
APPENDIX B

**TABLES OF WATER-DISTRIBUTION SYSTEM GROUNDWATER WELL
PRODUCTION AND OPERATING DATA,
DOVER TOWNSHIP AREA, NEW JERSEY, 1962-96**

Table B-1. Water-distribution system production and operating data, Dover Township area, New Jersey, 1962

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
13 (600)	1,400,000 (2.0)	1,000,000 (1.0)	2,109,000 (2.0)	2,000,000 (2.0)	7,800,000 (7.0)	7,500,000 (7.0)	6,000,000 (5.0)	4,500,000 (4.0)	5,000,000 (5.0)	4,184,625 (4.0)	2,013,352 (2.0)	2,038,259 (2.0)
14 (600)	1,494,000 (2.0)	1,075,000 (1.0)	1,100,000 (1.0)	3,497,000 (3.0)	7,044,000 (6.0)	7,289,000 (7.0)	8,273,000 (7.0)	6,262,000 (6.0)	8,762,000 (8.0)	5,823,139 (5.0)	3,520,345 (3.0)	3,563,896 (3.0)
Brookside well												
15 (700)	18,919,000 (15.0)	18,093,000 (15.0)	20,485,000 (16.0)	20,118,000 (16.0)	25,196,000 (19.0)	23,033,000 (18.0)	24,424,000 (19.0)	22,156,000 (17.0)	21,881,000 (17.0)	20,603,236 (16.0)	20,252,303 (16.0)	20,502,846 (16.0)
TOTAL PRODUCTION												
	21,813,000	20,168,000	23,694,000	25,615,000	40,040,000	37,822,000	38,697,000	32,918,000	35,643,000	30,611,000	25,786,000	26,105,000

1. Data from Board of Public Utilities, State of New Jersey (1962) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-2. Water-distribution system production and operating data, Dover Township area, New Jersey, 1963

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
13 (600)	3,073,272 (3.0)	2,517,595 (3.0)	3,817,266 (3.0)	4,174,364 (4.0)	8,961,182 (8.0)	9,795,171 (9.0)	8,850,988 (8.0)	7,450,097 (7.0)	6,539,206 (6.0)	6,485,518 (6.0)	3,769,757 (4.0)	3,778,580 (3.0)
14 (600)	3,194,697 (3.0)	2,611,553 (3.0)	2,596,109 (2.0)	6,352,158 (6.0)	8,215,227 (7.0)	9,555,184 (9.0)	11,724,882 (11.0)	9,871,977 (9.0)	10,507,655 (10.0)	8,529,712 (8.0)	5,644,703 (5.0)	5,660,130 (5.0)
Brookside well												
15 (700)	21,909,031 (17.0)	20,136,852 (17.0)	22,262,625 (17.0)	26,737,478 (21.0)	22,331,591 (17.0)	23,667,645 (19.0)	28,351,130 (22.0)	27,923,926 (21.0)	20,552,138 (16.0)	23,174,769 (18.0)	22,667,540 (18.0)	22,756,290 (17.0)
TOTAL PRODUCTION												
	28,177,000	25,266,000	28,676,000	37,264,000	39,508,000	43,018,000	48,927,000	45,246,000	37,599,000	38,190,000	32,082,000	32,195,000

1. Data from Board of Public Utilities, State of New Jersey (1963) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{C \times D \times 60}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-3. Water-distribution system production and operating data, Dover Township area, New Jersey, 1964

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
13 (600)	5,405,252 (5.0)	4,823,019 (5.0)	6,258,473 (6.0)	5,576,426 (5.0)	15,712,841 (14.0)	16,224,527 (15.0)	11,279,513 (10.0)	11,285,809 (10.0)	10,726,310 (10.0)	8,659,472 (8.0)	6,052,527 (6.0)	5,934,838 (5.0)
14 (600)	5,548,064 (5.0)	4,936,188 (5.0)	4,829,206 (4.0)	7,551,484 (7.0)	14,553,918 (13.0)	15,870,889 (15.0)	14,360,518 (13.0)	14,372,494 (13.0)	16,149,087 (15.0)	10,824,477 (10.0)	8,172,230 (8.0)	7,998,436 (7.0)
Brookside well												
15 (700)	22,186,683 (17.0)	20,672,794 (17.0)	22,475,321 (17.0)	20,667,089 (16.0)	31,113,240 (24.0)	31,294,583 (24.0)	26,812,969 (21.0)	32,007,698 (24.0)	24,502,603 (19.0)	20,963,051 (16.0)	22,045,242 (18.0)	21,376,726 (16.0)
TOTAL PRODUCTION												
	33,140,000	30,432,000	33,563,000	33,795,000	61,380,000	63,390,000	52,453,000	57,666,000	51,378,000	40,447,000	36,270,000	35,310,000

1. Data from Board of Public Utilities, State of New Jersey (1964) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-4. Water-distribution system production and operating data, Dover Township area, New Jersey, 1965

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	0 (0.0)	0 (0.0)	2,506,241 (2.0)	4,663,758 (4.0)	4,519,078 (4.0)	4,670,000 (4.0)	4,565,000 (4.0)	4,108,000 (4.0)	3,000,000 (3.0)	0 (0.0)	0 (0.0)
16 (800)	11,895,884 (8.0)	11,371,557 (8.0)	12,801,764 (9.0)	8,481,126 (6.0)	15,100,334 (10.0)	15,975,375 (11.0)	15,000,000 (10.0)	16,000,000 (11.0)	13,500,000 (9.0)	10,000,000 (7.0)	15,030,000 (10.0)	13,878,000 (9.0)
18 (750)	0 (0.0)	0 (0.0)	0 (0.0)	6,295,172 (5.0)	15,100,34 (11.0)	15,975,375 (12.0)	15,000,000 (11.0)	16,000,000 (11.0)	13,500,000 (10.0)	7,439,000 (5.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	22,143,116 (17.0)	21,187,443 (18.0)	23,794,236 (18.0)	21,121,460 (17.0)	27,024,574 (21.0)	27,544,171 (22.0)	26,587,000 (21.0)	27,330,000 (21.0)	25,098,000 (20.0)	24,554,000 (19.0)	24,981,000 (20.0)	25,295,000 (19.0)
TOTAL PRODUCTION												
	34,039,000	32,559,000	36,596,000	38,404,000	61,889,000	64,014,000	61,257,000	63,895,000	56,206,000	44,993,000	40,011,000	39,173,000

1. Data from Board of Public Utilities, State of New Jersey (1965) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-5. Water-distribution system production and operating data, Dover Township area, New Jersey, 1966

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,000,000 (4.0)	5,000,000 (5.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
16 (800)	14,361,000 (10.0)	11,734,000 (9.0)	15,523,000 (10.0)	8,854,000 (6.0)	14,523,000 (10.0)	20,720,000 (14.0)	22,977,000 (15.0)	17,848,000 (12.0)	18,055,000 (13.0)	12,829,728 (9.0)	21,817,580 (15.0)	21,411,761 (14.0)
18 (750)	0 (0.0)	0 (0.0)	0 (0.0)	9,053,000 (7.0)	8,635,000 (6.0)	17,579,000 (13.0)	16,392,000 (12.0)	17,901,000 (13.0)	12,925,000 (10.0)	13,069,930 (9.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	25,167,000 (19.0)	22,258,000 (19.0)	20,441,000 (16.0)	25,130,000 (20.0)	25,679,000 (20.0)	26,776,000 (21.0)	28,976,000 (22.0)	28,603,000 (22.0)	28,891,000 (23.0)	25,989,341 (20.0)	26,278,420 (21.0)	25,567,239 (20.0)
South Toms River well												
17 (750)	0 (0.0)	0 (0.0)	5,783,000 (4.0)	3,373,000 (3.0)	5,253,000 (4.0)	8,487,000 (6.0)	9,483,000 (7.0)	5,588,000 (4.0)	4,928,000 (4.0)	4,130,000 (3.0)	0 (0.0)	0 (0.0)
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,707,000 (6.0)	1,864,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,023,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TOTAL PRODUCTION												
	39,528,000	33,992,000	41,747,000	46,410,000	54,090,000	77,562,000	88,558,000	71,804,000	64,799,000	56,019,000	48,096,000	46,979,000

¹Data from Board of Public Utilities, State of New Jersey (1966) and Michael P. McLinden, written communication, August 28, 1997.

²To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

³Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only

Table B-6. Water-distribution system production and operating data, Dover Township area, New Jersey, 1967

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	8,577,000 (8.0)	3,156,000 (3.0)	1,000,000 (1.0)	1,498,000 (2.0)	1,702,000 (2.0)	1,500,000 (2.0)	1,118,000 (1.0)
16 (800)	11,580,785 (8.0)	11,117,101 (8.0)	12,441,071 (8.0)	15,080,000 (10.0)	10,212,000 (7.0)	19,090,000 (13.0)	18,098,000 (12.0)	16,944,000 (11.0)	20,633,000 (14.0)	21,841,000 (15.0)	20,053,000 (14.0)	20,676,000 (14.0)
18 (750)	10,003,742 (7.0)	9,597,097 (8.0)	10,758,204 (8.0)	13,225,000 (10.0)	21,799,000 (16.0)	21,760,000 (16.0)	10,000,000 (7.0)	6,000,000 (4.0)	8,000,000 (6.0)	3,500,000 (3.0)	3,200,000 (2.0)	3,200,000 (2.0)
19 (600)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,654,000 (2.0)	3,000,000 (3.0)	1,996,000 (2.0)	1,498,000 (2.0)	2,500,000 (2.0)	675,000 (1.0)	800,000 (1.0)
Brookside well												
15 (700)	24,399,204 (19.0)	23,622,442 (20.0)	25,840,355 (20.0)	25,262,000 (20.0)	20,485,000 (16.0)	27,919,000 (22.0)	26,893,000 (21.0)	24,413,000 (19.0)	24,847,000 (20.0)	25,010,000 (19.0)	22,433,000 (18.0)	22,886,000 (18.0)
South Toms River well												
17 (750)	1,987,269 (2.0)	1,899,360 (2.0)	2,150,370 (2.0)	2,859,000 (2.0)	4,650,000 (3.0)	10,154,000 (8.0)	8,348,000 (6.0)	6,947,000 (5.0)	6,829,000 (5.0)	5,937,000 (4.0)	5,264,000 (4.0)	5,142,000 (4.0)
Indian Head well												
20 (500)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5,081,000 (5.0)	14,241,000 (16.0)	8,326,000 (9.0)	9,405,000 (10.0)	8,019,000 (9.0)	4,263,000 (5.0)	1,876,000 (2.0)	1,895,000 (2.0)
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,484,000 (4.0)	133,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,855,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TOTAL PRODUCTION												
	47,971,000	46,236,000	51,190,000	56,426,000	62,227,000	107,734,000	77,954,000	66,705,000	71,324,000	64,753,000	55,001,000	55,717,000

1. Data from Board of Public Utilities, State of New Jersey (1967) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:
 T_{avg} = average time a well was operated, in hours per day;
 Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

3. Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-7. Water-distribution system production and operating data, Dover Township area, New Jersey, 1968

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	5,000,000 (5.0)	2,314,000 (2.0)	1,482,000 (2.0)	3,255,000 (3.0)	2,382,000 (2.0)	4,786,000 (4.0)	9,169,000 (8.0)	4,927,000 (4.0)	5,028,000 (5.0)	12,232,000 (11.0)	856,000 (1.0)	1,175,000 (1.0)
16 (800)	2,233,000 (2.0)	17,460,000 (13.0)	20,171,000 (14.0)	21,563,000 (15.0)	21,563,000 (15.0)	19,870,000 (14.0)	23,193,000 (16.0)	21,863,000 (15.0)	21,260,000 (15.0)	22,872,000 (15.0)	19,367,000 (13.0)	21,926,000 (15.0)
18 (750)	10,000,000 (7.0)	3,200,000 (3.0)	2,500,000 (2.0)	14,844,000 (11.0)	14,807,000 (11.0)	17,841,000 (12.0)	18,505,000 (13.0)	20,412,000 (15.0)	18,685,000 (14.0)	11,862,000 (9.0)	10,139,000 (8.0)	8,902,000 (6.0)
19 (600)	6,042,000 (5.0)	2,000,000 (2.0)	1,800,000 (2.0)	4,266,000 (4.0)	4,448,000 (4.0)	5,364,000 (5.0)	14,992,000 (13.0)	7,617,000 (7.0)	9,395,000 (9.0)	3,677,000 (3.0)	2,428,000 (2.0)	507,000 (1.0)
Brookside well												
15 (700)	25,684,000 (20.0)	22,976,000 (19.0)	24,934,000 (19.0)	25,286,000 (20.0)	25,599,000 (20.0)	25,211,000 (20.0)	26,495,000 (20.0)	26,764,000 (20.0)	25,550,000 (20.0)	26,415,000 (20.0)	24,937,000 (20.0)	26,322,000 (20.0)
South Toms River well												
17 (750)	6,067,000 (4.0)	5,323,000 (4.0)	5,659,000 (4.0)	7,787,000 (6.0)	7,787,000 (6.0)	8,735,000 (7.0)	11,059,000 (8.0)	8,902,000 (6.0)	7,100,000 (5.0)	6,436,000 (5.0)	3,464,000 (3.0)	2,082,000 (2.0)
Indian Head well												
20 (500)	5,523,000 (6.0)	3,067,000 (4.0)	3,258,000 (4.0)	6,448,000 (7.0)	6,448,000 (7.0)	6,982,000 (8.0)	10,657,000 (11.0)	8,945,000 (10.0)	8,102,000 (9.0)	5,864,000 (6.0)	2,241,000 (3.0)	3,247,000 (4.0)
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,185,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,275,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

Table B-7. Water-distribution system production and operating data, Dover Township area, New Jersey, 1968—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
	60,549,000	56,340,000	59,804,000	83,449,000	83,034,000	91,249,000	114,070,000	99,430,000	95,120,000	89,358,000	63,432,000	64,161,000
	TOTAL PRODUCTION											

1. Data from Board of Public Utilities, State of New Jersey (1968) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

3. Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-8. Water-distribution system production and operating data, Dover Township area, New Jersey, 1969

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	0 (0.0)	0 (0.0)	10,697,000 (10.0)	15,861,000 (14.0)	12,846,000 (12.0)	5,890,000 (5.0)	5,875,000 (5.0)	6,093,000 (6.0)	4,226,000 (4.0)	0 (0.0)	0 (0.0)
16 (800)	18,741,979 (13.0)	16,175,866 (12.0)	19,911,185 (13.0)	3,482,000 (3.0)	20,744,000 (14.0)	20,760,000 (14.0)	21,809,000 (15.0)	21,041,000 (14.0)	21,099,000 (15.0)	20,938,000 (14.0)	18,255,000 (13.0)	21,073,000 (14.0)
18 (750)	8,314,846 (6.0)	7,176,395 (6.0)	8,833,563 (6.0)	17,399,000 (13.0)	12,868,000 (9.0)	27,511,000 (20.0)	24,383,000 (17.0)	24,764,000 (18.0)	22,515,000 (17.0)	18,781,000 (13.0)	12,677,000 (9.0)	9,349,000 (7.0)
19 (600)	7,276,047 (7.0)	6,279,825 (6.0)	7,729,958 (7.0)	15,282,000 (14.0)	20,746,000 (19.0)	19,550,000 (18.0)	17,192,000 (15.0)	19,910,000 (18.0)	17,749,000 (16.0)	14,360,000 (13.0)	11,167,000 (10.0)	8,181,000 (7.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5,943,000 (5.0)	10,730,000 (9.0)	3,246,000 (3.0)	4,250,000 (3.0)	961,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	22,890,064 (18.0)	19,756,003 (17.0)	24,318,045 (19.0)	24,500,000 (19.0)	26,693,000 (21.0)	25,231,000 (20.0)	26,495,000 (20.0)	27,467,000 (21.0)	24,961,000 (20.0)	24,430,000 (19.0)	22,507,000 (18.0)	25,737,000 (20.0)
South Toms River well												
17 (750)	4,998,335 (4.0)	4,313,974 (4.0)	5,310,153 (4.0)	6,873,000 (5.0)	10,406,000 (7.0)	10,910,000 (8.0)	9,295,000 (7.0)	9,052,000 (7.0)	7,346,000 (5.0)	6,559,000 (5.0)	2,281,000 (2.0)	5,620,000 (4.0)
Indian Head well												
20 (500)	3,708,729 (4.0)	3,200,938 (4.0)	3,940,096 (4.0)	4,343,000 (5.0)	9,257,000 (10.0)	11,240,000 (12.0)	10,235,000 (11.0)	11,724,000 (13.0)	6,299,000 (7.0)	6,274,000 (7.0)	5,713,000 (6.0)	4,170,000 (5.0)
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,158,000 (3.0)	4,145,000 (6.0)	1,993,000 (3.0)	1,731,000 (2.0)	1,296,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,312,000 (3.0)	4,291,000 (6.0)	2,140,000 (3.0)	1,727,000 (2.0)	1,355,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)

Table B-8. Water-distribution system production and operating data, Dover Township area, New Jersey, 1969—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
65,930,000	56,903,000	70,043,000	82,576,000	126,988,000	147,214,000	122,678,000	127,541,000	109,674,000	95,568,000	72,600,000	74,130,000	
	TOTAL PRODUCTION											

1. Data from Board of Public Utilities, State of New Jersey (1969) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

3. Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-9. Water-distribution system production and operating data, Dover Township area, New Jersey, 1970

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	108,000 (1.0)	22,000 (1.0)	121,000 (1.0)	3,494,000 (3.0)	4,148,000 (4.0)	8,648,000 (8.0)	7,199,000 (6.0)	6,833,000 (6.0)	1,030,000 (1.0)	150,000 (1.0)	40,000 (1.0)
16 (800)	18,541,000 (12.0)	21,803,000 (16.0)	1,336,000 (1.0)	12,439,000 (9.0)	27,793,000 (19.0)	25,267,000 (18.0)	28,546,000 (19.0)	28,729,000 (19.0)	28,897,000 (20.0)	30,797,000 (21.0)	29,768,000 (21.0)	30,982,000 (21.0)
18 (750)	9,508,000 (7.0)	6,464,000 (5.0)	19,113,000 (14.0)	11,320,000 (8.0)	18,315,000 (13.0)	18,569,000 (14.0)	20,679,000 (15.0)	18,183,000 (13.0)	18,003,000 (13.0)	12,476,000 (9.0)	13,824,000 (10.0)	13,842,000 (10.0)
19 (600)	9,993,000 (9.0)	7,241,000 (7.0)	18,166,000 (16.0)	15,579,000 (14.0)	7,649,000 (7.0)	13,718,000 (13.0)	19,044,000 (17.0)	16,954,000 (15.0)	18,912,000 (18.0)	15,245,000 (14.0)	770,000 (1.0)	2,741,000 (3.0)
21 (700)	0 (0.0)	151,000 (1.0)	195,000 (1.0)	631,000 (1.0)	798,000 (1.0)	660,000 (1.0)	3,926,000 (3.0)	1,428,000 (1.0)	1,011,000 (1.0)	173,000 (1.0)	76,000 (1.0)	31,000 (1.0)
Brookside well												
15 (700)	25,651,000 (20.0)	22,827,000 (19.0)	24,535,000 (19.0)	25,171,000 (20.0)	26,127,000 (20.0)	25,106,000 (20.0)	26,035,000 (20.0)	25,174,000 (19.0)	22,856,000 (18.0)	26,168,000 (20.0)	24,833,000 (20.0)	23,895,000 (18.0)
South Toms River well												
17 (750)	6,032,000 (4.0)	5,270,000 (4.0)	5,845,000 (4.0)	6,606,000 (5.0)	8,361,000 (6.0)	9,432,000 (7.0)	10,006,000 (7.0)	9,973,000 (7.0)	8,405,000 (6.0)	6,881,000 (5.0)	4,747,000 (4.0)	4,265,000 (3.0)
Indian Head well												
20 (500)	4,692,000 (5.0)	997,000 (1.0)	5,042,000 (5.0)	6,797,000 (8.0)	7,797,000 (8.0)	10,017,000 (11.0)	11,099,000 (12.0)	9,585,000 (10.0)	8,635,000 (10.0)	7,489,000 (8.0)	5,777,000 (6.0)	3,699,000 (4.0)
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	154,000 (1.0)	1,885,000 (3.0)	3,716,000 (5.0)	5,658,000 (8.0)	4,406,000 (6.0)	5,901,000 (8.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,947,000 (3.0)	3,816,000 (5.0)	7,153,000 (10.0)	12,593,000 (17.0)	11,005,000 (15.0)	0 (0.0)	0 (0.0)	0 (0.0)

