

GROUND-WATER LEVELS

COLUMBIA COUNTY

461935118081501. Local number, 10N/37E-23R01.

LOCATION.--Lat 46°19'34", long 118°08'14", NAD of 1927, Hydrologic Unit 17070102, near Dayton.

AQUIFER.--Grande Ronde Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt Group of Miocene Age.

WELL CHARACTERISTICS.--Drilled unused irrigation well, water table, diameter 6 in, depth 103 ft.

DATUM.--Elevation of land-surface datum is 1,390 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; uncertain, probably 6 in diameter open end casing at 103 ft, water level measured in 6 in casing

PERIOD OF RECORD.--June 1968 to November 1973. September 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 24.40 ft below land-surface datum, Sept. 8, 1997; lowest measured, 41.28 ft below land-surface datum, June 25, 1968.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level
OCT 8, 2002	37.87	FEB 7	37.46	JUN 13	36.15
DEC 9, 2003	37.90	APR 29	36.00	SEP 19	37.35

JEFFERSON COUNTY

475629122480701. Local number, 28N/01W-04R01.

LOCATION.--Lat 47°56'28.9", long 122°48'07.3", NAD of 1927, Hydrologic Unit 17110019, near Center.

AQUIFER.--Vashon recessional outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, confined, diameter 6 in, depth 36 ft.

DATUM.--Elevation of land-surface datum is 214 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; 5 in diameter screen from 31 to 36 ft, water level measured in 6 in casing

PERIOD OF RECORD.--March 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 7.06 ft below land-surface datum, Oct. 31, 2002; lowest measured, 9.26 ft below land-surface datum, Nov. 26, 2002.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003

[a = measured by personnel from Jefferson County PUD No. 1]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAR 7, 2002	7.57	OCT 31	7.06	FEB 28	8.30a	JUN 30	8.24
JUL 19	8.20	NOV 26	9.26	MAR 31	7.81a	JUL 31	8.69a
AUG 27	8.69	DEC 31	8.78a	APR 30	7.73a		
SEP 24	8.02	JAN 31, 2003	8.32a	MAY 30	7.89a		

480145122464201. Local number, 29N/01W-03R01.

LOCATION.--Lat 48°01'45.4", long 122°46'42.3", NAD of 1927, Hydrologic Unit 17110019, near Hadlock.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled irrigation well, confined, diameter 6 in, depth 95 ft.

DATUM.--Elevation of land-surface datum is 133 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; 6 in diameter open end casing at 95 ft, water level measured in 6 in casing

PERIOD OF RECORD.--July 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 56.39 ft below land-surface datum, July 9, 2002; lowest measured, 59.40 ft below land-surface datum, July 31, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003

[a = measured by personnel from Jefferson County PUD No. 1]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
JUL 9, 2002	56.39	DEC 31	58.52a	MAR 31	57.17a	JUN 30	58.12
AUG 27	57.04	JAN 31, 2003	57.98a	APR 30	56.70a	JUL 31	59.40a
NOV 26	58.77	FEB 28	57.74a	MAY 30	56.96a		

GROUND-WATER LEVELS

JEFFERSON COUNTY--Continued

480016122451901. Local number, 29N/01W-13M01.

LOCATION.--Lat 48°00'16.1", long 122°45'18.6", NAD of 1927, Hydrologic Unit 17110019, near Chimacum.

AQUIFER.--Undifferentiated glacial sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, confined, diameter 6 in, depth 80 ft.

DATUM.--Elevation of land-surface datum is 141 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; 5 in diameter screen from 78 to 80 ft, water level measured in 6 in casing

PERIOD OF RECORD.--April 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 20.90 ft below land-surface datum, Mar. 31, 2003; lowest measured, 22.91 ft below land-surface datum, July 31, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003

[a = measured by personnel from Jefferson County PUD No. 1]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
APR 18, 2002	21.77	OCT 31	21.85	FEB 28	21.32a	MAY 30	21.54a
JUL 19	21.74	NOV 26	21.76	MAR 31	20.90a	JUN 30	21.79
AUG 27	22.12	DEC 31	20.93a	APR 30	21.28a	JUL 31	22.91a
SEP 24	21.92	JAN 31, 2003	21.01a				

480047122465801. Local number, 29N/01W-15B01.

LOCATION.--Lat 48°00'46.9", long 122°46'57.9", NAD of 1927, Hydrologic Unit 17110019, near Chimacum.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 6 in, depth 86 ft.

DATUM.--Elevation of land-surface datum is 127 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; 5 in diameter screen from 82 to 86 ft, water level measured in 6 in casing. A pressure transducer and data logger were installed on September 28, 2002. Water levels were measured at 2-hour intervals. The water levels below are average daily values for the dates given.

PERIOD OF RECORD.--July 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 16.91 ft below land-surface datum, Apr. 2, 2003; lowest measured, 20.14 ft below land-surface datum, August 26-27, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.88	18.69	18.82	18.52	18.22	18.25	16.98	17.61	18.02	18.37	19.70	19.87
2	18.89	18.64	18.86	18.37	18.25	18.01	16.91	17.48	18.08	18.50	19.61	19.92
3	18.73	18.65	18.86	18.48	18.20	17.84	17.03	17.38	18.06	18.56	19.55	19.86
4	18.76	18.63	18.90	18.39	18.14	17.66	17.14	17.48	18.06	18.67	19.54	19.81
5	18.83	18.59	18.91	18.65	18.04	17.47	17.14	17.70	18.03	18.63	19.52	19.84
6	18.99	18.46	18.84	18.59	18.03	17.41	17.20	17.68	17.99	18.56	19.58	19.70
7	18.96	18.14	18.90	18.50	17.93	17.38	17.26	17.63	17.98	18.49	19.61	19.65
8	18.84	18.02	18.86	18.43	17.82	17.51	17.20	17.65	18.05	18.65	19.64	19.61
9	18.75	18.19	18.72	18.36	17.81	17.39	17.27	17.76	18.05	18.70	19.57	19.50
10	18.70	18.42	18.58	18.29	17.86	17.47	17.17	17.84	18.08	18.73	19.52	19.62
11	18.86	18.65	18.60	18.21	17.70	17.33	17.21	17.79	18.10	18.81	19.52	19.70
12	18.95	18.56	18.48	18.23	17.62	17.16	17.12	17.81	18.04	18.77	19.64	19.81
13	18.86	18.71	18.42	18.35	17.48	17.00	17.09	17.79	18.06	18.91	19.76	19.79
14	18.88	18.79	18.12	18.43	17.60	17.04	17.21	17.72	18.16	19.03	19.77	19.64
15	18.79	18.70	18.14	18.47	17.46	16.96	17.30	17.77	18.24	18.97	19.78	19.55
16	18.74	18.47	18.05	18.50	17.43	17.10	17.35	17.87	18.23	18.94	19.82	19.43
17	18.65	18.71	18.29	18.48	17.75	17.32	17.31	17.93	18.19	19.04	19.75	19.56
18	18.67	18.73	18.48	18.40	17.85	17.40	17.45	18.04	18.22	19.17	19.71	19.46
19	18.90	18.85	18.47	18.42	17.73	17.25	17.48	18.03	18.16	19.21	19.79	19.46
20	18.92	18.89	18.38	18.37	17.66	17.20	17.40	17.92	18.12	19.20	19.86	19.55
21	18.86	18.76	18.50	18.33	17.65	17.13	17.37	17.91	18.13	19.27	19.72	19.55
22	18.75	18.80	18.71	18.14	17.76	17.04	17.36	17.84	18.16	19.32	19.79	19.44
23	18.69	18.78	18.73	18.20	17.85	17.25	17.26	17.79	18.19	19.34	19.93	19.39
24	18.61	18.93	18.62	18.18	18.12	17.29	17.30	17.66	18.28	19.31	20.10	19.37
25	18.60	19.09	18.55	18.15	18.73	17.20	17.34	17.75	18.38	19.34	20.11	19.49
26	18.60	19.03	18.57	18.04	19.25	17.19	17.39	17.86	18.36	19.46	20.14	19.53
27	18.59	18.93	18.41	18.16	18.89	17.38	17.49	17.95	18.29	19.46	20.14	19.39
28	18.66	18.89	18.48	18.58	18.44	17.47	17.43	17.88	18.19	19.47	20.06	19.27
29	18.66	18.85	18.46	18.80	---	17.46	17.43	17.88	18.07	19.53	20.07	19.29
30	18.69	18.79	18.39	18.87	---	17.33	17.59	17.82	18.22	19.58	19.95	19.33
31	18.72	---	18.46	18.36	---	17.16	---	17.93	---	19.65	19.89	---
MEAN	18.77	18.68	18.57	18.40	17.97	17.36	17.27	17.78	18.14	19.02	19.78	19.58
MAX	18.99	19.09	18.91	18.87	19.25	18.25	17.59	18.04	18.38	19.65	20.14	19.92
MIN	18.59	18.02	18.05	18.04	17.43	16.96	16.91	17.38	17.98	18.37	19.52	19.27

GROUND-WATER LEVELS

JEFFERSON COUNTY--Continued

480007122465301. Local number, 29N/01W-15R01.

LOCATION.--Lat 48°00'07.1", long 122°46'54.1", NAD of 1927, Hydrologic Unit 17110019, near Chimacum.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled irrigation well, confined, diameter 10 in, depth uncertain (originally drilled to 78 ft, may have been deepened to 95 ft).

DATUM.--Elevation of land-surface datum is 136 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; uncertain, water level measured in 6 in casing

PERIOD OF RECORD.--January 1968 to December 1968, January 1970 to October 1973, August 1975, April 1988, and March 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 1.29 ft below land-surface datum, April 13, 1970; lowest measured, 16.31 ft below land-surface datum, August 6, 1968.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003
[R = well recently pumped; a = measured by personnel from Jefferson County PUD No. 1]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAR 5, 2002	4.97	OCT 31	9.45	FEB 28	6.00a	JUN 30	10.18
JUL 18	8.37	NOV 26	7.40	MAR 31	5.17a	JUL 31	15.69a
AUG 27	17.13R	DEC 31	6.00a	APR 30	5.26a		
SEP 24	9.14	JAN 31, 2003	5.69a	MAY 30	6.09a		

475945122460201. Local number, 29N/01W-23F01.

LOCATION.--Lat 47°59'45.4", long 122°46'01.6", NAD of 1927, Hydrologic Unit 17110019, near Chimacum.

AQUIFER.--Undifferentiated glacial sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, confined, diameter 6 in, depth 87 ft.

DATUM.--Elevation of land-surface datum is 176 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; 5.5 in diameter screen from 78 to 83 ft, water level measured in 6 in casing

PERIOD OF RECORD.--July 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 35.43 ft below land-surface datum, Oct. 31, 2002; lowest measured, 37.06 ft below land-surface datum, May 30, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003
[R = well recently pumped; P = well pumping; a = measured by personnel from Jefferson County PUD No. 1]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
JUL 19, 2002	40.84R	NOV 26	35.57R	MAR 31	42.60Pa	JUL 31	42.97Ra
AUG 27	43.10R	DEC 31	36.00Ra	APR 30	36.65a		
SEP 24	35.27R	JAN 31, 2003	36.14Ra	MAY 30	37.06a		
OCT 31	35.43	FEB 28	36.69Ra	JUN 30	35.97		

475926122444101. Local number, 29N/01W-24K03.

LOCATION.--Lat 47°59'25.9", long 122°44'41.4", NAD of 1927, Hydrologic Unit 17110019, near Port Ludlow.

AQUIFER.--Undifferentiated glacial sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, water table, diameter 6 in, depth 37 ft.

DATUM.--Elevation of land-surface datum is 155 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; 5.5 in diameter screen from 32 to 37 ft, water level measured in 6 in casing

PERIOD OF RECORD.--May 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 21.70 ft below land-surface datum, March 31, 2003; lowest measured, 23.97 ft below land-surface datum, July 31, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003
[a = measured by personnel from Jefferson County PUD No. 1]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 9, 2002	22.09	OCT 31	23.79	FEB 28	22.38a	JUN 30	23.22
JUL 19	23.22	NOV 26	23.61	MAR 31	21.70a	JUL 31	23.97a
AUG 27	23.90	DEC 31	22.30a	APR 30	22.07a		
SEP 24	23.90	JAN 31, 2003	21.99a	MAY 30	22.52a		

GROUND-WATER LEVELS

JEFFERSON COUNTY--Continued

475827122463601. Local number, 29N/01W-26M01.

LOCATION.--Lat 47°58'27.1", long 122°46'35.7", NAD of 1927, Hydrologic Unit 17110019, near Center.

AQUIFER.--Undifferentiated glacial sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled irrigation well, probably confined, diameter 6 in, depth unknown.

DATUM.--Elevation of land-surface datum is 131 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; unknown, water level measured in 6 in casing

PERIOD OF RECORD.--April 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 4.08 ft below land-surface datum, December 31, 2002; lowest measured, 6.70 ft below land-surface datum, July 19, 2002.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003

[a = measured by personnel from Jefferson County PUD No. 1]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
APR 16, 2002	5.39	OCT 31	5.91	FEB 28	4.88a	JUN 30	5.89
JUL 19	6.70	NOV 26	5.64	MAR 31	4.43a	JUL 31	6.05a
AUG 27	6.15	DEC 31	4.08a	APR 30	5.07a		
SEP 24	5.99	JAN 31, 2003	4.42a	MAY 30	5.43a		

475734122453701. Local number, 29N/01W-35J01.

LOCATION.--Lat 47°57'33.5", long 122°45'36.7", NAD of 1927, Hydrologic Unit 17110019, near Center.

AQUIFER.--Undifferentiated glacial sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, water table, diameter 6 in, depth 109 ft.

DATUM.--Elevation of land-surface datum is 362 ft above NAVD of 1988.

REMARKS.--Monitored depth interval; 5 in diameter screen from 104 to 109 ft, water level measured in 6 in casing

PERIOD OF RECORD.--May 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 84.95 ft below land-surface datum, May 8, 2002; lowest measured, 85.73 ft below land-surface datum, April 30, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2001 TO SEPTEMBER 2003

[a = measured by personnel from Jefferson County PUD No. 1, P = well pumping]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 8, 2002	84.95	OCT 31	85.29	FEB 28	85.49a	JUN 30	85.66
JUL 19	85.10	NOV 26	85.24	MAR 31	85.18a	JUL 31	85.58a
AUG 27	84.99	DEC 31	85.7 Pa	APR 30	85.73a		
SEP 24	85.01	JAN 31, 2003	85.27a	MAY 30	85.41a		

GROUND-WATER LEVELS

LINCOLN COUNTY

473442118162201. Local number, 24N/36E-16A01.

LOCATION.--Lat 47°34'41", long 118°16'27", NAD of 1927, Hydrologic Unit 17020013, near Davenport.

Owner: Washington State, Department of Ecology.

AQUIFER.--Wanapum Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled observation well, water-table, diameter 10 in, depth 117 ft.

DATUM.--Elevation of land-surface datum is 2,372 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter open hole from 75 to 117 ft, water level measured in 10 in casing. A pressure transducer and data logger were installed on Feb. 1, 1998. Water levels were recorded at 4-hour intervals. The water levels below are average daily values for the dates given.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 26.57 ft below land-surface datum, April 9, 1997; lowest measured, 52.15 ft below land-surface datum, Sept. 23, 1992.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 5, 2002	37.8	JAN 5	37.3	MAR 15	35.7	MAY 25	35.9	AUG 5	37.5
OCT 9	37.8	JAN 10	37.4	MAR 20	35.7	MAY 30	36.0	AUG 10	37.7
NOV 5	38.4	JAN 15	37.2	MAR 25	35.6	JUN 5	36.2	AUG 15	37.8
NOV 10	38.3	JAN 20	37.3	MAR 30	35.7	JUN 10	36.1	AUG 20	37.9
NOV 15	38.5	JAN 25	37.2	APR 5	35.7	JUN 15	36.5	AUG 25	38.0
NOV 20	38.7	JAN 30	35.9	APR 10	35.8	JUN 20	36.3	AUG 30	38.2
NOV 25	38.9	FEB 5	35.8	APR 15	35.8	JUN 25	36.7	SEP 5	38.2
NOV 30	38.8	FEB 10	36.0	APR 20	35.8	JUN 30	36.6	SEP 10	38.4
DEC 5	39.0	FEB 15	36.2	APR 25	35.8	JUL 5	36.8	SEP 15	38.4
DEC 10	38.7	FEB 20	35.8	APR 30	35.9	JUL 10	37.0	SEP 20	38.6
DEC 15	38.5	FEB 25	36.0	MAY 5	35.9	JUL 15	37.0	SEP 25	38.7
DEC 20	38.6	FEB 28	36.2	MAY 10	36.0	JUL 20	37.2	SEP 30	38.8
DEC 25	38.9	MAR 5	36.0	MAY 15	35.9	JUL 25	37.2		
DEC 30	38.8	MAR 10	36.4	MAY 20	36.1	JUL 30	37.4		

473442118162202. Local number, 24N/36E-16A02.

LOCATION.--Lat 47°34'41", long 118°16'27", NAD of 1927, Hydrologic Unit 17020013, near Davenport.

Owner: Washington State, Department of Ecology.

AQUIFER.--Wanapum Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 10 in, depth 160 ft.

DATUM.--Elevation of land-surface datum is 2,372 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter open hole from 123 to 160 ft, water level measured in 1.25 in diameter piezometer.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.62 ft below land-surface datum, Apr. 9, 1997; lowest measured, 52.2 ft below land-surface datum, Sept. 23, 1992.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 24	38.05	JAN 15	37.19	MAY 1	35.98	AUG 28	38.14
OCT 31	38.42	FEB 13	35.98	JUL 2	36.74		

473442118162203. Local number, 24N/36E-16A03.

LOCATION.--Lat 47°34'41", long 118°16'27", NAD of 1927, Hydrologic Unit 17020013, near Davenport.

