RICHMOND COUNTY

403827074060101. Local number, R116.1

LOCATION.--Lat 40°38'27", long 74°06'01", Hydrologic Unit 02030104, at Snug Harbor Cultural Center, southeast corner of parking lot, Livingston, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Ground moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 70 ft, screened 30 to 40 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

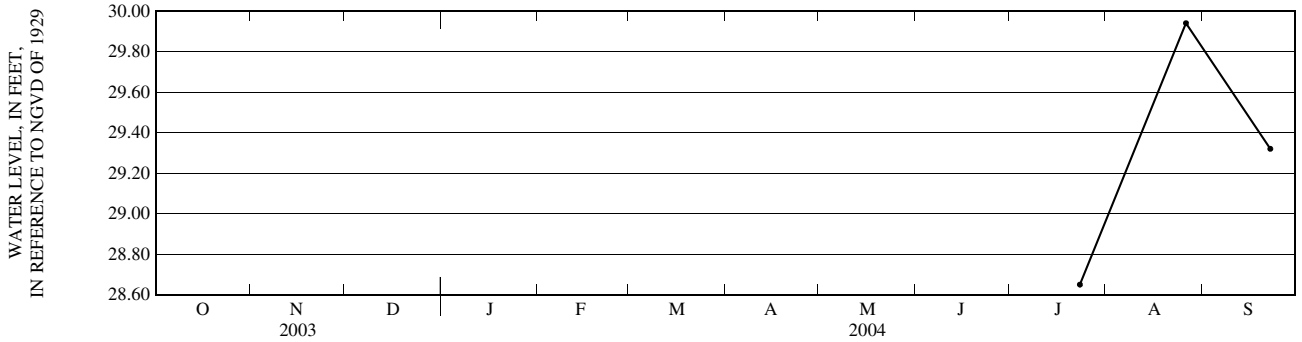
DATUM.--Land-surface datum is 57.1 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.94 ft above sea level, August 26, 2004; lowest measured, 28.65 ft above sea level, July 23, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 28.65 | AUG 26 | 29.94 | SEP 22 | 29.32 |




403813074075401 . Local number, R117.1

LOCATION.--Lat 40°38'13", long 74°07'54", Hydrologic Unit 02030104, at Veteran's Park, northwest dead end of Vreeland Street and Heberton Avenue, Port Richmond, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Ground moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 66 ft, screened 56 to 61 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

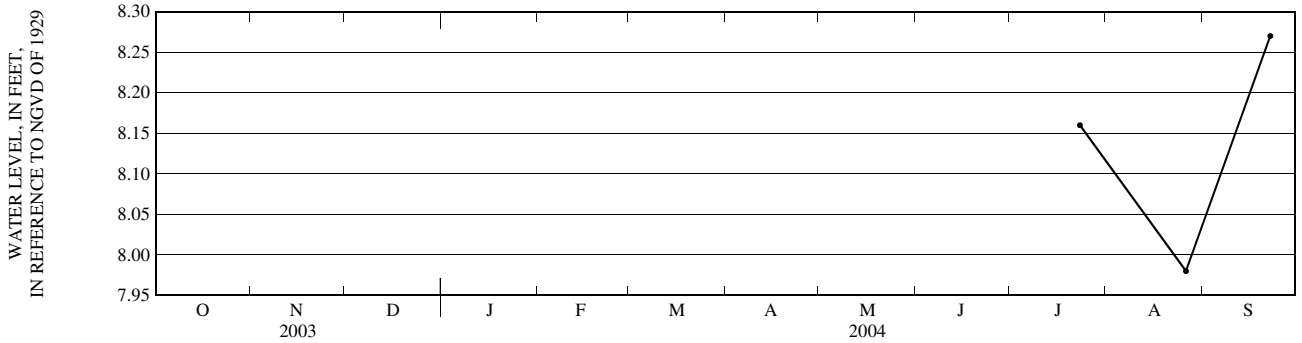
DATUM.--Land-surface datum is 32.0 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.27 ft above sea level, September 22, 2004; lowest measured, 7.98 ft above sea level, August 26, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 8.16 | AUG 26 | 7.98 | SEP 22 | 8.27 |



RICHMOND COUNTY—Continued

403637074090001. Local number, R118.1

LOCATION.--Lat 40°36'37", long 74°09'00", Hydrologic Unit 02030104, at south side of Wyona Avenue, southwest of Woodbine Avenue, Westerleigh, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Ground moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 59 ft, screened 49 to 54 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

