EPA Region 5 Records Ctr.
330555

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF LAND/NOISE POLLUTION CONTROL

GROUNDWATER WITHDRAWALS FROM AQUIFERS IN ILLINOIS WITH EMPHASIS ON PWS WELLS

by
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1981

Table 13. Public water supply wells open to multiple aquifers (con't)

County / Pumping facility	Population (pop/yr.) / Average daily pumpage (gpd/yr)	Location (Sec,T/R)	No. of wells	Aquifers											Minor aquifers			Well yield(s) (gpm)	Well depth(s) (ft.)	Remarks
				Q	K-T	Pen	MCh	MVa	S-D	G-P	G-StP	E-P	I-G	E-MtS	Maq	PduC	F			
Cook																				
Arlington Hts.	64,884 7,500,000/77	9,16,41N-11E;6,8,15,16,17,19,29,30,31,42N-11E	12							7	5	2	12	5		1	9	850-1800	1320-1810	
Bellwood	22,096 3,550,000/77	8,9,16,39N-12E	5						1	4	3	4	5	3		2	5	1200-1300	1460-1965	
Buffalo Grove (Lake County)	11,799 * 1,570,000/74	4,5,42N-11E	3							3	3	3	3				3	800-1000	1335-1355	See tables 7 (Cook Co.),& 13 (Lake County)
Chicago Hts.	40,900 * 7,200,000/77	8,19,35N-14E	2							2	2	2	2			2	2	1000-1250	1777-1800	See table 6
Citizen's Chicago Suburban Utility Co.(N.E.of Mt. Prospect)	25,000/78 1,700,000/78	24,26,42N-11E	4 (2)							4	4		4				4	1000-1200	1320-1468	
Citizen's Fernway Subd.(S.E. of Orland Park)	3,000/77 * 200,000/77	22,36N-12E	1							1	1	1	1			1	1	700	1712	See table 6
Citizen's Waycind Pk.Subd.(S. of Mt. Prospect)	7,500/78 * 700,000/78	14,24,41N-11E	2							2	2	2	2			1	2	600-1000	1359-1382	See table 6
Des Plaines	57,239 * 8,194,859/77	13,41N-11E 18,19,41N-12E	6							6	4	6	6	4	2	4	6	300-1100	1437-1845	Surface water included
Domestic Utility Co.(S.of Glenview)	30,000/78 2,100,000/78	12,41N-12E	3							3	3	3	3			2	3	1150-1900	1402-1423	
E. Chicago Hts.	5,000 * 1,000,000/78	23,35N-14E	1							1	1	1	1	1		1		950	1858	See table 6
Elk Grove Village	20,346 * 4,900,000/78	36,41N-10E 21,26,27,32,33,35,41N-11E	10							10	10	10	10			5		600-1000	1342-1415	See table 1, see table 13 (DuPage Co.)

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				Q	K-T	Pen	MCh	MVa	S-D	G-P	G-StP	E-P	I-G	E-MtS	Maq	PduC	F			
Cook																				
Ferndale Hts. Utility Co. (N. of Palatine)	8,500/77 921,000/77	1,11,12, 42N-10E	5						1	5	5	5	5	2			5	350-1000	1350-1603	
Flossmoor	8,328 * 1,100,000/77	1,2,12, 35N-13E	3							3	3	3	1			2		390-600	1722-1784	See table 6
Glenview	29,159 4,600,000/78	28,29,30, 42N-12E	5 (1)	2					1	5	5		4			1	4	400-1000	1233-1405	
Glenwood	7,416 * 1,269,000/78	3,10,35N-14E	2							2	2	2	2			2		1000	1776-1785	See table 6
Hanover Park (DuPage Co.)	11,916 * 2,000,000/77	36,41N-9E 31,41N-10E	3 (1)							3	3	3	3	1		3	3	1000-1300	1310-1952	See table 6 (Cook Co.), and table 13 (DuPage Co.)
Hickory Hills	13,176 1,240,000/78	2,37N-12E	1							1	1	1	1			1	1	420	1608	Approximately 50-60% of pumpage is surface water
Hoffman Estates	22,238 * 3,200,000/77	5,6,7,8,9, 15,41N-10E 19,29,42N-10E	8							7	6	6	8			6	8	680-1000	1357-1415	See tables 1 and 6
Homewood	18,871 * 2,500,000/77	36,36N-13E 31,36N-14E	2							2	2	2	2			2	2	1100-1350	1735-1736	See table 6
LaGrange	17,814 1,900,000/78	4,5,38N-12E	4						4						4			700-1000	352-475	
LaGrange Highlands Sanitary District	5,560/78 586,000/78	17,38N-12E	3						3						3			400-600	411-420	
Lemont	5,080 * 646,000/78	29,37N-11E	1							1	1	1	1				1	700	1723	See table 6
Lynnwood	1,042 200,000/76	7,35N-15E	1							1	1	1	1			1	1	1000	1827	
Lyons	11,124 * 1,600,000/77	1,38N-12E	1						1	1	1		1		1	1	1	1000	1750	Approximately 50% of pumpage is surface water
Mission Brook Sanitary Dist. (W. of Northbrook)	1,300/78 * 272,000/78	18,42N-12E	2							2	2		2				2	315-600	1399-1400	See table 6

