

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the U.S. Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are sometimes made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at low-flow partial-record stations are presented in the following table. Discharge measurements made at special study and miscellaneous sites are given in a separate table.

Low-flow partial-record stations

Measurements of streamflow in the area covered by this report made at low-flow partial-record stations are given in the following table. These measurements were made during periods of base flow when streamflow is primarily from ground-water storage. These measurements, when correlated with the simultaneous discharge of a nearby stream where continuous records are available, will give a picture of the low-flow potentiality of a stream. The column headed "Period of record" shows the water years in which measurements were made at the same, or practically the same, site.

Measurements were made at several different sites, at other than base flow conditions. The measurements information is not included in the table, but can be obtained by contacting the U.S. Geological Survey at: Maine District Office, U.S. Geological Survey, Attn: Data Section Chief, 196 Whitten Road, Augusta, ME, 04330.

Discharge measurements made at low-flow partial-record stations during water year 2002

Stream	Tributary to	Location	Drainage area (mi ²)	Measured Previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
ST. JOHN RIVER BASIN						
Unnamed tributary 01012790	North Fork McLean Brook	Lat 47°13'31", long 68°20'24". Aroostook County, downstream end of culvert in Flat Mountains Road, 1.6 miles south of Route 162 near St. Agatha, Maine.	0.56	1999-2002	06-21-02 07-17-02 08-15-02	^a 0.20 ^a 0.34 ^a 0.04
Unnamed tributary 01012800	East Fork Dickey Brook	Lat 47°14'38", long 68°22'03". Aroostook County, downstream end of culvert in Marquis Road, 0.8 miles south of Route 162 near St. Agatha, Maine.	0.38	1999-2002	06-21-02 07-17-02 08-15-02	^a 0.13 0.12 ^a 0.04
Unnamed tributary 01013550	Perley Brook	Lat 47°14'25", long 68°32'32". Aroostook County, downstream end of culvert in North Perley Brook Road, 1.9 mi east of Route 161, near Fort Kent, Maine.	0.39	1999-2002	06-20-02 07-17-02 08-15-02	^a 0.26 ^a 0.13 ^a 0.05
Factory Brook 01014700	St. John River	Lat 47°21'09", long 68°17'53". Aroostook County, 12 ft upstream from culvert in U.S. Highway 1, 1/2 mi upstream from mouth and 1.1 mi east of Madawaska, Maine.	5.96(corrected)	1994-95, 1997-2002	06-21-02 07-17-02 08-15-02	2.48 3.06 0.47
Unnamed Tributary 01015005	Hammond Brook	Lat 47°07'12", long 67°57'49". Aroostook County, downstream end of culvert in Route 1, 1.8 mi south of Van Buren, in Cyr Plantation, Maine.	0.55(corrected)	1997-2002	06-21-02 07-17-02 08-15-02	^a 0.21 ^a 0.37 ^a 0.08
Unnamed tributary 01015007	St. John River	Lat 47°06'17", long 67°53'12". Aroostook County, downstream end of culvert in Route 1A, 4.2 mi south of the junction with Route 1 in Van Buren, Maine.	0.66	1999-2002	06-21-02 07-17-02 08-15-02	^a 0.07 ^a 0.17 ^a 0.007
Martin Brook 01015008	St. John River	Lat 47°04'55", long 67°49'33". Aroostook County, 100 ft below downstream end of culvert in Route 1A, 1.5 mi north of Hamlin, Maine.	12.1	1999-2002	06-21-02 07-17-02 08-15-02	6.54 9.18 1.63
Machias River 01016500	Aroostook River	Lat 46°37'42", long 68°26'07". Aroostook County, 100 ft upstream from highway bridge, 0.8 mi upstream from mouth, 1.5 mi west of Ashland, Maine.	329	1951-83 ^b , 1997-2002	06-20-02 07-17-02 08-15-02	210 458 24.2
Unnamed tributary 01017010	Aroostook River	Lat 46°45'19", long 68°06'30". Aroostook County, downstream end of culvert in Route 164, 2.6 mi east of the bridge over the Aroostook River in Washburn, 0.3 mi west of Cross Road in Crouseville, Maine.	0.44	1999-2002	06-21-02 07-17-02 08-15-02	^a 0.04 0.18 ^a 0.02
Libby Brook 01017050	Presque Isle Stream	Lat 46°41'28", long 68°10'46". Aroostook County, downstream end of culvert in Wadell Road, 1.0 mi northwest of Mapleton, Maine.	2.63(corrected)	1997-2002	06-21-02 07-17-02 08-15-02	0.17 1.32 0.12
Caribou Stream 01017115	Aroostook River	Lat 46°50'54", long 68°02'34". Aroostook County, under the bridge on Route 164 approximately 1.7 mi west of the junction with Route 161 in Caribou, Maine.	43.1	1999-2002	06-21-02 07-17-02 08-15-02	17.9 110 5.96
Nichols Brook 01017295	Little Madawaska River	Lat 46°52'26", long 67°54'09". Aroostook County, 40 ft downstream of Murphy Road, at mouth, 4.6 mi southwest of Limestone, Maine.	1.69(corrected)	1994-95, 1997-2002	06-21-02 07-17-02 08-15-02	0.52 1.00 0.18
Nichols Brook 01017300	Little Madawaska River	Lat 46°51'29", long 67°56'19". Aroostook County, 30 ft downstream of Grimes Mill Road, 3.3 mi east of Caribou, Maine.	3.72(corrected)	1994-95, 1997-2002	06-21-02 07-17-02 08-15-02	1.70 2.51 1.05

Discharge measurements made at low-flow partial-record stations during water year 2002

Stream	Tributary to	Location	Drainage area (mi ²)	Measured Previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
ST. JOHN RIVER BASIN--Continued						
Ginn Brook 01017450	Hockenhull Brook	Lat 46°45'53", long 67°54'28", Aroostook County, downstream end of culvert in Ginn Road, 1.3 mi upstream from mouth, 4 mi west of Fort Fairfield, Maine.	6.13(corrected)	1994-95, 1997-2002	06-21-02 07-17-02 08-15-02	3.10 3.85 1.45
Silver Spring Brook 01017515	Limestone Stream	Lat 46°55'12", long 67°49'42", Aroostook County, 100 ft below downstream end of culvert in an unnamed road just upstream of Route 1A, 0.5 mi north of the junction with Route 89 in Limestone, Maine.	2.33	1999-2002	06-21-02 07-17-02 08-15-02	1.15 3.90 0.83
Hilt Brook 01017555	Rocky Brook	Lat 46°33'13", long 67°50'27", Aroostook County, 15 ft upstream of culvert in Kearney Road, 0.4 mi north of East Ridge Road, 3.5 mi northeast of Mars Hill, Maine.	2.48	1999-2002	06-21-02 07-17-02 08-15-02	1.42 2.20 0.68
Unnamed tributary 01017575	Prestile Stream	Lat 46°28'24", long 67°49'38", Aroostook County, downstream end of culvert in Robinson Road, 0.9 mi upstream from mouth, 0.6 mi east of Robinson, Maine.	0.54(corrected)	1997-2002	06-21-02 07-17-02 08-15-02	^a 0.12 ^a 0.17 ^a 0.03
Unnamed tributary 01017600	Young Brook	Lat 46°30'25", long 67°47'39", Aroostook County, downstream end of culvert in Mountain Road, 1.6 mi east of the Blaine Road, near Mars Hill, Maine.	0.45	1999-2002	06-21-02 07-17-02 08-15-02	^a 0.05 ^a 0.04 ^a 0.04
Young Brook 01017610	Prestile Stream	Lat 46°27'12", long 67°47'36", Aroostook County, 60 ft downstream of culvert in East Blaine Road, 0.4 mi north of the junction with Bridgewater Corner Road, near Bridgewater, Maine.	12.0	1999-2002	06-21-02 07-17-02 08-13-02	5.51 8.52 1.90
Marley Brook 01017900	Limestone Brook	Lat 46°08'42", long 68°03'42", Aroostook County, at culvert in U.S. Route 2, 0.4 mi upstream from mouth, and 1.1 mi west of Ludlow, Maine.	1.47	1964-82 ^b 1994-95 1997-2002	06-20-02 06-21-02 07-17-02 08-15-02	0.25 ^a 0.22 1.37 ^a 0.10
Meduxnekeag River 01018000	St. John River	Lat 46°06'17", long 67°52'00", Aroostook County, 0.3 mi downstream from mouth of South Branch Meduxnekeag River.	175	many	06-20-02 08-13-02	104 45.0
Big Brook 01018050	Meduxnekeag River	Lat 46°12'00", long 67°49'09", Aroostook County, at culvert in Carson Road, 0.9 mi upstream from mouth, and 2.4 mi southeast of Littleton, Maine.	14.3(corrected)	1994-95, 1997-2002	06-21-02 07-17-02 08-15-02	9.72 13.4 3.62
Unnamed tributary 01018060	Meduxnekeag River	Lat 46°15'12", long 67°50'22", Aroostook County, at culvert at second tributary in Route 1 north of Littleton Station, Maine.	1.26	1999-2002	06-21-02 07-17-02 08-15-02	0.33 1.09 ^c 0.02
Unnamed tributary 01018070	Meduxnekeag River	Lat 46°13'54", long 67°47'09", Aroostook County, 50 ft below culvert in Campbell Road, 2.6 mi east of Route 1 in Littleton, Maine.	5.07	1999-2002	06-21-02 07-17-02 08-15-02	^a 0.53 2.25 ^a 0.009
Unnamed tributary 01018100	Dead Stream	Lat 46°19'02", long 67°48'02", Aroostook County, downstream end of culvert in Fletcher Road, 2 mi east of Route 1 near Monticello, Maine.	2.09	1999-2002	06-21-02 07-17-02 08-15-02	0.57 1.78 0.11
DENNYS RIVER BASIN						
Venture Brook 01021190	Dennys River	Lat 44°54'14", long 67°17'15", Washington County, 10 ft upstream of bridge on unnamed road, 1.3 mi upstream from the confluence with Dennys River, near Dennysville, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	2.09 0.13 ^c 0.04 ^c 0.08
Cathance Stream 01021225	Dennys River	Lat 44°53'07", long 67°19'02", Washington County, 150 ft upstream of the bridge on route 86, 2.1 mi upstream of inflow to Great Works Pond, in Marion, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	16.3 4.65 2.92 0.66
MACHIAS RIVER BASIN						
Crooked River 01021435	Machias River	Lat 44°55'41", long 67°52'09", Washington County, 40 ft downstream of bridge on unnamed road, 0.9 mi upstream of the confluence with the Machias River, near Beddington, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	16.3 5.88 2.65 2.17

Discharge measurements made at low-flow partial-record stations during water year 2002

Stream	Tributary to	Location	Drainage area (mi ²)	Measured Previously (water years)	Date	Measurements Discharge (ft ³ /s)
MACHIAS RIVER BASIN -- Continued						
Larry Brook 01021458	Mopang Stream	Lat 44°48'11", long 67°49'45", Washington County, downstream end of culvert in unnamed road, 0.2 mi upstream from the confluence with Mopang Stream, near Brewster Corner, Maine.	---	2000-2002	07-08-02 07-25-02 09-10-02	^a 0.16 ^a 0.008 ^a 0.00
Holmes Brook 01021472	Machias River	Lat 44°49'12", long 67°41'04", Washington County, 20 ft upstream of culvert in unnamed road, 1.7 mi upstream of the confluence with the Machias River, near Northfield, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	1.95 0.86 0.50 0.64
Dead Stream 01021475	Old Stream	Lat 44°59'24", long 67°49'24", Washington County, 120ft downstream of culvert in unnamed road, 3.0 mi upstream of the confluence with Old Stream, near Wesley, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	0.33 ^c 0.02 ^c 0.0004 ^c 0.002
Honeymoon Brook 01021478	Old Stream	Lat 44°55'22", long 67°45'50", Washington County, 15ft upstream of the old Route 9 crossing, 2.5 mi upstream of the confluence with Old Stream, near Wesley, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	0.15 ^a 0.04 ^a 0.02 ^a 0.02
Grover Lake Outlet 01021479	Old Stream	Lat 44°56'38", long 67°43'40", Washington County, 25 ft below downstream end of culvert in unnamed road, 0.6 mi upstream of the confluence with Old Stream, near Wesley, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	0.51 0.36 0.26 0.26
Old Stream 01021485	Machias River	Lat 44°50'35", long 67°39'47", Washington County, 20 ft upstream of bridge on unnamed road, 1.4 mi downstream from the confluence with Dan Hill Brook near Northfield, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	39.5 19.2 12.2 7.25
New Stream 01021488	Old Stream	Lat 44°53'52", long 67°40'09", Washington County, under downstream side of bridge on unnamed road, 0.4 mi upstream of the confluence with Huntley Brook, near Wesley, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	2.60 0.53 0.25 0.24
Harmon Brook 01021910	East Machias River	Lat 45°00'32", long 67°36'58", Washington County, 30 ft below downstream end of culvert in Birch Hill Road, 0.3 mi upstream of the confluence with the East Machias River, near Crawford, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	1.05 0.23 0.18 0.26
Northern Stream 01021960	Rocky Lake Stream	Lat 44°56'33", long 67°30'32", Washington County, downstream end of culvert in unnamed road, 1.9 mi downstream from the confluence with Creamer Brook, near Cooper, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	7.83 2.56 0.98 0.40
East Machias River 01022000	Machias River	Lat 44°46'05", long 67°24'30", Washington County, 20 ft upstream of the bridge on Route 191, just downstream from outlet of Hadley Lake, near East Machias, Maine.	---	1927-58 ^b , 2000-2002	07-08-02 07-25-02 08-21-02 09-10-02	134 60.6 25.8 17.1
PLEASANT RIVER BASIN						
Fred Dorr Brook 01022240	Taylor Branch	Lat 44°45'55", long 67°51'33", Washington County, downstream end of culvert in unnamed road, 0.9 mi upstream from the confluence with Taylor Branch, near Crebo Flat, Maine.	---	2000-2002	07-08-02 07-25-02 08-21-02 09-10-02	^a 0.13 ^c 0.03 0 0
Little River 01022264	Pleasant River	Lat 44°41'53", long 67°44'16", Washington County, 40 ft upstream of bridge on unnamed road, 0.6 mi downstream from the confluence with Marst Brook, near Columbia Falls, Maine.	---	2000-2002	07-08-02 07-25-02 08-21-02 09-10-02	4.02 1.22 0.93 0.99
HARRINGTON RIVER BASIN						
Harrington River 01022270	Atlantic Ocean	Lat 44°38'04", long 67°49'46", Washington County, 25 ft upstream of bridge on unnamed road, 0.3 mi downstream from the confluence of Trout Brook and Dorr Brook, near Harrington, Maine.	---	2000-2002	07-08-02 07-25-02 08-21-02 09-10-02	2.69 0.94 0.65 1.15

Discharge measurements made at low-flow partial-record stations during water year 2002