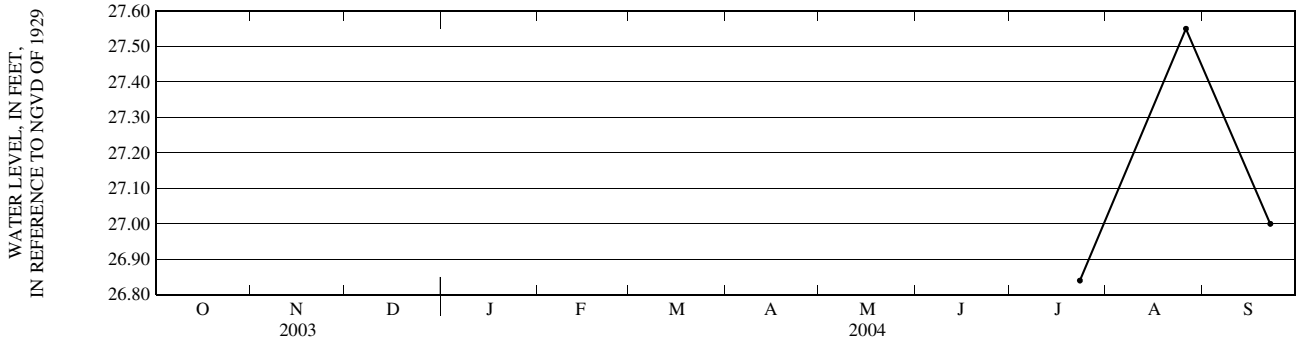
DATUM.--Land-surface datum is 42.0 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.55 ft above sea level, August 26, 2004; lowest measured, 26.84 ft above sea level, July 23, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 26.84 | AUG 26 | 27.55 | SEP 22 | 27.00 |




403308074120901. Local number, R119.1

LOCATION.--Lat 40°33'08", long 74°12'08", Hydrologic Unit 02030104, at South Shore Golf Course, southwest corner of parking lot on west side of Huguenot Avenue, Arden Heights, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Ground moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 41 ft, screened 31 to 36 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

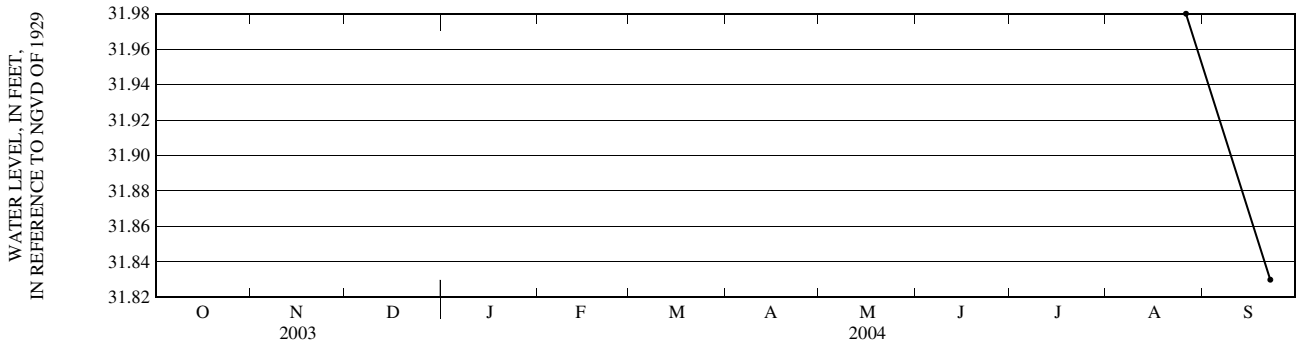
DATUM.--Land-surface datum is 61.6 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--August to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.98 ft above sea level, August 26, 2004; lowest measured, 31.83 ft above sea level, September 22, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|
| AUG 26 | 31.98 | SEP 22 | 31.83 |



RICHMOND COUNTY—Continued

403234074120001. Local number, R120.1

LOCATION.--Lat 40°32'34", long 74°11'59", Hydrologic Unit 02030104, at south side of Woodrow Road, 122 ft east of Ellsworth Avenue, Woodrow, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Raritan formation of Upper Cretaceous age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 99 ft, screened 89 to 99 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