Table B-9. Water-distribution system production and operating data, Dover Township area, New Jersey, 1970—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
	74,417,000	64,861,000	74,254,000	78,818,000	104,166,000	114,449,000	140,794,000	134,224,000	130,458,000	100,259,000	79,945,000	79,495,000
	TOTAL PRODUCTION											

1. Data from Board of Public Utilities, State of New Jersey (1970) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

3. Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-10. Water-distribution system production and operating data, Dover Township area, New Jersey, 1971

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	60,000 (1.0)	0 (0.0)	198,000 (1.0)	2,696,000 (3.0)	3,179,000 (3.0)	10,759,000 (10.0)	11,129,000 (10.0)	8,006,000 (7.0)	3,615,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)
16 (800)	31,589,000 (21.0)	28,582,000 (21.0)	28,203,000 (19.0)	30,091,000 (21.0)	31,331,000 (21.0)	30,299,000 (21.0)	31,224,000 (21.0)	31,778,000 (21.0)	31,082,000 (22.0)	32,199,000 (22.0)	30,308,000 (21.0)	31,049,000 (21.0)
18 (750)	8,025,000 (6.0)	9,487,000 (8.0)	20,707,000 (15.0)	22,297,000 (17.0)	21,416,000 (15.0)	24,245,000 (18.0)	24,744,000 (18.0)	19,747,000 (14.0)	12,657,000 (9.0)	15,040,000 (11.0)	4,797,000 (4.0)	9,174,000 (7.0)
19 (600)	7,229,000 (7.0)	3,685,000 (4.0)	1,626,000 (2.0)	9,287,000 (9.0)	18,031,000 (16.0)	19,544,000 (18.0)	21,853,000 (20.0)	20,903,000 (19.0)	14,136,000 (13.0)	14,247,000 (13.0)	9,487,000 (9.0)	15,286,000 (14.0)
21 (700)	68,000 (1.0)	0 (0.0)	0 (0.0)	1,596,000 (2.0)	745,000 (1.0)	14,889,000 (12.0)	15,752,000 (12.0)	2,475,000 (2.0)	736,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	25,750,000 (20.0)	14,966,000 (13.0)	23,597,000 (18.0)	23,844,000 (19.0)	24,459,000 (19.0)	25,570,000 (20.0)	27,160,000 (21.0)	27,034,000 (21.0)	24,812,000 (20.0)	24,769,000 (19.0)	25,540,000 (20.0)	27,803,000 (21.0)
South Toms River well												
17 (750)	3,866,000 (3.0)	5,293,000 (4.0)	6,932,000 (5.0)	6,159,000 (5.0)	10,198,000 (7.0)	14,105,000 (10.0)	9,495,000 (7.0)	6,520,000 (5.0)	3,180,000 (2.0)	2,327,000 (2.0)	1,472,000 (1.0)	0 (0.0)
Indian Head well												
20 (500)	3,715,000 (4.0)	10,699,000 (13.0)	4,593,000 (5.0)	10,100,000 (11.0)	9,321,000 (10.0)	13,163,000 (15.0)	11,156,000 (12.0)	8,496,000 (9.0)	8,949,000 (10.0)	3,343,000 (4.0)	7,742,000 (9.0)	12,728,000 (14.0)
Parkway wells												
22 (650)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,348,000 (2.0)	20,876,000 (17.0)	5,119,000 (4.0)	2,969,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)
23 (350)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,172,000 (2.0)	9,919,000 (15.0)	2,476,000 (4.0)	1,516,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)
26 (740)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	10,325,000 (8.0)	5,324,000 (4.0)	2,915,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)
27 (590)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,231,000 (2.0)	11,339,000 (10.0)	4,428,000 (4.0)	2,389,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)
Anchorage well³												
98 (400)	0 (0.0)	423,000 (1.0)	0 (0.0)	2,298,000 (3.0)	4,230,000 (6.0)	10,180,000 (14.0)	12,732,000 (17.0)	12,090,000 (16.0)	11,597,000 (16.0)	11,864,000 (16.0)	3,733,000 (5.0)	0 (0.0)

Table B-10. Water-distribution system production and operating data, Dover Township area, New Jersey, 1971 (Continued)

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
99 (400)	0 (0.0)	356,000 (1.0)	0 (0.0)	2,736,000 (4.0)	6,599,000 (9.0)	11,682,000 (16.0)	12,628,000 (17.0)	12,042,000 (16.0)	11,456,000 (16.0)	11,841,000 (16.0)	5,066,000 (7.0)	0 (0.0)
	Silver Bay well³											
	80,302,000	73,491,000	85,856,000	111,104,000	129,509,000	180,187,000	230,332,000	166,438,000	132,009,000	115,630,000	88,145,000	96,040,000
	TOTAL PRODUCTION											

1. Data from Board of Public Utilities, State of New Jersey (1971) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{C \times D \times 60}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

3. Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-11. Water-distribution system production and operating data, Dover Township area, New Jersey, 1972

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	486,000 (1.0)	0 (0.0)	525,000 (1.0)	4,670,000 (4.0)	4,326,000 (4.0)	8,460,000 (8.0)	6,831,000 (6.0)	689,000 (1.0)	2,934,000 (3.0)	3,412,000 (3.0)	0 (0.0)	0 (0.0)
16 (800)	31,530,000 (21.0)	29,963,000 (22.0)	32,082,000 (22.0)	29,547,000 (21.0)	28,297,000 (19.0)	30,068,000 (21.0)	31,070,000 (21.0)	26,280,000 (18.0)	29,014,000 (20.0)	30,288,000 (20.0)	28,210,000 (20.0)	30,236,000 (20.0)
18 (750)	8,338,000 (6.0)	9,861,000 (8.0)	11,939,000 (9.0)	12,292,000 (9.0)	13,537,000 (10.0)	12,367,000 (9.0)	17,052,000 (12.0)	21,486,000 (15.0)	23,703,000 (18.0)	23,321,000 (17.0)	22,889,000 (17.0)	25,761,000 (18.0)
19 (600)	16,011,000 (14.0)	15,636,000 (15.0)	18,875,000 (17.0)	8,077,000 (8.0)	24,839,000 (22.0)	24,280,000 (22.0)	22,696,000 (20.0)	21,330,000 (19.0)	20,325,000 (19.0)	21,284,000 (19.0)	21,488,000 (20.0)	19,042,000 (17.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,618,000 (2.0)	1,212,000 (1.0)	4,603,000 (4.0)	8,264,000 (6.0)	813,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	28,634,000 (22.0)	26,489,000 (22.0)	27,281,000 (21.0)	25,495,000 (20.0)	25,007,000 (19.0)	25,532,000 (20.0)	27,295,000 (21.0)	27,364,000 (21.0)	25,406,000 (20.0)	25,854,000 (20.0)	25,118,000 (20.0)	26,089,000 (20.0)
South Toms River well												
17 (750)	239,000 (1.0)	14,000 (1.0)	4,027,000 (3.0)	3,847,000 (3.0)	9,766,000 (7.0)	8,571,000 (6.0)	10,090,000 (7.0)	10,534,000 (8.0)	553,000 (1.0)	5,061,000 (4.0)	5,955,000 (4.0)	5,520,000 (4.0)
Indian Head well												
20 (500)	14,807,000 (16.0)	13,977,000 (16.0)	14,460,000 (16.0)	12,347,000 (14.0)	11,822,000 (13.0)	9,180,000 (10.0)	12,739,000 (14.0)	7,414,000 (8.0)	5,470,000 (6.0)	9,673,000 (10.0)	9,631,000 (11.0)	10,703,000 (12.0)
Parkway wells												
22 (650)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,059,000 (3.0)	4,434,000 (4.0)	10,984,000 (9.0)	14,592,000 (12.0)	8,498,000 (7.0)	1,169,000 (1.0)	0 (0.0)	0 (0.0)
23 (350)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,465,000 (2.0)	2,097,000 (3.0)	5,054,000 (8.0)	6,897,000 (11.0)	4,127,000 (7.0)	856,000 (2.0)	0 (0.0)	0 (0.0)
24 (610)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,112,000 (1.0)	298,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
25 (510)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	852,000 (1.0)	1,623,000 (2.0)	9,606,000 (10.0)	6,246,000 (7.0)	1,270,000 (2.0)	0 (0.0)	0 (0.0)
26 (740)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,853,000 (2.0)	4,037,000 (3.0)	4,089,000 (3.0)	14,944,000 (11.0)	8,700,000 (7.0)	1,748,000 (2.0)	0 (0.0)	0 (0.0)
27 (590)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,783,000 (4.0)	5,236,000 (5.0)	7,487,000 (7.0)	11,560,000 (11.0)	6,816,000 (6.0)	1,401,000 (2.0)	0 (0.0)	0 (0.0)

Table B-11. Water-distribution system production and operating data, Dover Township area, New Jersey, 1972—Continued

Well Number capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	4,592,000 (6.0)	12,867,000 (17.0)	9,454,000 (13.0)	10,642,000 (14.0)	12,852,000 (17.0)	10,007,000 (14.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Anchorage well³											
99 (400)	0 (0.0)	419,000 (1.0)	2,049,000 (3.0)	4,532,000 (6.0)	5,333,000 (7.0)	9,071,000 (13.0)	10,464,000 (14.0)	12,541,000 (17.0)	9,832,000 (14.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Silver Bay well³											
TOTAL PRODUCTION												
	100,045,000	96,359,000	111,238,000	105,399,000	148,572,000	155,963,000	183,017,000	206,353,000	162,444,000	125,337,000	113,291,000	117,351,000

Data from Board of Public Utilities, State of New Jersey (1972) and Michael P. McLinden, written communication, August 28, 1997.

to determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-12. Water-distribution system production and operating data, Dover Township area, New Jersey, 1973

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	0 (0.0)	8,841,000 (8.0)	18,705,000 (17.0)	15,135,000 (14.0)	8,251,000 (8.0)	8,085,000 (7.0)	7,455,000 (7.0)	12,048,000 (11.0)	6,261,000 (6.0)	0 (0.0)	0 (0.0)
16 (800)	30,200,000 (20.0)	25,004,000 (19.0)	30,767,000 (21.0)	29,923,000 (21.0)	47,905,000 (24.0)	28,900,000 (20.0)	30,873,000 (21.0)	30,308,000 (20.0)	16,149,000 (11.0)	17,756,000 (12.0)	29,498,000 (20.0)	30,268,000 (20.0)
18 (750)	25,234,000 (18.0)	20,648,000 (16.0)	13,759,000 (10.0)	0 (0.0)	20,138,000 (14.0)	33,844,000 (24.0)	28,842,000 (21.0)	21,333,000 (15.0)	18,914,000 (14.0)	17,280,000 (12.0)	13,644,000 (10.0)	8,057,000 (6.0)
19 (600)	19,772,000 (18.0)	15,482,000 (15.0)	18,555,000 (17.0)	18,895,000 (18.0)	12,732,000 (11.0)	21,592,000 (20.0)	20,403,000 (18.0)	14,755,000 (13.0)	21,175,000 (20.0)	25,175,000 (23.0)	20,990,000 (19.0)	12,689,000 (11.0)
21 (700)	0 (0.0)	0 (0.0)	28,000 (1.0)	704,000 (1.0)	0 (0.0)	5,091,000 (4.0)	4,239,000 (3.0)	2,214,000 (2.0)	2,149,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	26,547,000 (20.0)	23,869,000 (20.0)	25,977,000 (20.0)	25,552,000 (20.0)	26,483,000 (20.0)	24,150,000 (19.0)	25,052,000 (19.0)	25,422,000 (20.0)	13,582,000 (11.0)	3,523,000 (3.0)	250,000 (1.0)	1,311,000 (1.0)
South Toms River well												
17 (750)	2,774,000 (2.0)	5,769,000 (5.0)	6,621,000 (5.0)	7,149,000 (5.0)	7,821,000 (6.0)	10,377,000 (8.0)	10,824,000 (8.0)	9,939,000 (7.0)	8,392,000 (6.0)	8,085,000 (6.0)	6,511,000 (5.0)	6,650,000 (5.0)
Indian Head well												
20 (500)	13,765,000 (15.0)	7,422,000 (9.0)	8,800,000 (9.0)	13,730,000 (15.0)	11,828,000 (13.0)	8,509,000 (9.0)	10,265,000 (11.0)	12,245,000 (13.0)	16,378,000 (18.0)	17,692,000 (19.0)	18,603,000 (21.0)	18,328,000 (20.0)
Parkway wells												
22 (650)	0 (0.0)	0 (0.0)	0 (0.0)	3,677,000 (3.0)	5,689,000 (5.0)	10,666,000 (9.0)	13,132,000 (11.0)	13,319,000 (11.0)	18,116,000 (15.0)	20,506,000 (17.0)	8,827,000 (8.0)	11,673,000 (10.0)
23 (350)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,278,000 (4.0)	3,908,000 (6.0)	5,803,000 (9.0)	2,278,000 (4.0)	251,000 (1.0)	0 (0.0)	0 (0.0)
24 (610)	0 (0.0)	0 (0.0)	0 (0.0)	3,397,000 (3.0)	1,277,000 (1.0)	7,278,000 (7.0)	10,541,000 (9.0)	12,278,000 (11.0)	16,526,000 (15.0)	18,981,000 (17.0)	8,058,000 (7.0)	10,979,000 (10.0)
25 (510)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,455,000 (5.0)	5,023,000 (5.0)	2,914,000 (3.0)	2,001,000 (2.0)	356,000 (1.0)	0 (0.0)	0 (0.0)
26 (740)	0 (0.0)	0 (0.0)	0 (0.0)	4,161,000 (3.0)	5,526,000 (4.0)	11,622,000 (9.0)	13,913,000 (10.0)	7,119,000 (5.0)	6,568,000 (5.0)	21,536,000 (16.0)	8,952,000 (7.0)	12,226,000 (9.0)
27 (590)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,391,000 (3.0)	5,955,000 (5.0)	8,229,000 (8.0)	3,818,000 (4.0)	400,000 (1.0)	0 (0.0)	0 (0.0)

Table B-12. Water-distribution system production and operating data, Dover Township area, New Jersey, 1973—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	9,163,000 (13.0)	12,834,000 (17.0)	12,755,000 (17.0)	4,577,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Anchorage well³											
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	8,905,000 (12.0)	12,671,000 (17.0)	12,442,000 (17.0)	7,657,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Silver Bay well³											
TOTAL PRODUCTION												
	118,292,000	98,194,000	113,348,000	125,893,000	154,534,000	198,472,000	216,560,000	198,530,000	170,328,000	157,802,000	115,333,000	112,181,000

Data from Board of Public Utilities, State of New Jersey (1973) and Michael P. McLinden, written communication, August 28, 1997.

To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-13. Water-distribution system production and operating data, Dover Township area, New Jersey, 1974

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	0 (0.0)	0 (0.0)	1,120,000 (1.0)	5,211,000 (5.0)	2,559,000 (2.0)	8,370,000 (8.0)	726,000 (1.0)	0 (0.0)	64,000 (1.0)	0 (0.0)	0 (0.0)
16 (800)	23,297,000 (16.0)	23,798,000 (18.0)	30,379,000 (20.0)	29,386,000 (20.0)	30,236,000 (20.0)	29,814,000 (21.0)	30,687,000 (21.0)	30,666,000 (21.0)	29,456,000 (20.0)	37,087,000 (24.0)	30,226,000 (21.0)	31,400,000 (21.0)
18 (750)	2,699,000 (2.0)	1,884,000 (2.0)	36,811,000 (24.0)	9,008,000 (7.0)	13,577,000 (10.0)	8,442,000 (6.0)	16,757,000 (12.0)	12,154,000 (9.0)	12,606,000 (9.0)	13,461,000 (10.0)	1,863,000 (2.0)	0 (0.0)
19 (600)	4,117,000 (4.0)	2,668,000 (3.0)	4,008,000 (4.0)	8,469,000 (8.0)	14,868,000 (13.0)	15,854,000 (15.0)	23,994,000 (22.0)	17,538,000 (16.0)	17,283,000 (16.0)	14,563,000 (13.0)	2,392,000 (2.0)	0 (0.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,003,000 (1.0)	3,227,000 (3.0)	14,063,000 (11.0)	119,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	2,684,000 (2.0)	4,804,000 (4.0)	5,057,000 (4.0)	13,644,000 (11.0)	4,961,000 (4.0)	3,296,000 (3.0)	2,735,000 (2.0)	0 (0.0)	0 (0.0)
South Toms River well												
17 (750)	4,750,000 (3.0)	6,027,000 (5.0)	6,801,000 (5.0)	8,004,000 (6.0)	9,684,000 (7.0)	10,314,000 (8.0)	12,765,000 (9.0)	9,871,000 (7.0)	7,959,000 (6.0)	8,008,000 (6.0)	6,858,000 (5.0)	7,376,000 (5.0)
Indian Head well												
20 (500)	2,413,000 (3.0)	8,430,000 (10.0)	10,379,000 (11.0)	21,702,000 (24.0)	21,134,000 (23.0)	19,607,000 (22.0)	18,396,000 (20.0)	21,556,000 (23.0)	20,883,000 (23.0)	21,509,000 (23.0)	19,912,000 (22.0)	22,089,000 (24.0)
Parkway wells												
22 (650)	21,870,000 (18.0)	20,791,000 (19.0)	20,896,000 (17.0)	16,727,000 (14.0)	17,163,000 (14.0)	12,754,000 (11.0)	21,468,000 (18.0)	13,555,000 (11.0)	19,725,000 (17.0)	19,401,000 (16.0)	20,169,000 (17.0)	18,835,000 (16.0)
23 (350)	0 (0.0)	0 (0.0)	0 (0.0)	629,000 (1.0)	3,364,000 (5.0)	5,952,000 (9.0)	10,256,000 (16.0)	7,070,000 (11.0)	754,000 (1.0)	3,645,000 (6.0)	0 (0.0)	0 (0.0)
24 (610)	20,201,000 (18.0)	12,746,000 (12.0)	17,785,000 (16.0)	13,336,000 (12.0)	14,587,000 (13.0)	10,380,000 (9.0)	18,298,000 (16.0)	11,392,000 (10.0)	18,457,000 (17.0)	17,503,000 (15.0)	18,527,000 (17.0)	17,402,000 (15.0)
25 (510)	0 (0.0)	0 (0.0)	0 (0.0)	758,000 (1.0)	5,332,000 (6.0)	9,413,000 (10.0)	15,921,000 (17.0)	10,150,000 (11.0)	1,067,000 (1.0)	3,965,000 (4.0)	0 (0.0)	0 (0.0)
26 (740)	22,609,000 (16.0)	20,156,000 (16.0)	21,797,000 (16.0)	19,062,000 (14.0)	17,720,000 (13.0)	13,516,000 (10.0)	22,476,000 (16.0)	14,109,000 (10.0)	20,729,000 (16.0)	19,885,000 (14.0)	20,602,000 (15.0)	19,499,000 (14.0)
27 (590)	0 (0.0)	0 (0.0)	0 (0.0)	998,000 (1.0)	6,330,000 (6.0)	9,927,000 (9.0)	15,659,000 (14.0)	11,342,000 (10.0)	1,195,000 (1.0)	1,509,000 (2.0)	0 (0.0)	0 (0.0)

Table B-13. Water-distribution system production and operating data, Dover Township area, New Jersey, 1974—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	1,085,000 (2.0)	7,966,000 (11.0)	12,336,000 (17.0)	13,087,000 (18.0)	12,152,000 (16.0)	2,335,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Anchorage well³											
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	1,055,000 (2.0)	7,256,000 (10.0)	12,090,000 (17.0)	12,707,000 (17.0)	12,036,000 (16.0)	2,377,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)
	Silver Bay well³											
TOTAL PRODUCTION												
	101,956,000	96,500,000	148,856,000	134,023,000	180,235,000	181,242,000	268,548,000	189,397,000	158,122,000	163,335,000	120,549,000	116,601,000

Data from Board of Public Utilities, State of New Jersey (1974) and Michael P. McLinden, written communication, August 28, 1997.

To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{C \times D \times 60}$ where:

- Q_p = production of water, in gallons per month;
- C = rated capacity of the well, in gallons per minute;
- D = number of days per month; and
- 60 = number of minutes per hour.

Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-14. Water-distribution system production and operating data, Dover Township area, New Jersey, 1975

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
16 (800)	31,210,000 (21.0)	27,744,000 (21.0)	31,010,000 (21.0)	28,814,000 (20.0)	29,771,000 (20.0)	29,963,000 (21.0)	31,094,000 (21.0)	31,521,000 (21.0)	30,314,000 (21.0)	30,818,000 (21.0)	31,189,000 (22.0)	18,390,000 (12.0)
18 (750)	0 (0.0)	0 (0.0)	0 (0.0)	11,088,000 (8.0)	21,472,000 (15.0)	13,724,000 (10.0)	15,721,000 (11.0)	15,294,000 (11.0)	11,797,000 (9.0)	6,860,000 (5.0)	3,940,000 (3.0)	13,670,000 (10.0)
19 (600)	0 (0.0)	0 (0.0)	0 (0.0)	5,052,000 (5.0)	9,327,000 (8.0)	7,973,000 (7.0)	9,596,000 (9.0)	10,027,000 (9.0)	8,183,000 (8.0)	4,724,000 (4.0)	2,825,000 (3.0)	9,211,000 (8.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	22,000 (1.0)	1,962,000 (2.0)	1,438,000 (1.0)	1,722,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	13,830,000 (11.0)	21,451,000 (17.0)	22,526,000 (17.0)	23,476,000 (18.0)	23,115,000 (18.0)	23,845,000 (18.0)	9,291,000 (7.0)	0 (0.0)
South Toms River well												
17 (750)	7,576,000 (5.0)	6,758,000 (5.0)	7,025,000 (5.0)	7,523,000 (6.0)	10,152,000 (7.0)	10,679,000 (8.0)	11,044,000 (8.0)	10,330,000 (7.0)	7,702,000 (6.0)	6,987,000 (5.0)	6,745,000 (5.0)	7,172,000 (5.0)
Indian Head well												
20 (500)	22,376,000 (24.0)	19,889,000 (24.0)	21,785,000 (23.0)	20,957,000 (23.0)	21,326,000 (23.0)	20,022,000 (22.0)	20,880,000 (22.0)	22,055,000 (24.0)	20,765,000 (23.0)	20,684,000 (22.0)	19,809,000 (22.0)	20,806,000 (22.0)
Parkway wells												
22 (650)	19,087,000 (16.0)	18,033,000 (17.0)	20,479,000 (17.0)	19,552,000 (17.0)	21,410,000 (18.0)	12,631,000 (11.0)	14,452,000 (12.0)	15,390,000 (13.0)	12,843,000 (11.0)	15,164,000 (13.0)	15,860,000 (14.0)	17,778,000 (15.0)
23 (350)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,127,000 (3.0)	5,560,000 (9.0)	7,461,000 (11.0)	7,753,000 (12.0)	1,699,000 (3.0)	91,000 (1.0)	0 (0.0)	0 (0.0)
24 (610)	17,480,000 (15.0)	16,748,000 (16.0)	19,027,000 (17.0)	17,956,000 (16.0)	17,276,000 (15.0)	9,704,000 (9.0)	9,391,000 (8.0)	9,988,000 (9.0)	11,407,000 (10.0)	12,801,000 (11.0)	14,878,000 (14.0)	16,385,000 (14.0)
25 (510)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,030,000 (3.0)	9,653,000 (11.0)	10,065,000 (11.0)	11,248,000 (12.0)	2,275,000 (3.0)	111,000 (1.0)	0 (0.0)	0 (0.0)
26 (740)	20,852,000 (15.0)	18,066,000 (15.0)	20,645,000 (15.0)	19,548,000 (15.0)	21,423,000 (16.0)	12,688,000 (10.0)	14,313,000 (10.0)	15,178,000 (11.0)	10,458,000 (8.0)	0 (0.0)	0 (0.0)	0 (0.0)
27 (590)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,880,000 (3.0)	10,254,000 (10.0)	11,736,000 (11.0)	12,306,000 (11.0)	6,964,000 (7.0)	133,000 (1.0)	0 (0.0)	0 (0.0)

Table B-14. Water-distribution system production and operating data, Dover Township area, New Jersey, 1975—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
28 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,482,000 (2.0)	7,944,000 (6.0)	11,318,000 (9.0)	12,275,000 (9.0)	10,212,000 (8.0)	12,200,000 (9.0)	12,855,000 (10.0)	14,179,000 (11.0)
29 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,899,000 (2.0)	9,448,000 (8.0)	10,499,000 (8.0)	11,335,000 (9.0)	10,118,000 (8.0)	12,281,000 (9.0)	12,935,000 (10.0)	14,435,000 (11.0)
Parkway wells—Continued												
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,227,000 (2.0)	5,084,000 (7.0)	5,044,000 (7.0)	1,782,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,347,000 (2.0)	4,821,000 (7.0)	5,098,000 (7.0)	2,218,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TOTAL PRODUCTION												
	118,581,000	107,238,000	119,971,000	130,490,000	182,001,000	193,561,000	211,676,000	213,898,000	167,852,000	146,699,000	130,327,000	132,026,000

Data from Board of Public Utilities, State of New Jersey (1975) and Michael P. McLinden, written communication, August 28, 1997.

To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-15. Water-distribution system production and operating data, Dover Township area, New Jersey, 1976

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
14 (600)	0 (0.0)	0 (0.0)	0 (0.0)	3,523,000 (3.0)	4,714,000 (4.0)	3,800,000 (4.0)	2,754,000 (3.0)	3,179,000 (3.0)	3,463,000 (3.0)	1,355,000 (2.0)	360,000 (1.0)	0 (0.0)
16 (800)	262,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	30,623,000 (21.0)	30,079,000 (21.0)	30,742,000 (21.0)	30,104,000 (20.0)	29,019,000 (20.0)	30,323,000 (20.0)	29,296,000 (20.0)	30,303,000 (20.0)
18 (750)	23,012,000 (17.0)	23,539,000 (18.0)	21,981,000 (16.0)	19,131,000 (14.0)	11,533,000 (8.0)	12,931,000 (10.0)	10,675,000 (8.0)	8,897,000 (6.0)	10,486,000 (8.0)	8,777,000 (6.0)	11,672,000 (9.0)	12,550,000 (9.0)
19 (600)	18,743,000 (17.0)	20,396,000 (20.0)	21,427,000 (19.0)	17,977,000 (17.0)	8,992,000 (8.0)	17,473,000 (16.0)	15,854,000 (14.0)	11,645,000 (10.0)	14,513,000 (13.0)	11,101,000 (10.0)	4,594,000 (4.0)	317,000 (1.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	6,024,000 (5.0)	2,528,000 (2.0)	16,908,000 (13.0)	11,471,000 (9.0)	3,113,000 (2.0)	2,749,000 (2.0)	33,000 (1.0)	67,000 (1.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	6,665,000 (5.0)	12,532,000 (10.0)	21,056,000 (17.0)	22,106,000 (17.0)	22,627,000 (17.0)	22,517,000 (18.0)	23,510,000 (18.0)	5,049,000 (4.0)	947,000 (1.0)
South Toms River well												
17 (750)	7,032,000 (5.0)	6,480,000 (5.0)	7,437,000 (5.0)	8,005,000 (6.0)	8,966,000 (6.0)	12,143,000 (9.0)	11,301,000 (8.0)	9,887,000 (7.0)	8,325,000 (6.0)	7,067,000 (5.0)	6,983,000 (5.0)	7,046,000 (5.0)
Indian Head well												
20 (500)	20,864,000 (22.0)	19,005,000 (22.0)	20,808,000 (22.0)	20,526,000 (23.0)	20,613,000 (22.0)	17,747,000 (20.0)	18,810,000 (20.0)	20,117,000 (22.0)	20,445,000 (23.0)	20,289,000 (22.0)	20,215,000 (22.0)	21,123,000 (23.0)
Parkway wells												
22 (650)	19,000,000 (16.0)	16,641,000 (15.0)	19,925,000 (16.0)	19,728,000 (17.0)	13,560,000 (11.0)	21,198,000 (18.0)	20,892,000 (17.0)	16,383,000 (14.0)	15,638,000 (13.0)	11,194,000 (9.0)	14,377,000 (12.0)	1,668,000 (2.0)
23 (350)	0 (0.0)	0 (0.0)	0 (0.0)	5,030,000 (8.0)	7,296,000 (11.0)	10,989,000 (17.0)	9,948,000 (15.0)	8,572,000 (13.0)	3,783,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)
24 (610)	18,227,000 (16.0)	15,568,000 (15.0)	18,268,000 (16.0)	17,445,000 (16.0)	11,595,000 (10.0)	17,643,000 (16.0)	17,798,000 (16.0)	13,299,000 (12.0)	13,795,000 (13.0)	10,304,000 (9.0)	12,706,000 (12.0)	13,566,000 (12.0)
25 (510)	100,000 (1.0)	0 (0.0)	0 (0.0)	6,560,000 (7.0)	10,398,000 (11.0)	16,679,000 (18.0)	15,852,000 (17.0)	11,915,000 (13.0)	7,765,000 (8.0)	0 (0.0)	0 (0.0)	0 (0.0)
26 (740)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	6,844,000 (5.0)	20,304,000 (15.0)	19,322,000 (14.0)	15,166,000 (11.0)	14,542,000 (11.0)	10,329,000 (8.0)	11,779,000 (9.0)	8,087,000 (6.0)
27 (590)	139,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	10,718,000 (10.0)	12,246,000 (11.0)	5,402,000 (5.0)	0 (0.0)	0 (0.0)	0 (0.0)

Table B-15. Water-distribution system production and operating data, Dover Township area, New Jersey, 1976—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 da
Parkway wells—Continued												
28 (700)	15,612,000 (12.0)	13,735,000 (11.0)	16,525,000 (13.0)	16,393,000 (13.0)	11,204,000 (9.0)	17,314,000 (14.0)	16,639,000 (13.0)	12,800,000 (10.0)	12,023,000 (10.0)	8,440,000 (7.0)	10,909,000 (9.0)	12,689,000
29 (700)	14,989,000 (12.0)	13,659,000 (11.0)	16,492,000 (13.0)	16,339,000 (13.0)	11,060,000 (9.0)	16,942,000 (13.0)	16,617,000 (13.0)	12,847,000 (10.0)	12,134,000 (10.0)	7,970,000 (6.0)	10,865,000 (9.0)	12,500,000
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	5,762,000 (8.0)	12,450,000 (17.0)	12,308,000 (17.0)	12,016,000 (16.0)	11,393,000 (15.0)	8,757,000 (12.0)	0 (0.0)	0 (0.0)	
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	3,696,000 (5.0)	12,642,000 (17.0)	12,626,000 (18.0)	11,654,000 (16.0)	12,412,000 (17.0)	8,976,000 (12.0)	0 (0.0)	0 (0.0)	
TOTAL PRODUCTION												
	137,980,000	129,023,000	142,863,000	172,804,000	197,550,000	278,140,000	275,169,000	236,602,000	214,332,000	150,692,000	138,872,000	120,796,000

1. Data from Board of Public Utilities, State of New Jersey (1976) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

3. Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-16. Water-distribution system production and operating data, Dover Township area, New Jersey, 1977

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
16 (800)	29,824,000 (20.0)	27,880,000 (21.0)	30,894,000 (21.0)	29,949,000 (21.0)	30,977,000 (21.0)	30,000,000 (21.0)	31,000,000 (21.0)	31,000,000 (21.0)	30,000,000 (21.0)	30,800,000 (21.0)	29,282,000 (20.0)	31,000,000 (21.0)
18 (750)	9,341,000 (7.0)	8,165,000 (7.0)	9,405,000 (7.0)	19,305,000 (14.0)	20,822,000 (15.0)	19,341,000 (14.0)	17,904,000 (13.0)	14,483,000 (10.0)	16,393,000 (12.0)	10,928,000 (8.0)	13,486,000 (10.0)	19,853,000 (14.0)
19 (600)	0 (0.0)	126,000 (1.0)	385,000 (1.0)	7,430,000 (7.0)	11,405,000 (10.0)	8,243,000 (8.0)	11,230,000 (10.0)	5,146,000 (5.0)	2,572,000 (2.0)	788,000 (1.0)	0 (0.0)	30,000 (1.0)
21 (700)	0 (0.0)	249,000 (1.0)	41,000 (1.0)	752,000 (1.0)	12,092,000 (9.0)	9,511,000 (8.0)	15,669,000 (12.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	102,000 (1.0)	0 (0.0)	0 (0.0)	11,251,000 (9.0)	19,008,000 (15.0)	22,785,000 (18.0)	24,822,000 (19.0)	25,734,000 (20.0)	25,139,000 (20.0)	26,171,000 (20.0)	11,375,000 (9.0)	0 (0.0)
South Toms River well												
17 (750)	6,632,000 (5.0)	0 (0.0)	4,626,000 (3.0)	8,202,000 (6.0)	12,602,000 (9.0)	11,912,000 (9.0)	12,890,000 (9.0)	9,220,000 (7.0)	7,444,000 (6.0)	11,844,000 (9.0)	7,546,000 (6.0)	3,657,000 (3.0)
Indian Head well												
20 (500)	21,078,000 (23.0)	18,129,000 (22.0)	20,998,000 (23.0)	18,206,000 (20.0)	19,705,000 (21.0)	14,320,000 (16.0)	19,689,000 (21.0)	21,436,000 (23.0)	20,787,000 (23.0)	20,566,000 (22.0)	19,546,000 (22.0)	20,829,000 (22.0)
Parkway wells												
22 (650)	11,738,000 (10.0)	13,216,000 (12.0)	15,415,000 (13.0)	16,878,000 (14.0)	23,996,000 (20.0)	21,185,000 (18.0)	23,812,000 (20.0)	14,838,000 (12.0)	16,683,000 (14.0)	16,359,000 (14.0)	18,895,000 (16.0)	22,201,000 (18.0)
23 (350)	0 (0.0)	5,809,000 (10.0)	6,206,000 (10.0)	0 (0.0)	8,640,000 (13.0)	14,186,000 (23.0)	15,215,000 (23.0)	4,255,000 (7.0)	636,000 (1.0)	0 (0.0)	0 (0.0)	391,000 (1.0)
24 (610)	18,102,000 (16.0)	13,861,000 (14.0)	0 (0.0)	9,459,000 (9.0)	20,248,000 (18.0)	18,250,000 (17.0)	20,247,000 (18.0)	13,161,000 (12.0)	7,313,000 (7.0)	14,837,000 (13.0)	17,533,000 (16.0)	20,650,000 (18.0)
25 (510)	0 (0.0)	0 (0.0)	7,090,000 (8.0)	12,556,000 (14.0)	16,898,000 (18.0)	15,130,000 (17.0)	16,901,000 (18.0)	5,117,000 (5.0)	2,316,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)
26 (740)	15,345,000 (11.0)	15,408,000 (12.0)	11,222,000 (8.0)	13,909,000 (10.0)	18,856,000 (14.0)	13,061,000 (10.0)	19,398,000 (14.0)	14,796,000 (11.0)	9,775,000 (7.0)	0 (0.0)	0 (0.0)	450,000 (1.0)
27 (590)	0 (0.0)	5,566,000 (6.0)	11,205,000 (10.0)	12,120,000 (11.0)	16,124,000 (15.0)	14,298,000 (14.0)	15,259,000 (14.0)	4,354,000 (4.0)	706,000 (1.0)	0 (0.0)	0 (0.0)	405,000 (1.0)
28 (700)	16,285,000 (13.0)	16,179,000 (14.0)	10,651,000 (8.0)	11,592,000 (9.0)	15,853,000 (12.0)	14,138,000 (11.0)	15,834,000 (12.0)	10,069,000 (8.0)	9,964,000 (8.0)	9,749,000 (8.0)	11,592,000 (9.0)	13,332,000 (10.0)

Table B-16. Water-distribution system production and operating data, Dover Township area, New Jersey, 1977—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
29 (700)	16,019,000 (12.0)	15,996,000 (14.0)	10,934,000 (8.0)	12,033,000 (10.0)	16,153,000 (12.0)	14,631,000 (12.0)	16,460,000 (13.0)	10,341,000 (8.0)	10,671,000 (8.0)	11,047,000 (9.0)	12,800,000 (10.0)	14,959,000 (12.0)
Parkway wells—Continued												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	373,000 (1.0)	7,085,000 (10.0)	12,344,000 (17.0)	12,692,000 (17.0)	11,689,000 (16.0)	7,659,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)
Anchorage well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	383,000 (1.0)	7,017,000 (9.0)	11,749,000 (16.0)	13,170,000 (18.0)	11,766,000 (16.0)	7,894,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
TOTAL PRODUCTION												
	144,466,000	140,584,000	139,072,000	184,398,000	277,481,000	265,084,000	302,192,000	207,405,000	175,952,000	153,089,000	142,055,000	147,757,000

Data from Board of Public Utilities, State of New Jersey (1977) and Michael P. McLinden, written communication, August 28, 1997.

To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-17. Water-distribution system production and operating data, Dover Township area, New Jersey, 1978

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
16 (800)	31,000,000 (21.0)	28,000,000 (21.0)	31,000,000 (21.0)	30,000,000 (21.0)	31,000,000 (21.0)	30,000,000 (21.0)	31,000,000 (21.0)	31,000,000 (21.0)	30,000,000 (21.0)	31,000,000 (21.0)	29,852,000 (21.0)	31,000,000 (21.0)
18 (750)	21,672,000 (16.0)	8,133,000 (6.0)	6,152,000 (4.0)	11,089,000 (8.0)	15,645,000 (11.0)	21,868,000 (16.0)	22,275,000 (16.0)	20,939,000 (15.0)	24,554,000 (18.0)	24,399,000 (18.0)	23,397,000 (17.0)	12,748,000 (9.0)
19 (600)	0 (0.0)	0 (0.0)	0 (0.0)	9,029,000 (8.0)	3,325,000 (3.0)	9,817,000 (9.0)	12,717,000 (11.0)	3,686,000 (3.0)	1,235,000 (1.0)	1,992,000 (2.0)	480,000 (1.0)	76,000 (1.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,290,000 (2.0)	2,628,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	12,841,000 (10.0)	18,395,000 (14.0)	22,953,000 (18.0)	26,776,000 (21.0)	26,769,000 (21.0)	25,073,000 (20.0)	27,262,000 (21.0)	7,239,000 (6.0)	0 (0.0)
South Toms River well												
17 (750)	7,332,000 (5.0)	6,848,000 (5.0)	8,021,000 (6.0)	7,909,000 (6.0)	9,599,000 (7.0)	9,753,000 (7.0)	11,728,000 (8.0)	7,705,000 (6.0)	7,292,000 (5.0)	7,971,000 (6.0)	3,134,000 (2.0)	7,525,000 (5.0)
Indian Head well												
20 (500)	21,018,000 (23.0)	19,127,000 (23.0)	21,023,000 (23.0)	13,489,000 (15.0)	22,530,000 (24.0)	21,129,000 (24.0)	21,852,000 (24.0)	22,444,000 (24.0)	21,269,000 (24.0)	21,734,000 (24.0)	19,062,000 (21.0)	0 (0.0)
Parkway wells												
22 (650)	23,548,000 (19.0)	23,721,000 (22.0)	24,031,000 (20.0)	13,096,000 (11.0)	13,109,000 (11.0)	16,870,000 (14.0)	17,896,000 (15.0)	10,222,000 (8.0)	0 (0.0)	0 (0.0)	9,060,000 (8.0)	9,616,000 (8.0)
23 (350)	0 (0.0)	0 (0.0)	87,000 (1.0)	0 (0.0)	3,618,000 (6.0)	11,133,000 (18.0)	11,846,000 (18.0)	8,601,000 (13.0)	5,681,000 (9.0)	0 (0.0)	0 (0.0)	0 (0.0)
24 (610)	6,374,000 (6.0)	675,000 (1.0)	14,295,000 (13.0)	11,433,000 (10.0)	9,525,000 (8.0)	12,140,000 (11.0)	15,919,000 (14.0)	11,425,000 (10.0)	15,012,000 (14.0)	17,693,000 (16.0)	16,157,000 (15.0)	22,803,000 (20.0)
25 (510)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,737,000 (3.0)	8,579,000 (9.0)	12,219,000 (13.0)	9,649,000 (10.0)	6,117,000 (7.0)	0 (0.0)	0 (0.0)	0 (0.0)
26 (740)	8,826,000 (6.0)	17,235,000 (14.0)	17,460,000 (13.0)	9,307,000 (7.0)	10,619,000 (8.0)	12,063,000 (9.0)	13,797,000 (10.0)	9,284,000 (7.0)	11,745,000 (9.0)	13,558,000 (10.0)	13,852,000 (10.0)	13,631,000 (10.0)
27 (590)	0 (0.0)	0 (0.0)	9,209,000 (8.0)	9,931,000 (9.0)	10,588,000 (10.0)	11,584,000 (11.0)	12,470,000 (11.0)	8,902,000 (8.0)	5,917,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)
28 (700)	13,992,000 (11.0)	12,713,000 (11.0)	5,842,000 (5.0)	11,115,000 (9.0)	10,725,000 (8.0)	15,298,000 (12.0)	17,758,000 (14.0)	12,792,000 (10.0)	13,209,000 (11.0)	17,597,000 (14.0)	17,236,000 (14.0)	24,087,000 (19.0)

Table B-17. Water-distribution system production and operating data, Dover Township area, New Jersey, 1978—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Parkway wells—Continued												
29 (700)	15,851,000 (12.0)	15,341,000 (13.0)	9,851,000 (8.0)	10,003,000 (8.0)	11,096,000 (9.0)	14,256,000 (11.0)	16,824,000 (13.0)	11,916,000 (9.0)	14,978,000 (12.0)	17,068,000 (13.0)	16,909,000 (13.0)	23,171,000 (18.0)
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	9,158,000 (13.0)	5,712,000 (8.0)	12,045,000 (17.0)	13,023,000 (18.0)	12,212,000 (16.0)	7,695,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	5,146,000 (7.0)	5,810,000 (8.0)	11,784,000 (16.0)	12,673,000 (17.0)	12,096,000 (16.0)	7,670,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)
TOTAL PRODUCTION												
	149,613,000	131,793,000	146,971,000	163,546,000	184,033,000	243,562,000	273,401,000	219,642,000	197,447,000	180,274,000	156,378,000	144,657,000

Data from Board of Public Utilities, State of New Jersey (1978) and Michael P. McLinden, written communication, August 28, 1997.