Stream	Tributary to	Location	Drainage area (mi ²)	Measured Previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
NARRAGUAGUS RIVER BASIN						
Humpback Brook 01022286	Narraguagus River	Lat 44°53'06", long 68°08'24", Hancock County, 30 ft below downstream end of culvert in unnamed road, 3.4 mi upstream of the confluence with Narraguagus River, near Beddington, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	2.70 0.42 0.04 0.06
Narraguagus River 01022290	Atlantic Ocean	Lat 44°50'34", long 68°04'10", Washington County, 150 ft upstream of bridge on Route 9, 0.9 mi upstream of Beddington Lake, near Beddington, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	79.5 18.3 4.10 4.14
Pork Brook 01022400	West Branch Narraguagus River	Lat 44°46'17", long 68°05'20", Hancock County, downstream end of culvert in unnamed road, 1.9 mi upstream of the confluence with West Branch Narraguagus River, near Beddington, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	1.12 0.24 ^a 0.07 ^a 0.04
CARD MILL STREAM BASIN						
Card Mill Stream 01022750	Atlantic Ocean	Lat 44°35'48", long 68°10'46", Hancock County, 10 ft downstream from bridge on Donnell Pond Road, at the outlet of Donnell Pond, near Franklin, Maine.	---	2000-2002	07-08-02 07-25-02 08-21-02 09-10-02	10.5 3.52 1.46 0.32
UNION RIVER BASIN						
Alligator Stream 01022950	West Branch Union River	Lat 44°58'14", long 68°13'59", Hancock County, 50 ft upstream of culvert in Stud Mill Road, 0.9 mi downstream from Alligator Lake, near Great Pond, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	7.36 2.78 1.53 0.65
Unnamed trib to Lower Lead Mountain Pond 01023210	Starvation Branch	Lat 44°52'16", long 68°11'23", Hancock County, downstream end of culvert in unnamed road, 0.7 mi upstream from Lower Lead Mountain Pond, near Beddington, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	1.59 0.32 0.11 0.08
Middle Branch Union River 01023400	East Branch Union River	Lat 44°51'42", long 68°17'43", Hancock County, 0.5 mi downstream from bridge on Route 9, 0.7 mi downstream from the confluence with Freeman Brook, near Aurora, Maine.	---	2000-2002	07-08-02 07-25-02	44.4 7.88
Leighton Brook 01023430	Middle Branch Union River	Lat 44°49'18", long 68°14'59", Hancock County, 20 ft below downstream end of culvert in unnamed road, 3.6 mi upstream of the confluence with Middle Branch Union River, near Aurora, Maine.	---	2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	2.11 0.86 ^a 0.18 ^a 0.05
Garland Brook 01024200	Union River	Lat 44°43'17", long 68°24'40", Hancock County, upstream end of culvert in Route 181, 1.2 mi upstream from mouth, near Mariaville, Maine.	---	1964-82 ^b , 2000-2002	07-08-02 07-25-02 08-22-02 09-10-02	2.96 1.22 0.28 0.37
Unnamed trib to Winkumpaug Brook 01025445	Winkumpaug Brook	Lat 44°37'37", long 68°37'42", Hancock County, downstream end of culvert in Winkumpaug Road, just upstream of the confluence with Winkumpaug Brook, near Ellsworth, Maine.	---	2000-2002	07-25-02 08-21-02 09-10-02	^a 0.03 ^a 0.009 ^a 0.00
Winkumpaug Brook 01025450	Branch Lake Stream	Lat 44°37'37", long 68°37'42", Hancock County, 80 ft downstream of culvert in Winkumpaug Road, 1.7 mi above Branch Lake, near Ellsworth, Maine.	---	2000-2002	07-08-02 07-25-02 08-21-02 09-10-02	1.00 0.14 ^a 0.006 ^a 0.01
PENOBSCOT RIVER BASIN						
Web Brook 01030050	Fish Stream	Lat 46°00'05", long 68°26'59", Penobscot County, downstream end of culvert in Waters Road, 0.5 mi upstream from mouth, at Patten, Maine.	1.04	1997-2002	06-20-02 06-21-02 07-17-02 08-15-02	^a 0.51 ^a 0.35 ^a 0.46 ^a 0.08

^a Volumetric measurement^b Operated as a continuous-record gaging station^c Flume measurement

Special study and miscellaneous sites

Discharge measurements in the following table were made at special study and miscellaneous sites throughout the State.

Discharge measurements made at special study and miscellaneous sites during water year 2002

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
ST. JOHN RIVER BASIN						
Prestile Stream 01017560	St. John River	Lat 46°45' 26", long 67°51'12", Aroostook County, at outfall of Mars Hill wastewater treatment plant, 0.3 mi downstream from Rocky Brook, near Mars Hill, Maine.	86.3	1991, 1998-2002	10-30-01	27.1
					08-13-02	32.3
					09-12-02	85.4
KENNEBEC RIVER BASIN						
Kennebec River West Outlet 01041100	Atlantic Ocean	Lat 45°39'08", long 69°44'42", Somerset County, just downstream from West Outlet Dam at Moosehead Lake, near Rockwood, Maine.	1,268	many	10-16-02	92.1
					10-17-02	104
					10-17-02	74.2
					10-17-02	59.5
Wilson Stream 01047730	Kennebec River	Lat 44°36'55", long 70°11'42", Franklin County, 0.1mi upstream from railroad bridge in East Wilton, and 1.5 mi downstream from Varnum Street in East Wilton, Maine.	45.8	many	06-26-02	38.2
					08-06-02	10.0
					08-22-02	6.88
Twentyfive Mile Stream 01049115	Sebasticook River	Lat 44°37'33", long 69°21'28", Kennebec County, just below bridge on the Horseback Road, 0.9 mi north of Route 139, near Unity, Maine.	130	1985, 94, 1997-2002	06-26-02	115
					08-05-02	45.1
					08-22-02	18.2
MOUSAM RIVER BASIN						
Mousam River 01068910	Atlantic Ocean	Lat 43°25'06", long 70°44'19", York County, at Route 4 bridge, 4.2 mi upstream from Estes Lake, in Sanford, Maine.	44.0	1995 1997-2002	11-08-01	19.3
					06-11-02	84.6
					06-11-02	90.2
					07-19-02	22.7
Mousam River 01069600	Atlantic Ocean	Lat 43°23'05", long 70°32'34", York County, 500 ft below Route 1 Bridge in Kennebunk, Maine.	108	1999-2002	11-08-01	7.61
					06-11-02	157
					07-19-02	9.03

GROUND-WATER RECORDS

ANDROSCOGGIN COUNTY

440213070203201 Local number, ANW 1135

LOCATION.--Lat 44°02'13", long 70°20'32", Hydrologic Unit 01040002, about 0.5 mi northeast of Poland Spring. Owner: U.S. Geological Survey.

AQUIFER.--Bedrock of Devonian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 150 ft, cased to bedrock, open end.

INSTRUMENTATION.--Electronic water-level recorder.

DATUM.--Elevation of land-surface datum is 310 ft (corrected) above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.7 ft above land-surface datum.

REMARKS.--Missing record, June 12 and Aug. 27 due to pumping for water quality sampling.

PERIOD OF RECORD.--January 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.14 ft below land-surface datum, Apr. 24, 2001; lowest recorded, 11.17 ft below land-surface datum, Feb. 9, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

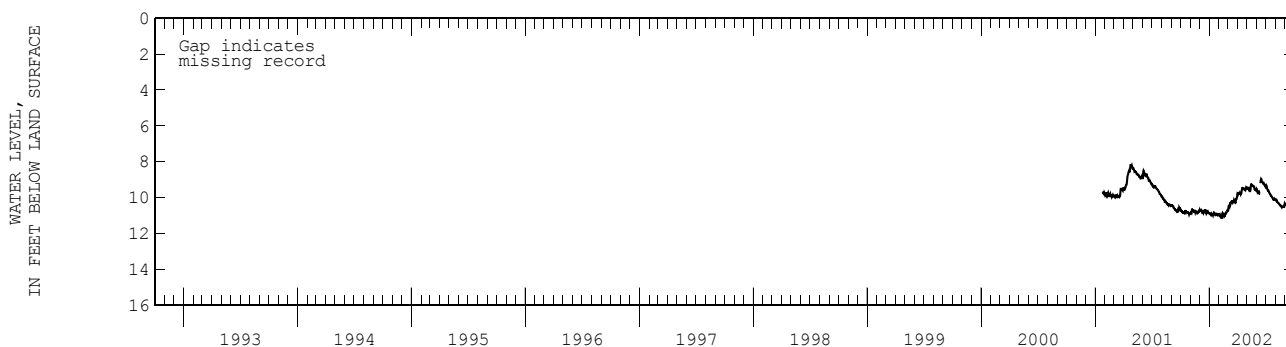
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.66	10.86	10.67	10.91	10.89	10.74	9.81	9.46	9.51	9.36	10.15	10.38
2	10.71	10.84	10.71	10.92	11.00	10.72	9.83	9.46	9.55	9.32	10.16	10.36
3	10.75	10.87	10.71	10.91	11.01	10.51	9.78	9.40	9.64	9.36	10.18	10.35
4	10.75	10.88	10.74	10.94	10.98	10.47	9.77	9.51	9.69	9.41	10.19	10.33
5	10.78	10.78	10.74	10.96	11.04	10.47	9.74	9.51	9.65	9.48	10.16	10.36
6	10.77	10.65	10.71	10.94	11.07	10.43	9.74	9.50	9.66	9.54	10.20	10.41
7	10.82	10.65	10.77	10.91	11.05	10.46	9.78	9.50	9.71	9.57	10.24	10.46
8	10.87	10.71	10.83	10.96	11.08	10.51	9.77	9.59	9.73	9.61	10.28	10.46
9	10.86	10.70	10.82	10.93	11.17	10.45	9.72	9.60	9.71	9.59	10.30	10.47
10	10.83	10.70	10.84	10.95	11.09	10.31	9.77	9.55	9.78	9.64	10.31	10.46
11	10.83	10.75	10.84	10.96	10.93	10.30	9.83	9.64	9.78	9.69	10.32	10.46
12	10.85	10.79	10.87	10.99	10.87	10.24	9.79	9.64	---	9.73	10.34	10.58
13	10.87	10.78	10.77	10.88	10.91	10.21	9.77	9.58	9.21	9.75	10.37	10.59
14	10.85	10.75	10.79	10.95	10.95	10.21	9.65	9.32	9.06	9.80	10.39	10.63
15	10.80	10.74	10.80	10.88	10.93	10.23	9.53	9.27	9.03	9.81	10.42	10.58
16	10.83	10.77	10.81	10.90	10.93	10.22	9.48	9.27	8.96	9.86	10.43	10.38
17	10.71	10.85	10.74	10.87	10.97	10.29	9.47	9.28	8.98	9.90	10.44	10.31
18	10.79	10.80	10.67	10.91	11.05	10.25	9.49	9.30	9.05	9.90	10.45	10.35
19	10.80	10.77	10.80	10.95	11.02	10.25	9.47	9.32	9.11	9.93	10.48	10.38
20	10.81	10.78	10.79	10.94	11.01	10.21	9.47	9.34	9.14	9.96	10.52	10.40
21	10.83	10.85	10.83	10.92	10.91	10.13	9.51	9.35	9.15	10.0	10.55	10.44
22	10.85	10.86	10.89	10.98	10.87	10.18	9.52	9.38	9.21	10.01	10.50	10.48
23	10.85	10.89	10.85	10.97	10.88	10.20	9.53	9.38	9.21	10.04	10.52	10.43
24	10.82	10.88	10.79	10.94	10.88	10.25	9.58	9.39	9.20	10.09	10.53	10.41
25	10.81	10.84	10.83	10.95	10.83	10.29	9.56	9.51	9.27	10.11	10.52	10.43
26	10.84	10.77	10.80	10.95	10.79	10.27	9.53	9.52	9.28	10.13	10.56	10.44
27	10.88	10.77	10.78	10.97	10.71	10.10	9.57	9.56	9.30	10.13	---	10.41
28	10.95	10.80	10.82	10.93	10.70	10.10	9.52	9.59	9.32	10.12	10.59	10.35
29	10.91	10.80	10.84	10.94	---	10.09	9.43	9.60	9.37	10.06	10.46	10.39
30	10.91	10.72	10.86	10.99	---	10.0	9.44	9.59	9.40	10.08	10.35	10.39
31	10.92	---	10.89	11.03	---	9.96	---	9.56	---	10.11	10.40	---
LOW	10.95	10.89	10.89	11.03	11.17	10.74	9.83	9.64	---	10.13	---	10.63
HIGH	10.66	10.65	10.67	10.87	10.70	9.96	9.43	9.27	---	9.32	---	10.31

GROUND-WATER RECORDS

ANDROSCOGGIN COUNTY--Continued

440213070203201 Local number, ANW 1135--Continued

PERIOD OF RECORD.-- CHEMICAL ANALYSES: April 2001 to current year.



WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	FLOW RATE (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAMPLING (MIN) (72004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L) (00301)	PH WATER WHOLE FIELD (STAND-ARD) (00400)	PH WATER WHOLE LAB (STAND-ARD) (00403)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	TEMPER-ATURE WATER (DEG C) (00010)
JUN 12...	1345	12.35	310.	.95	247	752	.2	2	8.8	8.6	189	191	8.9
AUG 27...	1500	13.31	310.	.91	352	757	.0	0	8.5	8.0	185	191	9.4

Date	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT.DIS FET LAB (MG/L CACO3) (29801)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	CAR-BONATE WATER DIS IT FIELD (MG/L AS CO3) (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SI02) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)
JUN 12...	57	14.0	5.22	1.56	17.2	86	83	3	6.04	1.2	9.84	3.8	109
AUG 27...	60	15.2	5.43	1.18	16.7	84	80	1	5.82	1.3	12.1	5.4	111

Date	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)
JUN 12...	<.015	<.013	<.002	E.005	.6
AUG 27...	<.015	<.013	<.002	E.006	2.4

0Remark codes used in this report:
 < -- Less than
 E -- Estimated value

GROUND-WATER RECORDS

AROOSTOOK COUNTY

471457068353001 Local number, ARW 890

LOCATION.--Lat 47°14'57", long 68°35'30", Hydrologic Unit 01010003, 0.25 mi southeast of the intersection of State Highways 11 and 161 and U.S. Highway 1, Fort Kent. Owner: U.S. Geological Survey.

AQUIFER.--Glacial sand and gravel (ice-contact deposits) of Pleistocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., Nov. 1976 constructed depth 50 ft, open end, Nov. 1982 measured depth 48 ft.

INSTRUMENTATION.--Electronic water-level recorder. Prior to Oct. 1990, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 530 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Floor of recorder shelter at land-surface datum, which is 3.0 ft above the general land surface.

REMARKS.--Missing record, Dec. 28 to Jan. 15.

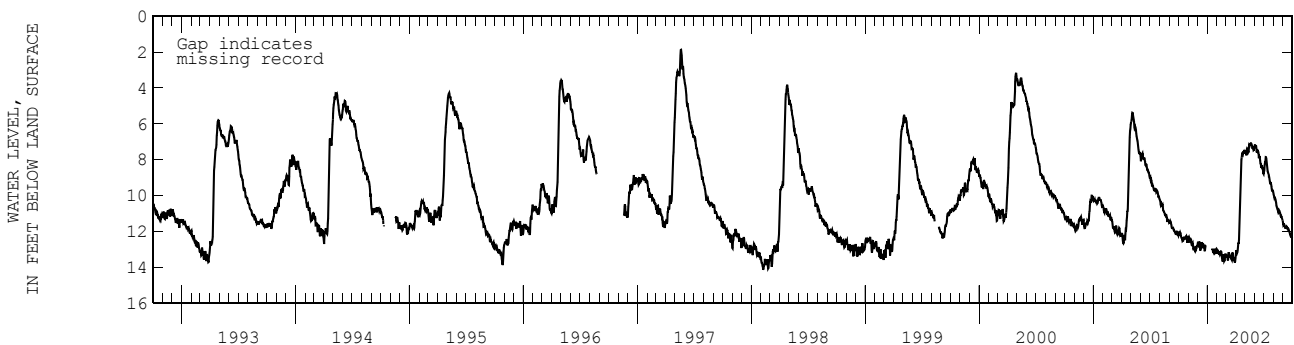
PERIOD OF RECORD.--November 1976 to current year.