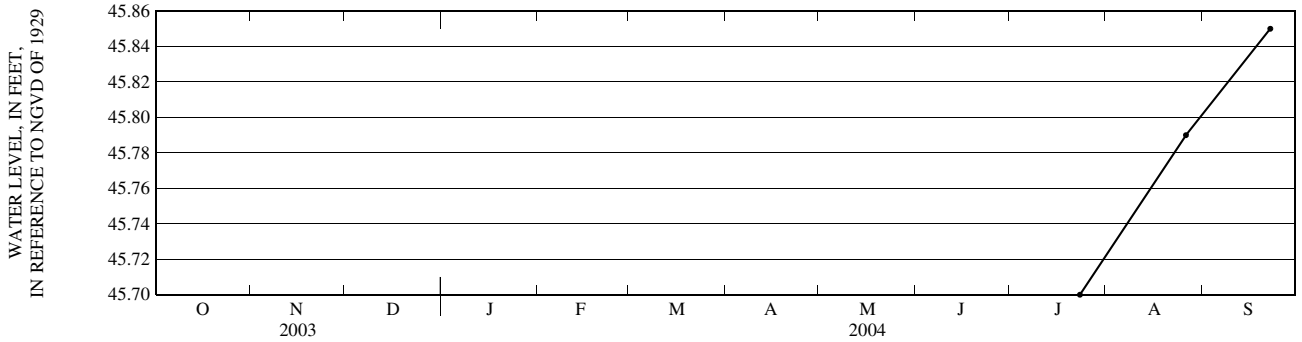
DATUM.--Land-surface datum is 136.7 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.85 ft above sea level, September 22, 2004; lowest measured, 45.70 ft above sea level, July 23, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 45.70 | AUG 26 | 45.79 | SEP 22 | 45.85 |




403219074111101. Local number, R121.1

LOCATION.--Lat 40°32'18", long 74°11'11", Hydrologic Unit 02030104, at northwest corner of North Railroad Street and Ida Court, southeast corner of playground, Huguenot, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Raritan formation of Upper Cretaceous age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 75 ft, screened 65 to 70 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

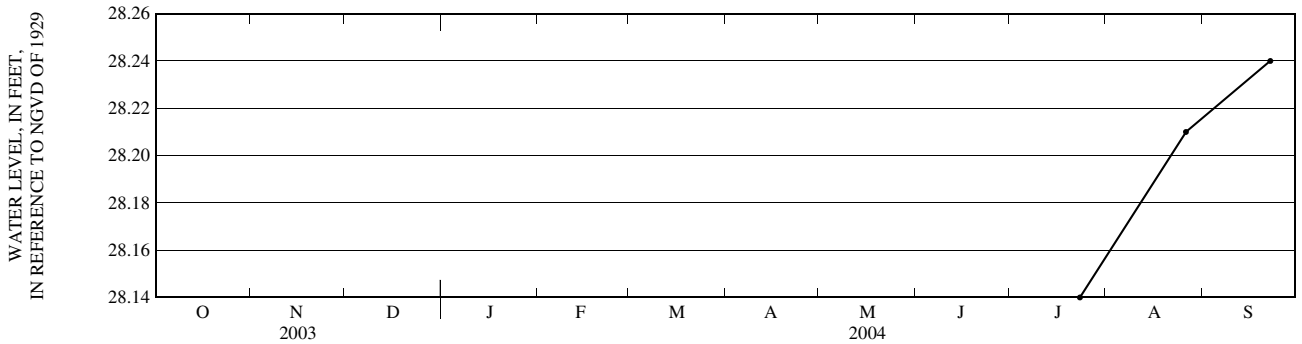
DATUM.--Land-surface datum is 87.4 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.24 ft above sea level, September 22, 2004; lowest measured, 28.14 ft above sea level, July 23, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 28.14 | AUG 26 | 28.21 | SEP 22 | 28.24 |



RICHMOND COUNTY—Continued

403436074055501. Local number, R122.1

LOCATION.--Lat 40°34'36", long 74°05'54", Hydrologic Unit 02030104, at Midland Field Park, west side of Bedford Avenue, across from Laconia Avenue, Midland Beach, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Ground moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 35 to 40 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

