

# **GROUND-WATER DATA FOR THE PORTLAND BASIN, OREGON AND WASHINGTON**

**By Kathleen A. McCarthy and Donald B. Anderson**

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**Portland, Oregon  
1990**



DEPARTMENT OF THE INTERIOR  
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## CONVERSION FACTORS AND ABBREVIATIONS

For the convenience of readers who may prefer to use metric (International System) units rather than inch-pound units, values may be converted by using the following factors:

Multiply inch-pound unit	By	To obtain metric unit
LENGTH		
inch (in)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
AREA		
acre	4,047	square meter (m <sup>2</sup> )
acre	0.4047	hectare (ha)
square foot (ft <sup>2</sup> )	929.4	square centimeter (cm <sup>2</sup> )
square foot (ft <sup>2</sup> )	0.09294	square meter (m <sup>2</sup> )
square mile (mi <sup>2</sup> )	259.0	hectare (ha)
square mile (mi <sup>2</sup> )	2.590	square kilometer (km <sup>2</sup> )
VOLUME		
cubic foot (ft <sup>3</sup> )	0.02832	cubic meter (m <sup>3</sup> )
gallon (gal)	3.785	liter (L)
gallon (gal)	0.003785	cubic meter (m <sup>3</sup> )
FLOW		
cubic foot per second (ft <sup>3</sup> /s)	0.02832	cubic meter per second (m <sup>3</sup> /s)
gallon per minute (gal/min)	0.06308	liter per second (L/s)

**SEA LEVEL:** In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.



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ABSTRACT

This report presents well and spring data that were collected and compiled during 1986-89 as part of a study of the ground-water resources of the Portland Basin, Oregon and Washington. Included in this report are maps showing the distribution of more than 15,000 wells and springs within the Portland Basin, tabulated data for 1,586 wells and 42 springs that were field located during the study, and hydrographs for selected wells throughout the study area.

INTRODUCTION

This report presents data that were collected and compiled during 1986 through 1989 as part of a study of the ground-water resources of the Portland Basin. The Portland Basin study area covers approximately 1,280 square miles, including Clark County in southwestern Washington and portions of Multnomah, Clackamas, and Columbia Counties in northwestern Oregon. The location of the basin within the region and the boundaries of the study area are shown in figure 1.

Currently, the U.S. Geological Survey is conducting studies of the geology, streamflow, water use, and ground-water recharge of the Portland Basin. In addition, a ground-water flow model is being developed for the basin.

Several hydrogeologic studies have been conducted within the Portland Basin in the past. Two studies that are regional in nature are a study of the geology and ground water of Clark County by Mundorff (1964) and an investigation of ground water in the east Portland area by Hogenson and Foxworthy (1965) that was preceded by a data report by Foxworthy, Hogenson, and Hampton (1964).

This report was prepared in cooperation with the City of Portland, Oregon, Bureau of Water Works; the Clark County, Washington, Intergovernmental Resource Center; and the Oregon Water Resources Department.

Acknowledgments

The cooperation of the many landowners in the Portland Basin who gave permission for data acquisition from their property is gratefully acknowledged. The cooperation of the various officials of State and local governments who supplied information is appreciated.







## EXPLANATION OF DATA

### Well- and Spring-location System

The system used in this report for locating wells and springs is based on the rectangular system for subdivision of public land; figure 2 illustrates this method. The numbers and characters represent successively the township, range, section, and location within the section by quarter section (160 acres), quarter-quarter section (40 acres), quarter-quarter-quarter section (10 acres), and quarter-quarter-quarter-quarter section (2.5 acres). Where necessary, serial numbers are added after the final letter to assure uniqueness of location numbers. An alternative location system, used previously in the State of Oregon and currently in use in the State of Washington, is also illustrated in figure 2. This system uses a single capital letter to represent the quarter-quarter section (40 acres) in which a well or spring is located.

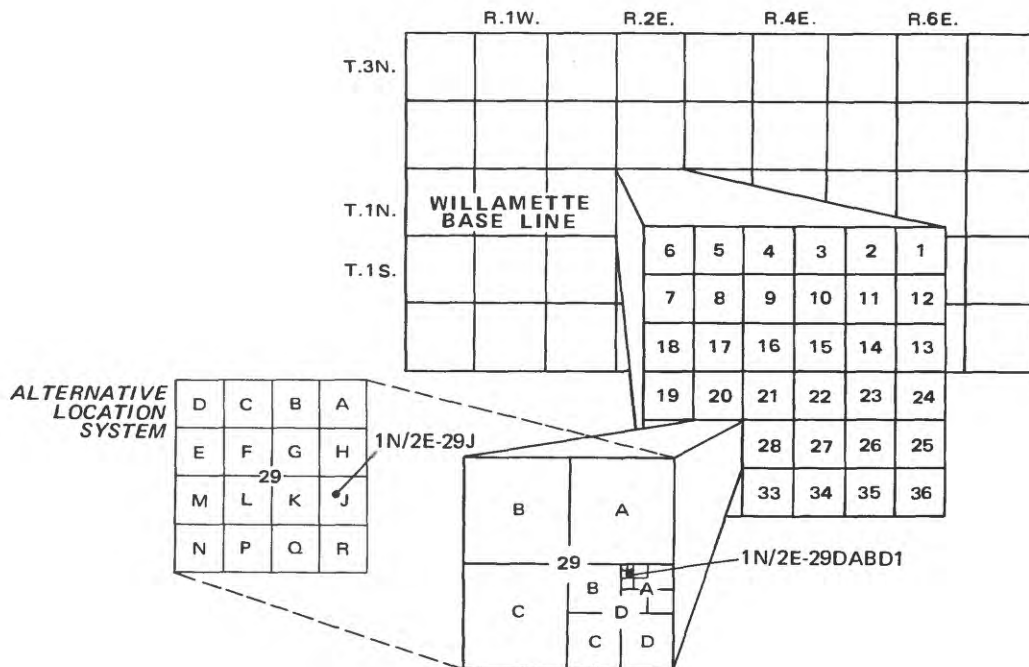


Figure 2.--Well- and spring-location system.

### Well and Spring Data

The hydrography of the Portland Basin and the locations of field-located wells and springs are shown on plate 1. The distribution of all documented wells within the basin is shown in figure 3. It should be emphasized that the majority of wells shown in this figure have not been field located and therefore only approximate locations are shown.



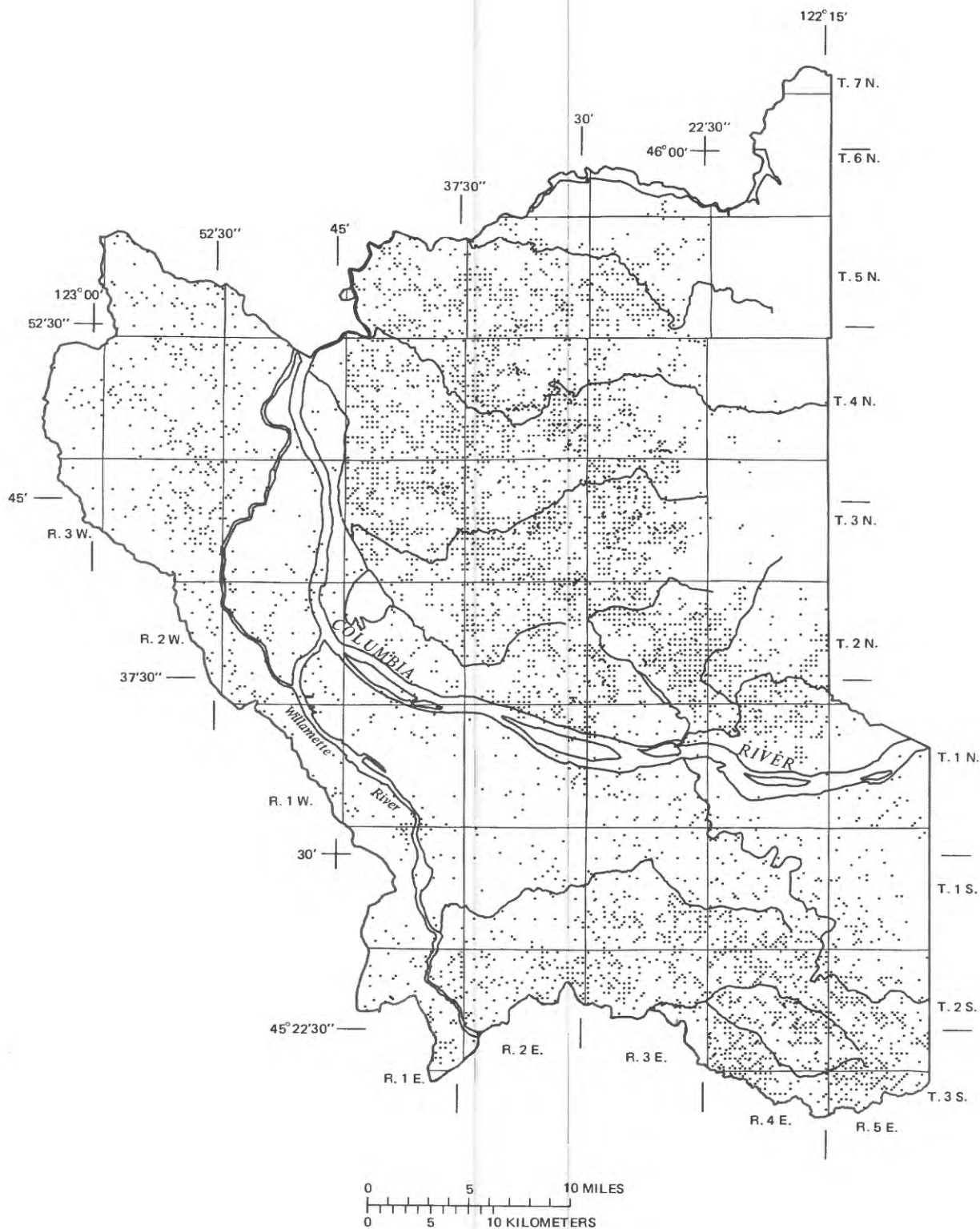


Figure 3.--Distribution of wells in the Portland Basin.



A compilation of data from 1,586 field-located wells within the Portland Basin is shown in table 1. The number of wells constructed by year within the basin from 1956 through 1987 is shown in figure 4. Prior to 1956 and after 1987, records of well construction throughout the basin are incomplete. It should be noted that records for Clark County, Washington, are incomplete prior to 1973.

A compilation of data from 42 field-located springs within the Portland Basin is shown in table 2.

#### Selected Hydrographs

Hydrographs for selected wells within the basin are shown in figures 5 and 6. As a part of this study, a representative subset of the field-located wells was selected for bimonthly water-level measurements during the period 1987-89. Hydrographs for this group of wells are shown in figure 5. Hydrographs for field-located wells that have more extensive historical records available are shown in figure 6.

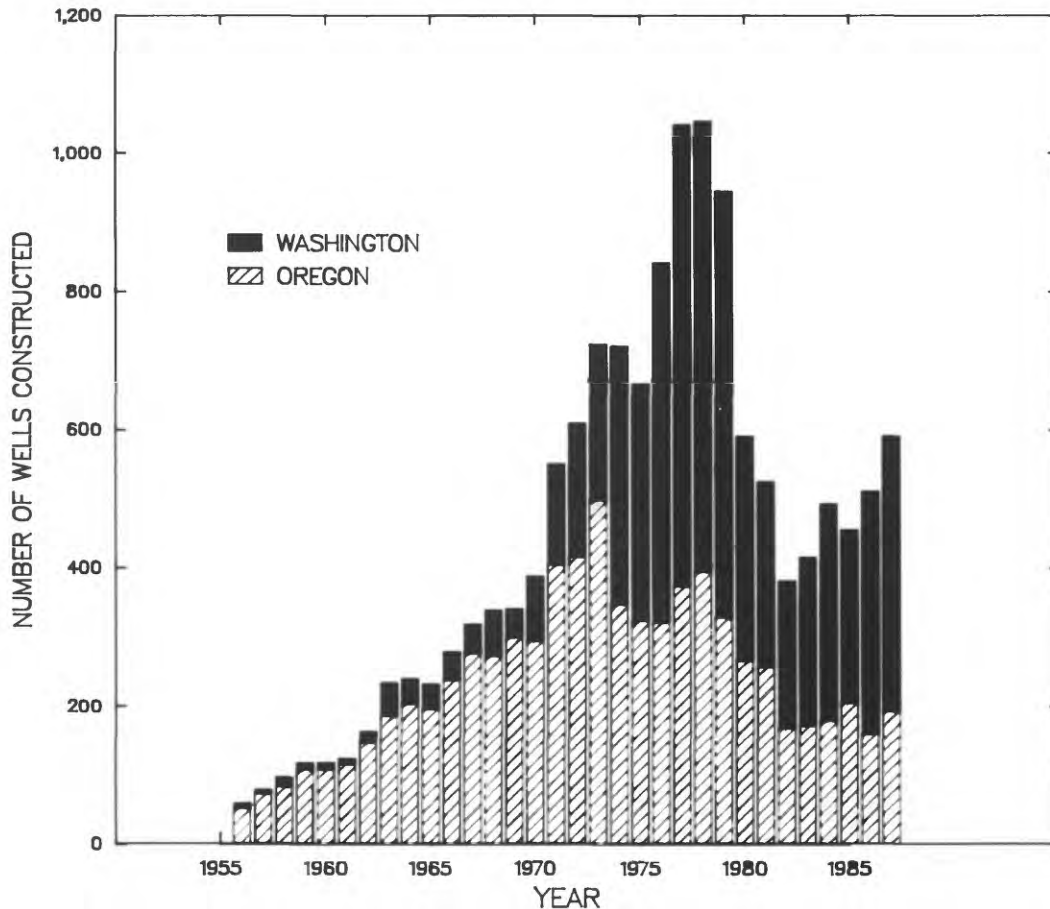


Figure 4.--Well construction within the Portland Basin.



Table 1.--Records of selected wells in the Portland Basin

Well location number: See "Well- and Spring-location System" section in text for explanation; letters in parentheses correspond to the alternative well-location system.  
 Well identification number: Identification number permanently assigned to well and unique within the Portland Basin study area.  
 Latitude: Latitude of well in degrees, minutes, seconds.  
 Longitude: Longitude of well in degrees, minutes, seconds.  
 Altitude: Altitude of land surface at well, in feet above mean sea level, estimated from topographic maps.  
 Depth of open interval: Depth, in feet below land surface, of open, perforated or screened intervals.  
 Well diameter: Nominal inside diameter of well casing at land surface.  
 Test method: A, air lift; B, bailed; F, flowing; N, none; P, pumped.  
 Yield: Well yield in gallons per minute (gal/min).  
 Water level: (D) indicates water level reported by driller; other water levels measured by U.S. Geological Survey personnel; " - " indicates feet of head above land surface.  
 Specific conductance: In microsiemens per centimeter at 25 degrees Celsius.  
 Remarks: B, water level measured bimonthly by U.S. Geological Survey personnel; C, water used for industry; D, well deepening, reconditioning or abandonment; G, geophysical log of borehole available at the U.S. Geological Survey, Water Resources Division office, Portland, Oregon; H, well hydrograph shown in figure 5 or 6; I, water used for irrigation; O, observation well; P, water used for public supply; T, tube in piezometer nest.

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water Level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw down (feet)	Test period (hours)	Feet below datum	Date		
CLACKAMAS COUNTY, OREGON																		
1S/1E-25CBD(M)	7074 C. WARREN		1969	452706	1223806	50	227.0	150.0	201.0	8.0	P	250.0	140.0	8.0	40.0(D)	12/ 3/69	--	C
1S/1E-25DAC(J)	500312 CITY OF MILWAUKIE		1936	452704	1223715	170	273.0	211.0	221.0	12.0	P	465.0	64.0	--	90.0	4/ 5/89	--	
								225.0	227.0									
								162.0	177.0									
								183.0	198.0									
1S/1E-25DAD1(J)	500310 CITY OF MILWAUKIE		1936	452706	1223713	182	250.0	--	--	6.0	P	220.0	32.0	--	130.4	5/ 6/87	--	
								202.0	214.0									
								265.0	269.0									
								184.0	214.0									
1S/1E-25DAD2(J)	500311 CITY OF MILWAUKIE		1963	452707	1223713	168	383.0	170.0	180.0	--	P	750.0	89.0	8.0	91.5	4/ 5/89	--	
								255.0	274.0									
								315.0	322.0									
								355.0	370.0									
1S/1E-25DDBA(R)	500313 CITY OF MILWAUKIE		1945	452703	1223718	172	290.0	147.0	222.0	12.0	P	580.0	20.0	1.0	108.0	4/ 5/89	--	
1S/1E-26CAB(L)	7073 WAVERLEY COUNTRY CLUB		1975	452711	1223917	35	90.0	24.0	90.0	8.0	B	5.0	40.0	0.5	15.0(D)	1/13/75	--	
1S/1E-26CAD(L)	7062 ROBERT DWYER		1968	452707	1223900	59	396.0	302.0	396.0	6.0	B	50.0	22.0	2.0	95.0(D)	5/28/68	--	I
1S/1E-36ABB(B)	500314 CITY OF MILWAUKIE		1960	452645	1223740	100	304.0	185.0	198.0	16.0	P	620.0	249.0	8.0	146.4	4/ 5/89	--	
								276.0	281.5									
								283.0	289.0									
								206.0	313.0									
1S/1E-36ACCD(G)	500316 CITY OF MILWAUKIE		1982	452637	1223722	105	327.0	206.0	313.0	14.0	P	900.0	112.0	24.0	25.8	4/ 5/89	--	
1S/2E-25ABD(B)	500257 HAPPY VALLEY HOMES INC.		1967	452733	1223007	545	357.0	276.0	298.0	--	P	109.0	100.0	6.0	189.1	4/ 5/89	201	
1S/2E-25BBA(D)	900366 NW NATURAL GAS		1987	452739	1223046	730	400.0	--	--	--	N	--	--	--	--	--/----	--	
								178.0	395.0									
								50.0	60.0									
								132.0	139.0									
1S/2E-25DBA(K)	500258 HARRY MOFFITT		1985	452709	1223004	745	395.0	178.0	395.0	6.0	P	2.0	18.0	1.0	347.0(D)	12/21/85	--	
1S/2E-260CA1(Q)	900371 STANLEY LINDSTROM		1967	452656	1223117	470	160.0	50.0	60.0	6.0	B	50.0	55.0	6.0	18.0(D)	5/ 2/67	--	
1S/2E-27AAB(A)	500259 WILLAMETTE NATIONAL CEMETERY		1950	452735	1223228	735	967.0	540.0	550.0	10.0	P	100.0	73.0	3.0	475.0	4/ 4/89	118	I
								560.0	573.0									
								175.0	180.0									
								492.0	509.0									
1S/2E-27CCC1(N)	900367 R.J. BECK		1979	452653	1223323	625	532.0	511.0	529.0	--	B	20.0	75.0	1.0	492.0(D)	4/21/79	--	I
1S/2E-28BBD(D)	500260 PEARSON MOBILE HOME PARK		1959	452731	1223426	208	254.0	178.0	195.0	8.0	P	82.0	47.0	1.0	76.3	4/ 5/89	177	
								156.0	167.0									
								130.0	143.0									
								117.5	117.5									
1S/2E-29BCA1(E)	500261 B. CROSSWHITE		1962	452724	1223539	150	167.0	156.0	167.0	10.0	P	265.0	100.0	--	40.0(D)	3/17/62	--	C
1S/2E-29BCA2(E)	500262 B. CROSSWHITE		1937	452724	1223543	151	147.0	130.0	143.0	10.0	P	275.0	57.0	--	32.8	3/29/88	--	B H O
1S/2E-29CCD(P)	500265 DICK'S CONCRETE SERVICE INC.		--	452652	1223520	215	118.0	117.5	117.5	6.0	B	40.0	0.0	2.0	60.0(D)	5/ 9/58	--	C
1S/2E-29DCC(Q)	500263 PORTLAND ROAD AND DRIVEWAY		1957	452650	1223510	190	235.0	80.0	90.0	8.0	P	80.0	90.0	--	79.4	4/ 6/89	--	C
1S/2E-30AAA1(A)	500266 BOB RICHARDSON		1967	452738	1223558	245	215.0	167.0	176.0	--	B	45.0	0.0	2.0	123.0(D)	6/ 7/67	--	C
1S/2E-31CDA1(P)	500267 OMAR INDUSTRIES		1964	452609	1223638	85	300.0	80.0	90.0	--	P	700.0	68.0	1.0	85.0	4/ 7/89	--	C
								160.0	172.0									
								212.0	220.0									
								240.0	250.0									
1S/2E-31CDA2(P)	500268 OMAR INDUSTRIES		1979	452608	1223636	85	285.0	217.0	272.0	16.0	P	850.0	123.0	5.5	53.0	4/ 6/88	--	C
								224.0	271.0									
								270.0	290.0									
								290.0	320.0									
1S/2E-31DAC(J)	500315 CITY OF MILWAUKIE		1978	452617	1223605	155	336.0	270.0	290.0	--	P	800.0	187.0	6.0	73.1	4/ 5/89	--	C D
1S/2E-32CAA1(L)	500269 NINO CARTASEGNA		1953	452622	1223524	185	271.0	90.0	157.0	--	P	150.0	80.0	--	78.1	3/28/88	--	B I O
								200.0	270.0									
								240.0	353.0									
								410.0	431.0									
1S/2E-33DAC1(J)	500270 MT. SCOTT GOLF COURSE		1928	452611	1223343	290	353.0	240.0	353.0	10.0	P	320.0	--	--	182.9	4/ 3/89	--	I
1S/2E-33DCB1(Q)	900372 NORTH CLACKAMAS SCHOOL DISTRICT		1968	452607	1223403	205	431.0	410.0	431.0	--	P	252.0	34.0	23.0	136.0(D)	10/10/68	--	
1S/2E-34CBB1(M)	500271 MT. CALVARY CEMETERY ASSOCIATION		1958	452620	1223321	395	760.0	261.0	266.0	14.0	P	250.0	15.0	8.0	250.0(D)	3/19/58	--	I
								290.0	296.0									
								350.0	355.0									
								375.0	380.0									
1S/2E-34CDB1(P)	500272 S. JAYNES		1981	452608	1223300	375	65.0	40.0	60.0	6.0	B	20.0	0.0	1.0	15.0	3/28/88	--	B H O
1S/2E-35DAA1(J)	900437 DAN THOMAS		1949	452618	1223105	770	165.0	165.0	165.0	6.0	N	--	--	--	103.6	4/ 5/89	--	
1S/3E-25ADD(H)	7521 BOB & SHIRLEY RUCKER		1985	452715	1222218	586	163.0	143.0	163.0	6.0	P	10.0	15.0	1.0	140.0(D)	5/14/85	--	O
1S/3E-25DDB1(R)	7518 ROBERT THOMPSON		1973	452657	1222230	570	250.0	170.0	250.0	--	B	40.0	40.0	1.0	125.0(D)	4/--/44	--	I
1S/3E-26ABA(B)	7587 ORAL LONG		1979	452738	1222357	411	84.0	64.0	84.0	6.0	B	20.0	30.0	1.0	27.2	4/ 6/88	--	O
1S/3E-26ABC(B)	7565 JOHN CHAMBERS		1976	452729	1222359	611	282.0	272.0	282.0	6.0	P	17.0	76.0	1.0	202.6	4/ 6/88	--	O
1S/3E-26CAD(L)	7569 CLYDE RUST		1969	452706	1222413	530	190.0	--	--	--	B	20.0	50.0	2.0	106.0(D)	9/15/69	--	O
1S/3E-26CDB(P)	7582 DAVE MCCARTHY		1975	452700	1222420	490	95.0	86.0	95.0	--	B	20.0	30.0	1.0	45.0(D)	3/22/75	--	O
1S/3E-27CAA(L)	500133 KINGSWOOD HEIGHTS HOMEOWNER ASSOCIATION		1969	452714	1222528	650	432.0	390.0	430.0	8.0	P	300.0	46.0	4.0	251.3	4/14/89	--	
1S/3E-27DDC(R)	500132 R.E. FURNEY		1980	452653	1222456	460	370.0	200.0	210.0	8.0	B	80.0	0.0	2.0	48.8	3/29/89	178	I
								220.0	230.0									
								240.0	260.0									
								280.0	370.0									
1S/3E-28ACDA(G)	500134 GARY KNOX		1985	452721	1222620	825	425.0	345.0	385.0	6.0	A	5.0	--	1.0	328.8	3/29/88	--	B O
1S/3E-28ACDC(G)	500135 ROD HUNT		1987	452715	1222626	770	380.0	--	--	10.0	B	14.0	330.0	1.0	301.8	3/28/89	--	
1S/3E-29ADB1(H)	9407 MUELLER-PORTER		1980	452725	1222729	890	740.0	380.0	740.0	6.0	B	20.0	0.0	1.0	315.1	3/28/89	--	
1S/3E-29BDD(F)	900369 WOODED HILLS STABLES		1965	452716	1222757	548	370.0	30.0	370.0	6.0	B	18.0	5.0	2.0	285.0(D)	6/ 3/65	180	
								30.0	318.0									
1S/3E-29DAD1(J)	9427 WOODED HILLS WATER COOP		1976	452703	1222713	620	210.0	140.0	207.0	8.0	P	110.0	28.0	18.0	109.5	3/28/89	--	
1S/3E-30BAB(C)	500136 DONALD SCHNEIDER		1975	452738	1222921	392	231.0	54.0	231.0	10.0	P	150.0	100.0	10.0	111.1	3/27/89	279	I



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance				Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date			
CLACKAMAS COUNTY, OREGON--Continued																			
1S/3E-31CCA(N)	900374	GEORGE BEALL	--	452609	1222926	365	442.0	195.0	348.0	6.0	P	310.0	68.0	1.0	108.6	3/29/89	146	I	
1S/3E-32ACB(G)	900378	CAROLYN WEBSTER	1965	452632	1222742	776	616.0	110.0	118.0	6.0	P	50.0	135.0	20.0	435.0(D)	3/12/65	--	D	
								281.0	282.0										
								294.0	298.0										
								596.0	616.0										
1S/3E-32DAC(J)	500140	DAMASCUS WATER DISTRICT	1973	452615	1222723	415	335.0	140.0	150.0	--	P	280.0	75.0	24.0	99.0	3/29/89	--		
								245.0	258.0										
								285.0	310.0										
								321.0	325.0										
1S/3E-33AAD1(A)	900521	O.H. YEAGER	--	452637	1222603	555	130.0	--	--	6.0	B	15.0	1.0	1.0	118.2	3/ 6/57	--	O	
	900520		--				180.0	180.0	180.0	6.0	N	--	--	--	137.6	3/29/89	--	D O	
1S/3E-33DCA(Q)	500139	DAMASCUS WATER DISTRICT	1953	452607	1222619	600	305.0	182.0	238.0	8.0	P	200.0	27.0	0.3	178.0	3/29/89	--		
								295.0	305.0										
1S/3E-33DDA(R)	500138	DAMASCUS WATER DISTRICT	--	452605	1222605	628	325.0	290.0	325.0	5.0	P	170.0	15.0	4.0	224.7	3/29/89	--		
1S/3E-34ABC(B)	900726	DAVID TILLSTROM	--	452640	1222513	490	300.0	--	--	--	P	110.0	7.0	2.0	194.0(D)	12/10/54	--	D I	
1S/3E-34BDD(F)	500137	DILLARD NURSERY	1973	452628	1222528	552	300.0	182.0	212.0	--	P	225.0	51.0	4.0	135.6	3/29/89	180	I	
								240.0	300.0										
1S/3E-35BAD(C)	7650	DAVE MCCARTHY	1983	452636	1222412	530	185.0	165.0	185.0	6.0	A	30.0	--	2.0	90.0(D)	5/27/83	--	O	
1S/3E-36ABA(B)	8132	BORING WATER DISTRICT	1959	452644	1222338	527	452.0	351.0	361.0	16.0	P	250.0	3.0	1.0	120.1	3/ 4/88	--	O P	
1S/3E-36BBD1(D)	7692	EASTMONT WATER DISTRICT	1965	452640	1222313	520	316.0	110.0	295.0	8.0	P	200.0	71.0	2.0	70.0(D)	--/--/--	--		
1S/3E-36BDB(F)	7677	WAYNE GARRISON	1972	452631	1222311	620	243.0	200.0	240.0	--	B	20.0	75.0	2.0	126.9	4/ 8/88	--	O	
1S/3E-36BDB1(K)	900429	VERNAL WILSON	1953	452618	1222252	555	220.0	--	--	--	P	250.0	75.0	--	60.0(D)	1/ 1/53	--	I O	
1S/3E-36BDB2(K)	7695	P & C MEAT INC	1967	452622	1222251	535	310.0	200.0	208.0	8.0	P	175.0	105.0	4.0	59.8	3/ 2/88	--	C O	
								220.0	244.0										
								250.0	280.0										
1S/4E-26ACB(G)	7115	BILL DUGGER	1976	452724	1221643	537	50.0	48.0	50.0	6.0	P	25.0	20.0	1.0	38.6	4/ 7/88	--	O	
1S/4E-26BAA(C)	7091	ROBERT PITTS	1986	452739	1221644	500	165.0	165.0	165.0	--	A	10.0	--	0.5	88.1	4/ 7/88	--	O	
1S/4E-26CCB(N)	7101	BLAIR GRIMMER	1981	452702	1221720	730	120.0	60.0	89.0	--	B	12.0	35.0	1.0	14.1	4/ 7/88	--	O	
								90.0	120.0										
1S/4E-26CCC(N)	7459	RAY BATES	1980	452651	1221720	746	360.0	300.0	360.0	6.0	B	5.0	0.0	1.0	290.0(D)	11/22/80	--	D O	
1S/4E-27ACC2(G)	7124	ROBERT LOOMIS	1974	452716	1221756	690	125.0	60.0	75.0	6.0	B	30.0	27.0	1.0	18.0(D)	6/ 1/74	--	I	
								78.0	125.0										
1S/4E-27CAB1(L)	7118	HANDY NURSERY	1973	452710	1221812	700	392.0	310.0	392.0	10.0	P	470.0	11.0	8.0	240.0(D)	4/27/73	--	I	
1S/4E-27DBB(K)	7119	LOOMIS NURSERY COMPANY INC.	1980	452715	1221751	695	360.0	280.0	360.0	8.0	P	200.0	4.0	2.0	245.0(D)	9/22/80	--	I	
1S/4E-27DCB(Q)	7117	MORSE VAN METER	1986	452659	1221756	720	395.0	260.0	395.0	10.0	B	40.0	0.0	2.0	260.0(D)	1/18/85	--	I	
1S/4E-28ABC(B)	7135	J. KERSTING	1968	452731	1221906	603	172.0	170.0	172.0	6.0	B	15.0	22.0	2.0	146.7	4/ 7/88	--	O	
1S/4E-28ADA(H)	7129	GERALD BELCHER	1972	452728	1221842	646	345.0	240.0	340.0	6.0	P	10.0	89.0	1.0	270.2	4/ 7/88	--	O	
1S/4E-28ADD1(H)	900309	J. FRANK SCHMIDT & SON	1985	452715	1221844	660	1783.0	1116.0	1783.0	12.0	P	1180.0	158.0	2.5	528.0(D)	8/ 7/85	--	I O	
1S/4E-28BAC(C)	7139	JAMES ANGUS	1975	452735	1221929	589	88.0	46.0	46.0	6.0	B	14.0	43.0	1.0	35.1	4/ 8/88	--	O	
								52.0	52.0										
								79.0	85.0										
1S/4E-28DCB1(Q)	7130	HOOD ACRES CORP	--	452657	1221910	635	345.0	210.0	250.0	10.0	P	200.0	50.0	8.0	210.0(D)	--/--/52	--		
								280.0	345.0										
1S/4E-28DOB(R)	7128	J. FRANK SCHMIDT	1976	452702	1221845	663	465.0	350.0	465.0	8.0	P	335.0	19.0	8.0	208.0(D)	3/26/76	--	O	
1S/4E-29AAA(A)	900447	STEVE HELFRICH	1983	452738	1221952	560	120.0	50.0	110.0	6.0	B	10.0	60.0	1.0	7.7	4/ 7/88	--	O	
1S/4E-29BDA(F)	7146	HANK NAPPE	1969	452724	1222031	566	257.0	140.0	209.0	--	P	60.0	9.0	1.0	133.8	9/ 9/88	--	O	
								211.0	257.0										
1S/4E-29CAA1(L)	7152	HANS NELSON	--	452714	1222032	585	178.0	140.0	170.0	8.0	P	125.0	30.0	6.0	135.0(D)	2/29/68	--	C O	
1S/4E-29CAA2(L)	7143	NELSON & SON NURSERY	1986	452710	1222028	592	475.0	260.0	470.0	10.0	P	400.0	122.0	8.0	168.0(D)	5/28/86	--	I O	
1S/4E-29CDB(P)	7144	PHIL VAN HISE NURSERY	1985	452708	1222053	585	320.0	272.0	277.0	6.0	B	40.0	50.0	1.5	130.0(D)	3/13/85	--	I	
								286.0	296.5										
1S/4E-29DAD1(J)	7147	JAMES BUSHUE	1981	452706	1221949	610	195.0	40.0	194.0	8.0	P	50.0	95.0	6.0	21.0(D)	5/27/81	--	I	
1S/4E-29DCC(Q)	900444	NAPPE & SON NURSERY	1987	452654	1222025	580	510.0	200.0	215.0	12.0	B	45.0	--	1.0	115.1	3/ 4/88	--	G I O	
								250.0	260.0										
								285.0	295.0										
								350.0	360.0										
								390.0	400.0										
								415.0	425.0										
1S/4E-30ADB(H)	7209	GEORGE OLDHAM	1977	452722	1222117	611	160.0	120.0	160.0	6.0	B	17.0	35.0	2.5	127.7	4/ 6/88	--	O	
1S/4E-30ADD(H)	7164	JOHN IHREK	1975	452716	1222106	615	139.0	55.0	139.0	6.0	P	15.0	12.0	1.0	117.0(D)	10/31/75	--	O	
1S/4E-30BDA(F)	7192	F.E. COLLINS	1984	452727	1222148	540	108.0	108.0	108.0	--	P	15.0	6.0	8.0	89.2	4/ 6/88	--	O	
1S/4E-30CBB(M)	7183	T. OKINO	1953	452712	1222213	581	444.0	410.0	421.0	12.0	P	200.0	29.0	4.0	158.5	4/ 7/88	--	I O	
								431.0	434.0										
1S/4E-30CCB(N)	7244	CLINE OTEY	1974	452701	1222215	601	242.0	190.0	240.0	6.0	B	36.0	12.0	2.0	108.0(D)	5/23/74	--	O	
1S/4E-30DCD(Q)	7236	WILLIAM ERICKSON	1980	452651	1222127	605	300.0	277.0	300.0	8.0	P	125.0	--	1.0	127.4	3/ 2/88	--	I O	
1S/4E-31AAC(A)	7257	HANDY NURSERY	1977	452643	1222121	575	290.0	222.0	288.0	8.0	P	140.0	90.0	8.0	92.0(D)	9/14/			



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
CLACKAMAS COUNTY, OREGON--Continued																		
2S/1E-24CDC(P)	500309	NORTHWEST NATURAL GAS	1984	452237	1223754	257	400.0	--	--	8.7	N	--	--	--	--	--/--/--	--	
2S/2E-1ADA(H)	500273	JAMES GILBERT	1977	452540	1222945	348	310.0	190.0	290.0	8.0	P	250.0	180.0	2.0	105.5	3/31/89	180	B H I O
2S/2E-2DBC1(K)	500274	GLEN SAVAGE	1958	452524	1223131	355	404.0	184.0	204.0	8.0	P	141.0	27.0	5.0	276.0	4/ 4/89	--	I
								224.0	244.0									
								264.0	314.0									
2S/2E-2DBC2(K)	500275	GLEN SAVAGE	1971	452524	1223130	352	400.0	348.0	358.0	--	P	165.0	37.0	1.0	228.4	4/ 4/89	210	I
								373.0	388.0									
2S/2E-3DBC(K)	500277	MT. SCOTT WATER DISTRICT	1985	452523	1223248	380	676.0	310.0	420.0	--	P	135.0	352.0	20.0	342.0	4/12/89	252	
2S/2E-3DDO(R)	500276	CHARLES FOX	1940	452508	1223214	312	163.0	--	--	8.0	P	31.0	--	--	44.7	4/ 7/88	--	B H O
2S/2E-4DCC(Q)	500278	STATE OF OREGON	1978	452509	1223401	95	120.0	100.0	120.0	10.0	P	257.0	65.0	8.0	1.8	3/30/88	--	B C H O
2S/2E-5CDB(M)	500279	NORTH CLACKAMAS SCHOOL DISTRICT	1957	452523	1223542	100	203.0	101.0	108.0	8.0	P	135.0	58.0	30.0	10.8	4/ 4/89	132	I
								124.0	131.0									
								146.0	181.0									
								186.0	197.0									
2S/2E-6ABDA(B)	500317	CITY OF MILWAUKIE	1985	452550	1223623	125	480.0	350.0	390.0	--	P	725.0	165.0	24.0	57.6	4/ 8/88	--	
								430.0	470.0									
2S/2E-7DDO(R)	500280	ROBERT BREWSTER	1981	452416	1223558	306	440.0	43.0	440.0	8.0	A	100.0	--	1.0	288.4	4/ 3/89	234	
2S/2E-8ABAD(B)	500292	NORTHWEST NATURAL GAS	1985	452458	1223500	151	400.0	--	--	8.8	N	--	--	--	--	--/--/--	--	
2S/2E-8CCC(N)	500281	NED BURTON	1978	452414	1223547	265	342.0	--	--	6.0	P	12.0	79.0	1.0	254.7	3/30/88	276	
2S/2E-9CCB(N)	500282	JOHNSON MOBILE COURT	1969	452422	1223439	135	160.0	125.0	160.0	8.0	B	70.0	20.0	2.0	39.7	4/ 3/89	198	
2S/2E-10BDD(F)	500283	OAK ACRES MOBILE HOME PARK INC.	1967	452440	1223255	122	312.0	80.0	130.0	10.0	P	250.0	60.0	48.0	42.6	4/ 3/89	--	
								160.0	295.0									
2S/2E-11DAA(J)	500284	RIVER BEND MOBILE HOME PARK	1973	452433	1223107	148	820.0	805.0	820.0	8.0	P	300.0	48.0	4.0	26.4	3/ 6/73	--	
2S/2E-11DDO(B)	500285	RIVER BEND MOBILE HOME PARK	1979	452423	1223109	132	800.0	798.0	800.0	8.0	P	200.0	85.0	24.0	141.8	4/ 4/89	321	
2S/2E-12ADA(H)	500286	LEE SCHWEITZER	1980	452445	1222949	338	405.0	335.0	345.0	--	P	165.0	55.0	8.0	187.5	3/31/89	--	B H I O
								350.0	355.0									
								365.0	370.0									
2S/2E-13ABA(B)	500287	RIVERVIEW MOBILE HOME PARK	1970	452405	1223006	158	365.0	344.0	364.0	9.7	P	300.0	239.0	6.0	127.2	3/31/89	197	
2S/2E-13DAC(J)	11526	JOHN RAMSON	1971	452336	1222959	115	75.0	52.0	72.0	6.0	B	20.0	20.0	1.0	21.6	11/ 8/72	--	
2S/2E-14ADD(H)	11527	ALLEN PHILLIPS	1969	452346	1223058	75	112.0	102.0	112.0	6.0	B	30.0	80.0	2.0	0.5	3/ 1/69	--	
2S/2E-14BAA(C)	500288	EMPIRE BUILDING MATERIALS COMPANY	1971	452405	1223143	125	290.0	280.5	284.0	6.0	B	35.0	150.0	2.0	55.9	3/31/89	189	C
								285.5	290.0									
2S/2E-14BDC1(F)	800505	U.S. GEOLOGICAL SURVEY	1987	452350	1223148	72	19.0	13.8	18.8	2.0	N	--	--	--	--	--/--/--	--	B H O
2S/2E-14BDC2(F)	800506	U.S. GEOLOGICAL SURVEY	1987	452350	1223148	73	84.0	78.9	83.9	2.0	N	--	--	--	--	--/--/--	--	B H O
2S/2E-14CAB1(L)	800503	U.S. GEOLOGICAL SURVEY	1987	452345	1223150	68	20.4	15.4	20.4	2.0	N	--	--	--	--	--/--/--	--	B H O
2S/2E-14CAB2(L)	800504	U.S. GEOLOGICAL SURVEY	1987	452345	1223150	67	83.4	78.4	83.4	2.0	N	--	--	--	--	--/--/--	--	B H O
2S/2E-14CAC1(L)	800502	U.S. GEOLOGICAL SURVEY	1987	452339	1223149	61	21.0	17.8	20.5	2.0	N	--	--	--	--	--/--/--	--	B H O
2S/2E-14CAC2(L)	800501	U.S. GEOLOGICAL SURVEY	1987	452339	1223149	60	73.0	68.0	73.0	2.0	N	--	--	--	--	--/--/--	--	B H O
2S/2E-15ADC(H)	500289	CONSOLIDATED ROCK PRODUCTS INC.	1984	452345	1223222	65	95.0	77.0	87.0	6.0	P	100.0	50.0	1.5	2.0(D)	6/ 2/84	--	C
2S/2E-15BBB(D)	500290	ROBERT BOCCI	1954	452407	1223320	104	347.0	75.0	80.0	10.0	P	340.0	52.0	--	17.4	3/ 7/83	--	H I O
								135.0	145.0									
								210.0	215.0									
								220.0	227.0									
								230.0	237.0									
								255.0	265.0									
								275.0	285.0									
								292.0	302.0									
2S/2E-16BBB(D)	500291	JOHNSON CITY MOBILE PARK	1976	452409	1223435	112	172.0	103.0	156.0	8.0	P	125.0	81.0	0.5	12.4	4/ 3/89	--	
2S/2E-16BDD(B)	500293	NORTHWEST NATURAL GAS	1985	452351	1223411	118	350.0	--	--	8.8	N	--	--	--	--	--/--/--	--	
2S/2E-17BDA(F)	500294	RANDY MARTIN	1961	452354	1223524	320	263.0	62.5	263.0	6.0	B	1.2	--	--	168.0	4/ 8/88	--	B O
2S/2E-17CBB(M)	500295	NORTHWEST NATURAL GAS	1973	452345	1223551	211	400.0	--	--	--	N	--	--	--	--	--/--/--	--	
2S/2E-18ACB(G)	500296	NORTH CLACKAMAS SCHOOL DISTRICT	1970	452358	1223628	154	983.0	--	--	6.0	P	190.0	240.0	9.0	114.4	4/ 6/89	--	C D
2S/2E-18BDA(F)	500297	NORTH CLACKAMAS SCHOOL DISTRICT	1972	452353	1223630	132	488.0	36.0	488.0	8.0	P	292.0	151.0	24.0	81.9	4/10/87	--	C
								120.0	203.0									
2S/2E-19DAC(J)	500299	NORTHWEST NATURAL GAS	1966	452243	1223612	55	402.0	--	--	--	N	--	--	--	--	--/--/--	--	
2S/2E-20BBD(D)	500300	GLADSTONE SCHOOL DISTRICT	1965	452314	1223541	88	304.0	27.0	304.0	10.0	P	200.0	5.0	6.0	75.1	4/ 6/89	240	
2S/2E-30BDD(F)	900479	NORTHWEST NATURAL GAS	1987	452205	1223639	95	400.0	--	--	10.0	N	--	--	--	--	--/--/--	--	
2S/3E-1CCC(N)	900474	HOODVIEW SEVENTH DAY ADVENTIST	1960	452507	1222323	597	300.0	250.0	296.0	8.0	P	102.0	35.0	1.0	227.2	3/ 2/88	--	O P
2S/3E-1DCA(Q)	8142	BORING WATER DISTRICT	1964	452518	1222239	551	245.0	205.0	245.0	--	P	100.0	5.0	2.0	194.6	3/ 4/88	--	O P
2S/3E-3DCC(Q)	500146	BILL MCCAMMON	1977	452507	1222519	615	275.0	195.0	235.0	8.0	P	50.0	17.0	2.0	178.0(D)	11/16/77	--	B H I O
	900370		1978				310.0	195.0	235.0	6.0	P	100.0	65.0	8.0	203.7	3/29/89	--	B D H I O
								270.0	310.0									
2S/3E-4ADB(H)	500147	EUGENE MUSKOPF	1978	452542	1222617	762	455.0	440.0	455.0	--	B	18.0	35.0	2.0	396.9	3/29/89	155	B H O
2S/3E-5CBC1(M)	8201	ROLAND BECHTOLD	1974	452518	1222823	590	80.0	25.0	80.0	6.0	A	6.0	--	1.0	32.2	3/30/89	--	O
2S/3E-50DBC(R)	500141	DAMASCUS WATER DISTRICT	1974	452511	1222729	548	1066.0	834.0	974.0	--	P	170.0	61.0	1.0	304.8	3/29/89	--	D
								980.0	1063.0									
2S/3E-68																		