To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-18. Water-distribution system production and operating data, Dover Township area, New Jersey, 1979

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
16 (800)	14,328,000 (10.0)	7,650,000 (6.0)	31,000,000 (21.0)	30,884,000 (21.0)	32,576,000 (22.0)	31,542,000 (22.0)	32,356,000 (22.0)	32,353,000 (22.0)	31,287,000 (22.0)	32,558,000 (22.0)	31,575,000 (22.0)	32,527,000 (22.0)
18 (750)	18,484,000 (13.0)	16,712,000 (13.0)	0 (0.0)	1,034,000 (1.0)	15,604,000 (11.0)	16,833,000 (12.0)	23,128,000 (17.0)	26,861,000 (19.0)	26,426,000 (20.0)	24,471,000 (18.0)	23,590,000 (17.0)	11,629,000 (8.0)
19 (600)	10,594,000 (10.0)	13,759,000 (14.0)	0 (0.0)	4,114,000 (4.0)	2,275,000 (2.0)	3,099,000 (3.0)	6,873,000 (6.0)	4,896,000 (4.0)	3,454,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5,547,000 (4.0)	11,463,000 (9.0)	22,406,000 (17.0)	22,980,000 (18.0)	25,854,000 (21.0)	12,543,000 (10.0)	0 (0.0)	0 (0.0)
South Toms River well												
17 (750)	7,115,000 (5.0)	7,297,000 (6.0)	7,529,000 (5.0)	8,093,000 (6.0)	10,148,000 (7.0)	10,156,000 (8.0)	12,311,000 (9.0)	10,635,000 (8.0)	9,517,000 (7.0)	8,590,000 (6.0)	7,436,000 (6.0)	7,371,000 (5.0)
Indian Head well												
20 (500)	4,523,000 (5.0)	19,497,000 (24.0)	21,966,000 (24.0)	21,630,000 (24.0)	21,907,000 (24.0)	20,709,000 (24.0)	21,491,000 (24.0)	22,003,000 (24.0)	21,552,000 (24.0)	22,516,000 (24.0)	21,351,000 (24.0)	22,002,000 (24.0)
Parkway wells												
22 (650)	12,029,000 (10.0)	20,562,000 (19.0)	20,228,000 (17.0)	25,049,000 (21.0)	23,185,000 (19.0)	22,098,000 (19.0)	21,060,000 (17.0)	19,766,000 (16.0)	17,191,000 (15.0)	17,126,000 (14.0)	17,085,000 (15.0)	17,733,000 (15.0)
23 (350)	214,000 (1.0)	0 (0.0)	0 (0.0)	4,784,000 (8.0)	13,982,000 (21.0)	12,680,000 (20.0)	12,368,000 (19.0)	5,467,000 (8.0)	1,244,000 (2.0)	410,000 (1.0)	0 (0.0)	0 (0.0)
24 (610)	26,922,000 (24.0)	22,913,000 (22.0)	22,580,000 (20.0)	23,460,000 (21.0)	15,652,000 (14.0)	12,915,000 (12.0)	17,459,000 (15.0)	20,647,000 (18.0)	18,666,000 (17.0)	17,737,000 (16.0)	18,206,000 (17.0)	3,208,000 (3.0)
25 (510)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	8,993,000 (10.0)	10,758,000 (12.0)	14,140,000 (15.0)	3,680,000 (4.0)	1,180,000 (2.0)	0 (0.0)	0 (0.0)	11,440,000 (12.0)
26 (740)	21,041,000 (15.0)	17,110,000 (14.0)	3,915,000 (3.0)	0 (0.0)	15,107,000 (11.0)	18,777,000 (14.0)	18,490,000 (13.0)	20,524,000 (15.0)	18,018,000 (14.0)	16,527,000 (12.0)	13,697,000 (10.0)	17,668,000 (13.0)
27 (590)	8,472,000 (8.0)	0 (0.0)	0 (0.0)	0 (0.0)	10,026,000 (9.0)	13,657,000 (13.0)	12,888,000 (12.0)	5,315,000 (5.0)	548,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)
28 (700)	3,234,000 (3.0)	0 (0.0)	16,757,000 (13.0)	22,340,000 (18.0)	18,937,000 (15.0)	17,638,000 (14.0)	17,317,000 (13.0)	18,529,000 (14.0)	16,639,000 (13.0)	15,772,000 (12.0)	16,253,000 (13.0)	17,054,000 (13.0)

Table B-18. Water-distribution system production and operating data, Dover Township area, New Jersey, 1979—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
29 (700)	25,351,00 (19.0)	20,378,000 (17.0)	20,342,000 (16.0)	21,343,000 (17.0)	18,486,000 (14.0)	17,317,000 (14.0)	16,722,000 (13.0)	17,989,000 (14.0)	16,263,000 (13.0)	15,344,000 (12.0)	15,741,000 (13.0)	16,102,000 (12.0)
Parkway wells—Continued												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,159,000 (2.0)	4,197,000 (6.0)	1,476,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Anchorage well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,203,000 (2.0)	6,978,000 (10.0)	13,476,000 (18.0)	5,985,000 (8.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
TOTAL PRODUCTION												
	152,307,000	145,878,000	144,317,000	162,731,000	214,787,000	230,817,000	263,961,000	237,630,000	207,839,000	183,594,000	164,934,000	156,734,000

1. Data from Board of Public Utilities, State of New Jersey (1979) and Michael P. McLinden, written communication, August 28, 1997.

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:
 T_{avg} = average time a well was operated, in hours per day;
 Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

3. Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-19. Water-distribution system production and operating data, Dover Township area, New Jersey, 1980

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 da
Holly wells												
16 (800)	33,246,000 (22.0)	31,235,000 (22.0)	33,475,000 (22.0)	28,837,000 (20.0)	31,874,000 (21.0)	32,395,000 (22.0)	26,298,000 (18.0)	31,266,000 (21.0)	30,864,000 (21.0)	30,922,000 (21.0)	4,110,000 (3.0)	0 (0.0)
18 (750)	923,000 (1.0)	0 (0.0)	1,042,000 (1.0)	4,816,000 (4.0)	15,146,000 (11.0)	27,063,000 (20.0)	13,423,000 (10.0)	9,892,000 (7.0)	9,924,000 (7.0)	5,327,000 (4.0)	0 (0.0)	0 (0.0)
19 (600)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	6,535,000 (6.0)	13,176,000 (12.0)	11,138,000 (10.0)	6,694,000 (6.0)	6,312,000 (6.0)	2,491,000 (2.0)	2,461,000 (2.0)	0 (0.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5,436,000 (4.0)	5,943,000 (5.0)	3,031,000 (2.0)	1,159,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	7,365,000 (6.0)	26,489,000 (20.0)	27,259,000 (21.0)	24,937,000 (20.0)	26,735,000 (21.0)	15,651,000 (12.0)	0 (0.0)
South Toms River wells												
17 (750)	6,926,000 (5.0)	6,802,000 (5.0)	7,243,000 (5.0)	8,016,000 (6.0)	10,876,000 (8.0)	14,323,000 (11.0)	13,116,000 (9.0)	11,370,000 (8.0)	9,739,000 (7.0)	8,199,000 (6.0)	7,735,000 (6.0)	6,631,000 (5.0)
32 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	347,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Indian Head well												
20 (500)	21,976,000 (24.0)	20,068,000 (23.0)	21,480,000 (23.0)	20,680,000 (23.0)	20,493,000 (22.0)	18,190,000 (20.0)	19,241,000 (21.0)	29,614,000 (24.0)	19,025,000 (21.0)	20,592,000 (22.0)	19,545,000 (22.0)	20,181,000 (22.0)
Parkway wells												
22 (650)	18,639,000 (15.0)	15,554,000 (14.0)	16,575,000 (14.0)	17,575,000 (15.0)	17,909,000 (15.0)	18,389,000 (16.0)	14,462,000 (12.0)	17,217,000 (14.0)	18,340,000 (16.0)	17,439,000 (14.0)	14,032,000 (12.0)	16,601,000 (14.0)
23 (350)	0 (0.0)	0 (0.0)	0 (0.0)	4,087,000 (7.0)	14,243,000 (22.0)	12,929,000 (21.0)	10,577,000 (16.0)	6,707,000 (10.0)	10,739,000 (17.0)	9,946,000 (15.0)	1,233,000 (2.0)	10,652,000 (16.0)
24 (610)	9,248,000 (8.0)	18,933,000 (18.0)	19,643,000 (17.0)	19,975,000 (18.0)	18,089,000 (16.0)	20,524,000 (19.0)	18,305,000 (16.0)	19,563,000 (17.0)	9,385,000 (9.0)	14,170,000 (13.0)	13,594,000 (12.0)	1,022,000 (1.0)
25 (510)	0 (0.0)	0 (0.0)	0 (0.0)	700,000 (1.0)	9,833,000 (10.0)	19,982,000 (22.0)	18,293,000 (19.0)	18,517,000 (20.0)	19,602,000 (21.0)	11,673,000 (12.0)	13,561,000 (15.0)	15,163,000 (16.0)
26 (740)	19,960,000 (15.0)	17,464,000 (14.0)	17,870,000 (13.0)	18,363,000 (14.0)	18,733,000 (14.0)	21,356,000 (16.0)	18,643,000 (14.0)	19,767,000 (14.0)	16,879,000 (13.0)	3,057,000 (2.0)	11,940,000 (9.0)	17,544,000 (13.0)
27 (590)	0 (0.0)	0 (0.0)	0 (0.0)	2,104,000 (2.0)	8,230,000 (8.0)	14,793,000 (14.0)	12,443,000 (11.0)	10,005,000 (9.0)	10,565,410 (10.0)	7,407,000 (7.0)	0 (0.0)	5,845,000 (5.0)

Table B-19. Water-distribution system production and operating data, Dover Township area, New Jersey, 1980—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Parkway wells—Continued												
28 (700)	18,588,000 (14.0)	16,277,000 (13.0)	16,835,000 (13.0)	17,206,000 (14.0)	17,860,000 (14.0)	19,891,000 (16.0)	17,075,000 (13.0)	18,657,000 (14.0)	22,404,603 (18.0)	15,707,000 (12.0)	13,436,000 (11.0)	16,130,000 (12.0)
29 (700)	18,257,000 (14.0)	15,808,000 (13.0)	16,156,000 (12.0)	16,838,000 (13.0)	17,498,000 (13.0)	19,649,000 (16.0)	16,778,000 (13.0)	18,256,000 (14.0)	22,338,988 (18.0)	15,661,000 (12.0)	13,303,000 (11.0)	16,104,000 (12.0)
Route 70 well												
31 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	17,559,000 (14.0)	31,634,000 (24.0)	32,448,000 (24.0)	27,733,000 (21.0)	16,048,000 (13.0)	0 (0.0)	26,921,000 (21.0)	33,544,000 (24.0)
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	7,694,500 (11.0)	15,389,000 (21.0)	7,694,500 (10.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Silver Bay well³												
99 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	6,173,250 (9.0)	12,346,500 (17.0)	6,173,250 (8.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TOTAL PRODUCTION												
	147,763,000	142,141,000	150,319,000	159,197,000	224,878,000	311,309,750	302,407,500	289,415,750	248,262,000	189,326,000	157,522,000	159,417,000

Data from Board of Public Utilities, State of New Jersey (1980).

To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-20. Water-distribution system production and operating data, Dover Township area, New Jersey, 1981

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²												
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days	
Holly wells													
16 (800)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	8,193,000 (6.0)	15,984,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,204,000 (3.0)	4,550,000 (4.0)	7,932,000 (6.0)	4,271,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	
30 (2,100)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	52,046,000 (13.0)	86,514,000 (22.0)	42,015,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)	
Brookside well													
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	9,297,000 (7.0)	24,057,000 (19.0)	26,753,000 (21.0)	25,989,000 (20.0)	26,383,000 (21.0)	6,272,000 (5.0)	0 (0.0)	0 (0.0)	
South Toms River wells													
17 (750)	7,188,000 (5.0)	5,885,000 (5.0)	6,101,000 (4.0)	5,927,000 (4.0)	11,857,000 (9.0)	13,388,000 (10.0)	12,543,000 (9.0)	10,249,000 (7.0)	8,449,000 (6.0)	10,024,000 (7.0)	9,069,000 (7.0)	9,613,000 (7.0)	
32 (700)	0 (0.0)	0 (0.0)	0 (0.0)	1,414,000 (1.0)	2,395,000 (2.0)	8,211,000 (7.0)	11,548,000 (9.0)	4,212,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	
Indian Head well													
20 (500)	20,826,000 (22.0)	18,120,000 (22.0)	20,773,000 (22.0)	19,937,000 (22.0)	20,105,000 (22.0)	19,443,000 (22.0)	19,041,000 (21.0)	19,454,000 (21.0)	18,859,000 (21.0)	19,837,000 (21.0)	19,455,000 (22.0)	20,073,000 (22.0)	
Parkway wells													
22 (650)	18,972,000 (16.0)	17,833,000 (16.0)	20,151,000 (17.0)	20,003,000 (17.0)	21,477,000 (18.0)	20,062,000 (17.0)	18,029,000 (15.0)	8,452,000 (7.0)	14,354,000 (12.0)	20,388,000 (17.0)	17,477,000 (15.0)	17,475,000 (14.0)	
23 (350)	11,842,000 (18.0)	11,273,000 (19.0)	13,075,000 (20.0)	12,609,000 (20.0)	13,308,000 (20.0)	12,125,000 (19.0)	10,736,000 (17.0)	8,244,000 (13.0)	8,607,000 (14.0)	12,884,000 (20.0)	10,886,000 (17.0)	10,852,000 (17.0)	
24 (610)	0 (0.0)	0 (0.0)	153,000 (1.0)	7,925,000 (7.0)	20,671,000 (18.0)	19,666,000 (18.0)	17,494,000 (15.0)	16,837,000 (15.0)	14,208,000 (13.0)	19,230,000 (17.0)	16,441,000 (15.0)	16,261,000 (14.0)	
25 (510)	12,770,000 (13.0)	1,147,000 (2.0)	323,000 (1.0)	0 (0.0)	0 (0.0)	11,427,000 (12.0)	18,191,000 (19.0)	11,176,000 (12.0)	9,543,000 (10.0)	18,018,000 (19.0)	15,239,000 (17.0)	15,180,000 (16.0)	
26 (740)	19,722,000 (14.0)	16,984,000 (14.0)	20,468,000 (15.0)	20,279,000 (15.0)	20,888,000 (15.0)	20,044,000 (15.0)	18,031,000 (13.0)	16,739,000 (12.0)	15,182,000 (11.0)	2,263,000 (2.0)	1,695,000 (2.0)	577,000 (1.0)	
27 (590)	3,930,000 (4.0)	1,015,000 (1.0)	878,000 (1.0)	4,426,000 (4.0)	13,255,000 (12.0)	12,439,000 (12.0)	10,894,000 (10.0)	10,961,000 (10.0)	9,412,000 (9.0)	1,342,000 (2.0)	0 (0.0)	0 (0.0)	

Table B-20. Water-distribution system production and operating data, Dover Township area, New Jersey, 1981—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Parkway wells—Continued												
28 (700)	17,956,000 (14.0)	16,820,000 (14.0)	19,171,000 (15.0)	18,393,000 (15.0)	19,506,000 (15.0)	17,871,000 (14.0)	16,105,000 (12.0)	14,704,000 (11.0)	12,780,000 (10.0)	19,050,000 (15.0)	15,933,000 (13.0)	15,953,000 (12.0)
29 (700)	17,519,000 (13.0)	16,820,000 (14.0)	19,171,000 (15.0)	18,211,000 (14.0)	19,078,000 (15.0)	17,321,000 (14.0)	15,652,000 (12.0)	14,118,000 (11.0)	12,313,000 (10.0)	18,636,000 (14.0)	15,687,000 (12.0)	15,522,000 (12.0)
Route 70 well												
31 (700)	33,593,000 (24.0)	29,664,000 (24.0)	32,117,000 (24.0)	31,933,000 (24.0)	32,761,000 (24.0)	31,668,000 (24.0)	32,227,000 (24.0)	32,296,000 (24.0)	31,268,000 (24.0)	32,850,000 (24.0)	31,950,000 (24.0)	33,099,000 (24.0)
Anchorage well³												
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,173,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TOTAL PRODUCTION												
	164,318,000	135,561,000	152,381,000	161,057,000	216,995,000	248,256,000	288,395,000	284,216,000	223,373,000	180,794,000	153,832,000	154,605,000

Data from Board of Public Utilities, State of New Jersey (1981).

To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Well numbers for the Anchorage and Silver Bay wells assigned by ATSDR for identification and simulation purposes only.