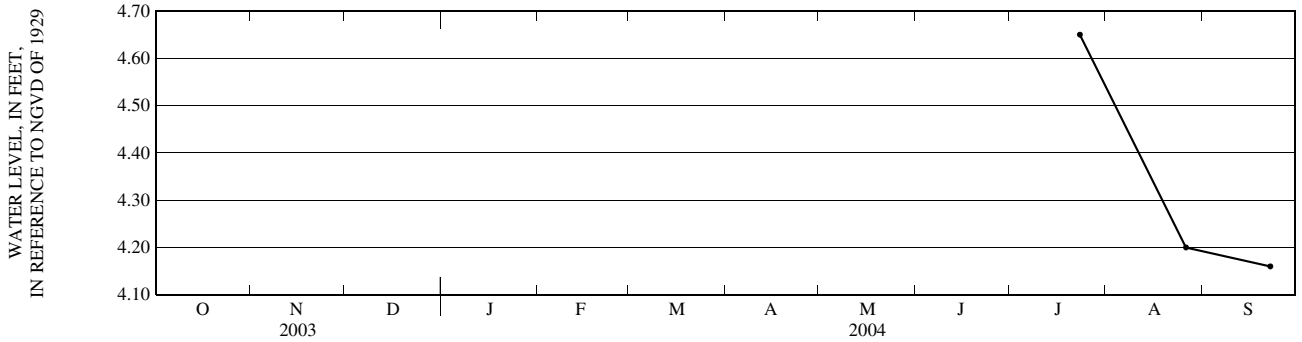
DATUM.--Land-surface datum is 13.6 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.65 ft above sea level, July 23, 2004; lowest measured, 4.16 ft above sea level, September 22, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 4.65 | AUG 26 | 4.20 | SEP 22 | 4.16 |




403513074055701. Local number, R123.1

LOCATION.--Lat 40°35'13", long 74°05'56", Hydrologic Unit 02030104, at southeast corner of McArthur Park, dead end of Dongan Hills Avenue, southwest of North Railroad Avenue, Dongan Hills, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Ground moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 31 ft, screened 21 to 26 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

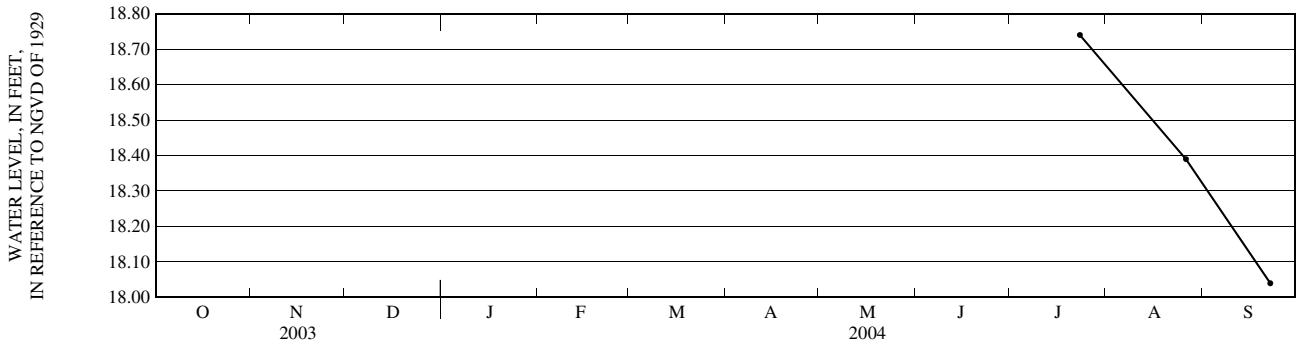
DATUM.--Land-surface datum is 30.60 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.74 ft above sea level, July 23, 2004; lowest measured, 18.04 ft above sea level, September 22, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 18.74 | AUG 26 | 18.39 | SEP 22 | 18.04 |



RICHMOND COUNTY—Continued

403615074043301. Local number, R124.1

LOCATION.--Lat 40°36'15", long 74°04'33", Hydrologic Unit 02030104, at northeast corner of Hylan Boulevard and Olga Place, Grasmere, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Ground moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 89.5 ft, screened 79.5 to 84.5 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