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks	
							Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date			
CLACKAMAS COUNTY, OREGON--Continued																		
2S/3E-10BACC(C)	500154 FUJIMOTO		--	452457	1222537	618	305.0	227.0	246.0	--	P	200.0	58.0	--	120.0(D)	3/15/53	-- B I O	
	500153		1968				330.0	254.0	270.0	--	P	285.0	85.0	13.0	176.1	3/30/89	-- B D H I O	
								283.0	297.0									
								325.0	328.0									
2S/3E-11AAD(A)	8339 JOHN WILLIAM GRIFFIN		1973	452453	1222332	565	308.0	292.0	308.0	6.0	B	12.0	42.0	4.0	220.6	4/ 6/88	-- O	
2S/3E-11ACC1(G)	8311 BOB MCQUAWN		1986	452441	1222359	565	235.0	235.0	235.0	--	B	8.0	220.0	1.0	196.9	3/ 4/88	-- O	
2S/3E-11ACC2(G)	900446 GERALD HENDERSHOTT		1987	452441	1222407	542	217.0	--	--	10.0	B	27.0	8.0	1.0	177.3	9/ 7/88	-- O	
2S/3E-11BDA(F)	900445 EDWARD WILSON		1987	452446	1222409	541	204.0	--	--	10.0	B	27.0	10.0	1.0	165.8	2/ 2/88	-- G O	
2S/3E-12CDD(P)	8332 GLENN SCHIEDEL		1978	452414	1222308	580	220.0	210.0	220.0	6.0	P	22.0	22.0	1.0	188.4	3/ 2/88	-- O	
2S/3E-12DBD(K)	8340 GORDON LANGE		1971	452429	1222237	613	234.0	210.0	233.0	--	B	20.0	4.0	1.0	201.0	3/ 2/88	-- O	
2S/3E-13AAC(A)	900431 JOY GANNETT		1982	452400	1222230	601	255.0	225.0	255.0	6.0	B	3.0	25.0	1.0	213.2	4/ 5/88	-- O	
2S/3E-13ABC(B)	8369 ALVIN RICHEY		1977	452402	1222251	586	266.0	261.0	266.0	6.0	P	10.0	30.0	2.0	207.6	4/ 5/88	-- O	
2S/3E-13ADC(W)	9100 DON JUHR		1974	452350	1222230	382	315.0	285.0	315.0	5.0	B	10.0	45.0	3.0	156.3	4/ 5/88	-- O	
2S/3E-13CDD(P)	11452 ROGER CROSBY		1963	452328	1222305	285	110.0	72.0	110.0	6.0	B	7.0	8.0	2.0	60.0(D)	4/26/63	-- O	
2S/3E-14BCC(E)	8297 GARY KAMISKY		1976	452352	1222437	490	615.0	560.0	615.0	6.0	B	18.0	40.0	2.0	319.0	4/ 6/88	-- O	
2S/3E-14CAC1(L)	800522 U.S. GEOLOGICAL SURVEY		1987	452337	1222426	210	54.0	49.0	54.0	2.0	N	--	--	--	6.6	3/ 1/89	-- B H O	
2S/3E-14CAC2(L)	800523 U.S. GEOLOGICAL SURVEY		1987	452337	1222426	212	85.0	79.7	84.7	2.0	N	--	--	--	5.4	3/ 1/89	-- B H O	
2S/3E-14CBC(M)	900503 SALVATION ARMY		--	452335	1222437	190	600.0	571.5	600.0	8.0	P	30.0	200.0	1.0	48.5	4/23/73	-- O	
	8387		1983				600.0	571.5	600.0	8.0	M	--	--	--	--	--	D O P	
2S/3E-14CDD(P)	11453 FOREST KIRK		1971	452322	1222419	260	117.0	110.0	116.0	--	B	30.0	50.0	1.0	20.0(D)	10/20/71	--	
2S/3E-15CAD(L)	500156 LILLIAN MEYER		1977	452334	1222524	170	154.0	149.0	154.0	6.0	B	20.0	15.0	1.0	81.5	3/30/89	--	
2S/3E-15CDD(M)	500157 LILLIAN MEYERS		1971	452326	1222546	182	448.0	--	--	5.0	B	2.5	320.0	2.0	131.9	4/14/88	--	
2S/3E-16ABB(B)	500158 MONTE MAY		1987	452407	1222269	655	243.0	54.0	243.0	--	A	14.0	--	1.0	52.2	3/31/89	70 B H O	
2S/3E-16BDD(F)	900478 RONALD D. HOOVER		1987	452351	1222650	642	403.0	202.0	403.0	6.0	P	15.0	--	1.0	326.0(D)	8/20/87	--	
2S/3E-17ABA(B)	900377 JACK MITUNIEWITZ		1987	452406	1222740	365	400.0	296.0	400.0	10.0	A	40.0	--	1.0	227.1	4/18/88	--	
2S/3E-17ACD(G)	500159 BERNARD LOMMENA		--	452351	1222740	250	135.0	126.0	129.0	5.0	P	25.0	20.0	2.0	102.2	4/18/88	--	
2S/3E-17BAD(C)	500160 EMISSARIES OF DIVINE LIGHT		1983	452400	1222757	312	443.0	380.0	440.0	6.0	A	75.0	--	1.0	124.5	3/30/89	--	
2S/3E-18CBB(M)	500161 CARVER MOBILE RANCH		1967	452336	1222942	115	118.0	64.0	70.0	--	B	35.0	75.0	1.5	23.7	3/31/89	--	
								85.0	115.0									
2S/3E-18CDD(P)	11454 EL PASO NATURAL GAS COMPANY		1963	452324	1222911	175	150.0	150.0	150.0	6.0	P	20.0	10.0	1.0	52.2	3/31/89	-- C	
2S/3E-20BAC(C)	500162 TOM GEBHARDT		1979	452307	1222800	120	122.0	116.0	122.0	8.0	P	21.0	10.0	2.0	7.4	3/30/89	120 B H O	
2S/3E-21BBC(D)	500163 JEFF PRATT		1986	452309	1222709	172	110.0	105.0	110.0	--	A	10.0	--	0.5	44.8	3/30/89	--	
2S/3E-23AAC(A)	11456 ELTE CONSTRUCTION		1965	452313	1222349	265	151.0	146.0	151.0	6.0	B	35.0	25.0	1.0	62.0(D)	12/ 9/65	--	
2S/3E-23BDB(F)	11459 COMPANY OF CLACKAMAS		1961	4523	7	1222425	250	138.0	118.0	138.0	6.0	B	6.0	20.0	2.0	7.7	4/23/73	--
2S/3E-24AAA(A)	900532 BILL TAPPER		1977	452318	1222224	590	460.0	446.0	460.0	6.0	B	12.0	50.0	2.0	355.0(D)	7/ 8/77	-- O	
2S/3E-24BCB(E)	11464 ADOLPH STILL		1950	452305	1222330	257	44.0	44.0	44.0	6.0	B	25.0	40.0	1.0	2.0(D)	10/29/50	--	
2S/3E-24DBC(K)	11465 RAY WALTON		--	452245	1222247	295	118.0	113.0	115.0	4.0	B	20.0	15.0	2.0	43.7	4/23/73	--	
2S/4E-1CBA1(M)	8554 LYLE & RHONDA SCHOPPERT		1986	452530	1221550	585	127.0	88.0	126.0	--	B	18.0	110.0	0.5	103.0(D)	1/15/86	-- O	
	8555		1986				525.0	463.0	525.0	--	B	18.0	467.0	1.0	443.0(D)	4/28/86	-- O	
2S/4E-2BAD(C)	8577 LYLE BUXTON		1974	452548	1221653	781	270.0	230.0	270.0	4.0	B	20.0	20.0	2.0	243.5	4/ 4/88	-- C O	
2S/4E-2BDB(F)	8687 CHATELAIN'S NURSERY		1982	452544	1221659	779	450.0	295.0	425.0	8.0	P	100.0	90.0	6.0	285.0(D)	5/24/82	-- I O	
2S/4E-2CDA1(P)	8686 HARRY CHATELAIN		1978	452516	1221647	830	500.0	365.0	385.0	8.0	B	40.0	1.0	2.0	312.0(D)	6/30/78	-- I	
								415.0	425.0									
								470.0	485.0									
2S/4E-2CDD1(P)	300978 HARRY CHATELAIN		--	452510	1221653	825	400.0	360.0	400.0	8.0	P	120.0	50.0	6.0	302.0(D)	11/--/67	-- I	
2S/4E-2CDD2(P)	8684 CHATELAIN'S NURSERY		1984	452510	1221653	814	1560.0	840.0	1560.0	6.0	P	180.0	20.0	24.0	684.0(D)	2/12/84	-- I O	
2S/4E-3ACB(G)	8631 R.G. KLOBAS		1979	452544	1221754	716	340.0	266.0	340.0	6.0	A	40.0	--	2.0	259.6	4/ 4/88	-- O	
2S/4E-3CDD1(P)	8617 FAYETTE WEEDIN		1962	452508	1221813	715	495.0	152.0	160.0	8.0	P	148.0	70.0	8.0	140.0(D)	7/13/62	-- I	
								250.0	258.0									
								384.0	392.0									
2S/4E-3CDD2(P)	8620 DON EKLUND		1986	452509	1221813	718	505.0	220.0	503.0	12.0	B	46.0	191.0	1.0	195.0(D)	7/14/86	--	
2S/4E-3CDD(G)	8640 WILHELM HECKEL		1969	452507	1221745	755	250.0	220.0	250.0	--	P	90.0	30.0	6.0	184.8	4/ 4/88	-- O	
2S/4E-4ACB(G)	8654 LLOYD HOLT		1976	452540	1221913	642	230.0	215.0	230.0	--	B	20.0	30.0	1.0	136.0	3/ 2/88	-- O	
2S/4E-4BDD(F)	900316 HOMEBUILDERS INV & SUPPLY		1979	452533	1221914	625	405.0	282.0	405.0	12.0	P	2525.0	--	--	161.5(D)	3/19/79	-- I O	
2S/4E-4BDD(K)	900432 GEORGE CONIBEAR		1980	452522	1221855	673	113.0	90.0	113.0	6.0	B	14.0	90.0	1.0	35.1	1/28/86	-- O	
2S/4E-4CDD1(Q)	301669 CHATELAIN'S NURSERY		1986	452508	1221904	655	300.0	200.0	300.0	8.0	A	100.0	--	4.0	100.0(D)	4/ 1/86	-- O	
2S/4E-4CDDA(R)	900433 OSCAR FUNK		1951	452514	1221842	692	400.0	400.0	400.0	8.0	P	60.0	215.0	--	54.4	3/ 2/88	-- H I O	
2S/4E-4CDD(R)	8683 JACK MASUD		1982	452511	1221840	694	250.0	175.0	250.0	6.0	B	17.0	4.0	2.0	155.2	4/ 7/87	-- O	
2S/4E-5AAC1(A)	900727 TUTTLE		1951	452550	1222006	575	300.0	74.0	80.0	--	P	150.0	80.0	--	80.0(D)	--/--/--	--	
								118.0	124.0									
2S/4E-5CBB(M)	900434 EARL MEIRS		1958	452528	1222056	541	205.0	110.0	130.0	8.0	P	100.0	66.0	2.3	44.2	3/ 2/88	-- H I O	



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
CLACKAMAS COUNTY, OREGON--Continued																		
2S/4E-9ABB(B)	8856	RAY LITTLEPAGE	--	452504	1221912	665	260.0	241.0	260.0	6.0	B	20.0	8.0	2.0	216.0	3/ 2/88	--	0
2S/4E-9BBB(D)	8846	HAROLD OLSEN	1975	452504	1221949	622	206.0	205.0	205.0	6.0	B	15.0	23.0	1.0	155.7	3/ 2/88	--	0
2S/4E-9CAA(L)	8854	GARY JENSEN	1974	452434	1221919	650	175.0	155.0	175.0	--	B	20.0	11.0	1.0	138.4	3/ 2/88	--	0
2S/4E-9DAA(J)	8837	BOB ROGERS	1979	452436	1221837	702	280.0	200.0	280.0	6.0	B	20.0	6.0	4.0	217.0(D)	4/20/79	--	0
2S/4E-9DCB(Q)	8847	CITY OF SANDY	1972	452422	1221910	535	175.0	118.0	170.0	8.0	P	110.0	44.0	1.0	58.0(D)	7/13/72	--	1 0
2S/4E-10ADD(H)	8913	CARL & LOLETTA BOYKO	1967	452442	1221727	778	256.0	256.0	256.0	--	B	34.0	0.0	4.0	158.7	4/ 4/88	--	0
2S/4E-10BBB(D)	8882	CLIFFORD ANDERSON	1980	452503	1221829	700	260.0	180.0	260.0	6.0	A	13.0	--	1.0	200.0(D)	6/26/80	--	0
	8881		1982	--	--	--	260.0	180.0	260.0	--	N	--	--	--	210.0(D)	10/27/82	--	0 0
2S/4E-10BBD(D)	8889	JOHN WANTOWSKI	1975	452454	1221823	692	250.0	180.0	200.0	6.0	A	10.0	--	1.0	214.4	4/ 5/88	--	0
							230.0	250.0										
2S/4E-10BCE(E)	8836	STATE OF OREGON	1980	452448	1221832	676	257.0	220.0	257.0	6.0	P	25.0	2.0	3.0	203.3	3/ 2/88	--	0
2S/4E-10BDF(F)	8884	PAUL MORTON	1977	452453	1221816	693	240.0	156.0	240.0	4.0	B	18.0	2.0	2.0	119.7	4/ 5/88	--	0
2S/4E-11ACB(G)	8933	L.W. HERZOG	1978	452448	1221637	841	150.0	115.0	150.0	--	B	10.0	20.0	2.0	106.9	4/ 7/88	--	0
2S/4E-11BBB(D)	8929	JOHN AMSTAD	1971	452504	1221720	791	256.0	244.0	256.0	--	B	20.0	1.0	2.0	212.1	4/ 4/88	--	0
2S/4E-11CAC(L)	8935	W. ISELI	1978	452432	1221655	750	221.0	141.0	199.0	6.0	P	43.0	73.0	1.0	138.0(D)	6/30/78	--	1
2S/4E-11CCC(N)	8942	ARTHUR LUNDEEN	1964	452418	1221719	810	310.0	163.0	300.0	--	B	17.0	72.0	1.0	191.9	4/ 7/88	--	0
2S/4E-13BDD(F)	900360	NORTHWEST NATURAL GAS	--	452351	1221535	981	400.0	--	--	10.0	N	--	--	--	--	--	--	--
2S/4E-15CDB(M)	8998	RON MASTERS	1984	452339	1221825	696	220.0	160.0	220.0	6.0	B	7.0	5.0	1.0	180.4	4/ 6/88	--	0
2S/4E-15DAD(J)	11472	WILLIAM CLARK	1968	452337	1221728	770	212.0	140.0	150.0	6.0	B	20.0	95.0	4.0	90.0(D)	3/15/68	--	0
							190.0	210.0										
2S/4E-16BDB(F)	9062	ORVILLE MASON	1968	452358	1221925	675	273.0	258.0	273.0	--	B	15.0	10.0	2.0	220.0(D)	7/15/68	--	0
2S/4E-16DAD(J)	11474	STANLEY MILLER	1971	452338	1221841	765	133.0	130.0	133.0	6.0	B	15.0	33.0	4.0	80.0(D)	5/28/71	--	0
2S/4E-16DDA(R)	9048	FRANK TIMBLIN	1978	452332	1221844	792	296.0	295.0	296.0	6.0	B	20.0	3.0	2.0	255.4	4/ 6/88	--	0
2S/4E-17BAC(C)	9075	ROONEY HALL	1976	452403	1222042	700	355.0	315.0	355.0	6.0	B	15.0	35.0	6.0	210.0(D)	7/ 6/78	--	0
							340.0	355.0										
2S/4E-17CBB(M)	9071	ROBERT UNIS	1977	452346	1222056	700	113.0	113.0	113.0	--	P	6.0	40.0	12.0	35.2	4/ 6/88	--	0
2S/4E-17CBB(M)	9097	WILLIAM HOFFMEISTER	1971	452336	1222100	692	750.0	720.0	734.0	6.0	B	15.0	60.0	3.0	545.0(D)	3/19/71	--	0
							736.0	750.0										
2S/4E-17CCB(N)	900440	SCHUEDEEN BROS	1947	452332	1222059	700	904.0	743.0	743.0	8.0	N	--	--	--	550.0(D)	1/ 1/47	--	0
2S/4E-18ACC(G)	11478	ERNIE TITSWORTH	1970	452353	1222134	645	240.0	220.0	235.0	--	B	9.0	10.0	1.0	210.0(D)	6/25/70	--	0
2S/4E-18ACD(G)	9090	GEO. HOWELL	1984	452348	1222128	611	180.0	150.0	180.0	--	A	20.0	--	1.0	142.5	4/ 4/88	--	0
2S/4E-18ADD(H)	9093	ROGER GAY	1969	452352	1222105	665	720.0	643.0	720.0	6.0	B	6.5	185.0	2.0	495.0(D)	11/ 3/69	--	0
2S/4E-18BAC(C)	8797	JOHN WILSON	1972	452406	1222156	375	256.0	247.0	255.0	6.0	B	7.0	88.0	2.0	170.7	4/ 5/88	--	0
2S/4E-19ACD(G)	11479	NOLA CLESTER	1970	452256	1222132	635	120.0	119.0	120.0	6.0	B	10.0	55.0	1.0	103.3	4/ 2/73	--	0
2S/4E-19CCC(N)	11480	DOUGLAS RIDGE																
		RIFLE CLUB	1966	452233	1222209	305	40.0	40.0	40.0	--	B	25.0	--	1.0	5.0(D)	2/ 4/66	--	0
2S/4E-20ACB(G)	9130	GEORGE WILLIAMS	1978	452305	1222022	648	580.0	--	--	--	N	--	--	--	--	--	--	0
2S/4E-20ADB(H)	11481	GLEN ZUERCHER	1969	452307	1222002	780	140.0	118.0	126.0	6.0	B	3.0	16.0	2.0	88.0	8/ 8/72	--	0
2S/4E-21BCD(E)	9166	S. WAGNE	1973	452259	1221942	710	180.0	100.0	150.0	--	P	60.0	60.0	1.0	14.0(D)	6/26/73	--	1 0
2S/4E-21CCA(N)	9133	BIG VALLEY MOBILE HOME PARK	1974	452240	1221941	700	105.0	63.0	93.0	8.0	P	158.0	21.0	24.0	57.0	9/13/88	--	0
							95.0	105.0										
2S/4E-22ABC(B)	9006	F.D. CADY	1978	452312	1221752	869	330.0	270.0	330.0	6.0	B	15.0	20.0	2.0	280.0(D)	3/16/78	--	0
2S/4E-22BBD(D)	11482	DONALD RAMOND	1970	452313	1221827	810	215.0	191.0	215.0	--	B	18.0	10.0	1.0	177.0(D)	11/27/70	--	0
2S/4E-22CBC(M)	900441	HUDSON-DUNCAN	1952	452247	1221834	811	1330.0	--	--	16.0	P	100.0	--	--	585.0(D)	6/ 7/52	--	0
2S/4E-22DAD(J)	9183	ELBERT & LIZ BARNES	1972	452245	1221727	937	542.0	500.0	535.0	--	P	100.0	44.0	6.0	295.0(D)	8/21/72	--	1 0
2S/4E-23AAD(A)	11485	KEN FLATH	1966	452312	1221616	960	110.0	60.0	110.0	--	P	8.0	50.0	1.5	50.0(D)	10/13/66	--	0
2S/4E-23BBD(C)	8996	DALE HADLEY	1969	452314	1221716	901	310.0	290.0	305.0	--	B	9.0	33.0	1.0	245.5	4/ 7/88	--	0
2S/4E-23BCC(E)	9222	JACOB HECKEL	1978	452257	1221723	896	178.0	158.0	178.0	4.0	P	20.0	10.0	2.0	156.2	4/ 6/88	--	0
2S/4E-24CBB(M)	9270	GARY SCHWARTZ	1978	452250	1221604	1023	300.0	200.0	300.0	--	B	25.0	30.0	2.0	195.1	4/ 7/88	--	0
2S/4E-24DAA(J)	9280	BRITTAN GERALD	1978	452250	1221456	1078	200.0	175.0	200.0	5.0	B	18.0	6.0	1.0	162.9	4/ 6/88	--	0
2S/4E-24DBA(K)	11491	B. COOK	1969	452250	1221518	1075	240.0	220.0	235.0	--	B	20.0	--	1.0	170.4	8/ 8/72	--	0
2S/4E-25ABA(B)	9213	MICHAEL MERRIMETHER	1985	452229	1221516	1095	120.0	98.0	108.0	6.0	B	15.0	45.0	1.0	31.5	4/ 7/88	--	0
2S/4E-25BDC(F)	11492	C.W. COCHRAN	1963	452206	1221545	1105	137.0	122.0	137.0	--	B	16.0	35.0	2.0	83.8	4/ 2/73	--	0
2S/4E-26ACD(G)	900598	BOB BOITANIO	1986	452207	1221629	1070	227.0	201.0	227.0	6.0	B	18.0	3.0	1.0	161.0(D)	2/10/86	--	0
2S/4E-26BBD(C)	900599	SANDY FARMS	1985	452222	1221721	920	195.0	100.0	195.0	8.0	B	25.0	25.0	4.0	100.0(D)	4/25/85	--	0
2S/4E-26BDC(E)	11494	R.C. CROONQUIST	1967	452207	1221706	1015	135.0	45.0	95.0	--	P	2.5	90.0	2.0	32.6	8/11/72	--	0
2S/4E-26DAB(J)	10452	GERALD GRASSL	1987	452159	1221621	1030	200.0	132.0	200.0	6.0	B	34.0	40.0	1.0	110.0(D)	1/ 2/87	--	0
2S/4E-27BAB(C)	11496	SANDY FARMS	1959	452228	1221816	905	300.0	220.0	280.0	12.0	P	250.0	70.0	48.0	214.0	3/14/62	--	1
2S/4E-27BDA(F)	11497	LUCIENCIEN ALEXANDER	1968															



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
CLACKAMAS COUNTY, OREGON--Continued																		
3S/4E-8AAB(A)	900629	HERMAN HAUGEN	1963	451948	1222009	450	225.0	205.0	220.0	6.0	B	14.0	225.0	1.0	129.8	4/ 3/73	--	
3S/4E-9CAB(L)	900630	HARRY WALLACE	1964	451926	1221928	670	90.0	85.0	86.0	6.0	B	6.0	5.0	1.0	79.8	4/ 3/73	--	
								89.0	90.0									
3S/4E-10CCB(N)	900631	CHUCK REED	1970	451912	1221834	832	74.0	61.0	73.0	6.0	B	15.0	25.0	1.0	35.0(D)	3/22/70	--	
3S/4E-10CDB(P)	900632	CHUCK WALKER	1971	4519	8 1221819	810	338.0	280.0	333.0	6.6	P	8.0	51.0	1.0	277.7	4/27/73	--	
3S/4E-11ACB(G)	900633	U.S. BUREAU OF LAND MANAGEMENT	1961	451937	1221642	565	90.0	23.0	90.0	6.0	B	18.0	80.0	1.0	-6.0(D)	11/ 8/61	--	
3S/4E-12AAC(A)	900634	RALPH GOIUS	--	451942	1221508	1235	138.0	105.0	125.0	6.0	B	15.0	60.0	2.0	42.0(D)	8/30/64	--	
3S/4E-12BCB(E)	900635	RUSSELL NIEMI	1969	451935	1221602	930	301.0	209.0	301.0	6.0	P	12.0	171.0	1.0	125.0(D)	4/ 8/69	--	
3S/4E-13CCD(N)	900636	ROSS A. JANSSEN	1969	451814	1221559	635	158.0	58.8	158.0	6.0	P	16.0	142.0	1.0	9.2	3/29/73	--	
3S/4E-14CAC(L)	900637	ORLA G. REISCH	1967	451829	1221705	960	145.0	52.0	145.0	6.0	B	10.0	4.0	1.0	126.0(D)	1/30/67	--	
3S/4E-15ACC(G)	900638	JAMES H. CANOVA	1969	451838	1221753	890	80.0	68.0	80.0	6.0	B	18.0	23.0	1.0	18.2	4/ 3/73	--	
3S/4E-15ADD(H)	900639	EUGENE PHERNETTON	1968	451842	1221725	880	213.0	213.0	213.0	6.0	B	10.0	20.0	1.5	177.1	4/ 3/73	--	
3S/4E-15BAD(C)	900640	FRANK DURAND	1971	451853	1221803	887	233.0	54.0	70.0	6.6	P	10.0	26.0	1.0	27.3	4/ 3/73	--	
								132.0	233.0									
3S/4E-15BCB1(E)	900641	JORDON	1968	451844	1221831	850	70.0	30.0	60.0	6.0	B	30.0	0.0	2.0	17.1	5/31/73	--	
								60.0	70.0									
3S/4E-16CBC(M)	900642	LESTER O. CLOSNER	1971	451827	1221951	490	50.0	28.0	30.0	6.0	B	10.0	20.0	4.0	8.0(D)	5/14/71	--	
								34.0	40.0									
								40.0	50.0									
3S/4E-17ACC(G)	900643	GENE DIMICK	1970	451841	1222027	462	45.0	45.0	45.0	6.0	B	8.0	5.0	1.0	25.1	4/ 3/73	--	
3S/4E-18BBA(D)	900644	WALT CHURCH	1971	451900	1222206	382	150.0	90.0	150.0	6.0	B	5.0	70.0	1.0	79.4	4/ 5/73	--	
3S/4E-19BBD(F)	900645	STATE OF OREGON	1964	451745	1222146	305	40.0	20.0	25.0	6.0	B	50.0	0.0	2.0	7.7	4/ 4/73	--	
3S/4E-21ADC(H)	900646	ROBERT A. YOUNG	1968	451748	1221847	755	128.0	35.5	128.0	6.0	B	5.0	45.0	1.0	96.1	7/18/72	--	C
3S/4E-22BDA(F)	900647	WILLIAM SOMMERVILLE	1971	451751	1221806	880	66.0	58.0	65.0	6.0	B	16.0	10.0	4.0	24.3	4/27/73	--	
3S/4E-23ABC(B)	900648	MARVIN YONKERS	1971	451800	1221646	985	245.0	100.0	245.0	6.0	P	21.0	67.0	2.0	178.0(D)	7/16/71	--	
3S/4E-23BBD(D)	900649	ROGER MOORE	1970	451801	1221707	1095	330.0	310.0	330.0	6.0	B	13.0	0.0	4.0	190.0(D)	8/15/70	--	
3S/4E-23BCC(E)	900650	PETER HOLLORAN	1970	451746	1221716	1070	98.0	80.0	98.0	6.0	B	8.0	0.0	2.0	82.8	4/ 4/73	--	
3S/4E-23DCA(Q)	900651	BEN RICHARDSON	1971	451727	1221635	1115	227.0	85.0	222.0	6.0	P	2.0	140.0	1.0	83.0(D)	10/12/71	--	
3S/4E-25BBD(D)	900652	ELDON FRAY	1970	451711	1221610	1090	73.0	70.0	73.0	6.0	B	10.0	0.0	2.0	36.3	9/19/72	--	
3S/4E-25BDC1(F)	900653	GLENN UNDERHILL	1968	451656	1221548	1110	405.0	157.5	405.0	6.0	B	3.0	405.0	2.0	169.8	4/ 5/73	--	C
3S/4E-25BDC2(F)	900654	ROBERT MALTBY	1972	451654	1221551	1100	170.0	62.0	170.0	6.0	B	18.0	170.0	1.0	120.0(D)	3/ 7/72	--	
3S/4E-26ABD(B)	900655	LYNN LEWIS	1972	451709	1221635	1150	100.0	80.0	100.0	6.0	B	10.0	30.0	2.0	13.5	4/ 5/73	--	
3S/4E-26CDA(P)	900656	W.O. YOUNGBERG	--	451635	1221657	1120	193.0	45.0	60.0	8.0	P	124.0	80.0	4.0	60.8	11/ 7/72	--	I
								60.0	193.0									
3S/4E-27ADD(H)	900657	WILBER BECKTEL	1970	451653	1221727	1020	84.0	84.0	84.0	6.0	B	15.0	0.0	2.0	56.0(D)	10/12/70	--	
3S/4E-27CDB(P)	900658	FRED A. TREPLOW	1971	451634	1221817	900	261.0	50.0	261.0	6.0	B	2.0	200.0	2.0	35.0(D)	7/ 3/71	--	
3S/4E-28ADD(H)	900659	H.L. DUVALL	1958	451656	1221841	813	57.0	55.5	57.0	6.0	B	8.0	35.0	1.0	18.0(D)	10/29/58	--	
3S/4E-28BBD(F)	900660	D.E. ANDERSON	1967	451656	1221921	720	466.0	20.0	466.0	6.0	P	0.5	292.0	1.0	26.9	8/ 4/72	--	
3S/4E-29CCA3(N)	900661	MICHAEL MUCCULLOCH	1971	451632	1222053	750	224.0	40.0	224.0	6.0	B	10.0	60.0	4.0	162.6	4/27/73	--	
3S/4E-29DAB(J)	900662	DAN JENNINGS	1965	451650	1222007	535	100.0	82.0	90.0	6.0	B	16.0	105.0	2.0	28.5	4/ 5/73	--	
								100.0	105.0									
3S/4E-29DDB(K)	900663	ZORREN EDISON	1969	451639	1222015	690	260.0	175.0	260.0	6.0	B	10.0	65.0	2.0	185.0(D)	11/ 3/69	--	
3S/4E-30BCA(E)	900664	E.B. SUTTER	1959	451702	1222208	855	60.0	41.0	50.0	6.0	B	5.0	80.0	2.0	10.0(D)	12/ 9/59	--	
								60.0	80.0									
3S/4E-30CAA(L)	900665	KARL MECKLENBURG	1969	451649	1222151	885	401.0	311.0	401.0	6.0	B	11.0	401.0	1.0	321.9	9/20/72	--	
3S/4E-32ACD(G)	900666	TED MELLICK	1971	451603	1222012	1045	190.0	73.0	190.0	6.0	A	10.0	--	2.0	157.3	4/27/73	--	
3S/4E-32BAA(C)	900667	FRANK G. STUDER	1971	451618	1222029	990	200.0	100.0	120.0	6.0	B	5.0	200.0	2.0	77.0(D)	4/ 1/71	--	
								140.0	180.0									
3S/4E-32CBB(M)	900668	S.E. LAURENCE	1968	451556	1222103	992	67.0	48.0	67.0	6.0	B	10.0	6.0	1.0	42.6	4/27/73	--	
3S/4E-33CDB(P)	900669	IRVIN JOYNER	1967	451544	1221929	1105	84.0	65.0	84.0	6.0	B	22.0	43.0	1.0	20.0(D)	3/ 6/67	--	
3S/4E-34ADA(H)	900670	EDWARD C. GRASSMAN	1971	451610	1221728	1160	95.0	60.0	93.0	6.0	P	100.0	98.0	1.0	10.0(D)	3/15/71	--	
								95.0	98.0									
3S/4E-34ADD(H)	900671	HENRY BEAL	1970	451600	1221728	1165	105.0	85.0	105.0	6.0	B	20.0	0.0	2.0	40.0(D)	8/31/70	--	
3S/4E-35DBC(K)	900672	JOHN HAMILTON	1969	451547	1221642	1180	103.0	46.6	103.0	6.0	P	4.0	60.0	1.0	35.0(D)	8/15/69	--	
3S/4E-36DDB(R)	900673	MERLE WEBSTER	1970	451542	1221513	1230	90.0	36.0	90.0	6.0	B	11.0	30.0	1.0	36.1	4/ 5/73	--	
COLUMBIA COUNTY, OREGON																		
3N/1W-68AA1(C)	9613	JOHN HAVLIC	1967	454644	1225122	42	85.0	85.0	85.0	8.0	P	240.0	0.0	5.0	39.7	3/10/83	--	H O
3N/2W-12DAD1(J)	900578	CITY OF SCAPPOOSE	1950	454519	1225207	36	116.0	86.0	116.0	8.0	N	228.0	--	--	24.5	4/ 4/89	--	
3N/2W-12DCB1(Q)	9799	STEINFELD PICKLE COMPANY	1956	454509	1225230	62	163.0	113.0	155.0	8.0	P	300.0	54.0	--	39.0(D)	7/20/56	--	C
3N/2W-13ABD1(B)	9796	SCAPPOOSE HIGH SCHOOL	1973	454451	1225218	30	177.0	137.0	172.0	--	P	450.0	107.0	6.0	21.2	4/26/88	--	I
3N/2W-13CAC1(L)	9811	CITY OF SCAPPOOSE	1978	454423	1225246	70	227.0	186.7	226.7	12.0	P	500.0	72.0	48.0	56.9	4/19/88	--	
3N/2W-24CCB1(N)	9924	MARES BERNARD	1973	454328	1225212	250	300.0	250.0	300.0	--	B	15.0	55.0	1.0	240.0(D)	12/12/73	--	
3N/2W-24CDA1(P)	999																	



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks	
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date			
MULTNOMAH COUNTY, OREGON--Continued																			
1N/1E-38BD0(D)	5935	NORTHWEST NATURAL GAS	1982	453611	1224036	20	250.0	--	--	--	N	--	--	--	--	--/--/--	--		
1N/1E-38CC1(E)	7038	CITY OF PORTLAND	1962	453557	1224048	5	175.0	161.0	171.0	12.0	P	300.0	11.0	2.0	10.3	3/29/89	--	I	
1N/1E-38BD1(K)	7039	JUBITZ TRUCK STOP	1963	453547	1224000	10	108.0	108.0	108.0	8.0	P	105.0	9.0	--	6.5	4/ 7/88	--	B C H O	
1N/1E-48AA(C)	7040	CITY OF PORTLAND	1976	453620	1224131	13	115.0	115.0	115.0	--	P	137.0	5.0	4.0	3.5(D)	2/20/76	--		
1N/1E-5ADA(H)	700016	HERON LAKE GOLFCOURSE	--	453607	1224209	13	125.0	106.0	120.0	12.0	P	1100.0	5.0	--	8.0	12/ 1/42	--		
1N/1E-5CBA(M)	7041	COLUMBIA BLVD SEWAGE TREATMENT	1972	453555	1224307	25	79.0	48.0	79.0	--	P	1000.0	1.2	3.0	10.0	4/ 6/88	--	C	
1N/1E-5DCB1(Q)	7043	PACIFIC CARBIDE & ALLOYS COMPANY	1960	453539	1224236	20	109.0	53.0	100.0	10.0	P	744.0	2.0	2.0	26.0(D)	10/ 4/60	--	C	
1N/1E-5DCB2(Q)	7044	PACIFIC CARBIDE & ALLOYS COMPANY	1976	453542	1224238	20	90.0	75.0	86.0	12.0	P	1321.0	7.0	2.0	24.0(D)	1/ 4/77	--	C	
1N/1E-50DB1(R)	900292	PORTLAND RENDERING COMPANY	1946	453539	1224221	15	96.0	55.0	96.0	10.0	P	500.0	--	--	--	7/31/46	--	C	
1N/1E-50DB2(R)	7045	PORTLAND RENDERING COMPANY	1967	453540	1224221	15	100.0	82.0	92.0	--	P	1200.0	1.5	1.5	17.2	4/ 4/88	--	B C H O	
1N/1E-6ACB1(G)	7079	COLUMBIA STEEL CASTING	--	453605	1224352	20	46.0	46.0	46.0	10.0	N	53.0	--	--	20.3	3/27/89	--	I	
1N/1E-7BBCA(D)	900334	NW NATURAL GAS	1975	453521	1224422	138	540.0	--	--	10.0	N	--	--	--	--	--/--/--	--		
1N/1E-7BBDB(D)	7046	FRED MEYER INC	1962	453510	1224412	143	248.0	184.0	194.0	--	P	350.0	4.0	8.0	143.0(D)	8/25/62	--	C	
1N/1E-7CBDA(M)	900335	NW NATURAL GAS	1970	453457	1224417	150	495.0	--	--	--	N	--	--	--	--	--/--/--	--		
1N/1E-7CCA1(N)	900290	MCCORMICK & BAXTER CREOSOTE	1945	453448	1224419	38	130.0	65.0	84.0	12.0	P	1600.0	26.0	--	23.0(D)	9/12/45	--	C	
1N/1E-7CCA2(N)	7048	MCCORMICK & BAXTER CREOSOTE	1968	453446	1224416	38	95.0	71.0	91.0	--	P	1030.0	18.0	6.0	31.3	3/29/89	--	C	
1N/1E-9ABC1(B)	7050	SIMPSON TIMBER COMPANY	1985	453517	1224120	35	76.0	57.0	70.0	8.0	P	450.0	30.0	2.0	30.3	3/28/89	--	C	
1N/1E-9ABC2(B)	900294	SIMPSON TIMBER COMPANY	1985	453519	1224121	32	76.0	57.0	67.0	8.0	P	450.0	35.0	3.0	25.0(D)	1/ 9/85	--	C	
1N/1E-9ACC(G)	900293	LONGMILE RUBBER COMPANY	--	453510	1224119	42	--	100.0	100.0	--	N	--	--	--	35.9	3/27/89	--	C	
1N/1E-9ACD1(G)	900295	LONGMILE RUBBER COMPANY	--	453509	1224116	45	--	100.0	100.0	--	N	--	--	--	34.7	3/27/89	--	C	
1N/1E-9ACD2(G)	900296	LONGMILE RUBBER COMPANY	1971	453508	1224116	49	217.0	60.0	70.0	--	P	250.0	6.0	2.0	35.7	3/27/89	--		
1N/1E-9BAB1(C)	7049	PORTLAND PROVISION COMPANY	1970	453527	1224143	30	65.0	63.0	65.0	10.0	P	500.0	38.0	4.0	24.0	3/29/89	314	C	
1N/1E-9BBA(D)	900297	HERBERT MALARKEY	1957	453529	1224151	31	363.0	80.0	145.0	20.0	P	2100.0	42.0	4.0	29.0(D)	1/10/57	--	C	
1N/1E-10AAB1(A)	900298	PORTLAND TRAILER COURT	--	453525	1223950	15	163.0	145.0	158.0	10.0	P	200.0	12.0	5.0	5.6	3/28/89	--	I	
1N/1E-10DB1(R)	900299	NABISCO	--	453451	1223949	48	--	75.0	75.0	10.0	N	--	--	--	33.0(D)	1/ 1/49	--	I	
1N/1E-10DB2(R)	900300	NABISCO	1948	453450	1223947	48	--	--	--	--	P	400.0	--	--	--	--/--/--	--	I	
1N/1E-10DB3(R)	900301	BLUE BELL POTATO CHIP COMPANY	--	453446	1223947	55	88.0	86.0	88.0	10.0	P	700.0	--	--	--	--/--/--	--	C	
1N/1E-11CCA (N)	5943	AMERON CONCRETE PIPE GROUP	1974	453448	1223927	48	90.0	72.0	88.0	10.0	B	75.0	0.0	2.0	41.0(D)	10/15/74	--	C	
1N/1E-11DAC1(J)	900302	AMODIZING INC.	1978	453453	1223839	15	980.0	--	--	0.0	P	60.0	30.0	2.0	10.0(D)	9/16/78	--	C D G	
1N/1E-12CBB(M)	900291	RIVERSIDE COUNTRY CLUB	1946	453501	1223817	10	149.0	125.0	142.0	14.0	P	500.0	98.0	1.0	1.3	3/28/89	--	I	
1N/1E-12DCD(Q)	700015	BROADMOOR GOLF COURSE	1950	453440	1223728	15	522.0	297.0	312.0	8.0	F	50.0	0.0	--	--	--/--/--	--		
1N/1E-13ACB(CG)	900336	NORTHWEST NATURAL GAS	1986	453421	1223743	68	400.0	--	--	8.8	N	--	--	--	--	--/--/--	--		
1N/1E-13DD1(R)	7052	PORTLAND SCHOOL DISTRICT	1966	453348	1223711	145	350.0	145.0	155.0	--	P	900.0	14.0	8.0	138.0(D)	8/ 4/66	--		
1N/1E-13DD2(R)	7051	PORTLAND SCHOOL DISTRICT	1966	453348	1223717	151	190.0	157.0	166.0	--	P	720.0	16.0	8.0	142.0(D)	9/28/66	--		
1N/1E-15ACBA(G)	900337	NORTHWEST NATURAL GAS	1982	453424	1224005	145	400.0	--	--	8.8	N	--	--	--	--	--/--/--	--		
1N/1E-17CAD1(L)	7053	CROWLEY MARITIME	1974	453404	1224248	22	200.0	198.5	200.0	6.0	B	24.0	28.0	2.0	22.0(D)	3/ 6/74	--	B C H O	
1N/1E-17DBB(C)	900338	NORTHWEST NATURAL GAS	1965	453354	1224221	18	400.0	--	--	--	N	--	--	--	--	--/--/--	--		
1N/1E-18ADB1(H)	7054	UNIVERSITY OF PORTLAND	1965	453419	1224331	172	247.0	193.0	235.0	12.0	P	875.0	20.0	8.0	167.8	4/ 7/88	--	I	
1N/1E-18CCAD(N)	900339	NORTHWEST NATURAL GAS	1965	453353	1224419	35	360.0	--	--	--	N	--	--	--	--	--/--/--	--		
1N/1E-19ACBD(G)	900340	NORTHWEST NATURAL GAS	1969	453329	1224349	35	400.0	--	--	--	N	--	--	--	--	--/--/--	--		
1N/1E-21CAB1(L)	7055	PORT OF PORTLAND	1957	453317	1224145	22	189.0	135.0	147.0	16.0	P	1000.0	48.0	8.0	30.0(D)	10/13/57	--		
1N/1E-22BAA(F)	5957	NORTHWEST NATURAL GAS	1985	453331	1224017	208	400.0	--	--	8.7	N	--	--	--	--	--/--/--	--		
1N/1E-23BBB1(D)	7056	FRED MEYER INC.	1960	453344	1223932	203	326.0	205.0	214.0	12.0	P	200.0	1.0	8.0	189.0(D)	7/13/60	--		
1N/1E-27ACDC(G)	900341	NORTHWEST NATURAL GAS	1985	453232	1224002	167	400.0	--	--	8.8	N	--	--	--	--	--/--/--	--		
1N/1E-28CAB1(L)	900676	GRIFFITH RUBBER	1946	453227	1224147	32	395.0	188.8	395.0	10.0	N	--	--	--	32.0(D)	8/27/46	--	C D	
1N/1E-29AAB(A)	5963	HERCULES POWDER COMPANY	1962	453251	1224223	30	574.0	243.0	574.0	12.0	P	315.0	275.0	11.0	30.0(D)	10/13/62	--		
1N/1E-29ABA(B)	900081	HERCULES POWDER COMPANY	1963	453248	1224232	35	679.0	195.0	679.0	12.0	P	365.0	190.0	12.0	32.0(D)	5/13/63	--	D	
1N/1E-33CDA(P)	900310	U.S. NATIONAL BANK	1946	453123	1224128	125	563.0	428.0	563.0	8.0	P	65.0	75.0	--	103.0	3/ 6/80	--	C H O	
1N/1E-34ABC1(B)	5994	MEMORIAL COLISEUM	1959	453154	1224008	70	300.0	175.0	300.0	14.0	P	1500.0	100.0	24.0	70.0(D)	7/25/59	--	C	
1N/1E-34ADD(H)	5978	NORTHWEST NATURAL GAS	1982	453136	1223941	75	400.0	--	--	--	N	--	--	--	--	--/--/--	--		
1N/1E-34CAAD(L)	5977	NORTHWEST NATURAL GAS	1986	453131	1224016	38	460.0	--	--	--	N	--	--	--	--	--/--/--	--		
1N/1E-34CCAB(N)	5990	U.S. WEST COMMUNICATIONS	1950	453121	1224041	49	690.0	324.0	690.0	14.0	P	250.0	78.0	--	49.3	3/ 9/64	--	C O	
1N/1E-34CCB (N)	5975	U.S. WEST COMMUNICATIONS	1986	453117	1224049	60	400.0	--	--	--	N	--	--	--	--	--/--/--	--		
1N/1E-34CCBC(N)	5985	PORTLAND MEDICAL CENTER	1958	453116	1224049	60	591.0	380.0	591.0	12.0	P	650.0	260.0	12.0	98.2	3/ 4/64	--	C O	
1N/1E-34CCBD(N)	900450	PACIFIC POWER AND LIGHT	--	453118	1224046	55	97.0	--	--	12.0	N	--	--	--	12.1	3/ 6/86	--	O	
1N/1E-34CCDA1(N)	5987	EQUITABLE SAVINGS & LOAN	1946	453115	1224036	38	158.0	60.0	140.0	--	P	225.0	157.0	--	--	--/--/--	--	C	
1N/1E-34CCDA2(N)	900088	EQUITABLE SAVINGS & LOAN	1946	453115	1224036	38	508.0	380.0	508.0	14.0	P	700.0	32.0	--	45.6	3/ 9/64	--	C D	
1N/1E-34CCDA3(N)	900089	EQUITABLE SAVINGS & LOAN	1947	453115	1224036	38	165.0	--	--	--	P	510.0	92.0	--	--	--/--/--	--	C	
1N																			



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
MULTNOMAH COUNTY, OREGON--Continued																		
1N/2E-90BDB1(K)	900275	CITY OF PORTLAND	1985	453456	1223349	19	418.0	148.0	158.0	--	P	800.0	16.0	6.0	15.0(0)	5/23/85	--	G
								165.0	175.0									
								193.0	203.0									
								307.0	312.0									
								332.0	337.0									
								353.0	358.0									
								364.0	369.0									
1N/2E-90DDC1(R)	900280	PORT OF PORTLAND	1949	453439	1223328	31	218.0	171.0	185.0	10.0	P	350.0	50.0	--	16.0(D)	7/11/49	--	C
1N/2E-13DCC1(P)	6165	CITY OF PORTLAND	1980	453346	1223034	20	569.0	484.0	559.0	8.0	P	350.0	27.0	4.0	-11.6(D)	11/ 6/80	--	
1N/2E-13DCC2(P)	6164	CITY OF PORTLAND	1981	453346	1223034	20	568.0	484.0	558.0	12.0	P	3000.0	167.0	2.0	0.2	4/ 6/89	--	
1N/2E-13DCC3(P)	6166	CITY OF PORTLAND	1980	453346	1223034	20	618.0	0.0	55.0	7.0	N	--	--	--	--/--/--	--	G	
								175.0	275.0									
								375.0	465.0									
								570.0	582.0									
1N/2E-14CCCD(N)	900056	NORTHWEST NATURAL GAS	1981	453347	1223203	20	400.0	--	--	8.8	N	--	--	--	--	--/--/--	--	
1N/2E-140DD1(R)	6171	CITY OF PORTLAND	1981	453350	1223102	20	582.0	496.0	501.0	--	P	450.0	23.0	4.0	-4.0(D)	12/ 8/81	--	G
								509.0	514.0									
								523.0	528.0									
								539.0	544.0									
								555.0	560.0									
								570.0	575.0									
	6169		1982				0.0	--	--	--	N	--	--	--	--	--/--/--	--	D
1N/2E-140DD2(R)	6170	CITY OF PORTLAND	1982	453350	1223102	20	585.0	495.0	575.0	--	P	2550.0	178.0	24.0	-0.8	4/ 6/89	--	
1N/2E-15BADD1(C)	6178	CITY OF PORTLAND	1984	453426	1223246	23	228.0	130.0	140.0	--	P	800.0	25.0	6.0	15.0(0)	9/26/84	--	
								152.0	162.0									
								186.0	196.0									
								208.0	218.0									
1N/2E-15BADD2(C)	6175	CITY OF PORTLAND	1985	453425	1223245	23	228.0	140.0	218.0	--	P	4200.0	47.0	72.0	14.0(D)	3/25/85	--	G
1N/2E-15BADD3(C)	6176	CITY OF PORTLAND	1985	453425	1223246	24	640.0	490.0	500.0	--	P	700.0	--	10.0	-9.2(D)	1/15/85	--	
								530.0	540.0									
								583.0	593.0									
								625.0	635.0									
1N/2E-15BADD4(C)	900276	CITY OF PORTLAND	1985	453424	1223245	24	667.0	480.0	539.0	--	P	3200.0	160.0	24.0	-6.5	4/11/89	--	
								583.0	591.0									
								620.0	657.0									
1N/2E-15BBAC1(D)	6179	CANDIDA CEREGHINO	1958	453433	1223311	22	364.0	360.0	364.0	10.0	P	200.0	25.0	2.0	1.0	6/ 2/87	--	I
	900589	CITY OF PORTLAND	1987				364.0	--	--	--	N	--	--	--	--	--/--/--	--	D
1N/2E-15BAC1(E)	6180	CITY OF PORTLAND	1977	453421	1223312	25	328.0	245.0	250.0	8.0	P	725.0	11.0	48.0	20.0(D)	10/26/77	--	G
								275.0	280.0									
								280.0	285.0									
								290.0	300.0									
								301.0	321.0									
1N/2E-15CAAC1(L)	900281	CITY OF PORTLAND	1984	453408	1223252	16	85.0	79.0	84.0	--	N	--	--	--	--	--/--/--	--	
1N/2E-15CBAA1(M)	6182	CITY OF PORTLAND	1985	453408	1223308	16	460.0	375.0	421.0	9.5	P	3400.0	203.0	108.0	-5.7	4/11/89	--	G
1N/2E-15CBAC1(M)	900283	CITY OF PORTLAND	1976	453406	1223312	17	708.0	--	--	--	N	--	--	--	--	--/--/--	--	B O
1N/2E-15CBAC6(M)	900533		--				189.0	186.0	189.0	2.0	N	--	--	--	6.6	4/ 4/88	--	H T
1N/2E-15CBAC7(M)	900534		--				406.0	403.0	406.0	2.0	N	--	--	--	-0.4	4/ 4/88	--	H T
1N/2E-15CBAC4(M)	900535		--				521.0	518.0	521.0	2.0	N	--	--	--	-3.6	4/ 4/88	--	H T
1N/2E-15CBAC5(M)	900536		--				565.0	562.0	565.0	2.0	N	--	--	--	-3.8	4/ 4/88	--	H T
1N/2E-15CBAC2(M)	6183	CITY OF PORTLAND	1977	453407	1223312	17	226.0	69.0	220.1	6.0	P	702.0	14.0	48.0	9.0(D)	9/24/77	--	
1N/2E-15CBAC3(M)	6181	CITY OF PORTLAND	1985	453407	1223309	17	235.0	83.0	113.0	--	P	6000.0	50.0	72.0	6.0(D)	12/ 7/85	--	G
								124.0	165.0									
								173.0	220.0									
								225.0	235.0									
1N/2E-15CDA1(P)	6184	CITY OF PORTLAND	1984	453356	1223249	22	448.0	377.0	438.0	--	P	1900.0	193.0	24.0	--	4/ 6/89	--	G
1N/2E-15DAA1(J)	6174	CITY OF PORTLAND	1984	453409	1223210	23	415.0	138.0	148.0	--	P	805.0	30.0	6.0	14.0(D)	8/13/84	--	G
								167.0	176.0									
								182.0	192.0									
								208.0	218.0									
								325.0	415.0									
1N/2E-15DAA2(J)	6172	CITY OF PORTLAND	1984	453409	1223209	22	270.0	167.0	260.0	--	P	4000.0	64.0	24.0	13.4	4/ 6/89	--	G
1N/2E-15DAA1(J)	6173	CITY OF PORTLAND	1984	453408	1223210	22	448.0	337.0	350.0	--	P	2500.0	105.0	24.0	--	4/ 6/89	--	
								367.0	411.0									
1N/2E-15DBC1(K)	900277	MICHEL DEV COMPANY	1962	453402	1223243	20	360.0	340.0	360.0	--	N	--	--	--	--	--/--/--	--	C
1N/2E-150BDB1(K)	900284	CITY OF PORTLAND	1983	453405	1223232	22	68.0	60.0	65.0	--	N	--	--	--	--	--/--/--	--	
1N/2E-16ABAC1(B)	6185	W.L. MENKE	1959	453432	1223348	23	345.0	336.0	345.0	8.0	P	180.0	35.0	2.0	6.0	7/ 8/87	--	I
	900590	CITY OF PORTLAND	1987				345.0	--	--	8.0	N	--	--	--	--	--/--/--	--	D
1N/2E-16ACDB1(G)	6186	CITY OF PORTLAND	1985	453418	1223348	7	399.0	140.0	150.0	--	P	800.0	29.0	6.0	-10.4(D)	7/17/85	--	G
								165.0	175.0									
								190.0	200.0									
								215.0	225.0									
								330.0	335.0									
								340.0	345.0									
								350.0	355.0									
								360.0	365.0									
1N/2E-16ADBC1(H)	6187	CITY OF PORTLAND	1977	453421	1223340	15	400.0	347.0	386.0	6.0	P	720.0	28.0	48.0	-5.8(D)	10/30/77	--	G
1N/2E-17CAD1 (L)	500205	BERNIE CALCAGNO	--	453403	1223521	65	70.0	--	--	6.0	B	45.0	--	1.0	48.5	3/28/89	--	
1N/2E-17CAD2(L)	500204	BERNIE CALCAGNO	1972	453403	1223519	60	67.0	45.0	65.0	8.0	P	250.0	0.0	4.0	42.5	3/31/88	--	I
1N/2E-17DAA(J)	6190	COSMOPOLITAN AIRTEL	1968	453404	1223438													