Table B-21. Water-distribution system production and operating data, Dover Township area, New Jersey, 1982

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	985,000 (1.0)	1,982,000 (2.0)	0 (0.0)	7,267,000 (6.0)	477,000 (1.0)	0 (0.0)	867,000 (1.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	0 (0.0)	0 (0.0)	15,041,000 (4.0)	63,619,000 (16.0)	79,754,000 (21.0)	82,468,000 (21.0)	88,504,000 (23.0)	85,246,000 (23.0)	89,235,000 (23.0)	87,278,000 (23.0)	85,568,000 (22.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	6,565,000 (5.0)	0 (0.0)	549,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
17 (750)	9,823,000 (7.0)	7,015,000 (6.0)	8,284,000 (6.0)	8,220,000 (6.0)	10,970,000 (8.0)	7,616,000 (6.0)	11,603,000 (8.0)	4,806,000 (4.0)	169,000 (1.0)	210,000 (1.0)	0 (0.0)	0 (0.0)
32 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,983,000 (3.0)	4,885,000 (4.0)	8,808,000 (7.0)	8,031,000 (6.0)	6,820,000 (5.0)	7,432,000 (6.0)
Indian Head well												
20 (500)	19,951,000 (21.0)	18,431,000 (22.0)	16,078,000 (17.0)	18,253,000 (20.0)	18,393,000 (20.0)	18,482,000 (20.0)	18,975,000 (21.0)	19,320,000 (21.0)	18,798,000 (21.0)	20,292,000 (22.0)	19,258,000 (21.0)	19,455,000 (21.0)
Parkway wells												
22 (650)	17,070,000 (14.0)	10,117,000 (9.0)	0 (0.0)	8,031,000 (7.0)	19,401,000 (16.0)	13,801,000 (12.0)	19,871,000 (16.0)	16,618,000 (14.0)	16,218,000 (14.0)	14,623,000 (12.0)	1,520,000 (2.0)	0 (0.0)
23 (350)	11,752,000 (18.0)	804,000 (2.0)	0 (0.0)	5,699,000 (9.0)	11,677,000 (18.0)	6,923,000 (11.0)	10,290,000 (16.0)	8,106,000 (12.0)	5,886,000 (9.0)	301,000 (1.0)	3,310,000 (5.0)	4,880,000 (8.0)
24 (610)	17,331,000 (15.0)	17,104,000 (17.0)	20,153,000 (18.0)	15,568,000 (14.0)	16,295,000 (14.0)	11,103,000 (10.0)	15,967,000 (14.0)	13,209,000 (12.0)	12,620,000 (12.0)	8,704,000 (8.0)	7,169,000 (7.0)	8,388,000 (7.0)
25 (510)	4,265,000 (5.0)	0 (0.0)	10,523,000 (11.0)	15,038,000 (16.0)	15,645,000 (17.0)	10,476,000 (11.0)	15,424,000 (16.0)	12,744,000 (13.0)	9,725,000 (11.0)	105,000 (1.0)	2,408,000 (3.0)	0 (0.0)
26 (740)	15,367,000 (11.0)	20,137,000 (16.0)	23,290,000 (17.0)	17,785,000 (13.0)	18,726,000 (14.0)	12,852,000 (10.0)	18,118,000 (13.0)	15,356,000 (11.0)	15,031,000 (11.0)	10,134,000 (7.0)	6,645,000 (5.0)	6,905,000 (5.0)
27 (590)	179,000 (1.0)	6,381,000 (6.0)	16,869,000 (15.0)	11,550,000 (11.0)	10,403,000 (10.0)	7,462,000 (7.0)	9,534,000 (9.0)	8,899,000 (8.0)	6,802,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)
28 (700)	16,488,000 (13.0)	16,603,000 (14.0)	19,502,000 (15.0)	14,738,000 (12.0)	14,985,000 (12.0)	10,552,000 (8.0)	14,584,000 (11.0)	12,391,000 (10.0)	11,989,000 (10.0)	11,291,000 (9.0)	8,577,000 (7.0)	8,859,000 (7.0)
29 (700)	15,866,000 (12.0)	15,664,000 (13.0)	18,197,000 (14.0)	13,923,000 (11.0)	14,674,000 (11.0)	9,992,000 (8.0)	14,301,000 (11.0)	11,723,000 (9.0)	11,504,000 (9.0)	10,710,000 (8.0)	8,176,000 (7.0)	8,314,000 (6.0)

Table B-21. Water-distribution system production and operating data, Dover Township area, New Jersey, 1982—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
31 (700)	32,666,000 (24.0)	25,658,000 (22.0)	27,234,000 (21.0)	30,863,000 (24.0)	31,172,000 (24.0)	30,882,000 (24.0)	31,688,000 (24.0)	31,745,000 (24.0)	30,856,000 (24.0)	32,686,000 (24.0)	31,112,000 (24.0)	27,593,000 (21.0)
	Route 70 well											
	160,758,000	137,914,000	160,130,000	175,694,000	254,507,000	219,895,000	274,622,000	248,783,000	233,652,000	207,189,000	182,273,000	177,394,000
	TOTAL PRODUCTION											

1. Data from Board of Public Utilities, State of New Jersey (1982).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-22. Water-distribution system production and operating data, Dover Township area, New Jersey, 1983

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
16 (800)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	180,000 (1.0)	6,444,000 (4.0)	13,356,000 (9.0)	12,960,000 (9.0)	4,374,000 (3.0)	0 (0.0)	0 (0.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,246,000 (1.0)	9,186,000 (7.0)	16,721,000 (13.0)	11,365,000 (9.0)	2,376,000 (2.0)	8,523,000 (7.0)	0 (0.0)	0 (0.0)
30 (2,100)	53,293,000 (14.0)	0 (0.0)	34,881,000 (9.0)	82,192,000 (22.0)	91,432,000 (24.0)	89,234,000 (24.0)	88,494,000 (23.0)	91,929,000 (24.0)	88,420,000 (24.0)	9,716,000 (3.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	837,000 (1.0)	13,582,000 (11.0)	22,785,000 (18.0)	12,684,000 (10.0)	1,962,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
17 (750)	0 (0.0)	0 (0.0)	215,000 (1.0)	1,138,000 (1.0)	10,016,000 (7.0)	14,462,000 (11.0)	15,844,000 (11.0)	11,188,000 (8.0)	8,761,000 (7.0)	10,013,000 (7.0)	10,467,000 (8.0)	10,420,000 (8.0)
32 (700)	7,301,000 (6.0)	7,648,000 (7.0)	7,357,000 (6.0)	5,648,000 (5.0)	0 (0.0)	10,199,000 (8.0)	12,117,000 (9.0)	2,575,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Indian Head well												
20 (500)	19,912,000 (21.0)	18,125,000 (22.0)	19,671,000 (21.0)	6,584,000 (7.0)	2,491,000 (3.0)	13,132,000 (15.0)	19,464,000 (21.0)	23,403,000 (24.0)	19,769,000 (22.0)	23,524,000 (24.0)	24,697,000 (24.0)	24,215,000 (24.0)
Parkway wells												
22 (650)	3,923,000 (3.0)	19,812,000 (18.0)	15,425,000 (13.0)	11,197,000 (10.0)	15,311,000 (13.0)	19,527,000 (17.0)	22,521,000 (19.0)	19,856,000 (16.0)	17,272,000 (15.0)	23,373,000 (19.0)	22,192,000 (19.0)	21,540,000 (18.0)
23 (350)	5,984,000 (9.0)	9,162,000 (16.0)	7,215,000 (11.0)	5,160,000 (8.0)	0 (0.0)	6,685,000 (11.0)	10,437,000 (16.0)	9,132,000 (14.0)	7,966,000 (13.0)	10,573,000 (16.0)	10,539,000 (17.0)	10,170,000 (16.0)
24 (610)	10,268,000 (9.0)	15,773,000 (15.0)	12,299,000 (11.0)	8,894,000 (8.0)	12,172,000 (11.0)	11,387,000 (10.0)	6,479,000 (6.0)	15,960,000 (14.0)	13,718,000 (13.0)	18,611,000 (16.0)	17,782,000 (16.0)	17,464,000 (15.0)
25 (610)	3,018,000 (3.0)	2,637,000 (3.0)	3,876,000 (4.0)	8,611,000 (9.0)	11,947,000 (13.0)	14,892,000 (16.0)	17,648,000 (19.0)	15,308,000 (16.0)	13,291,000 (14.0)	17,996,000 (19.0)	17,242,000 (19.0)	16,913,000 (18.0)
26 (740)	12,615,000 (9.0)	19,731,000 (16.0)	15,105,000 (11.0)	11,471,000 (9.0)	15,325,000 (11.0)	19,824,000 (15.0)	22,783,000 (17.0)	20,049,000 (15.0)	17,058,000 (13.0)	23,055,000 (17.0)	21,234,000 (16.0)	20,850,000 (15.0)
27 (590)	2,330,000 (2.0)	8,871,000 (9.0)	7,417,000 (7.0)	4,880,000 (5.0)	6,499,000 (6.0)	8,217,000 (8.0)	8,955,000 (8.0)	7,962,000 (7.0)	6,997,000 (7.0)	9,158,000 (8.0)	9,070,000 (9.0)	8,140,000 (7.0)
28 (700)	10,890,000 (8.0)	1,909,000 (2.0)	3,728,000 (3.0)	6,327,000 (5.0)	14,125,000 (11.0)	17,979,000 (14.0)	20,781,000 (16.0)	18,125,000 (14.0)	14,928,000 (12.0)	20,289,000 (16.0)	18,580,000 (15.0)	18,497,000 (14.0)

Table B-22. Water-distribution system production and operating data, Dover Township area, New Jersey, 1983—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
31 (700)	31,797,000 (24.0)	29,085,000 (24.0)	31,550,000 (24.0)	29,905,000 (24.0)	27,047,000 (21.0)	25,218,000 (20.0)	28,990,000 (22.0)	30,846,000 (24.0)	27,429,000 (22.0)	16,394,000 (13.0)	31,077,000 (24.0)	31,751,000 (24.0)
Route 70 well												
	171,440,000	147,022,000	168,997,000	182,007,000	219,595,000	288,026,000	337,354,000	318,249,000	265,213,000	211,975,000	198,352,000	194,980,000
TOTAL PRODUCTION												

1. Data from Board of Public Utilities, State of New Jersey (1983).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

- T_{avg} = average time a well was operated, in hours per day;
- Q_p = production of water, in gallons per month;
- C = rated capacity of the well, in gallons per minute;
- D = number of days per month; and
- 60 = number of minutes per hour.

Table B-23. Water-distribution system production and operating data, Dover Township area, New Jersey, 1984

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
16 (800)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,195,000 (2.0)	859,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,991,000 (2.0)	19,223,000 (15.0)	9,502,000 (7.0)	8,666,000 (7.0)	4,718,000 (4.0)	862,000 (1.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	0 (0.0)	0 (0.0)	9,735,000 (3.0)	43,305,000 (11.0)	80,843,000 (21.0)	84,876,000 (22.0)	84,433,000 (22.0)	80,151,000 (21.0)	85,203,000 (22.0)	86,961,000 (23.0)	79,235,000 (20.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	966,000 (1.0)	20,764,000 (16.0)	26,523,000 (20.0)	5,239,000 (4.0)	522,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
17 (750)	9,713,000 (7.0)	8,202,000 (6.0)	9,475,000 (7.0)	9,651,000 (7.0)	8,334,000 (6.0)	9,507,000 (7.0)	9,377,000 (7.0)	2,105,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
32 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	10,948,000 (9.0)	2,337,000 (2.0)	6,668,000 (5.0)	8,209,000 (7.0)	7,271,000 (6.0)	6,722,000 (5.0)	6,804,000 (5.0)
Indian Head well												
20 (500)	24,773,000 (24.0)	22,964,000 (24.0)	23,987,000 (24.0)	23,980,000 (24.0)	23,883,000 (24.0)	23,467,000 (24.0)	23,985,000 (24.0)	23,855,000 (24.0)	23,290,000 (24.0)	23,463,000 (24.0)	22,110,000 (24.0)	23,216,000 (24.0)
Parkway wells												
22 (650)	20,518,000 (17.0)	18,953,000 (17.0)	20,472,000 (17.0)	20,381,000 (17.0)	18,440,000 (15.0)	22,496,000 (19.0)	19,203,000 (16.0)	20,343,000 (17.0)	18,997,000 (16.0)	13,693,000 (11.0)	8,795,000 (8.0)	10,351,000 (9.0)
23 (350)	9,734,000 (15.0)	6,658,000 (11.0)	8,763,000 (13.0)	9,623,000 (15.0)	2,437,000 (4.0)	0 (0.0)	3,166,000 (5.0)	9,672,000 (15.0)	9,422,000 (15.0)	6,619,000 (10.0)	1,595,000 (3.0)	4,852,000 (7.0)
24 (610)	16,606,000 (15.0)	15,368,000 (15.0)	16,437,000 (15.0)	16,417,000 (15.0)	7,333,000 (7.0)	19,444,000 (18.0)	17,765,000 (16.0)	18,676,000 (16.0)	13,799,000 (13.0)	12,113,000 (11.0)	11,593,000 (11.0)	12,008,000 (11.0)
25 (510)	16,031,000 (17.0)	14,575,000 (16.0)	15,756,000 (17.0)	15,845,000 (17.0)	15,598,000 (16.0)	17,603,000 (19.0)	15,897,000 (17.0)	16,280,000 (17.0)	10,936,000 (12.0)	8,491,000 (9.0)	6,364,000 (7.0)	4,403,000 (5.0)
26 (740)	21,632,000 (16.0)	19,034,000 (15.0)	20,473,000 (15.0)	20,391,000 (15.0)	18,659,000 (14.0)	22,796,000 (17.0)	19,439,000 (14.0)	20,457,000 (15.0)	19,172,000 (14.0)	13,502,000 (10.0)	8,938,000 (7.0)	10,710,000 (8.0)
27 (590)	8,732,000 (8.0)	9,296,000 (9.0)	9,662,000 (9.0)	9,624,000 (9.0)	6,736,000 (6.0)	6,471,000 (6.0)	6,469,000 (6.0)	6,250,000 (6.0)	5,468,000 (5.0)	0 (0.0)	0 (0.0)	0 (0.0)
28 (700)	18,697,000 (14.0)	16,056,000 (13.0)	17,061,000 (13.0)	16,926,000 (13.0)	16,975,000 (13.0)	20,503,000 (16.0)	17,233,000 (13.0)	18,219,000 (14.0)	16,420,000 (13.0)	12,509,000 (10.0)	7,880,000 (6.0)	9,409,000 (7.0)

Table B-23. Water-distribution system production and operating data, Dover Township area, New Jersey, 1984—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²												
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days	
Parkwell wells—Continued													
29 (700)	15,357,000 (12.0)	12,865,000 (11.0)	13,668,000 (11.0)	13,591,000 (11.0)	15,160,000 (12.0)	19,331,000 (15.0)	16,304,000 (13.0)	17,253,000 (13.0)	12,480,000 (10.0)	12,558,000 (10.0)	7,508,000 (6.0)	8,949,000 (7.0)	
Route 70 well													
31 (700)	31,674,000 (24.0)	29,262,000 (24.0)	31,351,000 (24.0)	30,585,000 (24.0)	30,673,000 (24.0)	30,040,000 (24.0)	30,742,000 (24.0)	30,817,000 (24.0)	30,137,000 (24.0)	30,983,000 (24.0)	29,908,000 (24.0)	29,851,000 (23.0)	
Anchorage well³													
98 (400)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,456,000 (5.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	
TOTAL PRODUCTION													
	193,467,000	173,233,000	187,105,000	196,749,000	211,490,000	330,087,000	303,677,000	288,933,000	253,721,000	227,267,000	198,374,000	199,788,000	

Data from Board of Public Utilities, State of New Jersey (1984).

¹ to determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

cell number for the Anchorage well assigned by ATSDR for identification and simulation purposes only.

Table B-24. Water-distribution system production and operating data, Dover Township area, New Jersey, 1985

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	8,528,000 (7.1)	856,000 (1.0)	12,983,000 (10.0)	10,877,000 (8.0)	9,807,000 (8.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	84,302,000 (22.0)	76,910,000 (22.0)	14,537,000 (4.0)	77,963,000 (21.0)	93,380,000 (24.0)	90,682,000 (24.0)	94,607,000 (24.0)	93,433,000 (24.0)	89,072,000 (24.0)	89,103,000 (23.0)	88,056,000 (24.0)	9,731,000 (3.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	126,000 (1.0)	0 (0.0)	8,055,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
17 (750)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5,308,000 (4.0)	10,897,000 (8.0)	5,193,000 (4.0)	1,484,000 (1.0)	2,613,000 (2.0)	0 (0.0)	0 (0.0)
32 (700)	6,764,000 (5.0)	6,244,000 (5.0)	8,746,000 (7.0)	7,743,000 (6.0)	11,861,000 (9.0)	4,745,000 (4.0)	6,405,000 (5.0)	7,992,000 (6.0)	8,507,000 (7.0)	5,728,000 (4.0)	6,628,000 (5.0)	10,807,000 (8.0)
Indian Head well												
20 (500)	1,639,000 (2.0)	0 (0.0)	19,179,000 (21.0)	22,375,000 (24.0)	22,392,000 (24.0)	22,283,000 (24.0)	22,032,000 (24.0)	21,769,000 (24.0)	21,594,000 (24.0)	22,595,000 (24.0)	8,395,000 (9.0)	19,500,000 (21.0)
Parkway wells												
22 (650)	15,597,000 (13.0)	14,280,000 (13.0)	22,789,000 (19.0)	16,645,000 (14.0)	21,462,000 (18.0)	18,956,000 (16.0)	22,827,000 (19.0)	19,505,000 (16.0)	19,452,000 (17.0)	15,164,000 (13.0)	14,050,000 (12.0)	24,698,000 (20.0)
23 (350)	5,757,000 (9.0)	6,309,000 (11.0)	9,735,000 (15.0)	7,168,000 (11.0)	9,029,000 (14.0)	8,129,000 (13.0)	9,667,000 (15.0)	8,294,000 (13.0)	8,407,000 (13.0)	6,915,000 (11.0)	6,465,000 (10.0)	11,277,000 (17.0)
24 (610)	7,873,000 (7.0)	7,829,000 (8.0)	21,156,000 (19.0)	14,449,000 (13.0)	18,712,000 (17.0)	16,200,000 (15.0)	19,444,000 (17.0)	16,182,000 (14.0)	16,371,000 (15.0)	12,349,000 (11.0)	12,098,000 (11.0)	16,599,000 (15.0)
25 (510)	1,086,000 (1.0)	0 (0.0)	0 (0.0)	3,080,000 (3.0)	12,495,000 (13.0)	11,351,000 (12.0)	13,232,000 (14.0)	12,836,000 (14.0)	12,444,000 (14.0)	10,175,000 (11.0)	8,877,000 (10.0)	15,543,000 (16.0)
26 (740)	16,036,000 (12.0)	14,991,000 (12.0)	23,518,000 (17.0)	16,607,000 (12.0)	19,336,000 (14.0)	6,801,000 (5.0)	19,783,000 (14.0)	19,337,000 (14.0)	12,781,000 (10.0)	14,843,000 (11.0)	9,382,000 (7.0)	20,670,000 (15.0)
27 (590)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,138,000 (2.0)	5,217,000 (5.0)	5,899,000 (5.0)	4,927,000 (5.0)	4,943,000 (5.0)	3,184,000 (3.0)	0 (0.0)	0 (0.0)
28 (700)	14,156,000 (11.0)	13,391,000 (11.0)	20,764,000 (16.0)	14,948,000 (12.0)	19,423,000 (15.0)	16,999,000 (14.0)	20,364,000 (16.0)	17,535,000 (14.0)	17,649,000 (14.0)	13,700,000 (11.0)	13,098,000 (10.0)	23,246,000 (18.0)
29 (700)	13,782,000 (11.0)	7,865,000 (7.0)	20,234,000 (16.0)	15,465,000 (12.0)	19,911,000 (15.0)	17,922,000 (14.0)	21,966,000 (17.0)	17,575,000 (14.0)	16,920,000 (13.0)	13,079,000 (10.0)	13,115,000 (10.0)	21,537,000 (17.0)

Table B-24. Water-distribution system production and operating data, Dover Township area, New Jersey, 1985—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
31 (700)	30,665,000 (24.0)	27,893,000 (24.0)	30,524,000 (23.0)	28,256,000 (22.0)	23,199,000 (18.0)	21,128,000 (17.0)	28,407,000 (22.0)	29,266,000 (22.0)	25,479,000 (20.0)	29,437,000 (23.0)	28,989,000 (23.0)	30,083,000 (23.0)
	Route 70 well											
	197,657,000	175,712,000	191,182,000	224,699,000	282,192,000	246,577,000	316,568,000	284,721,000	264,910,000	238,885,000	209,153,000	203,691,000
	TOTAL PRODUCTION											

Data from Board of Public Utilities, State of New Jersey (1985).