REVISED RECORDS.--WDR ME-84-1: 1980, 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.52 ft below land-surface datum, May 2, 1984; lowest recorded, 15.28 ft below land-surface datum, Jan. 22 and 23, 1979.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.12	12.34	12.69	---	13.18	13.33	13.52	7.55	7.26	8.68	9.92	11.64
2	12.09	12.31	12.71	---	13.05	13.47	13.30	7.62	7.19	8.63	9.99	11.60
3	12.15	12.41	12.82	---	13.07	13.40	13.12	7.47	7.19	8.33	10.06	11.63
4	12.13	12.57	12.84	---	13.12	13.31	13.06	7.55	7.27	8.21	10.15	11.63
5	12.14	12.58	12.71	---	13.16	13.40	13.17	7.76	7.26	8.14	10.12	11.63
6	12.07	12.50	12.57	---	13.22	13.45	13.22	7.70	7.21	8.08	10.16	11.69
7	12.12	12.43	12.69	---	13.20	13.55	13.17	7.46	7.39	7.86	10.23	11.80
8	12.26	12.48	12.90	---	13.10	13.62	13.04	7.41	7.59	7.87	10.31	11.80
9	12.31	12.45	13.07	---	13.22	13.51	12.83	7.46	7.48	7.95	10.41	11.80
10	12.37	12.48	12.99	---	13.29	13.17	12.63	7.34	7.48	8.11	10.56	11.80
11	12.39	12.68	12.92	---	13.25	13.22	12.69	7.48	7.55	8.27	10.63	11.76
12	12.45	12.77	12.91	---	13.17	13.26	12.47	7.59	7.53	8.46	10.69	11.73
13	12.54	12.79	12.71	---	13.12	13.29	12.08	7.56	7.57	8.64	10.74	11.76
14	12.52	12.71	12.60	---	13.13	13.32	11.48	7.34	7.72	8.70	10.78	11.83
15	12.43	12.66	12.76	---	13.16	13.45	10.79	7.17	7.91	8.74	10.83	11.88
16	12.44	12.81	12.93	13.03	13.34	13.40	10.31	7.20	7.88	8.80	10.91	11.85
17	12.36	13.00	12.90	12.97	13.51	13.40	9.76	7.11	7.82	8.90	10.98	11.84
18	12.30	13.00	12.70	13.06	13.62	13.49	9.13	7.21	7.84	8.99	10.96	11.88
19	12.37	12.90	12.72	13.15	13.62	13.55	8.43	7.14	8.05	9.11	10.84	11.92
20	12.38	12.90	12.87	13.15	13.69	13.58	8.00	7.09	8.21	9.23	10.87	11.99
21	12.38	12.90	12.80	13.18	13.39	13.36	7.87	7.09	8.22	9.29	10.92	12.03
22	12.40	13.02	12.87	13.10	13.27	13.18	7.70	7.12	8.37	9.28	10.96	12.13
23	12.37	12.98	13.06	13.02	13.42	13.26	7.62	7.19	8.45	9.30	11.06	12.16
24	12.30	13.08	13.11	13.01	13.66	13.39	7.62	7.25	8.30	9.39	11.16	12.21
25	12.30	13.05	12.91	13.11	13.62	13.51	7.66	7.34	8.43	9.50	11.18	12.26
26	12.26	12.94	12.81	13.22	13.42	13.66	7.57	7.40	8.48	9.60	11.16	12.30
27	12.32	12.93	12.82	13.21	13.30	13.52	7.55	7.33	8.41	9.71	11.20	12.32
28	12.45	12.84	---	13.07	13.24	13.45	7.66	7.36	8.51	9.70	11.27	12.29
29	12.64	12.83	---	13.03	---	13.59	7.59	7.47	8.76	9.70	11.33	12.34
30	12.44	12.79	---	13.11	---	13.74	7.51	7.45	8.79	9.73	11.39	12.38
31	12.40	---	---	13.24	---	13.66	---	7.39	---	9.80	11.52	---
LOW	12.64	13.08	---	---	13.69	13.74	13.52	7.76	8.79	9.80	11.52	12.38
HIGH	12.07	12.31	---	---	13.05	13.17	7.51	7.09	7.19	7.86	9.92	11.60



GROUND-WATER RECORDS

AROOSTOOK COUNTY--Continued

464259067572901 Local number, ARW 906

LOCATION.--Lat 46°42'59", long 67°57'29", Hydrologic Unit 01010004, approximately 3.5 mi northeast of the City of Presque Isle. Owner: U.S. Geological Survey.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in., Oct. 1986 measured depth 40 ft, screened depth 35 to 40 ft, screen slot size 0.006 in.

INSTRUMENTATION.--Electronic water-level recorder. Prior to Oct. 1989, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 431 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 0.88 ft above land-surface datum. Prior to Aug. 31, 1999, Measuring point: Top of casing 2.88 ft above land-surface datum.

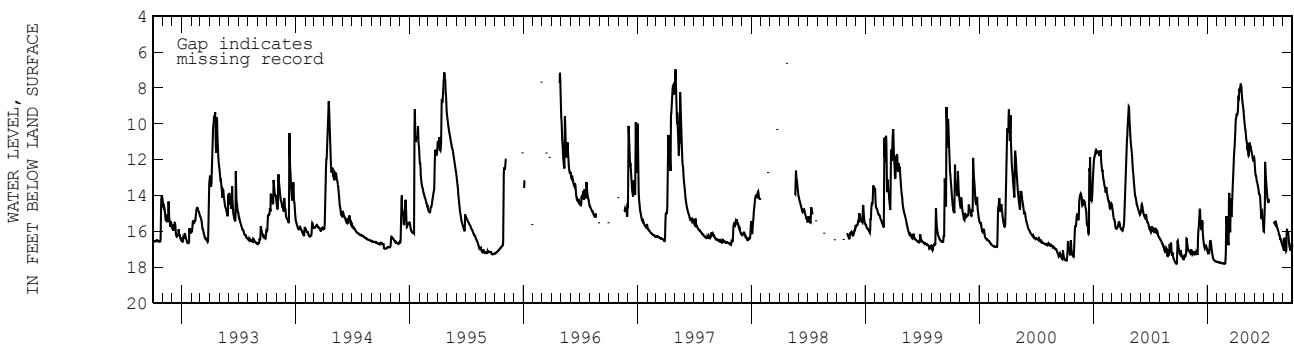
REMARKS.--Missing record, July 18-31.

PERIOD OF RECORD.--November 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.62 ft below land-surface datum, Apr. 24, 1998; lowest recorded, 19.38 ft below land-surface datum, Oct. 1-3, 1988.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.92	17.06	17.10	17.11	17.69	17.08	10.17	10.12	12.05	16.01	15.48	16.93
2	17.02	17.10	16.31	17.18	17.70	15.51	9.74	10.30	12.34	15.43	15.49	17.00
3	17.12	17.12	15.98	17.21	17.71	15.15	9.70	10.38	12.63	14.94	15.51	17.07
4	17.20	17.09	15.82	17.20	17.71	15.55	9.51	10.60	12.82	14.42	15.54	16.93
5	17.27	17.13	15.53	17.16	17.72	15.48	9.52	10.79	12.89	12.12	15.56	16.36
6	17.30	17.15	15.24	17.26	17.73	15.68	9.49	10.91	12.93	12.50	15.60	16.67
7	17.05	17.18	14.86	17.21	17.73	16.18	9.46	10.97	13.05	12.88	15.45	16.86
8	17.16	17.22	14.74	16.96	17.73	16.50	9.37	11.12	13.18	13.12	15.45	16.97
9	17.25	17.18	15.14	16.65	17.74	16.71	9.07	11.33	13.23	13.36	15.54	17.04
10	17.30	17.00	15.54	16.53	17.74	16.77	8.56	11.30	13.30	13.58	15.62	17.11
11	17.34	17.09	15.70	16.53	17.74	14.34	8.59	11.46	13.42	13.87	15.67	17.07
12	17.39	17.16	15.79	16.63	17.75	13.85	8.44	11.67	13.51	14.09	15.75	16.04
13	17.45	17.22	15.92	16.75	17.76	15.06	8.09	11.78	13.61	14.24	15.82	15.86
14	17.50	17.29	15.81	16.91	17.77	15.72	8.05	11.74	13.73	14.31	15.87	16.02
15	17.54	17.27	15.39	17.05	17.77	16.05	8.18	11.24	13.86	14.42	15.91	16.20
16	17.56	17.16	15.55	17.19	17.77	15.46	8.19	11.04	13.90	14.18	15.95	16.01
17	17.56	17.17	15.93	17.31	17.77	14.16	8.02	11.13	13.91	14.37	16.01	16.09
18	17.41	17.26	16.27	17.41	17.78	15.03	7.75	11.29	13.96	---	16.15	16.38
19	17.37	17.28	16.45	17.49	17.78	15.19	7.91	11.28	14.06	---	16.19	16.58
20	17.41	17.22	16.61	17.54	17.78	14.78	7.93	11.36	14.36	---	16.20	16.74
21	17.43	17.11	16.74	17.58	17.78	14.19	8.20	11.45	14.74	---	16.28	16.86
22	17.41	17.19	16.83	17.61	17.79	13.58	8.52	11.54	15.09	---	16.40	16.94
23	17.38	17.25	16.91	17.62	17.79	13.10	8.72	11.61	15.29	---	16.39	16.89
24	17.30	17.27	16.96	17.64	17.79	12.74	8.88	11.69	14.90	---	16.44	16.84
25	17.20	17.27	16.91	17.65	17.80	12.43	9.03	11.81	14.87	---	16.53	16.94
26	16.41	17.24	16.80	17.66	17.80	12.16	9.17	11.90	15.29	---	16.51	17.01
27	16.43	17.15	16.78	17.67	17.79	11.87	9.30	11.96	15.34	---	16.63	17.08
28	16.66	17.18	16.80	17.68	17.55	11.62	9.61	12.02	15.41	---	16.71	16.69
29	16.81	17.22	16.86	17.68	---	11.34	9.80	12.09	15.77	---	16.77	16.64
30	16.92	17.32	16.93	17.69	---	11.05	9.95	11.95	16.00	---	16.81	16.87
31	17.00	---	17.02	17.69	---	10.63	---	11.92	---	---	16.87	---
LOW	17.56	17.32	17.10	17.69	17.80	17.08	10.17	12.09	16.00	---	16.87	17.11
HIGH	16.41	17.00	14.74	16.53	17.55	10.63	7.75	10.12	12.05	---	15.45	15.86



CUMBERLAND COUNTY

435453070013601 Local number, CW 26

LOCATION.--Lat 43°54'53", long 70°01'36", Hydrologic Unit 01060001, 0.3 mi northwest of the intersection of Durham Road and U.S. Highway 1 in Brunswick. Owner: Brunswick and Topsham Water District.

AQUIFER.--Stratified sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 12 in., reported depth 101 ft in 1953, screened 81 to 101 ft, Nov. 1982 measured depth 96 ft.

INSTRUMENTATION.--Electronic water level recorder. Mar. 1990 to Dec. 2000, monthly measurements were published. Oct. 1989 to Mar. 1990 daily mean data were published. Prior to Oct. 1989, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 139 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Electric tape gage index, 2.93 ft above land-surface datum.

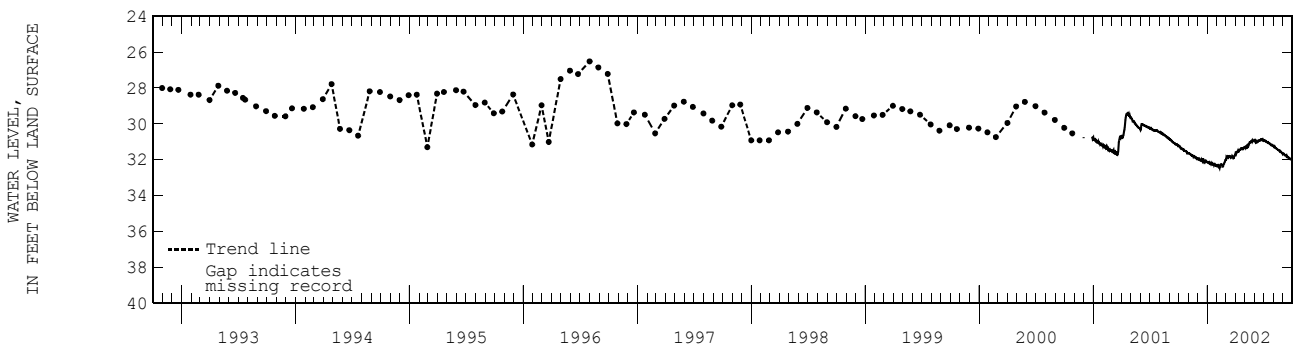
PERIOD OF RECORD.--April 1958 to current year.

REVISED RECORDS.--WDR ME-82-1: 1978, 1981, WDR ME-83-1: 1977, WDR ME-84-1: 1980, 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.95 ft below land-surface datum, June 9, 1984; lowest measured, 36.41 ft below land-surface datum, Feb. 10, 1966.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.21	31.64	31.92	32.16	32.24	32.00	31.67	31.31	30.89	30.91	31.27	31.67
2	31.24	31.64	31.97	32.16	32.36	31.99	31.69	31.29	30.93	30.90	31.28	31.67
3	31.27	31.66	31.96	32.14	32.35	31.83	31.62	31.27	31.00	30.91	31.30	31.67
4	31.28	31.66	31.99	32.16	32.33	31.85	31.63	31.34	31.02	30.92	31.31	31.68
5	31.29	31.66	31.98	32.18	32.37	31.85	31.58	31.30	30.96	30.94	31.28	31.71
6	31.28	31.68	31.95	32.15	32.40	31.83	31.55	31.27	31.00	30.97	31.31	31.74
7	31.33	31.69	31.99	32.14	32.36	31.85	31.56	31.23	31.04	30.99	31.33	31.77
8	31.38	31.71	32.02	32.18	32.40	31.86	31.53	31.29	31.03	31.00	31.36	31.76
9	31.38	31.71	32.02	32.16	32.45	31.82	31.49	31.27	30.98	30.97	31.38	31.76
10	31.36	31.71	32.04	32.18	32.38	31.76	31.54	31.22	31.03	31.00	31.38	31.74
11	31.37	31.75	32.06	32.18	32.31	31.84	31.55	31.29	31.01	31.03	31.39	31.74
12	31.39	31.78	32.06	32.22	32.27	31.82	31.49	31.27	31.00	31.04	31.40	31.82
13	31.42	31.78	31.99	32.15	32.28	31.80	31.46	31.22	30.95	31.04	31.42	31.83
14	31.41	31.76	32.02	32.25	32.28	31.81	31.46	31.14	30.94	31.05	31.44	31.85
15	31.42	31.76	32.08	32.20	32.27	31.83	31.45	31.10	30.92	31.03	31.45	31.84
16	31.45	31.79	32.10	32.25	32.27	31.83	31.43	31.06	30.91	31.07	31.45	31.85
17	31.39	31.83	32.04	32.22	32.30	31.88	31.41	31.02	30.91	31.08	31.46	31.86
18	31.48	31.80	31.93	32.25	32.37	31.86	31.41	31.02	30.93	31.07	31.46	31.89
19	31.48	31.80	32.09	32.26	32.37	31.87	31.36	31.03	30.93	31.11	31.48	31.89
20	31.48	31.79	32.07	32.26	32.37	31.84	31.36	30.99	30.92	31.13	31.53	31.90
21	31.50	31.85	32.12	32.24	32.33	31.80	31.38	30.97	30.88	31.14	31.54	31.91
22	31.52	31.87	32.14	32.30	32.27	31.84	31.36	30.98	30.89	31.12	31.52	31.94
23	31.52	31.90	32.11	32.26	32.23	31.86	31.36	30.94	30.86	31.14	31.54	31.95
24	31.51	31.90	32.08	32.25	32.19	31.89	31.39	30.91	30.86	31.19	31.54	31.97
25	31.52	31.89	32.12	32.30	32.14	31.93	31.36	30.99	30.89	31.20	31.56	31.98
26	31.55	31.88	32.08	32.32	32.11	31.91	31.34	30.97	30.85	31.20	31.59	31.97
27	31.58	31.91	32.06	32.33	32.04	31.84	31.38	30.96	30.84	31.18	31.62	31.95
28	31.63	31.94	32.08	32.30	32.02	31.83	31.32	30.96	30.88	31.19	31.64	31.98
29	31.61	31.93	32.10	32.32	---	31.81	31.30	30.95	30.94	31.19	31.63	32.02
30	31.64	31.91	32.12	32.36	---	31.76	31.31	30.91	30.95	31.21	31.64	32.00
31	31.64	---	32.14	32.36	---	31.74	---	30.89	---	31.24	31.69	---
LOW	31.64	31.94	32.14	32.36	32.45	32.00	31.69	31.34	31.04	31.24	31.69	32.02
HIGH	31.21	31.64	31.92	32.14	32.02	31.74	31.30	30.89	30.84	30.90	31.27	31.67



GROUND-WATER RECORDS

CUMBERLAND COUNTY--Continued

435039070261101 Local number, CW 1983

LOCATION.--Lat 43°50'32", long 70°26'12", Hydrologic Unit 01060001, about .5 mi northeast of North Windham. Owner: U.S. Geological Survey.

