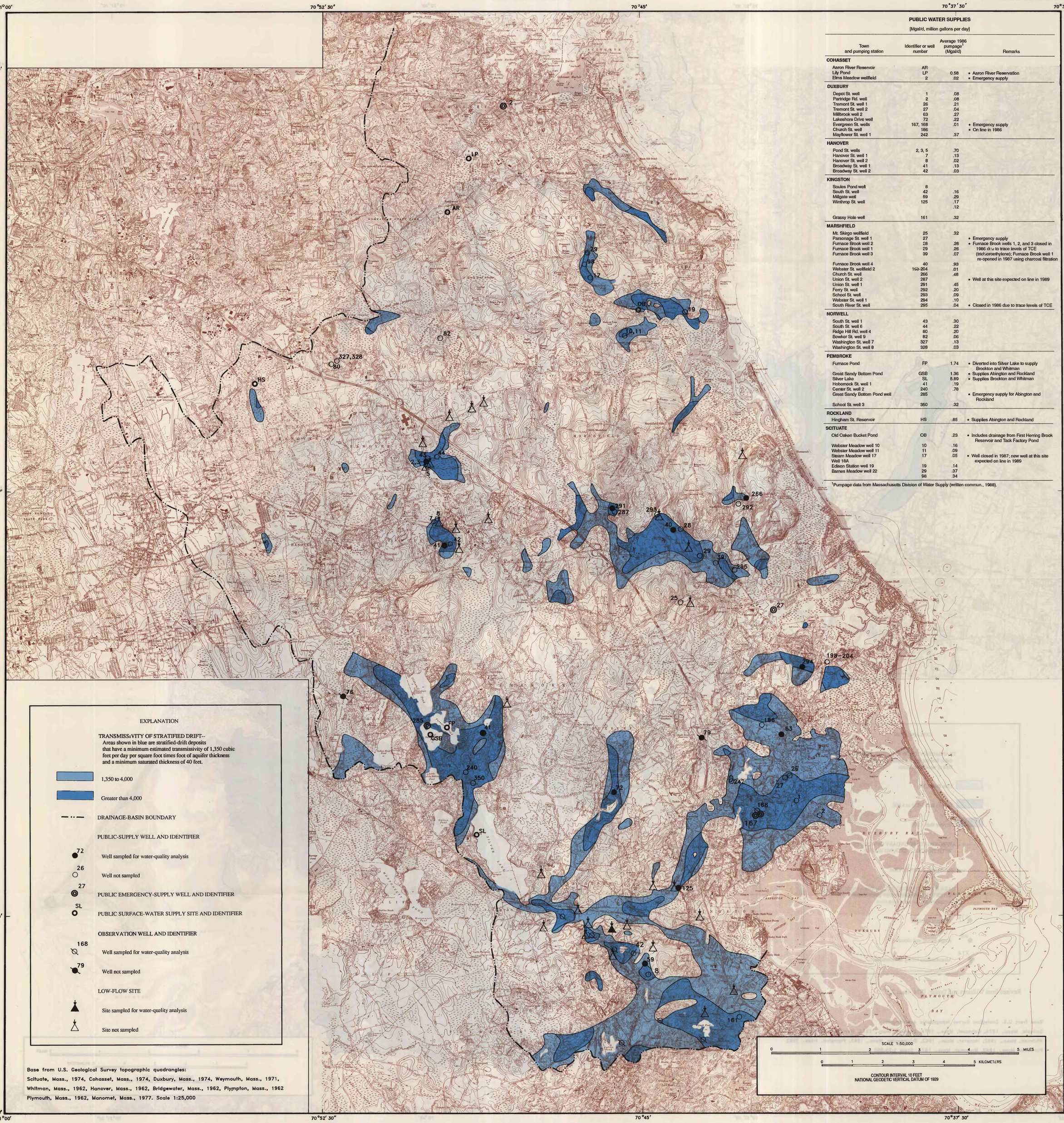
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES

WATER-RESOURCES INVESTIGATIONS REPORT 91-4112
Stratified-drift aquifers,Public supply and data collection sites, North River area-PLATE 2
Persky, J.H., 1993, Yields and water quality of stratified-drift aquifers in the southeast coastal basin, Cohasset to Kingston, Massachusetts