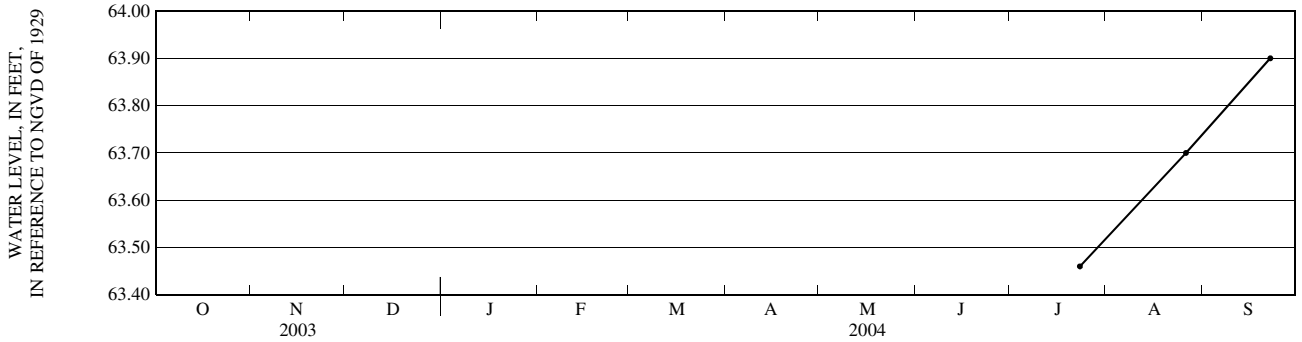
DATUM.--Land-surface datum is 137.3 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.90 ft above sea level, September 22, 2004; lowest measured, 63.46 ft above sea level, July 23, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 63.46 | AUG 26 | 63.70 | SEP 22 | 63.90 |




403735074071401. Local number, R128.1

LOCATION.--Lat 40°37'35", long 74°07'13", Hydrologic Unit 02030104, at northeast corner of Clove Lakes Park, west side of Clove Road, across from Ludwig Street, West Brighton, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Ground moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 55 ft, screened 35 to 55 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

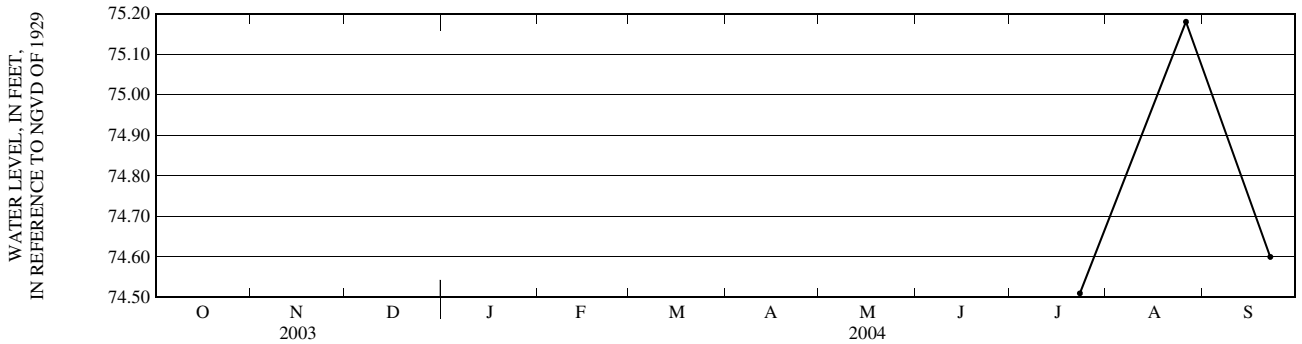
DATUM.--Land-surface datum is 96.6 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 75.18 ft above sea level, August 26, 2004; lowest measured, 74.51 ft above sea level, July 23, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 74.51 | AUG 26 | 75.18 | SEP 22 | 74.60 |



RICHMOND COUNTY—Continued

403047074125801. Local number, R129.1

LOCATION.--Lat 40°30'46", long 74°12'58", Hydrologic Unit 02030104, at Mission of the Immaculate Virgin, northwest corner of upper parking lot, across from Omega II building, westernmost well, Mount Loretto, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Harbor Hill terminal moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 79.5 ft, screened 74.5 to 79.5 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