Owner: Washington State, Department of Ecology.

AQUIFER.--Wanapum Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 10 in, depth 224 ft.

DATUM.--Elevation of land-surface datum is 2,372 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter open hole from 208 to 224 ft, water level measured in 1.25 in diameter piezometer.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 26.58 ft below land-surface datum, Apr. 9, 1997; lowest measured 52.24 ft below land-surface datum, Sept. 23, 1992.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 24	38.05	JAN 15	37.22	MAY 1	35.98	AUG 28	38.17
OCT 31	38.41	FEB 13	35.98	JUL 2	36.70		

GROUND-WATER LEVELS

LINCOLN COUNTY--Continued

473442118162204. Local number, 24N/36E-16A04.

LOCATION.--Lat 47°34'41", long 118°16'27", NAD of 1927, Hydrologic Unit 17020013, near Davenport.

Owner: Washington State, Department of Ecology.

AQUIFER.--Wanapum Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 10 in, depth 261 ft.

DATUM.--Elevation of land-surface datum is 2,372 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter open hole from 242 to 261 ft, water level measured in 1.25 in diameter piezometer.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 26.04 ft below land-surface datum, Apr. 9, 1997; lowest measured, 52.28 ft below land-surface datum, Sept. 23, 1992.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 24	38.15	JAN 15	37.65	MAY 1	36.20	AUG 28	38.28
OCT 31	38.51	FEB 13	36.33	JUL 2	36.89		

473442118162205. Local number, 24N/36E-16A05.

LOCATION.--Lat 47°34'41", long 118°16'27", NAD of 1927, Hydrologic Unit 17020013, near Davenport.

Owner: Washington State, Department of Ecology.

AQUIFER.--Wanapum and Grande Ronde Basalts of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 10 in, depth 365 ft.

DATUM.--Elevation of land-surface datum is 2,372 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter open hole from 315 to 365 ft, water level measured in 1.25 in diameter piezometer.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 27.90 ft below land-surface datum, May 1, 1974; lowest measured, 57.55 below land-surface datum, Sept. 23, 1992.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 24	39.97	JAN 15	41.07	MAY 1	39.58	AUG 28	40.37
OCT 31	40.27	FEB 13	40.30	JUL 2	39.51		

473442118162206. Local number, 24N/36E-16A06.

LOCATION.--Lat 47°34'41", long 118°16'27", NAD of 1927, Hydrologic Unit 17020013, near Davenport.

Owner: Washington State, Department of Ecology.

AQUIFER.--Grande Ronde Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 10 in, depth 491 ft.

DATUM.--Elevation of land-surface datum is 2,372 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter open hole from 451 to 491 ft, water level measured in 1.25 in diameter piezometer.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 29.6 ft below land-surface datum Feb. 6, 1998; lowest measured, 87.9 ft below land-surface datum, Sept. 8, 1971.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 24	39.48	JAN 15	39.45	MAY 1	39.60	AUG 28	40.74
OCT 31	39.50	FEB 13	39.53	JUL 2	39.16		

GROUND-WATER LEVELS

LINCOLN COUNTY--Continued

473442118162207. Local number, 24N/36E-16A07.

LOCATION.--Lat 47°34'41", long 118°16'27", NAD of 1927, Hydrologic Unit 17020013, near Davenport.

Owner: Washington State, Department of Ecology.

AQUIFER.--Grande Ronde Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 10 in, depth 635 ft.

DATUM.--Elevation of land-surface datum is 2,372 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter open hole from 590 to 635 ft, water level measured in 1.25 in diameter piezometer.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 161.17 ft below land-surface datum Mar. 22, 1972; lowest measured, 217.88 ft below land-surface datum, July 26, 1994.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 24	201.48	JAN 15	196.78	MAY 1	192.37	AUG 28	203.23
OCT 31	201.29	FEB 13	194.76	JUL 2	196.05		

473442118162208. Local number, 24N/36E-16A08.

LOCATION.--Lat 47°34'41", long 118°16'27", NAD of 1927, Hydrologic Unit 17020013, near Davenport.

Owner: Washington State, Department of Ecology.

AQUIFER.--Grande Ronde Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 10 in, depth 750 ft.

DATUM.--Elevation of land-surface datum is 2,372 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter open hole from 728 to 750 ft, water level measured in 1.25 in diameter piezometer.

PERIOD OF RECORD.--September 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 161.52 ft below land-surface datum, Mar. 22, 1972; lowest measured, 217.93 ft below land-surface datum, July 26, 1994.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 24	201.44	JAN 15	196.72	MAY 1	192.28	AUG 28	203.22
OCT 31	201.27	FEB 13	194.74	JUL 2	196.03		

GROUND-WATER LEVELS

OKANOGAN COUNTY

482103120055101. Local number, 32N/22E-21D02.

LOCATION.--Lat 48°22'52.2", long 120°13'45.4", NAD of 1927, Hydrologic Unit 17020008, near Twisp.

Owner: Washington State, Department of Fish and Wildlife.

AQUIFER.-- Unidentified gravel unit of Pleistocene Age and unidentified shale unit of Cretaceous Age.

WELL CHARACTERISTICS.--Drilled observation well, sometimes water table and sometimes confined, diameter 6 in, depth 61 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed May 24, 2001 and removed October 2, 2003.

DATUM.--Elevation of land-surface datum is 2,000.4 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter open hole from 53 to 61 ft.

PERIOD OF RECORD.--May 2001 to October 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 41.37 ft below land-surface datum, May 22, 2001; lowest measured, 44.0 ft below land-surface datum, January 21, 2003.

WATER LEVEL, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.3	43.6	43.8	43.8	43.9	43.7	43.4	42.6	41.6	41.6	42.0	42.3
2	43.3	43.6	43.8	43.8	43.9	43.7	43.4	42.6	41.6	41.6	42.0	42.3
3	43.3	43.6	43.8	43.8	43.9	43.7	43.4	42.6	41.6	41.6	42.0	42.2
4	43.3	43.6	43.8	43.9	43.9	43.6	43.4	42.6	41.6	41.6	42.0	42.2
5	43.3	43.7	43.8	43.9	43.9	43.6	43.4	42.5	41.6	41.6	42.0	42.2
6	43.3	43.7	43.8	43.9	43.9	43.6	43.4	42.5	41.6	41.6	42.1	42.2
7	43.3	43.7	43.8	43.9	43.8	43.6	43.4	42.4	41.6	41.6	42.1	42.2
8	43.3	43.6	43.8	43.9	43.9	43.6	43.3	42.4	41.6	41.6	42.1	42.2
9	43.3	43.6	43.8	43.9	43.9	43.6	43.3	42.4	41.6	41.7	42.1	42.2
10	43.3	43.6	43.8	43.9	43.9	43.6	43.3	42.3	41.6	41.7	42.1	42.2
11	43.3	43.6	43.8	43.9	43.9	43.6	43.3	42.3	41.6	41.7	42.1	42.2
12	43.3	43.6	43.8	43.9	43.9	43.7	43.2	42.2	41.6	41.8	42.1	42.2
13	43.4	43.6	43.8	43.9	43.8	43.7	43.2	42.2	41.6	41.8	42.1	42.2
14	43.4	43.6	43.8	43.9	43.8	43.7	43.2	42.1	41.6	41.8	42.1	42.2
15	43.3	43.6	43.8	43.9	43.9	43.6	43.3	42.3	41.6	41.7	42.1	42.2
16	43.4	43.6	43.8	43.9	43.8	43.7	43.1	42.1	41.7	41.8	42.2	42.2
17	43.5	43.7	43.8	43.9	43.8	43.6	43.1	42.0	41.7	41.8	42.2	42.2
18	43.5	43.7	43.8	43.9	43.8	43.6	43.0	42.0	41.6	41.8	42.2	42.2
19	43.5	43.7	43.8	43.9	43.8	43.6	43.0	42.0	41.6	41.8	42.2	42.2
20	43.5	43.7	43.8	43.9	43.8	43.6	43.0	42.0	41.7	41.9	42.2	42.2
21	43.6	43.7	43.8	44.0	43.8	43.6	42.9	41.9	41.7	41.9	42.2	42.2
22	43.6	43.7	43.8	43.9	43.7	43.6	42.9	41.9	41.7	41.9	42.2	42.2
23	43.6	43.6	43.8	43.9	43.7	43.5	42.9	41.8	41.7	41.9	42.2	42.2
24	43.6	43.6	43.8	43.9	43.7	43.5	42.8	41.8	41.7	41.9	42.2	42.2
25	43.6	43.7	43.8	43.9	43.7	43.5	42.8	41.8	41.6	41.9	42.3	42.1
26	43.7	43.7	43.8	43.9	43.7	43.5	42.8	41.7	41.6	41.9	42.3	42.1
27	43.7	43.7	43.8	43.9	43.7	43.5	42.8	41.7	41.6	42.0	42.3	42.1
28	43.7	43.8	43.8	43.9	43.7	43.5	42.7	41.7	41.7	42.0	42.3	42.1
29	43.4	43.8	43.8	43.9	---	43.5	42.7	41.7	41.6	42.0	42.3	42.1
30	43.6	43.8	43.8	43.9	---	43.5	42.7	41.7	41.6	42.0	42.3	42.1
31	43.6	---	43.8	43.9	---	43.4	---	41.6	---	42.0	42.3	---
MEAN	43.4	43.7	43.8	43.9	43.8	43.6	43.1	42.1	41.6	41.8	42.2	42.2
MAX	43.7	43.8	43.8	44.0	43.9	43.7	43.4	42.6	41.7	42.0	42.3	42.3
MIN	43.3	43.6	43.8	43.8	43.7	43.4	42.7	41.6	41.6	41.6	42.0	42.1

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482221120115601. Local number, 33N/21E-10L03.

LOCATION.--Lat 48°22'22.1", long 120°11'55.8", NAD of 1927, Hydrologic Unit 17020008, near Twisp.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 6 in, depth 38 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed May 10, 2001 and removed October 2, 2003.

REMARKS.--Monitored depth interval; 6 in diameter open end casing at 38 ft.

DATUM.--Elevation of land-surface datum is 1,830.1 ft above NGVD of 1929.

PERIOD OF RECORD.--April 2001 to October 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 8.5 ft below land-surface datum, June 16-17, 2002; lowest measured, 12.3 ft below land-surface datum, November 10-14, 2001, January 16-18 and 29-30, 2002, and February 3-14, 2002.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.0	11.0	11.7	12.1	12.2	12.1	11.5	11.0	9.3	9.6	10.2	10.5
2	11.0	11.0	11.7	12.1	12.2	12.1	11.5	11.0	9.3	9.7	10.2	10.5
3	11.0	10.9	11.8	12.1	12.2	12.1	11.5	11.1	9.4	9.8	10.2	10.5
4	11.0	10.9	11.8	12.1	12.2	12.1	11.5	11.1	9.4	9.9	10.1	10.5
5	11.0	11.0	11.8	12.1	12.2	12.0	11.5	11.1	9.4	9.9	10.0	10.5
6	11.0	11.0	11.8	12.1	12.2	12.0	11.5	11.1	9.2	10.0	9.9	10.6
7	11.0	11.1	11.8	12.1	12.2	12.0	11.5	11.1	8.9	10.0	9.9	10.6
8	11.0	11.1	11.9	12.1	12.2	12.0	11.5	11.1	8.8	10.0	9.9	10.6
9	11.0	11.1	11.9	12.1	12.2	12.0	11.5	11.1	8.7	10.0	10.0	10.6
10	11.0	11.1	11.9	12.1	12.2	12.0	11.5	11.1	8.8	10.0	10.0	10.6
11	11.0	11.2	11.9	12.1	12.2	12.0	11.5	11.2	8.9	10.0	10.0	10.6
12	11.0	11.2	11.9	12.1	12.2	11.9	11.5	11.2	9.0	10.0	10.1	10.6
13	11.0	11.2	11.9	12.1	12.2	11.8	11.4	11.1	9.1	10.0	10.1	10.6
14	11.0	11.2	11.9	12.1	12.2	11.7	11.3	11.1	9.2	10.0	10.2	10.6
15	11.0	11.3	11.9	12.1	12.2	11.6	11.3	11.0	9.2	10.1	10.2	10.5
16	10.9	11.3	11.7	12.1	12.2	11.5	11.3	10.9	9.3	10.1	10.2	10.5
17	10.9	11.3	11.7	12.1	12.2	11.5	11.3	10.8	9.3	10.1	10.3	10.5
18	10.9	11.4	11.8	12.1	12.2	11.6	11.3	10.8	9.3	10.1	10.3	10.5
19	10.9	11.4	11.8	12.1	12.2	11.6	11.3	10.8	9.2	10.1	10.3	10.5
20	11.0	11.4	11.8	12.2	12.2	11.6	11.3	10.8	9.2	10.2	10.3	10.5
21	11.0	11.4	11.9	12.2	12.2	11.6	11.3	10.8	9.3	10.2	10.3	10.4
22	11.0	11.5	11.9	12.2	12.1	11.6	11.3	10.8	9.3	10.2	10.3	10.4
23	11.0	11.5	11.9	12.2	12.1	11.6	11.3	10.8	9.4	10.2	10.3	10.4
24	11.1	11.5	12.0	12.2	12.1	11.6	11.1	10.5	9.5	10.3	10.3	10.4
25	11.1	11.6	12.0	12.2	12.1	11.6	10.8	10.0	9.5	10.3	10.4	10.4
26	11.1	11.6	12.0	12.2	12.1	11.6	10.8	9.9	9.6	10.3	10.4	10.5
27	11.1	11.6	12.0	12.2	12.1	11.7	10.8	9.9	9.6	10.4	10.4	10.5
28	11.1	11.6	12.0	12.2	12.1	11.7	10.9	9.7	9.5	10.4	10.4	10.5
29	---	11.7	12.0	12.2	---	11.7	10.9	9.5	9.5	10.4	10.4	10.5
30	---	11.7	12.0	12.2	---	11.7	10.9	9.5	9.6	10.3	10.4	10.5
31	11.0	---	12.0	12.2	---	11.6	---	9.5	---	10.3	10.5	---
MEAN	---	11.3	11.9	12.1	12.2	11.8	11.3	10.7	9.3	10.1	10.2	10.5
MAX	---	11.7	12.0	12.2	12.2	12.1	11.5	11.2	9.6	10.4	10.5	10.6
MIN	---	10.9	11.7	12.1	12.1	11.5	10.8	9.5	8.7	9.6	9.9	10.4

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482112120045801. Local number, 33N/22E-16R03.

LOCATION.--Lat 48°21'11.7", long 120°04'57.8", NAD of 1927, Hydrologic Unit 17020008, near Twisp.

Owner: Okanogan County.

AQUIFER.-- Undetermined.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 87 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed May 7, 2002 and removed July 18, 2003.

REMARKS.--Monitored depth interval unknown.

DATUM.--Elevation of land-surface datum is 1,680 ft above NGVD of 1929.