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				Q	K-T	Pen	MCh	MVa	S-D	G-P	G-StP	E-P	I-G	E-MtS	Maq	PduC	F			
Cook																				
Mt. Prospect	45,228 * 4,000,000/78	10,11,23, 27,33,34, 35,41N-11E	10							7	9	9	10	9		5	9	500-1600	1310-1961	See table 6
Orland Park	6,391 * 1,833,000/77	13,36N-12E	1							1	1	1	1			1	1	900	1809	See tables 6 and 10
Palatine	26,050 * 4,098,000/77	9,14,15, 22,24,28, 42N-10E	7	1					2	3	3		5	2	1		4	250-1200	162-1960	See table 1.
Riverside	10,432 * 1,000,000/77	25,36,39N-12E	2							2	2	1	2	2		1		1200-1325	1980-2049	Approximately 5% of pumpage is surface water
Rolling Meadows	19,178 2,200,000/78	7,8,25,26, 34,36,42N-10E	7							6	6	1	7	2		1	1	500-1000	1528-1602	
Schaumburg	18,730 * 5,306,000/78	10,14,18 34,41N-10E	4						1	4	4		3			4	2	900-1400	1350-1615	See tables 1 and 6
S. Chicago Hts.		29,35N-14E	(1)						1	1	1	1	1	1		1	1	225	2756	See table 6
Streamwood	18,176 * 2,100,000/78	23,41N-9E	1							1	1		1			1	1	500	1410	See table 1
Thornton	3,714 474,000/79	34,36N-14E	2							2	2	2	2			2	2	400-600	1724-1783	
Western Springs	13,029 * 1,398,000/78	5,6,38N-12E	2							2	2		1	1			2	1000-1260	1256-1913	See table 6
Wheeling	13,243 * 1,800,000/78	3,11,23, 42N-11E	3							3	3		3				3	800-1300	1350-1370	See table 6
DeKalb																				
DeKalb	32,949 3,918,000/76	22,23,40N-4E	9							2	9	5	9		3		8	495-1331	1200-1330	
Genoa	3,210/75 428,500/77	19,42N-5E	3							3	3							500-1000	730-770	
Hinckley	1,053 115,400/77	15,38N-5E	2							2	2							300	605-708	

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				Q	K-T	Pen	MCh	MVa	S-D	G-P	G-StP	E-P	I-G	E-MtS	Maq	PduC	F			
DeKalb																				
Kingston	481 58,600/77	22,42N-4E	2							2	2							100-300	717-755	
Kirkland	1,138 109,400/76	26,42N-3E	1							1	1							320	636	
Malta	961 * 65,000/77	23,40N-3E	1							1	1		1					300	1254	See table 8
Sandwich	5,056 910,000/75	36,37N-5E	3									3	3				3	750-800	600-650	
Somonauk	1,112 * 100,000/77	32,37N-5E	1								1	1					1	250	502	See table 8
Sycamore	7,834 1,796,000/77	32,41N-5E	4							4	4	4	2					600-1000	902-1270	
DuPage																				
Addison	24,482 * 4,500,000/77	24,40N-10E 32,40N-11E	4	4					4									500-1150	75-185	See table 6
Aurora (Kane County)	74,182 9,202,000/77	29,38N-9E	1								1	1	1			1	1	1100	1420	See table 13 (Kane Co.)
Bartlett	3,501 * 938,000/78	3,11,40N-9E	2						1			1	1	1	1		1	300-1000	392-1985	See tables 1 & 6 (Cook Co.) & table 1 (DuPage Co.)
Bensenville	13,628 2,200,000/77	11,13,14, 40N-11E	4							4	4	4	4				4	500-1210	1442-1494	
Bloomingdale	2,974 * 807,000/77	9,14,20, 40N-10E	3							1	1	3	3				3	750-1000	1395-1420	See table 6
Carol Stream	9,160 1,310,244/76	23,40N-9E 28,31,32, 40N-10E	5 (1)						3			2	2		3		2	500-1000	335-1963	
Citizen's Arrowhead Subd. (S.W. of Wheaton)	1,650/79 173,100/79	30,39N-10E	2 (1)						2						2			500-700	328-335	