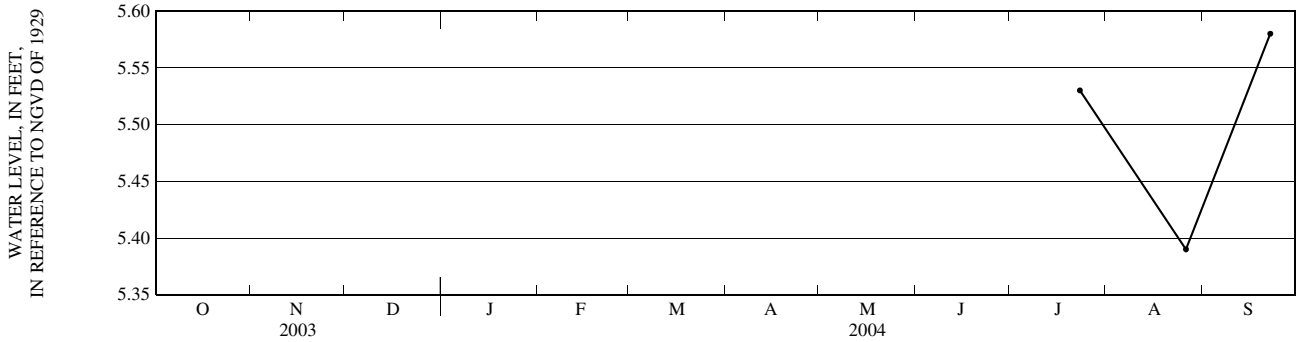
DATUM.--Land-surface datum is 51.2 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.58 ft above sea level, September 22, 2004; lowest measured, 5.39 ft above sea level, August 26, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 5.53 | AUG 26 | 5.39 | SEP 22 | 5.58 |




403047074125901. Local number, R130.1

LOCATION.--Lat 40°30'46", long 74°12'57", Hydrologic Unit 02030104, at Mission of the Immaculate Virgin, northwest corner of upper parking lot, across from Omega II building, easternmost well, Mount Loretto, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Harbor Hill terminal moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 20 ft, screened 10 to 20 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

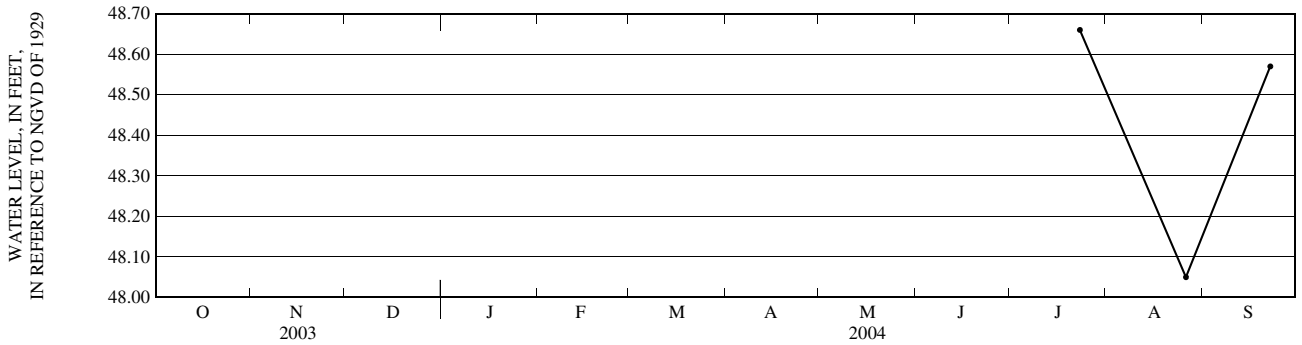
DATUM.--Land-surface datum is 51.2 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.66 ft above sea level, July 23, 2004; lowest measured, 48.05 ft above sea level, August 26, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 48.66 | AUG 26 | 48.05 | SEP 22 | 48.57 |



RICHMOND COUNTY—Continued

403040074144801. Local number, R131.1

LOCATION.--Lat 40°30'40", long 74°14'48", Hydrologic Unit 02030104, at southwest corner of Johnson Avenue and Craig Avenue, southernmost well, Tottenville, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Harbor Hill terminal moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 69 ft, screened 59 to 64 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