AQUIFER.--Glacial sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored water-table observation well, diameter 2 in., depth 37 ft, screened depth 32 ft to 37 ft, screen slot size 0.008 in.

INSTRUMENTATION.--Electronic water-level recorder.

DATUM.--Elevation of land-surface datum is 307.80 ft above National Geodetic Vertical Datum of 1929. Measuring Point: Top of casing, 2.50 ft above land-surface datum.

REMARKS.--Missing record, Feb. 13-28, Apr. 22, and Apr. 25 to July 22.

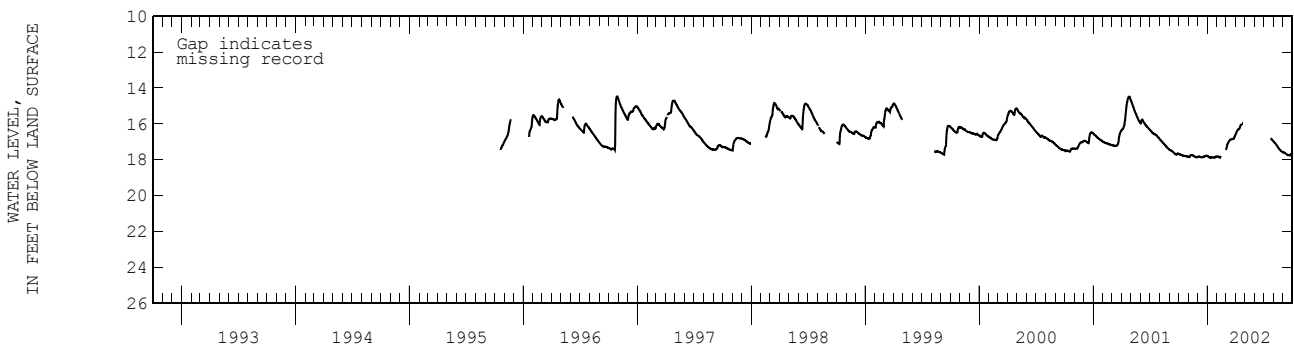
PERIOD OF RECORD.--October 1995 to current year. Records prior to October 1999 have not been published but are available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.47 ft below land-surface datum, Oct. 27-28, 1996; lowest measured, 17.89 ft below land-surface datum, Jan. 12-13, 22-24, and Feb. 10, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.66	17.84	17.84	17.79	17.82	17.46	16.62	---	---	---	16.98	17.59
2	17.68	17.84	17.83	17.81	17.82	17.42	16.58	---	---	---	17.00	17.59
3	17.69	17.84	17.82	17.82	17.82	17.37	16.54	---	---	---	17.02	17.60
4	17.70	17.85	17.82	17.83	17.83	17.29	16.50	---	---	---	17.04	17.60
5	17.70	17.84	17.82	17.84	17.83	17.21	16.44	---	---	---	17.06	17.61
6	17.71	17.80	17.82	17.85	17.84	17.15	16.41	---	---	---	17.08	17.62
7	17.72	17.77	17.83	17.86	17.85	17.11	16.37	---	---	---	17.10	17.63
8	17.72	17.75	17.83	17.87	17.87	17.07	16.34	---	---	---	17.12	17.64
9	17.73	17.74	17.84	17.87	17.88	17.04	16.32	---	---	---	17.15	17.65
10	17.74	17.74	17.85	17.88	17.89	17.01	16.30	---	---	---	17.17	17.67
11	17.75	17.74	17.86	17.88	17.85	16.98	16.29	---	---	---	17.19	17.68
12	17.75	17.74	17.86	17.89	17.78	16.95	16.28	---	---	---	17.22	17.70
13	17.76	17.74	17.87	17.89	---	16.92	16.27	---	---	---	17.25	17.71
14	17.77	17.75	17.87	17.88	---	16.90	16.25	---	---	---	17.28	17.73
15	17.78	17.76	17.87	17.87	---	16.89	16.21	---	---	---	17.30	17.74
16	17.78	17.77	17.86	17.86	---	16.88	16.16	---	---	---	17.33	17.75
17	17.78	17.78	17.85	17.86	---	16.87	16.12	---	---	---	17.35	17.74
18	17.78	17.79	17.85	17.86	---	16.86	16.09	---	---	---	17.37	17.74
19	17.78	17.80	17.84	17.86	---	16.86	16.05	---	---	---	17.39	17.74
20	17.79	17.81	17.84	17.87	---	16.85	16.02	---	---	---	17.42	17.75
21	17.79	17.82	17.83	17.88	---	16.84	16.01	---	---	---	17.44	17.75
22	17.79	17.83	17.83	17.89	---	16.84	---	---	---	---	17.46	17.76
23	17.80	17.84	17.82	17.89	---	16.83	15.98	---	---	m16.79	17.48	17.75
24	17.80	17.85	17.82	17.89	---	16.83	15.98	---	---	16.82	17.49	17.72
25	17.81	17.86	17.81	17.88	---	16.84	---	---	---	16.84	17.51	17.70
26	17.81	17.86	17.79	17.86	---	16.84	---	---	---	16.86	17.52	17.69
27	17.81	17.86	17.78	17.84	---	16.82	---	---	---	16.88	17.54	17.68
28	17.82	17.86	17.77	17.83	---	16.78	---	---	---	16.90	17.56	17.66
29	17.82	17.86	17.77	17.82	---	16.74	---	---	---	16.92	17.57	17.63
30	17.83	17.86	17.78	17.82	---	16.70	---	---	---	16.93	17.58	17.61
31	17.83	---	17.79	17.82	---	16.66	---	---	---	16.96	17.59	---
LOW	17.83	17.86	17.87	17.89	---	17.46	---	---	---	---	17.59	17.76
HIGH	17.66	17.74	17.77	17.79	---	16.66	---	---	---	---	16.98	17.59

m Measured



GROUND-WATER RECORDS

FRANKLIN COUNTY

44430207025401, FW916

LOCATION.--Lat 44°43'02", long 70°25'24", Hydrologic Unit 01030002, about 1.3 mi north of Weld. Owner: U.S. Geological Survey.

AQUIFER.--Bedrock of Devonian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 150 ft, cased to bedrock, open end.

INSTRUMENTATION.--Electronic water level recorder.

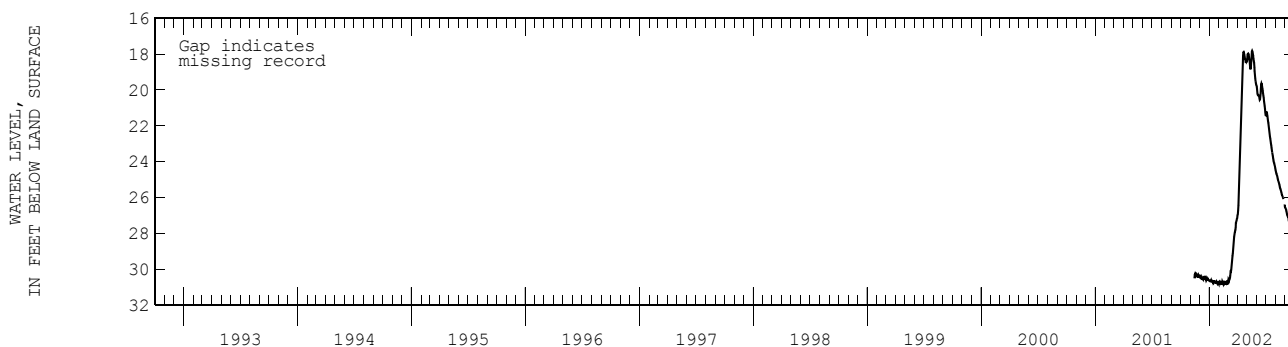
DATUM.--Elevation of land-surface datum is 1142 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.00 ft above land-surface datum.

PERIOD OF REOCD.--November 2001 to September 2002.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.81 ft below land-surface datum, May 18, 2002; lowest recorded, 30.87 ft below land-surface datum, Feb. 9, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	30.35	30.66	30.65	30.81	27.01	18.40	19.74	21.42	24.46	26.57
2	---	---	30.44	30.66	30.72	30.79	26.95	18.26	19.82	21.35	24.54	26.60
3	---	---	30.46	30.65	30.75	30.57	26.73	18.02	20.02	21.25	24.62	26.65
4	---	---	30.49	30.66	30.71	30.60	26.43	17.98	20.21	21.24	24.70	26.69
5	---	---	30.47	30.67	30.76	30.64	25.93	17.96	20.26	21.33	24.73	26.76
6	---	---	30.41	30.65	30.79	30.59	25.25	17.98	20.30	21.46	24.78	26.86
7	---	---	30.46	30.60	30.76	30.54	24.62	18.00	20.32	21.59	24.87	26.94
8	---	---	30.52	30.66	30.77	30.50	24.01	18.16	20.32	21.74	24.96	26.99
9	---	---	30.52	30.64	30.87	30.35	23.45	18.31	20.31	21.85	25.03	27.04
10	---	---	30.55	30.65	30.80	30.13	23.02	18.38	20.44	22.01	25.08	27.08
11	---	---	30.55	30.67	30.67	30.14	22.63	18.61	20.54	22.17	25.14	27.10
12	---	---	30.57	30.70	30.72	30.03	22.04	18.77	20.52	22.32	25.21	27.25
13	---	---	30.45	30.62	30.76	29.84	21.42	18.84	20.34	22.46	25.28	27.34
14	---	30.51	30.46	30.74	30.81	29.65	20.85	18.68	20.17	22.61	25.36	27.43
15	---	30.31	30.50	30.70	30.76	29.48	20.20	18.36	20.94	22.71	25.42	27.43
16	---	30.26	30.56	30.70	30.73	29.25	19.44	18.07	19.71	22.85	25.47	27.43
17	---	30.33	30.49	30.68	30.75	29.12	18.81	17.86	19.63	22.98	25.54	27.51
18	---	30.27	30.38	30.70	30.84	28.90	18.40	17.81	19.68	23.09	25.59	27.60
19	---	30.24	30.50	30.74	30.82	28.68	18.07	17.85	19.80	23.23	25.65	27.66
20	---	30.24	30.51	30.72	30.80	28.46	17.89	17.98	19.93	23.35	25.73	27.70
21	---	30.32	30.56	30.70	30.71	28.20	17.87	18.09	20.04	23.48	25.83	27.76
22	---	30.36	30.63	30.75	30.72	28.08	17.93	18.25	20.19	23.59	25.85	27.82
23	---	30.42	30.60	30.74	30.78	27.96	18.00	18.38	20.32	23.68	25.91	27.89
24	---	30.42	30.53	30.70	30.81	27.87	18.15	18.48	20.44	23.82	25.96	27.97
25	---	30.37	30.58	30.74	30.78	27.79	18.25	18.74	20.63	23.91	26.01	28.02
26	---	30.33	30.58	30.77	30.73	27.67	18.30	18.94	20.77	23.99	26.09	28.05
27	---	30.38	30.54	30.81	30.63	27.42	18.41	19.14	20.89	24.04	---	28.03
28	---	30.41	30.57	30.76	30.70	27.37	18.41	19.35	21.05	24.11	26.45	28.02
29	---	30.42	30.59	30.76	---	27.32	18.32	19.50	21.26	24.17	26.44	28.16
30	---	30.35	30.61	30.79	---	27.20	18.43	19.61	21.41	24.25	26.44	28.20
31	---	---	30.64	30.82	---	27.16	---	19.69	---	24.36	26.54	---
LOW	---	---	30.64	30.82	30.87	30.81	27.01	19.69	21.41	24.36	---	28.20
HIGH	---	---	30.35	30.60	30.63	27.16	17.87	17.81	19.63	21.24	---	26.57



GROUND-WATER RECORDS

FRANKLIN COUNTY--Continued

44430207025401, FW916--Continued

PERIOD OF REOCDR.--November 2001 to September 2002.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	FLOW RATE (G/M) (00059)	PUMP OR FLOW PERIOD PRIOR TO SAM- PLING (MIN) (72004)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	TEMPER- ATURE WATER (DEG C) (00010)
NOV 13...	1405	32.19	1142	.80	170	746	1.1	9	7.2	7.5	123	140	7.3
JUN 13...	1330	22.28	1142	.80	182	730	1.0	9	7.2	7.3	149	150	7.9
AUG 26...	1245	28.07	1142	.78	168	730	.5	4	7.1	7.6	140	146	7.9

Date	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ALKA- LINITY WAT.DIS FET LAB (MG/L CACO3) (29801)	ALKA- LINITY WAT DIS TOT IT FIELD AS (MG/L CACO3) (39086)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
NOV 13...	52	15.5	3.33	2.32	5.52	60	48	1.91	.4	16.7	8.8	84	<.015
JUN 13...	56	16.5	3.64	2.53	5.54	62	59	1.50	.3	17.7	10.1	93	<.015
AUG 26...	56	16.6	3.59	2.43	5.73	62	57	1.41	.3	17.3	10.0	92	<.015

Date	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)
NOV 13...	.034	<.002	.026	<.2
JUN 13...	.026	<.002	.022	<.2
AUG 26...	.026	<.002	.025	<.2

0Remark codes used in this report:
 < -- Less than

GROUND-WATER RECORDS

HANCOCK COUNTY

444950068220602 Local number, HW 1A

LOCATION.--Lat 44°49'55", long 68°21'59", Hydrologic Unit 01050002, on State Highway 9, 0.25 mi west of the intersection with State Highway 181 in Amherst. Owner: U.S. Geological Survey.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in., depth 47 ft, screened depth 37 ft to 47 ft, screen slot size 0.006 in.

INSTRUMENTATION.--Electronic water-level recorder.

DATUM.--Elevation of land-surface datum is 344 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.49 ft above land-surface datum.

