06-04	1028	-76	-76
7-285		395248	750433	NEW JERSEY/AMERICAN WATER COMPANY	EOGBERT 18	CAMDEN	24	144-191	05-30	1435	-58	-58
7-293		395416	750336	HADDON TOWNSHIP BOARD OF EDUCATION	HADDON TWP HS1	CAMDEN	15	142-162	05-23	1428	-49	-49
7-322		395359	750445	NEW JERSEY/AMERICAN WATER COMPANY	OAKLYN TEST	CAMDEN	33	101-112	06-04	0906	-43	-43
7-573		395355	750738	UNITED STATES GEOLOGICAL SURVEY	COAST GUARD 2	PHILADELPHIA	11	>89	05-20	1709	-6	-6
15-9		394746	750511	DEPTFORD TOWNSHIP MUA	DTMUA 5	RUNNEMEDE	78	414-447	05-29	1410	-60	-60
15-11		394811	750914	DEPTFORD TOWNSHIP MUA	DTMUA 2	WOODBURY	58	255-281	05-31	1113	-46	-46
15-16		394842	750907	DEPTFORD TOWNSHIP MUA	DTMUA 1	WOODBURY	60	252-273	06-04	1315	-42	-42
15-28		394755	751327	EAST GREENWICH WATER DEPARTMENT	EGWD 2	WOODBURY	70	191-216	05-23	0811	-23	-23
15-194		394732	751037	MANTUA TOWNSHIP MUA	MTMUA 4	WOODBURY	10	230-265	05-22	1331	-42	-42
15-268		394732	750447	WASHINGTON TOWNSHIP MUA	WTMUA 4	RUNNEMEDE	77	369-417	05-23	1021	-70	-70
15-275		394751	750912	WENONAH WATER DEPARTMENT	WWD 2	WOODBURY	50	268-310	05-24	1012	-60	-60
15-276		394821	751026	WEST DEPTFORD TOWNSHIP WATER DEPARTMENT	WDTWD 4	WOODBURY	60	242-289	05-22	1233	-44	-44
15-281		394912	751026	WEST DEPTFORD TOWNSHIP WATER DEPARTMENT	WDTWD 3	WOODBURY	61	227-243	05-22	1158	-36	-36
15-295		394939	751007	WESTWOOD GOLF COURSE	1-1973	WOODBURY	20	120-140	05-23	1500	-20	-20
#15-297		394942	751317	HUNTSMAN POLYPROPYLENE CORPORATION	SHELL-6 OBS/SEALED	WOODBURY	21	113-118	06-18	1000	-9	-9
15-303		395030	751236	PENNWALT CORPORATION	TEST WELL 1	WOODBURY	10	84-114	05-28	1050	-4	-4
15-330		394858	750845	WOODBRY HEIGHTS BORO	1 HELEN AVE	WOODBURY	40	190-235	05-21	1243	-47	-47
15-355		394822	751247	EAST GREENWICH WATER DEPARTMENT	EGWD 3	WOODBURY	42	205-245	05-22	0836	-25	-25
15-674		395053	751346	ESSEX CHEMICAL COMPANY	OBS 1	WOODBURY	9	21-41	05-28	1253	3	3
15-702		395053	751346	ESSEX CHEMICAL COMPANY	OBS 3	WOODBURY	7	8-18	05-28	1302	1	1
15-773		395206	751118	UNITED STATES GEOLOGICAL SURVEY	NATIONAL PARK #5-OW-AU	WOODBURY	10	30-50	05-21	1108	-3	-3
*15-777		395202	751127	UNITED STATES GEOLOGICAL SURVEY	NATIONAL PARK #8-OW-CU	WOODBURY	15	57-77	05-21	0829	2	2
15-779		395223	751117	UNITED STATES GEOLOGICAL SURVEY	NATIONAL PARK #11-OW-BU	WOODBURY	5	25-35	05-21	1023	1	1
15-843		395055	751415	BP OIL CORPORATION	P-13	WOODBURY	20	38-40	05-24	0837	-5	-5
15-844		395054	751407	BP OIL CORPORATION	P-14A	WOODBURY	13	72-74	05-24	0829	-3	-3
15-1089		395007	750613	DEPTFORD TOWNSHIP MUA	BOOSTER STA 8	RUNNEMEDE	45	198-258	06-04	1442	-57	-57
15-1179		395157	751128	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-3	WOODBURY	18	49- 74	05-21	1252	0	0
15-1180		395157	751128	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-4	WOODBURY	18	49- 58	05-21	1255	0	0
15-1181		395158	751127	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-5	WOODBURY	19	49- 58	05-21	1232	1	1
15-1182		395157	751128	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-6	WOODBURY	18	49- 58	05-21	1243	0	0
*15-1185		395148	751104	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-9	WOODBURY	32	53- 78	05-21	1506	-2	-2
*15-1186		395148	751104	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-10	WOODBURY	31	61- 70	05-21	1502	-2	-2
*15-1187		395147	751104	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-11	WOODBURY	21	51- 60	05-21	1518	-2	-2
*15-1188		395149	751105	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-12	WOODBURY	32	61- 60	05-21	1456	-2	-2
*15-1189		395145	751131	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-13	WOODBURY	25	41- 50	05-21	1345	-1	-1
*15-1190		395155	751122	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-14	WOODBURY	18	40- 49	05-21	1640	0	0
*15-1191		395151	751114	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-15	WOODBURY	21	41- 50	05-21	1652	-1	-1
15-1192		395141	751125	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-16	WOODBURY	19	41- 50	05-21	1414	-2	-2
15-1193		395159	751134	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-17	WOODBURY	6	9- 18	05-21	1333	0	0
*15-1194		395155	751109	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-18	WOODBURY	6	11- 20	05-21	1213	1	1
*15-1195		395147	751058	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-19	WOODBURY	12	13- 23	05-30	1012	-2	-2
*15-1197		395150	751124	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-21	WOODBURY	10	11- 20	05-30	1448	0	0
15-1198		395150	751124	US ARMY CORPS OF ENGINEERS-PHILA DISTRICT	NAT PARK ENW-22	WOODBURY	26	70- 80	05-21	1704	-1	-1
P101-15	PH-751	395444	750831	S A F AMERICA INC	PH 751 - SAFA 4	PHILADELPHIA	10	62- 77	06-04	1035	-2	-2
P101-16	PH-752	395443	750832	S A F AMERICA INC	PH 752 - SAFA 13	PHILADELPHIA	9	60 -75	06-04	1039	-5	-5

[1] Pennsylvania wells numbers were changed to include the letter "P" in front of a numbered county code and sequence number.
[2] Datum is sea level.
[3] Well depth.
Water-level measurement was made in April 1996 before the well was sealed.
* Water-level altitude not shown on figure 4.

POTENTIOMETRIC SURFACES OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM
NEAR NATIONAL PARK, NEW JERSEY, 1996
by
Robert Rosman
1997