PERIOD OF RECORD.--May 2002 to July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 85.71 ft below land-surface datum, April 12, 2002; lowest measured, 86.42 ft below land-surface datum, April 23-24 and 26, 2003 and May 3, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, MAY 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES				
	MAY	JUN	JUL	AUG	SEP
1	---	85.91	85.88	85.79	85.77
2	---	85.91	85.88	85.79	85.76
3	---	85.90	85.89	85.78	85.78
4	---	85.90	85.88	85.79	85.76
5	---	85.92	85.87	85.78	85.76
6	---	85.90	85.87	85.78	85.77
7	---	85.91	85.87	85.78	85.77
8	85.82	85.90	85.89	85.78	85.77
9	85.84	85.91	85.87	85.77	85.77
10	85.84	85.92	85.87	85.78	85.78
11	85.83	85.92	85.87	85.77	85.78
12	85.83	85.92	85.86	85.77	85.78
13	85.85	85.91	85.85	85.76	85.78
14	85.85	85.92	85.86	85.78	85.78
15	85.85	85.92	85.84	85.77	85.78
16	85.85	85.91	85.84	85.77	85.78
17	85.87	85.91	85.84	85.77	85.79
18	85.87	85.91	85.84	85.76	85.79
19	85.88	85.90	85.84	85.77	85.80
20	85.89	85.90	85.83	85.77	85.80
21	85.89	85.91	85.83	85.76	85.81
22	85.88	85.91	85.82	85.76	85.82
23	85.87	85.90	85.82	85.76	85.82
24	85.88	85.90	85.82	85.76	85.82
25	85.90	85.90	85.82	85.77	85.82
26	85.90	85.90	85.82	85.77	85.84
27	85.90	85.91	85.81	85.77	85.84
28	85.91	85.90	85.81	85.76	85.83
29	85.91	85.90	85.81	85.77	85.85
30	85.90	85.88	85.81	85.77	85.83
31	85.90	---	85.79	85.76	---
MEAN	---	85.91	85.85	85.77	85.79
MAX	---	85.92	85.89	85.79	85.85
MIN	---	85.88	85.79	85.76	85.76

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482112120045801. Local number, 33N/22E-16R03--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	85.84	85.93	86.04	86.13	86.23	86.31	86.38	86.39	86.27	86.05	---	---
2	85.84	85.96	86.05	86.14	86.23	86.30	86.38	86.41	86.26	86.04	---	---
3	85.87	85.96	86.05	86.15	86.24	86.31	86.38	86.42	86.25	86.03	---	---
4	85.86	85.97	86.06	86.15	86.24	86.31	86.38	86.41	86.24	86.03	---	---
5	85.87	85.97	86.06	86.15	86.25	86.32	86.38	86.39	86.24	86.03	---	---
6	85.87	85.97	86.07	86.14	86.24	86.32	86.39	86.35	86.23	86.02	---	---
7	85.89	85.97	86.08	86.15	86.25	86.33	86.37	86.40	86.23	86.02	---	---
8	85.88	85.99	86.07	86.16	86.25	86.33	86.38	86.39	86.23	86.01	---	---
9	85.89	86.00	86.07	86.16	86.25	86.33	86.38	86.40	86.22	86.00	---	---
10	85.90	86.00	86.08	86.17	86.26	86.33	86.38	86.40	86.21	85.99	---	---
11	85.88	85.99	86.09	86.17	86.26	86.33	86.39	86.40	86.19	85.99	---	---
12	85.88	85.99	86.08	86.18	86.26	86.33	86.39	86.41	86.19	85.99	---	---
13	85.91	86.00	86.09	86.18	86.27	86.34	86.40	86.38	86.18	85.97	---	---
14	85.90	86.00	86.08	86.18	86.28	86.35	86.40	86.39	86.16	85.97	---	---
15	85.90	85.99	86.09	86.19	86.26	86.35	86.40	86.37	86.16	85.97	---	---
16	85.91	86.00	86.10	86.18	86.28	86.36	86.38	86.36	86.15	85.96	---	---
17	85.92	86.01	86.11	86.19	86.28	86.36	86.40	86.35	86.15	85.95	---	---
18	85.91	86.00	86.11	86.19	86.28	86.35	86.38	86.34	86.15	85.94	---	---
19	85.91	86.01	86.10	86.19	86.28	86.35	86.37	86.34	86.14	---	---	---
20	85.92	86.01	86.11	86.20	86.29	86.36	86.39	86.36	86.12	---	---	---
21	85.92	86.01	86.12	86.21	86.29	86.36	86.40	86.35	86.11	---	---	---
22	85.93	86.02	86.11	86.20	86.30	86.37	86.40	86.35	86.10	---	---	---
23	85.93	86.03	86.11	86.22	86.30	86.37	86.42	86.34	86.10	---	---	---
24	85.94	86.01	86.12	86.21	86.29	86.37	86.42	86.33	86.10	---	---	---
25	85.93	86.00	86.11	86.20	86.29	86.37	86.41	86.33	86.09	---	---	---
26	85.92	86.01	86.12	86.21	86.30	86.37	86.42	86.31	86.08	---	---	---
27	85.93	86.02	86.12	86.22	86.30	86.36	86.39	86.30	86.09	---	---	---
28	85.93	86.03	86.11	86.22	86.31	86.35	86.39	86.31	86.07	---	---	---
29	85.93	86.03	86.14	86.21	---	86.37	86.41	86.29	86.07	---	---	---
30	85.92	86.03	86.12	86.22	---	86.36	86.39	86.29	86.07	---	---	---
31	85.93	---	86.15	86.22	---	86.37	---	86.29	---	---	---	---
MEAN	85.90	86.00	86.09	86.18	86.27	86.34	86.39	86.36	86.16	---	---	---
MAX	85.94	86.03	86.15	86.22	86.31	86.37	86.42	86.42	86.27	---	---	---
MIN	85.84	85.93	86.04	86.13	86.23	86.30	86.37	86.29	86.07	---	---	---

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482103120055101. Local number, 33N/22E-21D02.

LOCATION.--Lat 48°21'02.6", long 120°05'51.4", NAD of 1927, Hydrologic Unit 17020008, near Twisp.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled observation well, water table, diameter 6 in, depth 191 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed May 8, 2002 and removed October 2, 2003.

REMARKS.--Monitored depth interval; 6 in diameter screen from 165 to 191 ft.

DATUM.--Elevation of land-surface datum is 1,590 ft above NGVD of 1929.

PERIOD OF RECORD.--October 2000, April and August 2001, and May 2002 to October 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 46.18 ft below land-surface datum, June 12-13, 2003; lowest measured, 51.51 ft below land-surface datum, January 25-26, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, MAY 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES				
	MAY	JUN	JUL	AUG	SEP
1	---	47.41	46.27	47.74	48.87
2	---	47.32	46.34	47.79	48.89
3	---	47.23	46.40	47.85	48.90
4	---	47.14	46.49	47.90	48.93
5	---	47.04	46.57	47.96	48.96
6	---	46.92	46.65	48.01	48.99
7	---	46.84	46.72	48.05	49.02
8	49.54	46.83	46.78	48.09	49.05
9	49.53	46.83	46.78	48.12	49.08
10	49.53	46.86	46.80	48.16	49.10
11	49.53	46.86	46.83	48.22	49.12
12	49.53	46.82	46.84	48.27	49.14
13	49.50	46.73	46.86	48.31	49.16
14	49.44	46.57	46.88	48.35	49.18
15	49.37	46.39	46.91	48.40	49.20
16	49.30	46.30	46.94	48.44	49.22
17	49.23	46.23	46.99	48.48	49.23
18	49.16	46.22	47.03	48.52	49.24
19	49.07	46.24	47.09	48.54	49.26
20	48.98	46.28	47.14	48.57	49.29
21	48.83	46.29	47.20	48.59	49.32
22	48.68	46.28	47.27	48.62	49.34
23	48.55	46.26	47.34	48.65	49.36
24	48.46	46.25	47.42	48.68	49.39
25	48.39	46.25	47.44	48.72	49.41
26	48.31	46.24	47.46	48.74	49.43
27	48.22	46.21	47.50	48.76	49.45
28	48.10	46.19	47.55	48.77	49.48
29	47.92	46.25	47.59	48.79	49.49
30	47.73	46.22	47.63	48.83	48.99
31	47.55	---	47.69	48.85	---
MEAN	---	46.58	47.01	48.38	49.18
MAX	---	47.41	47.69	48.85	49.49
MIN	---	46.19	46.27	47.74	48.87

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482103120055101. Local number, 33N/22E-21D02--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.55	50.41	51.16	51.38	51.50	51.48	51.06	49.79	47.26	47.00	48.70	49.70
2	49.57	50.45	51.18	51.39	51.50	51.48	51.00	49.72	47.14	47.05	48.74	49.73
3	49.59	50.49	51.19	51.40	51.50	51.47	50.94	49.64	47.04	47.12	48.77	49.76
4	49.61	50.54	51.21	51.40	51.50	51.47	50.89	49.58	46.96	47.19	48.81	49.78
5	49.63	50.58	51.22	51.40	51.50	51.47	50.86	49.51	46.88	47.26	48.85	49.80
6	49.64	50.61	51.23	51.41	51.50	51.46	50.83	49.45	46.77	47.32	48.90	49.82
7	49.65	50.64	51.25	51.41	51.51	51.46	50.81	49.40	46.63	47.38	48.95	49.83
8	49.66	50.67	51.26	51.42	51.51	51.45	50.79	49.36	46.48	47.46	48.99	49.85
9	49.67	50.70	51.27	51.43	51.52	51.46	50.78	49.32	46.36	47.52	49.02	49.86
10	49.69	50.74	51.28	51.44	51.53	51.46	50.75	49.29	46.26	47.58	49.06	49.86
11	49.70	50.77	51.29	51.45	51.53	51.45	50.73	49.25	46.20	47.64	49.09	49.89
12	49.72	50.79	51.30	51.46	51.53	51.44	50.70	49.20	46.18	47.70	49.13	49.92
13	49.73	50.82	51.31	51.46	51.54	51.44	50.67	49.15	46.18	47.77	49.16	49.94
14	49.76	50.84	51.31	51.46	51.54	51.42	50.63	49.09	46.19	47.83	49.20	49.96
15	49.78	50.86	51.29	51.47	51.54	51.39	50.57	49.02	46.21	47.88	49.22	49.98
16	49.81	50.88	51.27	51.48	51.54	51.36	50.55	48.95	46.24	47.93	49.25	49.95
17	49.83	50.91	51.24	51.48	51.53	51.33	50.60	48.88	46.27	47.99	49.27	50.00
18	49.87	50.93	51.23	51.48	51.52	51.30	50.56	48.84	46.30	48.04	49.29	49.96
19	49.90	50.95	51.23	51.49	51.51	51.27	50.54	48.80	46.31	48.09	49.32	49.95
20	49.94	50.97	51.25	51.49	51.51	51.25	50.51	48.77	46.34	48.14	49.36	49.97
21	49.98	50.99	51.26	51.50	51.51	51.24	50.48	48.74	46.39	48.19	49.38	49.96
22	50.02	51.01	51.28	51.50	51.51	51.22	50.45	48.71	46.46	48.24	49.42	49.93
23	50.06	51.03	51.30	51.50	51.50	51.21	50.41	48.65	46.54	48.28	49.46	49.92
24	50.09	51.05	51.31	51.50	51.49	51.19	50.35	48.55	46.63	48.33	49.49	49.93
25	50.13	51.06	51.32	51.51	51.50	51.17	50.24	48.37	46.72	48.38	49.53	49.94
26	50.17	51.08	51.33	51.51	51.50	51.16	50.12	48.16	46.80	48.42	49.56	49.95
27	50.21	51.10	51.34	51.50	51.49	51.15	50.02	48.02	46.85	48.47	49.59	49.95
28	50.25	51.11	51.34	51.50	51.48	51.15	49.95	47.87	46.88	48.52	49.61	49.97
29	50.30	51.13	51.35	51.49	---	51.14	49.89	47.71	46.90	48.57	49.62	49.98
30	50.33	51.15	51.36	51.49	---	51.13	49.84	47.54	46.95	48.61	49.63	49.98
31	50.37	---	51.37	51.49	---	51.11	---	47.40	---	48.66	49.66	---
MEAN	49.88	50.84	51.28	51.46	51.51	51.33	50.55	48.86	46.58	47.89	49.23	49.90
MAX	50.37	51.15	51.37	51.51	51.54	51.48	51.06	49.79	47.26	48.66	49.66	50.00
MIN	49.55	50.41	51.16	51.38	51.48	51.11	49.84	47.40	46.18	47.00	48.70	49.70

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482033120025501. Local number, 33N/22E-23L03.

LOCATION.--Lat 48°20'33.0", long 120°02'55.5", NAD of 1927, Hydrologic Unit 17020008, near Twisp.

AQUIFER.-- Undetermined.

WELL CHARACTERISTICS.--Drilled unused well, diameter 8 in, depth 56.7 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed June 21, 2002 and removed October 2, 2003.

REMARKS.--Monitored depth interval; unknown.

DATUM.--Elevation of land-surface datum is 1,685 ft above NGVD of 1929.

PERIOD OF RECORD.--April and August 2001 and June 2002 to October 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 5.96 ft below land-surface datum, May 13, 2003; lowest measured, 7.22 ft below land-surface datum, July 16, 2002.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, JUNE 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES			
	JUN	JUL	AUG	SEP
1	---	6.69	7.02	7.10
2	---	6.85	7.05	7.10
3	---	6.89	7.05	6.97
4	---	6.95	7.06	7.06
5	---	6.92	7.06	7.11
6	---	7.03	7.07	7.11
7	---	6.91	7.07	7.09
8	---	6.76	7.09	7.04
9	---	7.03	7.10	7.00
10	---	7.08	7.09	6.99
11	---	7.09	6.94	6.95
12	---	7.11	6.97	6.95
13	---	7.13	7.13	6.95
14	---	7.19	7.11	6.93
15	---	7.21	7.01	6.76
16	---	7.22	7.15	6.66
17	---	7.21	7.17	6.65
18	---	7.21	7.17	6.64
19	---	7.20	7.15	6.78
20	---	7.20	7.15	6.99
21	6.62	7.19	7.15	7.04
22	6.65	7.18	7.15	7.04
23	6.68	7.14	7.17	7.04
24	6.68	7.17	7.09	7.03
25	6.70	7.17	7.06	7.01
26	6.68	7.13	7.03	6.97
27	6.77	7.12	6.85	6.93
28	6.82	7.12	6.90	6.91
29	6.84	7.10	7.03	6.88
30	6.70	6.98	7.09	6.87
31	---	6.86	7.08	---
MEAN	---	7.07	7.07	6.95
MAX	---	7.22	7.17	7.11
MIN	---	6.69	6.85	6.64

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482033120025501. Local number, 33N/22E-23L03--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.87	6.55	6.54	6.32	6.38	6.53	6.42	6.17	6.10	6.57	7.09	7.10
2	6.91	6.55	6.54	6.32	6.38	6.54	6.40	6.18	6.01	6.42	7.09	7.00
3	6.96	6.57	6.55	6.31	6.39	6.55	6.38	6.15	6.09	6.36	7.08	6.97
4	6.94	6.60	6.55	6.29	6.40	6.56	6.38	6.04	6.23	6.64	7.06	7.07
5	6.94	6.55	6.51	6.29	6.42	6.54	6.40	6.00	6.15	6.65	7.03	7.03
6	6.94	6.52	6.50	6.29	6.44	6.54	6.42	6.05	6.20	6.69	7.05	7.11
7	6.78	6.51	6.50	6.30	6.46	6.54	6.44	5.99	6.32	6.72	7.05	7.03
8	6.88	6.49	6.51	6.32	6.47	6.56	6.46	6.12	6.27	6.77	7.03	6.81
9	6.98	6.49	6.50	6.32	6.47	6.55	6.48	6.23	6.39	6.79	7.05	6.84
10	6.98	6.50	6.47	6.35	6.48	6.55	6.51	6.11	6.42	6.83	7.02	7.00
11	6.97	6.53	6.47	6.32	6.48	6.55	6.53	6.12	6.47	6.87	6.93	6.98
12	6.81	6.53	6.45	6.32	6.50	6.56	6.53	6.06	6.51	6.91	6.97	6.75
13	6.63	6.52	6.43	6.32	6.50	6.52	6.50	5.96	6.54	6.92	7.04	6.64
14	6.57	6.53	6.40	6.30	6.50	6.50	6.45	5.97	6.55	6.77	7.07	6.60
15	6.46	6.53	6.35	6.33	6.50	6.48	6.48	6.13	6.55	6.95	7.08	6.57
16	6.46	6.54	6.26	6.34	6.50	6.46	6.50	6.21	6.57	6.98	7.04	6.58
17	6.46	6.55	6.27	6.33	6.50	6.47	6.53	6.31	6.58	7.06	7.05	6.64
18	6.52	6.55	6.29	6.32	6.51	6.48	6.52	6.21	6.44	7.10	7.12	6.72
19	6.60	6.55	6.30	6.32	6.51	6.49	6.49	6.10	6.40	7.13	7.12	6.84
20	6.55	6.56	6.30	6.32	6.51	6.50	6.48	6.00	6.57	7.15	7.08	6.76
21	6.55	6.56	6.30	6.33	6.51	6.51	6.44	6.21	6.63	7.05	7.10	6.75
22	6.55	6.56	6.32	6.32	6.51	6.51	6.39	6.39	6.60	7.18	7.09	6.94
23	6.57	6.56	6.32	6.32	6.52	6.52	6.34	6.38	6.60	7.19	7.11	7.10
24	6.55	6.57	6.31	6.32	6.54	6.53	6.25	6.33	6.61	7.16	6.98	7.07
25	6.54	6.58	6.32	6.33	6.54	6.56	6.06	6.28	6.57	7.18	7.00	7.16
26	6.50	6.59	6.33	6.33	6.52	6.56	6.06	6.19	6.56	7.19	6.97	7.19
27	6.48	6.58	6.32	6.33	6.53	6.56	6.07	6.19	6.61	7.16	6.93	7.12
28	6.48	6.58	6.31	6.34	6.53	6.54	6.09	6.19	6.62	7.10	7.00	6.86
29	6.49	6.56	6.32	6.36	---	6.52	6.11	6.16	6.61	7.03	7.01	6.95
30	6.50	6.55	6.31	6.37	---	6.50	6.09	6.07	6.60	7.05	7.02	7.07
31	6.54	---	6.32	6.37	---	6.46	---	6.15	---	7.08	7.05	---
MEAN	6.68	6.55	6.39	6.32	6.48	6.52	6.37	6.15	6.45	6.92	7.04	6.91
MAX	6.98	6.60	6.55	6.37	6.54	6.56	6.53	6.39	6.63	7.19	7.12	7.19
MIN	6.46	6.49	6.26	6.29	6.38	6.46	6.06	5.96	6.01	6.36	6.93	6.57

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482003120035301. Local number, 33N/22E-27G02.

LOCATION.--Lat 48°20'03.0", long 120°03'52.5", NAD of 1927, Hydrologic Unit 17020008, near Twisp.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 6 in, depth 272 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed May 8, 2002 and removed October 2, 2003.

REMARKS.--Monitored depth interval; 6 in diameter open end casing at 272 ft.

DATUM.--Elevation of land-surface datum is 1,525 ft above NGVD of 1929.

