



Piezometer	TWN	RNG	SEC	1/4 SEC	X_WTM	Y_WTM	Depth to Screen			Page	comments	
							(ft)	K (ft/day)	log K			Reference
ALBT1	22N	9E	17	NW NE SW	565348.4124	434767.2553	34.78	22.39	1.35	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
ALBT2	22N	9E	17	NW NE SW	565348.4124	434767.2553	54.79	68.03	1.83	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
ALBT3	22N	9E	17	NW NE SW	565348.4124	434767.2553	84.65	36.85	1.57	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
ALBT4	22N	9E	17	NW NE SW	565348.4124	434767.2553	132.22	28.35	1.45	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
CHIC1	22N	8E	21	SW NW SW	554356.3663	432995.8891	8.86	16.44	1.22	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
CHIC2	22N	8E	21	SW NW SW	554356.3663	432995.8891	30.84	56.69	1.75	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
CHIC3	22N	8E	21	SW NW SW	554356.3663	432995.8891	114.50	18.14	1.26	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
K86	22N	6E	21	SE SE NE	536940.4653	433361.3953	14.76	59.53	1.77	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
K87	22N	6E	21	SE SE NE	536940.4653	433361.3953	28.54	2.78	0.44	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
K88	22N	6E	22	NW NW SW	537040.6791	433054.9951	22.64	53.86	1.73	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
K89	22N	6E	22	NW NW SW	537040.6791	433054.9951	44.62	24.94	1.40	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
K103	22N	6E	27	NW NW NE	537875.4722	432481.6093	44.29	1.56	0.19	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
K104	22N	6E	27	NW NW NE	537875.4722	432481.6093	28.54	34.02	1.53	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NURS1	22N	6E	32	NE SE NW	533828.2893	430702.0386	33.46	8.50	0.93	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NURS2	22N	6E	32	NE SE NW	533828.2893	430702.0386	46.26	215.43	2.33	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NURS3	22N	6E	32	NE SE NW	533828.2893	430702.0386	55.12	113.39	2.05	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NURS4	22N	6E	32	NE SE NW	533828.2893	430702.0386	63.98	0.74	-0.13	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW1A	22N	9E	17	NW NE SW	564653.8153	435007.7457	32.15	59.53	1.77	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW1B	22N	9E	17	NW NE SW	564653.8153	435007.7457	48.56	232.44	2.37	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW4B	22N	7E	25	NE NE SE	551265.1565	431815.0569	14.11	76.54	1.88	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW4D	22N	7E	25	NE NE SE	551265.1565	431815.0569	53.81	232.44	2.37	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW8A	22N	9E	15	NE NW SW	567658.3059	434761.077	49.21	138.90	2.14	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW8B	22N	9E	15	NE NW SW	567658.3059	434761.077	113.85	113.39	2.05	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW14	23N	9E	18	NE NE NE	563945.6806	445410.1491	43.64	4.82	0.68	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW19B	21N	8E	15	NW NW NW	555968.6245	425576.6707	25.92	147.40	2.17	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW24	23N	9E	17	NE NE NE	565571.981	445308.3166	67.26	31.18	1.49	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW26A	21N	7E	1	SE SE SE	551280.9682	427323.0194	6.23	65.20	1.81	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW26C	21N	7E	1	SE SE SE	551280.9682	427323.0194	33.46	59.53	1.77	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW27B	21N	9E	8	SE SW SE	565274.4413	425579.7579	71.19	62.36	1.79	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW29B	22N	7E	26	SE SE NE	549679.6281	431790.8591	21.65	223.94	2.35	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW29C	22N	7E	26	SE SE NE	549679.6281	431790.8591	35.76	269.29	2.43	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW32B	22N	7E	36	SW SW SW	549749.5293	429438.3449	20.34	121.89	2.09	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW32C	22N	7E	36	SW SW SW	549749.5293	429438.3449	35.10	223.94	2.35	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW33B	22N	7E	35	SW SW NW	548140.1601	430416.1558	13.45	121.89	2.09	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW33C	22N	7E	35	SW SW NW	548140.1601	430416.1558	25.59	215.43	2.33	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW33D	22N	7E	35	SW SW NW	548140.1601	430416.1558	37.73	257.95	2.41	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW33E	22N	7E	35	SW SW NW	548140.1601	430416.1558	46.59	121.89	2.09	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW33F	22N	7E	35	SW SW NW	548140.1601	430416.1558	72.18	130.39	2.12	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW38B	22N	7E	24	NE SE NE	548058.5852	430442.2367	16.73	189.92	2.28	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW38C	22N	7E	24	NE SE NE	548058.5852	430442.2367	28.54	215.43	2.33	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW38D	22N	7E	24	NE SE NE	548058.5852	430442.2367	40.03	155.91	2.19	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW48C	22N	7E	27	SE SW NW	546862.93	431800.85	28.87	181.42	2.26	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW48D	22N	7E	27	SE SW NW	546862.93	431800.85	41.34	181.42	2.26	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
NW48E	22N	7E	27	SE SW NW	546862.93	431800.85	49.21	113.39	2.05	Bradbury et al 1992	pg 31	locations were approximated based on a paper map appendix (Plate 2) in John Faustini's MS Thesis
WS-994, WS-C 20N	10E	24	SE NE		579775	413472		18.00	1.26	Conlon 1996	pg 6	Slug Tests, Wells 994 and 996 (flowing) - location est from report (p. 2), aquifer thickness est.
								140.00	2.15	Bohling (1988)		Slug Test, Thesis/dissertation (location unknown)