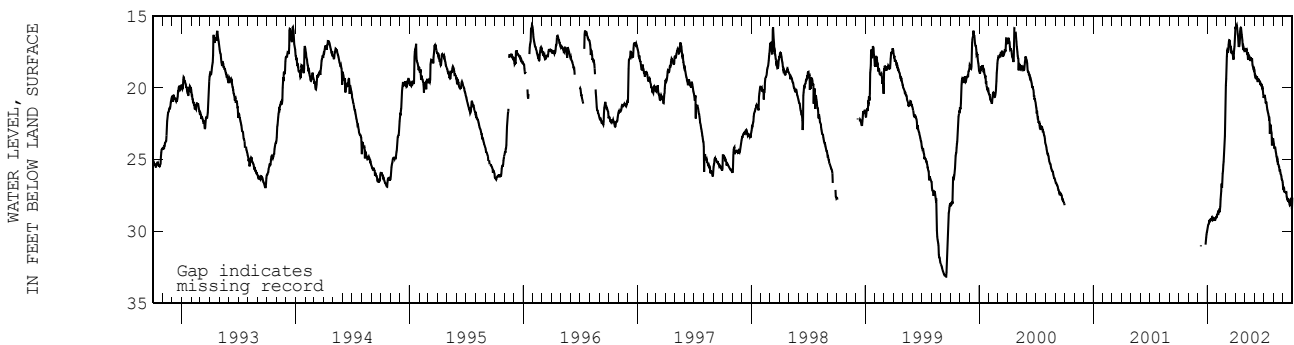
PERIOD OF RECORD.--November 1989 to Sept. 2000, December 2001 to September 2002.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.61 ft below land-surface datum, Jan. 28, 1996 and April 5, 2002; lowest recorded, 33.16 ft below land-surface datum, Sept. 16, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	29.83	28.78	19.79	15.71	17.37	18.73	20.61	23.77	27.06
2	---	---	---	29.71	28.88	19.36	15.88	17.37	19.09	20.59	23.89	27.10
3	---	---	---	29.57	28.80	18.53	15.68	17.21	19.16	20.48	24.10	26.96
4	---	---	---	29.51	28.63	17.83	15.65	17.49	19.29	20.58	24.24	26.98
5	---	---	---	29.48	28.64	17.43	15.61	17.40	19.31	20.65	24.17	27.24
6	---	---	---	29.42	28.67	17.31	15.77	17.31	19.20	20.79	24.11	27.25
7	---	---	---	29.31	28.55	17.31	16.02	17.29	19.23	21.07	24.29	27.25
8	---	---	---	29.31	28.58	17.55	16.24	17.59	19.27	21.01	24.45	27.26
9	---	---	---	29.22	28.66	17.34	16.37	17.62	19.19	20.95	24.57	27.30
10	---	---	---	29.19	28.46	16.98	16.72	17.61	19.44	21.14	24.77	27.29
11	---	---	m31.01	29.18	28.26	16.76	17.12	17.97	19.58	21.35	24.83	27.28
12	---	---	---	29.27	27.76	16.66	17.08	17.97	19.50	21.51	24.99	27.57
13	---	---	---	29.11	27.49	16.68	17.07	17.96	19.34	21.59	24.93	27.67
14	---	---	---	29.27	27.18	16.76	16.91	17.72	19.40	21.70	25.08	27.75
15	---	---	---	29.12	26.87	17.04	16.55	17.76	19.50	21.79	25.34	27.72
16	---	---	---	29.16	26.66	17.11	16.03	17.82	19.51	21.91	25.29	27.77
17	---	---	---	29.08	26.96	17.33	15.82	17.85	19.51	22.05	25.34	27.72
18	---	---	---	29.15	26.51	17.29	15.79	17.93	19.52	21.99	25.46	27.96
19	---	---	---	29.21	25.98	17.51	15.82	18.12	19.67	22.23	25.49	27.90
20	---	---	---	29.18	25.79	17.49	16.04	17.99	19.66	23.20	25.73	27.97
21	---	---	---	29.12	25.36	17.48	16.26	17.96	19.77	22.60	25.72	28.12
22	---	---	---	29.18	25.14	17.56	16.45	18.06	19.80	22.59	25.72	28.19
23	---	---	---	29.18	24.79	17.67	16.65	17.97	19.71	22.63	25.92	28.17
24	---	---	---	29.14	24.34	17.81	17.03	17.98	19.79	22.99	25.99	28.15
25	---	---	---	29.26	23.80	17.98	17.16	18.35	19.96	23.05	26.04	27.92
26	---	---	30.93	29.21	23.35	18.01	17.12	18.42	20.03	23.19	26.18	27.76
27	---	---	30.67	29.16	22.51	17.56	17.26	18.49	20.00	24.01	26.37	27.79
28	---	---	30.42	29.04	20.77	17.28	17.32	18.59	20.27	23.54	26.40	27.73
29	---	---	30.22	29.01	---	17.09	17.25	18.70	20.51	23.56	26.45	28.46
30	---	---	30.06	29.01	---	16.64	17.35	18.75	20.69	23.61	26.58	27.65
31	---	---	29.97	29.01	---	16.18	---	18.67	---	23.59	26.87	---
LOW	---	---	---	29.83	28.88	19.79	17.35	18.75	20.69	24.01	26.87	28.46
HIGH	---	---	---	29.01	20.77	16.18	15.61	17.21	18.73	20.48	23.77	26.96

m Measured



GROUND-WATER RECORDS

KENNEBEC COUNTY

441849069442001, KW 52

LOCATION.--Lat 44°18'49", long 69°44'20", Hydrologic Unit 01030003, on Cony Road, 0.3 mi south of State Highway 105, in Augusta.
Owner: Walter Panek.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.-- Dug water-table observation well, diameter 36 in., depth 22 ft, cased with rock to 22 ft, open end.

INSTRUMENTATION.--Electronic water level recorder. Prior to Dec. 2000, monthly measurement with chalked steel tape by USGS personnel. Prior to Oct. 1989, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929, from topographic map.
Measuring point: Top of concrete well at land-surface datum.

REMARKS.--Missing record, Oct. 1 to Nov. 19 and Sept. 18-30.

PERIOD OF RECORD.--December 1960 to current year.

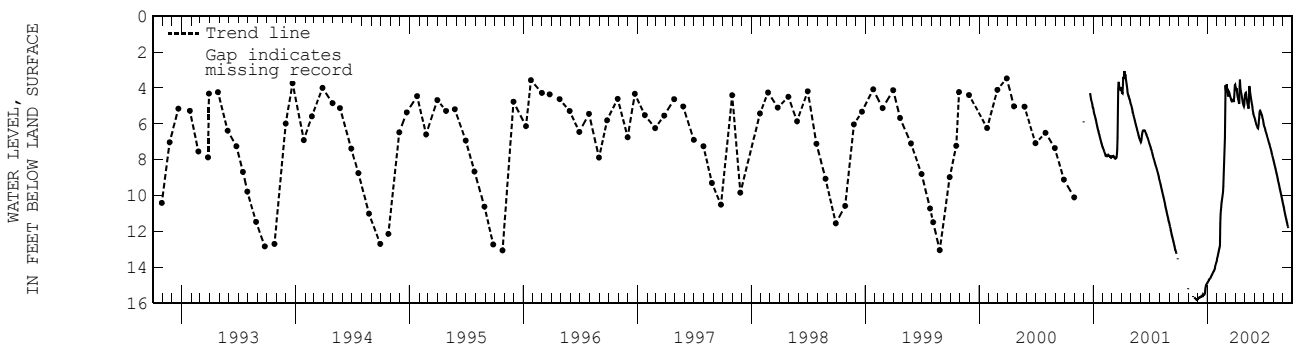
REVISED RECORDS.--WRD ME-82-1: 1978, 1979, 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.91 ft below land-surface datum, May 12, 1989; lowest recorded 15.83 ft below land-surface datum, Nov. 28-29, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	15.76	14.86	13.54	4.10	3.95	4.40	5.63	6.08	8.04	10.54
2	---	---	15.76	14.83	13.48	4.25	3.99	4.38	5.69	6.14	8.12	10.61
3	---	---	15.73	14.80	13.40	3.89	4.13	4.27	5.77	6.18	8.20	10.68
4	---	---	15.72	14.77	13.29	3.78	4.01	4.25	5.85	6.23	8.27	10.77
5	---	---	15.70	14.75	13.21	4.07	4.11	4.35	5.92	6.28	8.34	10.85
6	---	---	15.67	14.72	13.13	4.21	4.26	4.47	5.98	6.35	8.41	10.94
7	---	---	15.67	14.68	13.03	4.32	4.40	4.57	6.04	6.41	8.49	11.03
8	---	---	15.68	14.67	12.95	4.40	4.50	4.70	6.09	6.47	8.57	11.12
9	---	---	15.67	14.63	12.88	4.46	4.58	4.83	6.12	6.52	8.66	11.19
10	---	---	15.66	14.61	12.79	4.39	4.65	4.90	6.18	6.59	8.74	11.27
11	---	---	15.66	14.59	11.56	4.20	4.76	4.99	6.24	6.65	8.81	11.34
12	---	---	15.65	14.57	11.04	4.24	4.83	5.09	6.25	6.72	8.89	11.43
13	---	---	15.61	14.52	10.81	4.33	4.88	5.14	6.14	6.78	8.97	11.51
14	---	---	15.62	14.49	10.64	4.38	3.87	4.77	5.98	6.85	9.05	11.59
15	---	---	15.62	14.43	10.49	4.46	3.53	3.89	5.85	6.91	9.13	11.66
16	---	m15.64	15.62	14.41	10.34	4.50	3.72	3.96	5.68	6.97	9.20	11.73
17	---	---	15.59	14.37	10.22	4.58	4.00	4.13	5.42	7.04	9.27	11.81
18	---	---	15.53	14.34	10.09	4.65	4.15	4.29	5.28	7.10	9.35	---
19	---	---	15.57	14.30	9.96	4.69	4.26	4.39	5.25	7.17	9.44	---
20	---	15.68	15.56	14.27	9.83	4.74	4.33	4.52	5.29	7.23	9.53	---
21	---	15.70	15.55	14.23	9.49	4.73	4.44	4.63	5.33	7.29	9.61	---
22	---	15.73	15.54	14.20	8.93	4.68	4.55	4.75	5.40	7.34	9.68	---
23	---	15.75	15.52	14.17	8.35	4.65	4.65	4.86	5.45	7.40	9.77	---
24	---	15.77	15.47	14.12	7.83	4.67	4.77	4.95	5.48	7.48	9.85	---
25	---	15.77	15.27	14.03	7.37	4.72	4.86	5.08	5.56	7.55	9.93	---
26	---	15.77	15.13	13.97	6.81	4.78	4.92	5.19	5.63	7.62	10.02	---
27	---	15.80	15.05	13.91	5.06	4.72	4.98	5.29	5.69	7.69	10.10	---
28	---	15.83	15.00	13.84	3.84	4.50	5.02	5.39	5.77	7.76	10.19	---
29	---	15.83	14.97	13.78	---	4.18	4.95	5.48	5.88	7.83	10.28	---
30	---	15.82	14.93	13.73	---	3.85	4.63	5.54	6.00	7.90	10.36	---
31	m15.20	---	14.89	13.65	---	3.82	---	5.60	---	7.97	10.46	---
MEAN	---	---	15.50	14.36	10.51	4.39	4.42	4.74	5.76	6.98	9.22	---
LOW	---	---	15.76	14.86	13.54	4.78	5.02	5.60	6.25	7.97	10.46	---
HIGH	---	---	14.89	13.65	3.84	3.78	3.53	3.89	5.25	6.08	8.04	---

m Measured



KENNEBEC COUNTY--Continued

440918069564001 Local number, KW 766

LOCATION.--Lat 44°09'18", long 69°56'40", Hydrologic Unit 01030003, 690 ft northeast of the intersection of Hallowell Neck Road, Libby Road, and Plains Road, Litchfield. Owner: U.S. Geological Survey.

AQUIFER.--Glacial sand and gravel (ice-contact deposits) of Pleistocene age.

WELL CHARACTERISTICS.--Drilled unconfined observation well, diameter 6 in., depth 62 ft, cased to 59 ft, open end.

INSTRUMENTATION.--Electronic water level recorder. Feb. 1990 to Mar. 2001, monthly measurement with chalked steel tape by USGS personnel. Daily mean data were published for Oct. 1989 to Jan. 1990. Prior to Oct. 1989, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 300 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Floor of recorder shelter, at land-surface datum, which is 2.7 ft above the general land surface.

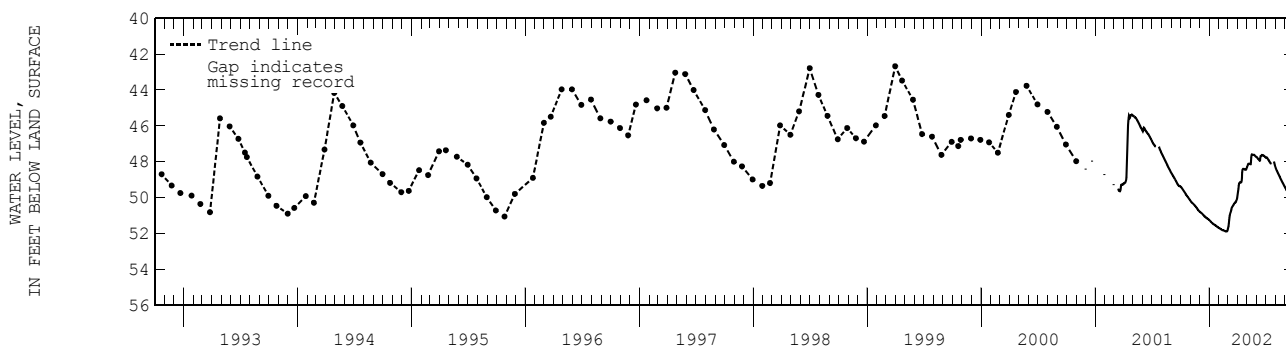
REMARKS.--Record affected by integrity test, July 20-26.

PERIOD OF RECORD.--June 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.76 ft below land-surface datum, June 2, 1984; lowest recorded, 51.89 ft below land-surface datum, Feb. 22-26, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.39	50.18	50.79	51.27	51.70	51.74	49.90	48.33	47.74	47.78	48.31	49.45
2	49.41	50.20	50.80	51.28	51.71	51.68	49.77	48.29	47.75	47.77	48.36	49.48
3	49.43	50.23	50.82	51.30	51.72	51.61	49.64	48.23	47.77	47.76	48.41	49.51
4	49.45	50.25	50.83	51.32	51.73	51.45	49.52	48.19	47.80	47.76	48.45	49.54
5	49.48	50.27	50.84	51.33	51.74	51.26	49.33	48.15	47.82	47.78	48.49	49.57
6	49.50	50.29	50.86	51.35	51.75	51.12	49.23	48.13	47.84	47.81	48.53	49.60
7	49.53	50.30	50.88	51.37	51.77	51.02	49.19	48.11	47.86	47.83	48.57	49.63
8	49.56	50.31	50.89	51.39	51.78	50.95	49.16	48.11	47.88	47.87	48.61	49.66
9	49.58	50.33	50.91	51.40	51.80	50.90	49.15	48.12	47.90	47.89	48.65	49.70
10	49.61	50.34	50.93	51.42	51.81	50.84	49.14	48.12	47.92	47.91	48.68	49.73
11	49.64	50.36	50.95	51.44	51.82	50.78	49.15	48.13	47.94	47.94	48.72	49.76
12	49.67	50.38	50.96	51.46	51.82	50.69	49.15	48.14	47.94	47.97	48.76	49.79
13	49.70	50.40	50.98	51.47	51.82	50.62	49.15	48.14	47.76	48.00	48.79	49.82
14	49.72	50.42	51.00	51.48	51.82	50.57	49.11	48.05	47.69	48.03	48.83	49.85
15	49.75	50.44	51.02	51.50	51.83	50.53	48.89	47.76	47.69	48.06	48.86	49.88
16	49.78	50.46	51.04	51.51	51.84	50.50	48.63	47.64	47.68	48.08	48.90	49.91
17	49.80	50.48	51.06	51.52	51.85	50.47	48.48	47.60	47.65	48.10	48.94	49.91
18	49.83	50.51	51.07	51.53	51.85	50.44	48.42	47.61	47.63	48.11	48.97	49.92
19	49.85	50.53	51.09	51.54	51.86	50.41	48.41	47.61	47.64	48.13	49.00	49.93
20	49.88	50.55	51.10	51.55	51.87	50.39	48.40	47.61	47.64	---	49.04	49.95
21	49.90	50.57	51.12	51.57	51.88	50.35	48.40	47.61	47.64	---	49.08	49.96
22	49.92	50.60	51.13	51.58	51.89	50.32	48.41	47.61	47.65	---	49.11	49.98
23	49.95	50.63	51.14	51.59	51.89	50.30	48.41	47.61	47.66	---	49.15	50.00
24	49.97	50.65	51.16	51.60	51.89	50.28	48.43	47.61	47.66	---	49.18	50.02
25	50.00	50.68	51.17	51.62	51.89	50.27	48.44	47.63	47.68	---	49.22	50.04
26	50.02	50.70	51.18	51.63	51.89	50.27	48.44	47.65	47.69	---	49.25	50.06
27	50.05	50.72	51.19	51.64	51.88	50.24	48.44	47.66	47.70	47.99	49.29	50.08
28	50.07	50.74	51.20	51.65	51.84	50.20	48.44	47.68	47.72	48.06	49.32	50.10
29	50.10	50.76	51.22	51.67	---	50.16	48.42	47.70	47.74	48.13	49.35	50.10
30	50.13	50.77	51.23	51.68	---	50.11	48.39	47.72	47.77	48.20	49.39	50.11
31	50.15	---	51.25	51.69	---	50.02	---	47.73	---	48.26	49.42	---
LOW	50.15	50.77	51.25	51.69	51.89	51.74	49.90	48.33	47.94	---	49.42	50.11
HIGH	49.39	50.18	50.79	51.27	51.70	50.02	48.39	47.60	47.63	---	48.31	49.45



GROUND-WATER RECORDS

KENNEBEC COUNTY--Continued

440810069553601 Local number, KW 872A

LOCATION.--Lat 44°08'17", long 69°55'36", Hydrologic Unit 01030003, on Small Road, 0.40 mi north of State Highway 197, Litchfield. Owner: Stephen Condon.