PERIOD OF RECORD.--March-April 2001, August 2001, and May 2002 to October 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 13.25 ft below land-surface datum, June 18-19, 2002; lowest measured, 16.38 ft below land-surface datum, April 24, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, MAY 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES				
	MAY	JUN	JUL	AUG	SEP
1	---	14.19	13.47	13.88	14.42
2	---	14.11	13.47	13.90	14.42
3	---	14.05	13.47	13.95	14.43
4	---	14.01	13.48	13.99	14.45
5	---	13.96	13.53	14.01	14.47
6	---	13.91	13.58	14.03	14.49
7	---	13.84	13.61	14.05	14.48
8	15.56	13.77	13.61	14.08	14.43
9	15.56	13.72	13.62	14.12	14.37
10	15.57	13.70	13.64	14.15	14.35
11	15.58	13.69	13.66	14.18	14.34
12	15.59	13.65	13.68	14.21	14.33
13	15.61	13.63	13.69	14.23	14.33
14	15.61	13.57	13.70	14.25	14.34
15	15.58	13.49	13.70	14.29	14.36
16	15.55	13.39	13.70	14.33	14.38
17	15.53	13.30	13.70	14.33	14.40
18	15.53	13.25	13.70	14.36	14.45
19	15.51	13.25	13.71	14.39	14.50
20	15.45	13.29	13.73	14.42	14.52
21	15.33	13.34	13.75	14.45	14.55
22	15.18	13.37	13.76	14.48	14.57
23	15.07	13.40	13.76	14.47	14.57
24	14.99	13.43	13.74	14.42	14.55
25	14.96	13.46	13.75	14.38	14.55
26	14.92	13.49	13.78	14.37	14.56
27	14.88	13.48	13.80	14.35	14.57
28	14.79	13.47	13.83	14.32	14.56
29	14.61	13.46	13.84	14.32	14.56
30	14.43	13.46	13.86	14.35	14.57
31	14.32	---	13.87	14.39	---
MEAN	---	13.60	13.68	14.24	14.46
MAX	---	14.19	13.87	14.48	14.57
MIN	---	13.25	13.47	13.88	14.33

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482003120035301. Local number, 33N/22E-27G02--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.57	14.88	15.41	15.66	15.93	16.06	15.97	15.39	14.29	13.70	14.44	14.82
2	14.56	14.90	15.42	15.67	15.94	16.06	15.96	15.35	14.17	13.72	14.48	14.81
3	14.55	14.93	15.44	15.68	15.95	16.06	15.94	15.31	14.11	13.73	14.51	14.81
4	14.54	14.95	15.45	15.69	15.96	16.06	15.92	15.28	14.07	13.75	14.51	14.83
5	14.53	14.97	15.47	15.70	15.97	16.06	15.91	15.24	14.03	13.76	14.53	14.86
6	14.52	14.99	15.48	15.71	15.98	16.05	15.90	15.20	13.96	13.79	14.55	14.90
7	14.52	15.00	15.50	15.72	15.99	16.04	15.89	15.21	13.84	13.82	14.57	14.93
8	14.51	15.00	15.51	15.73	16.00	16.02	15.88	15.22	13.76	13.86	14.57	14.93
9	14.52	15.02	15.53	15.73	16.01	16.00	15.88	15.24	13.70	13.90	14.57	14.93
10	14.53	15.04	15.54	15.74	16.02	15.99	15.88	15.25	13.60	13.95	14.57	14.94
11	14.55	15.06	15.55	15.76	16.03	15.98	15.89	15.22	13.51	13.98	14.58	14.95
12	14.57	15.08	15.57	15.77	16.04	15.98	15.89	15.19	13.46	14.00	14.60	14.95
13	14.59	15.10	15.57	15.78	16.05	15.96	15.87	15.16	13.42	14.00	14.63	14.98
14	14.60	15.12	15.54	15.79	16.06	15.96	15.86	15.15	13.40	14.01	14.63	14.98
15	14.61	15.14	15.54	15.80	16.07	15.94	15.84	15.13	13.41	14.04	14.64	14.98
16	14.61	15.15	15.50	15.81	16.06	15.93	15.83	15.10	13.43	14.07	14.65	14.98
17	14.62	15.17	15.49	15.82	16.06	15.92	15.81	15.08	13.46	14.11	14.64	14.98
18	14.63	15.19	15.49	15.83	16.07	15.90	15.79	15.06	13.47	14.14	14.62	14.98
19	14.64	15.21	15.49	15.84	16.07	15.90	15.78	15.04	13.47	14.17	14.63	15.01
20	14.65	15.23	15.49	15.85	16.08	15.89	15.77	15.04	13.48	14.19	14.65	15.04
21	14.67	15.24	15.50	15.86	16.08	15.89	15.76	15.07	13.51	14.21	14.67	15.08
22	14.69	15.26	15.51	15.87	16.08	15.89	15.76	15.09	13.53	14.24	14.70	15.11
23	14.70	15.27	15.53	15.88	16.08	15.89	15.78	15.09	13.55	14.28	14.71	15.13
24	14.72	15.29	15.54	15.88	16.07	15.89	15.76	15.07	13.57	14.31	14.70	15.12
25	14.74	15.31	15.56	15.89	16.07	15.90	15.69	15.02	13.60	14.33	14.69	15.11
26	14.76	15.32	15.57	15.89	16.06	15.91	15.64	14.91	13.62	14.36	14.69	15.09
27	14.78	15.34	15.58	15.90	16.06	15.92	15.57	14.83	13.63	14.38	14.70	15.09
28	14.80	15.35	15.60	15.91	16.06	15.93	15.51	14.73	13.65	14.40	14.74	15.09
29	14.82	15.37	15.62	15.92	---	15.95	15.46	14.65	13.68	14.41	14.78	15.07
30	14.84	15.39	15.63	15.92	---	15.96	15.41	14.57	13.68	14.41	14.80	15.06
31	14.86	---	15.65	15.93	---	15.97	---	14.44	---	14.41	14.81	---
MEAN	14.64	15.14	15.52	15.80	16.03	15.96	15.79	15.08	13.67	14.08	14.63	14.98
MAX	14.86	15.39	15.65	15.93	16.08	16.06	15.97	15.39	14.29	14.41	14.81	15.13
MIN	14.51	14.88	15.41	15.66	15.93	15.89	15.41	14.44	13.40	13.70	14.44	14.81

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482834120122001. Local number, 34N/21E-03M06.

LOCATION.--Lat 48°28'33.3", long 120°12'23.7", NAD of 1927, Hydrologic Unit 17020008, near Winthrop.

Owner: Douglas County PUD No.1.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 6 in, depth 110 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed July 19, 2002 and removed September 30, 2003.

REMARKS.--Monitored depth interval; 4 in diameter screen from 70 to 105 ft.

DATUM.--Elevation of land-surface datum is 1,787.5 ft above NGVD of 1929.

PERIOD OF RECORD.--November 2000, April 2001, June-July 2001, and July 2002 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 13.42 ft below land-surface datum, June 9, 2003; lowest measured, 18.17 ft below land-surface datum, September 9, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, JULY 2002 TO SEPTEMBER 2002

DAY	DAIY MEAN VALUES		
	JUL	AUG	SEP
1	---	17.44	17.69
2	---	17.48	17.70
3	---	17.51	17.72
4	---	17.55	17.73
5	---	17.59	17.75
6	---	17.62	17.76
7	---	17.64	17.77
8	---	17.68	17.79
9	---	17.71	17.80
10	---	17.73	17.82
11	---	17.76	17.84
12	---	17.65	17.85
13	---	17.45	17.87
14	---	17.43	17.89
15	---	17.44	17.90
16	---	17.47	17.91
17	---	17.49	17.91
18	---	17.51	17.92
19	16.80	17.54	17.92
20	16.85	17.56	17.93
21	16.91	17.58	17.93
22	16.97	17.61	17.93
23	16.91	17.63	17.94
24	17.10	17.64	17.94
25	17.12	17.64	17.94
26	17.15	17.61	17.94
27	17.19	17.61	17.94
28	17.24	17.61	17.94
29	17.29	17.64	17.93
30	17.34	17.66	17.64
31	17.39	17.68	---
MEAN	---	17.59	17.85
MAX	---	17.76	17.94
MIN	---	17.43	17.64

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482834120122001. Local number, 34N/21E-03M06--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.92	16.88	16.38	16.98	16.94	16.07	15.41	14.76	13.73	17.00	17.61	17.86
2	17.91	16.89	16.38	16.98	16.95	16.06	15.40	14.69	13.76	17.08	17.64	17.85
3	17.90	16.88	16.38	16.98	16.95	16.06	15.41	14.64	13.84	17.16	17.66	17.83
4	17.89	16.88	16.43	16.97	16.95	16.05	15.43	14.62	13.88	17.23	17.66	17.81
5	17.88	16.88	16.67	16.97	16.95	16.04	15.44	14.64	13.85	17.28	17.68	17.89
6	17.87	16.88	16.89	16.97	16.88	16.04	15.46	14.66	13.73	17.31	17.68	18.03
7	17.87	16.73	16.94	16.97	16.79	16.03	15.48	14.68	13.58	17.36	17.69	18.07
8	17.86	16.48	16.96	16.98	16.79	16.04	15.50	14.71	13.46	17.40	17.71	18.13
9	17.85	16.44	16.97	16.98	16.79	16.03	15.50	14.92	13.42	17.44	17.72	18.17
10	17.84	16.42	16.97	16.99	16.79	16.03	15.50	15.15	14.47	17.48	17.74	18.15
11	17.84	16.41	16.98	16.98	16.79	16.03	15.50	15.16	15.36	17.52	17.75	18.09
12	17.83	16.40	16.98	16.97	16.79	15.92	15.49	15.13	15.61	17.53	17.76	18.05
13	17.83	16.39	16.98	16.97	16.79	15.63	15.43	15.07	15.84	17.56	17.76	18.06
14	17.81	16.39	16.95	16.97	16.79	15.52	15.35	14.95	15.96	17.59	17.77	18.05
15	17.81	16.39	16.94	16.97	16.78	15.43	15.34	14.86	16.08	17.62	17.78	18.03
16	17.80	16.39	16.87	16.97	16.77	15.34	15.34	14.82	16.19	17.67	17.80	18.02
17	17.80	16.39	16.87	16.97	16.77	15.29	15.35	14.83	16.26	17.71	17.80	18.00
18	17.84	16.39	16.90	16.96	16.77	15.25	15.37	14.88	16.25	17.75	17.81	17.99
19	17.83	16.39	16.92	16.96	16.76	15.23	15.37	14.93	16.27	17.80	17.81	17.96
20	17.82	16.39	16.93	16.96	16.76	15.21	15.37	14.99	16.34	17.83	17.83	17.95
21	17.46	16.38	16.94	16.96	16.57	15.16	15.34	15.08	16.45	17.86	17.84	17.94
22	16.89	16.38	16.95	16.96	16.23	15.07	15.30	15.12	16.58	17.79	17.85	17.92
23	16.88	16.38	16.95	16.96	16.15	15.01	15.22	15.09	16.69	17.53	17.85	17.90
24	16.87	16.39	16.96	16.96	16.13	14.99	15.08	14.86	16.79	17.51	17.85	17.88
25	16.87	16.39	16.96	16.96	16.11	14.98	14.78	14.36	16.86	17.51	17.86	17.86
26	16.88	16.39	16.96	16.95	16.09	15.05	14.73	14.14	16.87	17.51	17.87	17.84
27	16.87	16.39	16.97	16.95	16.08	15.36	14.75	14.12	16.85	17.53	17.89	17.80
28	16.88	16.39	16.97	16.95	16.07	15.43	14.79	14.02	16.84	17.55	17.89	17.78
29	16.88	16.38	16.97	16.95	---	15.48	14.80	13.83	16.88	17.56	17.88	17.76
30	16.88	16.38	16.97	16.95	---	15.51	14.79	13.79	16.94	17.57	17.86	17.74
31	16.88	---	16.98	16.94	---	15.49	---	13.77	---	17.58	17.86	---
MEAN	17.52	16.50	16.87	16.97	16.64	15.58	15.27	14.69	15.52	17.51	17.78	17.95
MAX	17.92	16.89	16.98	16.99	16.95	16.07	15.50	15.16	16.94	17.86	17.89	18.17
MIN	16.87	16.38	16.38	16.94	16.07	14.98	14.73	13.77	13.42	17.00	17.61	17.74

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482752120113101. Local number, 34N/21E-10G04.

LOCATION.--Lat 48°27'51.4", long 120°11'35.3", NAD of 1927, Hydrologic Unit 17020008, near Winthrop.

AQUIFER.-- Unidentified sedimentary rock of Cretaceous-Jurassic Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 6 in, depth 330 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed May 8, 2002 and removed September 30, 2003.

REMARKS.--Monitored depth interval; 6 in diameter open hole from 40 to 330 ft.

DATUM.--Elevation of land-surface datum is 1,876.3 ft above NGVD of 1929.

PERIOD OF RECORD.--November 2000, April 2001, June-July 2001, May-October 2002, and May-September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 32.97 ft below land-surface datum, June 9, 2003; lowest measured, 37.29 ft below land-surface datum, September 14, 2002.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, MAY 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES				
	MAY	JUN	JUL	AUG	SEP
1	---	36.71	36.80	37.22	36.89
2	---	36.50	36.71	37.12	36.98
3	---	36.53	36.43	36.96	36.85
4	---	37.05	36.35	37.08	37.06
5	---	36.91	36.62	36.99	37.05
6	---	36.67	36.73	36.92	36.88
7	---	36.67	36.58	36.81	36.74
8	35.83	36.61	36.50	37.17	36.78
9	35.69	36.42	36.46	37.21	36.75
10	35.62	36.33	36.51	36.97	36.80
11	35.59	36.56	36.66	36.87	37.24
12	35.61	36.52	36.81	37.08	37.21
13	36.06	36.79	36.86	37.11	37.17
14	36.07	36.65	36.77	36.83	37.29
15	36.00	36.52	36.72	36.73	37.19
16	35.92	36.63	36.78	36.99	37.12
17	36.39	36.45	36.80	36.83	37.01
18	36.32	36.36	36.78	36.79	36.90
19	36.14	36.35	36.84	36.67	36.75
20	36.10	37.02	36.84	36.71	36.82
21	36.07	36.85	36.87	36.83	36.79
22	35.99	36.76	36.85	36.70	36.84
23	35.96	36.93	36.94	36.72	37.08
24	35.90	36.86	36.87	37.06	37.01
25	35.90	36.70	37.00	36.94	36.96
26	35.85	36.70	36.79	36.80	36.83
27	35.92	36.67	36.58	36.68	36.78
28	35.94	36.63	36.68	36.60	37.01
29	35.89	36.48	36.89	36.61	37.15
30	36.22	36.66	37.04	36.87	36.42
31	36.41	---	36.92	36.79	---
MEAN	---	36.65	36.74	36.89	36.95
MAX	---	37.05	37.04	37.22	37.29
MIN	---	36.33	36.35	36.60	36.42

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482752120113101. Local number, 34N/21E-10G04--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.95	---	---	---	---	---	---	---	33.76	34.76	33.79	34.11
2	36.77	---	---	---	---	---	---	---	34.08	34.70	33.92	34.31
3	36.67	---	---	---	---	---	---	---	33.57	34.38	34.00	34.48
4	36.64	---	---	---	---	---	---	36.68	34.00	34.11	33.94	34.41
5	36.60	---	---	---	---	---	---	36.09	33.62	34.14	33.75	34.53
6	36.70	---	---	---	---	---	---	35.01	33.68	34.14	33.88	34.29
7	36.65	---	---	---	---	---	---	34.84	33.98	33.91	33.77	34.08
8	36.60	---	---	---	---	---	---	34.89	33.15	33.92	34.08	34.01
9	36.58	---	---	---	---	---	---	---	32.97	33.87	34.06	33.87
10	36.87	---	---	---	---	---	---	---	33.15	34.04	34.06	33.88
11	36.90	---	---	---	---	---	---	---	33.46	34.17	33.98	33.97
12	36.82	---	---	---	---	---	---	---	33.80	34.51	33.94	33.95
13	36.69	---	---	---	---	---	---	---	34.14	34.43	33.73	33.87
14	36.65	---	---	---	---	---	---	---	34.62	34.13	33.70	33.89
15	36.64	---	---	---	---	---	---	---	34.51	34.05	33.62	33.80
16	36.64	---	---	---	---	---	---	---	34.26	34.16	33.53	33.67
17	36.62	---	---	---	---	---	---	35.20	33.89	35.13	33.48	33.72
18	36.68	---	---	---	---	---	---	35.26	33.91	34.65	33.36	33.86
19	36.68	---	---	---	---	---	---	34.65	33.57	34.80	33.25	33.86
20	36.69	---	---	---	---	---	---	35.32	33.47	34.96	33.20	33.91
21	---	---	---	---	---	---	---	34.90	33.61	34.74	33.29	33.82
22	---	---	---	---	---	---	---	34.99	33.94	34.75	33.60	33.75
23	---	---	---	---	---	---	---	34.60	34.35	34.29	33.86	33.78
24	---	---	---	---	---	---	---	34.67	34.53	34.39	33.79	33.60
25	---	---	---	---	---	---	---	34.36	34.88	34.06	33.89	33.58
26	---	---	---	---	---	---	---	34.06	34.79	33.75	34.14	33.63
27	---	---	---	---	---	---	---	33.78	34.64	34.05	34.13	33.69
28	---	---	---	---	---	---	---	34.18	34.81	33.93	34.06	33.57
29	---	---	---	---	---	---	---	34.62	34.94	33.84	34.05	33.90
30	---	---	---	---	---	---	---	33.94	35.04	33.84	34.02	33.90
31	---	---	---	---	---	---	---	33.63	---	33.74	34.08	---
MEAN	---	---	---	---	---	---	---	---	34.04	34.27	33.80	33.92
MAX	---	---	---	---	---	---	---	---	35.04	35.13	34.14	34.53
MIN	---	---	---	---	---	---	---	---	32.97	33.74	33.20	33.57

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482652120090801. Local number, 34N/21E-13G01.

LOCATION.--Lat 48°26'52.1", long 120°09'08.2", NAD of 1927, Hydrologic Unit 17020008, near Winthrop.