¹ To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-25. Water-distribution system production and operating data, Dover Township area, New Jersey, 1986

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
16 (800)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	276,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	20,543,000 (16.0)	15,036,000 (12.0)	8,810,000 (7.0)	986,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	0 (0.0)	56,039,000 (14.0)	89,466,000 (24.0)	91,883,000 (24.0)	88,732,000 (24.0)	91,539,000 (24.0)	93,506,000 (24.0)	89,789,000 (24.0)	92,444,000 (24.0)	85,366,000 (23.0)	83,816,000 (22.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	12,190,000 (9.0)	10,940,000 (9.0)	10,062,000 (8.0)	3,375,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River well												
32 (700)	10,987,000 (8.0)	9,824,000 (8.0)	10,492,000 (8.0)	10,503,000 (8.0)	29,959,000 (23.0)	32,290,000 (24.0)	17,523,000 (13.0)	14,035,000 (11.0)	9,948,000 (8.0)	8,195,000 (6.0)	8,695,000 (7.0)	8,887,000 (7.0)
Indian Head well												
20 (500)	22,787,000 (24.0)	20,505,000 (24.0)	23,248,000 (24.0)	22,453,000 (24.0)	22,070,000 (24.0)	20,216,000 (22.0)	20,061,000 (22.0)	22,120,000 (24.0)	22,154,000 (24.0)	23,165,000 (24.0)	22,492,000 (24.0)	22,413,000 (24.0)
Parkway wells												
22 (650)	24,513,000 (20.0)	24,213,000 (22.0)	15,500,000 (13.0)	0 (0.0)	13,121,000 (11.0)	22,527,000 (19.0)	19,235,000 (16.0)	21,873,000 (18.0)	20,736,000 (18.0)	17,583,000 (15.0)	4,174,000 (4.0)	14,731,000 (12.0)
23 (350)	8,424,000 (13.0)	8,131,000 (14.0)	5,234,000 (8.0)	0 (0.0)	9,216,000 (14.0)	11,362,000 (18.0)	10,229,000 (16.0)	10,761,000 (17.0)	10,277,000 (16.0)	8,928,000 (14.0)	8,272,000 (13.0)	7,564,000 (12.0)
24 (610)	19,962,000 (18.0)	17,888,000 (17.0)	18,506,000 (16.0)	17,974,000 (16.0)	19,559,000 (17.0)	16,883,000 (15.0)	15,631,000 (14.0)	16,561,000 (15.0)	15,763,000 (14.0)	13,592,000 (12.0)	12,882,000 (12.0)	11,572,000 (10.0)
25 (510)	15,509,000 (16.0)	14,206,000 (17.0)	14,211,000 (15.0)	12,791,000 (14.0)	12,862,000 (14.0)	8,018,000 (9.0)	7,959,000 (8.0)	6,392,000 (7.0)	4,641,000 (5.0)	4,054,000 (4.0)	3,726,000 (4.0)	3,326,000 (4.0)
26 (740)	20,999,000 (15.0)	12,977,000 (10.0)	18,318,000 (13.0)	17,319,000 (13.0)	20,316,000 (15.0)	16,598,000 (12.0)	15,596,000 (11.0)	14,252,000 (10.0)	12,790,000 (10.0)	13,234,000 (10.0)	11,923,000 (9.0)	11,440,000 (8.0)
27 (590)	0 (0.0)	4,770,000 (5.0)	5,070,000 (5.0)	4,669,000 (4.0)	5,866,000 (5.0)	4,912,000 (5.0)	4,467,000 (4.0)	4,209,000 (4.0)	4,379,000 (4.0)	3,227,000 (3.0)	0 (0.0)	0 (0.0)
28 (700)	22,741,000 (17.0)	19,784,000 (17.0)	19,460,000 (15.0)	19,054,000 (15.0)	21,651,000 (17.0)	18,348,000 (15.0)	14,218,000 (11.0)	16,708,000 (13.0)	17,037,000 (14.0)	14,147,000 (11.0)	13,728,000 (11.0)	12,308,000 (10.0)
29 (700)	21,559,000 (17.0)	18,587,000 (16.0)	19,017,000 (15.0)	17,995,000 (14.0)	20,881,000 (16.0)	16,978,000 (13.0)	15,081,000 (12.0)	16,058,000 (12.0)	15,282,000 (12.0)	12,515,000 (10.0)	11,863,000 (9.0)	10,880,000 (8.0)

Table B-25. Water-distribution system production and operating data, Dover Township area, New Jersey, 1986—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²												
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days	
Route 70 well													
31 (700)	30,122,000 (23.0)	27,475,000 (23.0)	7,132,000 (6.0)	5,560,000 (4.0)	31,080,000 (24.0)	28,440,000 (23.0)	31,350,000 (24.0)	31,825,000 (24.0)	31,013,000 (24.0)	32,219,000 (24.0)	31,245,000 (24.0)	32,451,000 (24.0)	
Berkeley wells													
33 (1,000)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,830,000 (3.0)	42,360,000 (24.0)	24,384,000 (13.0)	9,210,000 (5.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	
34 (1,000)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,140,000 (2.0)	22,494,000 (12.0)	1,179,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	
TOTAL PRODUCTION													
	197,603,000	178,360,000	212,227,000	217,784,000	336,027,000	358,056,000	328,639,000	283,050,000	253,809,000	243,303,000	214,366,000	219,388,000	

1. Data from Board of Public Utilities, State of New Jersey (1986).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-26. Water-distribution system production and operating data, Dover Township area, New Jersey, 1987

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	861,000 (1.0)	0 (0.0)	6,349,000 (5.0)	0 (0.0)	2,107,000 (2.0)	8,375,000 (7.0)	11,235,000 (9.0)	5,511,000 (4.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2100)	8,939,000 (2.0)	0 (0.0)	0 (0.0)	62,305,000 (16.0)	87,651,000 (22.0)	84,501,000 (22.0)	88,998,000 (23.0)	94,885,000 (24.0)	90,853,000 (24.0)	94,735,000 (24.0)	40,962,000 (11.0)	90,177,000 (24.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,223,000 (2.0)	4,484,000 (4.0)	5,328,000 (4.0)	0 (0.0)	0 (0.0)	0 (0.0)	9,708,000 (8.0)	26,680,000 (21.0)
South Toms River well												
32 (700)	17,121,000 (13.0)	9,542,000 (8.0)	11,177,000 (9.0)	8,815,000 (7.0)	11,399,000 (9.0)	14,583,000 (12.0)	16,827,000 (13.0)	13,445,000 (10.0)	3,657,000 (3.0)	4,642,000 (4.0)	1,129,000 (1.0)	6,815,000 (5.0)
Indian Head well												
20 (500)	23,196,000 (24.0)	21,186,000 (24.0)	23,341,000 (24.0)	21,673,000 (24.0)	22,381,000 (24.0)	21,919,000 (24.0)	22,719,000 (24.0)	22,855,000 (24.0)	22,762,000 (24.0)	24,042,000 (24.0)	24,046,000 (24.0)	242,000 (1.0)
Parkway wells												
22 (650)	24,091,000 (20.0)	21,545,000 (20.0)	22,829,000 (19.0)	16,555,000 (14.0)	22,447,000 (19.0)	22,729,000 (19.0)	21,731,000 (18.0)	23,052,000 (19.0)	20,691,000 (18.0)	16,919,000 (14.0)	9,556,000 (8.0)	3,869,000 (3.0)
23 (350)	12,311,000 (19.0)	11,097,000 (19.0)	11,730,000 (18.0)	9,630,000 (15.0)	11,513,000 (18.0)	11,618,000 (18.0)	11,017,000 (17.0)	11,259,000 (17.0)	9,885,000 (16.0)	8,442,000 (13.0)	7,468,000 (12.0)	0 (0.0)
24 (610)	19,697,000 (17.0)	17,490,000 (17.0)	18,748,000 (17.0)	11,026,000 (10.0)	5,361,000 (5.0)	18,793,000 (17.0)	18,456,000 (16.0)	20,210,000 (18.0)	18,154,000 (17.0)	15,150,000 (13.0)	20,126,000 (18.0)	22,595,000 (20.0)
25 (510)	5,540,000 (6.0)	4,963,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
26 (740)	19,055,000 (14.0)	17,689,000 (14.0)	16,103,000 (12.0)	15,602,000 (12.0)	19,526,000 (14.0)	19,932,000 (15.0)	19,253,000 (14.0)	7,960,000 (6.0)	0 (0.0)	13,885,000 (10.0)	12,763,000 (10.0)	0 (0.0)
27 (590)	4,924,000 (5.0)	2,990,000 (3.0)	4,433,000 (4.0)	4,112,000 (4.0)	1,193,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
28 (700)	20,121,000 (15.0)	15,494,000 (13.0)	18,632,000 (14.0)	15,574,000 (12.0)	19,305,000 (15.0)	18,334,000 (15.0)	18,385,000 (14.0)	18,864,000 (14.0)	16,700,000 (13.0)	11,742,000 (9.0)	12,218,000 (10.0)	0 (0.0)
29 (700)	17,797,000 (14.0)	15,873,000 (14.0)	16,711,000 (13.0)	13,703,000 (11.0)	16,857,000 (13.0)	17,076,000 (14.0)	16,186,000 (12.0)	16,962,000 (13.0)	15,344,000 (12.0)	12,192,000 (9.0)	10,981,000 (9.0)	1,107,000 (1.0)

Table B-26. Water-distribution system production and operating data, Dover Township area, New Jersey, 1987—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²												
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days	
Route 70 well													
31 (700)	32,628,000 (24.0)	29,096,000 (24.0)	32,411,000 (24.0)	21,941,000 (17.0)	31,398,000 (24.0)	29,710,000 (24.0)	28,651,000 (22.0)	30,325,000 (23.0)	28,045,000 (22.0)	29,390,000 (23.0)	28,632,000 (23.0)	29,659,000 (23.0)	
Berkeley wells													
33 (1,000)	28,235,000 (15.0)	28,879,000 (17.0)	35,789,000 (19.0)	16,148,000 (9.0)	19,045,000 (10.0)	41,007,000 (23.0)	50,956,000 (24.0)	54,173,000 (24.0)	43,297,000 (24.0)	28,593,000 (15.0)	43,544,000 (24.0)	49,998,000 (24.0)	
34 (1,000)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,500,000 (1.0)	15,929,000 (9.0)	24,589,000 (13.0)	37,826,000 (20.0)	3,826,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	
TOTAL PRODUCTION													
	234,516,000	195,844,000	218,253,000	217,084,000	273,906,000	328,990,000	354,331,000	357,327,000	273,214,000	259,732,000	221,133,000	231,142,000	

1. Data from Board of Public Utilities, State of New Jersey (1987).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-27. Water-distribution system production and operating data, Dover Township area, New Jersey, 1988

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	3,950,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,518,000 (1.0)	16,709,000 (13.0)	22,727,000 (17.0)	14,268,000 (11.0)	0 (0.0)	0 (0.0)	2,653,000 (2.0)	0 (0.0)
30 (2,100)	53,617,000 (14.0)	64,277,000 (18.0)	42,449,000 (11.0)	48,259,000 (13.0)	58,857,000 (15.0)	73,059,000 (19.0)	82,918,000 (21.0)	81,743,000 (21.0)	43,681,000 (12.0)	41,782,000 (11.0)	33,928,000 (9.0)	0 (0.0)
Brookside well												
15 (700)	26,094,000 (20.0)	3,117,000 (3.0)	18,431,000 (14.0)	23,881,000 (19.0)	22,570,000 (17.0)	23,151,000 (18.0)	22,358,000 (17.0)	22,656,000 (17.0)	11,237,000 (9.0)	0 (0.0)	11,553,000 (9.0)	0 (0.0)
South Toms River wells												
32 (700)	9,278,000 (7.0)	10,609,000 (9.0)	12,457,000 (10.0)	9,801,000 (8.0)	11,560,000 (9.0)	22,781,000 (18.0)	22,317,000 (17.0)	17,552,000 (14.0)	10,226,000 (8.0)	9,090,000 (7.0)	11,066,000 (9.0)	8,996,000 (7.0)
38 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	9,890,000 (8.0)	7,526,000 (6.0)	108,000 (1.0)	0 (0.0)	0 (0.0)	1,258,000 (1.0)
Indian Head well												
20 (500)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	7,422,000 (8.0)	18,141,000 (20.0)	19,375,000 (21.0)	18,703,000 (21.0)	19,263,000 (21.0)	18,626,000 (21.0)	10,018,000 (11.0)
Parkway wells												
22 (650)	10,114,000 (8.0)	13,156,000 (12.0)	19,240,000 (16.0)	25,489,000 (22.0)	25,517,000 (21.0)	24,917,000 (21.0)	21,678,000 (18.0)	20,945,000 (17.0)	18,815,000 (16.0)	21,607,000 (18.0)	10,885,000 (9.0)	24,183,000 (20.0)
23 (350)	4,722,000 (7.0)	0 (0.0)	0 (0.0)	0 (0.0)	5,591,000 (9.0)	12,415,000 (20.0)	10,983,000 (17.0)	10,502,000 (16.0)	9,762,000 (16.0)	11,405,000 (18.0)	2,199,000 (4.0)	0 (0.0)
24 (610)	22,404,000 (20.0)	22,130,000 (21.0)	23,791,000 (21.0)	24,482,000 (22.0)	22,910,000 (20.0)	23,775,000 (22.0)	20,412,000 (18.0)	18,806,000 (17.0)	17,629,000 (16.0)	19,930,000 (18.0)	10,320,000 (9.0)	23,068,000 (20.0)
26 (740)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	18,486,000 (13.0)	18,161,000 (13.0)	16,907,000 (13.0)	19,152,000 (14.0)	9,717,000 (7.0)	21,280,000 (15.0)
28 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	6,345,000 (5.0)	23,799,000 (19.0)	21,290,000 (16.0)	20,230,000 (16.0)	18,533,000 (15.0)	20,801,000 (16.0)	7,717,000 (6.0)	23,445,000 (18.0)
29 (700)	7,473,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,814,000 (2.0)	18,763,000 (15.0)	17,800,000 (14.0)	17,139,000 (13.0)	23,098,000 (18.0)	17,589,000 (14.0)	9,171,000 (7.0)	19,113,000 (15.0)
Route 70 well												
31 (700)	30,011,000 (23.0)	28,212,000 (23.0)	29,779,000 (23.0)	28,684,000 (23.0)	29,858,000 (23.0)	28,781,000 (23.0)	28,064,000 (22.0)	28,602,000 (22.0)	26,585,000 (21.0)	28,504,000 (22.0)	28,384,000 (23.0)	28,782,000 (22.0)

Table B-27. Water-distribution system production and operating data, Dover Township area, New Jersey, 1988—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
	Berkeley wells											
33 (1,000)	52,199,000 (24.0)	48,723,000 (24.0)	52,125,000 (24.0)	48,662,000 (24.0)	51,714,000 (24.0)	49,869,000 (24.0)	50,633,000 (24.0)	40,448,000 (22.0)	40,005,000 (22.0)	44,100,000 (24.0)	43,011,000 (24.0)	44,140,000 (24.0)
34 (1,000)	14,792,000 (8.0)	20,945,000 (12.0)	31,772,000 (17.0)	29,394,000 (16.0)	31,962,000 (17.0)	47,762,000 (24.0)	42,709,000 (23.0)	32,914,000 (18.0)	30,269,000 (17.0)	25,382,000 (14.0)	26,772,000 (15.0)	24,234,000 (13.0)
35 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	22,386,000 (17.0)	17,404,000 (13.0)	17,489,000 (14.0)	3,474,000 (3.0)	9,728,000 (8.0)	11,700,000 (9.0)
	234,654,000	211,169,000	230,044,000	238,652,000	271,216,000	373,203,000	432,792,000	388,271,000	303,047,000	282,079,000	235,730,000	240,217,000
	TOTAL PRODUCTION											

1. Data from Board of Public Utilities, State of New Jersey (1988).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-28. Water-distribution system production and operating data, Dover Township area, New Jersey, 1989

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,740,000 (3.0)	902,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	3,260,000 (1.0)	21,138,000 (6.0)	21,138,000 (6.0)	25,265,000 (7.0)	48,463,000 (13.0)	74,644,000 (19.0)	96,483,000 (24.0)	76,384,000 (20.0)	78,085,000 (20.0)	98,001,000 (24.0)	77,891,000 (20.0)
37 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	80,000 (1.0)	849,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,855,000 (2.0)	5,154,000 (4.0)	3,133,000 (3.0)	5,784,000 (5.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
32 (700)	9,098,000 (7.0)	10,560,000 (9.0)	0 (0.0)	1,992,000 (2.0)	12,090,000 (9.0)	9,566,000 (8.0)	15,181,000 (12.0)	15,148,000 (12.0)	13,639,000 (11.0)	4,417,000 (3.0)	12,114,000 (10.0)	9,896,000 (8.0)
38 (700)	0 (0.0)	0 (0.0)	15,084,000 (12.0)	1,256,000 (1.0)	0 (0.0)	0 (0.0)	2,412,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Indian Head well												
20 (500)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	21,523,000 (23.0)	17,919,000 (20.0)	18,466,000 (20.0)	22,540,000 (24.0)	17,953,000 (20.0)	17,941,000 (19.0)	22,288,000 (24.0)	162,000 (1.0)
Parkway wells												
22 (650)	22,382,000 (19.0)	23,028,000 (21.0)	29,222,000 (24.0)	22,849,000 (20.0)	24,305,000 (20.0)	18,957,000 (16.0)	19,032,000 (16.0)	22,026,000 (18.0)	17,978,000 (15.0)	18,124,000 (15.0)	21,995,000 (19.0)	19,138,000 (16.0)
23 (350)	0 (0.0)	0 (0.0)	8,438,000 (13.0)	12,366,000 (20.0)	14,320,000 (22.0)	10,667,000 (17.0)	10,262,000 (16.0)	6,970,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
24 (610)	20,405,000 (18.0)	20,231,000 (20.0)	26,807,000 (24.0)	20,243,000 (18.0)	24,133,000 (21.0)	12,296,000 (11.0)	13,044,000 (12.0)	17,497,000 (15.0)	10,700,000 (10.0)	3,080,000 (3.0)	4,607,000 (4.0)	1,911,000 (2.0)
26 (740)	19,397,000 (14.0)	19,533,000 (16.0)	24,602,000 (18.0)	18,714,000 (14.0)	22,334,000 (16.0)	17,042,000 (13.0)	17,771,000 (13.0)	19,647,000 (14.0)	17,460,000 (13.0)	16,483,000 (12.0)	19,745,000 (15.0)	15,425,000 (11.0)
28 (700)	21,688,000 (17.0)	21,844,000 (19.0)	25,541,000 (20.0)	19,762,000 (16.0)	23,308,000 (18.0)	19,841,000 (16.0)	18,035,000 (14.0)	23,378,000 (18.0)	17,524,000 (14.0)	16,736,000 (13.0)	23,076,000 (18.0)	7,581,000 (6.0)
29 (700)	18,311,000 (14.0)	19,806,000 (17.0)	23,463,000 (18.0)	18,283,000 (15.0)	21,791,000 (17.0)	16,436,000 (13.0)	15,023,000 (12.0)	18,158,000 (14.0)	12,206,000 (10.0)	13,958,000 (11.0)	18,500,000 (15.0)	15,039,000 (12.0)

Table B-28. Water-distribution system production and operating data, Dover Township area, New Jersey, 1989—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Route 70 well												
31 (700)	26,184.00 (20.0)	26,306.00 (22.0)	28,246.00 (22.0)	25,696.00 (20.0)	32,109.00 (24.0)	24,325.00 (19.0)	26,288.00 (20.0)	31,891.00 (24.0)	25,303.00 (20.0)	23,483.00 (18.0)	31,425.00 (24.0)	25,737.00 (20.0)
Berkeley wells												
33 (1,000)	41,639.00 (22.0)	39,859.00 (24.0)	22,155.00 (12.0)	14,416.00 (8.0)	27,730.00 (15.0)	27,133.00 (15.0)	26,985.00 (15.0)	26,130.00 (14.0)	31,184.00 (17.0)	27,159.00 (15.0)	51,293.00 (24.0)	41,683.00 (22.0)
34 (1,000)	23,390.00 (13.0)	20,179.00 (12.0)	27,322.00 (15.0)	21,882.00 (12.0)	49,676.00 (24.0)	40,068.00 (22.0)	45,736.00 (24.0)	49,939.00 (24.0)	32,774.00 (18.0)	35,671.00 (19.0)	5,076.00 (3.0)	13,384.00 (7.0)
35 (700)	9,897.00 (8.0)	3,733.00 (3.0)	29,812.00 (23.0)	32,489.00 (24.0)	21,941.00 (17.0)	22,371.00 (18.0)	26,187.00 (20.0)	28,030.00 (22.0)	24,620.00 (20.0)	16,941.00 (13.0)	18,508.00 (15.0)	0 (0.0)
TOTAL PRODUCTION												
	212,391,000	205,079,000	263,952,000	231,086,000	320,525,000	287,939,000	338,040,000	382,721,000	303,509,000	272,078,000	326,628,000	227,847,000

Data from Board of Public Utilities, State of New Jersey (1989) and Flegal (1997).

o determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-29. Water-distribution system production and operating data, Dover Township area, New Jersey, 1990