WGNHS_Well_ID	Well_ID	TWN	RNG	SEC	Quarter	Combined Location	X	Y	Observation Wells	Pumping Rate (GPM)	Test Date	Test Duration (hours)	Aquifer Name	Aquifer thickness (ft)	T (ft <sup>2</sup> /d)	K (ft/d)	S	Anisotropy	Specific Capacity (gpm/ft)	Log K	comments	Reference	page
PT-410	PT-23/9/19-410	23N	9E	18	NW of W1/2	NW of W of S18 T23N R9E	559238.281	444349.5768		1120	Fall 1961		74 Outwash Aquifer	80	19000	230	0.15	20:1	53	2.36	this appears to be PT362 according to the geodatabase - MK	Weeks 1964, Weeks & Stangland 1971	44 (1964), 24(1971)
PT-028	PT-21/9/15-28	21N	9E	15	SW	SW of S15 T21N R9E	567950.88	424578.31	PT-209				12 Outwash Aquifer	140	36000	260	0.15		21	2.41		Holt 1965, Weeks and Stangland (1971)	36 (Holt), 24 (W&S)
PT-60	PT-21/9/9-60	21N	9E	9	NE	NE of S9 T21N R9E	566412.143	426654.6848	PT-89				12 Outwash Aquifer	150	44000	290	0.14		30	2.46		Holt 1965, Weeks and Stangland (1971)	36 (Holt), 24 (W&S)
PT-57, PT-111	PT-24/8/34-57, PT-24/8/34-111	24N	8E	34		S34 T24N R8E	556753.442	450074.284	Array of 26 wells				24 Outwash Aquifer	60	13450	225	0.2		2.35			Holt 1965	36
PT-513	PT-21/8/22-513	21N	8E	22	SW	SW of S22 T21N R8E	553715.823	422720.0103	6 wells				48 Outwash Aquifer	80	11000	130	0.16	2:1	2.11	2.11	known to be a silty area of the outwash aquifer	Weeks (1969), Weeks and Stangland (1971)	211 (Weeks), 24 (W&S)
PT-550,551	PT-23/7/36-544	23N	7E	36	SE	SE of S36 T23N R7E	550884.191	440231.5996	6 wells				48 Outwash Aquifer	70	23000	320	7:1		2.51	2.51	Irrigation well near Hancock, no Well ID listed	Weeks (1969), Weeks and Stangland (1971)	212 (Weeks), 24 (W&S)
WS-479		19N	8E	5	NE	NE of S5 T19N R8E	554875.341	408903.4439	6 Wells	820			80 Outwash Aquifer	120	22000	180	0.18	4:1	2.26	2.26	Reference listed as 'none' in Weeks & Stangland	Weeks (1969), Weeks and Stangland (1971)	212 (Weeks), 24 (W&S)
PT-571		22N	8E	2	NE	NE of S2 T22N R8E	558718.989	438792.4345	5 wells				37 Outwash Aquifer	120	60000	500	0.2	1:1	2.70	2.70	Reference listed as 'none' in Weeks & Stangland	Weeks & Stangland (1971)	24
WS-559		20N	8E	14	SW	SW S14 T20N R8E	558863.521	414417.7958	5 wells				48 Outwash Aquifer	140	24000	170			2.23	2.23	Referenced in Karnauskas (1977) from 'Consultant reports to City of Wis. Rapids'.	Weeks & Stangland (1971)	24
		22N	6E	35		S35 T22N R6E	539454	430169					Outwash Aquifer	49	9090.301	185.5	0.25		41	2.27	Location uncertain	Karnauskas (1977)	40
		22N	6E	26		S26 T22N R6E	539493	431816					Outwash Aquifer	36	8756.099	243.2	0.33		43	2.39	Referenced in Karnauskas (1977) from 'Consultant reports to City of Wis. Rapids'.	Karnauskas (1977)	40
		22N	6E	34		S34 T22N R6E	537906	430122					Outwash Aquifer	47	9758.706	207.6	0.52		43	2.32	Referenced in Karnauskas (1977) from 'Consultant reports to City of Wis. Rapids'.	Karnauskas (1977)	40
		22N	6E	36		S36 T22N R6E	541142	430135					Outwash Aquifer	61	11229.2	184.1	0.11		44	2.27	Referenced in Karnauskas (1977) from 'Consultant reports to City of Wis. Rapids'.	Karnauskas (1977)	40
		22N	6E	22	N 1/2	N 1/2 S22 T21 R8E	556786	423615		800	June 3-4, 1961		24 Outwash Aquifer	75	21375	285	0.3	5:1	2.45	2.45	Location approximated	Rothschild et al. (1982), Manser (1983)	27 (Manser)
		19N	8E	15	SE of NW	SE of NW S15 T19N R8E	557191	406219		10.5		4.6	Outwash Aquifer						2.30	2.30	K is an estimate based on pumping test data, no reliable location info, location approximated	Kimball (1982)	110
															22332.81	240.69	0.22	6.5:1	39.29	2.36			

Statistics:

T (ft <sup>2</sup> /d)		K (ft/d)	
Mean	22332.81	Mean	240.69
Standard Error	4018.408	Standard	22.741
Median	20187.5	Median	225
Mode	#N/A	Mode	#N/A
Standard Deviat	15035.5	Standard	88.074
Sample Variance	2.26E+08	Sample V	7757
Kurtosis	1.896786	Kurtosis	4.9658
Skewness	1.473184	Skewness	1.9009
Range	51243.9	Range	370
Minimum	8756.099	Minimum	130
Maximum	60000	Maximum	500
Sum	312659.3	Sum	3610.4
Count	14	Count	15
Geomean	18625.99		228.65