AQUIFER.-- Unidentified sedimentary rock of Cretaceous-Jurassic Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 6 in, depth 62 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed May 8, 2002 and removed October 1, 2003.

REMARKS.--Monitored depth interval; 6 in diameter open hole from 37 to 62 ft.

DATUM.--Elevation of land-surface datum is 1,770 ft above NGVD of 1929.

PERIOD OF RECORD.--November 2000, April 2001, July 2001, and May 2002 to October 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 24.84 ft below land-surface datum, November 14, 2000; lowest measured, 29.77 ft below land-surface datum, April 29, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, MAY 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES				
	MAY	JUN	JUL	AUG	SEP
1	---	28.31	27.89	27.07	26.39
2	---	28.35	27.86	27.04	26.37
3	---	28.39	27.82	27.02	26.36
4	---	28.42	27.80	26.99	26.35
5	---	28.44	27.79	26.96	26.33
6	---	28.45	27.79	26.94	26.32
7	---	28.45	27.79	26.92	26.30
8	29.28	28.46	27.78	26.89	26.29
9	29.19	28.47	27.74	26.86	26.28
10	29.14	28.45	27.69	26.83	26.26
11	29.09	28.41	27.64	26.80	26.24
12	29.04	28.35	27.60	26.79	26.22
13	28.97	28.30	27.56	26.74	26.21
14	28.91	28.24	27.54	26.69	26.20
15	28.85	28.20	27.53	26.66	26.19
16	28.79	28.17	27.50	26.63	26.18
17	28.72	28.14	27.48	26.61	26.17
18	28.64	28.12	27.45	26.59	26.16
19	28.58	28.10	27.42	26.56	26.13
20	28.52	28.09	27.39	26.55	26.12
21	28.47	28.08	27.37	26.55	26.09
22	28.42	28.06	27.34	26.54	26.02
23	28.39	28.06	27.31	26.52	25.92
24	28.36	28.06	27.28	26.50	25.82
25	28.34	28.04	27.25	26.49	25.73
26	28.32	28.03	27.22	26.47	25.65
27	28.29	28.01	27.19	26.46	25.61
28	28.28	27.98	27.17	26.44	25.61
29	28.27	27.96	27.15	26.42	25.61
30	28.27	27.93	27.12	26.41	25.61
31	28.28	---	27.11	26.40	---
MEAN	---	28.22	27.50	26.69	26.09
MAX	---	28.47	27.89	27.07	26.39
MIN	---	27.93	27.11	26.40	25.61

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482652120090801. Local number, 34N/21E-13G01--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.59	25.97	26.48	27.34	28.30	29.05	29.27	29.64	27.83	27.55	27.00	26.27
2	25.56	25.98	26.51	27.37	28.32	29.07	29.29	29.50	27.82	27.55	26.98	26.24
3	25.57	25.99	26.54	27.40	28.35	29.09	29.31	29.35	27.81	27.53	26.97	26.21
4	25.61	26.00	26.57	27.44	28.38	29.11	29.33	29.17	27.80	27.53	26.96	26.18
5	25.67	26.01	26.60	27.48	28.41	29.13	29.35	28.99	27.79	27.51	26.94	26.16
6	25.72	26.02	26.62	27.51	28.44	29.15	29.37	28.85	27.77	27.50	26.92	26.14
7	25.75	26.02	26.65	27.54	28.47	29.17	29.39	28.75	27.75	27.49	26.90	26.11
8	25.77	26.03	26.67	27.57	28.50	29.19	29.41	28.66	27.73	27.48	26.88	26.08
9	25.78	26.05	26.70	27.61	28.52	29.22	29.44	28.60	27.71	27.46	26.86	26.05
10	25.80	26.08	26.72	27.64	28.55	29.24	29.46	28.57	27.70	27.44	26.84	26.03
11	25.83	26.10	26.75	27.67	28.58	29.26	29.49	28.56	27.69	27.41	26.81	26.00
12	25.85	26.11	26.77	27.70	28.60	29.28	29.51	28.54	27.68	27.38	26.78	25.98
13	25.84	26.13	26.80	27.74	28.63	29.30	29.53	28.52	27.68	27.37	26.75	25.95
14	25.85	26.14	26.83	27.77	28.66	29.32	29.55	28.50	27.68	27.34	26.71	25.92
15	25.85	26.16	26.87	27.81	28.69	29.34	29.57	28.47	27.68	27.31	26.67	25.90
16	25.85	26.17	26.89	27.84	28.72	29.36	29.58	28.44	27.68	27.27	26.64	25.87
17	25.84	26.19	26.93	27.87	28.75	29.37	29.60	28.41	27.67	27.24	26.61	25.86
18	25.86	26.21	26.97	27.90	28.77	29.37	29.63	28.38	27.66	27.21	26.59	25.84
19	25.86	26.23	27.00	27.92	28.80	29.33	29.65	28.35	27.65	27.18	26.56	25.81
20	25.87	26.25	27.02	27.95	28.83	29.29	29.67	28.31	27.64	27.16	26.54	25.79
21	25.87	26.26	27.05	27.98	28.85	29.25	29.68	28.27	27.63	27.13	26.52	25.76
22	25.89	26.28	27.08	28.01	28.88	29.21	29.69	28.23	27.61	27.12	26.50	25.72
23	25.89	26.30	27.11	28.04	28.90	29.19	29.71	28.18	27.61	27.10	26.48	25.69
24	25.89	26.33	27.13	28.07	28.93	29.19	29.71	28.13	27.61	27.09	26.46	25.66
25	25.90	26.36	27.16	28.09	28.95	29.18	29.72	28.08	27.61	27.07	26.44	25.63
26	25.91	26.38	27.18	28.12	28.98	29.18	29.73	28.04	27.61	27.06	26.41	25.60
27	25.91	26.39	27.21	28.15	29.00	29.20	29.74	28.00	27.60	27.05	26.39	25.57
28	25.93	26.42	27.24	28.18	29.02	29.21	29.76	27.95	27.59	27.05	26.37	25.54
29	25.94	26.44	27.27	28.21	---	29.22	29.77	27.91	27.58	27.04	26.35	25.52
30	25.95	26.46	27.28	28.23	---	29.24	29.74	27.88	27.57	27.02	26.32	25.49
31	25.96	---	27.31	28.26	---	29.25	---	27.86	---	27.01	26.29	---
MEAN	25.82	26.18	26.90	27.82	28.67	29.22	29.55	28.49	27.68	27.28	26.66	25.89
MAX	25.96	26.46	27.31	28.26	29.02	29.37	29.77	29.64	27.83	27.55	27.00	26.27
MIN	25.56	25.97	26.48	27.34	28.30	29.05	29.27	27.86	27.57	27.01	26.29	25.49

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

483213120185701. Local number, 35N/20E-15H01.

LOCATION.--Lat 48°32'11.5", long 120°19'05.0", NAD of 1927, Hydrologic Unit 17020008, near Mazama.

Owner: State of Washington.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, water table, diameter 6 in, depth 40 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed May 8, 2002 and removed September 30, 2003.

REMARKS.--Monitored depth interval; 6 in diameter open end casing at 40 ft.

DATUM.--Elevation of land-surface datum is 1,940.9 ft above NGVD of 1929.

PERIOD OF RECORD.--November 2000, April 2001, June 2001, August 2001, and May 2002 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 7.13 ft below land-surface datum, June 16, 2002; lowest measured, 11.58 ft below land-surface datum, April 24, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, MAY 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES				
	MAY	JUN	JUL	AUG	SEP
1	---	7.40	8.31	9.01	10.40
2	---	7.52	8.51	9.12	10.43
3	---	7.55	8.30	9.20	10.45
4	---	7.55	8.23	9.29	10.47
5	---	7.48	8.24	9.27	10.49
6	---	7.40	8.29	9.44	10.50
7	---	7.56	8.29	9.53	10.52
8	9.18	7.78	8.14	9.62	10.54
9	8.60	8.01	8.09	9.71	10.57
10	8.38	8.17	8.17	9.77	10.63
11	8.11	8.13	8.18	9.80	10.65
12	8.02	7.92	8.16	9.84	10.71
13	7.91	7.69	8.22	9.88	10.78
14	7.74	7.41	8.27	9.93	10.81
15	7.67	7.23	8.34	9.96	10.83
16	7.63	7.13	8.45	10.01	10.85
17	7.60	7.38	8.52	10.06	10.86
18	7.56	7.63	8.59	10.07	10.87
19	7.60	7.87	8.65	10.12	10.88
20	7.55	8.06	8.72	10.19	10.90
21	7.40	8.11	8.83	10.22	10.93
22	7.44	8.00	8.94	10.25	10.96
23	7.58	7.85	8.97	10.27	10.99
24	7.71	7.85	8.77	10.30	11.02
25	7.76	7.92	8.69	10.32	11.06
26	7.74	7.90	8.67	10.28	11.07
27	7.64	7.77	8.68	10.27	11.09
28	7.42	7.80	8.72	10.30	11.11
29	7.14	7.93	8.76	10.32	11.13
30	7.06	8.07	8.82	10.35	11.01
31	7.21	---	8.91	10.37	---
MEAN	---	7.74	8.50	9.91	10.78
MAX	---	8.17	8.97	10.37	11.13
MIN	---	7.13	8.09	9.01	10.40

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

483213120185701. Local number, 35N/20E-15H01--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.16	11.30	11.37	11.39	11.46	11.47	10.42	9.26	7.57	9.69	10.95	11.24
2	11.16	11.31	11.37	11.39	11.46	11.47	10.28	9.17	7.70	9.78	10.96	11.25
3	11.17	11.31	11.37	11.39	11.44	11.47	10.23	9.10	7.85	9.88	10.97	11.25
4	11.18	11.31	11.37	11.39	11.46	11.47	10.23	9.09	7.96	9.98	10.96	11.26
5	11.20	11.32	11.36	11.37	11.46	11.45	10.26	9.12	7.95	10.06	10.97	11.27
6	11.22	11.32	11.36	11.38	11.46	11.45	10.31	9.19	7.79	10.11	10.97	11.26
7	11.24	11.32	11.36	11.39	11.46	11.44	10.35	9.27	7.58	10.15	10.98	11.28
8	11.24	11.31	11.36	11.39	11.47	11.45	10.39	9.36	7.42	10.18	10.99	11.26
9	11.24	11.32	11.36	11.40	11.47	11.45	10.40	9.45	7.40	10.23	11.01	11.26
10	11.24	11.33	11.36	11.41	11.47	11.46	10.38	9.52	7.57	10.27	11.03	11.25
11	11.24	11.33	11.37	11.41	11.49	11.46	10.36	9.54	7.82	10.31	11.04	11.24
12	11.24	11.32	11.37	11.41	11.48	11.44	10.32	9.51	8.01	10.34	11.04	11.27
13	11.24	11.32	11.37	11.41	11.49	11.40	10.21	9.46	8.17	10.37	11.05	11.27
14	11.24	11.32	11.32	11.42	11.49	11.31	10.01	9.35	8.32	10.39	11.07	11.27
15	11.25	11.33	11.29	11.42	11.48	11.22	9.91	9.20	8.53	10.43	11.09	11.28
16	11.25	11.33	11.14	11.43	11.46	11.12	9.89	9.12	8.72	10.48	11.11	11.28
17	11.26	11.33	11.13	11.43	11.45	11.10	9.89	9.15	8.82	10.53	11.12	11.28
18	11.26	11.34	11.22	11.44	11.43	11.12	9.92	9.24	8.80	10.56	11.13	11.28
19	11.26	11.34	11.27	11.44	11.46	11.15	9.96	9.36	8.79	10.61	11.15	11.28
20	11.26	11.34	11.30	11.45	11.45	11.17	9.98	9.46	8.87	10.66	11.16	11.29
21	11.27	11.34	11.32	11.45	11.42	11.12	9.97	9.56	9.00	10.70	11.16	11.30
22	11.28	11.34	11.34	11.45	11.45	11.05	9.91	9.61	9.18	10.73	11.17	11.30
23	11.28	11.34	11.35	11.45	11.45	10.92	9.78	9.56	9.36	10.77	11.18	11.31
24	11.28	11.35	11.36	11.46	11.46	10.93	9.53	9.19	9.52	10.79	11.18	11.32
25	11.28	11.35	11.37	11.46	11.46	10.98	8.93	8.26	9.64	10.82	11.19	11.33
26	11.28	11.36	11.37	11.44	11.47	11.00	8.80	7.89	9.69	10.85	11.20	11.34
27	11.29	11.36	11.37	11.44	11.47	11.02	8.93	7.92	9.63	10.87	11.20	11.34
28	11.29	11.37	11.37	11.45	11.47	11.03	9.08	7.83	9.54	10.90	11.20	11.34
29	11.29	11.37	11.38	11.45	---	11.03	9.20	7.60	9.55	10.91	11.21	11.34
30	11.30	11.37	11.39	11.45	---	10.96	9.26	7.56	9.61	10.92	11.22	11.34
31	11.30	---	11.39	11.45	---	10.71	---	7.62	---	10.94	11.23	---
MEAN	11.25	11.33	11.34	11.42	11.46	11.22	9.90	8.98	8.55	10.46	11.09	11.29
MAX	11.30	11.37	11.39	11.46	11.49	11.47	10.42	9.61	9.69	10.94	11.23	11.34
MIN	11.16	11.30	11.13	11.37	11.42	10.71	8.80	7.56	7.40	9.69	10.95	11.24

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

483204120202701. Local number, 35N/20E-16H02.

LOCATION.--Lat 48°32'04.3", long 120°20'27.1", NAD of 1927, Hydrologic Unit 17020008, near Mazama.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 6 in, depth 80 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed August 16, 2002 and removed December 4, 2002.

REMARKS.--Monitored depth interval; 6 in diameter open end casing at 80 ft.

DATUM.--Elevation of land-surface datum is 2010 ft above NGVD of 1929.

PERIOD OF RECORD.--November 2000 and August 2002 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 53.84 ft below land-surface datum, May 18, 2003; lowest measured, 61.26 below land-surface datum, February 25-26, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, AUGUST 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES	
	AUG	SEP
1	---	59.51
2	---	59.54
3	---	59.55
4	---	59.59
5	---	59.62
6	---	59.64
7	---	59.66
8	---	59.69
9	---	59.72
10	---	59.73
11	---	59.73
12	---	59.74
13	---	59.76
14	---	59.77
15	---	59.78
16	59.18	59.79
17	59.20	59.82
18	59.22	59.84
19	59.23	59.86
20	59.25	59.88
21	59.27	59.91
22	59.30	59.91
23	59.33	59.91
24	59.35	59.91
25	59.39	59.92
26	59.40	59.93
27	59.40	59.93
28	59.40	59.94
29	59.40	59.95
30	59.42	---
31	59.46	---
MEAN	---	---
MAX	---	---
MIN	---	---

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

483204120202701. Local number, 35N/20E-16H02--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	60.26	60.52	60.79	---	61.23	57.93	54.95	53.95	56.57	58.56	59.41
2	59.96	60.26	60.53	60.81	---	61.23	57.78	54.74	53.98	56.65	58.61	59.44
3	59.95	60.27	60.53	60.82	---	61.22	57.69	54.51	54.02	56.73	58.67	59.47
4	59.94	60.16	60.54	60.83	---	61.22	57.63	54.36	54.10	56.81	58.71	59.49
5	59.94	60.21	60.53	60.84	---	61.21	57.56	54.27	54.18	56.90	58.75	59.51
6	59.95	60.26	60.55	60.86	---	61.19	57.50	54.19	54.26	56.99	58.79	59.52
7	59.96	60.27	60.55	60.89	---	61.18	57.46	54.12	54.32	---	58.82	59.54
8	59.96	60.26	60.56	60.92	61.17	61.20	57.44	54.08	54.37	---	58.85	59.55
9	---	60.25	60.58	60.93	61.18	61.21	57.40	54.06	54.42	57.21	58.87	59.57
10	---	60.26	60.58	60.95	61.18	61.21	57.38	54.05	54.48	57.28	58.89	59.59
11	59.95	60.28	60.59	60.96	61.18	61.21	57.35	54.03	54.56	57.35	58.91	59.60
12	59.98	60.30	60.60	60.93	61.19	61.21	57.34	54.01	54.63	57.42	58.93	59.61
13	60.01	60.31	60.60	60.94	61.20	61.19	57.33	53.98	54.71	57.48	58.95	59.62
14	60.02	60.33	60.61	60.96	61.18	61.16	57.31	53.94	54.83	57.55	58.98	59.63
15	60.02	60.35	60.60	60.98	61.18	61.12	57.28	53.90	54.95	57.62	59.00	59.64
16	60.03	60.35	60.58	61.01	61.19	61.07	57.24	53.87	55.08	57.68	59.03	59.64
17	60.04	60.35	60.55	61.03	61.18	60.98	57.17	53.85	55.21	57.75	59.06	59.65
18	60.03	60.36	60.55	---	61.19	60.83	57.09	53.84	55.31	57.81	59.09	59.67
19	60.04	60.37	60.57	---	61.20	60.56	57.03	53.86	55.40	57.88	59.12	59.68
20	60.06	60.38	60.59	---	61.20	60.26	56.97	53.87	55.50	57.95	59.14	59.69
21	60.08	60.39	60.61	---	61.20	59.98	56.88	53.88	55.59	58.01	59.17	59.70
22	60.09	60.40	60.64	---	61.20	59.74	56.78	53.91	55.70	58.08	59.19	59.72
23	60.10	60.40	60.67	---	61.21	59.48	56.71	53.95	55.80	58.14	59.22	59.73
24	60.11	60.42	60.69	---	61.24	59.26	56.64	53.98	55.92	58.19	59.24	59.75
25	60.11	60.46	60.70	---	61.26	59.06	56.48	53.99	56.05	58.24	59.26	59.76
26	60.13	60.48	60.71	---	61.26	58.87	56.19	53.98	56.16	58.29	59.28	59.78
27	60.15	60.49	60.73	---	61.24	58.69	55.91	53.97	56.27	58.34	59.29	59.79
28	60.15	60.50	60.74	---	61.23	58.56	55.65	53.96	56.35	58.39	59.31	59.81
29	60.18	60.51	60.75	---	---	58.42	55.37	53.95	56.43	58.43	59.34	59.82
30	60.21	60.52	60.77	---	---	58.28	55.14	53.93	56.50	58.48	59.36	59.83
31	60.24	---	60.77	---	---	58.10	---	53.93	---	58.52	59.38	---
MEAN	---	60.35	60.62	---	---	60.33	56.99	54.06	55.10	---	59.02	59.64
MAX	---	60.52	60.77	---	---	61.23	57.93	54.95	56.50	---	59.38	59.83
MIN	---	60.16	60.52	---	---	58.10	55.14	53.84	53.95	---	58.56	59.41

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

483102120160601. Local number, 35N/21E-19M01.

LOCATION.--Lat 48°31'01.9", long 120°16'05.9", NAD of 1927, Hydrologic Unit 17020008, near Winthrop.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 8 in, depth 60.5 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed June 21, 2002 and removed September 30, 2003.