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				Q	K-T	Pen	MCh	MVa	S-D	G-P	G-StP	E-P	I-G	E-MtS	Maq	PduC	F			
DuPage																				
Citizen's Valley View Subd. (S.of Glen Ellyn)	8,600 * 965,130/78	27,39N-10E	1						1						1			350	420	See table 6
Claredon Hills	7,552 * 609,000/76	11,38N-11E	1							1	1	1	1			1	1	1200	1585	See table 6
Darien	7,789 * 1,000,000/77	28,38N-11E	1							1	1	1	1			1	1	800	1612	See table 6
Elk Grove Village (Cook Co.)	20,346 * 4,900,000/78	3,40N-11E	1							1	1	1	1			1	1	1000	1445	See tables 1 and 13 (Cook Co.)
Elmhurst	48,887 * 6,600,000/79	1,2,10,12, 13,39N-11E 26,35,40N-11E	7							6	6	7	7				7	825-1350	958-1567	See table 6
Glendale Hts.	11,406 * 1,522,324/76	22,26,27 34,35,40N-10E	6 (1)						6						6			100-450	330-360	See table 11
Glen Ellyn	21,909 2,849,575/79	11,15,22, 39N-10E	5						5						5			750-1200	348-425	
Glen Ellyn Hts. Subdivision		1,39N-10E	(1)						1						1			325	Unknown	See table 11
Hanover Park	11,916 * 2,000,000/77	13,40N-9E	1									1	1				1	1000	1445	See tables 6 and 13 (Cook County)
Lisle	5,329 * 555,000/77	11,38N-10E	1						1						1			1000	381	See table 6
Lombard	34,043 * 3,783,864/78	5,6,17,20, 39N-11E 31,40N-11E	5							2	5	5	5			2	5	700-1000	1431-2062	See table 6
Naperville	22,617 * 5,500,000/79	1,8,9,13, 14,22,38N-9E; 8,30, 33,38N-10E	11						8	2	3	3	3		8	3	3	475-1400	205-1572	See table 6
Nordic Park Subd. (S.W.of Itasca)	613/75 * 51,223/75	13,40N-10E	1						1						1			100	340	See table 6

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				Q	K-T	Pen	MCh	MVa	S-D	G-P	G-StP	E-P	I-G	E-MtS	Maq	PduC	F			
DuPage																				
Oak Brook	4,164 * 2,798,000/77	24,26,33, 39N-11E	4							2	2	4	4			4	4	980-1200	1458-1522	See table 6
Roselle	6,207 * 902,633/75	9,10,40N- 10E	2	1					1	1	1	1	1				1	800	195-1423	See table 1 and 6
Rosewood Trace Subd.(S.of Willowbrook)	2,975/78 * 280,000/78	2,37N-11E	1							1	1	1	1			1	1	1000	1610	See table 6
Villa Park	25,891 2,187,898/79	4,9,10,16, 39N-11E	6 (2)						2	4	4	4	4		2		4	400-1100	202-1605	
Warrenville	3,281 * 380,000/79	2,3,38N-9E 34,39N-9E	3						3						3			100-450	300-365	See table 6
Warrenville (Ill. Muni.Water Co.)	1,610/77 * 111,500/77	35,39N-9E	1						1						1			220	256	See table 6
W. Chicago	10,111 1,390,000/75	4,5,15, 39N-9E	4 (1)						1	3	4	3	3				3	450-1000	780-1378	
Westmont	8,920 * 300,000/79	10,38N-11E	1							1	1	1	1			1	1	1000	1604	See table 6
Wheaton	31,138 4,500,000/77	9,16,21, 39N-10E	6 (1)	1					6						5			800-2500	183-368	
Willowbrook	1,457 * 250,000/76	23,38N-11E	1							1	1	1	1			1	1	1000	1620	See table 6
Winfield	4,285 * 548,668/77	13,39N-9E	2						2						2			890-900	318-346	See table 6
Wood Dale	8,831 * 854,795/78	10,16,40N- 11E	2							2	2	2	2				2	750-1000	1356-1400	See table 6
Fulton																				
Bryant	326 14,800/77	30,6N-4E	1						1	1								50	1082	
Cuba	1,581 100,000/76	Unknown	1						1	1								200	1380	