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
MULTNOMAH COUNTY, OREGON--Continued																		
1N/2E-238CBD(E)	500210	CITY OF PORTLAND	1969	453326	1223202	31	80.0	23.0	25.0	6.0	B	40.0	--	3.0	16.6	5/14/87	--	
								30.0	33.0									
								40.0	43.0									
								50.0	53.0									
								60.0	63.0									
								70.0	73.0									
1N/2E-238CDB1(E)	500211	CITY OF PORTLAND	1962	453325	1223158	35	63.0	33.0	63.0	--	P	1800.0	8.0	8.0	20.5	4/ 6/89	--	
1N/2E-24AABC1(A)	900096	CITY OF PORTLAND	1979	453341	1222956	25	345.0	0.0	345.0	--	N	--	--	--	20.0(D)	11/20/79	--	
1N/2E-24AABC2(A)	6194	CITY OF PORTLAND	1980	453341	1222956	25	531.0	407.7	518.7	12.0	P	2400.0	80.0	3.0	-11.5(D)	7/11/80	--	G
	6199		1983				531.0	389.0	390.0	--	P	2500.0	126.0	8.0	--	4/ 6/89	--	D
								400.0	515.0									
1N/2E-24AACC1(A)	6198	CITY OF PORTLAND	1977	453335	1222956	25	490.0	425.0	489.0	6.0	P	647.0	37.0	48.0	-6.9(D)	11/14/77	--	G
1N/2E-24ADCB(H)	6204	CITY OF PORTLAND	1980	453325	1222957	17	509.0	453.5	504.0	12.0	P	3000.0	128.5	24.0	--	4/ 6/89	--	G
1N/2E-24ADCB(H)	6205	CITY OF PORTLAND	1977	453323	1222957	17	320.0	251.0	320.0	6.0	P	730.0	50.0	49.0	-10.2(D)	12/16/77	144	
1N/2E-24BDB1(F)	900278	CITY OF PORTLAND	1981	453327	1223029	15	389.0	283.0	288.0	--	P	450.0	27.3	4.0	-3.5(D)	9/11/81	--	G
								296.0	301.0									
								315.0	320.0									
								326.0	331.0									
								338.0	343.0									
								360.0	365.0									
1N/2E-24BDB2(F)	6206	CITY OF PORTLAND	1982	453327	1223029	15	375.0	282.0	365.0	--	P	2500.0	196.0	48.0	--	4/ 6/89	--	
1N/2E-24CACA1(L)	6213	CITY OF PORTLAND	1983	453311	1223029	39	561.0	441.5	451.7	6.0	P	425.0	45.0	4.0	3.0(D)	4/20/83	--	G
								466.5	474.8									
								501.5	511.8									
								541.5	551.8									
1N/2E-24CACA2(L)	6214	CITY OF PORTLAND	1983	453311	1223029	39	558.0	419.4	420.4	--	P	2500.0	127.0	24.0	9.5	4/ 6/89	--	
								439.6	549.6									
1N/2E-24DABB1(J)	900286	CITY OF PORTLAND	1976	453319	1222956	18	548.0	--	--	--	N	--	--	--	--	--/--/--	--	B O
1N/2E-24DABB2(J)	900553		--	--	--	--	80.0	77.0	80.0	2.0	N	--	--	--	6.3	4/ 4/88	--	M T
1N/2E-24DABB3(J)	900554		--	--	--	--	270.0	267.0	270.0	2.0	N	--	--	--	4.7	4/ 4/88	--	M T
1N/2E-24DABB4(J)	900555		--	--	--	--	315.0	312.0	315.0	2.0	N	--	--	--	3.3	4/ 4/88	--	M T
1N/2E-24DABB5(J)	900556		--	--	--	--	390.0	387.0	390.0	2.0	N	--	--	--	-0.4	4/ 4/88	--	M T
1N/2E-24DABB6(J)	900557		--	--	--	--	430.0	427.0	430.0	2.0	N	--	--	--	0.8	4/ 4/88	--	M T
1N/2E-24DABB7(J)	900558		--	--	--	--	490.0	487.0	490.0	2.0	N	--	--	--	-0.3	4/ 4/88	--	M T
1N/2E-25AAB(B)	500213	NESTELLE	1947	453243	1223005	145	133.0	47.0	60.0	8.0	N	--	--	--	92.5(D)	5/ 8/49	--	I
								79.0	88.0									
1N/2E-25BABA(C)	900059	NW NATURAL GAS	1977	453252	1223030	95	320.0	--	--	--	N	--	--	--	--	--/--/--	--	
1N/2E-25CBCC1(M)	500214	RICHLAND WATER DISTRICT	1956	453216	1223054	251	490.0	145.0	200.0	12.0	P	220.0	94.0	4.0	179.6	4/12/89	--	
								240.0	270.0									
								270.0	280.0									
								300.0	310.0									
								312.0	330.0									
1N/2E-26CBA(M)	500218	PARKROSE SCHOOL DISTRICT	1958	453223	1223153	272	410.0	222.0	226.0	10.0	P	150.0	4.5	0.5	230.0	3/27/89	--	I
								374.0	386.0									
1N/2E-26CBC(M)	500215	EAST COUNTY RECYCLING	--	453216	1223206	245	377.0	305.0	315.0	8.0	P	140.0	23.0	24.0	203.0(D)	4/15/61	--	C
1N/2E-26DDB(R)	500216	RICHLAND WATER DISTRICT	--	453214	1223111	255	400.0	165.0	180.0	12.0	P	240.0	50.0	12.0	176.0	4/ 2/89	--	D
								252.0	263.0									
								300.0	315.0									
								371.0	383.0									
1N/2E-26DD1(R)	500217	RICHLAND WATER DISTRICT	1959	453205	1223103	258	445.0	355.0	428.0	12.0	P	150.0	36.0	1.0	201.8	4/14/88	--	
1N/2E-26DD2(R)	900287	RICHLAND WATER DISTRICT	1960	453205	1223103	258	250.0	--	--	16.0	P	100.0	25.0	8.0	150.0(D)	10/11/63	--	
1N/2E-27BBA(D)	500219	CITY OF PORTLAND	--	453253	1223311	210	265.0	217.0	220.0	12.0	P	1000.0	0.8	1.0	198.0(D)	5/ 3/52	--	
								221.0	241.0									
								243.0	247.0									
1N/2E-27DCCC1(Q)	900288	CITY OF PORTLAND	1976	453202	1223244	292	835.0	--	--	--	N	--	--	--	--	--/--/--	--	B O
1N/2E-27DCCC2(Q)	900507		--	--	--	--	229.0	226.0	229.0	2.0	N	--	--	--	107.5	3/31/88	--	M T
1N/2E-27DCCC3(Q)	900508		--	--	--	--	442.0	439.0	441.0	2.0	N	--	--	--	251.1	3/31/88	--	M T
1N/2E-27DCCC4(Q)	900509		--	--	--	--	708.0	705.0	708.0	2.0	N	--	--	--	249.5	6/ 7/88	--	M T
1N/2E-27DCCC5(Q)	900510		--	--	--	--	780.0	777.0	780.0	2.0	N	--	--	--	259.9	3/31/88	--	M T
1N/2E-29CAA(L)	500221	CITY OF PORTLAND	1945	453226	1223516	180	203.0	160.0	203.0	10.0	P	400.0	--	--	122.5	3/28/89	--	I
1N/2E-29CAB(L)	500222	CITY OF PORTLAND	1968	453221	1223534	182	265.0	215.0	222.0	12.0	P	380.0	9.5	4.0	143.1	3/28/89	--	I
								224.0	235.0									
								244.0	256.0									
1N/2E-29DABD1(J)	900289	CITY OF PORTLAND	1976	453221	1223452	204	1210.0	--	--	--	N	--	--	--	--	--/--/--	--	B G O
1N/2E-29DABD2(J)	900511		--	--	--	--	204.0	201.0	204.0	2.0	N	--	--	--	158.6	3/31/88	--	M T
1N/2E-29DABD3(J)	900512		--	--	--	--	447.0	444.0	447.0	2.0	N	--	--	--	165.0	3/31/88	--	M T
1N/2E-29DABD4(J)	900513		--	--	--	--	713.0	710.0	713.0	2.0	N	--	--	--	178.3	3/31/88	--	M T
1N/2E-29DABD5(J)	900514		--	--	--	--	809.0	806.0	809.0	2.0	N	--	--	--	179.7	3/31/88	--	M T
1N/2E-29DAB(K)	500220	CITY OF PORTLAND	1969	453221	1223504	204	417.0	195.0	205.0	12.0	P	340.0	7.0	1.0	165.5	3/28/89	--	I
								352.0	356.0									
								370.0	416.0									
1N/2E-29DCBD(Q)	900060	NORTHWEST NATURAL GAS	1983	453211	1223508	225	250.0	--	--	8.8	N	--	--	--	--	--/--/--	--	
1N/2E-31BDB(F)	500223	PROVIDENCE MEDICAL CENTER	1962	453143	1223642	210	164.0	136.0	148.0	--	P	360.0	8.0	2.0	121.4	3/30/89	--	D



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Well performance				Water level		Specific conductance	Remarks
								Top	Bottom		Test method	Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
MULTNOMAH COUNTY, OREGON--Continued																		
1N/3E-19BACD1(C)	6237	CITY OF PORTLAND	1980	453336	1222916	23	550.0	369.0	379.0	6.0	P	300.0	22.0	4.0	-11.5(D)	7/29/80	--	
								385.0	390.0									
								397.0	407.0									
								425.0	430.0									
								443.0	453.0									
								468.0	478.0									
								497.0	502.0									
								521.0	526.0									
1N/3E-19BACD2(C)	6238	CITY OF PORTLAND	1980	453336	1222916	23	534.0	369.3	407.3	12.0	F	--	--	--	-11.5(D)	7/15/80	--	G
								428.7	436.0									
	6209		1982				534.0	444.0	523.3	--	P	3000.0	104.0	24.0	2.2	4/ 7/88	--	D
								428.7	436.0									
								444.0	523.3									
1N/3E-19BBCB1(D)	6244	CITY OF PORTLAND	1980	453338	1222937	24	319.0	240.0	250.0	7.7	P	300.0	25.0	4.0	7.8(D)	4/14/80	--	G
								260.0	270.0									
								278.0	288.0									
								297.0	307.0									
1N/3E-19BBCB2(D)	6239	CITY OF PORTLAND	1980	453338	1222937	18	317.0	238.0	286.7	12.0	P	2400.0	145.0	62.0	9.8	4/ 6/89	--	
1N/3E-19BCCD1(E)	6240	CITY OF PORTLAND	1980	453319	1222933	17	340.0	235.0	245.0	6.0	P	300.0	25.0	4.0	5.0(D)	9/10/80	--	G
								257.0	262.0									
								269.0	279.0									
								283.0	288.0									
								307.0	312.0									
								322.0	327.0									
1N/3E-19BCCD2(E)	6241	CITY OF PORTLAND	1980	453319	1222933	17	340.0	243.0	327.0	0.0	P	2430.0	115.0	4.0	4.2	4/ 7/88	--	
	6243		1981				220.0	130.0	193.0	10.0	N	--	--	--	--/--/--	--	--	D
1N/3E-19BDDC1(F)	6234	CITY OF PORTLAND	1981	453321	1222911	24	486.0	380.0	385.0	--	P	370.0	65.0	4.0	-3.5(D)	11/12/81	--	G
								396.0	401.0									
								414.0	419.0									
								428.0	433.0									
								452.0	457.0									
								471.0	476.0									
1N/3E-19BDDC2(F)	6233	CITY OF PORTLAND	1982	453321	1222911	24	490.0	376.0	485.0	--	P	2500.0	71.0	24.0	-3.5(D)	3/22/82	--	
1N/3E-20ADCB1(H)	900193	CITY OF PORTLAND	1978	453323	1222728	23	358.0	288.0	348.0	6.0	P	720.0	55.0	48.0	7.6(D)	1/17/78	--	
1N/3E-20ADCB2(H)	6245	CITY OF PORTLAND	1983	453323	1222728	22	358.0	249.5	250.5	--	P	2500.0	175.0	48.0	10.1	4/ 6/89	--	G
								260.0	339.0									
								344.0	352.0									
1N/3E-20ADD(H)	900258	COUNTY OF MULTNOMAH	--	453321	1222716	20	77.0	--	--	--	N	--	--	--	14.6(D)	9/ 2/77	--	
1N/3E-20BDBB1(F)	6251	CITY OF PORTLAND	1981	453330	1222805	26	450.0	325.0	330.0	--	P	479.0	31.7	4.0	-3.5(D)	6/14/81	--	G
								353.0	358.0									
								366.0	371.0									
								390.0	395.0									
								409.0	414.0									
								426.0	431.0									
								443.0	446.0									
1N/3E-20BDBB2(F)	6259	CITY OF PORTLAND	1981	453330	1222805	26	435.0	325.0	345.0	--	P	2000.0	255.0	48.0	2.5	4/ 6/89	--	
								355.0	375.0									
								380.0	430.0									
1N/3E-20CBDC1(M)	500059	CITY OF PORTLAND	1976	453307	1222817	20	1100.0	--	--	2.0	N	--	--	--	--	--/--/--	--	B G O
1N/3E-20CBDC2(M)	900541		--				180.0	177.0	180.0	2.0	N	--	--	--	7.8	4/ 4/88	--	H T
1N/3E-20CBDC3(M)	900542		--				250.0	247.0	250.0	2.0	N	--	--	--	9.4	4/ 4/88	--	H T
1N/3E-20CBDC4(M)	900543		--				370.0	367.0	370.0	2.0	N	--	--	--	4.6	4/ 4/88	--	H T
1N/3E-20CBDC5(M)	900544		--				490.0	487.0	490.0	2.0	N	--	--	--	4.1	4/ 4/88	--	H T
1N/3E-20CBDC6(M)	900545		--				815.0	812.0	815.0	2.0	N	--	--	--	4.2	4/ 4/88	--	H T
1N/3E-20CBDC7(M)	900546		--				1040.0	1037.0	1040.0	2.0	N	--	--	--	-2.3	4/ 4/88	--	H T
1N/3E-20CCC1(N)	6254	ROCKWOOD WATER DISTRICT	1981	453255	1222824	15	490.0	232.0	250.0	--	P	1400.0	174.0	24.0	--	4/11/89	--	
								262.0	270.0									
								280.0	290.0									
								405.0	435.0									
								445.0	450.0									
								465.0	475.0									
1N/3E-20CCAB1(N)	6252	CITY OF PORTLAND	1977	453304	1222817	25	449.0	339.0	356.0	6.0	N	--	--	--	-1.2(D)	7/22/77	--	G
								361.0	366.0									
								368.0	379.0									
								384.0	393.0									
								398.0	405.0									
								412.0	438.0									
1N/3E-20CCAB2(N)	6253	CITY OF PORTLAND	1977	453304	1222817	24	278.0	176.6	278.0	6.0	P	710.0	71.0	30.0	5.0(D)	8/29/77	--	
1N/3E-20CCAB3(N)	900195	CITY OF PORTLAND	1981	453304	1222816	20	448.0	345.0	440.0	24.0	P	2500.0	266.0	72.0	-0.1	4/ 6/89	--	G
1N/3E-20CCD2(N)	6255	ROCKWOOD WATER DISTRICT	1980	453254	1222819	18	498.0	240.0	270.0	--	P	2000.0	143.0	24.0	102.0	3/16/87	155	G
								345.0	405.0									
								440.0	450.0									
								470.0	490.0									
1N/3E-21ACAB1(G)	6269	CITY OF PORTLAND	1982	453331	1222623	42	281.0	--	--	--	N	--	--	--	--	--/--/--	--	G O
1N/3E-21ACAB2(G)	900559		--				94.0	91.0	94.0	2.0	N	--	--	--	32.6	6/10/88	--	D T
1N/3E-21ACAB3(G)	900560		--				180.0	177.0	180.0	2.0	N	--	--	--	31.5	6/10/88	--	D T
1N/3E-21ACAB4(G)	900561		--				278.0	275.0	278.0	2.0	N	--	--	--	31.1	6/10/88	--	D T
1N/3E-21ACBB1(G)	6265	CITY OF PORTLAND	1983	453330	1222634	25	165.0	80.0	130.0	--	P	10000.0	25.0	24.0	17.5	4/ 6/89	--	
								135.0	160.0									
1N/3E-21ACC(G)	900259	COUNTY OF MULTNOMAH	1952	453323	1222629	16	52.0	--	--	12.0	P	1050.0	7.0	--	8.6	9/ 2/77	--	
1N/3E-21ACD1(G)	6267	CITY OF PORTLAND	1982	453321	1222630	17	233.0	--	--	--	N	--	--	--	--	--/--/--	--	G O
1N/3E-21ACD2(G)	900562		--				28.0	25.0	28.0	1.5	N	--	--	--	--	--/--/--	--	D T
1N/3E-21ACD3(G)	900563		--				93.0	90.0	93.0	1.5	N	--	--	--	--	--/--/--	--	D T
1N/3E-21ACD4(G)	900564		--				174.0	171.0	174.0	1.5	N	--	--	--	--	--/--/--	--	D T
1N/3E-21ACD5(G)	900565		--				233.0	230.0	233.0	1.5	N	--	--	--	--	--/--/--	--	D T
1N/3E-21ADAA1(H)	900260	CITY OF PORTLAND	1978	453332	1222602	25	90.0	--	--	--	N	--	--	--	--	--/--/--	--	
1N/3E-21ADBC1(H)	6266	CITY OF PORTLAND	1983	453329	1222618	17	245.0	221.0	231.0	8.0	P	400.0	2.5	4.0	0.8(D)	5/10/83	--	
1N/3E-21ADBC2(H)	6262	CITY OF PORTLAND	1983	453328	1222617	16	193.0	88.0	96.0	--	P	8500.0	72.2	24.0	11.5	4/ 6/89	--	
								103.0	116.0									
								124.0	141.0									
								141.0	190.0									
1N/3E-21ADDC1(H)	900261	CITY OF PORTLAND	1978	453320	1222604	19	19.0	16.0	19.0	--	N	--	--	--	5.0	5/29/85	--	
1N/3E-21BCCB1(E)	6272	CITY OF PORTLAND	1983	453328	1222708	25	120.0	67.0	70.0	--	P	400.0	1.8	4.0	10.5(D)	4/27/83	--	
								77.0	87.0									
								93.0	99.0									
								104.0	112.0									
1N/3E-21BCCB2(E)	6263	CITY OF PORTLAND	1984	453328	1222708	26	118.0	55.0	84.0	--	P	8000.0	22.0	14.0	13.4	4/ 6/89	--	
								103.0	113.0									
1N/3E-21BCC(E)	900262	COUNTY OF MULTNOMAH	--	453326	1222706	24	80.0	--</										



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
MULTNOMAH COUNTY, OREGON--Continued																		
1N/3E-21BDBA1(F)	6271 CITY OF PORTLAND	1982 453330 1222649	28	195.0		52.0	62.0	--			P	500.0	4.1	3.0	14.0(D)	7/13/82	--	G
							85.0	90.0										
							116.0	126.0										
							152.0	162.0										
							183.0	193.0										
1N/3E-21BDBA2(F)	6264 CITY OF PORTLAND	1983 453330 1222649	28	169.0		85.0	165.0	--			P	10000.0	24.0	75.0	18.6	4/ 6/89	--	
1N/3E-21BDC(F)	900263 COUNTY OF MULTNOMAH	1927 453322 1222646	22	65.0		65.0	65.0	8.0			N	--	--	--	8.0(D)	9/ 7/77	215	
1N/3E-21CABA1(L)	900264 COUNTY OF MULTNOMAH	-- 453316 1222647	17	105.0		--	--	--			N	--	--	--	11.8(D)	9/ 2/77	200	
1N/3E-21CADD1(L)	900265 CITY OF PORTLAND	1981 453307 1222638	32	40.0		--	--	--			N	--	--	--	18.8	6/25/85	--	
1N/3E-21CBDD1(M)	6273 N.B. WELSH	1967 453307 1222707	21	261.0		260.0	261.0	8.0			P	130.0	35.0	4.0	8.5	3/28/89	165	
1N/3E-21CBDD2(M)	900266 CITY OF PORTLAND	1981 453309 1222708	45	50.0		--	--	--			N	--	--	--	--	--	--	
1N/3E-21DABB1(J)	900267 BLUE LAKE WATER COOP	1970 453317 1222617	21	70.0		70.0	70.0	--			N	--	--	--	15.5	4/ 6/88	270	
1N/3E-21DACB1(J)	900272 ROBERT SCHLOREDT	-- 453312 1222617	22	50.0		--	--	--	6.0		N	--	--	--	--	--	--	
1N/3E-21DBBB1(K)	6268 CITY OF PORTLAND	1982 453317 1222632	30	322.0		--	--	--			N	--	--	--	--	--	--	
1N/3E-21DBBB6(K)	900537	--	--	--		30.0	27.0	30.0	2.0		N	--	--	--	0.0	3/31/88	--	D T
1N/3E-21DBBB3(K)	900538	--	--	--		125.0	122.0	125.0	2.0		N	--	--	--	29.2	3/31/88	--	D T
1N/3E-21DBBB4(K)	900539	--	--	--		223.0	220.0	223.0	2.0		N	--	--	--	25.7	3/31/88	--	D T
1N/3E-21DBBB5(K)	900540	--	--	--		320.0	317.0	320.0	2.0		N	--	--	--	21.9	3/31/88	--	D T
1N/3E-21DBBB2(K)	900268 CITY OF PORTLAND	1982 453317 1222634	17	34.0		--	--	--			N	--	--	--	--	--	--	
1N/3E-21DBBC1(K)	900269 CITY OF PORTLAND	1982 453316 1222634	20	55.0		--	--	--			N	--	--	--	--	--	--	
1N/3E-21DBCC1(K)	900271 INTERLACHEN INC.	1941 453306 1222634	17	109.0		109.0	109.0	8.0			P	30.0	59.0	--	11.0(D)	1/ 1/41	145	
1N/3E-21DBCC2(K)	6274 INTERLACHEN INC.	1967 453307 1222634	14	226.0		201.0	216.0	10.0			P	200.0	18.0	8.0	10.0(D)	10/12/67	180	
						220.0	226.0	--										
1N/3E-21DBDC(K)	900270 DONALD TUTTLE	1947 453309 1222625	32	44.0		--	--	--			N	--	--	--	24.4(D)	9/ 8/77	280	
1N/3E-21DDC(K)	6278 COLUMBIA ACRES	1956 453259 1222608	10	265.0		200.0	265.0	--			P	1500.0	100.0	4.0	0.0(D)	5/ 1/56	--	
1N/3E-22BBCA1(D)	900274 JAMES RIVER CORPORATION	-- 453336 1222552	27	96.0		--	--	--	6.0		N	--	--	--	31.1(D)	9/ 8/77	315	
1N/3E-23ACCA1(G)	900460 REYNOLDS METALS COMPANY	1942 453325 1222359	26	268.0		251.0	263.0	10.0			P	400.0	20.0	--	16.0(D)	2/ 1/42	--	C
1N/3E-23ACDA1(G)	900461 REYNOLDS METALS COMPANY	1942 453324 1222353	28	281.0		253.0	264.0	12.0			N	--	--	--	13.0(D)	6/ 1/42	--	C
1N/3E-23ACDC1(G)	900467 REYNOLDS METALS COMPANY	1949 453322 1222356	28	180.0		155.0	180.0	20.0			N	--	--	--	21.0(D)	7/ 1/49	--	C
1N/3E-23ACDC2(G)	900468 REYNOLDS METALS COMPANY	1955 453320 1222356	28	584.0		440.0	482.0	20.0			P	1100.0	48.0	--	78.0(D)	8/ 1/49	--	C D
						522.0	530.0	--										
						538.0	558.0	--										
1N/3E-23ACDD1(G)	900469 REYNOLDS METALS COMPANY	1955 453320 1222352	28	592.0		417.0	434.0	20.0			P	1500.0	30.0	--	45.0(D)	2/16/55	--	C D G
						502.0	533.0	--										
						541.0	592.0	--										
1N/3E-23ADCA1(H)	900462 REYNOLDS METALS COMPANY	1942 453323 1222345	28	190.0		170.0	180.0	12.0			P	1300.0	24.0	--	16.0(D)	8/ 3/42	--	C
1N/3E-23ADCA2(H)	900466 REYNOLDS METALS COMPANY	1952 453323 1222342	28	248.0		158.0	174.0	18.0			N	--	--	--	39.0(D)	1/ 1/52	--	C
						195.0	206.0	--										
						210.0	218.0	--										
						235.0	242.0	--										
1N/3E-23ADCB1(H)	900463 REYNOLDS METALS COMPANY	1943 453325 1222345	28	277.0		160.0	180.0	16.0			N	--	--	--	12.0(D)	4/ 1/43	--	C
						182.0	187.0	--										
						248.0	253.0	--										
1N/3E-23ADCB2(H)	900464 REYNOLDS METALS COMPANY	1952 453323 1222347	28	279.0		190.0	210.0	24.0			N	--	--	--	--	--	--	
						267.0	276.0	--										
1N/3E-23ADCD1(H)	900465 REYNOLDS METALS COMPANY	1952 453320 1222344	28	254.0		223.0	230.0	18.0			N	--	--	--	28.0(D)	3/ 1/52	--	C
						232.0	246.0	--										
1N/3E-23BDCA(F)	6282 REYNOLDS METALS COMPANY	1967 453325 1222419	22	279.0		151.0	192.0	16.0			P	545.0	11.0	1.0	16.0(D)	10/27/67	--	C
						256.0	269.0	--										
1N/3E-23BDDA1(F)	900459 REYNOLDS METALS COMPANY	1942 453325 1222409	25	282.0		265.0	277.0	12.0			P	750.0	30.0	--	10.0(D)	5/ 1/42	--	C
1N/3E-23CAAD1(L)	6284 REYNOLDS METALS COMPANY	1969 453314 1222410	20	310.0		280.0	300.0	--			P	1090.0	25.0	12.0	20.0(D)	8/26/69	--	C
1N/3E-23DABA1	900473 REYNOLDS METALS COMPANY	1953 453318 1222343	27	275.0		255.0	273.0	26.0			P	1350.0	51.0	10.0	--	--	--	
1N/3E-23DABC1(J)	6283 REYNOLDS METALS COMPANY	1970 453313 1222346	28	270.0		148.0	189.0	--			P	1090.0	35.0	11.0	14.0(D)	6/ 8/70	--	C
						229.0	260.0	--										
1N/3E-23DAB1(K)	900470 REYNOLDS METALS COMPANY	1954 453317 1222355	26	584.0		512.0	518.0	20.0			P	1475.0	101.0	--	39.0	3/22/54	--	C D
						522.0	538.0	--										
						544.0	555.0	--										
						563.0	578.0	--										
1N/3E-23DBAD1	900471 REYNOLDS METALS COMPANY	1949 453316 1222353	27	195.0		143.0	190.0	20.0			N	--	--	--	--	--	--	
1N/3E-23DBAD2	900472 REYNOLDS METALS COMPANY	1949 453316 1222351	28	195.0		150.0	189.0	20.0			N	--	--	--	--	--	--	
1N/3E-25ADCB(H)	500015 STATE OF OREGON	1966 453231 1222233	48	85.0		58.5	83.0	6.0			P	50.0	38.0	8.0	25.0(D)	7/25/66	177	I
1N/3E-25CBCT1(M)	500014 CITY OF TROUTDALE	1980 453218 1222325	135	571.0		493.0	498.0	16.0			P	590.0	52.0	24.0	115.5	3/28/89	620	
						508.0	513.0	--										
						523.0	528.0	--										
						538.0	553.0	--										
						553.0	558.0	--										
1N/3E-26BDDA(F)	500016 COUNTY OF MULTNOMAH	1969 453231 1222411	78	200.0		175.0	200.0	--			P	140.0	20.0	10.0	43.4	3/30/89	--	I
1N/3E-27BBCD(D)	500062 NORTHWEST NATURAL GAS	1968 453241 1222556	20	405.0		--	--	--	10.0		N	--	--	--	--	--	--	
1N/3E-27CBAA(M)	500019 CITY OF FAIRVIEW	1977 453224 1222545	110	390.0		155.0	162.0	10.0			P	370.0	45.0	38.0	89.3	3/27/89	--	
						170.0	196.0	--										
1N/3E-27CBB1(M)	500021 CITY OF FAIRVIEW	1973 453224 1222557	120	360.0		270.0	290.0	16.0			P	324.0	53.0	6.0	106.2	3/27/89	211	
						330.0	340.0	--										
						341.0	355.0	--										
1N/3E-27CBB2(M)	500020 CITY OF FAIRVIEW	1956 453224 1222558	120	1060.0		320.0	340.0	12.0			N	--	--	--	104.2	3/27/89	214	
1N/3E-27DACC1(J)	500017 CITY OF WOOD VILLAGE	1980 453216 1222503	133	300.0		200.0	230.0	12.0			P	250.0	20.0	0.5	122.7	4/ 4/89	--	G
						245.0	255.0	--										
						270.0	280.0	--										
1N/3E-28ABCD1(B)	500027 RALPH WATERS	1950 453242 1222631	51	92.0		65.0	69.0	12.0			P	400.0	36.0	8.0	42.3	3/31/89	--	I
						78.0	90.0	--										
1N/3E-28BBCC1(D)	500028 WIL-O-DEL	1959 453243 1222711	80	368.0		354.0	368.0	10.0			P	450.0	62.0	4.0	55.7	3/19/87	--	C
1N/3E-28CBAB1(M)	500029 JAY HOYT	1964 453225 1222702	110	190.0		140.0	190.0	8.0			B	60.0	37.0	5.0	100.6	3/31/89	--	
1N/3E-28DCCD(Q)	500022 CITY OF FAIRVIEW	1963 453203 1222623	185	355.0		105.0	115.0	16.0			P	325.0	124.0	8.0	99.9	3/27/89	--	
						135.0	152.0	--										
						194.0	205.0	--										
						289.0	295.0	--										
						335.0	350.0	--										
1N/3E-29AAAC(A)	900449 CITY OF GRESHAM	-- 453249 1222721	70	103.0		103.0	103.0	6.0			P	44.0	2.0	48.0	57.3	4/ 4/88	--	C O
1N/3E-29ADDA(A)	6321 HOWARD ANGELL	1971 453246 1222715</																



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
MULTNOMAH COUNTY, OREGON--Continued																		
1N/3E-30DADD1(J)	500033	JOHN DEERE COMPANY	1964	453215	1222829	184	389.0	122.0	127.0	--	P	305.0	140.0	24.0	100.0	8/22/86	--	
								150.0	164.0									
								187.0	207.0									
								228.0	242.0									
								248.0	255.0									
								289.0	296.0									
1N/3E-31CD0D1(P)	500073	CITY OF PORTLAND	1976	453110	1222917	253	1000.0	--	--	--	N	--	--	--	--	--/--/--	--	B G O
1N/3E-31CD0D2(P)	900515		--	--	--	--	161.0	158.0	161.0	2.0	N	--	--	--	--	60.1	3/31/88	-- H T
1N/3E-31CD0D3(P)	900516		--	--	--	--	322.0	319.0	322.0	2.0	N	--	--	--	--	92.9	3/31/88	-- H T
1N/3E-31CD0D4(P)	900517		--	--	--	--	395.0	392.0	395.0	2.0	N	--	--	--	--	92.9	3/31/88	-- H T
1N/3E-31CD0D5(P)	900518		--	--	--	--	568.0	565.0	568.0	2.0	N	--	--	--	--	208.5	3/31/88	-- H T
1N/3E-31CD0D6(P)	900519		--	--	--	--	965.0	962.0	965.0	2.0	N	--	--	--	--	236.6	3/31/88	-- H T
1N/3E-31DDAB(R)	500063	NORTHWEST NATURAL GAS	1975	453122	1222834	248	400.0	--	--	10.0	N	--	--	--	--	--/--/--	--	
1N/3E-33ADDA1(H)	500070	CITY OF PORTLAND	1976	453141	1222602	197	1128.0	--	--	--	N	--	--	--	--	35.0(D)	5/28/85	-- B G O
1N/3E-33ADDA2(H)	900547		--	--	--	--	141.0	138.0	141.0	2.0	N	--	--	--	--	32.8	3/31/88	-- H T
1N/3E-33ADDA3(H)	900548		--	--	--	--	277.0	274.0	277.0	2.0	N	--	--	--	--	150.1	3/31/88	-- H T
1N/3E-33ADDA4(H)	900549		--	--	--	--	379.0	376.0	379.0	2.0	N	--	--	--	--	120.9	3/31/88	-- H T
1N/3E-33ADDA5(H)	900550		--	--	--	--	569.0	566.0	569.0	2.0	N	--	--	--	--	181.3	3/31/88	-- H T
1N/3E-33ADDA6(H)	900551		--	--	--	--	679.0	676.0	679.0	2.0	N	--	--	--	--	182.4	3/31/88	-- H T
1N/3E-33ADDA7(H)	900552		--	--	--	--	1110.0	1107.0	1110.0	2.0	N	--	--	--	--	182.9	3/31/88	-- H T
1N/3E-33B8CA1(D)	500026	REYNOLDS SCHOOL DISTRICT	1957	453154	1222707	200	305.0	205.0	226.0	10.0	P	110.0	--	3.0	90.0(D)	12/ 4/57	--	
1N/3E-34AAB(A)	500018	CITY OF WOOD VILLAGE	1942	453155	1222502	170	360.0	170.0	180.0	10.0	P	200.0	100.0	--	93.0	3/ 3/87	189	
								284.0	294.0									
								340.0	355.0									
1N/3E-34B8DD1(D)	500023	MULTNOMAH KENNEL CLUB	1956	453150	1222542	176	405.0	276.0	376.0	12.0	P	350.0	73.0	--	131.5	3/31/89	--	I
1N/3E-34CCDD1(N)	500024	CARL ZIMMERMAN	1944	453111	1222554	325	132.0	126.0	126.0	8.0	P	30.0	0.0	1.0	85.0(D)	1/ 1/44	--	C
1N/3E-35ACAD1(G)	500002	CITY OF TROUTDALE	1979	453143	1222353	312	550.0	510.0	530.0	12.0	P	500.0	101.0	8.0	292.1	3/28/89	--	
								535.0	545.0									
1N/3E-35ACB(G)	6343	REYNOLDS SCHOOL DIST #7	1977	453145	1222402	315	362.0	321.0	326.0	10.0	P	100.0	28.0	4.0	238.0(D)	2/17/77	--	
								330.0	340.0									
								344.0	356.0									
1N/3E-35B8B(F)	500013	CITY OF WOOD VILLAGE	1970	453141	1222423	340	458.0	439.0	449.0	12.0	P	313.0	83.0	24.0	329.9	4/ 4/89	214	
1N/3E-35CCD1(N)	500001	CITY OF TROUTDALE	1976	453111	1222431	357	485.0	450.0	480.0	9.5	P	350.0	79.0	11.0	274.0	3/ 5/87	--	
1N/3E-36B8CB1(D)	500006	DOUGLAS CEMETERY	1959	453152	1222329	292	552.0	170.0	173.0	12.0	P	330.0	5.0	1.0	196.0(D)	7/22/59	--	I
								296.0	299.0									
								449.0	451.0									
								464.0	468.0									
1N/3E-36CBA1(M)	500004	CITY OF TROUTDALE	1981	453132	1222317	250	24.0	8.0	14.0	6.0	B	10.0	2.0	1.0	8.5	3/10/87	--	
								14.0	24.0									
1N/3E-36CCA1(N)	500000	CITY OF TROUTDALE	1978	453120	1222316	225	354.0	340.0	350.0	8.0	P	300.0	93.0	12.0	204.4	3/28/89	--	
1N/3E-36CCA2(N)	500003	CITY OF TROUTDALE	1961	453120	1222315	230	591.0	180.0	183.0	10.0	P	300.0	2.5	2.0	166.0(D)	11/ 9/61	--	I
								200.0	205.0									
								250.0	255.0									
								343.0	352.0									
								541.5	591.0									
1N/3E-36DDBB1(R)	500005	CITY OF TROUTDALE	1980	453119	1222232	190	537.0	--	--	12.0	P	1000.0	40.0	17.0	169.9	3/28/89	--	
1S/1E-1ABC(B)	7065	CARNATION DAIRIES	1947	453101	1223745	151	200.0	174.0	185.0	14.0	N	--	--	--	--	89.2	3/31/89	217 C
1S/1E-1BAA(C)	7066	MT. ST. JOSEPH NURSING HOME	1983	453108	1223755	152	192.0	192.0	192.0	8.0	A	120.0	--	2.0	92.1	3/28/88	232	B H I O
1S/1E-1CCD(N)	7064	SHANGHAI COMPANY	1984	453018	1223806	120	180.0	130.0	155.0	8.0	P	215.0	73.0	6.0	60.4	3/31/89	251	I
								179.0	180.0									
1S/1E-2ABD(B)	7061	U.S. WEST COMMUNICATIONS	1965	453101	1223849	111	212.0	165.0	171.0	--	P	170.0	70.0	8.0	70.0(D)	1/15/65	--	
								175.0	185.0									
								193.0	200.0									
1S/1E-2BCAD(E)	900342	NORTHWEST NATURAL GAS	1985	453050	1223923	40	400.0	--	--	8.8	N	--	--	--	--	--/--/--	--	
1S/1E-2BCC(E)	900252	MAINLANDER	1944	453050	1223929	52	385.0	45.0	50.0	14.0	P	500.0	17.0	1.0	--	--/--/--	--	C
								168.0	175.0									
								285.0	295.0									
								307.0	385.0									
1S/1E-3B8AC(D)	6465	PACIFIC FIRST FEDERAL SAVINGS & LOAN	--	453106	1224040	58	368.0	230.0	237.0	14.0	P	500.0	140.0	--	56.8	3/ 9/64	--	C O
								264.0	368.0									
1S/1E-3B8AD(D)	900451	CAPITOL BUILDING	--	453106	1224038	50	765.0	386.0	765.0	16.0	P	750.0	206.0	--	43.0	3/ 6/86	--	C H O
1S/1E-3B8B(D)	900083	U.S. WEST COMMUNICATIONS	1986	453105	1224045	70	400.0	--	--	--	N	--	--	--	--	--/--/--	--	
	6467	EQUITABLE SAVINGS & LOAN	1963	453053	1224043	85	228.0	221.0	228.0	16.0	P	520.0	98.0	8.0	75.4	6/23/88	--	
1S/1E-3B8CD2(E)	6468	CITY OF PORTLAND	1965	453044	1224037	80	317.0	205.0	221.0	12.0	P	600.0	90.0	2.0	--	--/--/--	--	C
								246.0	264.0									
								293.0	299.0									
1S/1E-3CBCA(M)	6469	U.S. WEST COMMUNICATIONS	1962	453037	1224044	130	240.0	224.0	240.0	16.0	P	440.0	90.0	24.0	129.0	3/ 6/80	--	C H O
1S/1E-3CCAD(N)	900343	NORTHWEST NATURAL GAS	1985	453027	1224037	118	400.0	--	--	8.8	N	--	--	--	--	--/--/--	--	
1S/1E-4AAA1(A)	6474	MEDICAL-DENTAL BUILDING	1958	453109	1224057	110	772.0	558.0	772.0	12.0	P	500.0	52.0	12.0	--	--/--/--	--	C
1S/1E-4AAA2(A)	6482	MEDICAL-DENTAL BUILDING	1959	453109	1224057	110	193.0	151.0	175.0	12.0	P	600.0	32.0	20.0	--	--/--/--	--	
1S/1E-4ADDH(H)	6477	PORTLAND STATE UNIVERSITY	1968	453047	1224055	140</												



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
							Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
MULTNOMAH COUNTY, OREGON--Continued																	
1S/2E-3BAC(C)	500232	DAVID DOUGLAS SCHOOL DISTRICT	1965	453100	1223304	261	228.0	127.0	136.0	--	P	300.0	9.0	4.0	117.0(D)	6/30/65	-- I
								195.0	206.0								
1S/2E-5CCA(N)	900486	CITY OF PORTLAND	1980	453037	1223500	315	397.0	--	--	10.0	N	--	--	--	30.0(D)	8/ 8/80	--
1S/2E-5DBA(K)	900485	CITY OF PORTLAND	1979	453027	1223536	282	473.0	--	--	10.0	N	--	--	--	60.0(D)	6/ 5/79	--
1S/2E-7AAC(C)	500235	NORTHWEST NATURAL GAS	1969	453006	1223611	223	400.0	--	--	--	N	--	--	--	--	--/--	--
1S/2E-8ADC(H)	900477	FLEMING CORPORATION	1988	452956	1223449	238	380.0	355.0	375.0	14.0	A	300.0	--	--	126.0(D)	2/29/88	-- I
1S/2E-8DAB(J)	900487	CITY OF PORTLAND	--	452951	1223456	232	500.0	--	--	10.0	N	--	--	--	40.0(D)	8/ 5/82	--
1S/2E-9DAB(J)	900488	CITY OF PORTLAND	--	452947	1223337	295	500.0	--	--	10.0	N	--	--	--	20.0(D)	8/ 2/82	--
1S/2E-10BAC(C)	500233	CITY OF PORTLAND	--	453002	1223309	485	572.0	335.0	340.0	10.0	P	20.0	110.0	10.0	314.2	3/31/88	-- B G H O
								348.0	355.0								
								430.0	440.0								
								547.0	551.0								
								605.0	612.0								
								614.0	618.0								
1S/2E-11CAA(L)	500238	CORA LEIDKE	1975	452944	1223139	228	58.0	58.0	58.0	6.0	P	42.0	23.0	1.0	43.9	3/29/88	--
1S/2E-11DAC1(J)	500236	GILBERT WATER DISTRICT	1963	452938	1223110	222	104.0	65.0	74.0	12.0	P	765.0	4.0	24.0	41.9	4/ 3/89	204
								75.0	85.0								
1S/2E-11DAC2(J)	500237	GILBERT WATER DISTRICT	1963	452937	1223110	222	412.0	192.0	196.0	12.0	P	550.0	159.0	8.0	40.0(D)	3/13/63	243
								210.0	215.0								
								275.0	278.0								
								285.0	291.0								
1S/2E-11DDC(R)	500239	HARRIS	1986	452925	1223111	205	60.0	30.0	50.0	--	A	15.0	--	1.0	13.7	6/ 9/87	170
1S/2E-12ACB(G)	500240	MILDRED MILLER	1939	452958	1223011	238	94.0	30.0	90.5	8.0	P	40.0	7.0	1.0	60.0(D)	1/ 1/39	--
1S/2E-12BDD(F)	900489	CITY OF PORTLAND	1980	452951	1223027	228	472.0	--	--	10.0	N	--	--	--	40.0(D)	8/14/80	--
1S/2E-12DAA(J)	900490	CITY OF PORTLAND	1980	452947	1222944	255	453.0	--	--	10.0	N	--	--	--	30.0(D)	8/22/80	--
1S/2E-13CDA1(P)	800508	U.S. GEOLOGICAL SURVEY	1987	452839	1223022	241	17.0	11.8	16.8	2.0	N	--	--	--	9.5	3/ 1/89	-- B H O
1S/2E-13CDA2(P)	800507	U.S. GEOLOGICAL SURVEY	1987	452839	1223022	241	54.0	48.7	53.7	2.0	N	--	--	--	24.5	3/ 1/89	-- B H O
1S/2E-13DDB(R)	500241	HAROLD ELLINGSON	1963	452841	1222953	255	136.0	125.0	135.0	6.0	P	15.0	32.0	3.0	13.5	3/12/63	--
1S/2E-14ABC(B)	500243	ALLEN GOODALL	1970	452911	1223128	220	59.0	50.0	58.0	6.0	B	24.0	0.0	--	42.1	3/30/88	--
1S/2E-14CDB(M)	500251	NORTHWEST NATURAL GAS	1981	452851	1223210	211	195.0	--	--	8.8	N	--	--	--	--/--	--	
1S/2E-14DDA(R)	500242	DORMAN BLAZER	1986	452845	1223057	255	50.0	30.0	40.0	--	A	30.0	--	1.0	13.2	3/30/88	180
1S/2E-15BDB(K)	500244	F.V. WETTER	1981	452849	1223234	211	35.0	30.0	35.0	6.0	B	20.0	0.0	2.0	29.0(D)	4/ 1/81	212
1S/2E-18DCD(Q)	500245	APOSTOLIC FAITH CHURCH	1983	452837	1223617	249	275.0	225.0	265.0	10.0	A	250.0	--	6.0	135.6	3/31/88	-- B H I O
1S/2E-19CCD(N)	500252	NORTHWEST NATURAL GAS	1977	452743	1223654	95	307.0	--	--	--	N	--	--	--	--	--/--	--
1S/2E-19CCD1(P)	500246	PRECISION CASTPARTS CORPORATION	1957	452745	1223645	100	105.0	--	--	8.0	P	120.0	15.0	6.0	8.0(D)	6/21/57	--
1S/2E-19CCD2(P)	500247	PRECISION CASTPARTS CORPORATION	1963	452743	1223643	100	205.0	55.0	60.0	10.0	P	150.0	20.0	4.0	17.5	4/ 4/89	-- C
								90.0	102.0								
								153.0	160.0								
								175.0	190.0								
1S/2E-19CCD3(P)	500248	PRECISION CASTPARTS CORPORATION	1967	452743	1223646	100	283.0	70.0	76.0	14.0	P	275.0	34.0	7.0	18.0(D)	4/10/67	-- C
								125.0	132.0								
								180.0	187.0								
								189.0	197.0								
1S/2E-21ACC(G)	900357	NORTHWEST NATURAL GAS	--	452811	1223401	200	400.0	--	--	--	N	--	--	--	--/--	--	
1S/2E-21CCA1(N)	500255	W.J. ROBINSON	1971	452749	1223429	195	42.0	41.5	41.5	6.0	B	20.0	8.0	1.0	21.3	3/30/88	-- B H O
1S/2E-22ABC(B)	500250	C. FLEMLEY	1973	452824	1223245	235	218.0	120.0	210.0	--	B	25.0	4.0	1.0	66.0(D)	8/10/73	195
1S/2E-22CCC(N)	500249	LINCOLN MEMORIAL CEMETERY	1953	452746	1223318	400	525.0	525.0	525.0	10.0	P	260.0	65.0	--	277.2	4/ 4/89	-- I
1S/2E-22DDD(R)	500253	WILLAMETTE NATIONAL CEMETERY	1967	452744	1223219	800	902.0	669.0	669.0	12.0	P	100.0	10.0	12.0	569.2	2/ 2/88	-- B G H I O
1S/2E-23DBB(K)	500254	PAUL SHROCK	1963	452801	1223132	400	257.0	205.0	256.0	4.0	B	10.0	2.0	1.0	211.0(D)	2/16/63	--
1S/2E-24DDC(R)	500256	JOHN HUNT	--	452742	1223000	458	210.0	110.0	210.0	--	N	--	--	--	175.9	3/30/88	-- O
1S/3E-1ABC(B)	500007	CITY OF TROUTDALE	1981	453058	1222245	235	545.0	422.0	462.0	--	N	--	--	--	209.2	3/28/89	-- G
								467.0	477.0								
								482.0	492.0								
								497.0	507.0								
								512.0	522.0								
								527.0	532.0								
1S/3E-18DC(F)	500064	NORTHWEST NATURAL GAS	1977	453047	1222310	280	300.0	--	--	10.0	N	--	--	--	--/--	--	
1S/3E-18DC2(F)	6608	NORTHWEST NATURAL GAS	1986	453047	1222310	280	--	--	--	--	N	--	--	--	--/--	--	
1S/3E-1DAC(J)	500008	EDWARD W. DAVIS	1952	453036	1222230	270	450.0	310.0	325.0	8.0	P	180.0	10.0	2.0	220.7	3/11/87	-- I
1S/3E-1DBA(K)	500009	ASAKAWA FARMS	1961	453038	1222236	283	350.0	170.0	176.0	10.0	P	180.0	28.0	6.0	225.0	3/29/88	-- I
								190.0	206.0								
								250.0	270.0								
								290.0	300.0								
								338.0	345.0								
1S/3E-2CAB(L)	500012	GRESHAM GOLF & COUNTRY CLUB	1965	453039	1222427	318	300.0	164.0	169.0	10.0	P	250.0	34.0	7.0	87.2	3/28/88	-- I
								189.0	193.0								
								243.0	247.0								
								250.0	255.0								
								267.0	271.0								
								288.0	294.0								
1S/3E-3CCA(N)	500025	GRESHAM UNION HIGH SCHOOL DISTRICT	1971	453024	1222542	310	375.0	262.0	270.0	12.0	P	300.0	70.0	9.0	92.0(D)	2/19/71	-- C
								341.0	348.0								
								353.0	358.0								
								362.0	369.0								
1S/3E-3DDDD(R)	500																