**PUBLIC WATER SUPPLIES**

[Mgal/d, million gallons per day]

| Town and pumping station | Identifier or well number | Average 1986 pumpage[1] (Mgal/d) | Remarks |
|---|---|---|---|
| **COHASSET** | | | |
| Aaron River Reservoir | AR | | |
| Lily Pond | LP | 0.58 | • Aaron River Reservation |
| Elms Meadow wellfield | 2 | .02 | • Emergency supply |
| **DUXBURY** | | | |
| Depot St. well | 1 | .08 | |
| Partridge Rd. well | 2 | .08 | |
| Tremont St. well 1 | 26 | .21 | |
| Tremont St. well 2 | 27 | .04 | |
| Millbrook well 2 | 63 | .27 | |
| Lakeshore Drive well | 72 | .22 | |
| Evergreen St. wells | 167, 168 | .01 | • Emergency supply |
| Church St. well | 186 | | • On line in 1986 |
| Mayflower St. well 1 | 242 | .37 | |
| **HANOVER** | | | |
| Pond St. wells | 2, 3, 5 | .70 | |
| Hanover St. well 1 | 7 | .13 | |
| Hanover St. well 2 | 8 | .02 | |
| Broadway St. well 1 | 41 | .13 | |
| Broadway St. well 2 | 42 | .03 | |
| **KINGSTON** | | | |
| Soules Pond well | 8 | | |
| South St. well | 42 | .16 | |
| Millgate well | 59 | .29 | |
| Winthrop St. well | 125 | .17 | |
| | | .12 | |
| Grassy Hole well | 161 | .32 | |
| **MARSHFIELD** | | | |
| Mt. Skirgo wellfield | 25 | .32 | |
| Parsonage St. well 1 | 27 | | • Emergency supply |
| Furnace Brook well 2 | 28 | .26 | • Furnace Brook wells 1, 2, and 3 closed in 1986 due to trace levels of TCE (trichloroethylene); Furnace Brook well 1 re-opened in 1987 using charcoal filtration |
| Furnace Brook well 1 | 29 | .26 | |
| Furnace Brook well 3 | 39 | .07 | |
| Furnace Brook well 4 | 40 | .93 | |
| Webster St. wellfield 2 | 198-204 | .01 | |
| Church St. well | 266 | .48 | |
| Union St. well 2 | 267 | | • Well at this site expected on line in 1989 |
| Union St. well 1 | 291 | .45 | |
| Ferry St. well | 292 | .20 | |
| School St. well | 293 | .09 | |
| Webster St. well 1 | 294 | .10 | |
| South River St. well | 295 | .04 | • Closed in 1986 due to trace levels of TCE |
| **NORWELL** | | | |
| South St. well 1 | 43 | .30 | |
| South St. well 6 | 44 | .22 | |
| Ridge Hill Rd. well 4 | 80 | .20 | |
| Bowker St. well 9 | 82 | .06 | |
| Washington St. well 7 | 327 | .13 | |
| Washington St. well 8 | 328 | .03 | |
| **PEMBROKE** | | | |
| Furnace Pond | FP | 1.74 | • Diverted into Silver Lake to supply Brockton and Whitman |
| Great Sandy Bottom Pond | GSB | 1.36 | • Supplies Abington and Rockland |
| Silver Lake | SL | 5.89 | • Supplies Brockton and Whitman |
| Hobomock St. well 1 | 41 | .19 | |
| Center St. well 2 | 240 | .78 | |
| Great Sandy Bottom Pond well | 285 | | • Emergency supply for Abington and Rockland |
| School St. well 3 | 350 | .32 | |
| **ROCKLAND** | | | |
| Hingham St. Reservoir | HS | .85 | • Supplies Abington and Rockland |
| **SCITUATE** | | | |
| Old Oaken Bucket Pond | OB | .23 | • Includes drainage from First Herring Brook Reservoir and Tack Factory Pond |
| Webster Meadow well 10 | 10 | .16 | |
| Webster Meadow well 11 | 11 | .09 | |
| Stearn Meadow well 17 | 17 | .05 | • Well closed in 1987; new well at this site expected on line in 1989 |
| Well 18A | | | |
| Edison Station well 19 | 19 | .14 | |
| Barnes Meadow well 22 | 29 | .37 | |
| | 98 | .34 | |

[1]Pumpage data from Massachusetts Division of Water Supply (written commun., 1986).

# MAJOR STRATIFIED-DRIFT AQUIFERS, LOCATION OF PUBLIC-SUPPLY SOURCES AND HYDROLOGIC DATA-COLLECTION SITES, SOUTHEAST COASTAL BASIN, MASSACHUSETTS

By
J.H. Persky
1993