REMARKS.--Monitored depth interval; 8 in diameter open end casing at 60.5 ft.

DATUM.--Elevation of land-surface datum is 1,910 ft above NGVD of 1929.

PERIOD OF RECORD.--March-April 2001, June 2001, June-December 2002, and May-September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 45.73 ft below land-surface datum, June 1, 2003; lowest measured, 47.86 ft below land-surface datum, April 24, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, JUNE 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES			
	JUN	JUL	AUG	SEP
1	---	46.15	46.40	46.78
2	---	46.15	46.41	46.79
3	---	46.15	46.42	46.80
4	---	46.15	46.44	46.81
5	---	46.16	46.45	46.82
6	---	46.16	46.46	46.83
7	---	46.17	46.48	46.84
8	---	46.18	46.49	46.86
9	---	46.18	46.50	46.87
10	---	46.19	46.51	46.88
11	---	46.19	46.53	46.89
12	---	46.20	46.54	46.90
13	---	46.20	46.55	46.92
14	---	46.21	46.57	46.93
15	---	46.21	46.58	46.94
16	---	46.22	46.59	46.95
17	---	46.23	46.61	46.96
18	---	46.24	46.62	46.97
19	---	46.24	46.63	46.98
20	---	46.26	46.64	46.99
21	46.18	46.27	46.66	47.01
22	46.18	46.28	46.67	47.02
23	46.18	46.29	46.68	47.03
24	46.17	46.30	46.70	47.04
25	46.17	46.31	46.71	47.05
26	46.16	46.33	46.72	47.06
27	46.16	46.34	46.73	47.07
28	46.15	46.35	46.74	47.08
29	46.15	46.36	46.75	47.08
30	46.15	46.38	46.76	47.10
31	---	46.39	46.77	---
MEAN	---	46.24	46.59	46.94
MAX	---	46.39	46.77	47.10
MIN	---	46.15	46.40	46.78

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

483102120160601. Local number, 35N/21E-19M01--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47.11	47.28	47.36	---	---	---	---	---	45.73	46.05	46.62	47.08
2	47.11	47.28	47.36	---	---	---	---	---	45.74	46.07	46.63	47.09
3	47.12	47.28	47.37	---	---	---	---	---	45.74	46.08	46.65	47.10
4	47.13	47.29	---	---	---	---	---	---	45.75	46.10	46.67	47.11
5	47.14	47.29	---	---	---	---	---	---	45.75	46.12	46.69	47.12
6	47.15	47.29	---	---	---	---	---	---	45.76	46.14	46.70	47.13
7	47.15	47.30	---	---	---	---	---	45.55	45.77	46.15	46.72	47.14
8	47.16	47.30	---	---	---	---	---	45.55	45.78	46.17	46.73	47.15
9	47.17	47.30	---	---	---	---	---	45.55	45.79	46.19	46.75	47.16
10	47.17	47.30	---	---	---	---	---	45.56	45.79	46.20	46.76	47.17
11	47.18	47.31	---	---	---	---	---	45.56	45.79	46.22	46.78	47.18
12	47.19	47.31	---	---	---	---	---	45.56	45.80	46.24	46.80	47.18
13	47.19	47.31	---	---	---	---	---	45.56	45.81	46.26	46.81	47.19
14	47.20	47.32	---	---	---	---	---	45.57	45.82	46.28	46.83	47.20
15	47.20	47.32	---	---	---	---	---	45.57	45.83	46.29	46.84	47.21
16	47.21	47.32	---	---	---	---	---	45.58	45.84	46.31	46.86	47.23
17	47.21	47.32	---	---	---	---	---	45.58	45.85	46.33	46.87	47.23
18	47.22	47.32	---	---	---	---	---	45.59	45.86	46.35	46.90	47.24
19	47.22	47.33	---	---	---	---	---	45.60	45.87	46.37	46.91	47.25
20	47.23	47.33	---	---	---	---	---	45.61	45.89	46.39	46.92	47.26
21	47.23	47.33	---	---	---	---	---	45.63	45.90	46.41	46.94	47.27
22	47.24	47.34	---	---	---	---	---	45.64	45.92	46.43	46.95	47.27
23	47.24	47.34	---	---	---	---	---	45.66	45.93	46.45	46.96	47.28
24	47.24	47.34	---	---	---	---	---	45.67	45.94	46.47	46.98	47.28
25	47.25	47.34	---	---	---	---	---	45.68	45.96	46.48	46.99	47.29
26	47.25	47.35	---	---	---	---	---	45.69	45.97	46.50	47.00	47.30
27	47.26	47.35	---	---	---	---	---	45.70	45.99	46.52	47.02	47.30
28	47.26	47.35	---	---	---	---	---	45.70	46.01	46.54	47.03	47.30
29	47.27	47.35	---	---	---	---	---	45.71	46.02	46.56	47.04	47.31
30	47.27	47.36	---	---	---	---	---	45.72	46.04	46.58	47.05	47.32
31	47.27	---	---	---	---	---	---	45.72	---	46.60	47.07	---
MEAN	47.20	47.32	---	---	---	---	---	---	45.85	46.32	46.85	47.21
MAX	47.27	47.36	---	---	---	---	---	---	46.04	46.60	47.07	47.32
MIN	47.11	47.28	---	---	---	---	---	---	45.73	46.05	46.62	47.08

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482949120145401. Local number, 35N/21E-32D02.

LOCATION.--Lat 48°29'48.4", long 120°14'58.1", NAD of 1927, Hydrologic Unit 17020008, near Winthrop.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, water table, diameter 6 in, depth 80 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed March 9, 2002 and removed September 30, 2003.

REMARKS.--Monitored depth interval; 6 in diameter open end casing at 80 ft.

DATUM.--Elevation of land-surface datum is 1,844.4 ft above NGVD of 1929.

PERIOD OF RECORD.--December 2000, April 2001, June-July 2001, May-December 2002, and April-September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 26.18 ft below land-surface datum, June 17, 2002; lowest measured, 31.41 ft below land-surface datum, April 25, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, MAY 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES				
	MAY	JUN	JUL	AUG	SEP
1	---	26.57	27.02	29.46	30.67
2	---	26.61	27.14	29.54	30.69
3	---	26.66	27.28	29.63	30.70
4	---	26.69	27.42	29.71	30.71
5	---	26.67	27.57	29.79	30.73
6	---	26.56	27.71	29.87	30.74
7	---	26.54	27.85	29.94	30.75
8	28.97	26.62	27.95	30.00	30.77
9	29.03	26.74	27.98	30.06	30.78
10	29.09	26.89	28.01	30.12	30.80
11	29.16	27.04	28.05	30.17	30.81
12	29.22	27.12	28.07	30.21	30.83
13	29.24	27.06	28.09	30.25	30.84
14	29.14	26.72	28.12	30.29	30.85
15	28.97	26.41	28.15	30.32	30.87
16	28.86	26.20	28.20	30.35	30.89
17	28.78	26.18	28.27	30.38	30.90
18	28.64	26.25	28.35	30.41	30.91
19	28.51	26.37	28.43	30.43	30.93
20	28.37	26.52	28.52	30.46	30.94
21	28.00	26.66	28.61	30.48	30.95
22	27.75	26.78	28.70	30.51	30.96
23	27.71	26.83	28.80	30.53	30.97
24	27.73	26.86	28.89	30.56	30.98
25	27.76	26.89	28.98	30.58	30.99
26	27.78	26.92	29.05	30.60	30.99
27	27.75	26.92	29.12	30.61	31.00
28	27.57	26.89	29.18	30.62	31.01
29	27.18	26.90	29.25	30.63	31.01
30	26.75	26.94	29.33	30.65	31.02
31	26.58	---	29.40	30.66	---
MEAN	---	26.70	28.31	30.25	30.87
MAX	---	27.12	29.40	30.66	31.02
MIN	---	26.18	27.02	29.46	30.67

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

482949120145401. Local number, 35N/21E-32D02--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.03	31.19	31.28	---	---	---	---	29.23	27.02	28.70	30.42	30.89
2	31.03	31.20	31.29	---	---	---	---	29.17	27.01	28.77	30.44	30.90
3	31.04	31.17	31.29	---	---	---	---	29.12	27.08	28.86	30.46	30.90
4	31.05	31.17	31.28	---	---	---	---	29.07	27.16	28.96	30.46	30.90
5	31.05	31.21	31.25	---	---	---	---	28.97	27.21	29.05	30.48	30.90
6	31.06	31.23	31.24	---	---	---	---	28.95	27.12	29.14	30.49	30.91
7	31.07	31.24	31.23	---	---	---	---	28.96	26.92	29.21	30.52	30.91
8	31.07	31.23	31.23	---	---	---	---	28.99	26.73	29.29	30.54	30.90
9	31.08	31.23	31.23	---	---	---	---	29.03	26.60	29.37	30.56	30.91
10	31.08	31.23	31.25	---	---	---	---	29.07	26.61	29.44	30.58	30.92
11	31.09	31.24	31.26	---	---	---	---	29.09	26.72	29.52	30.60	30.91
12	31.09	31.24	31.26	---	---	---	---	29.08	26.85	29.59	30.61	30.93
13	31.09	31.24	31.25	---	---	---	---	29.05	26.98	29.65	30.64	30.95
14	31.10	31.23	31.21	---	---	---	---	28.98	27.11	29.70	30.66	30.96
15	31.11	31.24	31.10	---	---	---	---	28.89	27.27	29.76	30.67	30.97
16	31.11	31.24	30.94	---	---	---	---	28.81	27.42	29.81	30.69	30.99
17	31.12	31.24	30.85	---	---	---	---	28.78	27.56	29.87	30.71	31.00
18	31.12	31.25	---	---	---	---	29.90	28.80	27.65	29.93	30.72	31.01
19	31.13	31.25	---	---	---	---	29.78	28.84	27.70	29.99	30.74	31.00
20	31.13	31.25	---	---	---	---	29.64	28.89	27.76	30.04	30.75	31.02
21	31.14	31.25	---	---	---	---	29.53	28.94	27.84	30.08	30.77	31.03
22	31.14	31.25	---	---	---	---	29.46	28.98	27.96	30.12	30.78	31.04
23	31.15	31.25	---	---	---	---	29.45	29.00	28.11	30.17	30.80	31.05
24	31.15	31.25	---	---	---	---	29.49	28.86	28.26	30.21	30.82	31.06
25	31.15	31.25	---	---	---	---	29.70	28.29	28.41	30.24	30.83	31.06
26	31.16	31.25	---	---	---	---	29.78	27.80	28.52	30.27	30.83	31.07
27	31.16	31.26	---	---	---	---	29.70	27.67	28.58	30.30	30.84	31.07
28	31.17	31.27	---	---	---	---	29.58	27.54	28.60	30.33	30.85	31.08
29	31.18	31.27	---	---	---	---	29.46	27.31	28.61	30.36	30.86	31.08
30	31.18	31.28	---	---	---	---	29.34	27.14	28.64	30.38	30.87	31.09
31	31.19	---	---	---	---	---	---	27.08	---	30.40	30.88	---
MEAN	31.11	31.24	---	---	---	---	---	28.66	27.53	29.73	30.67	30.98
MAX	31.19	31.28	---	---	---	---	---	29.23	28.64	30.40	30.88	31.09
MIN	31.03	31.17	---	---	---	---	---	27.08	26.60	28.70	30.42	30.89

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

483551120264001. Local number, 36N/19E-26D03 MW05.

LOCATION.--Lat 48°35'50.4", long 120°26'40.2", Hydrologic Unit 17020008, near Mazama.

Owner: National Forest Service.

AQUIFER.-- Unidentified sand and gravel unit of Pleistocene Age and unidentified sedimentary rock of Cretaceous-Jurassic Age.

WELL CHARACTERISTICS.--Drilled observation well, sometimes water table and sometimes confined, diameter 6 in, depth 210 ft.

INSTRUMENTATION.--A non-submersible pressure transducer and data logger were installed June 20, 2002 and removed July 12, 2003.

REMARKS.--Monitored depth interval; 6 in diameter open hole from 45 to 210 ft.

DATUM.--Elevation of land-surface datum is 2,195 ft above NGVD of 1929.

PERIOD OF RECORD.--June-July 2002, September 2002, and February-July 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 25.80 ft below land-surface datum, April 4, 2003; lowest measured, 31.41 ft belowland-surface datum, June 9, 2003 and July 26, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, JUNE 2002 TO SEPTEMBER 2002

DAY	DAILY MEAN VALUES			
	JUN	JUL	AUG	SEP
1	---	29.65	---	---
2	---	29.98	---	---
3	---	30.22	---	---
4	---	30.36	---	---
5	---	30.49	---	---
6	---	30.56	---	---
7	---	30.59	---	---
8	---	30.31	---	---
9	---	30.14	---	---
10	---	30.21	---	---
11	---	30.11	---	---
12	---	29.97	---	---
13	---	30.01	---	---
14	---	30.02	---	---
15	---	---	---	---
16	---	---	---	---
17	---	---	---	---
18	---	---	---	---
19	---	---	---	---
20	29.01	---	---	---
21	29.15	---	---	---
22	29.04	---	---	---
23	28.80	---	---	---
24	28.79	---	---	---
25	28.93	---	---	---
26	28.85	---	---	---
27	28.52	---	---	---
28	28.64	---	---	---
29	28.99	---	---	---
30	29.27	---	---	---
31	---	---	---	---
MEAN	---	---	---	---
MAX	---	---	---	---
MIN	---	---	---	---

GROUND-WATER LEVELS

OKANOGAN COUNTY--Continued

483551120264001. Local number, 36N/19E-26D03 MW05--Continued

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	27.48	26.58	30.71	30.83	30.87	---	---
2	---	---	---	---	---	27.20	26.52	30.61	30.58	31.05	---	---
3	---	---	---	---	---	27.45	26.01	30.53	30.31	31.21	---	---
4	---	---	---	---	---	27.31	25.80	30.54	30.12	31.33	---	---
5	---	---	---	---	---	26.86	25.82	30.61	30.11	31.38	---	---
6	---	---	---	---	---	27.13	25.97	30.33	30.34	31.41	---	---
7	---	---	---	---	28.56	26.17	26.12	29.08	30.82	---	---	---
8	---	---	---	---	29.11	26.19	26.25	28.73	31.30	---	---	---
9	---	---	---	---	28.88	27.46	27.48	28.64	31.41	---	---	---
10	---	---	---	---	29.02	27.62	28.70	28.59	30.97	---	---	---
11	---	---	---	---	28.90	27.18	27.49	28.59	30.46	---	---	---
12	---	---	---	---	28.74	26.73	26.65	28.67	29.80	---	---	---
13	---	---	---	---	28.82	26.75	28.31	28.74	29.28	---	---	---
14	---	---	---	---	28.91	26.61	28.31	28.89	29.53	---	---	---
15	---	---	---	---	28.47	26.47	28.31	29.03	29.79	---	---	---
16	---	---	---	---	28.64	26.80	28.47	29.01	30.00	---	---	---
17	---	---	---	---	28.59	26.82	28.54	28.91	30.08	---	---	---
18	---	---	---	---	28.70	26.67	27.91	28.75	30.01	---	---	---
19	---	---	---	---	28.13	26.59	26.11	28.61	29.97	---	---	---
20	---	---	---	---	28.16	26.33	26.33	28.50	30.12	---	---	---
21	---	---	---	---	27.88	26.40	26.60	28.41	30.36	---	---	---
22	---	---	---	---	28.36	26.47	26.88	28.38	30.63	---	---	---
23	---	---	---	---	28.05	26.49	30.06	28.50	30.85	---	---	---
24	---	---	---	---	28.27	26.64	30.03	29.08	31.05	---	---	---
25	---	---	---	---	28.23	26.94	30.32	30.20	31.13	---	---	---
26	---	---	---	---	28.07	26.92	30.38	30.55	31.07	---	---	---
27	---	---	---	---	27.88	27.41	30.49	30.37	30.87	---	---	---
28	---	---	---	---	27.91	26.66	30.59	30.42	30.68	---	---	---
29	---	---	---	---	---	26.69	30.66	30.90	30.67	---	---	---
30	---	---	---	---	---	26.75	30.73	30.97	30.75	---	---	---
31	---	---	---	---	---	26.67	---	30.76	---	---	---	---
MEAN	---	---	---	---	---	26.83	27.95	29.50	30.46	---	---	---
MAX	---	---	---	---	---	27.62	30.73	30.97	31.41	---	---	---
MIN	---	---	---	---	---	26.17	25.80	28.38	29.28	---	---	---

GROUND-WATER LEVELS

PIERCE COUNTY

471137122304701. Local number, 20N/02E-26C01.

LOCATION.--Lat 47°11'45.4", long 122°30'55.4", NAD of 1927, Hydrologic Unit 17110019, in Tacoma.