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
MULTNOMAH COUNTY, OREGON--Continued																		
1S/3E-7CBC(M)	500111	WAYNE ADAMS	1962	452937	1222938	275	341.0	95.0	100.0	12.0	P	133.0	39.0	3.0	66.9	3/29/88	--	I
								190.0	195.0									
								215.0	225.0									
								285.0	295.0									
								315.0	320.0									
1S/3E-7CCA(N)	500110	WAYNE ADAMS	1950	452935	1222930	288	261.0	230.0	235.0	--	P	300.0	46.0	1.0	79.8	3/29/88	--	H I O
								239.0	243.0									
								248.0	259.0									
1S/3E-8CCBC(N)	500112	MEMORIAL BAPTIST CHURCH	1985	452931	1222825	310	125.0	85.0	125.0	6.0	A	25.0	--	4.0	62.3	3/29/88	--	C
1S/3E-8DAA(J)	900491	CITY OF PORTLAND	1980	452949	1222720	325	455.0	--	--	10.0	N	--	--	--	30.0(D)	9/ 2/80	--	
1S/3E-9BAD(C)	500109	ANN SZETO	1974	453007	1222638	415	204.0	201.0	201.0	6.0	B	20.0	4.0	2.0	164.5	3/29/88	225	B H O
1S/3E-9CBA(M)	900492	CITY OF PORTLAND	--	452949	1222659	365	480.0	--	--	10.0	N	--	--	--	10.0(D)	8/11/82	--	
1S/3E-9DBB(K)	900493	CITY OF PORTLAND	--	452949	1222635	358	510.0	--	--	10.0	N	--	--	--	--/--/--	--	--	
1S/3E-10AAD(A)	500011	PORTLAND GENERAL ELECTRIC COMPANY	1962	453006	1222450	345	547.0	198.0	224.0	10.0	P	200.0	82.0	4.0	108.0(D)	12/ 5/62	--	
								238.0	241.0									
1S/3E-10CCA(N)	500113	FOREST LAWN MEMORIAL PARK	1959	452936	1222547	355	715.0	235.0	242.0	16.0	P	303.0	40.0	1.0	93.8	3/29/88	--	H I O
								360.0	365.0									
								415.0	420.0									
								628.0	697.0									
1S/3E-11CDA(P)	900494	CITY OF PORTLAND	1979	452936	1222411	395	473.0	--	--	10.0	N	--	--	--	50.0(D)	6/13/79	--	
1S/3E-11DDB(R)	500114	GRESHAM GRADE SCHOOL DISTRICT	1978	452935	1222344	440	360.0	150.0	160.0	--	P	102.0	30.0	3.0	94.6	3/30/88	--	I
								200.0	210.0									
								240.0	250.0									
								295.0	305.0									
								345.0	357.0									
1S/3E-12BBB(D)	500010	E.A. ARRINGTON	--	453009	1222318	400	140.0	--	--	6.0	N	--	--	--	115.5(D)	8/15/55	--	
1S/3E-12CDB(P)	500115	GRESHAM GRADE SCHOOL DISTRICT	1965	452930	1222254	493	283.0	227.0	246.0	--	P	90.0	11.0	1.0	132.0(D)	4/20/65	--	C
								254.0	258.0									
								266.0	271.0									
1S/3E-13ADA(H)	900497	CITY OF PORTLAND	1977	452911	1222219	495	445.0	--	--	10.0	N	--	--	--	--/--/--	--	--	
1S/3E-13BAC(C)	900496	CITY OF PORTLAND	--	452918	1222303	422	460.0	--	--	10.0	N	--	--	--	60.0(D)	8/18/82	--	
1S/3E-13BBB(D)	900495	CITY OF PORTLAND	1979	452924	1222326	425	433.0	--	--	10.0	N	--	--	--	50.0(D)	6/20/79	--	
1S/3E-13BCC(F)	500116	MOSSY TREE PARK OWNERS' ASSOCIATION	1975	452902	1222311	472	197.0	180.0	180.0	6.0	P	50.0	20.0	4.0	102.0(D)	7/ 3/75	--	I
1S/3E-14BAC(C)	500117	MELVIN GRADIN	--	452914	1222425	400	282.0	180.0	197.0	10.0	P	180.0	214.0	--	66.8	3/19/87	--	I
								200.0	216.0									
								223.0	229.0									
								230.0	240.0									
								253.0	267.0									
								270.0	278.0									
1S/3E-14CBB(M)	500118	COLUMBIA BRICK WORKS	1955	452848	1222437	365	210.0	85.0	206.0	10.0	P	250.0	95.0	5.0	30.0(D)	7/ 8/55	--	C
1S/3E-14CCB1(N)	500119	ROBERT LORTS	1986	452843	1222438	335	80.0	80.0	80.0	--	A	60.0	--	1.0	4.4	3/29/88	--	B H O
1S/3E-14CCB2(N)	800524	U.S. GEOLOGICAL SURVEY	1987	452843	1222438	388	12.1	7.1	12.1	2.0	N	--	--	--	4.9	3/ 5/88	--	B O
1S/3E-14CCCC(N)	500120	ESTER ANSLOW	1953	452834	1222442	425	96.0	--	--	6.0	N	--	--	--	52.7	3/29/88	146	O
1S/3E-15ACBA(G)	900253	NORTHWEST NATURAL GAS	1980	452909	1222517	322	254.0	--	--	8.8	N	--	--	--	--/--/--	--	--	
1S/3E-16CDA(P)	500122	STU SHELLEY	--	452840	1222641	595	431.0	418.0	429.0	6.0	P	20.0	33.0	4.0	359.0(D)	1/13/62	--	
1S/3E-16CCC(Q)	500121	JERRY JAKSICH	1981	452836	1222628	820	385.0	365.0	380.0	--	B	22.0	42.0	1.0	335.9	3/30/88	104	B O
1S/3E-17AAD(A)	900254	NORTHWEST NATURAL GAS	1978	452913	1222715	311	400.0	--	--	--	N	--	--	--	--/--/--	--	--	
1S/3E-18BDC(F)	900251	CHARLES HYSOM	1987	452859	1222915	265	92.0	84.0	84.0	10.0	B	48.0	22.0	1.0	11.4	4/ 4/89	--	
1S/3E-19ABB(B)	500124	DEREK MOYER	--	452831	1222859	370	180.0	--	--	--	N	--	--	--	--/--/--	--	--	
1S/3E-19CAD(L)	500123	BILL PLEDGER	1974	452753	1222911	345	440.0	150.0	206.0	8.0	P	150.0	20.0	1.0	71.0(D)	5/ 1/74	--	I
								246.0	286.0									
								306.0	426.0									
1S/3E-20BDC(E)	500125	JAMES ANTRIM	1978	452809	1222809	382	298.0	100.0	235.0	--	N	--	--	--	89.1	3/30/88	--	B D H I O
								280.0	300.0									
1S/3E-20CAD(L)	6719	M. BLISS	1974	452755	1222752	390	280.0	130.0	223.0	--	P	160.0	70.0	1.0	80.0(D)	9/29/74	--	I
								221.0	280.0									
1S/3E-21DDC(R)	500126	THAMES	1980	452744	1222613	830	500.0	440.0	500.0	6.0	P	15.0	70.0	12.0	327.7	3/30/88	--	B H O
1S/3E-22DAB(J)	500127	RAY SHIUKI	1954	452801	1222456	575	510.0	265.0	270.0	--	P	250.0	47.0	1.0	191.5	3/30/88	--	I
								332.0	338.0									
								336.0	510.0									
1S/3E-23BBB1(D)	6779	GLEN SCHAEFFER	1972	452832	1222443	440	156.0	136.0	156.0	6.0	B	40.0	7.0	2.0	91.0(D)	7/10/72	--	I
1S/3E-24BBA(D)	500129	A.C. JOHNSON	1949	452832	1222315	480	167.0	161.0	161.0	8.0	N	--	--	--	107.9	4/ 3/89	--	I
1S/3E-24BCC(E)	500128	BURR THORNE	1956	452809	1222323	442	175.0	--	--	6.0	B	15.0	5.0	--	47.9	3/30/88	--	
1S/3E-24BDB(F)	500130	LESTER JOHNSON	1968	452817	1222306	475	278.0	150.0	159.0	--	P	210.0	125.0	12.0	87.5	3/30/88	--	B H I O
								160.0	169.0									
								174.0	184.0									
								190.0	197.0									
								212.0	276.0									
1S/3E-24DDC(R)	500131	KENNETH STONE	--	452744	1222231	435	330.0	125.0	193.0	--	P	250.0	55.0	3.5	30.0(D)	7/15/67	--	I
								202.0	212.0									
								217.0	240.0									
								232.0	262.0									
								295.0	325.0									
1S/4E-18DA(F)	900358	STATE OF OREGON	--	453054	1221531	570	500.0	--	--	--	N	--	--	--	--	--/--/--	--	
1S/4E-5CCD(N)	10769	ART BURNS	1971	453018	1222048	448	420.0	394.0										



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
MULTNOMAH COUNTY, OREGON--Continued																		
1S/4E-15CBC(M)	10777	MOLLER'S NURSERY INC.	1980	452848	1221828	648	520.0	410.0	520.0	--	P	250.0	70.0	8.0	410.0(D)	3/ 1/80	155	I
1S/4E-16ADB(H)	10778	MOLLER'S NURSERY INC.	1969	452907	1221851	672	1031.0	456.0	469.0	8.0	P	150.0	12.0	5.0	450.0(D)	8/14/69	--	G I
								489.0	497.0									
								533.0	537.0									
								563.0	567.0									
								620.0	625.0									
								630.0	635.0									
								708.0	803.0									
								890.0	894.0									
								940.0	948.0									
								1014.0	1031.0									
1S/4E-16ADC(H)	10779	A.W. SHERWOOD	--	452903	1221850	672	480.0	383.0	480.0	8.0	P	150.0	15.0	6.0	375.0(D)	6/ 1/56	110	I
1S/4E-17ACB(G)	900324	LEON BINGHAM	1954	452907	1222023	573	402.0	384.0	402.0	8.0	P	50.0	0.3	2.0	190.0(D)	4/ 6/54	--	I
1S/4E-17BAD(C)	10780	DARROLD BELCHER	1966	452918	1222028	515	467.0	170.0	180.0	8.0	B	40.0	80.0	6.0	219.8	3/31/88	--	I
								350.0	360.0									
								385.0	395.0									
1S/4E-17DCB(Q)	900500	CITY OF PORTLAND	1979	452841	1222019	578	430.0	--	--	10.0	N	--	--	--	--	--/--/--	--	
1S/4E-17DDA(R)	10787	LUNDBOM	1977	452842	1221952	563	360.0	278.0	360.0	8.0	A	125.0	--	1.0	194.0	9/19/89	--	
1S/4E-18ACD(G)	900498	CITY OF PORTLAND	1979	452902	1222128	495	445.0	--	--	10.0	N	--	--	--	80.0(D)	7/17/79	--	
1S/4E-18ADC1(H)	900325	GRESHAM UNION HIGH SCHOOL DISTRICT	1968	452904	1222113	525	541.0	150.0	157.0	12.0	P	225.0	220.0	15.0	163.3	2/ 2/88	183	B H I O
								231.0	237.0									
								290.0	301.0									
								351.0	360.0									
								372.0	380.0									
								411.0	422.0									
								455.0	466.0									
								472.0	541.0									
1S/4E-18ADC2(H)	900326	GRESHAM UNION HIGH SCHOOL DISTRICT	1974	452904	1222116	523	540.0	370.0	462.0	10.0	P	250.0	217.0	24.0	179.0(D)	9/ 6/74	--	C
								466.0	540.0									
1S/4E-18BCD(E)	6651	CARL EKSTROM	--	452900	1222203	510	350.0	160.0	260.0	8.0	P	60.0	40.0	2.0	137.0(D)	12/24/67	--	
								302.0	350.0									
1S/4E-18DAA(J)	900327	GRESHAM UNION HIGH SCHOOL DISTRICT	1980	452858	1222107	549	450.0	250.0	290.0	8.0	P	180.0	59.0	8.0	180.0(D)	10/28/80	170	I
								350.0	450.0									
1S/4E-18DAA2(J)	900499	CITY OF PORTLAND	1978	452858	1222106	550	470.0	--	--	10.0	N	--	--	--	40.0(D)	4/11/78	--	
1S/4E-18DDC(R)	900328	ARCHIE HODGES	1960	452833	1222114	550	300.0	185.0	195.0	8.0	P	197.0	78.0	8.0	157.0(D)	5/26/60	--	I
								205.0	217.0									
								228.0	234.0									
								291.0	294.0									
1S/4E-19BBD(D)	10781	JOHN HOLMLUND	1976	452821	1222201	533	353.0	155.0	320.0	8.0	B	50.0	7.0	1.0	119.8	3/31/88	--	I
								330.0	353.0									
1S/4E-19BCBB(E)	900359	NORTHWEST NATURAL GAS	1972	452820	1222214	520	402.0	--	--	9.0	N	--	--	--	--	--/--/--	--	
1S/4E-20BCB(E)	10782	JOHN HOLMLUND NURSERY COMPANY	1986	452816	1222102	573	315.0	150.0	300.0	--	B	50.0	127.0	0.5	178.5	4/ 1/88	--	I
								300.0	315.0									
1S/4E-20DAA(J)	900329	JOHN WILLIAMS	1969	452805	1221954	612	413.0	328.0	331.0	8.0	P	150.0	33.0	2.0	235.1	4/ 1/88	--	I
								346.0	375.0									
								379.0	413.0									
1S/4E-21DDC(R)	10783	MOLLER'S NURSERY INC.	1974	452742	1221845	612	400.0	295.0	395.0	--	P	440.0	11.0	6.0	252.0(D)	11/18/74	--	I
1S/4E-22BAB(C)	900501	CITY OF PORTLAND	1977	452828	1221815	673	400.0	--	--	10.0	N	--	--	--	--/--/--	--		
1S/4E-22BDC(F)	900330	DAVE KELLER	1986	452808	1221815	653	390.0	390.0	390.0	6.0	A	30.0	--	2.0	287.4	3/31/88	155	B H I O
1S/4E-22DCC(Q)	9182	MOLLER'S NURSERY INC.	1972	452743	1221757	650	420.0	335.0	420.0	7.0	P	240.0	1.0	2.0	--	--/--/--	--	I
1S/4E-23CCD(P)	900331	MIKE BISSELL	1984	452745	1221704	475	155.0	80.0	155.0	6.0	A	15.0	--	1.0	81.6	4/ 1/88	209	B H O
2N/1W-7ADD1(H)	5721	PACIFIC COAST NURSERY	1961	454018	1225045	35	106.0	85.0	100.0	8.0	P	85.0	0.0	1.0	38.0(D)	5/12/61	--	I
2N/1W-14CAD1(L)	5740	PACIFIC COAST NURSERY	1979	453911	1224631	20	257.0	220.0	250.0	10.0	P	1040.0	3.5	6.0	16.5(D)	3/ 6/79	--	I
2N/1W-16BCC1(E)	5773	PACIFIC COAST NURSERY	1974	453926	1224929	30	72.0	72.0	72.0	--	P	250.0	7.0	4.0	23.6	4/ 7/89	--	I
2N/1W-17DDA1(R)	5763	PACIFIC COAST NURSERY	1977	453910	1224939	30	104.0	60.0	99.0	8.0	P	150.0	3.0	2.0	21.0	4/ 7/89	--	I
								103.0	104.0									
2N/1W-17DDA2(R)	5775	PACIFIC COAST NURSERY	1957	453909	1224936	20	54.0	54.0	54.0	8.0	P	200.0	2.0	2.0	13.0(D)	3/25/57	--	I
2N/1W-24BAC1(C)	800515	U.S. GEOLOGICAL SURVEY	1987	453849	1224528	24	24.3	19.3	24.3	2.0	N	--	--	--	18.0	3/ 1/89	--	B H O
2N/1W-24BAC2(C)	800516	U.S. GEOLOGICAL SURVEY	1987	453849	1224528	24	84.0	78.7	83.7	2.0	N	--	--	--	18.2	3/ 1/89	--	B H O
2N/1W-24BCC1(E)	800517	U.S. GEOLOGICAL SURVEY	1987	453835	1224546	31	29.4	24.4	29.4	2.0	N	--	--	--	21.8	3/ 1/89	--	B G H O
2N/1W-24BCC2(E)	800518	U.S. GEOLOGICAL SURVEY	1987	453835	1224546	31	82.1	77.1	82.1	2.0	N	--	--	--	25.4	3/ 1/89	--	B H O
2N/1W-27CAC1(L)	5826	ALDERCREEK LUMBER	1959	453727	1224757	20	195.0	195.0	195.0	8.0	P	200.0	34.0	3.0	16.0(D)	10/ 3/59	--	C
2N/1W-27DCD1(P)	5829	ALDERCREEK LUMBER	1959	453717	1224756	30	214.0	--	--	8.0	N	--	--	--	--/--/--	--	C D	
2N/1W-35DCA(J)	900567	SCHNITZER STEEL PRODUCTS	--	453638	1224603	30	123.0	86.0	98.0	12.0	O	1250.0	41.0	--	14.0(D)	7/22/43	--	C
								102.0	114.0									
2N/1W-35DDB(R)	900571	SCHNITZER STEEL PRODUCTS	1943	453628	1224600	40	120.0	65.0	74.0	12.0	O	1200.0	14.0	--	27.2	6/13/88	--	C
								80.0	90.0									
								103.0	112.0									
2N/1W-35DDBB(R)	900568	SCHNITZER STEEL PRODUCTS	1943	453633	1224604	40	118.0	85.0	94.0	12.0	O	1600.0	10.5	--	21.0(D)	4/23/43	--	C
								95.0	105.0									
2N/1W-35DDBD(R)	900569	SCHNITZER STEEL PRODUCTS	1943	453631	1224602	40	121.0	95.0	98.0	12.0	O	1100.0	2.0	--	26.0(D)	10/18/43	--	C
								100.0	115.0									
2N/1W-35DDCA(R)	900570	SCHNITZER STEEL PRODUCTS	1943	453626	1224559	44	105.0	72.0	81.0	12.0	O	1100.0	5.0	--	27.0(D)	10/13/43	--	C



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
CLARK COUNTY, WASHINGTON--Continued																		
1N/3E-60CCC1(Q)	500041	GENSTAR DEV. INC.	1980	453535	1222903	235	439.0	381.0	439.0	6.0	P	240.0	178.0	24.0	124.5	3/29/89	--	B G H O
1N/3E-7ACA(G)	500042	GILBERT PACIFIC CORPORATION	1972	453515	1222854	210	228.0	210.0	223.0	6.0	B	11.0	83.0	2.0	152.8	3/29/88	--	
1N/3E-8ABC(B)	500043	ALLEN HANNA	1968	453522	1222746	435	420.0	420.0	420.0	6.0	B	40.0	120.0	1.0	275.0(D)	4/15/68	--	
1N/3E-8ACC(B)	11600	LEENDERT GROENEVELD	1965	453508	1222749	280	350.0	334.0	349.0	10.0	P	425.0	63.6	4.0	258.6(D)	2/25/69	--	
1N/3E-8BAD1(K)	500044	W.S. SHEPHERD	1964	453501	1222736	200	309.0	259.0	269.0	6.0	P	80.0	28.0	8.0	159.3	3/28/89	--	H O
1N/3E-10BAA(C)	500037	BOB TIDLAND	1981	453533	1222528	615	140.0	116.0	135.0	6.0	B	7.0	16.0	1.0	108.2	3/29/88	--	
1N/3E-110AA1(J)	900723	JAMES RIVER CORPORATION	1963	453506	1222339	13	105.0	69.0	99.0	20.0	P	2800.0	6.0	2.0	--	--/--/--	--	C
1N/3E-110AB1(J)	900721	JAMES RIVER CORPORATION	1963	453503	1222342	13	120.0	30.0	60.0	20.0	P	1125.0	23.0	4.0	--	--/--/--	--	C D
1N/3E-110AB2(J)	900722	JAMES RIVER CORPORATION	1964	453505	1222341	15	120.0	29.0	54.0	20.0	P	2250.0	21.0	4.0	--	--/--/--	--	C D
1N/3E-110AB3(J)	900724	JAMES RIVER CORPORATION	1963	453507	1222341	13	104.0	68.0	98.0	20.0	P	3100.0	6.0	1.0	--	--/--/--	--	C
1N/3E-110AB4(J)	900725	JAMES RIVER CORPORATION	1963	453508	1222338	13	103.0	70.0	96.0	20.0	P	2250.0	0.5	--	--	--/--/--	--	C
1N/3E-110AC1(J)	900707	JAMES RIVER CORPORATION	1952	453459	1222347	48	140.0	80.0	93.0	18.0	P	1220.0	7.0	--	--	--/--/--	--	C D
1N/3E-110AC2(J)	900708	JAMES RIVER CORPORATION	1961	453459	1222347	48	113.0	95.0	113.0	20.0	P	950.0	8.0	--	--	--/--/--	--	C D
1N/3E-110AC3(J)	900709	JAMES RIVER CORPORATION	1960	453459	1222347	50	132.0	72.0	85.0	18.0	P	1400.0	--	--	--	--/--/--	--	C D
1N/3E-110AC4(J)	900710	JAMES RIVER CORPORATION	1953	453459	1222347	46	131.0	41.0	77.0	12.0	N	--	--	--	--	--/--/--	--	C D
1N/3E-110AC5(J)	900711	JAMES RIVER CORPORATION	1957	453459	1222347	49	123.0	59.0	78.0	18.0	N	--	--	--	--	--/--/--	--	C D
1N/3E-110AC6(J)	900712	JAMES RIVER CORPORATION	1946	453459	1222347	50	90.0	--	--	18.0	P	2400.0	8.0	--	--	--/--/--	--	
1N/3E-110AC7(J)	900713	JAMES RIVER CORPORATION	1958	453459	1222347	38	125.0	41.0	49.0	12.0	N	--	--	--	--	--/--/--	--	C D
1N/3E-110AC8(J)	900714	JAMES RIVER CORPORATION	1946	453459	1222347	16	66.0	33.0	44.0	18.0	P	2100.0	23.0	--	--	--/--/--	--	C
1N/3E-110AC9(J)	900715	JAMES RIVER CORPORATION	1958	453459	1222347	35	123.0	72.0	82.0	20.0	P	2300.0	9.0	--	--	--/--/--	--	C
1N/3E-110AC10(J)	900716	JAMES RIVER CORPORATION	1956	453459	1222347	29	116.0	64.0	72.0	20.0	P	2300.0	6.0	--	--	--/--/--	--	C
1N/3E-110AC11(J)	900717	JAMES RIVER CORPORATION	1958	453459	1222347	16	89.0	47.0	57.0	20.0	P	2300.0	6.0	--	--	--/--/--	--	C
1N/3E-110AC12(J)	900718	JAMES RIVER CORPORATION	1957	453459	1222347	16	81.0	32.0	37.0	20.0	P	2000.0	4.0	--	--	--/--/--	--	C D
1N/3E-110AD1(J)	900719	JAMES RIVER CORPORATION	1946	453501	1222339	15	66.0	34.0	66.0	18.0	P	1500.0	12.0	6.0	--	--/--/--	--	C
1N/3E-12BCB1(E)	900394	CITY OF CAMAS	1959	453515	1222330	52	112.0	82.0	102.0	16.0	P	1500.0	24.0	--	58.6	3/29/19	--	
1N/3E-12CAB1(L)	11602	CITY OF CAMAS	1971	453503	1222313	33	84.0	49.0	77.0	14.0	P	1000.0	4.0	1.5	26.9	3/29/19	--	
1N/3E-12CAB2(L)	11601	CITY OF CAMAS	1977	453503	1222311	34	87.0	44.0	79.0	14.0	P	1040.0	1.2	0.5	26.7	3/29/19	--	
1N/3E-12CAD1(L)	11603	CITY OF CAMAS	1968	453500	1222259	50	85.0	56.0	80.0	16.0	P	1600.0	5.0	12.0	42.0	3/29/19	--	
1N/3E-12CBA1(M)	900397	CITY OF CAMAS	1936	453504	1222321	45	83.0	--	--	--	P	1000.0	--	--	--	--/--/--	--	
1N/3E-12CBA2(M)	900396	CITY OF CAMAS	1936	453504	1222322	45	73.0	--	--	12.0	P	1000.0	--	--	--	--/--/--	--	
1N/3E-12CBA3(M)	900395	CITY OF CAMAS	1946	453504	1222319	45	78.0	50.0	70.0	14.0	P	1800.0	7.0	--	42.1	3/29/89	--	
1N/3E-12CBA4(P)	11604	CITY OF CAMAS	1968	453450	1222254	38	71.0	44.5	65.0	8.0	P	450.0	1.0	8.0	32.0	3/29/89	--	
1N/3E-120BD1(K)	900391	CITY OF WASHOUGAL	1942	453459	1222238	50	101.0	84.0	94.0	12.0	P	1200.0	4.5	--	53.0	3/28/89	--	
1N/3E-120BD2(K)	900392	CITY OF WASHOUGAL	1947	453459	1222241	50	101.0	80.0	94.0	12.0	P	1100.0	--	--	44.0	3/28/89	--	
1N/3E-120BD3(K)	900393	CITY OF WASHOUGAL	1954	453459	1222240	50	103.0	84.5	98.0	12.0	P	1200.0	9.0	--	40.0	3/28/89	--	
1N/3E-120BD4(K)	11598	CITY OF WASHOUGAL	1984	453458	1222236	50	102.0	66.3	97.0	14.0	P	1400.0	1.1	1.5	49.4	3/28/89	--	
1N/3E-120CB(Q)	500060	NORTHWEST NATURAL GAS	1984	453454	1222250	45	402.0	--	--	8.8	N	--	--	--	--	--/--/--	--	
1N/3E-230BA1(J)	900473	REYNOLDS METALS COMPANY	1953	453318	1222342	27	275.0	255.0	273.0	26.0	P	1350.0	51.0	10.0	41.0(D)	4/30/53	--	C
1N/3E-230BA2(K)	900471	REYNOLDS METALS COMPANY	1949	453315	1222352	27	195.0	143.0	190.0	20.0	N	--	--	--	22.0(D)	9/ 1/49	--	C
1N/3E-230BA2(K)	900472	REYNOLDS METALS COMPANY	1949	453315	1222350	28	195.0	150.0	189.0	20.0	N	--	--	--	24.0(D)	9/ 1/49	--	C
1N/4E-1AAC(A)	6568	DON FRENCH	1978	453619	1221505	1008	106.0	85.0	106.0	6.0	B	3.0	40.0	1.0	41.0(D)	11/10/78	--	
1N/4E-1BDD(F)	900064	FRANCIS MCCUISTON	1980	453601	1221532	910	245.0	20.0	245.0	--	N	--	--	--	222.3	4/ 7/89	100	
1N/4E-2AAA(A)	6569	WALLY COLE	1978	453624	1221610	1077	160.0	150.0	160.0	6.0	B	30.0	10.0	1.0	85.8	3/ 5/87	29	
1N/4E-20DD(R)	900116	NEINAN LINNEMAN	1979	453536	1221616	807	270.0	252.0	270.0	6.0	B	10.0	5.0	1.0	253.7	4/ 7/88	--	
1N/4E-3ACC(G)	900117	PAT MEYER	1978	453603	1221753	705	160.0	126.0	129.0	6.0	B	15.0	0.0	2.0	135.7	4/ 7/89	92	
1N/4E-4ACD(G)	900118	RICHARD BISHMAN	1976	453606	1221858	610	270.0	260.0	265.0	6.0	B	7.0	15.0	3.0	236.2	4/ 7/89	91	
1N/4E-50AD(J)	900119	JACK CULBREATH	1978	453549	1221959	450	313.0	273.0	313.0	6.0	B	6.0	222.0	1.0	55.7	3/27/89	--	B H O
1N/4E-68AA(C)	900120	M. ROBSON	1979	453623	1221144	465	260.0	177.0	260.0	6.0	N	--	--	--	--	10/10/79	--	
1N/4E-60DC(R)	900121	BRYAN KNAPP	1979	453537	1222122	323	300.0	280.0	300.0	6.0	B	2.0	240.0	2.5	13.8	3/29/89	209	B H O
1N/4E-7BAD(C)	900122	BARNEY TONDER	1979	453523	1222149	70	404.0	38.0	404.0	6.0	B	5.0	240.0	2.0	6.6	4/ 7/89	--	
1N/4E-8ABB(B)	900123	MARVIN HUDDLESTON	1976	453528	1222024	205	372.0	113.0	121.0	6.0	B	2.5	23.0	2.0	99.1	4/ 7/89	239	
1N/4E-8CAD(L)	11596	CITY OF WASHOUGAL	1982	453457	1222037	85	181.0	65.0	85.0	6.0	N	--	--	--	48.0(D)	7/27/82	--	
1N/4E-8DBC1(K)	900390	CITY OF WASHOUGAL	--	453501	1222022	90	142.0	65.0	78.0	10.0	N	--	--	--	83.0	3/28/89	--	
1N/4E-8DBC5(K)	11597	CITY OF WASHOUGAL	1984	453501	1222022	85	120.0	88.5	98.5	14.0	P	650.0	10.3	0.5	75.4	3/28/89	--	
1N/4E-9CCA (N)	900124	ORCHARD HILLS GOLF CLUB	1968	453453	1221935	102	336.0	196.0	216.0	10.0	P	300.0	146.0	5.0	92.4	2/23/87	--	I
1N/4E-10ABD(B)	6670	JAMES DUTRO	1981	453522	1221746	597	496.0	495.0	496.0	6.0	B	20.0	50.0	1.0	407.0(D)	3/ 9/81	146	
1N/4E-10BDD(F)	900125	WILLIAM GOOD	1974	453508	1221806	358	207.0	205.5	207.0	6.0	B	10.0	7.0	1.0	184.4	4/ 7/89	109	
1N/4E-110CB(Q)	6671	MIKE HERZ	1980	453451	1221660	523	340.0	300.0	340.0	6.0	B	8.0	20.0	1.0	242.1	4/ 7/89	130	
1N/4E-12CBA(M)	6672	RANDY BROWN	1984	453501	1221556	708	373.0	343.0	373.0	6.0	B	7.0	5.0	1.0	328.0	4/ 7/89	--	
1N/4E-13ABA(B)	900187	GEORGE SCHMID	1983	453440	1221512	707	280.0	--	--	6.0	B</							



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
CLARK COUNTY, WASHINGTON--Continued																		
1N/4E-17ACD(G)	6678	DENNY PHILLIPS	1984	453417	1222018	18	98.0	93.0	98.0	6.0	B	30.0	10.0	1.0	5.3	3/29/89	148	B C H O
1N/4E-24BAA(C)	6579	GLEN FITZGERALD	1977	453348	1221532	517	597.0	570.0	575.0	6.0	B	10.0	7.0	2.0	432.0	4/12/89	--	
								580.0	595.0									
2N/1E-1AAD(A)	5098	LES JONES	1980	454124	1223716	270	65.0	54.0	59.0	6.0	B	15.0	13.0	2.0	35.7	3/29/89	--	I
2N/1E-1DAB1(J)	5095	JOHN ASH	1977	454104	1223719	273	194.0	194.0	194.0	6.0	B	15.0	6.0	2.0	131.3	3/29/89	--	B H O
2N/1E-2BAA(C)	900680	COUNTY OF CLARK	1987	454130	1223902	200	550.0	--	--	10.0	P	92.0	161.7	20.0	118.7	4/ 7/87	--	
2N/1E-2CAB(L)	900679	COUNTY OF CLARK	1987	454106	1223913	220	544.0	476.5	523.5	10.0	P	780.0	139.5	8.0	294.8	3/30/89	--	
								533.5	543.5									
2N/1E-2DDCC(R)	900320	NORTHWEST NATURAL GAS	1970	454045	1223840	243	398.0	--	--	--	N	--	--	--	--	--/--/--	--	
2N/1E-3CCB1(N)	5103	VANCOUVER SCHOOL DISTRICT	1964	454056	1224046	218	407.0	217.0	224.0	16.0	P	275.0	69.0	1.0	135.7	3/28/89	--	
								291.0	302.0									
								370.0	398.0									
2N/1E-4BAD1(C)	11571	COUNTY OF CLARK	1985	454123	1224137	215	303.0	226.6	242.1	12.0	P	230.0	65.7	24.0	149.3	3/30/89	--	
								268.8	294.7									
2N/1E-7BCB(E)	5105	COUNTY OF CLARK	1974	454027	1224432	20	214.0	200.0	210.0	8.0	P	100.0	0.0	6.0	14.1	3/29/89	--	C
2N/1E-7CBB1(M)	5107	RIEDEL INTERNATIONAL	1981	454013	1224432	20	214.0	115.0	175.0	6.0	B	45.0	0.0	1.0	14.0	3/30/89	--	B O
2N/1E-9CAD1(L)	5108	H.E. WINSELL	1966	454006	1224135	30	120.0	100.0	106.0	10.0	P	350.0	23.0	8.0	16.5	3/28/89	--	I
2N/1E-9DBB1(K)	5109	ART SUTHERLAND	1971	454017	1224124	50	135.0	129.0	133.0	6.0	P	20.0	85.0	2.0	35.5	3/28/89	--	
2N/1E-10AAD1(A)	5116	FRED MEYER INC.	1962	454036	1223945	195	243.0	156.0	168.0	12.0	P	400.0	27.0	8.0	108.0(D)	12/20/62	--	
								198.0	213.0									
2N/1E-10CBC(M)	900321	NORTHWEST NATURAL GAS	1977	454007	1224052	153	405.0	--	--	--	N	--	--	--	--	--/--/--	--	
2N/1E-11AAB1(A)	900381	COUNTY OF CLARK	1960	454037	1223833	238	228.0	172.0	193.0	16.0	P	1000.0	32.0	--	146.0	3/30/89	--	
								194.0	205.0									
2N/1E-11ABC1(B)	900227	STATE OF WASHINGTON	1955	454032	1223853	258	255.0	162.0	255.0	12.0	P	625.0	2.0	--	160.6	12/14/55	--	I
2N/1E-11BAB1(C)	900383	COUNTY OF CLARK	1950	454041	1223913	225	198.0	183.0	194.0	10.0	P	380.0	47.0	4.0	119.2(D)	9/26/50	--	
2N/1E-11BAB2(C)	11575	COUNTY OF CLARK	1982	454041	1223913	226	211.0	194.0	209.0	10.0	P	400.0	30.0	--	150.0(D)	1/14/82	--	D
2N/1E-11BAB3(C)	11574	COUNTY OF CLARK	1982	454041	1223913	227	220.0	181.0	191.0	10.0	P	180.0	20.0	--	150.0(D)	1/14/82	--	D
								199.0	204.0									
								211.0	216.0									
2N/1E-11BAB4(C)	900382	COUNTY OF CLARK	--	454041	1223913	250	260.0	176.0	195.0	12.0	P	600.0	68.0	--	135.0(D)	6/26/59	--	
								247.0	253.0									
2N/1E-11BAB5(C)	11563	COUNTY OF CLARK	1985	454041	1223913	230	632.0	477.0	482.0	10.0	P	770.0	116.0	24.0	200.3	3/30/89	--	D
								535.0	580.0									
2N/1E-11BAC1(C)	11572	COUNTY OF CLARK	--	454034	1223913	230	293.0	233.0	273.0	16.0	P	750.0	19.5	1.0	150.1	3/30/89	--	D O P
								273.0	293.0									
2N/1E-11CDD1(P)	5118	BEN VAANDERING	1979	453956	1223915	220	46.0	31.0	45.0	6.0	B	6.0	5.0	1.0	29.2	3/30/89	--	B O
2N/1E-12AAA1(A)	5120	AIRCO	1979	454040	1223718	281	201.0	181.0	196.0	6.0	P	45.0	34.0	4.0	139.7	4/25/88	--	C
2N/1E-12DAD1(J)	5119	JIM CURTIN	1974	454006	1223714	265	42.0	20.0	40.0	12.0	P	206.0	31.2	4.0	12.2	3/30/89	--	I O
2N/1E-13CAC1(L)	5127	JACK HALL	1973	453918	1223756	255	404.0	365.0	379.0	8.0	P	--	17.0	1.0	169.7	3/30/89	--	B H I O
								382.0	401.0									
2N/1E-13DAB (J)	5129	CARL ZENT	1970	453923	1223724	265	58.0	51.0	56.0	6.0	A	36.0	--	1.0	18.6	3/30/89	--	
2N/1E-15AAD1(A)	5134	BONNEVILLE POWER ADMINISTRATION	1970	453942	1223939	173	244.0	164.0	180.0	12.0	P	725.0	2.5	8.0	158.0	3/30/89	--	H O
								185.0	205.0									
2N/1E-15CDD8(P)	900322	NORTHWEST NATURAL GAS	1979	453905	1224025	218	400.0	--	--	10.0	N	--	--	--	--	--/--/--	--	
2N/1E-15DCB1(Q)	900405	CITY OF VANCOUVER	1945	453908	1224014	215	278.0	232.0	240.0	18.0	P	2000.0	13.0	--	209.5	4/ 3/89	--	
								245.0	260.0									
2N/1E-15DCB2(Q)	900406	CITY OF VANCOUVER	1954	453909	1224013	212	264.0	236.0	247.0	--	N	--	--	--	208.7	4/ 3/89	--	
								249.0	264.0									
2N/1E-15DCB3(Q)	900407	CITY OF VANCOUVER	1978	453908	1224012	214	261.0	--	--	--	N	--	--	--	209.1	4/ 3/89	--	
2N/1E-16CAB1(L)	5136	VIMONT ERICKSON	1968	453923	1224140	25	63.0	51.0	61.0	8.0	P	156.0	1.0	1.0	20.0(D)	4/ 9/68	--	
2N/1E-18CDD1(P)	900684	ALCOA	1940	453903	1224402	28	134.0	118.0	128.0	12.0	P	1500.0	--	--	--/--/--	--	C	
2N/1E-18CDD2(P)	900689	ALCOA	1945	453901	1224400	28	135.0	114.0	130.0	20.0	P	3000.0	20.0	7.0	--	--/--/--	--	
2N/1E-18CDD1(Q)	900690	ALCOA	1945	453900	1224356	28	137.0	109.0	114.0	20.0	P	3000.0	16.0	5.5	--	--/--/--	--	
								116.0	130.0									
2N/1E-18CDD2(Q)	900693	ALCOA	1950	453903	1224358	31	133.0	119.0	130.0	16.0	P	1500.0	5.0	--	--	--/--/--	--	
2N/1E-18CDD3(Q)	900694	ALCOA	1950	453904	1224357	33	133.0	119.0	130.0	22.0	P	1500.0	3.0	--	--	--/--/--	--	
2N/1E-18CDD4(Q)	900699	ALCOA	1954	453905	1224357	32	160.0	118.0	160.0	24.0	P	3000.0	3.0	--	--	--/--/--	--	
2N/1E-18CDD5(Q)	900700	ALCOA	1963	453905	1224354	33	163.0	96.0	163.0	24.0	P	3000.0	13.0	2.0	--	--/--/--	--	
2N/1E-18CDD6(Q)	900701	ALCOA	1963	453853	1224336	33	163.0	73.0	139.0	24.0	P	3000.0	13.0	2.0	--	--/--/--	--	C
2N/1E-19AAB1(A)	900687	ALCOA	1941	453854	1224340	28	111.0	96.0	106.0	12.0	P	1200.0	3.5	22.0	--	--/--/--	--	C
2N/1E-19AAB2(A)	900691	ALCOA	1950	453856	1224339	30	113.0	--	19.0	--	P	1100.0	7.0	--	--	--/--/--	--	C
2N/1E-19AAB3(A)	900697	ALCOA	1953	453852	1224337	34	119.0	105.0	115.0	24.0	P	1500.0	2.5	--	--	--/--/--	--	C
2N/1E-19AAC1(A)	900698	ALCOA	1953	453848	1224339	33	130.0	117.0	127.0	24.0	P	1500.0	2.0	--	--	--/--/--	--	C
2N/1E-19AAC3(A)	900702	ALCOA	1965	453850	1224340	30	145.0	115.0	145.0	20.0	P	1500.0	3.0	6.0	--	--/--/--	--	C
2N/1E-19AAC4(A)	90070																	