AQUIFER.--Bedrock of Devonian age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 404 ft, cased to bedrock, open end.

INSTRUMENTATION.--Electronic water level recorder. Dec. 1989 to Dec. 2000, monthly measurement with chalked steel tape by USGS personnel. Daily mean data were published for Oct.-Nov. 1989. Prior to Oct. 1989, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, at land-surface datum, which is 2.2 ft above the general land surface.

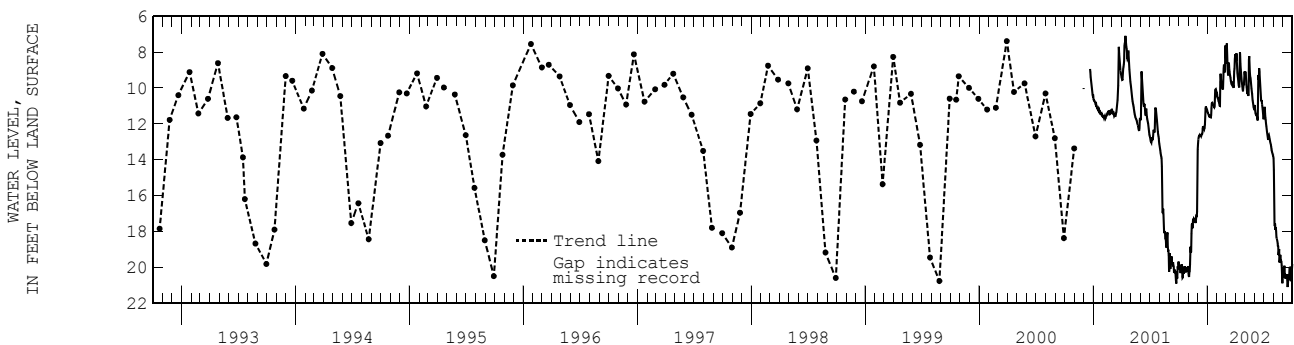
PERIOD OF RECORD.--November 1978 to current year.

REVISED RECORDS.--WDR ME-82-1: 1980, WDR ME-84-1: 1980, 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.47 ft below land-surface datum, May 12, 1989; lowest recorded, 21.10 ft below land-surface datum, Sept. 15, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.68	20.32	13.41	11.31	10.35	8.24	8.11	9.26	10.95	11.63	13.91	20.30
2	19.90	20.47	13.10	11.38	10.48	8.62	8.22	9.37	11.08	11.23	14.57	20.10
3	20.07	20.54	12.88	11.41	10.56	7.81	8.47	9.08	11.25	11.05	16.54	20.28
4	20.07	20.26	12.75	11.46	10.56	7.51	8.06	9.36	11.40	11.20	17.64	20.02
5	20.07	20.22	12.71	11.51	10.66	8.16	8.50	9.61	11.46	11.42	17.65	19.91
6	20.04	19.82	12.64	11.54	10.75	8.59	8.86	9.80	11.48	11.64	17.64	20.36
7	20.33	19.46	12.61	11.53	10.78	8.94	9.15	9.96	11.42	11.80	17.92	20.39
8	19.94	18.85	12.66	11.61	10.84	9.18	9.34	10.17	11.53	11.99	17.78	20.63
9	20.07	19.18	12.65	11.61	10.98	9.30	9.48	10.31	11.60	12.13	17.98	20.43
10	19.84	19.15	12.66	11.62	11.00	8.73	9.65	10.22	11.72	12.29	18.31	20.50
11	19.94	18.13	12.66	11.63	9.66	8.58	9.83	10.35	11.81	12.44	18.40	20.58
12	20.09	17.64	12.70	11.64	9.20	8.90	9.92	10.44	10.81	12.57	18.46	20.39
13	20.58	17.57	12.63	11.52	9.44	9.09	9.97	10.36	9.28	12.70	18.57	20.48
14	20.56	17.83	12.57	11.12	9.67	9.23	8.70	8.41	9.46	12.82	18.68	20.77
15	20.22	17.61	12.56	10.85	9.80	9.32	8.01	8.22	9.53	12.89	18.83	21.10
16	20.15	17.29	12.46	10.82	9.89	9.44	8.10	8.76	8.90	12.67	18.80	20.90
17	20.36	17.39	12.28	10.82	9.88	9.60	8.65	9.14	9.11	12.63	19.33	20.69
18	20.27	17.51	12.14	10.86	10.01	9.68	8.95	9.36	9.48	12.71	19.19	20.40
19	20.06	17.30	12.21	10.95	10.05	9.77	9.16	9.41	9.85	12.82	18.99	20.58
20	19.94	17.33	12.19	10.96	10.08	9.80	9.37	9.62	10.15	12.90	19.74	20.42
21	20.20	17.25	12.22	10.98	9.62	9.75	9.61	9.81	10.41	13.01	19.63	20.03
22	20.17	17.44	12.28	11.06	8.91	9.65	9.77	10.02	10.65	13.07	19.36	20.02
23	20.23	17.46	12.19	11.09	8.69	9.75	9.91	10.19	10.74	13.14	19.31	20.16
24	20.29	17.53	12.06	11.02	8.91	9.86	10.08	10.35	10.68	13.27	19.59	20.70
25	20.17	17.38	11.52	10.44	9.09	9.94	10.18	10.56	10.90	13.38	19.65	20.72
26	20.06	17.16	11.15	10.15	9.13	9.99	9.98	10.68	11.04	13.46	19.68	20.47
27	20.12	17.16	11.03	10.07	8.06	9.59	9.78	10.79	11.19	13.54	19.90	20.54
28	20.26	17.20	11.08	10.06	7.62	9.06	9.78	10.93	11.39	13.61	20.35	20.29
29	19.98	16.89	11.12	10.13	---	8.92	9.43	11.05	11.60	13.67	20.90	20.12
30	20.03	15.04	11.17	10.25	---	8.38	9.07	11.12	11.74	13.74	20.03	19.82
31	19.96	---	11.23	10.37	---	8.19	---	11.09	---	13.82	20.57	---
LOW	20.58	20.54	13.41	11.64	11.00	9.99	10.18	11.12	11.81	13.82	20.90	21.10
HIGH	19.68	15.04	11.03	10.06	7.62	7.51	8.01	8.22	8.90	11.05	13.91	19.82



GROUND-WATER RECORDS

OXFORD COUNTY

443647070552302 Local number, OW 400A

LOCATION.--Lat 44°46'37", long 70°55'23", Hydrologic Unit 01040001, at Middle Dam, Lower Richardson Lake. Owner: U.S. Geological Survey.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in., depth 23.6 ft, screened depth 18.6 to 23.6 ft, screen slot size 0.006 in.

INSTRUMENTATION.--Electronic water level recorder. Prior to Dec. 7, 2001, weekly measurement with chalked steel tape by local observer. Daily mean data were published from Dec. 1999 to Oct. 2000 and from June 1991 to May 1995. Prior to June 1991 and June 1995 to Dec. 1999, monthly measurements were published.

DATUM.--Elevation of land-surface datum is 1,444 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.50 ft above land-surface datum.

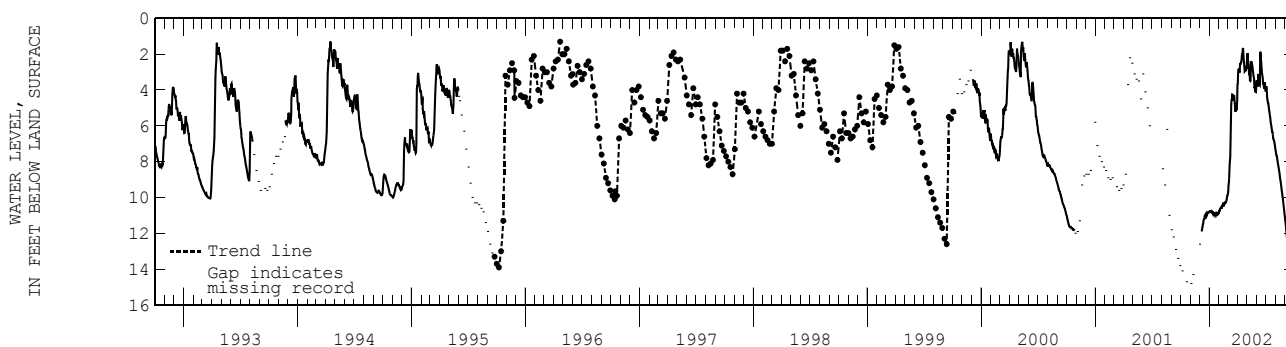
PERIOD OF RECORD.--October 1989 to October 2000. December 2001 to September 2002.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.29 ft below land-surface datum, Apr. 16, 1994; lowest measured, 14.80 ft below land-surface datum, Nov. 4, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	10.81	10.72	9.83	3.70	2.44	3.52	4.03	7.36	11.29
2	---	---	m12.6	10.81	10.78	9.68	3.65	2.13	3.46	3.79	7.46	11.45
3	---	---	---	10.77	10.71	9.34	3.02	1.95	3.69	3.91	7.59	11.62
4	---	m14.8	---	10.79	10.64	9.19	2.86	2.30	3.81	4.14	7.65	11.79
5	---	---	---	10.80	10.63	8.91	2.84	2.42	3.72	4.40	7.69	11.96
6	---	---	---	10.78	10.61	8.48	2.94	2.52	3.27	4.52	7.81	12.14
7	m14.1	---	11.89	10.76	10.55	8.16	3.04	2.62	3.11	4.64	7.94	12.31
8	---	---	11.81	10.80	10.55	7.95	2.98	3.03	3.23	4.73	8.07	12.47
9	---	---	11.69	10.77	10.62	7.68	2.58	3.01	3.34	4.74	8.17	12.64
10	---	---	11.59	10.81	10.51	6.90	2.51	3.03	3.70	4.93	8.27	12.79
11	---	m14.3	11.51	10.82	10.48	5.54	2.57	3.47	3.73	5.07	8.37	12.94
12	---	---	11.43	10.87	10.42	4.81	2.39	3.48	2.66	5.20	8.49	13.11
13	---	---	11.28	10.81	10.46	4.55	2.46	3.40	1.86	5.31	8.60	13.26
14	---	---	11.22	10.97	10.45	4.54	2.26	2.51	2.09	5.46	8.73	13.40
15	---	---	11.21	10.92	10.37	4.26	2.01	2.39	2.33	5.53	8.85	13.53
16	---	---	11.18	10.97	10.33	4.26	1.99	2.51	2.39	5.77	8.96	13.65
17	---	---	11.07	10.93	10.33	4.59	1.99	2.52	2.64	5.87	9.08	13.75
18	---	---	10.97	10.96	10.38	4.41	1.71	2.57	2.94	5.98	9.20	13.82
19	---	---	11.02	10.98	10.34	4.47	1.65	2.74	3.12	6.10	9.34	13.86
20	---	---	10.96	10.96	10.30	4.40	1.98	2.89	3.22	6.23	9.49	13.90
21	m14.7	---	11.00	10.93	10.25	4.28	2.32	3.03	3.34	6.32	9.64	13.95
22	---	---	11.03	11.00	10.25	4.53	2.45	3.21	3.63	6.34	9.75	14.00
23	---	---	10.95	10.95	10.27	4.71	2.71	3.27	3.64	6.48	9.90	14.04
24	---	---	10.89	10.91	10.23	4.99	2.95	3.42	3.73	6.70	10.02	14.09
25	---	---	10.93	10.95	10.13	5.21	2.92	3.87	3.92	6.74	10.17	14.13
26	---	---	10.87	10.97	10.02	5.12	2.88	3.84	3.87	6.76	10.33	14.17
27	---	---	10.83	10.97	9.90	4.76	2.94	3.96	3.57	6.80	10.50	14.18
28	---	---	10.82	10.90	9.88	5.02	2.85	4.07	3.65	6.89	10.66	14.24
29	---	---	10.82	10.87	---	5.13	2.78	4.10	3.93	6.97	10.80	14.30
30	---	---	10.80	10.88	---	4.92	2.82	4.11	4.08	7.10	10.96	14.28
31	---	---	10.81	10.87	---	4.62	---	3.89	---	7.24	11.15	---
LOW	---	---	---	11.00	10.78	9.83	3.70	4.11	4.08	7.24	11.15	14.30
HIGH	---	---	---	10.76	9.88	4.26	1.65	1.95	1.86	3.79	7.36	11.29

m Measured



GROUND-WATER RECORDS

OXFORD COUNTY--Continued

440823070291501 Local number, OW 1214

LOCATION.--Lat 44°08'23", long 70°29'15", Hydrologic Unit 01040002, on State Highway 121, about 0.1 mi east of the intersection with Skeetfield Road, in Oxford. Owner: U.S. Geological Survey.

AQUIFER.--Stratified sand (outwash) of Pleistocene age.

WELL CHARACTERISTICS.--Drilled unconfined observation well, diameter 6 in., Sept. 1980 constructed depth 39 ft, cased with 6-in. steel to 35 ft, screened 35 to 39 ft, screen slot size 0.010 in., November 1982 measured depth 38 ft.

INSTRUMENTATION.--Electronic water-level recorder. Prior to Oct. 1989, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 334 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, at land surface datum, which is 1.2 ft above the general land surface.

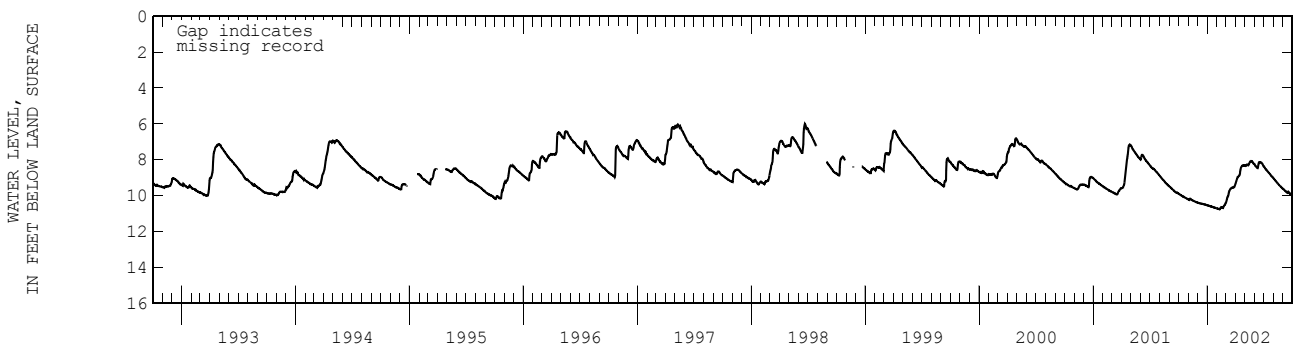
PERIOD OF RECORD.--September 1980 to current year.