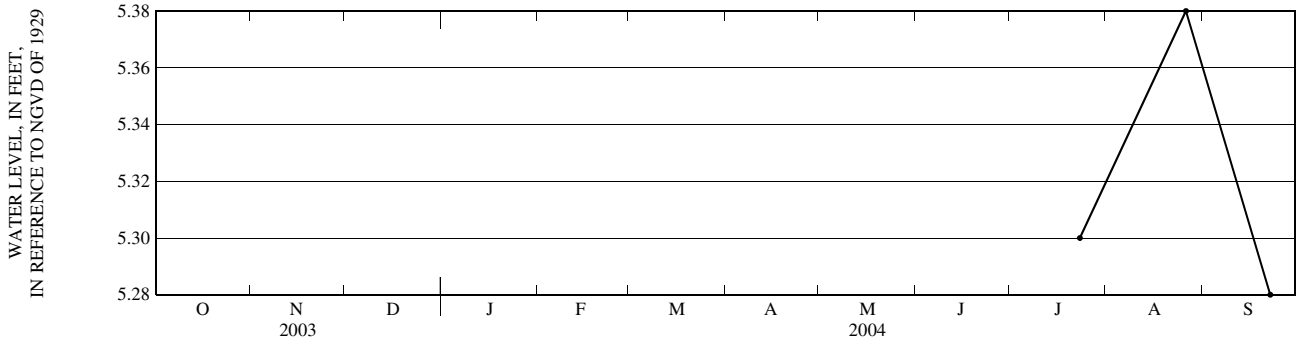
DATUM.--Land-surface datum is 59.2 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.38 ft above sea level, August 26, 2004; lowest measured, 5.28 ft above sea level, September 22, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 5.30 | AUG 26 | 5.38 | SEP 22 | 5.28 |




403040074144901. Local number, R132.1

LOCATION.--Lat 40°30'40", long 74°14'48", Hydrologic Unit 02030104, at southwest corner of Johnson Avenue and Craig Avenue, northernmost well, Tottenville, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Harbor Hill terminal moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 10 ft, screened 5 to 10 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

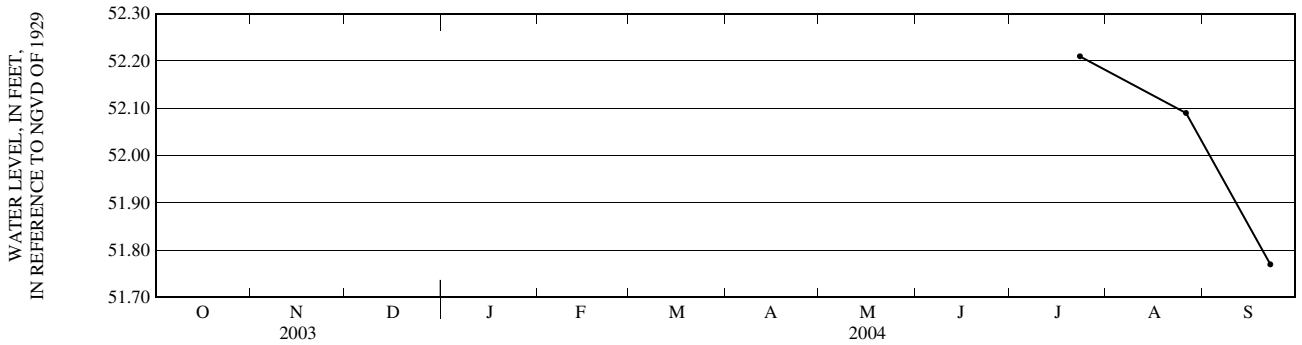
DATUM.--Land-surface datum is 59.1 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.21 ft above sea level, July 23, 2004; lowest measured, 51.77 ft above sea level, September 22, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 52.21 | AUG 26 | 52.09 | SEP 22 | 51.77 |



RICHMOND COUNTY—Continued

403143074115301. Local number, R133.1

LOCATION.--Lat 40°31'43", long 74°11'53", Hydrologic Unit 02030104, at south side of Amboy Road, west of Vernon Avenue, Princes Bay, Staten Island. Owner: United States Geological Survey.

AQUIFER.--Harbor Hill terminal moraine of Pleistocene age.

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 70 ft, screened 60 to 65 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 61.0 ft above sea level. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--July to September, 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.34 ft above sea level, July 23, 2004; lowest measured, 24.25 ft above sea level, August 26, 2004.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DATE | WATER LEVEL | DATE | WATER LEVEL | DATE | WATER LEVEL |
|---|---|---|---|---|---|
| JUL 23 | 24.34 | AUG 26 | 24.25 | SEP 22 | 24.29 |