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Drawdown (feet)	Test period (hours)	Feet below datum	Date		
CLARK COUNTY, WASHINGTON--Continued																		
2N/1E-23DDB2(R)	11585	CITY OF VANCOUVER	1975	453815	1223840	174	266.0	205.0	217.0	20.0	P	2500.0	2.4	3.0	176.8	3/31/89	--	
								242.0	266.0									
2N/1E-23DDB3(R)	11586	CITY OF VANCOUVER	1982	453814	1223843	178	266.0	228.0	259.5	20.0	P	2500.0	2.7	0.5	155.3	3/31/89	--	
2N/1E-23DDC1(R)	900411	CITY OF VANCOUVER	1962	453812	1223842	185	235.0	205.0	235.0	12.0	P	1000.0	3.0	6.0	179.0(D)	8/31/62	--	
2N/1E-23DDC2(R)	900412	CITY OF VANCOUVER	1962	453812	1223840	182	233.0	203.0	233.0	12.0	P	1300.0	4.0	6.0	178.5	3/31/89	--	
2N/1E-24ACD1(G)	900229	VANCOUVER SCHOOL DISTRICT	1955	453836	1223731	170	167.0	129.0	137.0	10.0	P	300.0	50.0	--	79.0	4/ 3/89	--	
2N/1E-24DCD1(Q)	5150	DALE NEILSON	1968	453811	1223736	175	300.0	235.0	248.0	8.0	P	65.0	38.0	1.0	158.0	3/31/89	--	B H I O
								270.0	276.0									
								281.0	293.0									
2N/1E-25CDA1(P)	5153	ROBERT BUMP	1982	453722	1223749	135	160.0	154.0	159.0	6.0	B	60.0	2.0	1.0	126.1	3/31/89	--	B H O
2N/1E-25CDA2(P)	5154	ROBERT BUMP	1982	453722	1223749	135	75.0	20.0	75.0	6.0	B	0.0	0.0	--	--	10/11/82	--	
2N/1E-26ABB1(B)	5158	CLARK COLLEGE	1984	453801	1223856	175	215.0	185.0	215.0	12.0	P	300.0	1.0	2.0	171.8	3/31/89	--	
2N/1E-26ABB2(B)	5157	CLARK COLLEGE	1984	453805	1223852	191	239.0	204.0	239.0	12.0	N	--	--	--	187.0(D)	7/31/84	--	
2N/1E-26BDB1(F)	5156	VANCOUVER SCHOOL DISTRICT	1982	453751	1223918	130	165.0	147.0	160.8	10.0	P	480.0	20.7	8.0	114.0	4/ 3/89	--	I
2N/1E-26CAC1(L)	5159	U.S. NATIONAL PARK SERVICE	1974	453734	1223918	85	146.0	125.5	146.0	12.0	P	600.0	2.0	2.0	76.5	4/ 3/89	--	
2N/1E-27ACB1(G)	900531	VANCOUVER FEDERAL SAVINGS & LOAN	1960	453750	1224008	100	146.0	105.0	123.0	10.0	P	350.0	1.5	--	89.0(D)	5/23/60	--	C
2N/1E-27ACB2(G)	900234	VANCOUVER FEDERAL SAVINGS & LOAN	--	453751	1224007	100	139.0	110.0	125.0	10.0	N	--	--	--	88.8	4/ 3/89	--	C
2N/1E-27CBC1(M)	900230	BOISE CASCADE	1957	453734	1224047	42	128.0	55.0	125.0	26.0	N	--	--	--	33.0(D)	5/10/57	--	C
2N/1E-27CBC2(M)	900231	BOISE CASCADE	1948	453734	1224045	42	137.0	40.0	137.0	26.0	P	4000.0	--	--	22.0(D)	2/ 8/49	--	C
2N/1E-27CBC3(M)	900232	BOISE CASCADE	1947	453732	1224047	35	150.0	22.0	125.0	26.0	P	4000.0	--	--	22.0(D)	3/ 8/49	--	B C H O
								137.0	150.0									
2N/1E-27CDB1(P)	900233	BOISE CASCADE	1960	453726	1224030	35	184.0	48.0	102.0	30.0	P	6000.0	3.0	--	20.0(D)	5/21/60	--	C
								130.0	182.0									
2N/1E-27CDB2(P)	5163	NORTHWEST NATURAL GAS	1963	453719	1224022	28	407.0	--	--	9.0	N	--	--	--	--/--/--	--		
2N/1E-28ACA1(G)	900235	PORT OF VANCOUVER	1956	453750	1224117	28	110.0	20.0	110.0	18.0	P	2000.0	--	--	25.6	4/ 6/89	--	C
2N/1E-28ACA2(G)	900243	GREAT WESTERN MALTING COMPANY	1982	453752	1224118	28	115.0	110.0	115.0	6.0	B	50.0	10.0	1.0	27.0(D)	12/29/82	--	C
2N/1E-28ACB1(G)	900238	GREAT WESTERN MALTING COMPANY	1937	453749	1224125	28	105.0	105.0	105.0	10.0	P	375.0	--	--	26.5	3/16/49	--	C
2N/1E-28ACB2(G)	900236	PORT OF VANCOUVER	1949	453749	1224122	28	80.0	50.0	78.0	18.5	P	2000.0	8.8	--	28.0(D)	3/11/49	--	C
2N/1E-28ACB4(G)	900239	GREAT WESTERN MALTING COMPANY	1945	453748	1224124	30	119.0	70.0	116.0	12.0	P	800.0	0.0	4.0	30.0(D)	11/16/45	--	C
2N/1E-28ACB5(G)	900240	GREAT WESTERN MALTING COMPANY	1951	453749	1224127	30	115.0	114.0	115.0	18.0	P	900.0	2.0	--	25.0(D)	3/12/51	--	C
2N/1E-28ACB6(G)	5167	GREAT WESTERN MALTING COMPANY	1967	453751	1224124	28	123.0	93.0	123.0	24.0	P	2500.0	1.0	2.0	29.0(D)	12/16/67	--	C
2N/1E-28ACB7(G)	5166	GREAT WESTERN MALTING COMPANY	1977	453753	1224123	28	128.0	92.0	128.0	20.0	P	2500.0	0.5	2.0	32.0(D)	7/29/77	--	C
			--	453747	1224123	28	100.0	20.0	100.0	18.0	P	--	--	--	30.6	4/ 6/89	--	C
2N/1E-28BAA(C)	5164	NORTHWEST NATURAL GAS	1963	453802	1224136	28	407.0	--	--	9.0	N	--	--	--	--/--/--	--		
2N/1E-28BAA1(C)	900375	CITY OF VANCOUVER	1984	453807	1224132	28	53.0	35.0	50.0	20.0	P	2000.0	3.8	3.0	24.1	4/ 3/89	--	C
2N/1E-28OAA(B)	5165	NORTHWEST NATURAL GAS	1983	453739	122410	48	400.0	--	--	9.0	N	--	--	--	--/--/--	--		
2N/1E-35BDA1(C)	900246	COLUMBIA SHORES INC.	1949	453702	1223910	31	140.0	95.0	120.0	26.0	P	3600.0	41.0	18.0	24.1	4/ 3/89	--	C
								120.0	140.0									
2N/1E-35BDA1(F)	900244	COLUMBIA SHORES INC.	1951	453702	1223902	31	96.0	28.0	56.0	26.0	P	4000.0	3.0	8.0	23.5	4/11/89	--	C
								73.0	93.0									
2N/1E-35BDA2(F)	900245	COLUMBIA SHORES INC.	1951	453702	1223905	31	85.0	30.0	67.0	26.0	P	4000.0	4.0	8.0	23.4	4/11/89	--	C
2N/1E-36ABA1(B)	900415	CITY OF VANCOUVER	1952	453710	1223728	50	127.0	91.0	98.0	20.0	P	1000.0	19.0	10.0	54.8	3/31/89	--	
								99.0	106.0									
								107.0	114.0									
2N/1E-36ABA6(B)	900416	CITY OF VANCOUVER	1943	453709	1223728	55	122.0	83.0	115.0	12.0	P	1000.0	18.0	--	41.0(D)	9/ 2/43	--	
2N/1E-36ABA9(B)	900420	CITY OF VANCOUVER	1978	453709	1223728	55	112.0	90.0	104.0	20.0	N	--	--	--	58.5	3/31/89	--	
2N/1E-36ABA12(B)	900414	CITY OF VANCOUVER	1978	453708	1223728	56	99.0	85.0	95.0	16.0	N	--	--	--	57.4	3/31/89	--	G
2N/1E-36ABA13(B)	900417	CITY OF VANCOUVER	1978	453708	1223730	55	127.0	86.8	104.8	16.0	N	--	--	--	52.8	3/31/89	--	
2N/1E-36ABA14(B)	900418	CITY OF VANCOUVER	1981	453709	1223730	50	106.0	87.5	103.0	20.0	N	--	--	--	48.6	3/31/89	--	
2N/1E-36ABA15(B)	900419	CITY OF VANCOUVER	1981	453708	1223727	60	116.0	96.5	112.0	20.0	N	--	--	--	62.9	3/31/89	--	
2N/1E-36ADA1(H)	5170	PORTCO CORPORATION	1975	453700	1223707	39	113.0	88.0	103.0	8.0	P	360.0	15.0	6.0	20.7	4/ 3/89	--	C
2N/1E-36ADA2(H)	5169	PORTCO CORPORATION	1977	453657	1223708	38	130.0	80.0	90.0	8.0	P	200.0	25.10	6.0	19.4	4/ 3/89	--	C
								95.0	100.0									
								110.0	120.0									
2N/2E-1CAD(L)	500167	LOU HATCH	1981	454103	1223017	258	188.0	188.0	188.0	6.0	B	25.0	10.0	1.0	37.4	3/31/88	--	
2N/2E-2ADC(H)	3391	DOLORES WARD	1976	454113	1223104	270	92.0	91.0	92.0	6.0	B	20.0	0.0	1.0	13.9	3/30/88	--	
2N/2E-2CBA(M)	500168	ACME CONSTRUCTION COMPANY	1965	454107	1223151	263	111.0	88.0	93.0	8.0	P	110.0	45.0	6.0	53.7	3/30/88	--	C
								96.0	106.0									
2N/2E-3CAC(L)	500169	SMITH BROS SAND & GRAVEL	1963	454100	1223256	230	66.0	61.8	66.0	6.0	B	30.0	5.0	1.0	32.5	3/ 3/87	--	C
2N/2E-4DBA(K)	500170	EVERGREEN SCHOOL DISTRICT	1975	454105	1223351	230	159.0	149.0	159.0	8.0	P	100.0	82.0	20.0	71.8	3/30/88	--	I
2N/2E-5ADB(H)	500171	EVERGREEN SCHOOL DISTRICT	1975	454122	1223448	205	166.0	156.0	166.0	8.0	P	308.0	24.0	24.0	41.2	3/29/88	--	I
2N/2E-6BBD(D)	500172	LARRY'S GREENHOUSE	1974															







Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Well performance			Water level		Specific conductance	Remarks	
								Top	Bottom		Test method	Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum			Date
CLARK COUNTY, WASHINGTON--Continued																		
2N/3E-28DC(Q)	500056	KEITH DEDMORE	1970	453721	1222636	265	160.0	150.0	160.0	6.0	B	40.0	12.0	2.0	77.7	3/31/89	163	
2N/3E-29CDA(P)	500079	CHARLES LORENZO	1952	453725	1222754	257	180.0	90.0	105.0	8.0	P	220.0	90.0	1.0	63.8	3/15/77	--	O
2N/3E-2908C(K)	500080	CHARLES LORENZO	1965	453736	1222751	248	209.0	188.6	209.0	10.0	P	140.0	50.0	2.5	63.8	3/15/77	--	I
2N/3E-30BDA(F)	500081	RON WAMBERG	1971	453750	1222907	287	240.0	218.0	236.0	8.0	P	280.0	59.0	1.0	115.0(D)	7/10/71	249	C
2N/3E-3008A(K)	500082	COUNTY OF CLARK	1978	453739	1222852	235	111.0	97.0	102.0	8.0	P	20.0	5.0	1.0	63.7	3/30/88	231	C
2N/3E-300CC(Q)	500055	PACIFIC ROCK PRODUCTS INC.	1972	453723	1222905	287	310.0	265.0	275.0	8.0	P	507.0	66.0	7.5	127.3	3/27/89	189	C
								281.0	286.0									
								290.0	300.0									
2N/3E-30DCD(Q)	500054	PACIFIC ROCK PRODUCTS INC.	1979	453718	1222856	285	388.0	255.0	276.0	14.0	P	300.0	164.0	3.0	244.0	3/27/89	--	C
								343.0	378.0									
2N/3E-31AAB(A)	500053	WALT MUSA	1963	453711	1222846	282	236.0	213.0	234.0	10.0	P	65.0	90.0	8.0	110.0(D)	5/10/63	--	C
2N/3E-31ADD(H)	500052	WALT MUSA	1962	453650	1222838	277	330.0	262.0	272.0	8.0	N	--	--	--	140.0(D)	5/31/62	--	
								305.0	325.0									
2N/3E-31DBA(K)	500051	NORWOOD HOMES	1975	453646	1222852	277	378.0	344.0	358.0	10.0	P	120.0	26.0	1.0	175.8	3/31/88	--	I
								359.0	374.0									
2N/3E-31DBD(K)	500050	JIM GAY	1985	453639	1222848	275	218.0	198.0	218.0	6.0	B	20.0	20.0	1.0	152.7	3/29/88	149	
2N/3E-32CAA(L)	500049	ELMER REITER	1985	453646	1222755	255	38.0	38.0	38.0	6.0	A	30.0	--	1.0	15.3	3/29/88	179	B H O
2N/3E-32DAD(J)	500048	DELLA HOWE	1977	453638	1222614	355	155.0	144.0	144.0	6.0	B	30.0	0.0	1.0	115.5	3/27/89	171	B H O
2N/3E-34CCA(N)	500047	ROBERT CORNELISON	1951	453635	1222550	390	112.0	112.0	112.0	8.0	P	63.0	15.0	4.0	88.4	3/30/88	119	
2N/3E-35AAA(A)	500046	RON PROCTOR	1978	453716	1222333	410	181.0	174.0	181.0	6.0	B	20.0	10.0	1.0	110.0(D)	3/14/78	128	D
2N/3E-36ABC(B)	500045	CHARLES MANN	1984	453708	1222248	438	252.0	232.0	252.0	6.0	B	15.0	10.0	1.0	216.6	4/ 6/89	--	
2N/4E-260BA(K)	6551	TOM CROZIER	1980	453738	1221628	304	283.0	97.0	283.0	6.0	B	10.0	230.0	2.0	21.3	3/ 4/87	96	
2N/4E-260DB(R)	6550	MILTON ODELL	1981	453725	1221623	230	170.0	108.6	170.0	6.0	B	40.0	20.0	1.0	10.7	3/ 4/87	98	
2N/4E-27CCA(N)	6552	TOM WILLIAMS	1979	453726	1221820	182	143.0	123.0	143.0	6.0	B	10.0	110.0	1.0	11.5	3/12/87	113	
2N/4E-28DCD(Q)	6553	STEVE MEYER	1978	453720	1221853	715	435.0	375.0	395.0	6.0	P	5.0	9.0	1.5	382.5	3/ 9/87	141	
								415.0	435.0									
2N/4E-29BBB(D)	6554	BRYAN ABLEIDINGER	1983	453805	1222102	678	600.0	463.0	478.0	6.0	B	2.5	392.0	2.0	208.0(D)	4/ 7/83	147	
								563.0	578.0									
								583.0	598.0									
2N/4E-29BBD(D)	900189	VERN ALMSTED	1982	453803	1222056	635	110.0	60.0	70.0	6.0	B	30.0	57.0	1.0	18.0(D)	5/13/82	--	
								100.0	109.0									
2N/4E-30ADC(H)	6555	CLARENCE CHICK	1976	453746	1222115	483	420.0	65.0	68.0	6.0	B	5.5	377.0	2.0	16.6	3/12/87	151	
								156.0	159.0									
								230.0	233.0									
								374.0	377.0									
								414.0	419.0									
2N/4E-31ACB(G)	6556	DON STAUFFER	1979	453701	1222142	140	200.0	190.0	200.0	6.0	B	11.0	175.0	2.0	13.1	3/29/89	441	B H O
2N/4E-328BA(D)	6557	GENE ENGLISH	1977	453714	1222051	300	350.0	310.0	350.0	6.0	B	5.0	220.0	1.0	97.5	3/11/87	130	
2N/4E-328BC(D)	900188	GENE ENGLISH	1977	453706	1222104	370	392.0	372.0	392.0	6.0	B	15.0	110.0	1.0	190.0(D)	11/18/77	--	
2N/4E-328CA(E)	6558	ERROL TEMPLER	1977	453700	1222047	362	180.0	75.0	95.0	6.0	B	12.0	121.0	2.5	12.2	3/11/87	--	
								140.0	165.0									
								175.0	180.0									
2N/4E-32DAA(J)	6559	JAMES ROBINETT	1979	453646	1221956	515	155.0	95.0	100.0	6.0	B	8.0	58.0	2.0	14.4	4/ 5/89	--	
								150.0	155.0									
2N/4E-33AAA(A)	6560	RICHARD MURRAY	1984	453716	1221844	703	218.0	213.0	218.0	6.0	B	7.0	0.0	1.0	187.5	3/ 6/87	108	
2N/4E-33AAC(A)	6561	DAVID HORN	1980	453708	1221845	708	360.0	245.0	248.0	6.0	B	6.0	146.0	1.0	192.4	3/ 6/87	104	
								331.0	334.0									
								350.0	355.0									
2N/4E-33CAC(L)	6562	LEHMAN CONSTRUCTION COMPANY	1977	453640	1221930	550	110.0	108.0	110.0	6.0	P	20.0	10.0	2.0	18.7	3/ 6/87	48	B H O
2N/4E-34BDC(F)	6563	ORVILLE CHASE	1981	453657	1221810	725	282.0	262.0	282.0	6.0	B	10.0	20.0	1.0	231.9	3/ 6/87	99	
2N/4E-35DBD(R)	6564	DOUGLAS FRISK	1979	453636	1221621	1030	67.0	67.0	67.0	6.0	B	8.0	8.0	2.0	47.0(D)	3/ 8/79	--	
	900201		1979				121.0	68.0	121.0	6.0	B	10.0	15.0	1.5	47.2	3/ 5/87	22	B D H O
2N/4E-36ADC(H)	6565	PETE SANDSTEDT	1982	453655	1221503	300	235.0	215.0	235.0	6.0	B	5.0	200.0	1.0	16.3	3/ 6/87	--	
2N/4E-36CCA(N)	6566	THOMAS LONGMORE	1979	453635	1221555	1040	67.0	63.0	67.0	6.0	B	7.0	7.0	2.0	33.7	3/ 5/87	14	B H O
2N/4E-36CCA(N)	6567	THOMAS LONGMORE	1980	453634	1221553	1050	65.0	55.0	63.0	6.0	B	12.0	21.0	3.0	49.2	3/ 5/87	18	
								64.0	65.0									
3N/1E-10AC(J)	900037	RUDY CONTRERAS	1986	454614	1223723	262	138.0	133.0	138.0	6.0	B	30.0	25.0	1.0	73.9	4/ 4/89	115	B H O
3N/1E-2CCB(N)	900038	JOHN MATHIS	1979	454601	1223933	235	163.0	163.0	163.0	6.0	B	8.0	91.0	1.0	62.0(D)	3/19/79	246	
3N/1E-3ABB(B)	900040	STATE OF WASHINGTON	1969	454640	1224006	215	285.0	265.0	274.8	8.0	P	14.0	31.0	1.0	120.1	3/28/89	225	O
3N/1E-3CDB(M)	900039	RIDGEFIELD SCHOOL DISTRICT	1960	454557	1224033	300	196.0	169.0	196.0	8.0	P	55.0	48.0	--	120.0	4/ 5/89	210	I O
3N/1E-4AAA(A)	900041	NEIGHBORS HELPING NEIGHBORS	--	454646	1224056	371	385.0	384.5	385.0	6.0	N	--	--	--	337.4	3/28/89	--	
3N/1E-4CAA(L)	900042	KENNETH HEGEWALD	1973	454619	1224135	360	443.0	--	--	6.0	B	15.0	11.0	4.0	344.9	4/ 6/87	234	
3N/1E-5ACD(G)	900043	JAMES HILGART	1985	454622	1224232	242	278.0	263.0	268.0	6.0	B	20.0	5.0	1.0	216.7	4/ 1/88	288	B O
3N/1E-6ADA(H)	900044	DELANO HOMOLA	1968	454631	1224321	2												



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
CLARK COUNTY, WASHINGTON--Continued																		
3N/1E-20BAD(C)	900074	FRANKLIN WHITE	1951	454359	1224244	173	183.0	183.0	183.0	6.0	P	75.0	30.0	4.0	143.0(D)	10/ 1/51	383	O
3N/1E-20CDD(P)	6541	W. SCLONGA	1973	454323	1224250	190	217.0	212.0	217.0	6.0	P	50.0	12.0	1.0	173.5	4/23/87	198	O
3N/1E-21CDA(P)	6542	PAT HART	1968	454322	1224144	125	142.0	124.0	141.8	8.0	P	350.0	14.0	24.0	96.4	3/14/84	358	H I O
3N/1E-21CDA1(P)	11564	COUNTY OF CLARK	1978	454350	1224129	180	314.0	209.0	212.0	14.0	P	900.0	36.4	4.0	157.6	3/30/89	--	O P
								213.0	236.0									
								243.0	247.0									
								274.0	290.0									
								290.0	304.0									
3N/1E-22BBB(D)	6543	GLENN SOLDERS	1979	454406	1224049	191	196.0	184.0	188.0	6.0	B	8.0	30.0	1.0	124.9	4/ 5/89	298	
3N/1E-23CBD(M)	900075	LEO MOULTRIE	1951	454334	1223926	206	171.0	156.0	168.0	8.0	P	175.0	25.0	10.0	128.0(D)	12/ 2/51	--	I
3N/1E-23CDA(Q)	900076	JOHN SCHRIEBER	1949	454330	1223842	302	268.0	268.0	268.0	6.0	N	--	--	--	227.2	3/ 2/88	312	O
3N/1E-24CAA(L)	900077	ROY DARLING	1952	454341	1223749	147	748.0	70.0	748.0	12.0	P	100.0	43.0	4.0	12.0(D)	10/ 1/52	--	I O
3N/1E-24DBB(K)	900078	CLIFFORD BROCK	1956	454344	1223741	127	90.0	58.0	90.0	12.0	O	170.0	60.8	--	2.3	3/30/89	--	I
3N/1E-25ACB(G)	6544	TOM MOLYNEUX	1974	454305	1223744	219	140.0	140.0	140.0	6.0	B	20.0	23.0	1.0	99.9	3/27/89	312	B H O
3N/1E-25CCB(N)	800519	U.S. GEOLOGICAL SURVEY	--	454234	1223820	77	14.0	8.6	13.6	2.0	N	--	--	--	3.9	3/27/89	--	B H O
3N/1E-26BAC(C)	6545	LEE HUFFMAN	1977	454308	1223916	201	170.0	166.0	170.0	6.0	B	10.0	10.0	1.0	125.5	5/ 1/87	--	
3N/1E-27BCB(E)	6548	SALMON CREEK ESTATES	1969	454300	1224045	171	220.0	195.0	205.0	6.0	P	30.0	5.0	1.0	145.7	3/29/89	--	I O
3N/1E-27CDA1(P)	900379	COUNTY OF CLARK	1982	454237	1224020	25	65.0	32.8	63.1	20.0	P	1100.0	24.0	8.0	9.3	3/29/88	--	O P
3N/1E-27DD1(R)	900380	COUNTY OF CLARK	1982	454228	1223939	40	63.0	32.0	44.0	16.0	N	--	--	--	7.5	3/30/89	--	O P
								52.0	62.0									
3N/1E-28AAB(A)	6549	GLEN ROSSITER	1965	454316	1224109	171	200.0	173.0	179.0	10.0	P	400.0	15.0	6.0	155.4	3/ 2/88	--	I O
								182.0	194.0									
3N/1E-28CCD1(N)	11566	COUNTY OF CLARK	1973	454227	1224150	215	316.0	230.0	268.0	8.0	P	100.0	74.0	24.0	146.2	3/21/85	--	O P
								274.0	284.0									
								293.0	298.0									
								307.0	312.0									
3N/1E-28CCD2(N)	900455	COUNTY OF CLARK	--	454227	1224150	215	453.0	--	--	8.0	N	--	--	--	--/--	--	--	
3N/1E-29ADD(H)	900128	CHARLES DICKINSON	1981	454255	1224210	205	259.0	257.7	259.0	6.0	B	25.0	10.0	1.0	165.9	3/29/89	228	O
3N/1E-30CCD(N)	900313	COUNTY OF CLARK	1984	454231	1224420	10	797.0	600.0	640.0	4.0	N	--	--	--	-13.9(D)	7/19/84	--	D
3N/1E-30DAB(J)	900129	DONALD NELSON	1979	454245	1224321	135	193.0	193.0	193.0	6.0	A	20.0	--	1.0	137.0	3/29/89	290	B H O
3N/1E-32DAB(J)	900130	VINTON ERICKSON	1983	454159	1224220	199	314.0	240.0	314.0	6.0	B	50.0	0.0	1.0	163.0	4/29/89	--	I O
3N/1E-33ACB(G)	900131	GENE MARSH	1981	454213	1224124	213	205.0	205.0	205.0	6.0	A	30.0	--	1.0	139.6	5/ 5/87	237	
3N/1E-33BCB(E)	3957	CHURCH OF CHRIST	1955	454209	1224204	210	30.0	10.0	15.0	48.0	N	--	--	--	17.5	4/ 5/88	--	I
3N/1E-33CC1(Q)	11568	COUNTY OF CLARK	1972	454139	1224128	215	351.0	145.0	155.0	12.0	P	334.0	345.0	24.0	139.0	3/21/85	--	O P
								183.0	213.0									
								253.0	332.0									
								333.0	345.0									
3N/1E-34CCD(N)	900132	COLUMBIA RIVER HIGH SCHOOL	1961	454138	1224042	197	350.0	265.0	267.0	16.0	P	900.0	87.0	--	154.8	4/ 5/89	--	C
								288.0	300.0									
								302.0	310.0									
3N/1E-34DDD1(R)	11573	COUNTY OF CLARK	1978	454135	1223941	210	278.0	199.0	263.0	10.0	P	325.0	82.0	5.0	105.8	3/29/88	--	D O P
								236.0	273.0									
								272.0	277.0									
3N/1E-35ABA1(B)	11570	COUNTY OF CLARK	1963	454221	1223845	110	172.0	80.0	90.0	16.0	P	1000.0	13.0	6.0	75.2	3/30/89	--	O P
								106.0	111.0									
								140.0	165.0									
3N/1E-35ABA2(B)	11561	COUNTY OF CLARK	1981	454221	1223844	110	162.0	80.0	100.0	12.0	P	850.0	4.7	4.0	76.7	3/ 4/88	--	O P
								137.0	162.0									
3N/1E-35ABA3(B)	11562	COUNTY OF CLARK	1985	454221	1223844	110	102.0	60.0	70.0	6.0	P	143.0	10.5	4.5	49.3(D)	12/19/85	--	
								75.0	85.0									
3N/1E-36AAD1(A)	3282	COUNTY OF CLARK	1978	454216	1223716	250	434.0	183.0	235.0	14.0	P	1250.0	42.6	24.0	125.0(D)	2/ 8/78	--	O P
								250.0	265.0									
								380.0	424.0									
	11565		1980			435.0		183.0	235.0	6.0	P	200.0	--	--	283.8	3/30/89	--	D
								250.0	265.0									
								386.0	429.0									
3N/1E-36ABD(B)	900133	TERRY GAYA	1971	454216	1223730	244	146.0	139.0	144.0	6.0	B	27.0	8.0	4.0	97.4	3/27/89	325	
3N/1W-1ADD(H)	6521	SID ROTH	1977	454620	1224430	144	185.0	185.0	185.0	6.0	B	22.0	9.0	2.0	137.6	3/28/89	309	B H O
3N/1W-1DAA(J)	900045	HENRY RAZ JR.	1969	454614	1224430	132	245.0	230.0	245.0	8.0	P	97.0	25.0	2.0	120.0(D)	4/10/69	--	I
3N/1W-25BDC(F)	6522	FAZIO BROS	1984	454256	1224523	18	95.0	90.0	95.0	6.0	B	60.0	3.0	1.0	10.0(D)	6/12/84	617	
3N/1W-25DBA(K)	6523	FAZIO BROS	1968	454245	1224452	13	293.0	238.0	254.0	10.0	P	500.0	20.0	--	--	3/29/89	--	O
								265.0	276.0									
3N/1W-25DCB(Q)	6524	FAZIO BROS	1968	454238	1224507	21	333.0	254.0	262.0	10.0	N	--	--	--	--	3/29/89	--	I O
								271.0	278.0									
								295.0	318.0									
3N/1W-36ADA(H)	6525	FAZIO BROS	1964	454212	1224436	11	189.0	189.0	189.0	8.0	P	750.0	6.0	--	--	3/29/89	374	I O
3N/2E-1BAB(C)	2708	BOB MCKUSICK	1986	454647	1223032	345	112.0	92.0	112.0	6.0	B	15.0	70.0	1.0	9.4	3/29/88	111	
3N/2E-2BBB(D)	900134	ANDERSEN DAIRY	1940	454649	1223202	292	431.0	113.0	132.0	12.0	N	--	--	--	73.5	3/29/88	--	I
3N/2E-3AAD1(K)	900333	NORTHWEST NATURAL GAS	1978	454641	1223211	287	252.0											



Table 1--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Well performance			Water level		Specific conductance	Remarks	
								Top	Bottom		Test method	Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum			Date
CLARK COUNTY, WASHINGTON--Continued																		
3N/2E-9CAD(L)	2754	HIL VANDERMEER	1978	454518	1223402	280	302.0	292.0	302.0	6.0	B	23.0	138.0	2.0	130.9	3/29/88	211	
3N/2E-100DB(R)	2766	JACK DOTY	1976	454515	1223222	273	270.0	245.0	260.0	8.0	P	60.0	51.0	4.0	180.4	3/29/88	274	I O
3N/2E-118CD(E)	2771	LARRY PIERSON	1986	454536	1223159	281	88.0	88.0	88.0	6.0	B	15.0	32.0	1.0	49.0(D)	3/ 5/86	178	
3N/2E-120BB(K)	2773	JIM KALIAN	1983	454533	1223013	258	97.0	97.0	97.0	6.0	A	40.0	--	1.0	9.1	3/29/88	249	B H O
3N/2E-13ACB(G)	2780	ROY KING	1979	454452	1223012	283	122.0	119.0	121.0	8.0	B	36.0	20.0	1.0	46.6	3/29/88	216	O
3N/2E-14CBC(M)	2814	ROBERT SHARP	1974	454428	1223204	291	180.0	180.0	180.0	6.0	B	12.0	65.0	1.0	106.7	3/29/88	193	B H O
3N/2E-150AC(J)	2830	SKYLER SMICK	1974	454428	1223218	276	160.0	160.0	160.0	6.0	B	24.0	15.0	1.0	85.0(D)	4/27/74	198	O
3N/2E-150AD(J)	2832	CHARLES WILCOX JR.	1974	454428	1223212	283	122.0	121.5	122.0	6.0	B	15.0	33.0	1.0	74.3	3/29/88	256	
3N/2E-168BC(D)	2841	DAVE KANGAS	1966	454452	1223437	273	141.0	141.0	141.0	6.0	B	40.0	5.0	1.0	89.8	3/31/88	200	D O
3N/2E-170CC(Q)	900143	JOHN MORGAN	1952	454414	1223511	245	304.0	113.0	119.0	8.0	P	140.0	42.0	--	85.7	3/31/88	--	
								230.0	304.0									
3N/2E-170DC(R)	2847	LINBO	1979	454418	1223452	261	151.0	151.0	151.0	6.0	B	24.0	23.0	2.0	62.0(D)	4/ 3/79	241	
3N/2E-188AA(C)	2881	MANOR FARMS	1968	454503	1223633	209	140.0	126.0	136.0	12.0	P	400.0	76.9	1.0	6.7	3/31/88	--	I O
3N/2E-188BB(D)	900144	JOSEPH PAGEL	1953	454458	1223706	220	220.0	42.0	47.0	8.0	P	60.0	20.0	--	27.0(D)	6/ 1/53	160	
								90.0	94.0									
3N/2E-198BA(D)	2905	DENNIS STEWART	1963	454411	1223657	214	153.0	153.0	153.0	6.0	P	75.0	34.0	24.0	35.4	3/30/89	294	I O
3N/2E-20ADA(H)	2926	COLUMBIA ADVENTIST ACADEMY	1979	454359	1223442	256	248.0	227.0	248.0	6.0	P	330.0	87.0	5.0	92.0(D)	5/31/79	150	I O
3N/2E-21AAB(A)	900145	KENNETH KANGAS	1955	454407	1223337	258	139.0	130.0	138.0	6.0	P	115.0	41.0	--	74.0(D)	5/15/55	218	
3N/2E-21AAC(A)	900146	FOREST COTTON	1954	4544 3	1223335	264	148.0	132.0	145.0	8.0	P	75.0	63.0	--	81.5	3/30/88	--	
3N/2E-21ABC1(B)	800525	U.S. GEOLOGICAL SURVEY	1987	4544 2	12234 0	182	17.0	11.7	16.7	2.0	N	--	--	--	-0.1	3/27/89	--	
3N/2E-21ABC2(B)	800526	U.S. GEOLOGICAL SURVEY	1987	4544 2	12234 0	182	22.0	16.9	21.9	2.0	N	--	--	--	-0.8	3/27/89	--	
3N/2E-210AB(J)	900147	DENNIS LAGLER	1953	454344	1223341	290	290.0	150.0	180.0	12.0	P	350.0	130.0	--	103.8	3/30/88	--	H O
								270.0	290.0									
3N/2E-22AAD(A)	2965	COUNTRY MANOR MOBILE VILLAGE	1978	454405	1223217	295	207.0	181.0	207.0	8.0	P	250.0	--	4.0	107.7	3/29/88	--	O
3N/2E-23ABB(B)	900148	DONALD WHITE	1949	454407	1223127	285	138.0	135.0	138.0	6.0	P	74.0	--	--	58.6	7/ 7/87	188	
3N/2E-23ADA(H)	900149	CLARENCE USKOSKI	1954	454355	1223056	295	194.0	193.0	194.0	8.0	P	200.0	0.0	--	75.7	3/31/89	244	O
3N/2E-23BAB1(C)	11577	COUNTY OF CLARK	--	454413	1223148	280	238.0	--	--	--	N	--	--	--	70.0(D)	5/15/66	--	D
3N/2E-23BAB2(C)	11576	COUNTY OF CLARK	1966	454413	1223148	280	171.0	153.0	168.0	8.0	P	43.0	41.0	1.0	68.4(D)	6/23/66	--	
3N/2E-23BAB3(C)	900385	COUNTY OF CLARK	1981	454413	1223148	282	176.0	147.0	173.0	12.0	N	--	--	--	68.1	4/30/87	--	
3N/2E-23BAB(D)	900150	MARY JANE HALLOCK	--	454411	1223156	290	93.0	20.0	93.0	--	N	--	--	--	76.2	3/29/88	95	
3N/2E-23CAB(L)	2997	LARRY KYTOLA	1970	454342	1223144	293	323.0	194.0	204.0	8.0	P	200.0	55.0	1.0	98.1	3/31/89	262	I O
								242.0	252.0									
								262.0	272.0									
								282.0	292.0									
3N/2E-23CBC(M)	2989	EINO HILL	1983	454341	1223202	298	238.0	237.5	237.5	--	A	96.0	--	1.0	117.9	3/31/89	268	I
3N/2E-230AD(J)	900151	EARL KREINBRING	1954	454340	1223102	295	195.0	135.0	140.0	10.0	P	240.0	85.0	--	84.4	3/31/89	236	H I O
3N/2E-240CC(P)	900152	W. BENNETT	1952	454328	1223036	280	158.0	138.0	152.0	10.0	P	420.0	73.0	5.0	60.4	3/31/89	245	I
3N/2E-250CA(L)	900219	BARBARA KREINBRING	1953	454247	1223032	275	305.0	--	--	8.0	P	300.0	11.0	8.0	67.1	3/31/89	--	B H I O
3N/2E-250CB(M)	3005	WOODHOUSE	1973	454246	1223043	275	195.0	178.0	188.0	6.0	B	28.0	53.0	1.0	69.0	3/30/88	208	I
3N/2E-260CC(P)	3017	VERN THOMAS	1979	454231	1223144	283	125.0	119.0	125.0	6.0	B	30.0	70.0	2.0	67.1	3/31/89	--	
3N/2E-260DD(R)	3022	TIM SCHWAB	1970	454233	1223103	280	192.0	192.0	192.0	6.0	B	20.0	58.0	1.0	76.0(D)	6/15/70	179	
3N/2E-270BD(F)	900153	DENNIS LAGLER	1948	454304	1223303	287	253.0	253.0	253.0	6.0	P	170.0	27.0	4.0	80.0(D)	12/29/48	170	
3N/2E-270CD(F)	900154	DENNIS LAGLER	1953	454300	1223258	287	295.0	116.0	120.0	12.0	P	500.0	52.0	--	119.0	3/30/89	157	
								128.0	141.0									
								143.0	151.0									
								213.0	229.0									
								250.0	275.0									
3N/2E-27CCD(N)	3030	ELWIN BOWMYER	1961	454230	1223310	283	317.0	310.5	315.5	6.0	P	72.0	44.0	1.0	133.1	3/30/89	161	I
3N/2E-28AAB(A)	900319	W.M. SUMRILL	1965	454318	1223341	285	68.0	63.0	68.0	6.0	B	6.0	15.0	1.0	44.2	3/30/89	--	
3N/2E-28ADD(H)	3064	WALT STADELMAN	1981	454300	1223327	288	208.0	208.0	208.0	6.0	A	18.0	--	1.0	88.5	3/30/89	171	B H O
3N/2E-28BAB(C)	900220	BATTLEGROUND SCHOOL DISTRICT	--	454314	1223411	278	247.0	163.0	240.0	8.0	P	120.0	130.0	4.0	95.2	3/30/89	178	C
3N/2E-290BD(K)	3083	JACK PARSONS	1986	454242	1223458	195	60.0	35.0	55.0	8.0	P	350.0	22.0	4.0	3.2	3/27/89	176	I
3N/2E-30AAA(A)	3111	ROBERT HUFFSTUTLER	1977	454317	1223555	198	67.0	55.0	67.0	6.0	B	20.0	35.0	1.0	12.2	3/27/89	--	B H O
3N/2E-30BAB(C)	900221	GEORGE PHILBROOK	1956	454316	1223647	232	246.0	85.0	115.0	8.0	P	120.0	118.0	--	49.9	3/27/89	--	I O
								140.0	160.0									
								205.0	211.0									
								223.0	236.0									
3N/2E-30BB(D)	900155	GEORGE PHILBROOK	1968	454313	1223649	231	655.0	260.0	292.0	8.0	P	525.0	27.0	8.0	132.1	3/31/88	--	I O
								585.0	655.0									
3N/2E-30CDA(P)	3094	SELFIDGE CONST	1986	454239	1223633	240	180.0	175.0	180.0	6.0	A	8.0	--	1.0	54.1	3/27/89	--	B H O
3N/2E-31CBC1(M)	11569	COUNTY OF CLARK	1972	454154	1223700	252	449.0	185.0	240.0	12.0	P	763.0	114.0	24.0	131.6	3/30/89	--	O P
								260.0	295.0						</			



Table 1--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Well performance			Water level		Specific conductance	Remarks	
								Top	Bottom		Test method	Yield (gal/min)	Drawdown (feet)	Test period (hours)	Feet below datum			Date
CLARK COUNTY, WASHINGTON--Continued																		
3N/3E-288B81(D)	900384	COUNTY OF CLARK	--	454316	1222711	491	160.0	50.0	160.0	8.0	N	--	--	--	17.4	3/30/89	--	
3N/3E-308AB(C)	2585	VICTOR BLOOMQUIST	1977	454319	1222918	281	180.0	134.2	171.7	8.0	P	109.0	36.5	8.0	54.6	5/31/88	321	I
								136.0	173.5									
								174.2	178.2									
3N/3E-308CC(E)	2584	VICTOR BLOOMQUIST	1976	454301	1222937	262	164.0	109.7	132.7	10.0	P	200.0	47.0	8.0	43.0	3/29/89	--	I O
								111.0	134.0									
								134.7	154.7									
								136.0	156.0									
								162.7	164.7									
3N/3E-31CBB(M)	2586	VICTOR BLOOMQUIST	1973	454158	1222937	266	180.0	113.5	118.5	10.0	P	390.0	44.0	2.0	37.8	3/29/89	--	I O
								115.0	120.0									
								119.0	126.5									
								120.5	128.0									
3N/3E-340DD(R)	500105	U.S. DEPT. OF THE ARMY	1978	454141	1222446	341	385.0	251.0	385.0	20.0	P	77.0	--	12.0	7.3	3/29/89	--	
4N/1E-18AD(C)	794	MIKE HART	1973	455149	1223751	350	189.0	149.0	173.0	6.0	B	3.0	56.0	1.0	166.0	4/ 4/89	90	
4N/1E-28CA(E)	802	M. KACALEK	1977	455142	1223920	139	220.0	220.0	220.0	6.0	B	10.0	99.0	1.0	48.7	3/29/89	130	B H O
4N/1E-30DC(P)	806	GERALD HEADLEY	1979	455113	1224029	145	201.0	196.0	201.0	6.0	B	15.0	5.0	1.0	135.0(D)	4/25/79	220	
4N/1E-48AC1(C)	812	F.R. PEARSON	1976	455152	1224144	120	400.0	312.0	315.0	6.0	P	4.0	334.0	3.0	14.8	4/ 4/89	--	
								350.0	355.0									
								367.0	370.0									
4N/1E-48AC2(C)	900332	F.R. PEARSON	--	455151	1224143	120	--	--	--	--	N	--	--	--	13.7	4/ 5/88	140	
4N/1E-5ACC(G)	819	GUSS RICHARDSON	1971	455135	1224239	248	300.0	288.0	293.0	6.0	P	13.0	12.0	2.0	233.0(D)	6/10/71	--	
4N/1E-6ABD(B)	823	GARY COOPER	1977	455152	1224344	130	282.0	277.0	282.0	6.0	B	6.5	147.0	2.0	114.6	4/ 4/89	--	B H O
4N/1E-7ADD(H)	841	JOHN HAROLD	1974	455047	1224329	247	367.0	357.0	367.0	6.0	B	20.0	5.0	4.0	234.1	4/ 5/89	235	
4N/1E-7CBC(M)	832	DOM CARRIER	1978	455029	1224425	175	58.0	43.0	48.0	6.0	B	7.0	4.0	1.0	26.0(D)	9/18/78	--	
4N/1E-8CBA(M)	846	LOWELL MORRIS	1968	455036	122438	242	335.0	325.0	335.0	6.0	P	40.0	7.0	4.0	234.0(D)	7/11/68	224	
4N/1E-9BCA(E)	854	CARL CARLSON	1976	455051	1224152	263	340.0	323.0	333.0	6.0	B	20.0	25.0	1.0	249.8	4/ 5/89	235	B H O
4N/1E-10BCB(E)	866	JAMES RELYEA	1972	455053	1224049	279	338.0	337.0	338.0	6.0	B	11.0	42.0	1.0	257.6	4/ 5/89	191	
4N/1E-11CCC(N)	869	EARL BROWNER	1978	455017	1223933	287	322.0	322.0	322.0	6.0	A	10.0	--	1.0	255.0	4/ 3/89	128	B H O
4N/1E-12DBB(K)	883	GUY WILLIAMS	1971	455041	1223742	200	187.0	179.0	187.0	6.0	P	15.0	10.0	3.0	150.1	4/ 3/89	629	B H O
4N/1E-13ABA(B)	897	GLENN HUNTING	1969	455015	1223728	165	142.0	132.0	142.0	6.0	P	18.0	4.0	4.0	117.9	4/ 3/89	283	B H O
4N/1E-14BDC(F)	906	MIKE LEHMAN	1982	454952	1223917	298	320.0	315.0	320.0	6.0	B	15.0	11.0	1.5	277.0	4/ 5/89	154	I
4N/1E-15ADD(H)	916	TOM RICHARDS	1975	454950	1223939	280	315.0	309.0	314.0	6.0	B	15.0	35.0	1.0	248.2	4/ 6/88	192	
4N/1E-16CCD(N)	919	R.D. SMITH	1965	454926	1224150	252	275.0	262.0	272.0	6.0	B	50.0	10.0	2.0	235.0(D)	5/ 7/65	205	I
4N/1E-17ACC(G)	931	AL MANCUSO	1975	454951	1224243	261	290.0	279.0	284.0	6.0	B	12.0	32.0	1.0	236.4	11/20/87	207	
4N/1E-18DAD(J)	939	RUSSELL SWINEHART	1979	454938	1224329	250	445.0	415.0	445.0	6.0	B	13.0	112.0	2.0	225.9	3/29/89	360	
4N/1E-19ADD(C)	959	NORTHWEST NATURAL GAS	1963	454858	1224326	105	327.0	--	--	--	U	--	--	--	--	--	--	
4N/1E-19BDA1(F)	952	CITY OF RIDGEFIELD	1986	454903	1224406	40	193.0	153.0	184.5	8.0	P	400.0	42.5	4.0	28.0	3/29/89	--	
4N/1E-19BDB2(F)	960	CITY OF RIDGEFIELD	--	454906	1224414	35	163.0	141.0	164.0	10.0	P	130.0	23.7	3.0	21.0(D)	2/14/67	--	O P
								152.5	160.5									
4N/1E-19BDB3(F)	900398	CITY OF RIDGEFIELD	1978	454907	1224412	35	167.0	144.0	164.0	8.0	P	255.0	69.5	5.6	23.1	3/29/89	--	D
4N/1E-19BDB4(F)	951	CITY OF RIDGEFIELD	1986	454904	1224408	40	195.0	145.5	166.0	8.0	P	400.0	41.4	4.0	20.0	3/29/89	--	
								171.0	186.5									
4N/1E-19BDD1(F)	950	CITY OF RIDGEFIELD	1986	454902	1224403	40	208.0	162.5	199.5	8.0	P	400.0	37.9	24.0	22.4	3/29/89	--	
4N/1E-20AAA(A)	974	S.E. SIMPSON	1972	454916	1224209	253	213.0	203.0	213.0	6.0	B	18.0	1.0	6.0	181.3	3/30/89	223	
4N/1E-21DBC(K)	979	PORT OF RIDGEFIELD	1985	454850	1224122	260	458.0	326.3	342.0	5.0	P	330.0	20.2	24.0	212.7(D)	7/ 9/85	--	C
								367.3	377.8									
								437.8	443.1									
4N/1E-21DBD(K)	900476	ADAMS-BENEDICT OIL CO.	1959	454849	1224114	270	2578.0	--	--	--	N	--	--	--	--	--	--	
4N/1E-22ACD(G)	985	GARY HEIN	1980	454902	1224009	273	291.0	285.0	290.0	6.0	B	25.0	25.0	1.0	242.0(D)	6/17/80	191	
4N/1E-22DD(R)	988	ROBERT ZIMMERLY	1965	454833	1223939	257	296.0	281.0	296.0	9.9	P	180.0	51.0	0.5	223.2	3/30/89	--	B H I O
4N/1E-23CCD(P)	996	MIKE LEE	1968	454833	1223913	267	214.0	193.0	198.0	6.0	P	30.0	8.0	6.0	156.0	3/30/89	180	
4N/1E-24CCD(N)	1005	LAURIE NICOLL	1968	454835	1223808	246	319.0	304.0	319.0	6.0	B	15.0	36.0	1.0	152.7	11/10/87	169	
4N/1E-25CAC(L)	1035	JOEL DAVIS	1979	454757	1223758	261	216.0	203.0	216.0	6.0	P	30.0	25.0	2.0	135.7	3/30/89	193	
4N/1E-26BCB(E)	1053	JOHN LLOYD	1979	454817	1223934	262	223.0	218.0	223.0	6.0	B	10.0	30.0	2.0	148.8	3/30/89	207	
4N/1E-26CBC(M)	900438	ROBINSON COLD STORAGE	1951	454754	1223932	263	675.0	120.0	285.0	8.0	P	13.0	--	--	96.7	4/23/51	180	C
4N/1E-27ABB(B)	987	ROBERT ZIMMERLY	1966	454831	1224008	268	195.0	195.0	195.0	--	P	225.0	23.5	8.0	167.1	3/30/89	--	B H O
4N/1E-27BBC(D)	1064	PRESTON KIDWELL	1979	454824	1224044	265	215.0	196.0	206.0	6.0	B	13.5	17.0	1.0	178.0(D)	5/14/79	223	
4N/1E-27DAD(J)	1063	EDGEWOOD CONSTRUCTION	1977	454753	1223944	280	295.0	140.0	145.0	8.0	P	60.0	9.0	2.0	113.0(D)	1/25/77	243	O
								150.0	156.0									
								160.0	168.0									
4N/1E-28DAA(J)	1069	RON MCKEE	1982	454759	1224054	225	174.0	154.0	164.0	6.0	B	20.0	62.0	2.0	110.7	3/30/89	255	
4N/1E-29CDA(P)	1092	RIDGEFIELD SCHOOL DISTRICT	1968	454751	1224252	280	411.0	401.0	411.0	8.0	P	62.0	34.0	12.0	251.5	3/30/89	--	
4N/1E-30DD(B)	101																	