REVISED RECORDS.--WDR ME-82-1: 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.07 ft below land-surface datum, corrected, June 3, 1984; lowest recorded, 10.77 ft below land-surface datum, Feb. 9-10, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.89	10.21	10.40	10.54	10.71	10.40	9.35	8.34	8.24	8.38	9.04	9.64
2	9.91	10.22	10.40	10.55	10.73	10.38	9.30	8.33	8.28	8.40	9.06	9.65
3	9.92	10.23	10.41	10.55	10.73	10.32	9.24	8.32	8.32	8.43	9.09	9.66
4	9.93	10.24	10.41	10.56	10.73	10.22	9.19	8.33	8.35	8.45	9.11	9.68
5	9.94	10.22	10.42	10.57	10.74	10.15	9.13	8.32	8.36	8.48	9.12	9.69
6	9.96	10.18	10.42	10.57	10.75	10.10	9.07	8.30	8.38	8.50	9.14	9.71
7	9.97	10.17	10.43	10.57	10.75	10.06	9.03	8.28	8.41	8.52	9.17	9.73
8	9.98	10.18	10.43	10.58	10.76	10.04	8.99	8.30	8.43	8.55	9.19	9.75
9	9.99	10.20	10.44	10.59	10.77	10.01	8.95	8.29	8.44	8.56	9.21	9.76
10	10.00	10.21	10.44	10.59	10.77	9.91	8.94	8.28	8.46	8.58	9.23	9.78
11	10.01	10.23	10.45	10.60	10.73	9.82	8.93	8.31	8.47	8.61	9.25	9.79
12	10.02	10.24	10.45	10.61	10.67	9.77	8.91	8.32	8.41	8.63	9.27	9.81
13	10.04	10.26	10.45	10.61	10.66	9.74	8.89	8.30	8.28	8.65	9.30	9.83
14	10.05	10.27	10.46	10.62	10.65	9.70	8.85	8.25	8.21	8.67	9.32	9.85
15	10.05	10.28	10.46	10.62	10.65	9.64	8.78	8.22	8.17	8.69	9.34	9.86
16	10.06	10.29	10.47	10.63	10.66	9.62	8.68	8.17	8.14	8.71	9.35	9.81
17	10.07	10.30	10.47	10.63	10.67	9.61	8.57	8.13	8.13	8.74	9.37	9.78
18	10.08	10.30	10.47	10.64	10.68	9.59	8.50	8.11	8.13	8.75	9.39	9.80
19	10.09	10.31	10.48	10.65	10.68	9.58	8.44	8.09	8.15	8.78	9.41	9.82
20	10.10	10.32	10.48	10.65	10.69	9.57	8.40	8.08	8.15	8.79	9.43	9.85
21	10.11	10.33	10.49	10.66	10.67	9.56	8.37	8.08	8.15	8.82	9.46	9.87
22	10.12	10.34	10.50	10.67	10.62	9.56	8.35	8.08	8.17	8.84	9.47	9.88
23	10.13	10.35	10.50	10.67	10.58	9.55	8.33	8.08	8.17	8.86	9.49	9.90
24	10.14	10.35	10.50	10.68	10.55	9.55	8.33	8.08	8.18	8.89	9.50	9.91
25	10.15	10.36	10.51	10.68	10.53	9.56	8.32	8.12	8.21	8.91	9.52	9.93
26	10.16	10.36	10.51	10.68	10.52	9.55	8.32	8.14	8.23	8.93	9.54	9.94
27	10.17	10.37	10.52	10.69	10.49	9.53	8.34	8.16	8.25	8.94	9.56	9.94
28	10.18	10.38	10.52	10.69	10.44	9.52	8.33	8.19	8.29	8.96	9.58	9.94
29	10.19	10.39	10.53	10.70	---	9.50	8.32	8.22	8.34	8.97	9.59	9.95
30	10.20	10.39	10.53	10.71	---	9.46	8.33	8.23	8.37	8.99	9.61	9.97
31	10.21	---	10.54	10.71	---	9.41	---	8.23	---	9.02	9.63	---
LOW	10.21	10.39	10.54	10.71	10.77	10.40	9.35	8.34	8.47	9.02	9.63	9.97
HIGH	9.89	10.17	10.40	10.54	10.44	9.41	8.32	8.08	8.13	8.38	9.04	9.64



GROUND-WATER RECORDS

PENOBSCOT COUNTY

445319068560101 Local number, PEW 456

LOCATION.--Lat 44°53'19", long 68°56'01", Hydrologic Unit 01020005, on Kenduskeag-Levant Road, 2.5 mi south of Kenduskeag, near Kenduskeag-Levant town line, Kenduskeag. Owner: Clarence W. Parker, Jr.

AQUIFER.--Bedrock of Silurian age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 101 ft, open hole.

INSTRUMENTATION.--Electronic water-level recorder. Prior to Oct. 1989, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 190 ft above National Geodetic Vertical Datum of 1929, from topographic map.

Measuring point: Top of casing, 2.16 ft below land-surface datum, which is 1.77 ft above the general land surface. Prior to Dec. 10, 1999, Top of casing, 0.37 ft above land-surface datum.

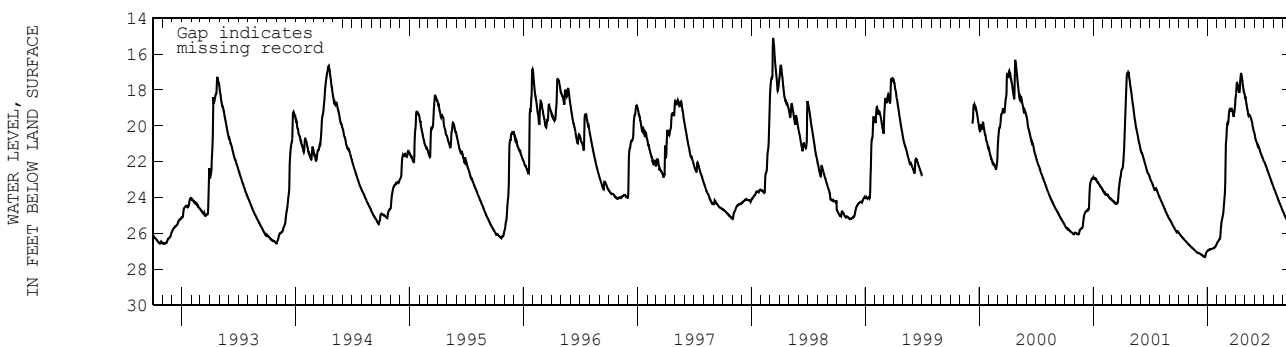
PERIOD OF RECORD.--April 1978 to current year.

REVISED RECORDS.--WDR ME-84-1: 1979, 1980, 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.92 ft below land-surface datum, Apr. 26, 1983; lowest recorded, 267.32 ft below land-surface datum, Dec. 24, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.96	26.60	27.08	26.98	26.56	20.99	18.46	18.33	20.42	21.99	23.42	24.81
2	25.98	26.62	27.08	26.96	26.52	20.83	18.36	18.44	20.52	22.01	23.47	24.84
3	26.01	26.64	27.09	26.95	26.49	20.56	18.19	18.43	20.65	22.03	23.52	24.88
4	26.03	26.65	27.10	26.93	26.45	20.17	17.90	18.59	20.74	22.06	23.56	24.91
5	26.06	26.67	27.10	26.92	26.42	19.92	17.61	18.69	20.78	22.09	23.59	24.95
6	26.08	26.68	27.11	26.91	26.40	19.86	17.60	18.77	20.83	22.14	23.64	25.00
7	26.10	26.71	27.13	26.91	26.37	19.88	17.68	18.84	20.87	22.19	23.69	25.04
8	26.13	26.72	27.14	26.90	26.34	19.90	17.72	18.98	20.93	22.24	23.75	25.08
9	26.15	26.74	27.15	26.89	26.33	19.83	17.74	19.07	20.96	22.27	23.80	25.11
10	26.17	26.75	27.16	26.89	26.30	19.61	17.86	19.11	21.05	22.33	23.84	25.14
11	26.19	26.77	27.17	26.88	26.22	19.34	18.02	19.27	21.11	22.39	23.88	25.17
12	26.21	26.79	27.19	26.89	25.93	19.16	18.08	19.37	21.15	22.44	23.92	25.22
13	26.24	26.80	27.20	26.88	25.69	19.11	18.16	19.44	21.11	22.49	23.97	25.26
14	26.26	26.82	27.21	26.88	25.54	19.06	18.07	19.40	21.15	22.54	24.01	25.30
15	26.28	26.84	27.22	26.87	25.41	19.08	17.87	19.37	21.21	22.58	24.06	25.33
16	26.30	26.85	27.24	26.86	25.31	19.07	17.56	19.39	21.24	22.64	24.10	25.34
17	26.32	26.87	27.25	26.85	25.22	19.14	17.35	19.41	21.27	22.69	24.14	25.34
18	26.34	26.89	27.26	26.84	25.13	19.12	17.18	19.46	21.34	22.73	24.19	25.37
19	26.35	26.90	27.27	26.84	25.04	19.14	17.05	19.49	21.41	22.79	24.23	25.40
20	26.37	26.92	27.28	26.83	24.96	19.13	17.11	19.54	21.47	22.84	24.28	25.43
21	26.39	26.94	27.29	26.82	24.86	19.09	17.24	19.60	21.51	22.90	24.34	25.47
22	26.41	26.95	27.31	26.81	24.68	19.13	17.34	19.68	21.57	22.94	24.37	25.50
23	26.43	26.97	27.31	26.80	24.46	19.22	17.47	19.74	21.61	22.98	24.41	25.53
24	26.45	26.99	27.32	26.79	24.20	19.32	17.67	19.79	21.65	23.06	24.45	25.52
25	26.46	27.00	27.30	26.78	23.94	19.44	17.80	19.94	21.73	23.11	24.49	25.54
26	26.48	27.02	27.22	26.76	23.71	19.50	17.89	20.01	21.77	23.15	24.54	25.56
27	26.50	27.04	27.14	26.73	23.21	19.35	18.03	20.09	21.77	23.18	24.59	25.58
28	26.53	27.05	27.09	26.70	21.65	19.26	18.13	20.17	21.83	23.22	24.64	25.55
29	26.54	27.07	27.05	26.66	---	19.19	18.15	20.25	21.91	23.26	24.68	25.47
30	26.56	27.08	27.02	26.63	---	18.98	18.21	20.31	21.96	23.31	24.72	25.46
31	26.58	---	27.00	26.60	---	18.76	---	20.36	---	23.36	24.77	---
LOW	26.58	27.08	27.32	26.98	26.56	20.99	18.46	20.36	21.96	23.36	24.77	25.58
HIGH	25.96	26.60	27.00	26.60	21.65	18.76	17.05	18.33	20.42	21.99	23.42	24.81



GROUND-WATER RECORDS

PENOBSCOT COUNTY--Continued

453629068531801 Local number, PEW 594

LOCATION.--Lat 45°36'29", long 68°53'18", Hydrologic Unit 01020001, on abandoned dirt road, about 8.0 miles southwest of Millinocket, about 0.4 miles south of South Twin Lake and east of Sandy Brook, T4 Indian Purchase. Owner: U.S. Geological Survey.

AQUIFER.--Glacial sand and gravel (ice-contact deposits) of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in., depth 30.5 ft., screened depth 10.5 to 30.5 ft, screen slot size 0.008 in.

INSTRUMENTATION.--Electronic water-level recorder.

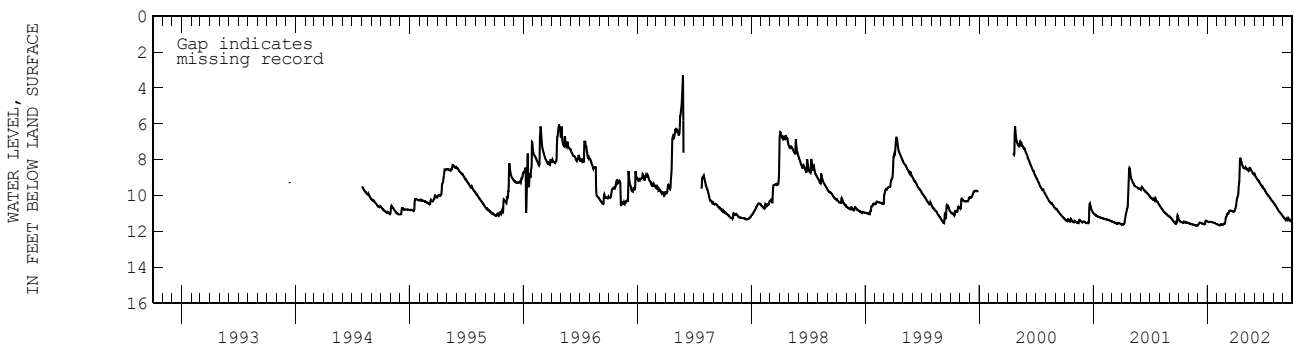
DATUM.--Elevation of land-surface datum is 520 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.50 ft above land-surface datum.

PERIOD OF RECORD.-- August 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.30 ft below land-surface datum, May 26, 1997; lowest recorded, 11.69 ft below land-surface datum, Nov. 30, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.30	11.54	11.68	11.45	11.59	11.22	10.72	8.49	8.79	9.63	10.40	11.20
2	11.34	11.54	11.65	11.46	11.61	11.20	10.64	8.49	8.84	9.63	10.42	11.22
3	11.38	11.55	11.63	11.47	11.62	11.17	10.55	8.44	8.90	9.66	10.45	11.24
4	11.41	11.56	11.61	11.48	11.62	11.10	10.40	8.47	8.93	9.69	10.48	11.24
5	11.44	11.56	11.57	11.48	11.63	11.04	10.26	8.48	8.95	9.73	10.50	11.25
6	11.45	11.57	11.53	11.48	11.64	11.01	10.17	8.48	8.98	9.76	10.53	11.28
7	11.46	11.58	11.51	11.48	11.65	11.00	10.11	8.49	9.02	9.79	10.55	11.31
8	11.47	11.59	11.50	11.48	11.65	11.01	10.06	8.54	9.04	9.82	10.58	11.34
9	11.48	11.59	11.51	11.47	11.66	11.02	10.01	8.55	9.07	9.84	10.61	11.36
10	11.49	11.59	11.52	11.47	11.67	10.99	9.85	8.55	9.10	9.88	10.64	11.39
11	11.49	11.60	11.53	11.46	11.63	10.91	9.50	8.60	9.13	9.91	10.66	11.38
12	11.50	11.60	11.54	11.46	11.60	10.86	9.38	8.61	9.14	9.94	10.69	11.29
13	11.51	11.61	11.55	11.46	11.61	10.84	9.18	8.63	9.16	9.97	10.72	11.31
14	11.52	11.61	11.55	11.47	11.61	10.84	8.57	8.58	9.20	10.0	10.75	11.35
15	11.52	11.62	11.56	11.48	11.62	10.83	8.03	8.50	9.23	10.0	10.78	11.37
16	11.52	11.62	11.57	11.48	11.62	10.84	7.93	8.45	9.22	10.00	10.81	11.31
17	11.49	11.63	11.57	11.49	11.62	10.85	7.94	8.45	9.25	10.03	10.84	11.26
18	11.45	11.63	11.58	11.49	11.62	10.85	7.97	8.48	9.29	10.06	10.86	11.29
19	11.46	11.64	11.59	11.50	11.62	10.86	8.04	8.52	9.32	10.09	10.89	11.32
20	11.47	11.64	11.59	11.51	11.63	10.86	8.12	8.55	9.35	10.11	10.91	11.36
21	11.49	11.65	11.60	11.51	11.62	10.87	8.19	8.58	9.38	10.14	10.94	11.38
22	11.50	11.65	11.61	11.52	11.59	10.87	8.24	8.62	9.42	10.16	10.95	11.39
23	11.51	11.66	11.61	11.53	11.57	10.88	8.30	8.64	9.44	10.19	10.97	11.40
24	11.51	11.66	11.61	11.54	11.56	10.89	8.36	8.66	9.46	10.22	10.99	11.40
25	11.51	11.67	11.49	11.54	11.56	10.89	8.39	8.71	9.50	10.25	11.02	11.42
26	11.49	11.67	11.43	11.55	11.57	10.90	8.41	8.73	9.52	10.27	11.04	11.43
27	11.49	11.67	11.41	11.56	11.51	10.89	8.46	8.76	9.50	10.29	11.07	11.45
28	11.51	11.68	11.41	11.57	11.31	10.88	8.47	8.79	9.55	10.32	11.10	11.31
29	11.52	11.68	11.42	11.57	---	10.87	8.47	8.82	9.59	10.33	11.12	11.24
30	11.53	11.69	11.43	11.58	---	10.84	8.48	8.82	9.62	10.34	11.14	11.26
31	11.53	---	11.44	11.59	---	10.79	---	8.80	---	10.37	11.17	---
LOW	11.53	11.69	11.68	11.59	11.67	11.22	10.72	8.82	9.62	10.37	11.17	11.45
HIGH	11.30	11.54	11.41	11.45	11.31	10.79	7.93	8.44	8.79	9.63	10.40	11.20



GROUND-WATER RECORDS

SOMERSET COUNTY

445148069513301 Local number, SMW 61

LOCATION.--Lat 44°51'48", long 69°51'33", Hydrologic Unit 01030003, approximately 3.0 mi northeast of Madison. Owner: U.S. Geological Survey.