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,533,000 (3.0)	7,730,000 (6.0)	1,635,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	12,121,000 (3.0)	0 (0.0)	0 (0.0)	2,080,000 (1.0)	17,038,000 (4.0)	68,315,000 (18.0)	86,027,000 (22.0)	83,836,000 (21.0)	82,146,000 (22.0)	78,438,000 (20.0)	14,870,000 (4.0)	0 (0.0)
37 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,878,000 (2.0)	390,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,591,000 (1.0)	16,763,000 (13.0)	4,271,000 (3.0)	14,899,000 (12.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
32 (700)	11,220,000 (9.0)	8,499,000 (7.0)	9,855,000 (8.0)	9,307,000 (7.0)	11,016,000 (8.0)	17,838,000 (14.0)	19,947,000 (15.0)	12,339,000 (9.0)	10,721,000 (9.0)	9,430,000 (7.0)	11,448,000 (9.0)	10,125,000 (8.0)
38 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,025,000 (2.0)	541,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Indian Head well												
20 (500)	17,666,00 (19.0)	13,263,000 (16.0)	18,961,000 (20.0)	16,518,000 (18.0)	18,979,000 (20.0)	17,988,000 (20.0)	18,233,000 (20.0)	17,637,000 (19.0)	18,148,000 (20.0)	15,956,000 (17.0)	15,538,000 (17.0)	5,523,000 (6.0)
Parkway wells												
22 (650)	23,101,000 (19.0)	21,933,000 (20.0)	24,432,000 (20.0)	22,719,000 (19.0)	22,862,000 (19.0)	22,891,000 (20.0)	23,314,000 (19.0)	14,692,000 (12.0)	0 (0.0)	0 (0.0)	1,152,000 (1.0)	21,134,000 (17.0)
24 (610)	16,056,000 (14.0)	11,038,000 (11.0)	14,502,000 (13.0)	18,220,000 (17.0)	19,377,000 (17.0)	19,673,000 (18.0)	20,767,000 (18.0)	21,857,000 (19.0)	23,203,000 (21.0)	20,541,000 (18.0)	19,212,000 (18.0)	18,937,000 (17.0)
26 (740)	19,992,000 (15.0)	19,543,000 (16.0)	19,687,000 (14.0)	19,190,000 (14.0)	20,293,000 (15.0)	18,779,000 (14.0)	19,462,000 (14.0)	18,205,000 (13.0)	18,431,000 (14.0)	19,185,000 (14.0)	19,229,000 (14.0)	18,970,000 (14.0)
28 (700)	16,754,000 (13.0)	21,323,000 (18.0)	21,698,000 (17.0)	21,109,000 (17.0)	22,986,000 (18.0)	21,629,000 (17.0)	21,981,000 (17.0)	20,594,000 (16.0)	20,451,000 (16.0)	21,431,000 (16.0)	22,002,000 (17.0)	21,090,000 (16.0)
29 (700)	18,905,000 (15.0)	18,524,000 (16.0)	19,136,000 (15.0)	18,596,000 (15.0)	19,611,000 (15.0)	19,058,000 (15.0)	18,905,000 (15.0)	17,572,000 (14.0)	18,164,000 (14.0)	18,671,000 (14.0)	18,909,000 (15.0)	18,506,000 (14.0)
Route 70 well												
31 (700)	28,018,000 (22.0)	25,517,000 (22.0)	31,127,000 (24.0)	29,419,000 (23.0)	30,271,000 (23.0)	28,791,000 (23.0)	28,997,000 (22.0)	27,428,000 (21.0)	26,815,000 (21.0)	27,626,000 (21.0)	26,500,000 (21.0)	27,553,000 (21.0)

Table B-29. Water-distribution system production and operating data, Dover Township area, New Jersey, 1990—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Berkeley wells												
33 (1,000)	45,317,000 (24.0)	41,710,000 (24.0)	45,841,000 (24.0)	41,793,000 (23.0)	41,995,000 (23.0)	37,392,000 (21.0)	36,724,000 (20.0)	38,927,000 (21.0)	39,351,000 (22.0)	41,863,000 (23.0)	40,745,000 (23.0)	42,225,000 (23.0)
34 (1,000)	25,306,000 (14.0)	22,833,000 (14.0)	22,420,000 (12.0)	21,960,000 (12.0)	25,742,000 (14.0)	27,130,000 (15.0)	30,101,000 (16.0)	21,709,000 (12.0)	21,582,000 (12.0)	13,315,000 (7.0)	23,303,000 (13.0)	24,457,000 (13.0)
35 (700)	0 (0.0)	0 (0.0)	6,309,000 (5.0)	21,530,000 (17.0)	21,772,000 (17.0)	23,002,000 (18.0)	23,513,000 (18.0)	15,714,000 (12.0)	17,323,000 (14.0)	15,607,000 (12.0)	18,131,000 (15.0)	19,389,000 (15.0)
TOTAL PRODUCTION												
	234,456,000	204,183,000	233,968,000	242,441,000	271,942,000	327,610,000	377,367,000	317,347,000	311,234,000	282,063,000	231,039,000	227,909,000

1. Data from Board of Public Utilities, State of New Jersey (1990) and Flegal (1997).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-30. Water-distribution system production and operating data, Dover Township area, New Jersey, 1991

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	10,046,000 (8.0)	10,825,000 (9.0)	7,776,000 (6.0)	9,895,000 (8.0)	6,429,000 (5.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	771,000 (1.0)	4,767,000 (2.0)	25,928,000 (7.0)	43,828,000 (12.0)	62,773,000 (16.0)	83,018,000 (22.0)	85,949,000 (22.0)	84,320,000 (22.0)	83,036,000 (22.0)	65,188,000 (17.0)	0 (0.0)	0 (0.0)
37 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,109,000 (2.0)	5,463,000 (4.0)	4,362,000 (3.0)	2,059,000 (2.0)	278,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	17,316,000 (13.0)	17,390,000 (14.0)	11,873,000 (9.0)	10,536,000 (8.0)	12,787,000 (10.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
32 (700)	8,574,000 (7.0)	10,416,000 (9.0)	13,056,000 (10.0)	12,016,000 (10.0)	18,973,000 (15.0)	17,426,000 (14.0)	18,875,000 (15.0)	17,029,000 (13.0)	13,676,000 (11.0)	10,189,000 (8.0)	11,999,000 (10.0)	11,682,000 (9.0)
38 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,022,000 (2.0)	7,749,000 (6.0)	8,791,000 (7.0)	8,586,000 (7.0)	2,402,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)
Indian Head well												
20 (500)	5,867,000 (6.0)	11,296,000 (13.0)	15,853,000 (17.0)	7,993,000 (9.0)	12,321,000 (13.0)	11,280,000 (13.0)	11,031,000 (12.0)	11,146,000 (12.0)	9,638,000 (11.0)	5,932,000 (6.0)	6,400,000 (7.0)	7,200,000 (8.0)
Parkway wells												
22 (650)	21,434,000 (18.0)	19,271,000 (18.0)	24,066,000 (20.0)	23,345,000 (20.0)	24,930,000 (21.0)	23,524,000 (20.0)	22,846,000 (19.0)	22,706,000 (19.0)	21,565,000 (18.0)	21,196,000 (18.0)	23,064,000 (20.0)	23,335,000 (19.0)
24 (610)	18,848,000 (17.0)	17,352,000 (17.0)	19,799,000 (17.0)	18,867,000 (17.0)	20,898,000 (18.0)	15,676,000 (14.0)	14,893,000 (13.0)	16,044,000 (14.0)	12,567,000 (11.0)	16,271,000 (14.0)	18,618,000 (17.0)	17,848,000 (16.0)
26 (740)	18,839,000 (14.0)	16,845,000 (14.0)	18,141,000 (13.0)	15,318,000 (12.0)	16,621,000 (12.0)	15,682,000 (12.0)	16,105,000 (12.0)	15,584,000 (11.0)	14,684,000 (11.0)	14,371,000 (10.0)	15,426,000 (12.0)	15,018,000 (11.0)
28 (700)	20,350,000 (16.0)	16,602,000 (14.0)	21,037,000 (16.0)	21,593,000 (17.0)	24,478,000 (19.0)	20,694,000 (16.0)	22,973,000 (18.0)	22,536,000 (17.0)	21,564,000 (17.0)	21,697,000 (17.0)	22,987,000 (18.0)	22,920,000 (18.0)
29 (700)	18,509,000 (14.0)	16,417,000 (14.0)	18,652,000 (14.0)	17,889,000 (14.0)	20,725,000 (16.0)	18,656,000 (15.0)	17,626,000 (14.0)	17,185,000 (13.0)	16,329,000 (13.0)	16,534,000 (13.0)	17,710,000 (14.0)	17,621,000 (14.0)
39 (300)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,417,000 (4.0)	8,163,000 (15.0)	8,358,000 (15.0)	6,247,000 (11.0)	6,968,000 (13.0)	388,000 (1.0)	0 (0.0)	0 (0.0)

Table B-30. Water-distribution system production and operating data, Dover Township area, New Jersey, 1991—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²												
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days	
Route 70 well													
31 (700)	27,725.00 (21.0)	26,362.00 (22.0)	2,489,000 (2.0)	30,099,000 (24.0)	27,621,000 (21.0)	26,193,000 (21.0)	26,769,000 (21.0)	26,688,000 (21.0)	25,977,000 (21.0)	26,586,000 (21.0)	26,583,000 (21.0)	27,358,000 (21.0)	
Berkeley wells													
33 (1,000)	40,745,000 (22.0)	38,176,000 (23.0)	44,412,000 (24.0)	42,960,000 (24.0)	38,520,000 (21.0)	35,758,000 (20.0)	34,863,000 (19.0)	36,032,000 (19.0)	35,840,000 (20.0)	40,598,000 (22.0)	40,336,000 (22.0)	41,938,000 (23.0)	
34 (1,000)	24,953,000 (13.0)	23,408,000 (14.0)	21,684,000 (12.0)	603,000 (1.0)	26,627,000 (14.0)	25,311,000 (14.0)	27,102,000 (15.0)	26,005,000 (14.0)	22,749,000 (13.0)	18,727,000 (10.0)	23,143,000 (13.0)	24,020,000 (13.0)	
35 (700)	17,680,000 (14.0)	2,171,000 (2.0)	0 (0.0)	16,678,000 (13.0)	27,120,000 (21.0)	24,572,000 (20.0)	26,129,000 (20.0)	25,192,000 (19.0)	21,372,000 (17.0)	13,131,000 (10.0)	18,232,000 (14.0)	17,953,000 (14.0)	
Windsor well													
40 (1,900)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,852,000 (1.0)	4,117,000 (1.0)	657,000 (1.0)	0 (0.0)	0 (0.0)	349,000 (1.0)	0 (0.0)	
TOTAL PRODUCTION													
	224,295,000	203,083,000	225,117,000	251,189,000	356,517,000	370,232,000	370,438,000	358,447,000	327,861,000	270,808,000	224,847,000	226,893,000	

1. Data from Board of Public Utilities, State of New Jersey (1991) and Flegal (1997).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{C \times D \times 60}$ where:

- T_{avg} = average time a well was operated, in hours per day;
- Q_p = production of water, in gallons per month;
- C = rated capacity of the well, in gallons per minute;
- D = number of days per month; and
- 60 = number of minutes per hour.

Table B-31. Water-distribution system production and operating data, Dover Township area, New Jersey, 1992

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	415,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	827,000 (1.0)	21,050,000 (5.0)	41,741,000 (11.0)	81,800,000 (21.0)	84,519,000 (22.0)	86,824,000 (22.0)	85,099,000 (22.0)	81,439,000 (22.0)	83,354,000 (21.0)	17,628,000 (5.0)	0 (0.0)
37 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5,928,000 (5.0)	7,291,000 (6.0)	11,510,000 (9.0)	5,205,000 (4.0)	2,899,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,155,000 (3.0)	14,436,000 (11.0)	20,603,000 (16.0)	28,565,000 (22.0)	28,840,000 (22.0)	20,163,000 (16.0)	3,678,000 (3.0)	0 (0.0)	0 (0.0)
South Toms River wells												
32 (700)	11,204,000 (11.0)	9,162,000 (10.0)	10,756,000 (11.0)	6,062,000 (6.0)	6,311,000 (6.0)	16,348,000 (17.0)	13,922,000 (14.0)	12,891,000 (13.0)	11,533,000 (12.0)	8,141,000 (8.0)	12,342,000 (13.0)	13,860,000 (14.0)
38 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,545,000 (2.0)	5,222,000 (5.0)	6,120,000 (5.0)	5,391,000 (5.0)	4,822,000 (4.0)	249,000 (1.0)	4,606,000 (4.0)	7,215,000 (6.0)
Indian Head well												
20 (500)	7,142,000 (9.0)	7,022,000 (9.0)	9,125,000 (11.0)	9,223,000 (12.0)	11,261,000 (14.0)	10,676,000 (13.0)	11,495,000 (14.0)	7,638,000 (9.0)	7,888,000 (10.0)	3,382,000 (4.0)	7,915,000 (10.0)	8,236,000 (10.0)
Parkway wells												
22 (650)	23,741,000 (20.0)	21,611,000 (19.0)	8,743,000 (7.0)	23,637,000 (20.0)	22,984,000 (19.0)	20,780,000 (18.0)	20,302,000 (17.0)	18,922,000 (16.0)	20,421,000 (17.0)	19,503,000 (16.0)	22,010,000 (19.0)	25,211,000 (21.0)
24 (610)	17,833,000 (16.0)	15,248,000 (14.0)	12,714,000 (11.0)	0 (0.0)	11,585,000 (10.0)	10,638,000 (10.0)	9,670,000 (9.0)	9,359,000 (8.0)	10,697,000 (10.0)	10,281,000 (9.0)	12,061,000 (11.0)	14,522,000 (13.0)
26 (740)	15,730,000 (11.0)	13,807,000 (11.0)	11,981,000 (9.0)	13,664,000 (10.0)	15,865,000 (10.0)	14,776,000 (11.0)	14,929,000 (11.0)	13,978,000 (10.0)	13,721,000 (10.0)	13,316,000 (10.0)	14,323,000 (11.0)	15,476,000 (11.0)
28 (700)	23,306,000 (18.0)	20,624,000 (17.0)	23,422,000 (18.0)	21,439,000 (17.0)	20,455,000 (16.0)	20,189,000 (16.0)	21,147,000 (16.0)	19,733,000 (15.0)	20,774,000 (16.0)	20,553,000 (16.0)	21,080,000 (17.0)	24,355,000 (19.0)
29 (700)	17,661,000 (14.0)	16,424,000 (14.0)	18,394,000 (14.0)	16,506,000 (13.0)	16,548,000 (13.0)	15,392,000 (12.0)	14,724,000 (11.0)	14,927,000 (11.0)	15,824,000 (13.0)	15,449,000 (12.0)	17,118,000 (14.0)	11,594,000 (9.0)
39 (300)	374,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	7,755,000 (14.0)	6,767,000 (13.0)	4,993,000 (9.0)	4,498,000 (8.0)	4,336,000 (8.0)	3,605,000 (6.0)	3,464,000 (6.0)	4,395,000 (8.0)

Table B-31. Water-distribution system production and operating data, Dover Township area, New Jersey, 1992—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Route 70 well												
31 (700)	27,233,000 (22.0)	24,926,000 (22.0)	26,740,000 (22.0)	26,507,000 (22.0)	28,286,000 (23.0)	27,419,000 (23.0)	25,640,000 (21.0)	28,442,000 (23.0)	28,930,000 (24.0)	29,675,000 (24.0)	28,752,000 (24.0)	29,645,000 (24.0)
Berkeley wells												
33 (1,000)	40,784,000 (24.0)	38,847,000 (24.0)	45,196,000 (24.0)	44,311,000 (24.0)	32,130,000 (19.0)	34,386,000 (21.0)	36,821,000 (22.0)	40,053,000 (24.0)	39,196,000 (24.0)	41,133,000 (24.0)	40,309,000 (24.0)	41,155,000 (24.0)
34 (1,000)	23,748,000 (14.0)	22,401,000 (14.0)	23,407,000 (14.0)	22,871,000 (14.0)	22,928,000 (14.0)	24,678,000 (15.0)	27,933,000 (17.0)	24,725,000 (15.0)	19,110,000 (12.0)	19,301,000 (12.0)	20,212,000 (13.0)	23,810,000 (14.0)
35 (700)	18,020,000 (16.0)	18,160,000 (17.0)	18,649,000 (16.0)	21,024,000 (19.0)	19,880,000 (17.0)	22,289,000 (20.0)	21,993,000 (19.0)	15,981,000 (14.0)	17,623,000 (16.0)	12,902,000 (11.0)	15,673,000 (14.0)	20,267,000 (18.0)
Windsor well												
40 (1,900)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	6,034,000 (2.0)	17,227,000 (5.0)	19,432,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
TOTAL PRODUCTION												
	226,776,000	209,059,000	230,177,000	250,140,000	327,146,000	359,200,000	376,020,000	335,682,000	319,376,000	284,522,000	237,493,000	239,741,000

1. Data from Board of Public Utilities, State of New Jersey (1992) and Flegal (1997).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

- T_{avg} = average time a well was operated, in hours per day;
- Q_p = production of water, in gallons per month;
- C = rated capacity of the well, in gallons per minute;
- D = number of days per month; and
- 60 = number of minutes per hour.

Table B-32. Water-distribution system production and operating data, Dover Township area, New Jersey, 1993

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,091,000 (3.0)	3,859,000 (3.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	0 (0.0)	42,598,000 (11.0)	84,764,000 (22.0)	75,711,000 (20.0)	82,799,000 (21.0)	80,322,000 (21.0)	82,525,000 (22.0)	42,269,000 (11.0)	0 (0.0)	0 (0.0)	0 (0.0)
37 (700)	0 (0.0)	0 (0.0)	0 (0.0)	8,669,000 (7.0)	19,943,000 (16.0)	23,535,000 (18.0)	9,247,000 (7.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	19,361,000 (15.0)	22,225,000 (18.0)	19,238,000 (15.0)	24,681,000 (19.0)	21,622,000 (17.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
32 (700)	11,457,000 (12.0)	12,251,000 (14.0)	18,956,000 (19.0)	15,991,000 (17.0)	17,370,000 (18.0)	17,850,000 (19.0)	18,587,000 (19.0)	14,719,000 (15.0)	10,190,000 (11.0)	6,668,000 (7.0)	15,609,000 (16.0)	8,141,000 (8.0)
38 (700)	3,535,000 (3.0)	5,460,000 (5.0)	9,310,000 (8.0)	6,947,000 (6.0)	11,804,000 (10.0)	13,409,000 (12.0)	15,802,000 (14.0)	9,972,000 (9.0)	4,134,000 (4.0)	238,000 (1.0)	252,000 (1.0)	30,000 (1.0)
Indian Head well												
20 (500)	8,600,000 (10.0)	9,492,000 (13.0)	15,764,000 (19.0)	11,567,000 (14.0)	11,209,000 (13.0)	7,201,000 (9.0)	11,584,000 (14.0)	9,668,000 (12.0)	8,296,000 (10.0)	12,707,000 (15.0)	16,353,000 (20.0)	16,246,000 (20.0)
Parkway wells												
22 (650)	25,366,000 (21.0)	23,603,000 (22.0)	26,926,000 (22.0)	23,760,000 (20.0)	25,310,000 (21.0)	24,208,000 (21.0)	25,047,000 (21.0)	23,627,000 (20.0)	21,002,000 (18.0)	22,695,000 (19.0)	24,005,000 (21.0)	22,996,000 (19.0)
24 (610)	15,047,000 (13.0)	14,334,000 (14.0)	16,157,000 (14.0)	14,578,000 (13.0)	15,821,000 (14.0)	15,623,000 (14.0)	16,079,000 (14.0)	14,555,000 (13.0)	12,168,000 (11.0)	13,614,000 (12.0)	14,450,000 (13.0)	13,366,000 (12.0)
26 (740)	14,531,000 (11.0)	12,949,000 (10.0)	14,092,000 (10.0)	12,602,000 (9.0)	13,045,000 (9.0)	11,948,000 (9.0)	12,064,000 (9.0)	13,210,000 (10.0)	12,600,000 (9.0)	13,322,000 (10.0)	13,788,000 (10.0)	14,483,000 (11.0)
28 (700)	24,413,000 (19.0)	22,599,000 (19.0)	25,441,000 (20.0)	22,891,000 (18.0)	24,791,000 (19.0)	24,049,000 (19.0)	24,728,000 (19.0)	22,122,000 (17.0)	18,552,000 (15.0)	19,523,000 (15.0)	20,954,000 (17.0)	20,574,000 (16.0)
29 (700)	17,960,000 (14.0)	16,683,000 (14.0)	18,706,000 (14.0)	16,364,000 (13.0)	18,490,000 (14.0)	18,126,000 (14.0)	17,721,000 (14.0)	16,005,000 (12.0)	13,376,000 (11.0)	14,953,000 (12.0)	15,583,000 (12.0)	14,999,000 (12.0)
39 (300)	4,938,000 (9.0)	1,525,000 (3.0)	0 (0.0)	387,000 (1.0)	5,328,000 (10.0)	5,076,000 (9.0)	5,232,000 (9.0)	4,556,000 (8.0)	3,847,000 (7.0)	2,133,000 (4.0)	0 (0.0)	8,000 (1.0)
41 (250)	0 (0.0)	0 (0.0)	0 (0.0)	7,753,000 (17.0)	8,754,000 (19.0)	8,119,000 (18.0)	8,201,000 (18.0)	8,365,000 (18.0)	8,507,000 (19.0)	9,802,000 (21.0)	9,116,000 (20.0)	8,105,000 (17.0)