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Test method	Well performance			Water level		Specific conductance	Remarks
								Top	Bottom			Yield (gal/min)	Draw-down (feet)	Test period (hours)	Feet below datum	Date		
CLARK COUNTY, WASHINGTON--Continued																		
4N/2E-190CB(Q)	1390	JIM AYERS	1978	454842	1223629	195	232.0	212.0	232.0	6.0	B	11.0	45.0	1.0	139.3	3/30/88	120	
4N/2E-20CDB(M)	1421	JAMES D. BROWN	1972	454852	1223545	69	312.0	267.0	311.0	6.0	B	45.0	8.0	4.0	31.8	3/30/88	180	
4N/2E-21AAA(A)	1453	MAURICE KELLEY	1967	454926	1223327	318	249.0	244.0	249.0	6.0	B	7.0	25.0	--	209.9	3/29/88	75	
4N/2E-22CAD(L)	1489	PARKSIDE AIRPORT ASSOCIATION	1966	454852	1223251	265	273.0	259.0	272.0	8.0	P	120.0	53.0	8.0	140.7	3/31/89	58	
4N/2E-23ABA(B)	1516	DEAN RIGGINS	1976	454928	1223121	442	322.0	296.0	304.0	6.0	B	8.0	24.0	1.0	268.1	3/31/89	--	B H O
4N/2E-230BA(K)	11581	COUNTY OF CLARK	1978	454902	1223118	442	370.0	323.0	328.0	8.0	P	282.0	40.0	24.0	264.8	3/20/85	--	O P
								333.0	348.0									
								359.0	370.0									
4N/2E-24BBD(D)	1538	GARY PARTON	1978	454917	1223042	505	220.0	83.0	88.0	6.0	B	1.5	26.0	1.0	89.7	3/31/89	--	
								91.0	96.0									
								98.0	102.0									
								113.0	118.0									
								121.0	220.0									
4N/2E-25CBA(M)	1564	HANS TANNINICH	1977	454810	1223040	455	330.0	324.5	329.5	6.0	B	6.0	2.0	1.0	310.7	3/29/88	97	B O
4N/2E-26CBD(M)	1613	PHILIP SCHAEFER	1981	454758	1223159	352	164.0	164.0	164.0	6.0	B	25.0	28.0	1.0	124.8	3/31/89	175	
4N/2E-27AAD(A)	1681	NIELSON CONST	1979	454825	1223217	395	305.0	300.0	305.0	6.0	B	20.0	21.0	2.0	249.2	3/29/88	75	
4N/2E-28CCC(N)	1697	WILLIAM HIDDEN	1979	454744	1223435	270	169.0	166.3	169.0	6.0	U	--	--	--	70.0	3/30/88	118	
4N/2E-29AAD(A)	1708	TED VEITENHEIMER	1978	454828	1223445	100	200.0	180.0	200.0	6.0	P	350.0	0.0	18.0	7.3	3/30/88	80	
4N/2E-30CAD(L)	1727	COLCLESSER	1977	454754	1223641	201	126.0	121.0	126.0	6.0	B	15.0	70.0	1.0	14.9	3/30/88	125	B H O
4N/2E-31CBB(M)	1784	RICHARD THOMPSON	1967	454709	1223704	230	209.0	190.5	199.8	6.0	P	75.0	36.0	1.0	91.4	3/30/88	160	
4N/2E-32BBA(D)	1796	S. HARKINS	1971	454739	1223546	232	155.0	155.0	155.0	6.0	N	--	--	--	65.0(D)	5/22/71	180	I
	1795		1971				160.0	155.0	160.0	6.0	B	10.0	--	2.0	53.4	3/30/88	180	D
4N/2E-32DDCC(R)	900362	NORTHWEST PIPELINE	1959	454651	1223458	260	502.0	--	--	--	N	--	--	--	--	--	--	
4N/2E-330CC(Q)	1807	DONALD TROUT	--	454652	1223402	268	185.0	185.0	185.0	8.0	P	200.0	15.0	1.0	80.1	3/30/88	--	B H I O
4N/2E-35BAD(C)	1811	ROW STEIGMAN	1983	454734	1223136	319	445.0	320.0	335.0	6.0	B	18.0	110.0	1.0	168.1	3/31/89	75	I
								420.0	430.0									
4N/2E-36DDC(R)	1832	RONALD WIGER	1977	454654	1222950	484	445.0	295.0	312.0	6.0	B	1.0	224.0	2.0	107.1	3/31/89	--	
								316.0	331.0									
								336.0	350.0									
								350.0	444.0									
4N/3E-28BC1(D)	1855	CITY OF YACOLT	1975	455151	1222447	680	160.0	45.0	55.0	8.0	P	42.0	96.0	8.0	5.5	3/28/89	--	O P
								100.0	160.0									
4N/3E-28BD1(D)	1852	CITY OF YACOLT	1973	455151	1222436	680	125.0	105.0	115.0	6.0	P	120.0	30.0	1.0	9.9	3/24/88	--	
	900012		1980				126.0	91.0	96.0	6.0	P	110.0	7.6	4.0	39.5(D)	7/29/80	--	D O P
								106.0	116.0									
4N/3E-28BD2(D)	900401	CITY OF YACOLT	1983	455151	1222435	700	80.0	65.2	69.2	8.0	A	100.0	--	1.5	22.1	3/28/89	--	
								71.2	80.2									
4N/3E-17BBC(D)	1917	JERRY JULSON	1978	455010	1222828	373	65.0	45.0	65.0	6.0	B	20.0	10.0	1.0	2.5	3/31/89	208	
4N/3E-280DB1(R)	11578	BELLS MOUNTAIN DEVELOPMENT COMPANY	1967	454757	1222616	662	425.0	278.5	425.0	6.0	P	100.0	1.6	8.0	182.0(D)	3/ 4/67	--	
4N/3E-280DB2(R)	11579	COUNTY OF CLARK	1972	454757	1222616	662	435.0	213.0	435.0	10.0	P	635.0	27.0	0.5	249.4	3/30/89	--	O P
4N/3E-29CAC(L)	1989	JAY PRICE	1979	454759	1222805	545	298.0	190.0	195.0	6.0	B	20.0	63.0	2.0	99.3	5/ 5/88	279	
								240.0	245.0									
								285.0	290.0									
4N/3E-29CCB(N)	1981	C.M. JACOBSON	1970	454751	1222823	561	300.0	220.0	230.0	6.0	B	8.0	80.0	4.0	120.2	2/ 7/89	508	
								240.0	260.0									
								270.0	280.0									
								285.0	295.0									
4N/3E-32BBD(D)	2001	LARRY BESHORE	1983	454732	1222816	623	364.0	355.0	360.0	6.0	B	6.0	98.0	1.0	267.3	5/ 6/88	222	
5N/1E-80CA(Q)	2	HOLMES	1978	455540	1224220	45	102.0	98.0	102.0	6.0	B	14.0	15.0	1.5	21.8	3/28/89	--	
	110		1978				206.0	191.0	196.0	6.0	B	15.0	65.0	4.5	25.6(D)	5/23/78	--	D
5N/1E-9ADC(H)	900126	MARY JONES	--	453109	1224057	51	149.0	--	--	6.0	N	--	--	--	28.5	4/ 4/89	--	
5N/1E-9CDB(P)	10	GLEN PARKS	1976	455540	1224135	43	189.0	175.0	184.0	6.0	B	5.0	123.0	2.0	22.5(D)	4/ 9/76	--	
5N/1E-10BCD(Q)	900458	GEORGE HOFFMAN	--	455558	1224028	53	--	--	--	--	N	--	--	--	33.4	5/ 8/87	--	D
5N/1E-10BCD(F)	12	LLOYD BJORGE	1978	455554	1224020	56	86.0	86.0	86.0	6.0	B	15.0	3.0	1.0	30.7	3/29/89	--	B H D
5N/1E-11DAB(J)	19	ROBERTA VANTASSEL	1975	455547	1223828	185	152.0	152.0	152.0	6.0	B	10.0	0.0	2.0	135.7	3/28/89	195	D
5N/1E-11DCD(Q)	16	ROBERT KYSTAR	1975	455530	1223838	222	158.0	153.0	198.0	6.0	B	10.0	11.0	1.0	136.6	3/28/89	194	
5N/1E-13CCA(N)	28	DENNIS SORESENSEN	1982	455441	1223757	623	227.0	95.0	227.0	6.0	B	7.0	120.0	1.0	155.3	3/28/89	243	
5N/1E-14CCD(P)	31	THOMAS BOTTS	1980	455440	1223854	330	618.0	477.5	618.0	6.0	N	--	--	--	5/ 6/80	--		
5N/1E-15BCB(E)	36	BRUCE CRAWFORD	1981	455513	1224040	495	100.0	80.0	100.0	6.0	B	20.0	5.0	1.0	58.1	3/28/89	80	
5N/1E-15CCC(N)	33	STEVE HERZ	1978	455439	1224044	588	580.0	550.0	580.0	6.0	A	5.3	--	1.0	322.3	3/28/89	201	
5N/1E-160AC(J)	45	SYBIL YOUNAN	1974	455454	1224057	403	566.0	546.0	566.0	6.0	A	50.0	--	1.0	125.2	4/ 4/88	185	O
5N/1E-160DA(R)	47	FRANK TITZLER	1972	455448	1224046	505	468.0	295.0	465.0	6.0	B	1.0	--	4.0	278.4	3/28/89	278	
5N/1E-17BD1(E)	52	DARRYL BROWN	1976	455503	1224257	92	110.0	91.0	110.0	6.0	A	40.0	--	1.0	57.8	3/28/89	287	
5N/1E-180CD(Q)	55	JOHN GLAVIN	1979	455436	1224334	250	180.0	90.0	180.0	6.0	B	5.5	8.0	4.0	90.0(D)	11/12/79	--	
	56		1985				247.0	182.0	247.0	6.0	P	10.0	61.0	1.0	77.0(D)	7/26/85	180	D
5N/1E-190BC(K)	63	PAUL ZIMMERLY																



Table 1.--Records of selected wells in the Portland Basin--Continued

Well location number	Well identification number	Owner	Date drilled	Latitude	Longitude	Altitude (feet)	Depth of well (feet)	Depth of open interval (feet)		Well diameter (inches)	Well performance			Water level		Specific conductance	Remarks	
								Top	Bottom		Test method	Yield (gal/min)	Draw down (feet)	Test period (hours)	Feet below datum			Date
CLARK COUNTY, WASHINGTON--Continued																		
5W/1E-33CAB(B)	900361	NORTHWEST PIPELINE	--	455224	1224141	165	400.0	--	--	--	M	--	--	--	--/---/---	--		
5W/1E-33CDA(P)	807	EMERSON	1978	455209	1224124	168	320.0	98.0	320.0	6.0	A	1.5	--	1.0	50.0(D)	3/27/78	--	
5W/1E-34ABA(B)	327	BARTHOLD SORGE	1981	455249	1223954	575	500.0	192.0	500.0	6.0	B	20.0	245.0	1.0	167.0	3/29/89	--	
5W/1E-34ACD2(G)	325	CITY OF LA CENTER	1980	455225	1223952	410	255.0	239.0	255.0	8.0	P	72.0	37.5	5.0	167.9(D)	7/24/80	D O P	
5W/1E-34ACD3(G)	318	CITY OF LA CENTER	1984	455224	1223950	410	257.0	220.3	225.5	8.0	A	75.0	--	1.0	188.7	3/28/89	--	
								225.5	257.0									
5W/1E-34DBA(K)	900400	CITY OF LA CENTER	1951	455224	1223952	400	231.0	229.0	231.0	8.0	P	75.0	85.0	4.0	185.7	3/28/89	--	
5W/1E-35DBC(K)	335	EARL BOYER	1978	455212	1223846	293	119.0	79.0	119.0	6.0	B	5.0	11.0	1.0	96.9	4/ 6/89	--	
5W/1E-36DCD(Q)	343	DEAN EVERSAL	1985	455204	1223725	541	125.0	100.0	125.0	6.0	P	4.0	8.0	4.0	107.0	4/ 4/89	120	
5W/2E-8ABA(B)	372	CEDAR CREEK GRIST MILL	1982	455616	1223454	183	210.0	22.0	189.0	6.0	A	160.0	--	4.5	8.0(D)	3/29/82	151	
5W/2E-9DAA(J)	377	ANITA BLEHM	1975	455550	1223320	435	459.0	300.0	459.0	6.0	P	3.5	286.0	1.0	153.9	4/ 4/89	--	
5W/2E-15DBA(K)	411	ROBERT PEARSON	1979	455459	1223230	741	200.0	190.0	199.0	6.0	A	37.0	--	1.0	109.7	3/28/89	116	
5W/2E-19ABA(B)	564	LARRY SCHLECHT	1981	455433	1223610	821	200.0	158.3	200.0	6.0	B	30.0	30.0	1.0	1.0(D)	3/31/81	199	
5W/2E-21DBB(R)	594	KEN WINKLEMAN	1985	455355	1223333	835	345.0	335.0	345.0	6.0	B	3.5	290.0	1.5	50.0(D)	12/28/85	185	
5W/2E-23CCA(N)	626	J. BRANTLEY	1977	455352	1223149	820	381.0	341.0	381.0	6.0	B	6.0	195.0	2.0	196.4	3/28/89	200	
5W/2E-27CDD(P)	691	GARY CRAWFORD	1970	455255	1223247	735	205.0	194.9	204.9	6.0	B	8.0	--	--	101.1	5/ 3/88	176	
5W/2E-30BCB(E)	716	CHARLES HEIGEGGER	1974	455329	1223700	690	218.0	182.0	187.0	6.0	B	12.0	13.0	2.0	173.0(D)	9/ 6/74	--	
								192.0	197.0									
								203.0	208.0									
								211.0	216.0									
5W/2E-34ACC(G)	763	ALBERT MAY	1974	455229	1223232	712	115.0	96.0	100.0	6.0	B	15.0	31.0	4.0	75.6	3/29/89	91	
	764		1979				300.0	96.0	100.0	6.0	B	15.0	40.0	2.0	--	--/---/---	--	
								105.0	108.0								D	
								111.0	114.0									
								116.0	119.0									
								135.0	300.0									
5W/3E-12CDD(P)	900481	MT. ST. HELENS NATIONAL MONUMENT	--	455532	1222243	497	115.0	46.0	53.0	8.0	P	130.0	1.3	7.0	7.5	3/30/89	102	
								66.0	72.0									
								107.0	115.0									
5W/3E-14BCA(E)	450	SCOTT WASER	1967	455510	1222418	450	47.0	33.0	47.0	12.0	P	335.0	13.8	1.0	7.0	3/31/89	122	
5W/3E-15ABB(B)	456	JAMES HARPE	1977	455522	1222510	435	50.0	20.0	45.0	12.0	P	240.0	18.0	4.0	4.3	3/30/89	--	
5W/3E-15ABD(B)	451	KENNETH GOLL	1979	455518	1222458	439	40.0	25.0	36.0	12.0	P	515.0	6.0	1.0	2.7	4/ 4/88	109	
								36.0	48.0									
5W/3E-15CAA(L)	452	VICTOR CLINGEN	1977	455502	1222512	428	50.0	20.0	41.0	12.0	P	235.0	21.0	4.0	3.4	3/30/89	101	
5W/3E-15DBA(K)	453	LAWRENCE WILLIAMS	1977	455500	1222458	430	44.0	20.0	37.0	12.0	P	205.0	20.0	11.0	3.5	3/30/89	92	
5W/3E-16CDB(P)	472	AMBOY SCHOOL	0970	455447	1222635	437	400.0	33.5	400.0	8.0	P	40.0	374.5	1.0	44.9	3/30/89	138	
5W/3E-16CDC(P)	470	EARL NICHOLS	1968	455437	1222641	407	31.0	26.0	31.0	6.0	P	50.0	0.0	--	4.4	4/ 6/88	99	
5W/3E-21CAD(L)	510	ROBERT MYRUM	1978	455400	1222629	521	140.0	24.0	29.0	6.0	B	12.0	1.0	2.0	7.0(D)	5/ 8/78	32	
								59.0	140.0									
5W/3E-21CCD(N)	511	JIM LINDBERG	1979	455346	1222651	625	138.0	114.0	120.0	6.0	A	10.0	--	1.0	45.0(D)	8/ 2/79	155	
5W/3E-27CCB(N)	547	MORRELL MCDANIELS	1984	455259	1222542	838	240.0	103.0	240.0	6.0	A	23.0	--	1.0	102.6	3/30/89	122	
5W/3E-28ABB(B)	196	PAUL NICHOLAS	1975	455343	1222624	620	370.0	357.0	360.0	6.0	B	15.0	2.0	1.0	131.9	3/30/89	290	
								364.0	369.0									
5W/3E-35CCA1(N)	900436	CITY OF YACOLT	1984	455213	1222420	718	101.0	80.0	95.0	8.0	P	220.0	2.3	4.0	50.8	3/28/89	--	
5W/3E-35CCB1(N)	900402	CITY OF YACOLT	1984	455213	1222428	708	95.0	71.0	92.0	8.0	P	220.0	1.3	4.0	41.0	3/28/89	--	
5W/3E-35CCB2(N)	900403	CITY OF YACOLT	1984	455213	1222425	713	101.0	74.0	94.0	8.0	P	220.0	1.9	30.0	46.4	3/28/89	--	
5W/4E-7ACA(G)	260	DELBERT NELSON	1960	455604	1222118	558	85.0	32.0	40.0	8.0	P	66.0	--	--	11.0	3/31/89	38	
								40.0	63.0									
								63.0	73.0									
5W/4E-7CBC(M)	900527	BALD KNOB LUMBER	1949	455545	1222159	530	553.0	80.0	90.0	12.0	P	800.0	60.0	1.0	18.0(D)	7/18/49	--	
								142.0	150.0									
								175.0	185.0									
								190.0	204.0									
								208.0	217.0									
								514.0	552.0									
								553.0	598.0									
6W/3E-34ADD(H)	262	LAKE MERWIN CAMPERS' HIDEAWAY	1970	455737	1222438	1155	360.0	29.0	360.0	6.0	B	21.0	100.0	1.0	244.0	3/31/19	103	
6W/3E-35BBB(D)	267	LAKE MERWIN CAMPERS' HIDEAWAY	1975	455758	1222429	400	156.0	140.0	156.0	8.0	B	125.0	45.0	1.0	103.5	3/31/19	62	



Table 2.--Records of selected springs in the Portland Basin

Spring location number: See "Well- and Spring-location System" section in text for explanation; letters in parentheses correspond to the alternative spring-location system.  
 Spring identification number: Identification number permanently assigned to spring and unique within the Portland Basin study area.  
 Latitude: Latitude of spring in degrees, minutes, seconds.  
 Longitude: Longitude of spring in degrees, minutes, seconds.  
 Altitude: Altitude of land surface at spring, in feet above mean sea level, estimated from topographic maps.  
 Discharge: Spring discharge in gallons per minute (gal/min).  
 Method: C, current meter; E, estimated; F, flume; R, reported; V = volumetric.  
 Specific conductance: In microsiemens per centimeter at 25 degrees Celsius.

Spring location number	Spring identification number	Owner	Spring name	Latitude	Longitude	Altitude (feet)	Spring flow measurement			Specific conductance
							Discharge (gal/min)	Date	Method	
CLACKAMAS COUNTY, OREGON										
1S/1E-36ADB(H)	17	JOE POULANSKI GREGORY DOLLOMITCH	MINTHORNE SPRINGS	452635	1223725	88	800	9/ 9/88	E	249
1S/1E-36BDA1(F)	21		SPRING CREEK	452634	1223750	87	--	--/--/--	--	249
2S/1E-1CCB1(N)	19		COURTNEY SPRINGS EAST	452519	1223820	167	9	7/25/88	R	185
2S/3E-9CAD1(L)	20		ELLIOTT SPRINGS	452432	1222639	410	33	7/26/88	F	--
MULTNOMAH COUNTY, OREGON										
1N/2E-23BAB1(C)	1	D & D BENNETT CO. CITY OF TROUTDALE UNION PACIFIC RAILROAD HARVEY ROSSI UNION PACIFIC RAILROAD CITY OF WOOD VILLAGE COUNTY OF MULTNOMAH COUNTY OF MULTNOMAH CITY OF PORTLAND CITY OF PORTLAND CITY OF PORTLAND CITY OF PORTLAND EASTMORELAND GOLF COURSE REED COLLEGE ANDRIS RITMANIS EASTMORELAND GOLF COURSE ERROL SPRINGS		453342	1223147	7	--	--/--/--	--	--
1N/3E-25BCC1(E)	2		SPENCE SPRING	453229	1223229	70	116	7/14/88	F	160
1N/3E-25CBC1(M)	3			453218	1223227	155	75	7/12/88	V	--
1N/3E-26ACC1(G)	6		STROMBOLI SPRING	453232	1222401	60	81	7/18/88	F	181
1N/3E-26ADD1(H)	4		ROSSI SPRING	453228	1222333	65	183	7/13/88	C	151
1N/3E-26ADD2(H)	5			453231	1222335	50	5	7/14/88	V	195
1N/3E-34AAD1(A)	7			453153	1222455	248	8	7/18/88	V	174
1N/3E-35B8C1(D)	8			453154	1222444	265	22	7/18/88	V	160
1N/3E-35B8C2(D)	9			453153	1222445	270	30	7/18/88	V	163
1S/1E-13CACC1(L)	12		CRYSTAL SPRINGS	452847	1223803	85	675	11/18/88	E	189
1S/1E-13CBDA1(M)	11		CRYSTAL SPRINGS	452850	1223805	62	900	11/18/88	E	221
1S/1E-13CCAD1(N)	13		CRYSTAL SPRINGS	452843	1223805	75	1000	11/18/88	E	205
1S/1E-13CCDA1(N)	14		CRYSTAL SPRINGS	452837	1223805	70	500	11/18/88	E	205
1S/1E-13CDBC1(P)	15		CRYSTAL SPRINGS	452840	1223801	75	360	11/18/88	E	200
1S/1E-13DABB(J)	22		CRYSTAL SPRINGS	452858	1223726	110	359	--/--/--	E	--
1S/1E-13DBAD1(K)	10		CRYSTAL SPRINGS	452854	1223728	108	359	11/28/88	E	209
1S/1E-24BAB1(C)	16		CRYSTAL SPRINGS	452831	1223801	85	900	11/18/88	E	246
1S/2E-19CDA1(P)	18		ERROL SPRINGS	452752	1223640	110	251	8/11/88	C	--
CLARK COUNTY, WASHINGTON										
1N/2E-2CBA1(M)	108	MAYNARD WOOD MCMILLIAN BARANOVITICH LADERAS GROENWALT  KENDAL JORDAN CITY OF VANCOUVER CITY OF VANCOUVER CITY OF VANCOUVER		453552	1223154	50	1759	4/11/49	R	--
1N/2E-2DCA1(Q)	107			453538	1223120	50	673	4/11/49	R	--
1N/2E-2DCB1(Q)	106			453544	1223124	100	278	4/11/49	R	--
1N/2E-3ACC(G)	110			453554	1223241	120	6050	4/15/49	--	--
1N/2E-3BCA1(E)	112			453607	1223313	60	202	4/11/49	E	--
1N/2E-3BDC1(F)	111			453602	1223301	45	610	4/11/49	R	--
1N/2E-3DAA1(J)	109			453552	1223212	50	664	4/18/49	R	--
1N/2E-4AAC1(A)	113			453614	1223341	100	202	4/11/49	R	--
1N/2E-4ABA1(B)	114			453619	1223351	100	1328	4/11/49	C	--
1N/2E-4BB81(D)	116			453624	1223428	100	72	4/15/49	E	--
1N/2E-12ABA1(B)	105			453528	1223026	150	224	4/11/49	E	--
1N/3E-7BBD1(D)	104			453520	1222928	50	548	4/11/49	R	--
1N/3E-7BDA1(F)	101			453516	1222904	60	521	4/19/49	R	--
1N/3E-7BDA2(F)	102			453517	1222909	60	184	4/18/49	R	--
1N/3E-7BDB1(F)	103			453518	1222916	60	99	4/18/49	R	--
2N/2E-31DAA1(J)	118			453648	1223603	150	99	4/15/49	E	--
2N/2E-32DCA1(Q)	117			453637	1223502	145	49	4/15/49	E	--
2N/2E-33CAC1(L)	119			453640	1223411	220	--	--/--/--	--	--
2N/2E-33CAD1(L)	115		453639	1223406	220	--	--/--/--	--	--	
2N/2E-33CBB1(M)	120		453644	1223433	220	--	--/--/--	--	--	



# CLACKAMAS COUNTY, OREGON

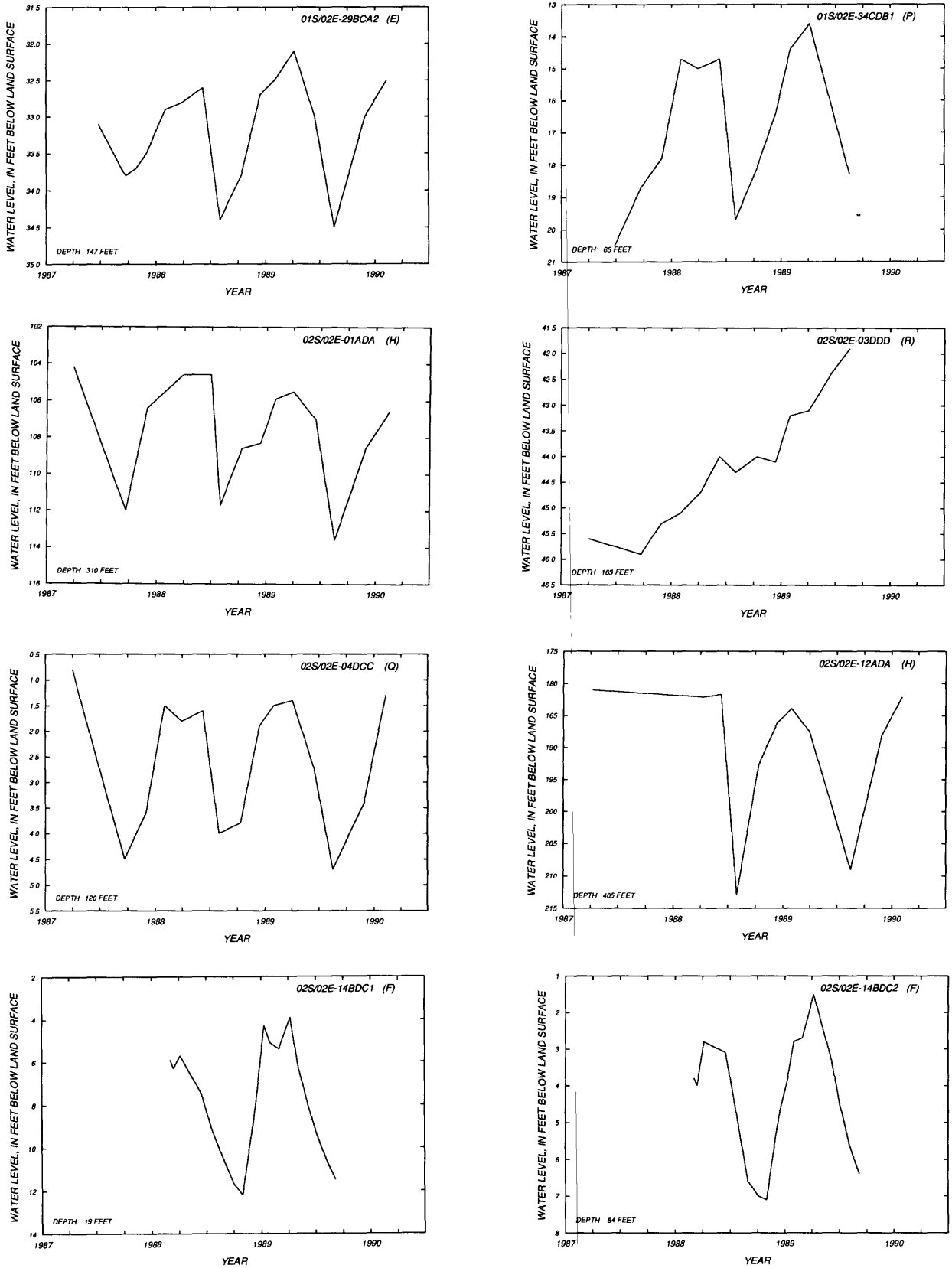


Figure 5.--Selected hydrographs for the period 1987-90.



# CLACKAMAS COUNTY, OREGON--Continued

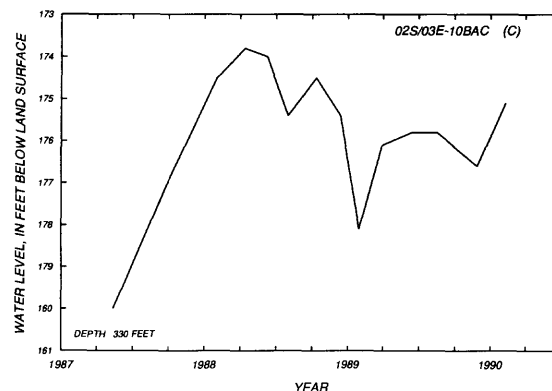
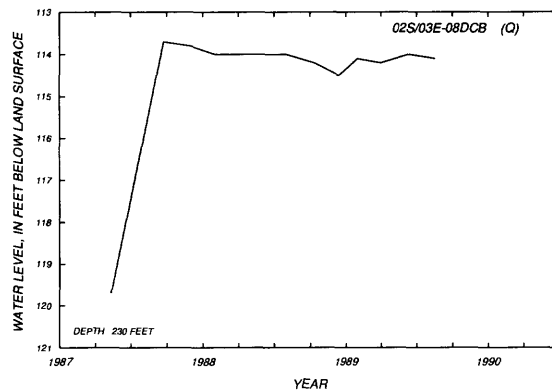
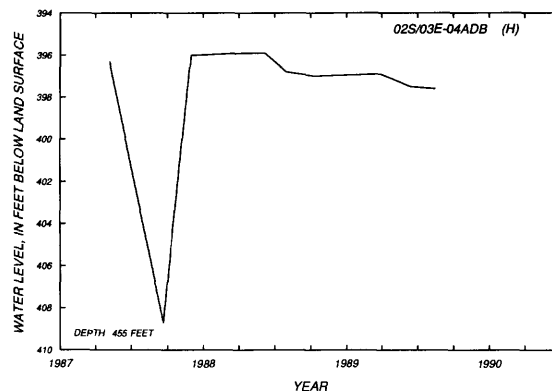
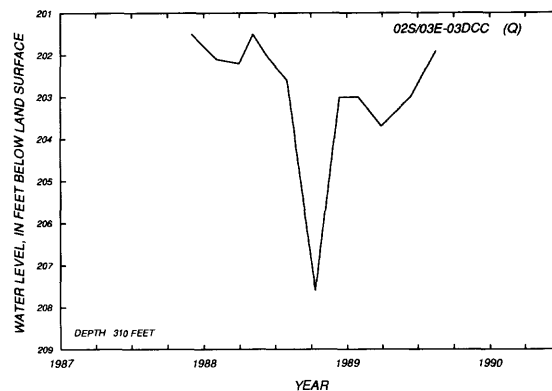
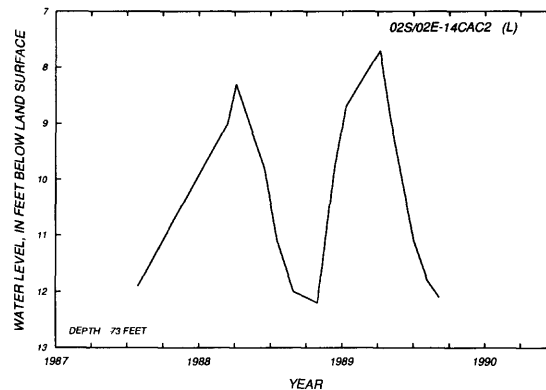
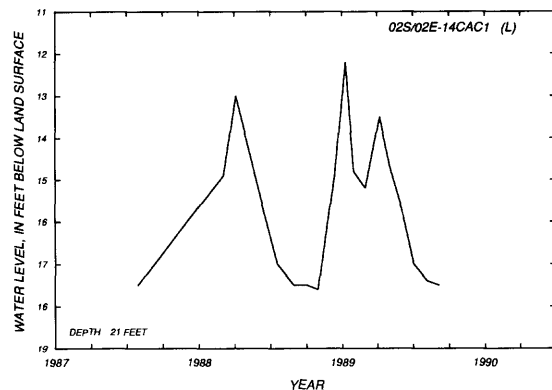
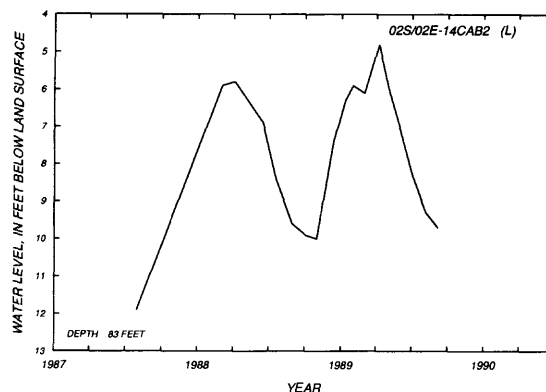
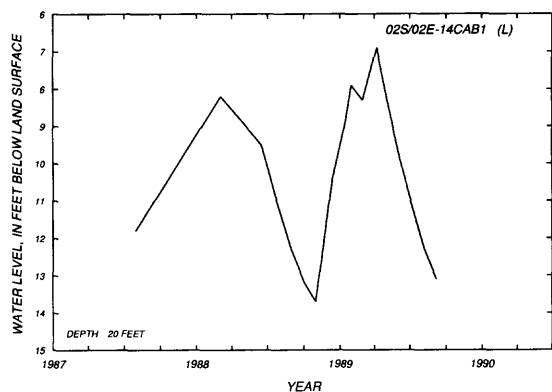
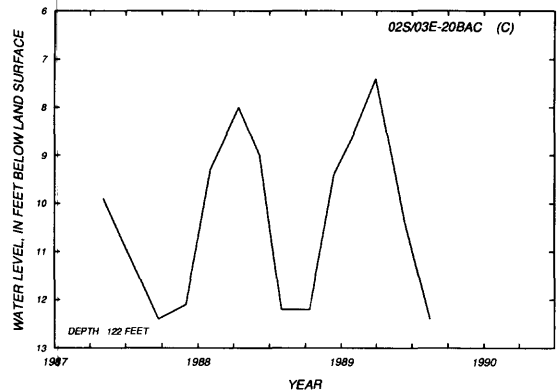
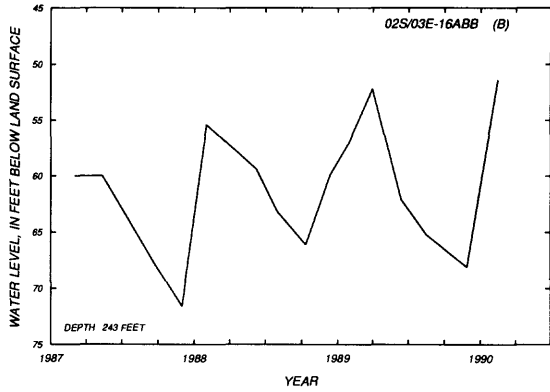
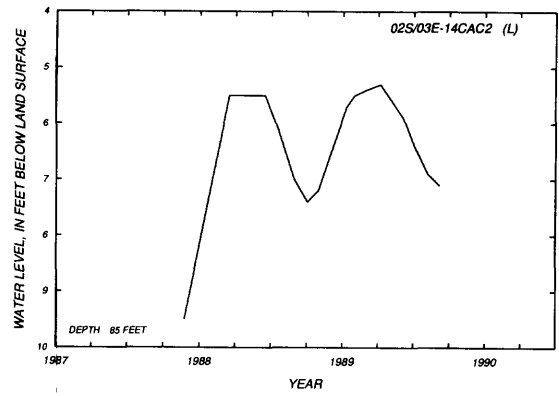
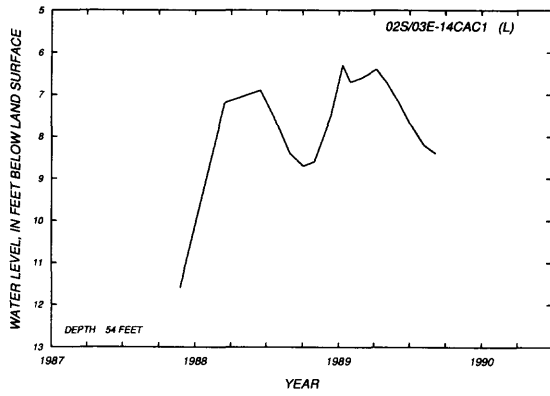


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLACKAMAS COUNTY, OREGON--Continued



# MULTNOMAH COUNTY, OREGON

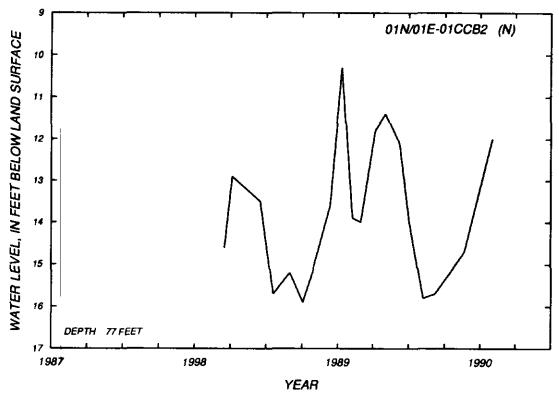
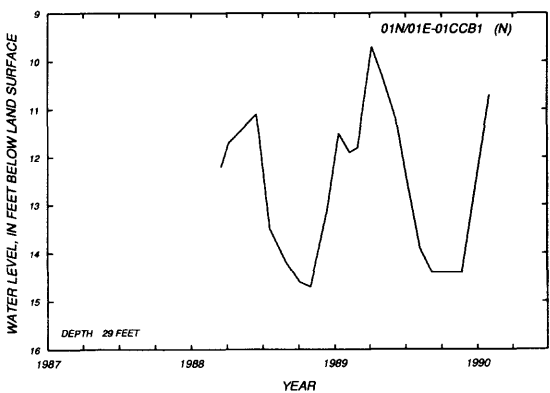
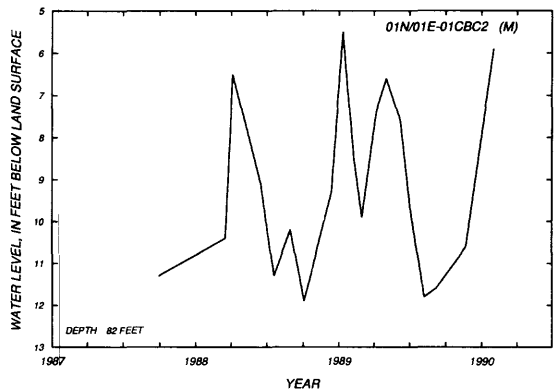
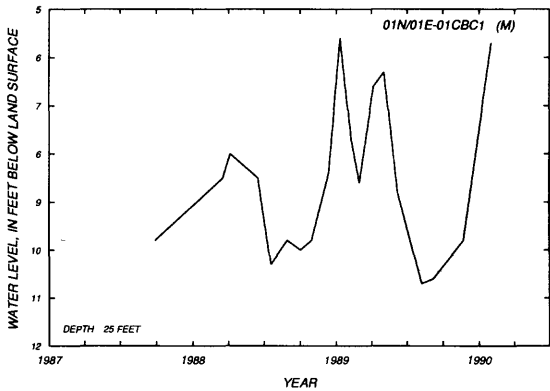


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

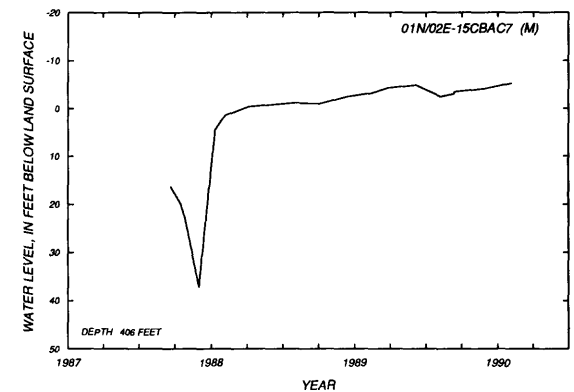
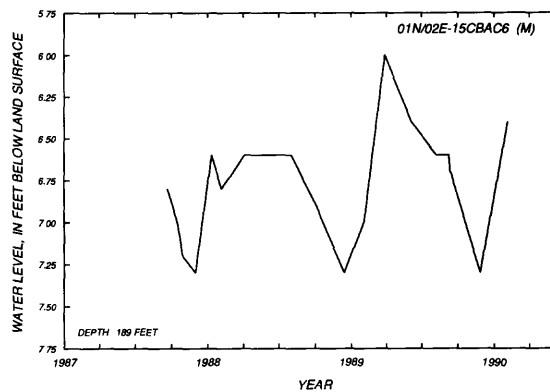
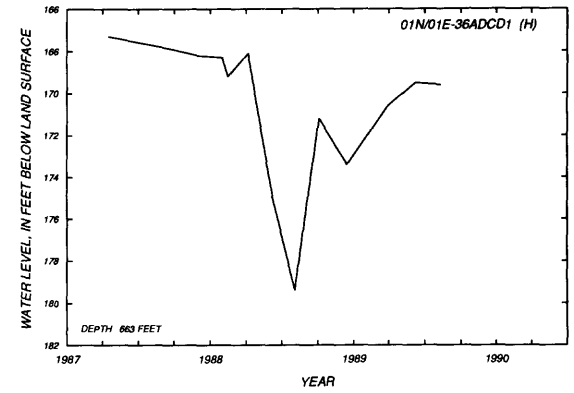
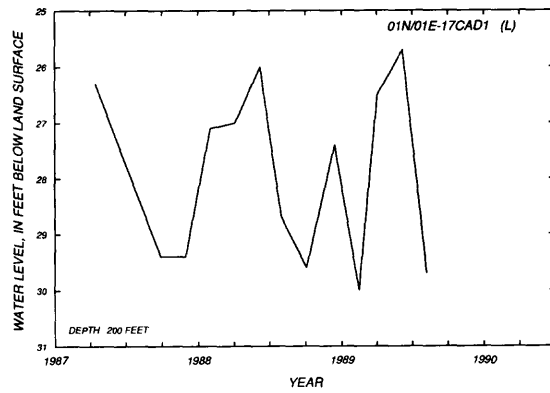
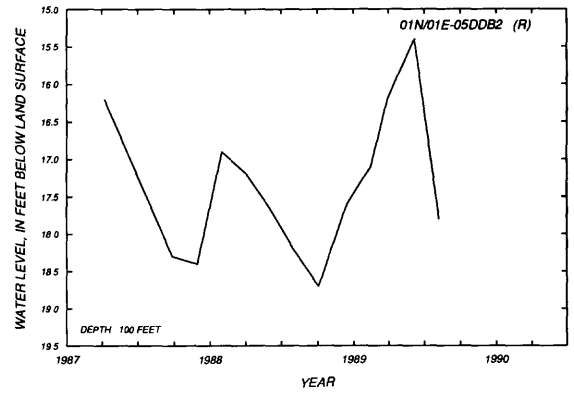
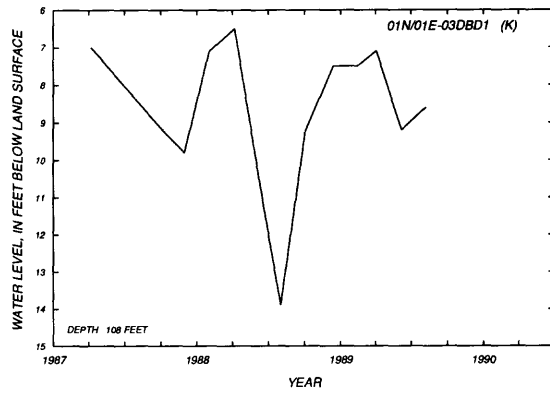
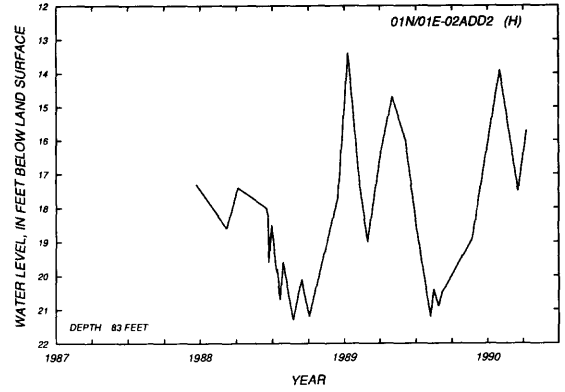
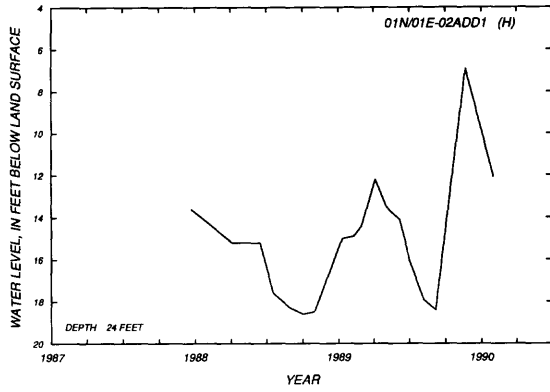