Owner: Meadow Park Golf Course, City of Tacoma.

AQUIFER.--Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled irrigation well, confined, diameter 10 in, depth 157 ft.

DATUM.--Elevation of land-surface datum is 242 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter screen from 142 to 157 ft, water level measured in 10 in casing. Measurements made by Tom Higgins, Meadow Park employee.

PERIOD OF RECORD.--November 1974, April 1989 to September 1990, February 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 19.00 ft below land-surface datum, Feb. 15, 2000; lowest measured, 54.43 ft below land-surface datum, August 19, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
[T = nearby well recently pumped]

Date	Water Level	Date	Water Level	Date	Water Level
NOV 12	33.40	JUN 4	41.26	AUG 19	54.43
APR 8	19.70	JUL 23	57.30T	SEP 18	45.58

471148122305501. Local number, 20N/02E-26C02.

LOCATION.--Lat 47°11'47.6", long 122°30'55.2", NAD of 1927, Hydrologic Unit 17110019, in Tacoma.

Owner: Meadow Park Golf Course, City of Tacoma.

AQUIFER.--Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled irrigation well, confined, diameter 12 in, depth 265.5 ft.

DATUM.--Elevation of land-surface datum is 250 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter screens from 218.5 to 233.5 ft, 240.5 to 245.5 ft, and 250.5 to 260.5 ft, water level measured in 12 in casing. Measurements made by Tom Higgins, Meadow Park employee.

PERIOD OF RECORD.--October 1989 to June 1990, February 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 27.86 ft below land-surface datum, Mar. 31, 2000; lowest measured, 56.65 ft below land-surface datum, September 18, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
[R = well recently pumped]

Date	Water Level	Date	Water Level	Date	Water Level
NOV 12	43.51	JUN 4	52.18	AUG 19	71.02R
APR 8	28.08	JUL 23	70.21R	SEP 18	56.65

471032122292701. Local number, 20N/02E-36K01.

LOCATION.--Lat 47°10'31.0", long 122°29'31.9", NAD of 1927, Hydrologic Unit 17110019, in Lakewood.

Owner: U.S. Geological Survey.

AQUIFER.--Unidentified gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Augered observation well, water table, diameter 2 in, depth 90 ft.

DATUM.--Elevation of land-surface datum is 275 ft above NGVD of 1929.

REMARKS.--Monitored depth intervals; 2 in diameter screens from 55 to 65 ft and 75 to 85 ft, water level measured in 2 in casing.

PERIOD OF RECORD.--October 1997, July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 33.77 ft below land-surface datum, Feb. 22, 2002; lowest measured, 43.50 ft below land-surface datum, Aug. 3, 2000.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
[S = nearby well pumping]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 4, 2002	39.13	JUL 23	41.37	FEB 18	36.23	JUN 19	39.30
OCT 16	39.03	OCT 29	39.26	FEB 28	36.14	AUG 7	41.81
JAN 6	38.01	NOV 18	39.72	MAR 14	35.68	AUG 21	42.70
JAN 27	36.81	NOV 25	39.64	MAR 27	35.49	SEP 5	43.35
APR 15	35.10	DEC 10	40.43	MAY 6	35.65	SEP 19	43.93S
APR 29	35.38	DEC 23	39.21	MAY 23	37.07		
JUL 10	40.23S	FEB 4	36.68	JUN 4	38.11		

GROUND-WATER LEVELS

PIERCE COUNTY--Continued

472121122442011. Local number, 22N/01W-36H01D11.

LOCATION.--Lat 47°21'21", long 122°44'20", NAD of 1927, Hydrologic Unit 17110019, near Key Center.

Owner: Washington State, Department of Natural Resources.

AQUIFER.--Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Augered observation well, confined, diameter 1.25 in, depth 74 ft.

DATUM.--Elevation of land-surface datum is 183 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 1.25 in diameter screen from 71 to 74 ft, water level measured in 1.25 in casing.

PERIOD OF RECORD.--August 1992 to October 1993, October 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 24.67 ft below land-surface datum, Mar. 12, 1999; lowest measured, 44.44 ft below land-surface datum, Feb. 12, 1993.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level
OCT 4	36.91	FEB 11	38.96	JUL 10	31.71
DEC 6	40.90	MAY 7	28.11	SEP 29	38.12

472121122442012. Local number, 22N/01W-36H02.

LOCATION.--Lat 47°21'21", long 122°44'20", NAD of 1927, Hydrologic Unit 17110019, near Key Center.

Owner: Washington State, Department of Natural Resources.

AQUIFER.--Vashon Till of Pleistocene Age.

WELL CHARACTERISTICS.--Augered observation well, confined, diameter 1.25 in, depth 33 ft.

DATUM.--Elevation of land-surface datum is 183 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 1.25 in diameter screen from 30 to 33 ft, water level measured in 1.25 in casing.

PERIOD OF RECORD.--August 1992 to October 1993, October 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 21.60 ft below land-surface datum, Apr. 10, 1998; lowest measured, dry on numerous occasions.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level
OCT 4	dry	FEB 11	31.64	JUL 10	29.46
DEC 6	dry	MAY 7	25.84	SEP 29	dry

SNOHOMISH COUNTY

480723122143001. Local number, 30N/04E-01C01.

LOCATION.--Lat 48°07'23.3", long 122°14'31.1" NAD of 1927, Hydrologic Unit 17110008, near Marysville.

AQUIFER.--Vashon Till of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, water table, diameter 6 in, depth 40 ft.

DATUM.--Elevation of land-surface datum is 590 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter casing perforated from 23 to 28 ft and 35 to 39 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--October 1974, February 1977 to November 1977, April 1981 to June 1982, and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 1.31 ft below land-surface datum, April 2, 1981; lowest measured, 11.45 ft below land-surface datum, November 8, 2002.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 2, 2001	2.66a	NOV 11	1.33	APR 29	1.49	NOV 8	11.45
JUL 30	5.66	DEC 28	2.31	MAY 29	3.51	JAN 24, 2003	3.78
AUG 29	6.77	FEB 1, 2002	1.42	JUL 8	6.18	MAR 4	2.20
SEP 27	8.09	FEB 26	2.15	AUG 12	7.60	APR 7	1.75
OCT 29	6.61	MAR 27	2.05	SEP 13	9.05		

GROUND-WATER LEVELS

SNOHOMISH COUNTY--Continued

480703122173001. Local number, 30N/04E-04F02.

LOCATION.--Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Undifferentiated sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, confined, diameter 6 in, depth 239 ft.

DATUM.--Elevation of land-surface datum is 257 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 236 to 239 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--March 1981 to March 1983 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 201.88 ft below land-surface datum, November 16, 1982; lowest measured, 207.97 ft below land-surface datum, September 16, 1982.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; P = well pumping]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 2, 2001	203.91a	NOV 29	204.07	APR 29	208.30P	NOV 8	203.83
AUG 3	204.2	DEC 28	203.89	MAY 30	208.25P	JAN 24, 2003	204.53
AUG 30	202.57	FEB 1, 2002	204.75	JUL 8	204.90	MAR 4	204.00
OCT 5	204.8	FEB 26	204.90	AUG 13	204.64	APR 7	204.20
OCT 29	204.50	MAR 28	204.71	SEP 13	204.60		

480604122165801. Local number, 30N/04E-10L02.

LOCATION.--Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, confined, diameter 8 in, depth 94 ft.

DATUM.--Elevation of land-surface datum is 210 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 8 in diameter screen from 84 to 94 ft, water level measured in 8 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--November 1974 to June 1978, October 1981 to March 1983, April 1993, and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 21.04 ft below land-surface datum, March 14, 1975; lowest measured, 30.24 ft below land-surface datum, July 16, 1982.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; P = well pumping; R = well recently pumped]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 3, 2001	26.28a	NOV 30	78.78P	APR 30	25.38	NOV 8, 2003	28.27P
AUG 14	78.28P	DEC 28	26.10R	MAY 30	23.85	JAN 27	25.01
AUG 29	26.10	FEB 1, 2002	25.71	JUL 8	27.71P	APR 8	26.24
OCT 8, 2001	25.95	FEB 27	74.0P	AUG 13	29.16P		
OCT 31	26.10	MAR 28	25.40	SEP 16	26.93		

480602122170101. Local number, 30N/04E-10L03.

LOCATION.--Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, confined, diameter 8 in, depth 102 ft.

DATUM.--Elevation of land-surface datum is 210 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 8 in diameter screen from 83 to 102 ft, water level measured in 8 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--November 1974 to June 1978, October 1981 to March 1983, April 1993, and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 7.97 ft below land-surface datum, March 14, 1975; lowest measured, 18.74 ft below land-surface datum, December 17, 1982.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; P = well pumping; S = nearby well pumping]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 3, 2001	12.37a	NOV 30	60.70P	APR 30	67.82P	NOV 8	71.80P
AUG 14	14.65S	DEC 28	67.40P	MAY 30	10.56	JAN 27, 2003	11.50
AUG 29	12.25	FEB 1, 2002	62.10P	JUL 8	71.37P	APR 2	12.90
OCT 8, 2002	10.54	FEB 27	55.90P	AUG 13	73.20P		
OCT 31	12.35	MAR 28	13.02	SEP 16	13.85		

GROUND-WATER LEVELS

SNOHOMISH COUNTY--Continued

480417122172601. Local number, 30N/04E-21J02.

LOCATION.--Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Undifferentiated sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, confined, diameter 6 in, depth 241 ft.

DATUM.--Elevation of land-surface datum is 182 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 231 to 241 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--August 1975 to August 1977, December 1981 to March 1983, and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 155.3 ft below land-surface datum, January 18, 1977; lowest measured, 159.80 ft below land-surface datum, August 30, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; R = well recently pumped]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 4, 2001	158.15Ra	NOV 30	156.75	APR 30	157.37	NOV 8, 2003	156.10
AUG 3	159.20	DEC 28	156.81	MAY 30	158.11	JAN 24	156.50
AUG 30	159.80	FEB 1, 2002	157.14	JUL 8	159.46	MAR 4	156.75
OCT 5	157.17	FEB 26	157.50	AUG 12	157.70	APR 7	159.20
OCT 29	158.20	MAR 28	157.45	SEP 13	157.28		

480410122164701. Local number, 30N/04E-22K01.

LOCATION.--Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Undifferentiated sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, confined, diameter 8 in, depth 330.5 ft.

DATUM.--Elevation of land-surface datum is 110 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 8 in diameter screen from 305.5 to 330.5 ft, water level measured in 8 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--August 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 71.45 ft below land-surface datum, March 28, 2002; lowest measured, 158.05 ft below land-surface datum, January 24, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; P = well pumping; R = well recently pumped]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 3, 2001	117.78Ra	DEC 28	104.35	MAY 30	202.95P	JAN 24, 2003	158.05
AUG 3	134.80R	FEB 5, 2002	103.31	JUL 8	132.01P	APR 8	134.23
AUG 30	118.65	FEB 27	154.80P	AUG 13	224.71P		
OCT 8	120.10	MAR 28	71.45	SEP 16	148.60		
NOV 29	135.45R	APR 30	204.31P	NOV 8	241.42P		

480400122163001. Local number, 30N/04E-22Q01.

LOCATION.--Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Undifferentiated sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, confined, diameter 8 in, depth 311 ft.

DATUM.--Elevation of land-surface datum is 100 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 8 in diameter screen from 293 to 311 ft, water level measured in 8 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--August 1992 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 51.8 ft below land-surface datum, August 4, 1992; lowest measured, 155.72 ft below land-surface datum, January 27, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; P = well pumping; R = well recently pumped]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 3, 2001	115.28Ra	NOV 30	132.60P	APR 30	127.05P	NOV 8	197.84P
AUG 3	131.95R	DEC 28	100.25	MAY 30	129.90	JAN 27, 2003	155.72
AUG 30	115.71	FEB 5, 2002	101.00	JUL 8	180.15P	APR 8	136.65
OCT 8	112.60	FEB 27	153.64P	AUG 13	143.10		
OCT 31	127.65P	MAR 28	68.60	SEP 16	144.91		

GROUND-WATER LEVELS

SNOHOMISH COUNTY--Continued

480406122151301. Local number, 30N/04E-23Q02.

LOCATION.--Lat 48°04'05.6", long 122°15'13.2" NAD of 1927, Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Undifferentiated sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 6 in, depth 245 ft.

DATUM.--Elevation of land-surface datum is 230 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 5.6 in diameter screen from 240 to 245 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 79.54 ft below land-surface datum, April 30, 2002; lowest measured, 81.90 ft below land-surface datum, October 5, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 4, 2001	80.94a	NOV 30	81.32	APR 30	79.54	NOV 8	81.31
AUG 13	80.97	DEC 28	80.80	MAY 30	80.20	JAN 24, 2003	81.71
AUG 30	81.36	FEB 1, 2002	80.50	JUL 8	80.50	MAR 4	81.37
OCT 5	81.90	FEB 27	80.15	AUG 12	80.60	APR 7	81.22
OCT 31	81.50	MAR 28	79.80	SEP 13	81.38		

480218122143201. Local number, 30N/04E-36P01.

LOCATION.--Lat 48°02'17.7", long 122°14'31.9" NAD of 1927, Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Undetermined.

WELL CHARACTERISTICS.--Drilled domestic well, diameter 6 in, depth 152 ft.

DATUM.--Elevation of land-surface datum is 118 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter open end casing at 152 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--September 1974 to March 1976, January 1981 to April 1981, and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 113.0 ft below land-surface datum, February 17, 1976; lowest measured, 114.4 ft below land-surface datum, August 13, 1975.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 1, 2000	113.99a	NOV 29	113.38	APR 29	113.54	NOV 8	113.43
JUL 30	113.72	DEC 28	113.40	MAY 29	113.65	JAN 24, 2003	113.20
AUG 29	113.67	FEB 1, 2002	113.45	JUL 8	113.87	MAR 4	113.20
OCT 5	113.75	FEB 27	113.35	AUG 12	113.60	APR 7	113.40
OCT 31	113.75	MAR 27	113.55	SEP 13	113.65		

480703122121801. Local number, 30N/05E-06H01.

LOCATION.--Lat 48°07'03.3", long 122°12'17.0" NAD of 1927, Hydrologic Unit 17110011, near Marysville.

AQUIFER.--Undetermined.

WELL CHARACTERISTICS.--Drilled domestic well, confined, diameter 6 in, depth 85 ft.

DATUM.--Elevation of land-surface datum is 96 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter open end casing at 85 ft, water level measured with pressure gage on 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--November 1974 to September 1977, December 1980 to September 1982, and July 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 34.1 ft above land-surface datum, May 29, 2002; lowest measured, 27.1 ft above land-surface datum, March 18, 1981.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
JUL 2, 2001	30.0a	NOV 29	32.4	MAR 27	33.7	AUG 12	32.3
JUL 30	32.3	DEC 28	32.5	APR 29	33.7	SEP 13	32.3
AUG 29	32.3	FEB 1, 2002	32.8	MAY 29	34.1	NOV 8	32.3
SEP 27	32.3	FEB 26	32.3	JUL 8	33.7	JAN 24, 2003	32.3

GROUND-WATER LEVELS

SNOHOMISH COUNTY--Continued

480612122125201. Local number, 30N/05E-07G05.

LOCATION.--Lat 48°06'12.4", long 122°12'54.2" NAD of 1927, Hydrologic Unit 17110011, near Marysville.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 6 in, depth 135 ft.

DATUM.--Elevation of land-surface datum is 250 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 130 to 135 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--December 1976 to June 1978, December 1980 to March 1983, and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 101.55 ft below land-surface datum, May 19, 1982; lowest measured, 105.55 ft below land-surface datum, October 29, 2001 and April 7, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 3, 2001	104.68a	NOV 29	105.44	APR 29	104.10	NOV 8	104.80
JUL 30	105.13	DEC 28	105.20	MAY 29	103.99	JAN 24, 2003	105.50
AUG 29	105.20	FEB 1, 2002	104.90	JUL 8	104.50	MAR 4	105.50
SEP 27	105.36	FEB 26	104.92	AUG 12	104.67	APR 7	105.55
OCT 29	105.55	MAR 27	105.00	SEP 13	104.93		

480332122113601. Local number, 30N/05E-29G07.

LOCATION.--Lat 48°03'43.0", long 122°11'36.1" NAD of 1927, Hydrologic Unit 17110011, near Marysville.

AQUIFER.--Vashon recessional outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Dug domestic well, water table, diameter 42 in, depth 17.5 ft.