Table B-32. Water-distribution system production and operating data, Dover Township area, New Jersey, 1993—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²												
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days	
Route 70 well													
31 (700)	29,465,000 (24.0)	26,658,000 (24.0)	29,764,000 (24.0)	28,681,000 (24.0)	26,707,000 (22.0)	29,094,000 (24.0)	26,796,000 (22.0)	25,486,000 (20.0)	26,030,000 (22.0)	31,831,000 (24.0)	29,938,000 (24.0)	30,308,000 (24.0)	
Berkeley wells													
33 (1,000)	41,489,000 (24.0)	37,506,000 (24.0)	42,096,000 (24.0)	40,494,000 (24.0)	37,134,000 (22.0)	34,133,000 (21.0)	33,837,000 (20.0)	34,978,000 (21.0)	35,186,000 (22.0)	36,651,000 (22.0)	39,145,000 (24.0)	37,641,000 (23.0)	
34 (1,000)	23,866,000 (14.0)	13,838,000 (9.0)	0 (0.0)	0 (0.0)	21,604,000 (13.0)	30,463,000 (19.0)	29,102,000 (18.0)	25,618,000 (15.0)	19,566,000 (12.0)	29,192,000 (18.0)	20,605,000 (13.0)	38,561,000 (23.0)	
35 (700)	19,489,000 (17.0)	17,795,000 (17.0)	19,561,000 (17.0)	18,134,000 (16.0)	20,384,000 (18.0)	22,626,000 (20.0)	23,252,000 (20.0)	20,571,000 (18.0)	17,446,000 (16.0)	21,034,000 (18.0)	25,571,000 (23.0)	25,502,000 (22.0)	
Windsor well													
40 (1,900)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	9,260,000 (5.0)	43,721,000 (24.0)	71,461,000 (24.0)	29,198,000 (15.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	
TOTAL PRODUCTION													
	240,156,000	214,693,000	236,773,000	262,747,000	379,805,000	427,616,000	468,924,000	386,900,000	315,047,000	276,632,000	245,369,000	250,960,000	

1. Data from Board of Public Utilities, State of New Jersey (1993) and Flegal (1997).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-33. Water-distribution system production and operating data, Dover Township area, New Jersey, 1994

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1,914,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	0 (0.0)	0 (0.0)	1,574,000 (1.0)	31,555,000 (8.0)	81,433,000 (22.0)	84,932,000 (22.0)	67,628,000 (17.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
37 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,032,000 (3.0)	618,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	4,734,000 (4.0)	29,566,000 (24.0)	17,208,000 (14.0)	9,977,000 (8.0)	27,794,000 (22.0)	15,539,000 (13.0)	737,000 (1.0)	0 (0.0)	0 (0.0)
South Toms River wells												
32 (700)	21,505,000 (22.0)	21,797,000 (24.0)	23,440,000 (24.0)	20,173,000 (21.0)	20,003,000 (21.0)	19,568,000 (21.0)	13,626,000 (14.0)	15,808,000 (16.0)	21,060,000 (22.0)	21,907,000 (22.0)	21,134,000 (22.0)	21,060,000 (22.0)
38 (700)	3,211,000 (3.0)	5,998,000 (6.0)	2,016,000 (2.0)	0 (0.0)	0 (0.0)	15,523,000 (16.0)	9,216,000 (9.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Indian Head well												
20 (500)	16,591,000 (20.0)	15,284,000 (20.0)	16,558,000 (20.0)	16,142,000 (20.0)	16,811,000 (20.0)	15,749,000 (20.0)	16,309,000 (20.0)	16,437,000 (20.0)	16,259,000 (20.0)	16,608,000 (20.0)	8,542,000 (11.0)	0 (0.0)
Parkway wells												
22 (650)	26,661,000 (22.0)	23,188,000 (21.0)	23,050,000 (19.0)	24,825,000 (21.0)	24,903,000 (21.0)	27,814,000 (24.0)	25,675,000 (21.0)	21,205,000 (18.0)	27,434,000 (23.0)	27,165,000 (22.0)	22,201,000 (19.0)	23,224,000 (19.0)
24 (610)	16,885,000 (15.0)	14,425,000 (14.0)	14,571,000 (13.0)	15,149,000 (14.0)	15,227,000 (13.0)	17,010,000 (15.0)	15,809,000 (14.0)	11,657,000 (10.0)	16,790,000 (15.0)	16,799,000 (15.0)	13,439,000 (12.0)	14,185,000 (13.0)
26 (740)	16,178,000 (12.0)	13,203,000 (11.0)	12,890,000 (9.0)	11,896,000 (9.0)	10,766,000 (8.0)	10,861,000 (8.0)	8,462,000 (6.0)	8,048,000 (6.0)	9,942,000 (7.0)	10,404,000 (8.0)	8,282,000 (6.0)	8,984,000 (7.0)
28 (700)	23,309,000 (18.0)	20,137,000 (17.0)	18,193,000 (14.0)	16,050,000 (13.0)	16,318,000 (13.0)	18,809,000 (15.0)	17,400,000 (13.0)	14,244,000 (11.0)	18,487,000 (15.0)	18,144,000 (14.0)	3,210,000 (3.0)	12,096,000 (9.0)
29 (700)	17,627,000 (14.0)	15,235,000 (13.0)	15,859,000 (12.0)	15,794,000 (13.0)	16,121,000 (12.0)	18,585,000 (15.0)	17,381,000 (13.0)	14,505,000 (11.0)	18,626,000 (15.0)	18,420,000 (14.0)	15,062,000 (12.0)	7,711,000 (6.0)
39 (300)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
41 (250)	8,798,000 (19.0)	9,368,000 (22.0)	7,141,000 (15.0)	7,247,000 (16.0)	10,499,000 (23.0)	12,257,000 (24.0)	9,350,000 (20.0)	8,002,000 (17.0)	12,923,000 (24.0)	7,144,000 (15.0)	0 (0.0)	0 (0.0)

Table B-33. Water-distribution system production and operating data, Dover Township area, New Jersey, 1994—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
42 (1,200)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,002,000 (2.0)	34,388,000 (16.0)	29,913,000 (13.0)	13,227,000 (6.0)	37,191,000 (17.0)	34,432,000 (15.0)	36,670,000 (17.0)	39,563,000 (18.0)
Parkway wells—Continued												
Route 70 well												
31 (700)	30,786,000 (24.0)	28,902,000 (24.0)	31,432,000 (24.0)	28,887,000 (24.0)	30,131,000 (24.0)	29,244,000 (24.0)	30,870,000 (24.0)	30,689,000 (24.0)	29,592,000 (24.0)	30,351,000 (24.0)	28,449,000 (24.0)	27,795,000 (24.0)
Berkeley wells												
33 (1,000)	41,459,000 (24.0)	38,750,000 (24.0)	39,362,000 (24.0)	37,326,000 (24.0)	36,177,000 (22.0)	32,650,000 (21.0)	33,063,000 (20.0)	35,067,000 (21.0)	36,183,000 (23.0)	37,191,000 (23.0)	36,018,000 (23.0)	37,017,000 (23.0)
34 (1,000)	13,415,000 (8.0)	0 (0.0)	27,404,000 (17.0)	39,543,000 (24.0)	39,039,000 (24.0)	38,600,000 (24.0)	41,245,000 (24.0)	42,695,000 (24.0)	43,353,000 (24.0)	43,532,000 (24.0)	38,920,000 (24.0)	34,989,000 (21.0)
35 (700)	28,636,000 (24.0)	25,462,000 (24.0)	24,751,000 (22.0)	23,992,000 (22.0)	24,071,000 (21.0)	24,872,000 (22.0)	26,749,000 (23.0)	21,332,000 (19.0)	25,996,000 (23.0)	26,318,000 (23.0)	25,368,000 (23.0)	24,510,000 (21.0)
Windsor well												
40 (1,900)	0 (0.0)	0 (0.0)	0 (0.0)	1,170,000 (1.0)	0 (0.0)	33,685,000 (17.0)	41,289,000 (21.0)	0 (0.0)	18,480,000 (10.0)	0 (0.0)	0 (0.0)	0 (0.0)
TOTAL PRODUCTION												
	265,061,000	231,749,000	256,667,000	264,502,000	325,189,000	453,202,000	431,884,000	348,338,000	347,855,000	309,152,000	257,295,000	251,134,000

1. Data from Board of Public Utilities, State of New Jersey (1994) and Flegal (1997).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-34. Water-distribution system production and operating data, Dover Township area, New Jersey, 1995

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	0 (0.0)	8,787,000 (5.0)	8,787,000 (5.0)	46,459,000 (12.0)	73,315,000 (19.0)	87,086,000 (22.0)	89,924,000 (23.0)	80,550,000 (21.0)	37,631,000 (10.0)	0 (0.0)	0 (0.0)
37 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,630,000 (2.0)	3,218,000 (3.0)	13,607,000 (10.0)	507,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,922,000 (2.0)	6,471,000 (5.0)	18,893,000 (15.0)	12,373,000 (10.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
32 (700)	22,888,000 (24.0)	15,315,000 (17.0)	6,156,000 (6.0)	22,275,000 (24.0)	24,172,000 (24.0)	18,806,000 (20.0)	17,969,000 (18.0)	20,737,000 (21.0)	14,453,000 (15.0)	0 (0.0)	0 (0.0)	4,563,000 (5.0)
38 (700)	0 (0.0)	554,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	4,028,000 (4.0)	18,496,000 (19.0)	22,683,000 (24.0)	11,109,000 (12.0)	0 (0.0)	0 (0.0)	0 (0.0)
Indian Head well												
20 (500)	15,103,000 (18.0)	15,564,000 (21.0)	17,383,000 (21.0)	16,033,000 (20.0)	16,272,000 (20.0)	15,505,000 (19.0)	16,237,000 (20.0)	16,333,000 (20.0)	15,884,000 (20.0)	16,653,000 (20.0)	16,349,000 (20.0)	16,513,000 (20.0)
Parkway wells												
22 (650)	19,724,000 (17.0)	18,036,000 (18.0)	24,833,000 (21.0)	23,407,000 (23.0)	22,056,000 (18.0)	25,009,000 (21.0)	25,691,000 (21.0)	26,532,000 (22.0)	23,041,000 (20.0)	28,115,000 (23.0)	27,817,000 (21.0)	26,924,000 (20.0)
24 (610)	12,457,000 (17.0)	12,247,000 (18.0)	16,701,000 (21.0)	16,967,000 (23.0)	17,457,000 (15.0)	17,302,000 (16.0)	17,774,000 (16.0)	18,756,000 (17.0)	15,830,000 (14.0)	13,455,000 (12.0)	14,755,000 (21.0)	4,850,000 (20.0)
26 (740)	5,651,000 (17.0)	0 (0.0)	13,783,000 (21.0)	20,465,000 (23.0)	17,077,000 (12.0)	21,083,000 (16.0)	21,665,000 (16.0)	21,536,000 (16.0)	17,781,000 (13.0)	20,028,000 (15.0)	20,853,000 (21.0)	17,711,000 (20.0)
28 (700)	19,041,000 (17.0)	18,175,000 (18.0)	23,886,000 (21.0)	23,150,000 (23.0)	19,419,000 (15.0)	20,894,000 (17.0)	21,867,000 (17.0)	20,645,000 (16.0)	17,718,000 (14.0)	19,159,000 (15.0)	19,217,000 (21.0)	18,739,000 (20.0)
29 (700)	3,996,000 (17.0)	14,063,000 (18.0)	18,761,000 (21.0)	18,791,000 (23.0)	19,191,000 (15.0)	19,566,000 (16.0)	20,757,000 (16.0)	20,578,000 (16.0)	19,197,000 (15.0)	21,627,000 (17.0)	21,814,000 (21.0)	20,245,000 (20.0)
39 (300)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
41 (250)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

Table B-34. Water-distribution system production and operating data, Dover Township area, New Jersey, 1995—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Parkway wells—Continued												
42 (1,200)	35,171,000 (17.0)	28,325,000 (18.0)	18,403,000 (21.0)	19,653,000 (23.0)	29,091,000 (13.0)	27,118,000 (13.0)	30,750,000 (14.0)	37,473,000 (17.0)	27,425,000 (13.0)	11,483,000 (5.0)	7,778,000 (21.0)	26,040,000 (20.0)
Route 70 well												
31 (700)	26,999,000 (22.0)	26,405,000 (24.0)	30,056,000 (24.0)	29,717,000 (24.0)	30,290,000 (24.0)	29,554,000 (24.0)	30,408,000 (24.0)	30,398,000 (24.0)	29,496,000 (24.0)	30,352,000 (24.0)	28,832,000 (24.0)	30,119,000 (24.0)
Berkeley wells												
33 (1,000)	35,256,000 (21.0)	33,391,000 (22.0)	38,574,000 (23.0)	36,125,000 (23.0)	35,459,000 (21.0)	34,481,000 (22.0)	33,409,000 (20.0)	34,273,000 (21.0)	33,493,000 (21.0)	37,251,000 (23.0)	36,287,000 (23.0)	36,660,000 (22.0)
34 (1,000)	34,286,000 (21.0)	22,599,000 (15.0)	40,468,000 (24.0)	38,683,000 (24.0)	40,240,000 (24.0)	40,505,000 (24.0)	42,042,000 (24.0)	42,821,000 (24.0)	40,888,000 (24.0)	42,877,000 (24.0)	43,786,000 (24.0)	44,736,000 (24.0)
35 (700)	24,010,000 (21.0)	22,899,000 (22.0)	12,145,000 (11.0)	24,235,000 (22.0)	26,247,000 (23.0)	25,783,000 (23.0)	26,690,000 (23.0)	26,685,000 (23.0)	26,163,000 (23.0)	25,881,000 (23.0)	26,628,000 (24.0)	27,504,000 (24.0)
Windsor well												
40 (1,900)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3,329,000 (2.0)	12,601,000 (7.0)	11,149,000 (6.0)	52,046,000 (24.0)	14,250,000 (8.0)	10,399,000 (6.0)	5,795,000 (3.0)	0 (0.0)
TOTAL PRODUCTION												
	254,582,000	227,573,000	261,149,000	298,288,000	346,759,000	391,102,000	431,679,000	513,920,000	400,158,000	314,911,000	269,911,000	274,604,000

1. Data from Board of Public Utilities, State of New Jersey (1995) and Flegal (1997).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

T_{avg} = average time a well was operated, in hours per day;

Q_p = production of water, in gallons per month;

C = rated capacity of the well, in gallons per minute;

D = number of days per month; and

60 = number of minutes per hour.

Table B-35. Water-distribution system production and operating data, Dover Township area, New Jersey, 1996

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²											
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days
Holly wells												
21 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
30 (2,100)	0 (0.0)	0 (0.0)	15,356,000 (4.0)	74,131,000 (20.0)	86,019,000 (22.0)	82,080,000 (22.0)	83,507,000 (21.0)	86,236,000 (22.0)	54,945,000 (15.0)	8,743,000 (2.0)	39,440,000 (24.0)	82,503,000 (21.0)
37 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2,327,000 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Brookside well												
15 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5,193,000 (4.0)	5,472,000 (4.0)	765,000 (1.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
South Toms River wells												
32 (700)	8,372,000 (8.0)	8,046,000 (9.0)	11,766,000 (12.0)	18,938,000 (20.0)	17,786,000 (18.0)	10,411,000 (11.0)	25,958,000 (24.0)	25,442,000 (24.0)	26,945,000 (24.0)	26,370,000 (24.0)	12,676,000 (13.0)	0 (0.0)
38 (700)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	338,000 (1.0)	12,532,000 (13.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Indian Head well												
20 (500)	16,669,000 (20.0)	15,796,000 (20.0)	16,491,000 (20.0)	7,509,000 (9.0)	1,516,000 (2.0)	0 (0.0)	4,892,000 (6.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Parkway wells												
22 (650)	18,369,000 (15.0)	25,691,000 (23.0)	27,155,000 (22.0)	25,473,000 (22.0)	28,009,000 (23.0)	24,254,000 (21.0)	27,266,000 (23.0)	24,280,000 (20.0)	26,045,000 (22.0)	26,730,000 (24.0)	11,306,000 (12.0)	0 (0.0)
24 (610)	11,078,000 (10.0)	16,843,000 (16.0)	17,882,000 (16.0)	16,988,000 (15.0)	18,781,000 (17.0)	16,201,000 (15.0)	18,529,000 (16.0)	16,975,000 (15.0)	15,242,000 (14.0)	18,445,000 (24.0)	7,974,000 (12.0)	0 (0.0)
26 (740)	18,294,000 (13.0)	17,478,000 (14.0)	15,624,000 (11.0)	17,833,000 (13.0)	19,331,000 (14.0)	16,776,000 (13.0)	18,628,000 (14.0)	17,972,000 (13.0)	18,363,000 (14.0)	19,140,000 (24.0)	8,107,000 (12.0)	0 (0.0)
28 (700)	19,766,000 (15.0)	18,548,000 (15.0)	19,229,000 (15.0)	18,116,000 (14.0)	19,654,000 (15.0)	17,172,000 (14.0)	19,410,000 (15.0)	20,835,000 (16.0)	21,289,000 (17.0)	22,106,000 (24.0)	9,206,000 (12.0)	0 (0.0)
29 (700)	20,592,000 (16.0)	19,488,000 (9.0)	20,555,000 (16.0)	17,326,000 (14.0)	13,748,000 (11.0)	12,177,000 (10.0)	13,965,000 (11.0)	15,253,000 (12.0)	15,892,000 (13.0)	15,837,000 (24.0)	6,793,000 (12.0)	0 (0.0)
39 (300)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
41 (250)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

Table B-35. Water-distribution system production and operating data, Dover Township area, New Jersey, 1996—Continued

Well Number (rated capacity, in gallons per minute)	Well Production, in gallons per month ¹ (average hours per day operated) ²												
	January 31 days	February 28 days	March 31 days	April 30 days	May 31 days	June 30 days	July 31 days	August 31 days	September 30 days	October 31 days	November 30 days	December 31 days	
Parkway wells—Continued													
42 (1,200)	24,363,000 (11.0)	24,545,000 (9.0)	23,566,000 (11.0)	13,528,000 (6.0)	36,867,000 (17.0)	38,919,000 (18.0)	11,324,000 (5.0)	18,017,000 (8.0)	30,778,000 (14.0)	45,313,000 (24.0)	18,895,000 (12.0)	0 (0.0)	
Route 70 well													
31 (700)	29,786,000 (24.0)	27,455,000 (24.0)	30,087,000 (24.0)	8,479,000 (7.0)	9,431,000 (7.0)	28,991,000 (24.0)	29,782,000 (24.0)	29,707,000 (24.0)	28,402,000 (24.0)	29,722,000 (24.0)	29,101,000 (24.0)	30,074,000 (24.0)	
Berkeley wells													
33 (1,000)	36,275,000 (22.0)	31,327,000 (20.0)	33,443,000 (20.0)	30,215,000 (19.0)	31,074,000 (19.0)	32,323,000 (20.0)	32,489,000 (20.0)	34,969,000 (21.0)	31,522,000 (20.0)	34,322,000 (21.0)	32,228,000 (20.0)	36,888,000 (22.0)	
34 (1,000)	44,685,000 (24.0)	40,038,000 (24.0)	40,865,000 (24.0)	37,249,000 (23.0)	41,139,000 (24.0)	40,340,000 (24.0)	41,917,000 (24.0)	41,442,000 (24.0)	42,425,000 (24.0)	45,105,000 (24.0)	41,146,000 (24.0)	46,209,000 (24.0)	
35 (700)	21,473,000 (18.0)	0 (0.0)	0 (0.0)	0 (0.0)	429,000 (1.0)	29,409,000 (24.0)	29,089,000 (24.0)	29,757,000 (24.0)	29,265,000 (24.0)	31,017,000 (24.0)	20,377,000 (18.0)	0 (0.0)	
Windsor well													
40 (1,900)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	21,907,000 (12.0)	49,607,000 (24.0)	32,427,000 (17.0)	49,588,000 (24.0)	19,286,000 (11.0)	0 (0.0)	36,515,000 (20.0)	76,803,000 (24.0)	
TOTAL PRODUCTION													
	269,722,000	245,255,000	272,019,000	285,785,000	353,549,000	416,664,000	389,948,000	410,473,000	360,399,000	322,850,000	273,764,000	272,477,000	

1. Data from Board of Public Utilities, State of New Jersey (1996) and Flegal (1997).

2. To determine the average number of hours each day a well operated, the following formula was used $T_{avg} = \frac{Q_p}{(C \times D \times 60)}$ where:

- T_{avg} = average time a well was operated, in hours per day;
- Q_p = production of water, in gallons per month;
- C = rated capacity of the well, in gallons per minute;
- D = number of days per month; and
- 60 = number of minutes per hour.