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

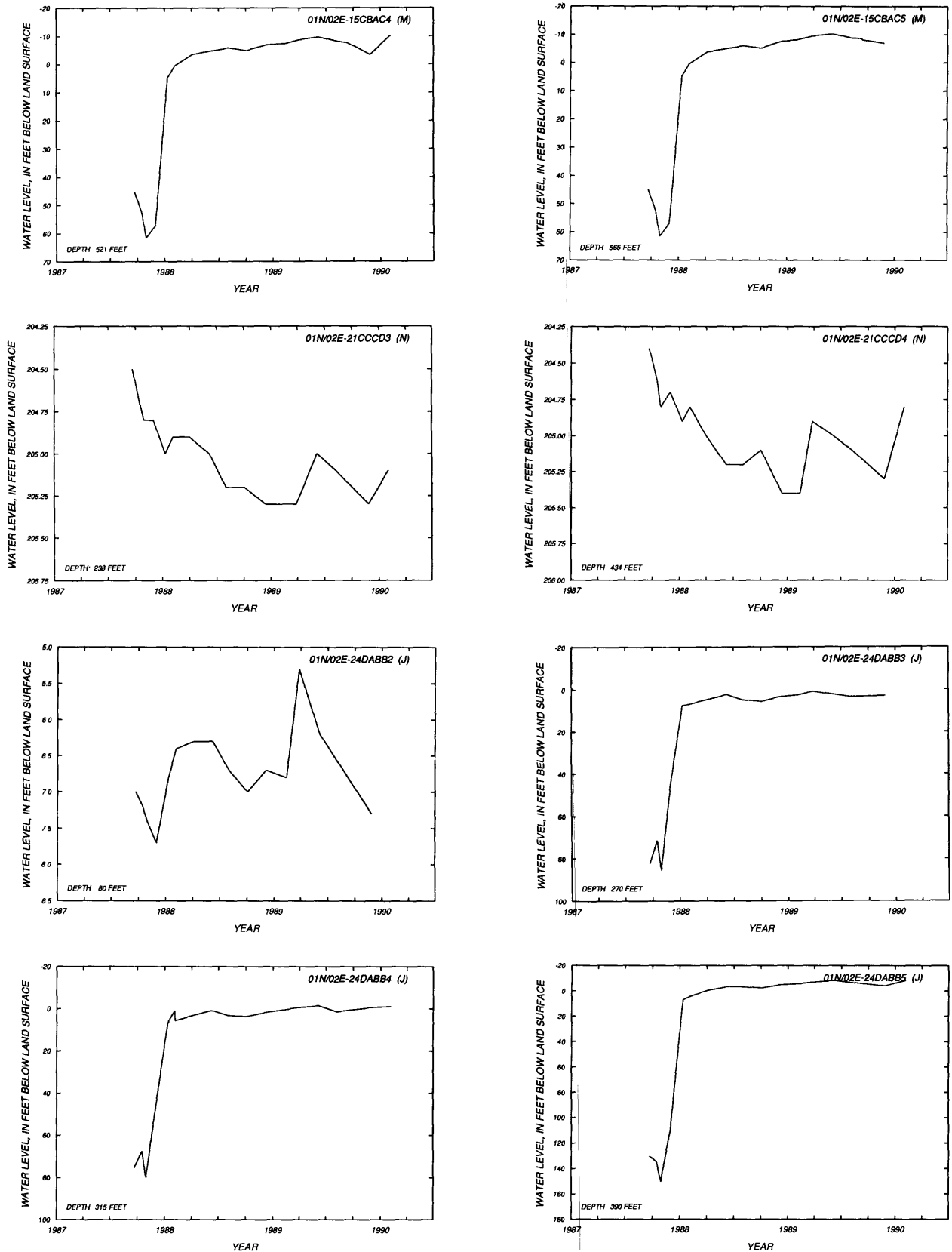


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

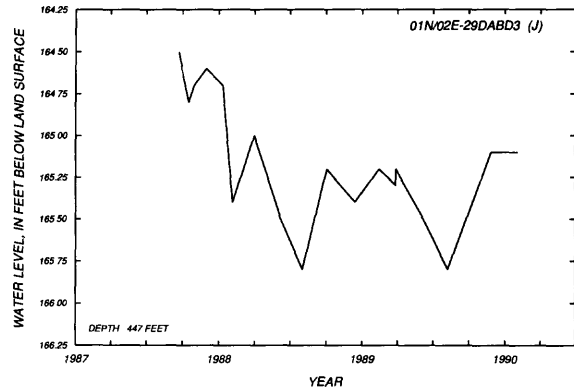
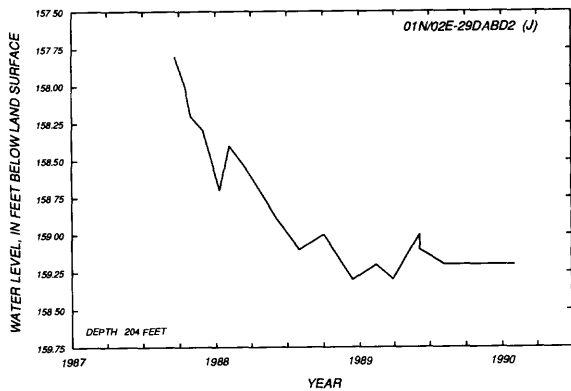
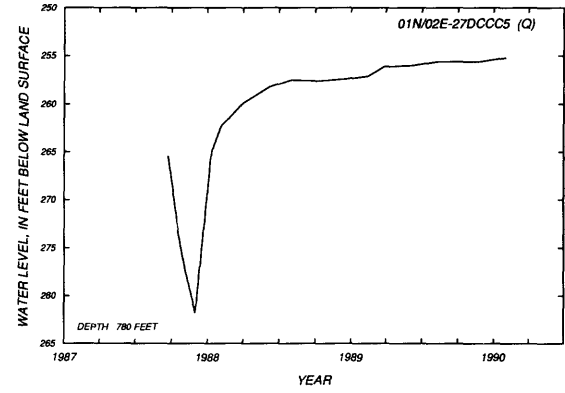
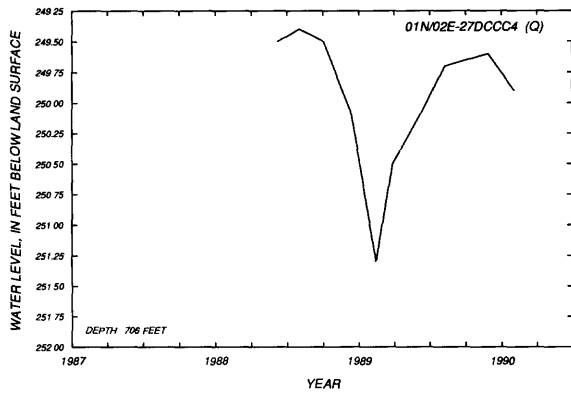
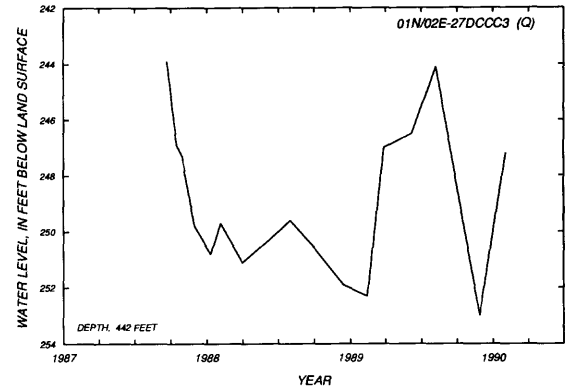
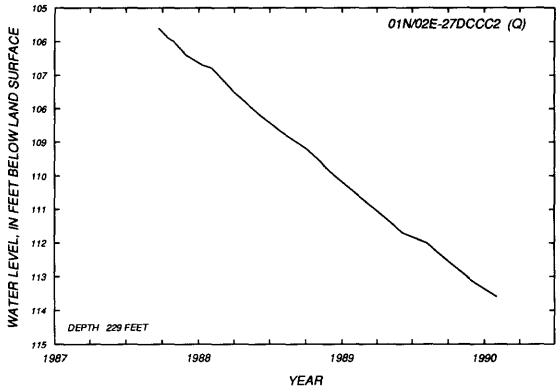
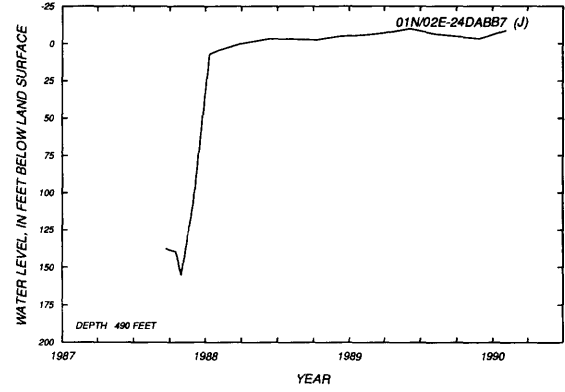
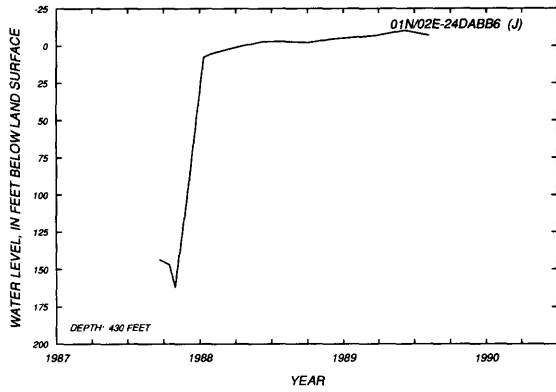


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

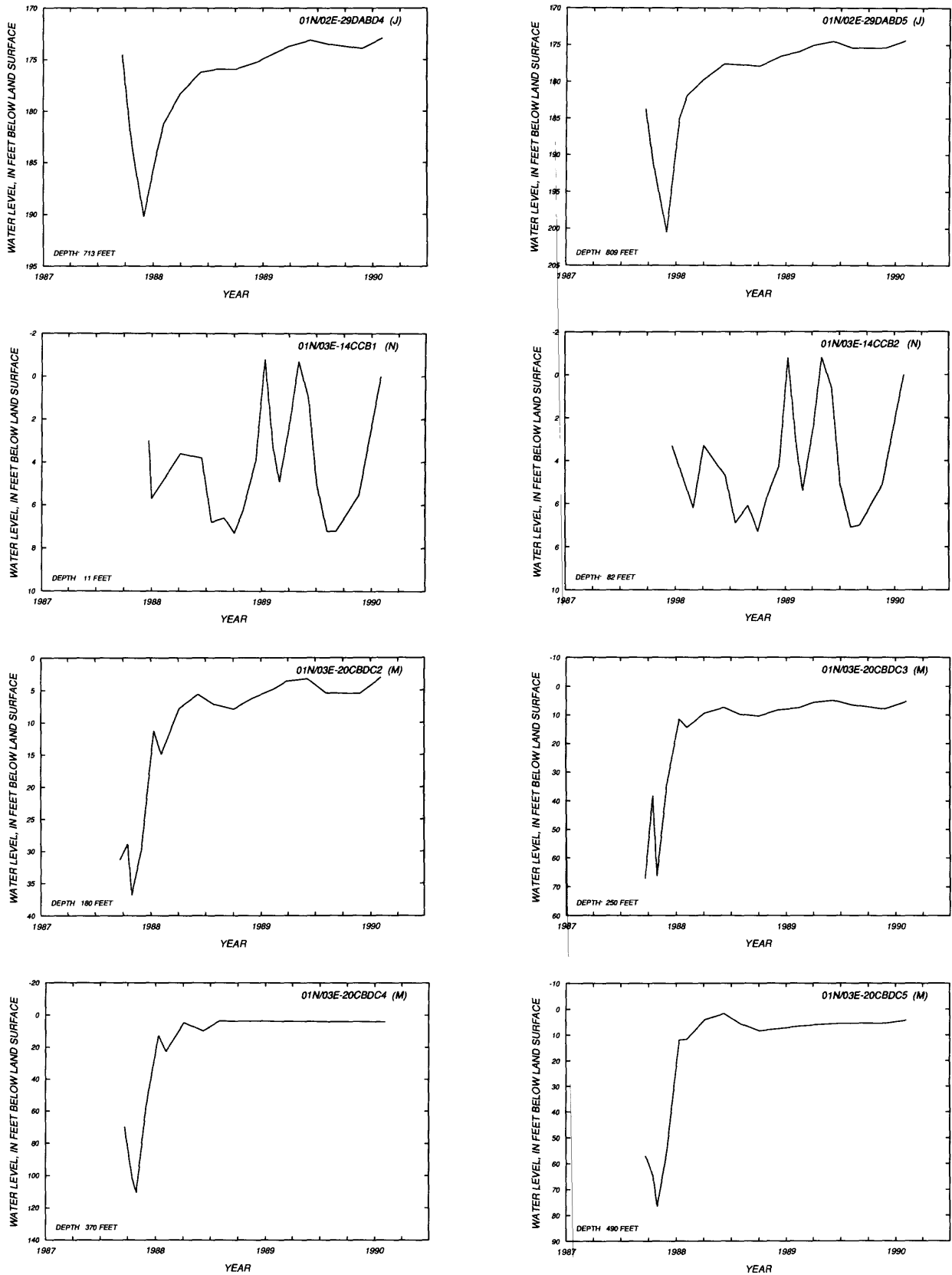


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

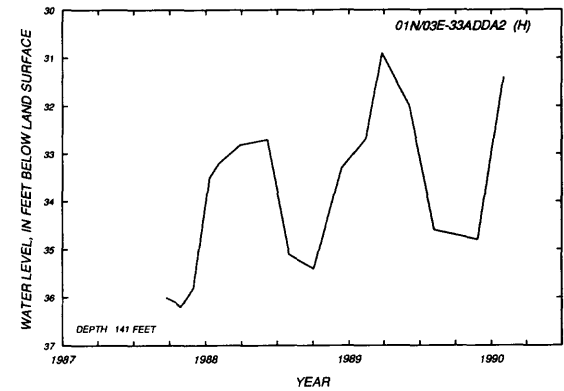
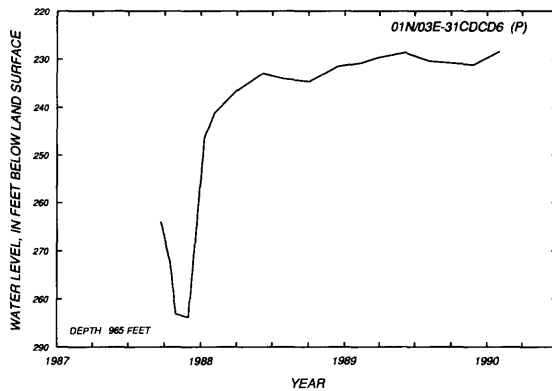
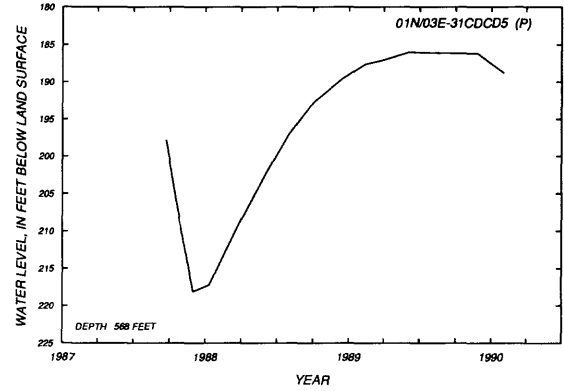
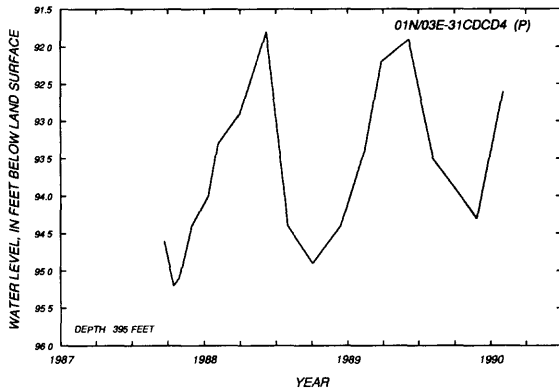
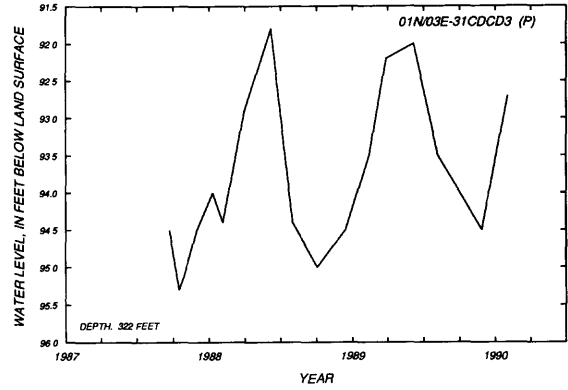
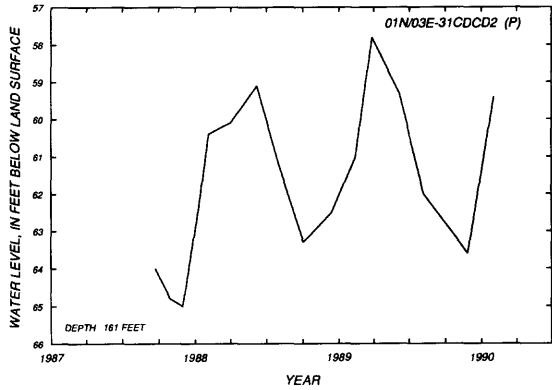
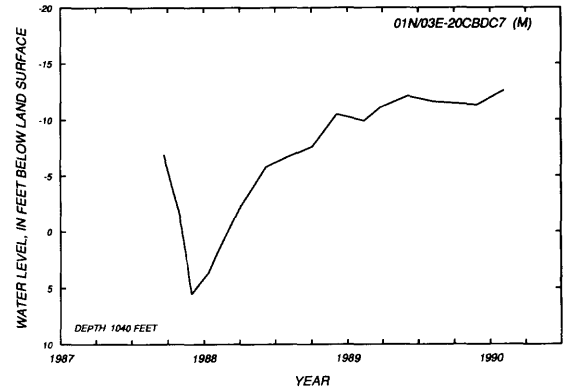
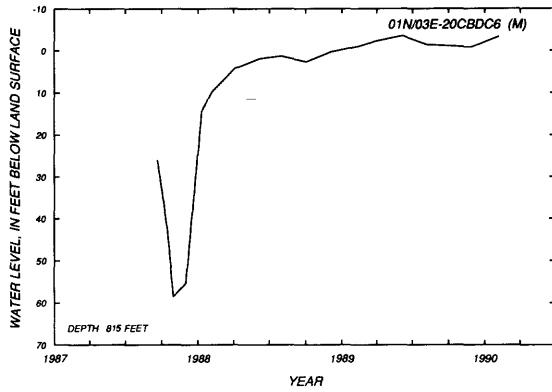


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

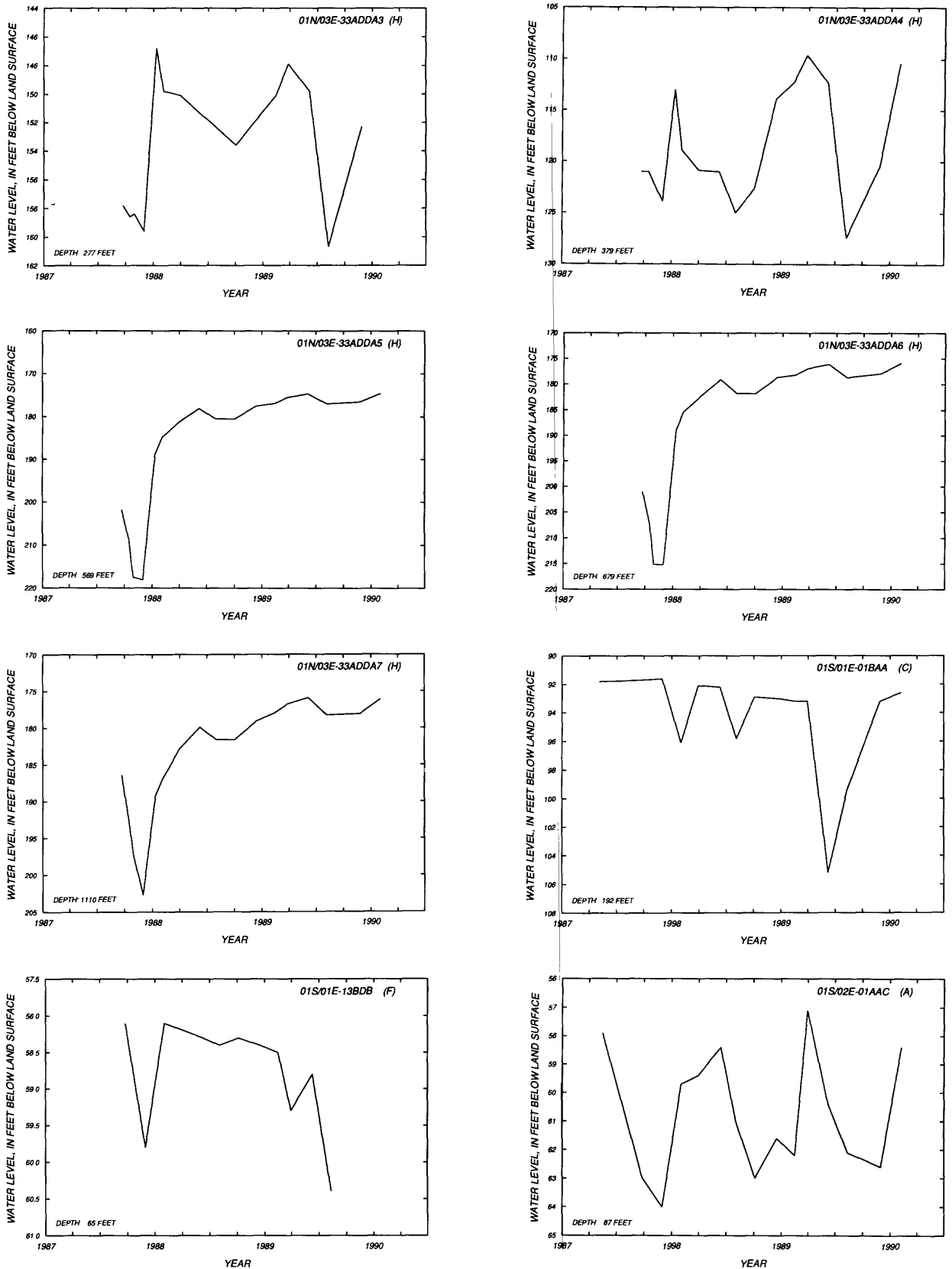


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

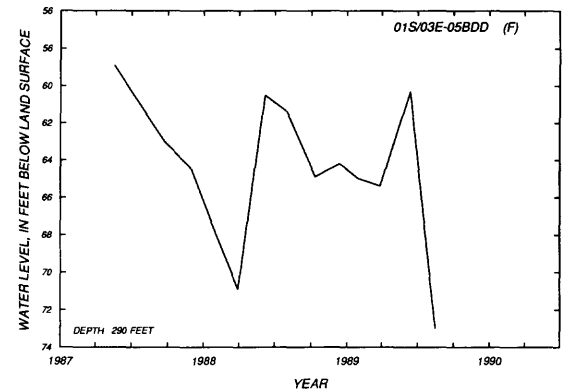
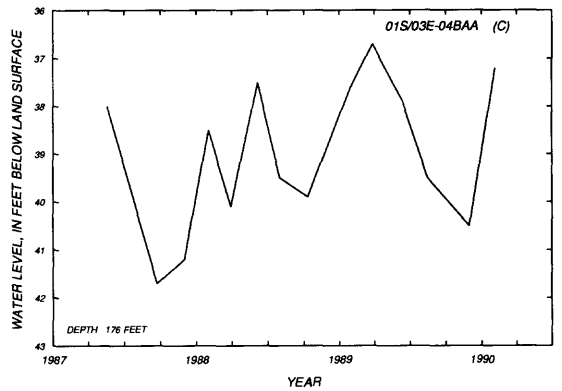
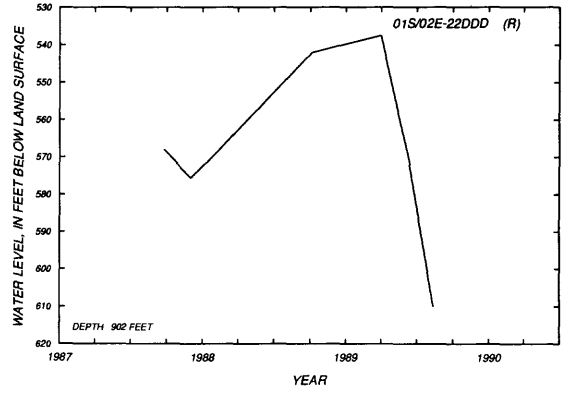
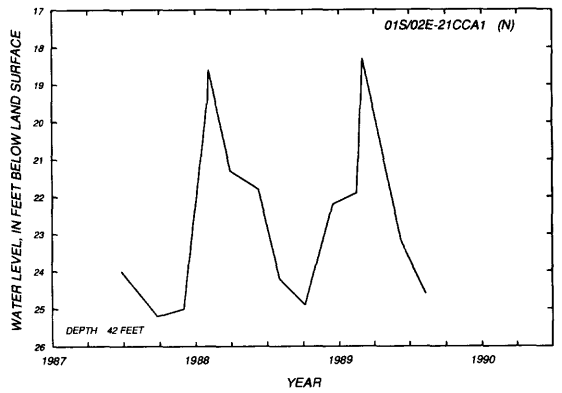
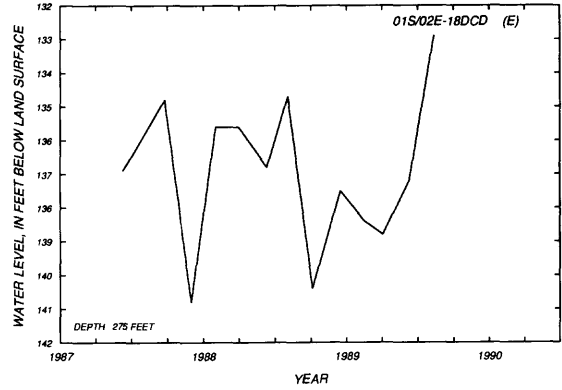
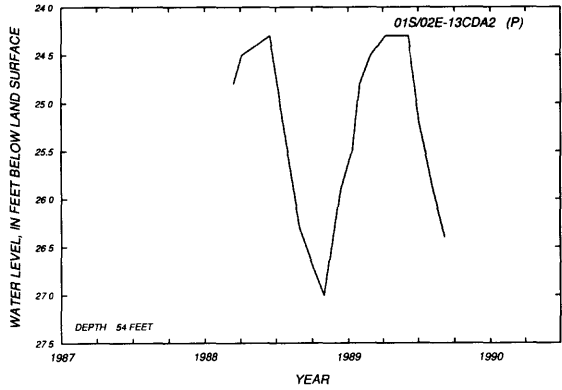
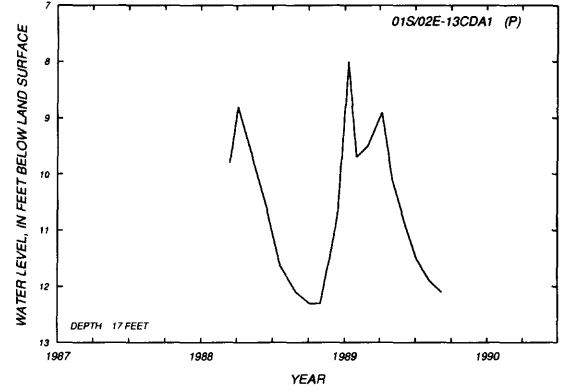
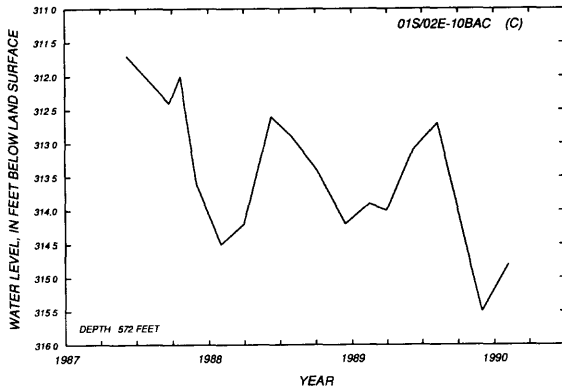


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

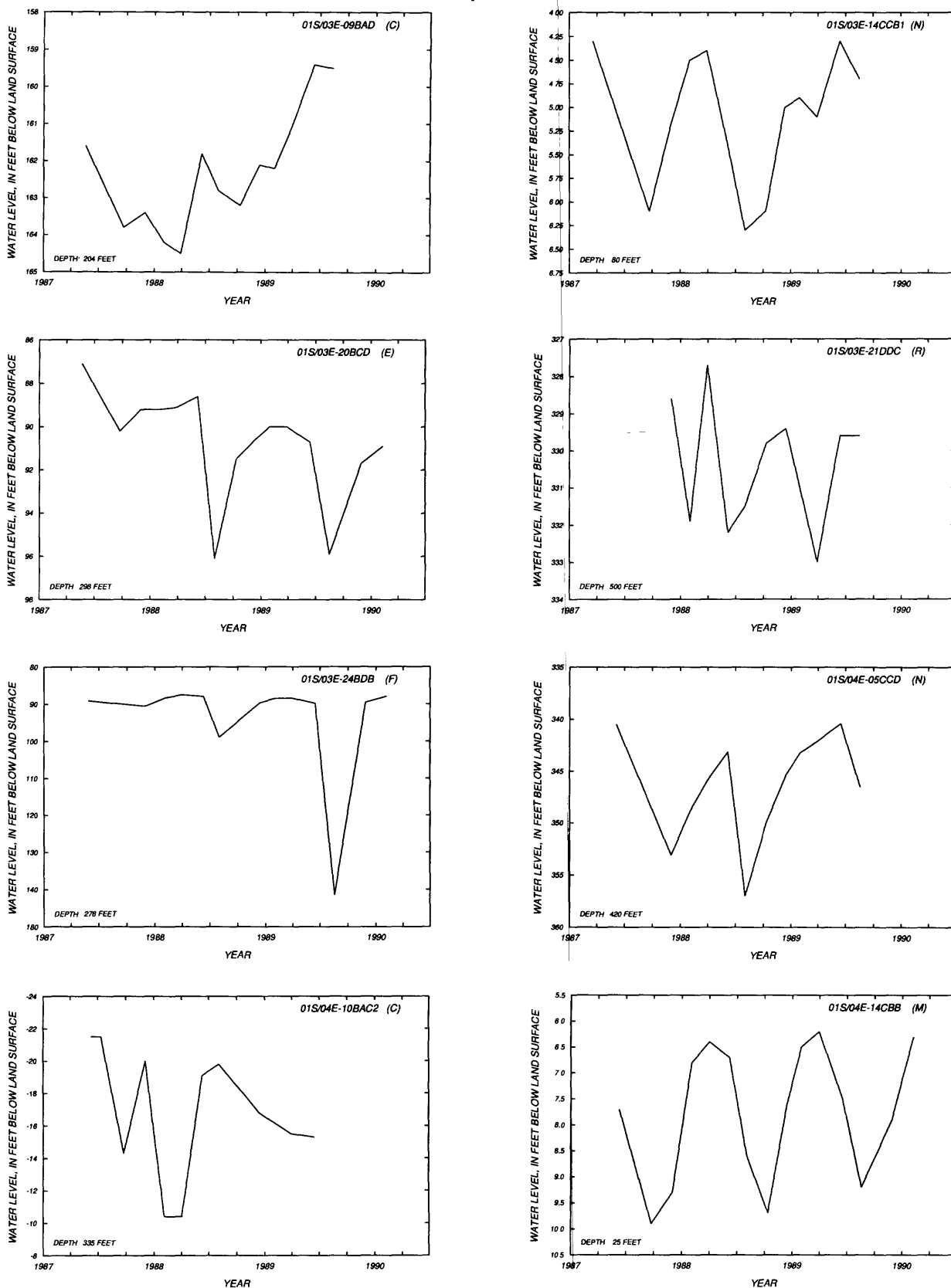


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# MULTNOMAH COUNTY, OREGON--Continued

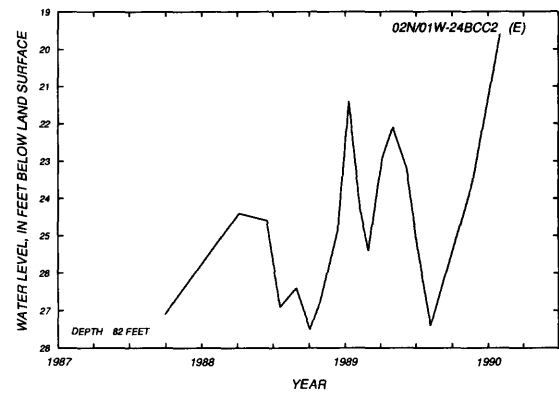
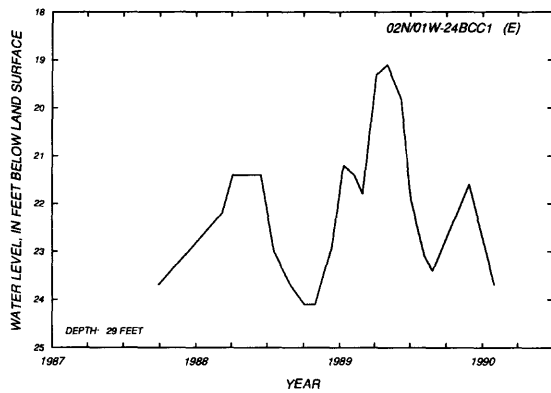
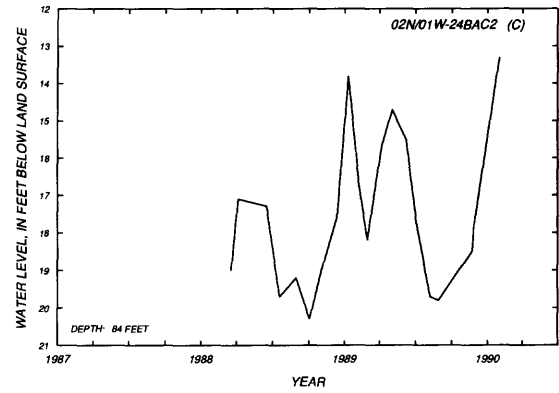
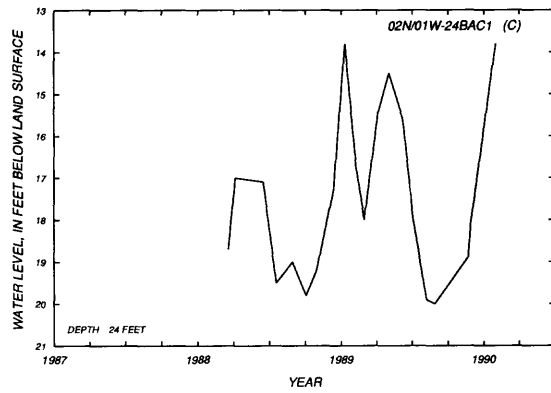
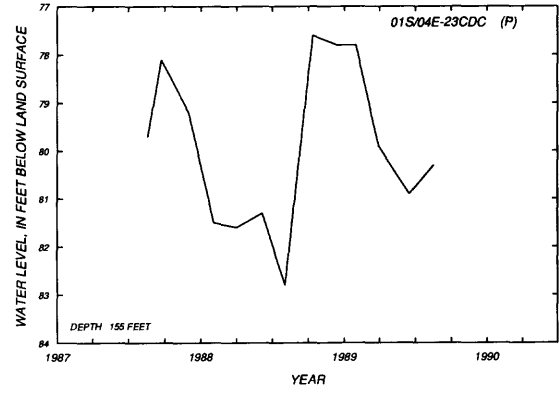
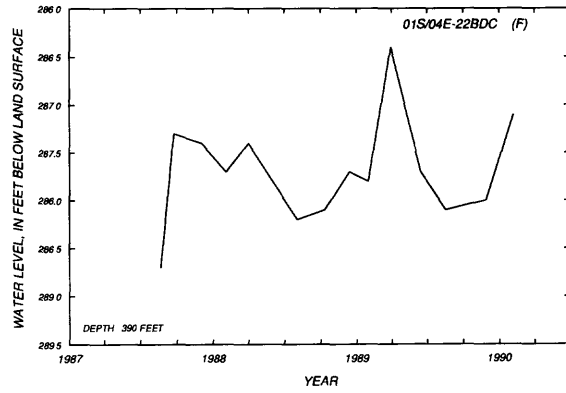
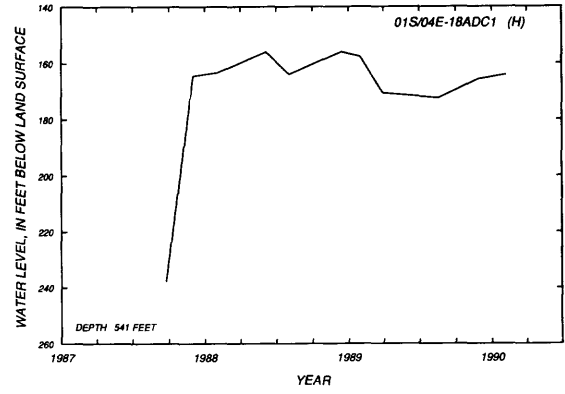
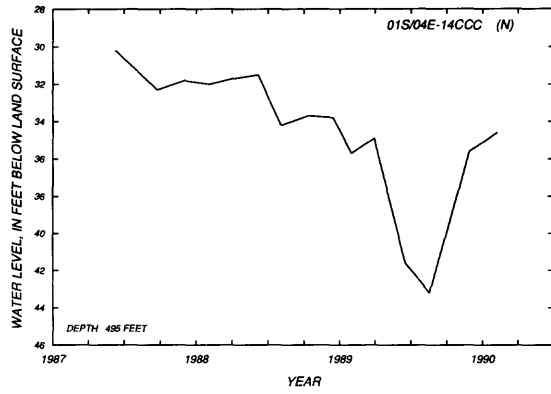


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLARK COUNTY, WASHINGTON

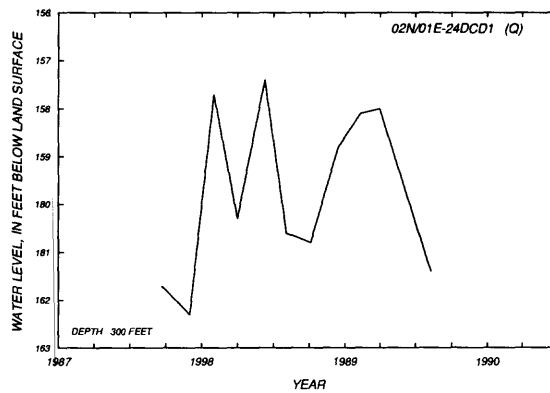
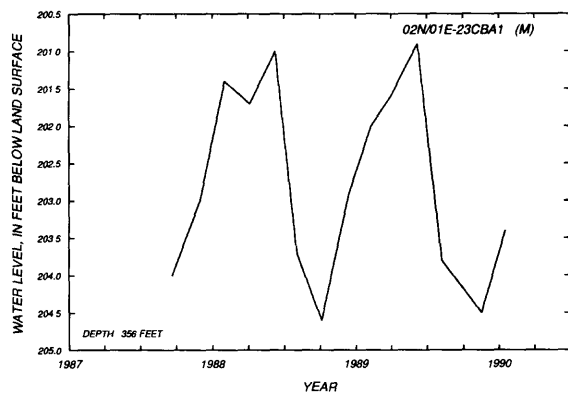
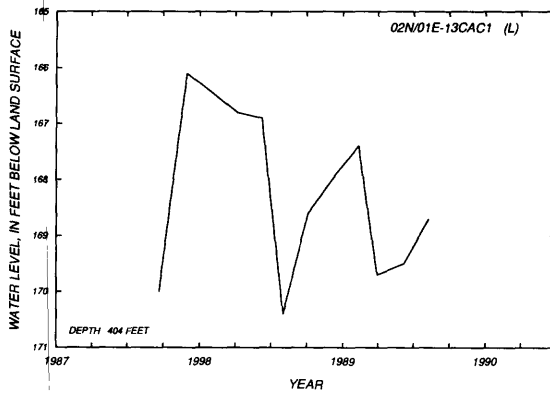
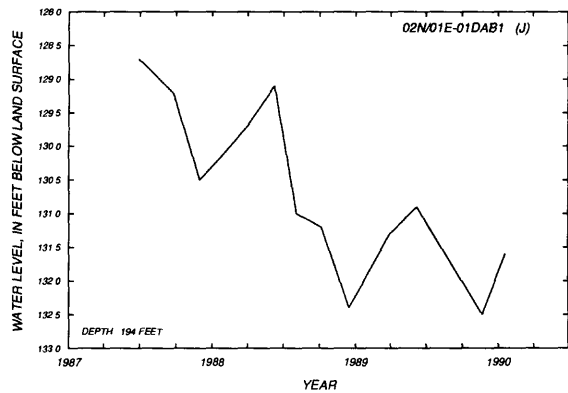
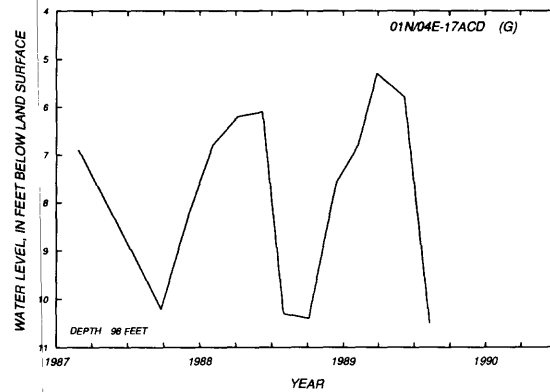
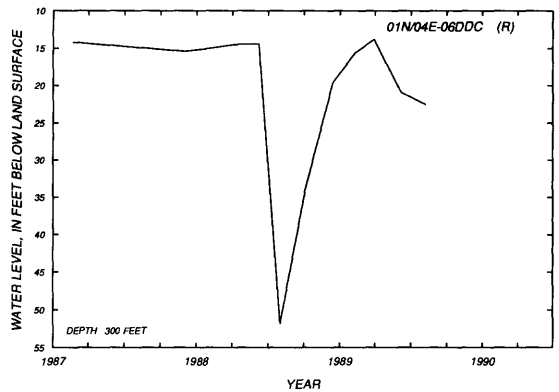
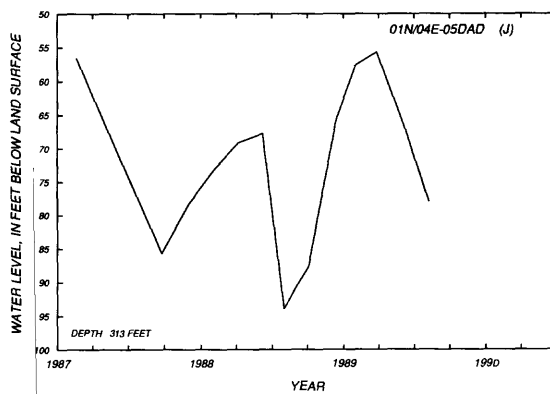
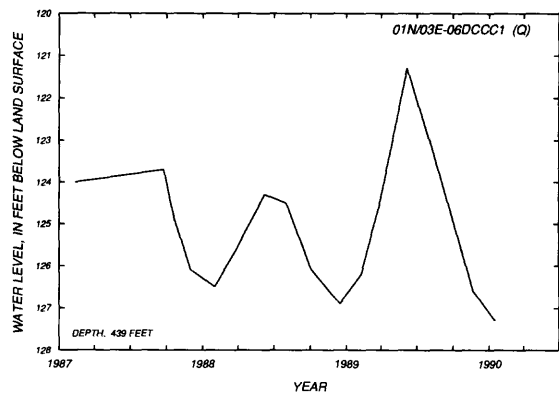


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLARK COUNTY, WASHINGTON--Continued

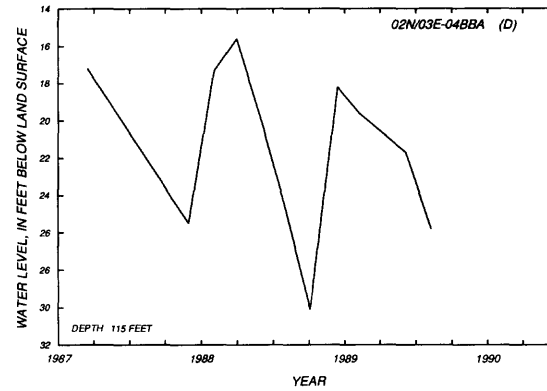
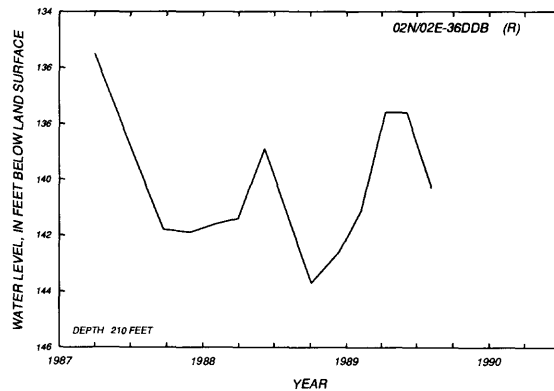
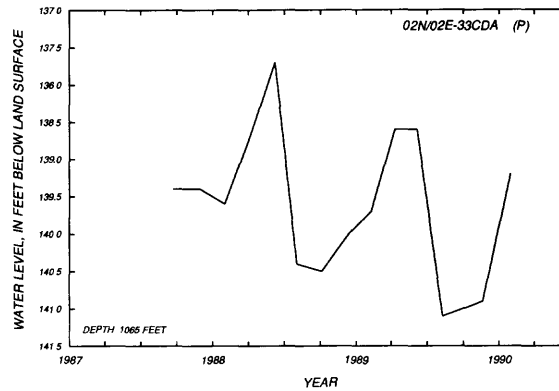
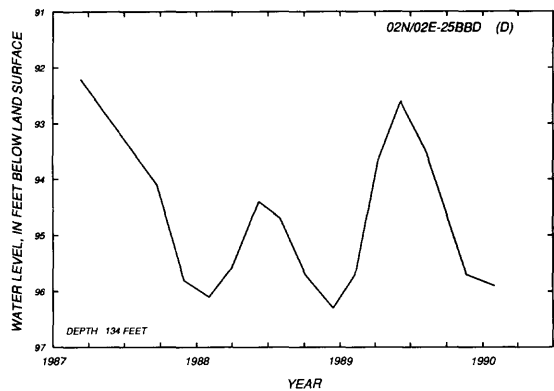
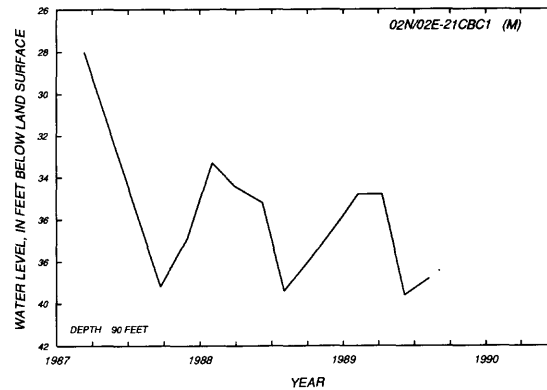
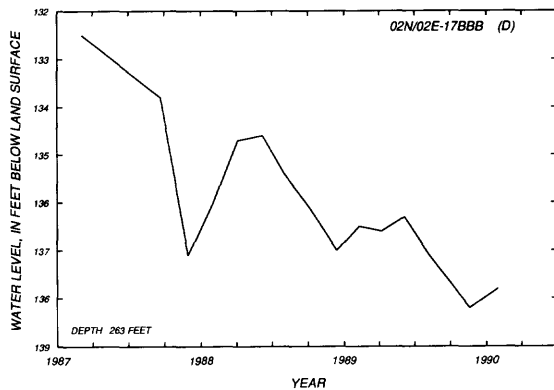
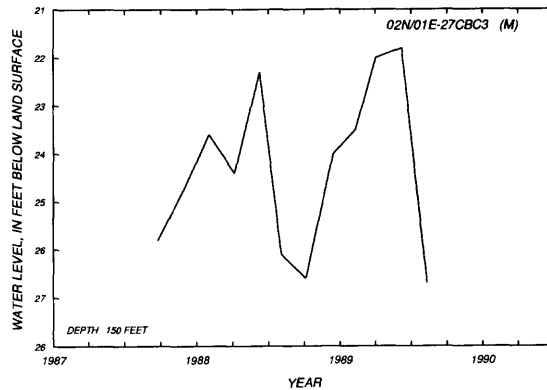
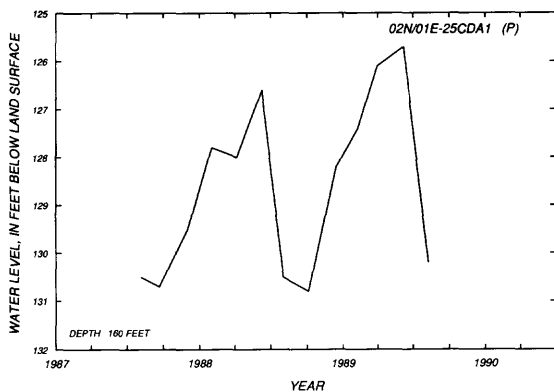


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLARK COUNTY, WASHINGTON--Continued

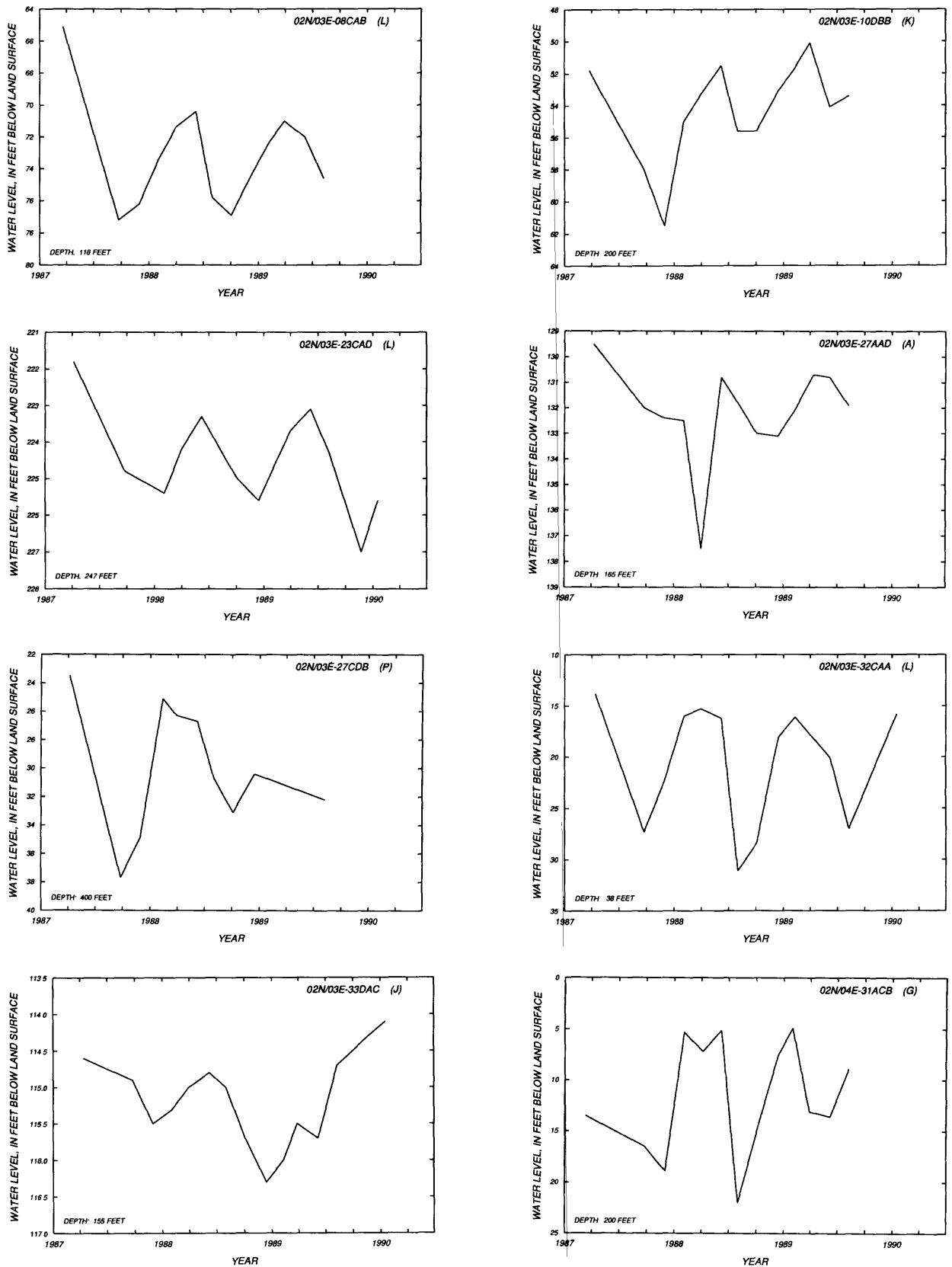


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLARK COUNTY, WASHINGTON--Continued