DATUM.--Elevation of land-surface datum is 22 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 42 in diameter open end casing at 17.5 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--September 1974 to November 1977 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 8.64 ft below land-surface datum, March 14, 1975; lowest measured, 13.63 ft below land-surface datum, November 8, 2002 and January 24, 2003.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 1, 2001	12.35a	NOV 29	13.30	APR 29	10.47	NOV 8	13.63
JUL 30	12.6	DEC 28	11.90	MAY 29	10.83	JAN 24, 2003	13.63
AUG 29	12.94	FEB 1, 2002	11.30	JUL 8	11.47	MAR 4	13.03
SEP 27	13.33	FEB 26	10.78	AUG 12	12.15	APR 7	12.76
OCT 29	13.33	MAR 27	10.43	SEP 13	12.75		

480242122125301. Local number, 30N/05E-31G02.

LOCATION.--Lat 48°02'42.0", long 122°12'53.3" NAD of 1927, Hydrologic Unit 17110011, near Marysville.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Dug unused well, water table, diameter 36 in, depth 38 ft.

DATUM.--Elevation of land-surface datum is 38 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 42 in diameter open end casing at 38 ft, water level measured in 42 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--September 1974 to September 1977 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 0.95 ft below land-surface datum, February 1, 2002; lowest measured, 19.42 ft below land-surface datum, December 12, 1974.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 1, 2001	10.34a	NOV 29	7.20	APR 29	2.90	NOV 8	17.42
JUL 30	13.81	DEC 28	7.80	MAY 29	9.20	JAN 24, 2003	9.22
AUG 29	14.80	FEB 1, 2002	0.95	JUL 8	12.60	MAR 4	12.40
OCT 5	16.3	FEB 26	1.40	AUG 12	14.10	APR 7	6.55
OCT 31	16.90	MAR 27	2.00	SEP 19	15.45		

GROUND-WATER LEVELS

SNOHOMISH COUNTY--Continued

480909122214101. Local number, 31N/03E-24Q03.

LOCATION.--Lat 48°09'10.3", long 122°21'43.0" NAD of 1927, Hydrologic Unit 17110019, near Stanwood.

AQUIFER.--Undifferentiated sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, confined, diameter 6 in, depth 235 ft.

DATUM.--Elevation of land-surface datum is 190 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 230 to 235 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--August 1992 to January 1995 and June 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 189.25 ft below land-surface datum, November 8, 2002; lowest measured, 191.20 ft below land-surface datum, July 13, 1994.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
JUN 7, 2001	190.48a	NOV 29	189.43	MAY 29	190.30	JAN 24, 2003	189.30
JUL 30	190.30	DEC 28	189.72	JUL 8	191.00	MAR 4	190.38
AUG 30	190.90	FEB 1, 2002	189.68	AUG 13	190.30	APR 7	190.40
SEP 27	190.50	FEB 26	190.20	SEP 13	190.39		
OCT 29	190.80	MAR 28	190.58	NOV 8	189.25		

480738122214201. Local number, 31N/03E-36J01.

LOCATION.--Hydrologic Unit 17110019, near Tulalip.

AQUIFER.--Undifferentiated sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, confined, diameter 6 in, depth 109 ft.

DATUM.--Elevation of land-surface datum is 20 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 99 to 109 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--April 1967 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 20.13 ft below land-surface datum, November 29, 2001; lowest measured, 22.80 ft below land-surface datum, April 29, 2002.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 16, 2001	20.72a	NOV 29	20.13	APR 29	22.80	NOV 8	20.47
JUL 30	20.90	DEC 28	20.25	MAY 29	22.15	JAN 24, 2003	20.14
AUG 30	22.50	FEB 1, 2002	20.92	JUL 8	22.25	MAR 4	20.94
OCT 5	21.14	FEB 26	20.22	AUG 13	22.53	APR 7	21.40
OCT 29	21.50	MAR 28	21.81	SEP 13	20.82		

48113122195801. Local number, 31N/04E-08E02.

LOCATION.--Lat 48°11'31.4", long 122°19'58.8" NAD of 1927, Hydrologic Unit 17110008, near Stanwood.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, water table, diameter 6 in, depth 144 ft.

DATUM.--Elevation of land-surface datum is 225 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 139 to 144 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--August 1992 to January 1995 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 94.30 ft below land-surface datum, November 8, 2002; lowest measured, 96.32 ft below land-surface datum, January 18, 1995.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; R = well pumped recently]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 18, 2001	94.59a	NOV 29	94.77	APR 29	94.58	NOV 8	94.30
JUL 30	94.72	DEC 28	94.67	MAY 29	96.80R	JAN 24, 2003	94.45
AUG 30	94.57	FEB 1, 2002	94.80	JUL 8	94.60	MAR 4	94.47
SEP 27	94.60	FEB 26	94.77	AUG 13	94.49	APR 7	94.50
OCT 29	94.70	MAR 28	94.71	SEP 13	94.48		

GROUND-WATER LEVELS

SNOHOMISH COUNTY--Continued

481005122171101. Local number, 31N/04E-15N03.

LOCATION.--Lat 48°10'05.0", long 122°17'12.5" NAD of 1927, Hydrologic Unit 17110008, near Stanwood.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, confined, diameter 6 in, depth 124 ft.

DATUM.--Elevation of land-surface datum is 450 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 120 to 124 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--August 1992 to January 1995 and June 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 68.50 ft below land-surface datum, April 29, 2002; lowest measured, 73.98 ft below land-surface datum, November 21, 1994.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
JUN 7, 2001	72.00a	NOV 29	71.49	APR 29	68.50	NOV 8	71.70
JUL 30	73.62	DEC 28	70.92	MAY 29	69.01	JAN 24, 2003	72.90
AUG 29	71.25	FEB 1, 2002	70.21	JUL 8	70.20	MAR 4	72.40
SEP 27	71.61	FEB 26	69.74	AUG 12	70.49	APR 7	72.00
OCT 29	71.82	MAR 27	68.90	SEP 13	71.30		

480945122203201. Local number, 31N/04E-19G01.

LOCATION.--Lat 48°09'45.0", long 122°20'32.3" NAD of 1927, Hydrologic Unit 17110019, near Stanwood.

AQUIFER.--Undifferentiated sediments of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled unused well, confined, diameter 6 in, depth 315 ft.

DATUM.--Elevation of land-surface datum is 263 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 310 to 315 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--January 1981 to March 1983 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 233.92 ft below land-surface datum, May 23, 2001; lowest measured, 247.53 ft below land-surface datum, November 16, 1982.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 23, 2001	233.92a	NOV 29	234.34	APR 29	234.90	NOV 8	234.01
JUL 30	234.12	DEC 28	234.72	MAY 29	234.75	JAN 24, 2003	234.60
AUG 30	234.40	FEB 1, 2002	235.07	JUL 8	235.07	MAR 4	234.58
SEP 27	235.40	FEB 26	235.12	AUG 13	234.89	APR 7	234.81
OCT 29	234.90	MAR 28	235.10	SEP 13	234.70		

480918122180501. Local number, 31N/04E-21Q01.

LOCATION.--Hydrologic Unit 17110019, near Stanwood.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, water table, diameter 10 in, depth 180 ft.

DATUM.--Elevation of land-surface datum is 375 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 10 in diameter screen from 156 to 180 ft, water level measured in 10 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--March 1981 to March 1983, September 1992, and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 125.89 ft below land-surface datum, May 29, 2002; lowest measured, 135.16 ft below land-surface datum, September 30, 1992.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; R = well recently pumped; P = well pumping]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 22, 2001	126.27a	NOV 29	137.62P	APR 29	137.67P	JAN 24, 2003	126.20
JUL 30	137.61R	DEC 28	137.62P	MAY 29	125.89	MAR 2	137.58P
AUG 29	126.31	FEB 1, 2002	126.44	JUL 8	137.60P	APR 7	137.64P
SEP 27	143.90P	FEB 26	137.60P	AUG 13	126.19		
OCT 31	137.68P	MAR 27	126.20	NOV 8	137.60P		

GROUND-WATER LEVELS

SNOHOMISH COUNTY--Continued

480959122163401. Local number, 31N/04E-22B03.

LOCATION.--Lat 48°09'58.6", long 122°16'35.2" NAD of 1927, Hydrologic Unit 17110008, near Stanwood.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, water table, diameter 6 in, depth 145 ft.

DATUM.--Elevation of land-surface datum is 440 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 140 to 145 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--January 1981 to March 1983 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 101.80 ft below land-surface datum, November 8, 2002; lowest measured, 105.65 ft below land-surface datum, March 17, 1981.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey, P = well pumping]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 24, 2001	102.20a	DEC 28	103.20	MAY 29	102.15	JAN 24, 2003	102.51
JUL 30	102.3	FEB 1, 2002	104.20P	JUL 8	102.68	MAR 4	102.72
SEP 27	102.2	FEB 26	103.14	AUG 13	102.70	APR 7	102.80
OCT 29	102.67	MAR 27	102.70	SEP 13	102.22		
NOV 29	102.66	APR 29	102.45	NOV 8	101.80		

480917122155701. Local number, 31N/04E-23N01.

LOCATION.--Hydrologic Unit 17110008, near Stanwood.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled public-supply well, water table, diameter 6 in, depth 157 ft.

DATUM.--Elevation of land-surface datum is 430 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 147 to 157 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--January 1981 to March 1983, February 1993, and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 111.81 ft below land-surface datum, April 29, 2002; lowest measured, 116.89 ft below land-surface datum, November 16, 1981.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey; P = well pumping; R = well recently pumped]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 22, 2001	111.87a	NOV 29	112.70R	APR 29	111.81	NOV 8	111.90
JUL 30	112.40	DEC 28	112.60	MAY 29	111.84	JAN 24, 2003	113.50
AUG 29	113.10	FEB 1, 2002	113.30	JUL 8	111.84	MAR 4	112.35
SEP 27	112.10	FEB 26	112.58	AUG 13	131.00P	APR 7	112.71
OCT 31	112.02R	MAR 27	112.40	SEP 13	113.03R		

480809122171301. Local number, 31N/04E-34D01.

LOCATION.--Lat 48°08'08.2", long 122°17'10.6" NAD of 1927, Hydrologic Unit 17110019, near Stanwood.

AQUIFER.--Vashon advance outwash of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled domestic well, water table, diameter 6 in, depth 79 ft.

DATUM.--Elevation of land-surface datum is 350 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter screen from 75 to 79 ft, water level measured in 6 in casing. Water levels measured by personnel from Tulalip Tribe unless otherwise indicated.

PERIOD OF RECORD.--February 1981 to March 1983 and May 2001 to April 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 47.45 ft below land-surface datum, April 29, 2002; lowest measured, 52.19 ft below land-surface datum, August 18, 1981.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
MAY 24, 2001	47.98a	NOV 29	48.88	APR 29	47.45	NOV 8	49.50
JUL 30	48.25	DEC 28	48.13	MAY 29	47.74	JAN 24, 2003	49.64
AUG 29	49.00	FEB 1, 2002	48.11	JUL 8	48.40	MAR 4	49.24
SEP 27	48.30	FEB 26	48.11	AUG 12	48.85	APR 7	48.70
OCT 29	49.20	MAR 27	47.80	SEP 13	49.26		

GROUND-WATER LEVELS

SPOKANE COUNTY

47401117072901. Local number, 25N/45E-16C01.

LOCATION.--Lat 47°40'11", long 117°07'29", NAD of 1927, Hydrologic Unit 17010305, near Greenacres.

AQUIFER.--Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Dug unused irrigation well, water table, diameter 96 in, depth 129 ft.

DATUM.--Elevation of land-surface datum is 2055.89 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 96 in diameter open end casing at 129 ft, water level measured in 96 in casing.

PERIOD OF RECORD.--November 1921, April 1929 to August 1955, April 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 82.63 ft below land-surface datum, May 30, 1997; lowest measured, 114.53 ft below land-surface datum, Dec. 8, 1931.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 31	101.64	JAN 31	101.54	APR 30	97.36	JUL 25	103.57
NOV 29	102.10	FEB 28	99.54	MAY 29	99.35	AUG 28	105.42
DEC 31	102.82	MAR 31	97.95	JUN 27	101.15	SEP 30	103.96

THURSTON COUNTY

465033122570201. Local number, 16N/02W-29L02P1.

LOCATION.--Lat 46°50'33.6", long 122°57'31.8", NAD of 1927, Hydrologic Unit 17100103, near Sunnysdale.

Owner: Washington State, Department of Ecology.

AQUIFER.--Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 6 in, depth 108 ft.

DATUM.--Elevation of land-surface datum is 217.65 ft above NGVD of 1929.

REMARKS.--Monitored depth interval: 6 in perforated casing from 103 to 108 ft, water level measured in 2 in diameter piezometer.

PERIOD OF RECORD.--July 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 12.22 ft below land-surface datum, Mar. 9, 1999; lowest measured, 41.11 ft below land-surface datum, Nov. 6, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003
[a = measured by personnel from U.S. Geological Survey]

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 9	35.39	MAR 14	21.06	JUL 2	24.90	AUG 22	31.13
DEC 10	40.21	MAY 13	20.35				

GROUND-WATER LEVELS

THURSTON COUNTY--Continued

465033122570202. Local number, 16N/02W-29L02P2.

LOCATION.--Lat 46°50'33.6", long 122°57'31.8", NAD of 1927, Hydrologic Unit 17100103, near Sunnydale.

Owner: Washington State, Department of Ecology.

AQUIFER.--Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 6 in, depth 82 ft.

DATUM.--Elevation of land-surface datum is 217.65 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; 6 in diameter perforated casing from 74 to 82 ft, water level measured in 2 in diameter piezometer. A pressure transducer and data logger were installed on Nov. 6, 2001. Water levels were recorded at 1-hr intervals. The water levels below (starting with Nov. 10, 2001) are average daily values for the dates given.

PERIOD OF RECORD.--July 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 12.25 ft below land-surface datum, Mar. 9, 1999; lowest measured, 41.60 ft below land-surface datum, Nov. 13, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 5	35.17	JAN 5	36.09	APR 5	19.15	JUL 5	25.36
OCT 10	35.59	JAN 10	31.86	APR 10	19.23	JUL 10	25.93
OCT 15	36.03	JAN 15	30.02	APR 15	19.19	JUL 15	26.50
OCT 20	36.43	JAN 20	28.92	APR 20	19.14	JUL 20	27.18
OCT 25	36.84	JAN 25	28.12	APR 25	19.33	JUL 25	27.81
OCT 30	37.25	JAN 30	26.21	APR 30	19.61	JUL 30	28.47
NOV 5	37.73	FEB 5	22.73	MAY 5	19.90	AUG 5	29.23
NOV 10	38.13	FEB 10	22.23	MAY 10	20.23	AUG 10	29.83
NOV 15	38.56	FEB 15	22.16	MAY 15	20.58	AUG 15	30.38
NOV 20	38.93	FEB 20	22.21	MAY 20	20.98	AUG 20	30.98
NOV 25	39.29	FEB 25	22.05	MAY 25	21.35	AUG 25	31.58
NOV 30	39.64	FEB 28	22.01	MAY 30	21.78	AUG 30	32.14
DEC 5	39.98	MAR 5	22.00	JUN 5	22.32	SEP 5	32.79
DEC 10	40.33	MAR 10	21.90	JUN 10	22.80	SEP 10	33.31
DEC 15	40.46	MAR 15	21.03	JUN 15	23.27	SEP 15	33.78
DEC 20	40.19	MAR 20	20.38	JUN 20	23.72	SEP 20	34.28
DEC 25	39.82	MAR 25	19.27	JUN 25	24.24	SEP 25	34.75
DEC 30	39.31	MAR 30	19.02	JUN 30	24.77	SEP 30	35.21

465033122570203. Local number, 16N/02W-29L02P3.

LOCATION.--Lat 46°50'33.6", long 122°57'31.8", NAD of 1927, Hydrologic Unit 17100103, near Sunnydale.

Owner: Washington State, Department of Ecology.

AQUIFER.--Unidentified sand and gravel unit of Pleistocene Age.

WELL CHARACTERISTICS.--Drilled observation well, confined, diameter 6 in, depth 48 ft.

DATUM.--Elevation of land-surface datum is 217.65 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; perforated 6 in diameter casing from 41 to 48 ft, water level measured in 6 in casing. A pressure transducer and data logger were installed on Apr. 6, 2001 and removed on Nov. 6, 2001. Water levels were recorded at 1-hr intervals. The water levels below (from Oct. 5 through Oct. 20, 2001) are average daily values for the dates given.

PERIOD OF RECORD.--July 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 10.92 ft below land-surface datum, Mar. 4, 1992; lowest measured, 41.20 ft below land-surface datum, Nov. 6, 2001.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
OCT 9	35.58	MAR 14	21.34	JUL 2	25.00	AUG 22	31.34
DEC 10	40.12	MAY 13	20.35				

GROUND-WATER LEVELS

WHITMAN COUNTY

470045117211701. Local number, 18N/43E-35L01.

LOCATION.--Lat 47°00'45", long 117°21'17", NAD of 1927, Hydrologic Unit 17060108, near Steptoe.

AQUIFER.--Wanapum Basalt of the Yakima Basalt Subgroup of the Columbia River Basalt of Miocene Age.

WELL CHARACTERISTICS.--Drilled unused domestic well, water table, diameter 6 in, depth 132 ft.

DATUM.--Elevation of land-surface datum is 2,331 ft above NGVD of 1929.

REMARKS.--Monitored depth interval; uncertain, probably 6 in diameter open end casing at 132 ft, water level measured in 6 in casing.

PERIOD OF RECORD.--1940-73, 1977, October 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest static water level measured, 5.10 ft below land-surface datum, Mar. 20, 1949; lowest measured, 19.16 ft below land-surface datum, June 25, 1959.

WATER LEVELS, IN FEET BELOW LAND -SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2003

Date	Water Level	Date	Water Level	Date	Water Level	Date	Water Level
NOV 5	11.19	FEB 18	6.97	MAY 19	8.88	AUG 7	12.87
JAN 24	8.47	APR 7	5.78	JUN 16	11.59		