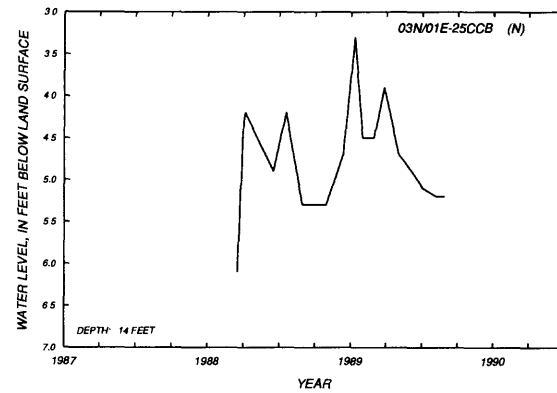
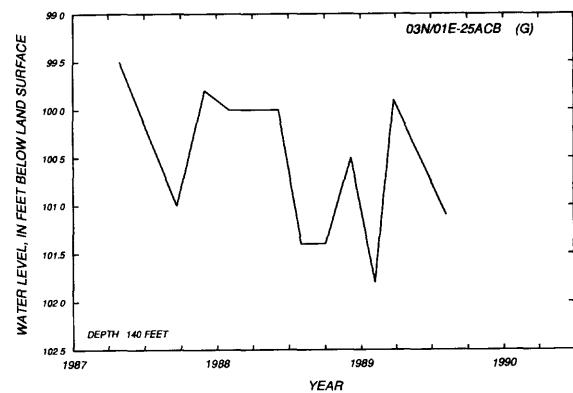
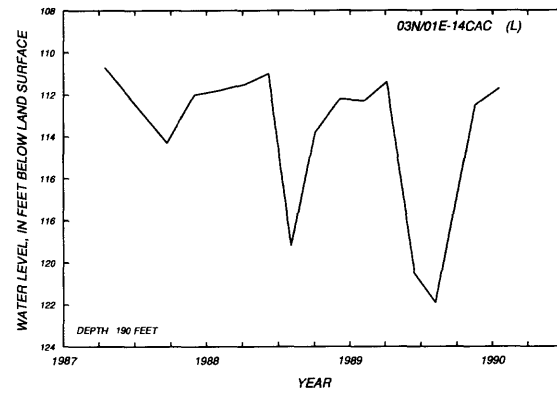
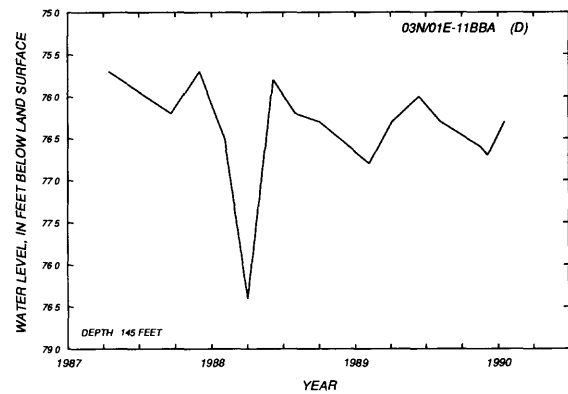
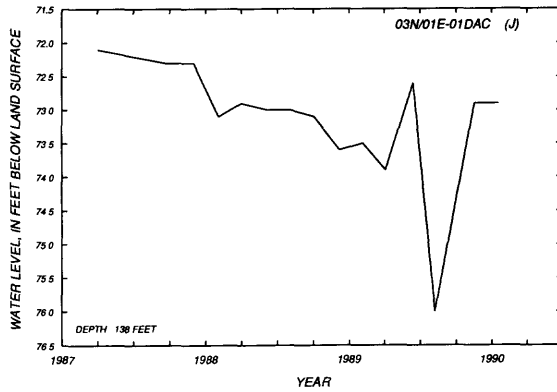
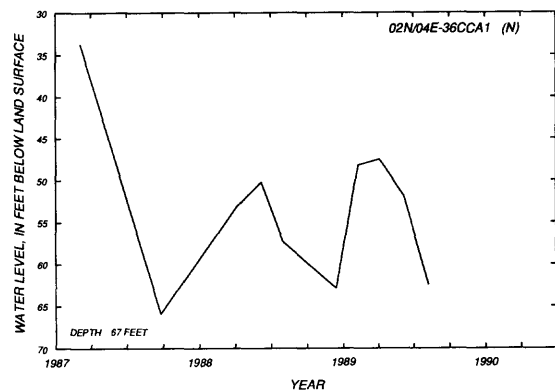
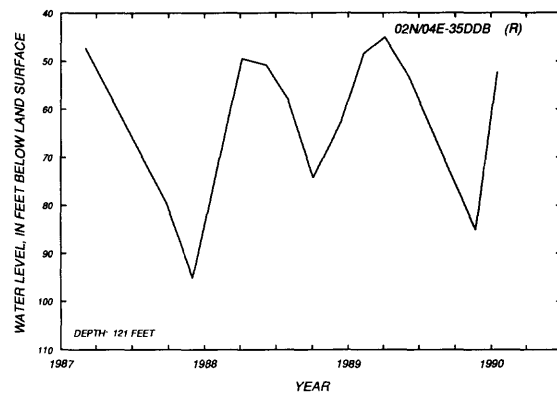
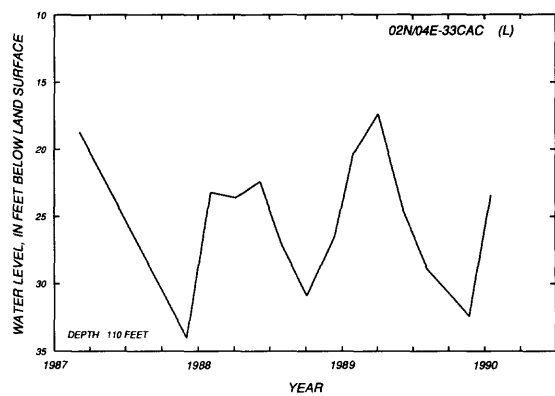


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLARK COUNTY, WASHINGTON--Continued

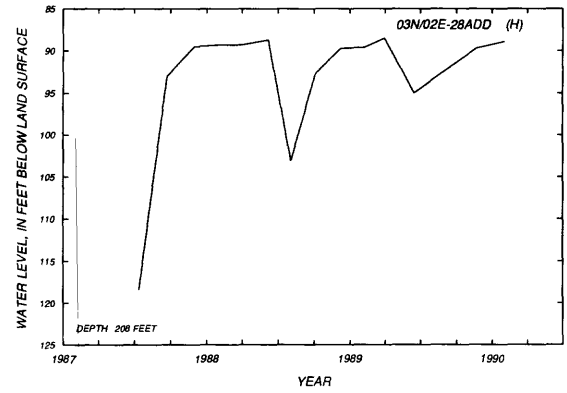
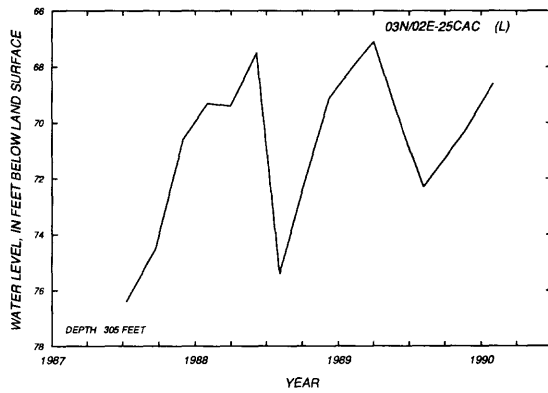
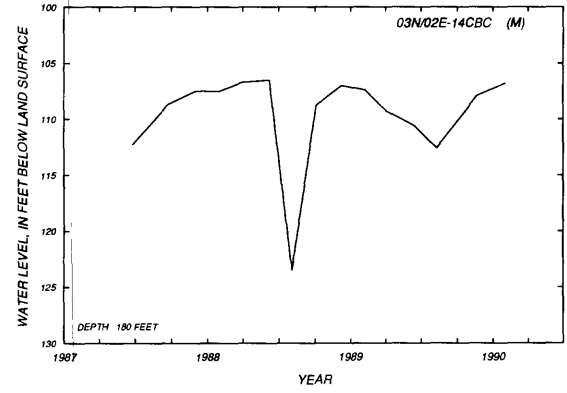
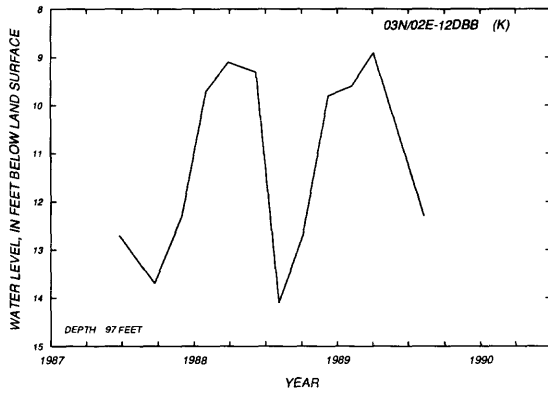
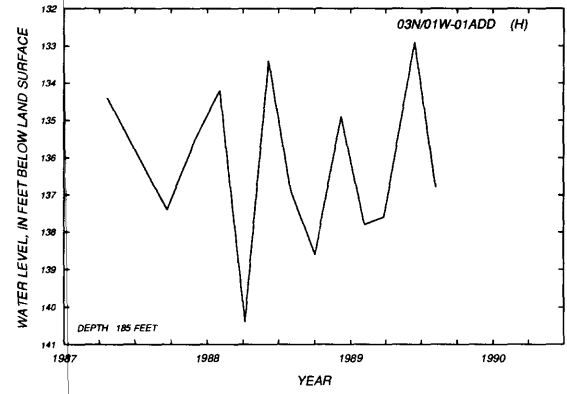
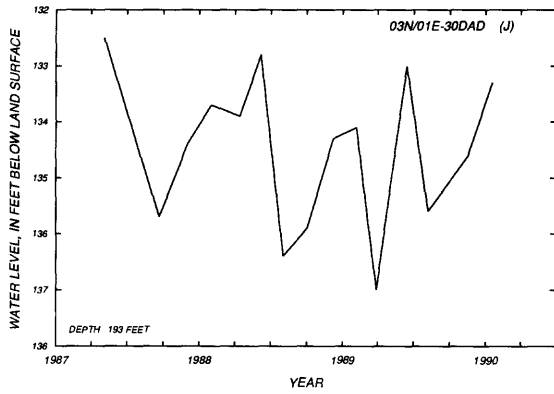
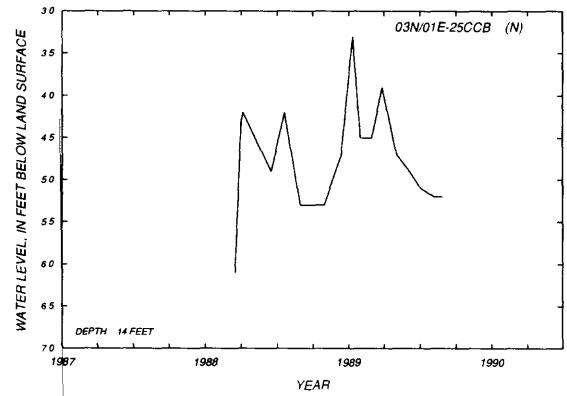
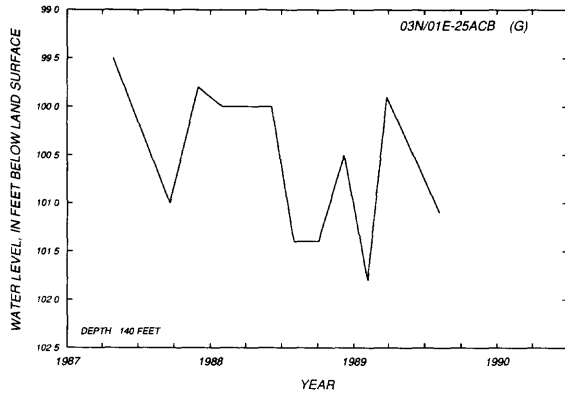


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLARK COUNTY, WASHINGTON--Continued

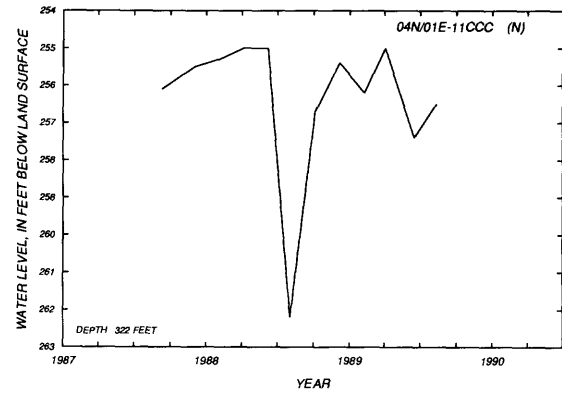
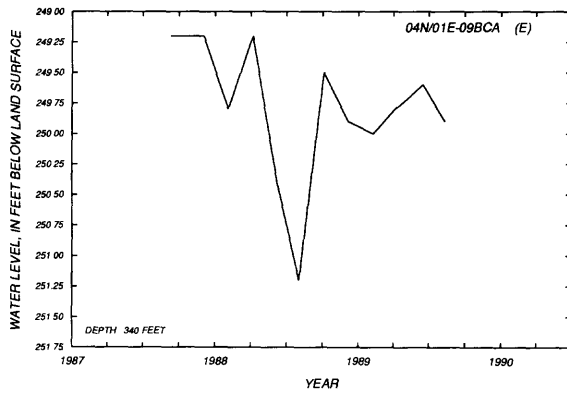
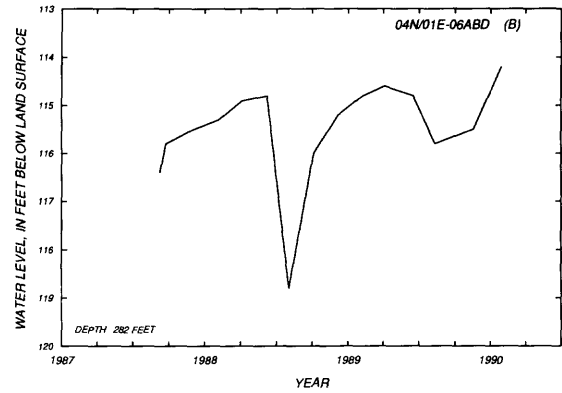
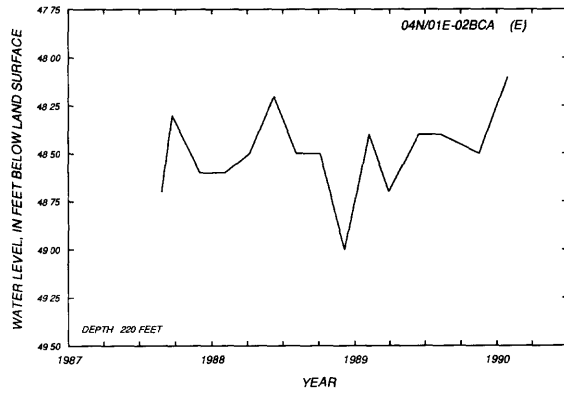
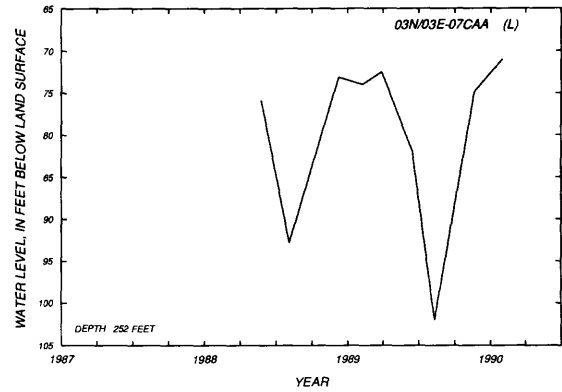
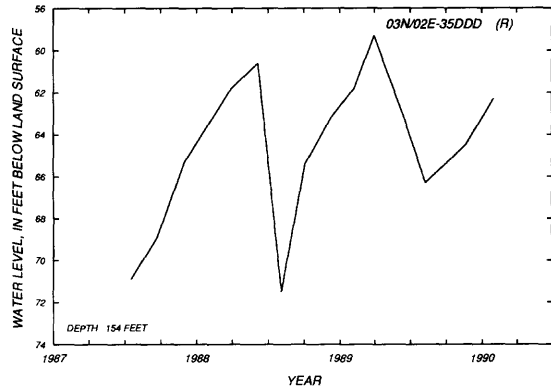
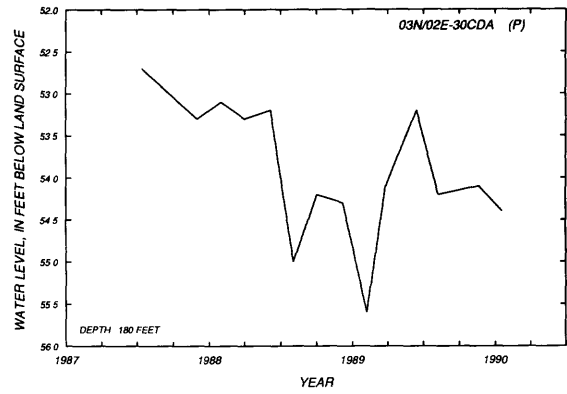
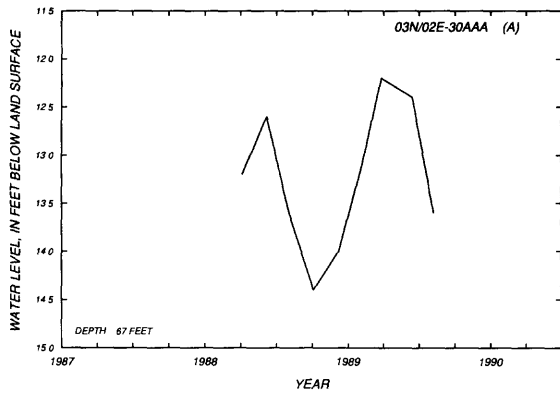


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLARK COUNTY, WASHINGTON--Continued

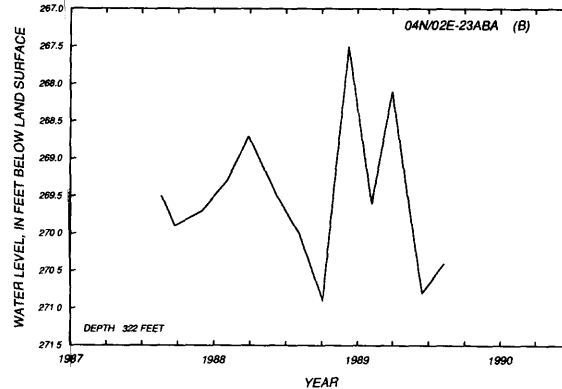
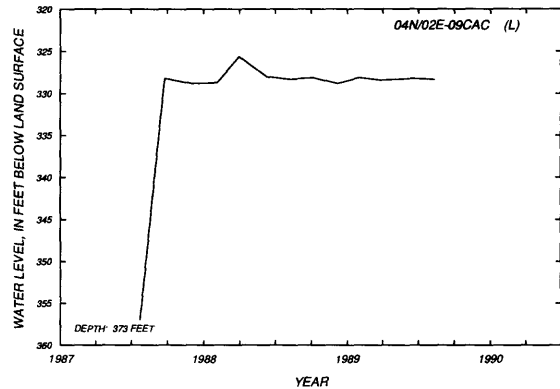
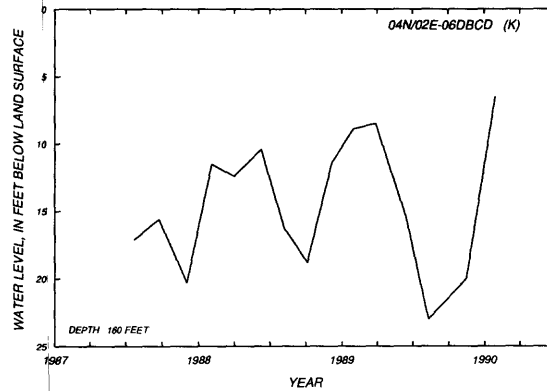
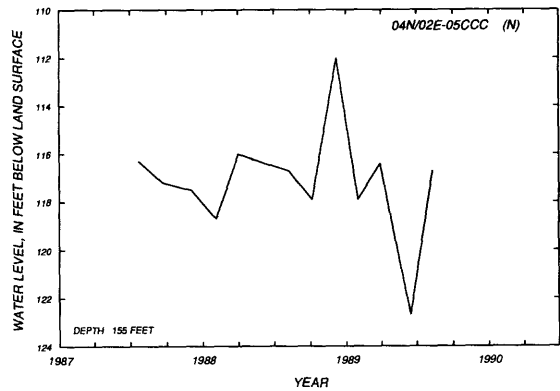
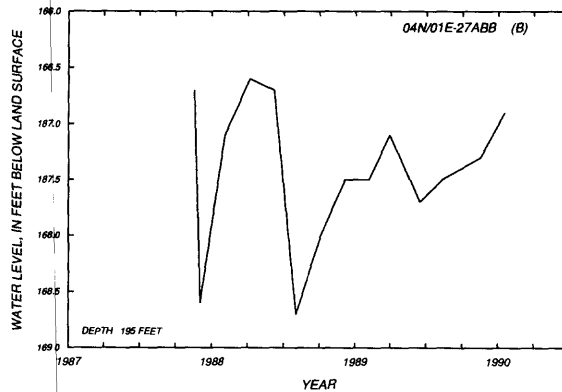
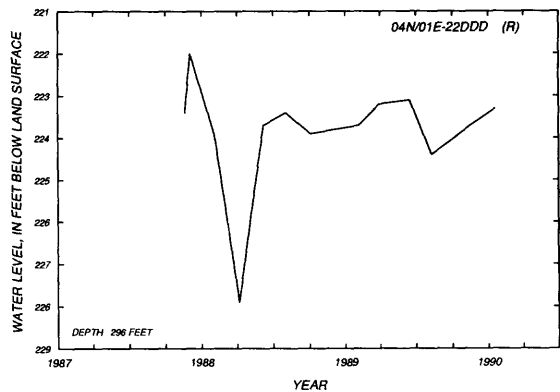
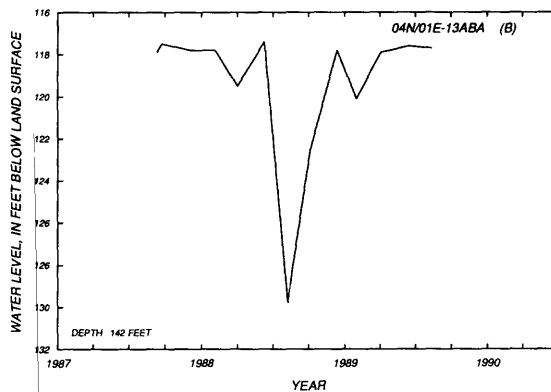
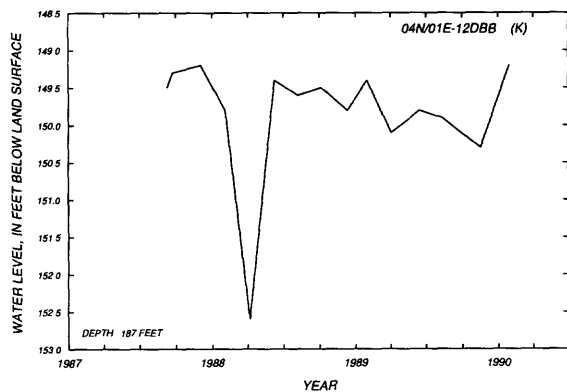


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLARK COUNTY, WASHINGTON--Continued

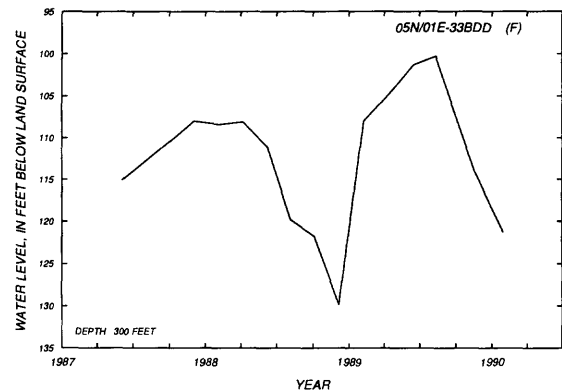
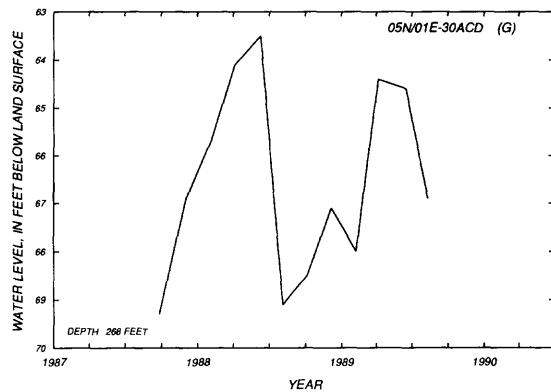
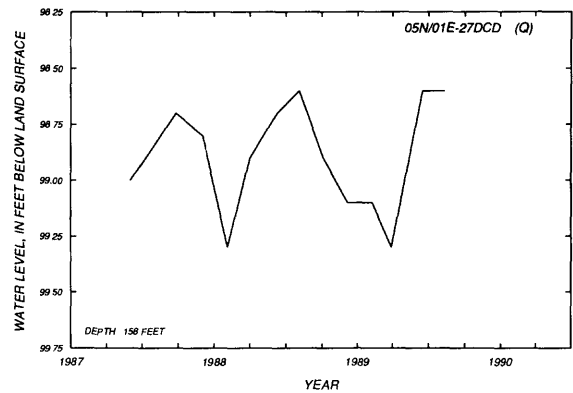
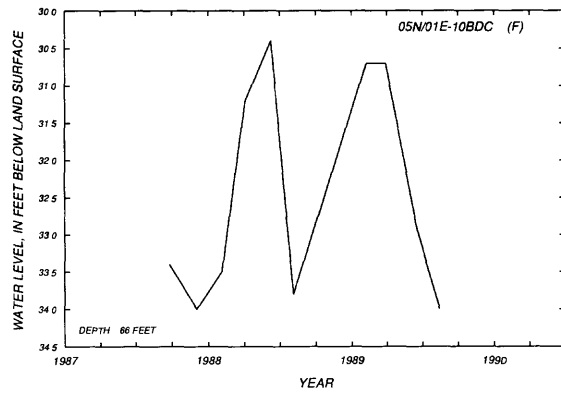
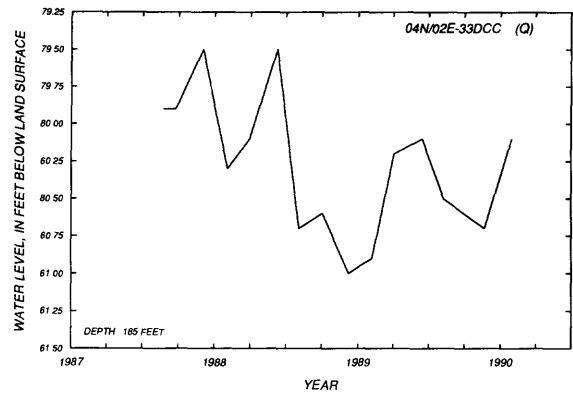
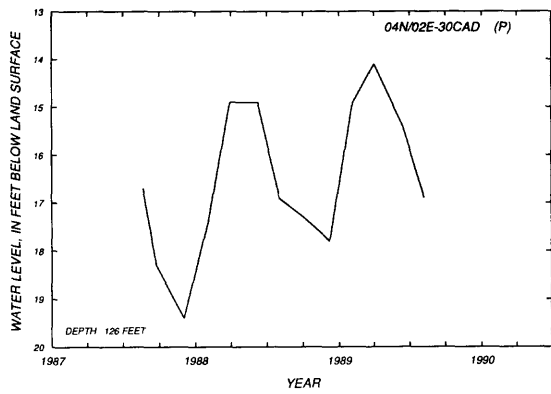


Figure 5.--Selected hydrographs for the period 1987-90--Continued.



# CLACKAMAS COUNTY, OREGON

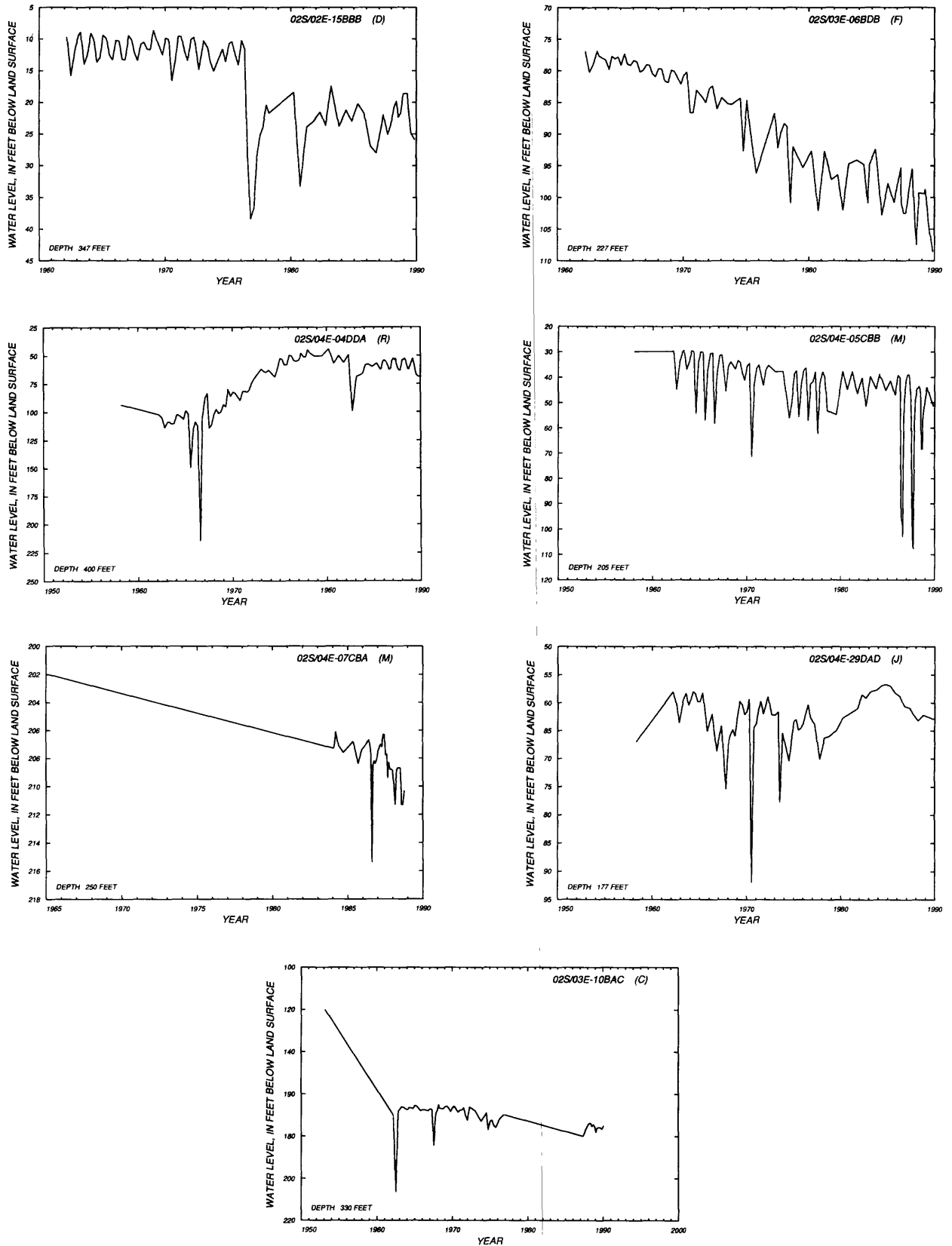
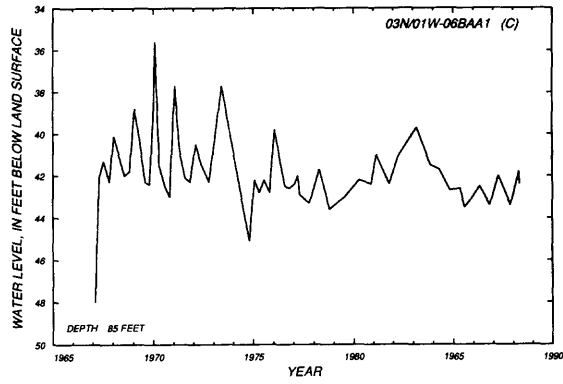


Figure 6.--Selected long-term hydrographs.



## COLUMBIA COUNTY, OREGON



## MULTNOMAH COUNTY, OREGON

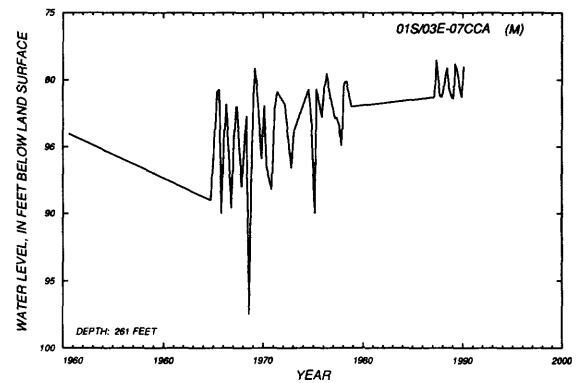
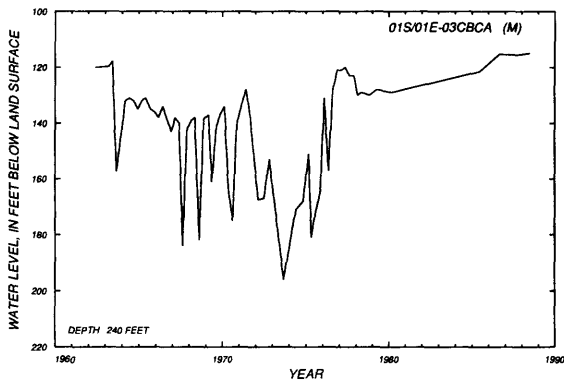
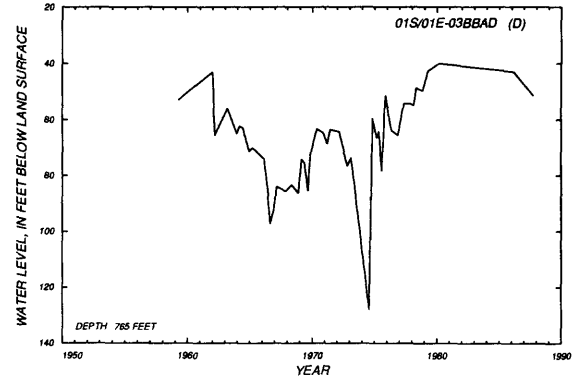
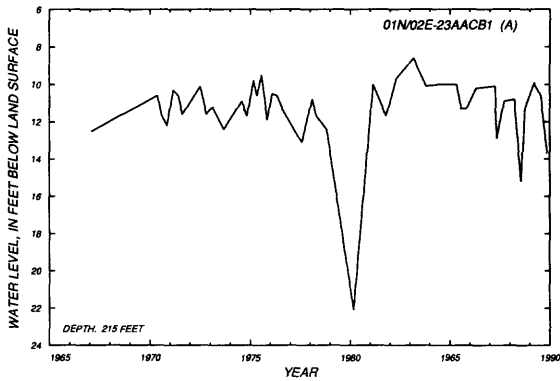
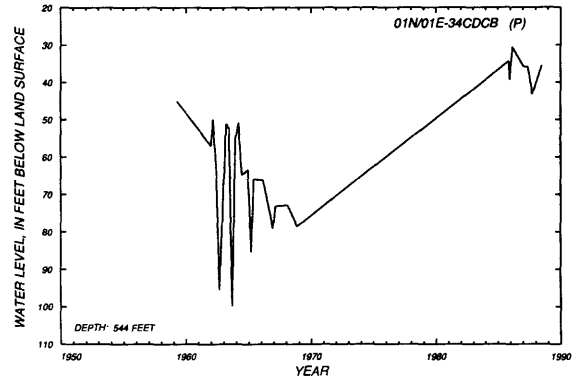
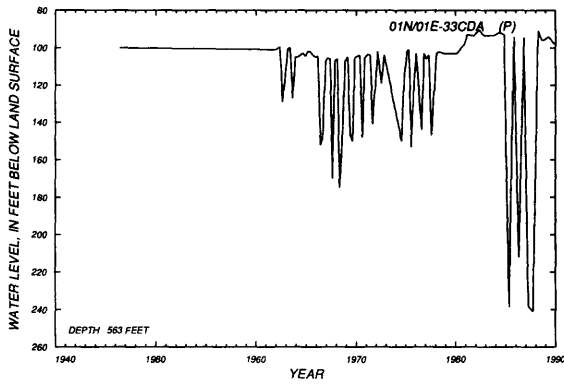
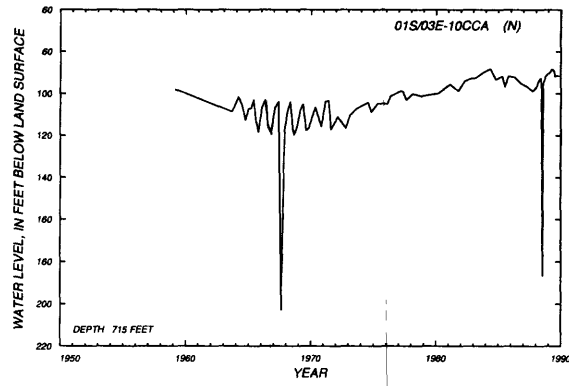


Figure 6.--Selected long-term hydrographs--Continued.



# MULTNOMAH COUNTY, OREGON--Continued



# CLARK COUNTY, WASHINGTON

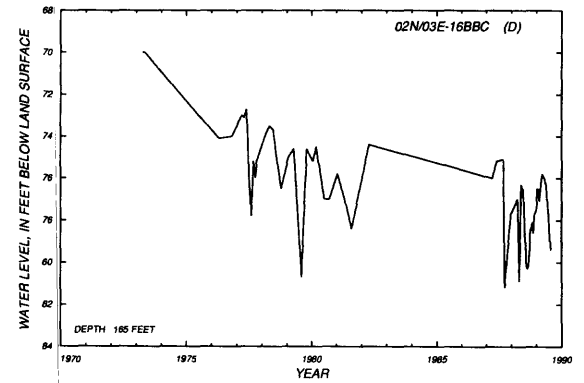
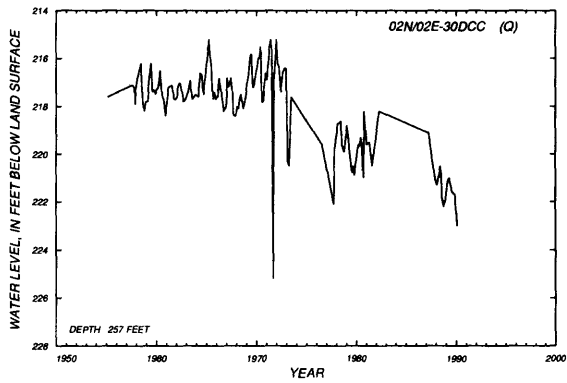
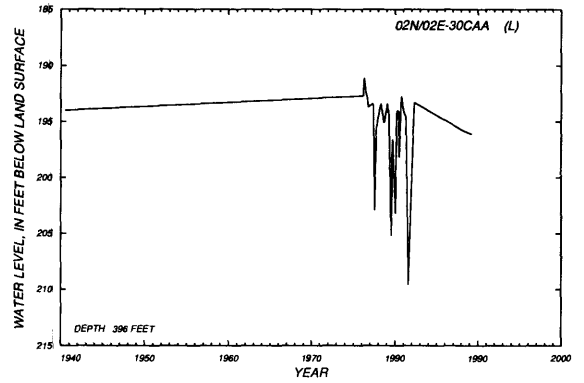
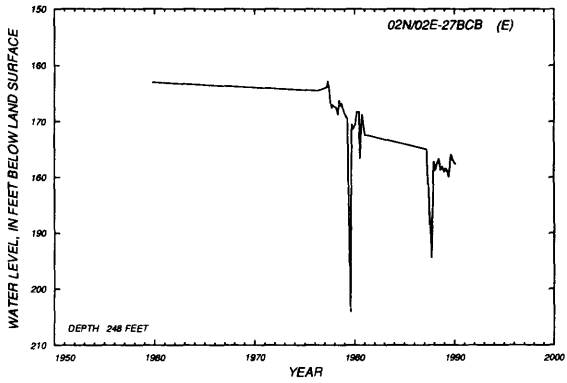
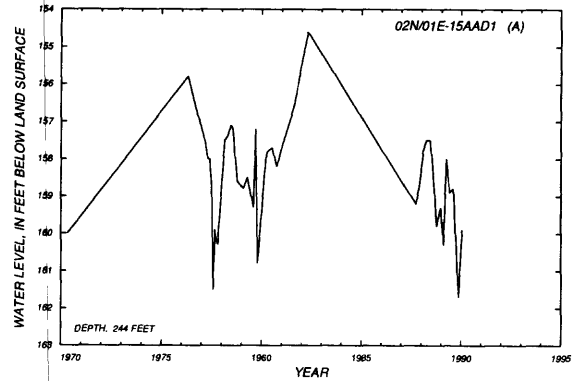
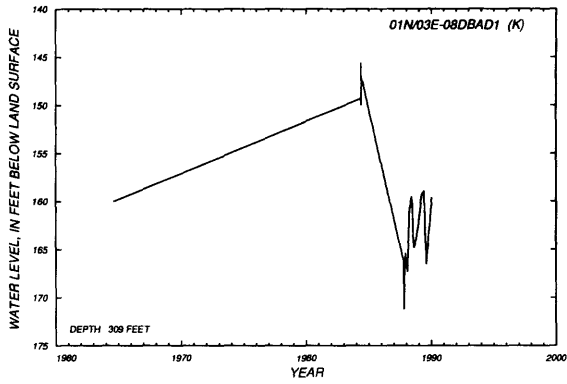


Figure 6.--Selected long-term hydrographs--Continued.



# CLARK COUNTY, WASHINGTON--Continued

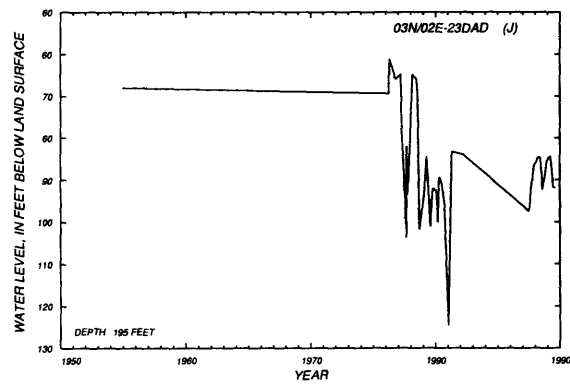
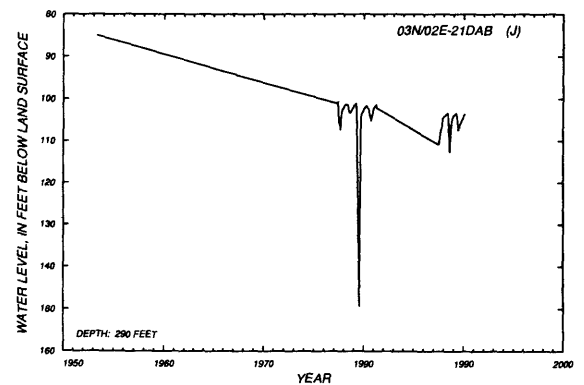
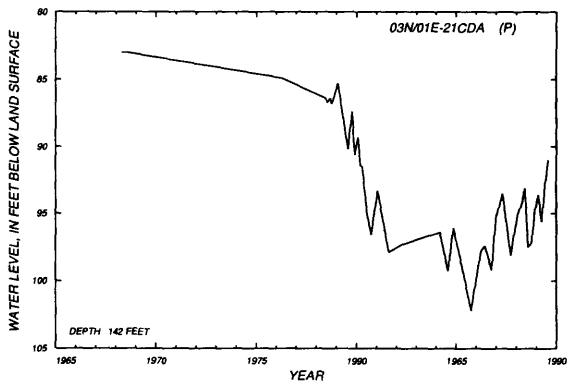
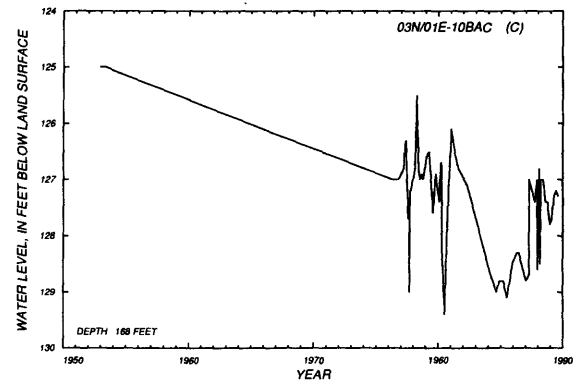
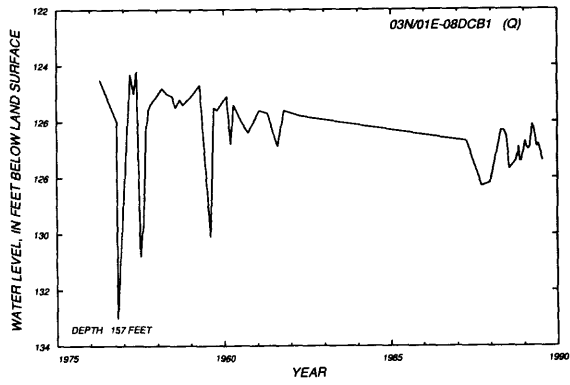


Figure 6.--Selected long-term hydrographs--Continued.



#### SELECTED REFERENCES

- Foxworthy, B.L., Hogenson, G.M., and Hampton, E.R., 1964, Records of wells and springs, water levels, and chemical quality of ground water in the east Portland area, Oregon: State of Oregon Ground Water Report Number 3, 79 p.
- Hogenson, G.M., and Foxworthy, F.L., 1965, Ground water in the East Portland area, Oregon: U.S. Geological Survey Water-Supply Paper 1793, 78 p.
- Mundorff, M.J., 1964, Geology and ground-water conditions of Clark County Washington, with a description of a major alluvial aquifer along the Columbia River: U.S. Geological Survey Water-Supply Paper 1600, 268 p.