AQUIFER.--Glaciomarine sand and silt of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in, Sept. 1984 measured depth 40 ft, screened depth 35 to 40 ft, screen slot size 0.010 in.

INSTRUMENTATION.--Electronic water-level recorder. Prior to Dec. 1999, monthly measurements were published.

DATUM.--Elevation of land-surface datum is 280 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 0.72 ft above land-surface datum. Prior to Dec. 1999, Top of casing, 3.50 ft above land-surface datum.

REMARKS.--Missing record, June 27 to July 8.

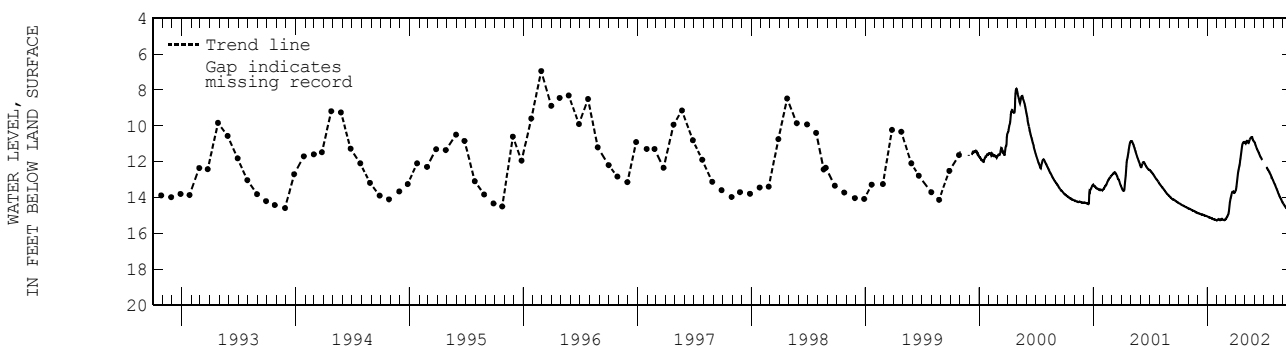
PERIOD OF RECORD.--January 1985 to November 1985, October 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.94 ft below land-surface datum, Feb. 27, 1996; lowest measured, 15.28 ft below land-surface datum, Jan. 31, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.31	14.61	14.86	15.06	15.27	15.19	13.64	10.96	10.91	---	13.10	14.34
2	14.32	14.61	14.87	15.07	15.27	15.19	13.60	10.96	10.94	---	13.14	14.37
3	14.33	14.62	14.87	15.08	15.26	15.14	13.51	10.94	11.00	---	13.19	14.39
4	14.34	14.63	14.88	15.08	15.22	15.09	13.39	10.97	11.06	---	13.23	14.41
5	14.35	14.63	14.89	15.10	15.20	15.07	13.25	10.93	11.10	---	13.26	14.43
6	14.35	14.64	14.89	15.10	15.21	15.05	13.08	10.89	11.14	---	13.29	14.47
7	14.36	14.65	14.90	15.10	15.21	15.02	12.91	10.86	11.21	---	13.34	14.49
8	14.38	14.66	14.91	15.11	15.22	14.99	12.76	10.88	11.25	---	13.39	14.52
9	14.40	14.66	14.92	15.12	15.25	14.95	12.62	10.88	11.28	m12.30	13.43	14.54
10	14.41	14.67	14.93	15.12	15.27	14.87	12.51	10.86	11.33	12.32	13.48	14.56
11	14.41	14.68	14.93	15.13	15.26	14.77	12.43	10.92	11.37	12.35	13.53	14.56
12	14.42	14.70	14.95	15.14	15.25	14.60	12.33	10.95	11.41	12.38	13.56	14.60
13	14.44	14.71	14.94	15.14	15.23	14.43	12.25	10.96	11.44	12.41	13.60	14.63
14	14.44	14.72	14.95	15.16	15.23	14.27	12.16	10.90	11.48	12.44	13.66	14.66
15	14.45	14.72	14.96	15.16	15.20	14.16	12.05	10.88	11.52	12.46	13.70	14.68
16	14.46	14.73	14.97	15.17	15.18	14.07	11.94	10.82	11.55	12.50	13.74	14.70
17	14.46	14.74	14.97	15.18	15.18	14.00	11.84	10.76	11.58	12.53	13.78	14.71
18	14.47	14.75	14.96	15.19	15.21	13.92	11.71	10.73	11.63	12.56	13.82	14.73
19	14.49	14.75	14.97	15.20	15.23	13.84	11.55	10.69	11.68	12.60	13.86	14.76
20	14.49	14.76	14.98	15.20	15.25	13.78	11.40	10.66	11.72	12.64	13.91	14.78
21	14.50	14.77	14.98	15.21	15.25	13.72	11.28	10.63	11.75	12.68	13.95	14.79
22	14.51	14.78	15.00	15.21	15.25	13.68	11.15	10.63	11.78	12.71	13.98	14.82
23	14.52	14.80	15.01	15.22	15.26	13.67	11.05	10.62	11.81	12.74	14.02	14.84
24	14.53	14.81	15.01	15.22	15.27	13.67	11.00	10.62	11.84	12.78	14.06	14.86
25	14.53	14.82	15.01	15.23	15.27	13.69	10.96	10.70	11.88	12.88	14.08	14.88
26	14.54	14.82	15.02	15.24	15.26	13.71	10.92	10.74	11.90	12.88	14.12	14.90
27	14.55	14.83	15.02	15.25	15.23	13.68	10.94	10.77	---	12.91	14.17	14.91
28	14.57	14.84	15.03	15.25	15.19	13.71	10.94	10.81	---	12.95	14.21	14.92
29	14.58	14.85	15.03	15.26	---	13.73	10.92	10.85	---	12.98	14.24	14.95
30	14.59	14.86	15.04	15.26	---	13.72	10.95	10.87	---	13.01	14.27	14.98
31	14.60	---	15.05	15.28	---	13.69	---	10.88	---	13.05	14.32	---
LOW	14.60	14.86	15.05	15.28	15.27	15.19	13.64	10.97	---	---	14.32	14.98
HIGH	14.31	14.61	14.86	15.06	15.18	13.67	10.92	10.62	---	---	13.10	14.34

m Measured



GROUND-WATER RECORDS

WALDO COUNTY

442822069081301 Local number, WOW 85

LOCATION.--Lat 44°28'22", long 69°08'13", Hydrologic Unit 01050002, about 2.25 mi northeast of Morrill. Owner: U.S. Geological Survey.

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in., depth 27 ft; screened depth 17 to 22 ft, screen slot size 0.008 in; screened depth 22 to 27 ft, screen slot size 0.006 in.

INSTRUMENTATION.--Electronic water-level recorder.

DATUM.--Elevation of land-surface datum is 334 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.06 ft above land-surface datum.

REMARKS.--Missing record, Oct. 11 to Dec. 25.

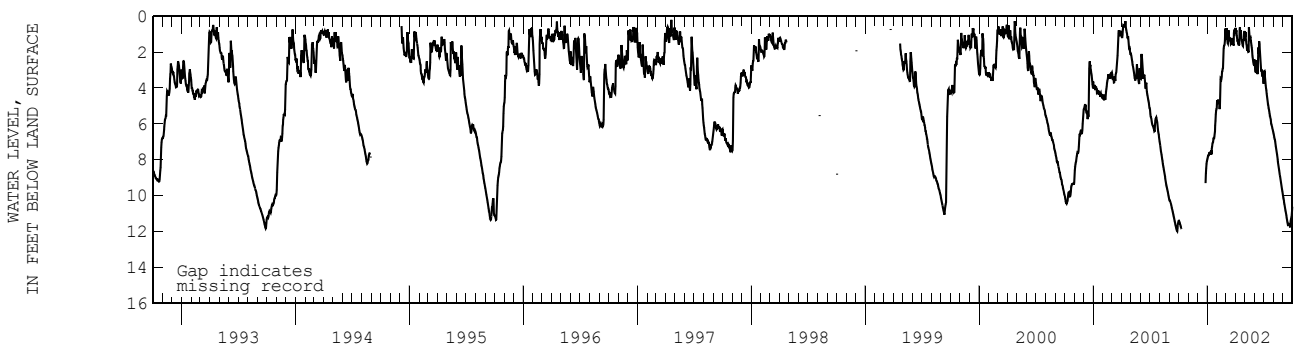
PERIOD OF RECORD.--November 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.05 ft below land-surface datum, Nov. 20, 1990; lowest recorded, 11.99 ft below land-surface datum, Sept. 26, 2001.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.41	---	---	7.94	4.69	1.24	0.64	1.10	2.40	3.56	6.54	10.10
2	11.40	---	---	7.87	4.89	1.30	0.94	1.10	2.67	3.06	6.62	10.20
3	11.44	---	---	7.77	4.82	0.66	0.84	0.87	2.93	3.05	6.72	10.30
4	11.49	---	---	7.77	4.65	0.81	0.77	1.29	3.09	3.34	6.82	10.40
5	11.57	---	---	7.76	4.80	1.22	1.07	1.44	3.10	3.43	6.86	10.49
6	11.62	---	---	7.70	4.90	1.37	1.22	1.53	2.79	3.65	6.98	10.59
7	11.70	---	---	7.60	4.81	1.47	1.37	1.61	2.46	3.85	7.12	10.70
8	11.76	---	---	7.71	4.88	1.51	1.40	1.85	2.67	4.01	7.25	10.82
9	11.83	---	---	7.62	5.17	1.31	1.32	1.91	2.81	4.13	7.37	10.91
10	11.87	---	---	7.63	4.96	0.78	1.45	1.59	3.11	4.32	7.49	11.00
11	---	---	---	7.63	4.25	1.08	1.62	1.84	3.23	4.45	7.60	11.10
12	---	---	---	7.69	3.46	1.22	1.58	1.99	2.61	4.60	7.72	11.24
13	---	---	---	7.46	3.49	1.22	1.56	1.98	1.74	4.74	7.85	11.35
14	---	---	---	7.70	3.53	1.22	0.75	0.61	2.01	4.88	7.99	11.46
15	---	---	---	7.38	3.46	1.33	0.61	0.86	2.08	4.97	8.12	11.55
16	---	---	---	7.27	3.38	1.37	0.82	1.13	1.39	5.10	8.24	11.64
17	---	---	---	7.11	3.09	1.54	0.91	1.20	1.55	5.19	8.36	11.64
18	---	---	---	7.04	3.07	1.51	0.78	1.16	1.84	5.30	8.48	11.58
19	---	---	---	7.01	2.93	1.52	0.96	1.16	2.19	5.43	8.60	11.58
20	---	---	---	6.88	2.88	1.46	1.17	1.35	2.47	5.52	8.72	11.60
21	---	---	---	6.76	2.42	1.27	1.34	1.49	2.69	5.61	8.85	11.66
22	---	---	---	6.84	1.82	1.21	1.41	1.63	2.98	5.67	8.94	11.73
23	---	---	---	6.72	1.67	1.44	1.50	1.75	3.08	5.80	9.06	11.78
24	---	---	---	6.57	1.63	1.58	1.63	1.92	2.96	5.97	9.17	11.63
25	---	---	---	6.41	1.55	1.60	1.66	2.20	3.24	6.01	9.28	11.44
26	---	---	m9.31	6.09	1.36	1.59	1.34	2.27	3.37	6.08	9.40	11.32
27	---	---	8.78	5.83	0.68	0.93	1.32	2.39	3.11	6.13	9.54	11.23
28	---	---	8.48	5.47	0.86	0.87	1.37	2.54	3.34	6.22	9.67	11.16
29	---	---	8.25	5.26	---	0.91	0.95	2.65	3.62	6.28	9.76	10.91
30	---	---	8.09	5.17	---	0.72	0.82	2.70	3.76	6.38	9.88	10.62
31	---	---	8.01	5.13	---	0.86	---	2.72	---	6.45	10.01	---
LOW	---	---	---	7.94	5.17	1.60	1.66	2.72	3.76	6.45	10.01	11.78
HIGH	---	---	---	5.13	0.68	0.66	0.61	0.61	1.39	3.05	6.54	10.10

m Measured



WASHINGTON COUNTY

450713067162801 Local number, WW 796

LOCATION.--Lat 45°07'13", long 67°16'28", Hydrologic Unit 01050001, in Calais, on Charlotte Road, about 2.25 mi south of U.S. Highway 1. Owner: U.S. Government (Moosehorn National Wildlife Refuge).

AQUIFER.--Bedrock of Devonian age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., Sept. 1967 reported depth 150 ft, cased with steel to 21 ft, open hole, Nov. 1982 measured depth 146 ft.

INSTRUMENTATION.--Electronic water level recorder. Prior to Dec. 1999, monthly measurements were published.

DATUM.--Elevation of land-surface datum is 130 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, at land-surface datum, which is 0.8 ft above the general land surface.

REMARKS.--Missing record, Oct. 11 to Feb. 5.

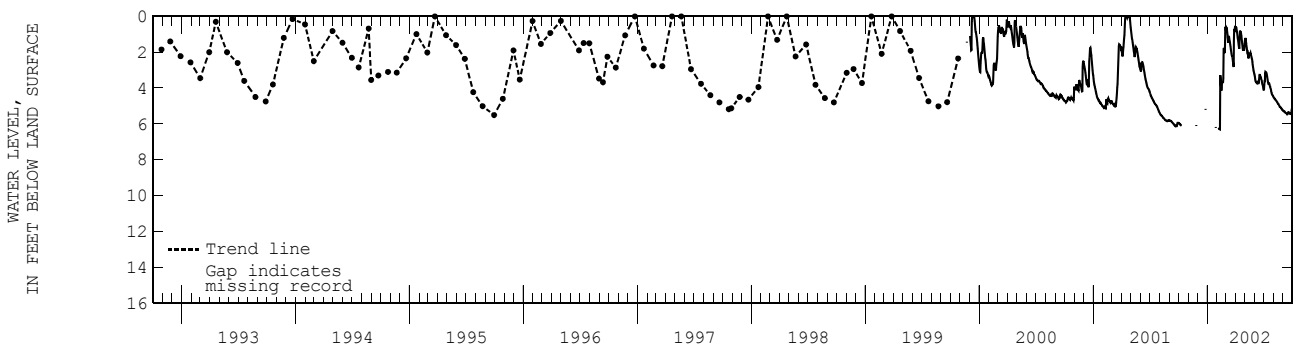
PERIOD OF RECORD.--September 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, overflowed in 1981, 1982, 1983, 1984, 1997, 1998, 1999, 2000, and 2001; lowest recorded, 6.31 ft below land-surface datum, Feb. 6 and 10, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.94	---	---	---	---	0.74	0.56	1.33	3.26	4.13	4.50	5.28
2	5.96	---	---	---	---	0.86	0.67	1.32	3.35	3.81	4.54	5.29
3	5.99	---	---	---	---	0.64	0.59	1.20	3.49	3.61	4.57	5.30
4	6.00	---	---	---	---	0.67	0.67	1.37	3.61	3.61	4.60	5.30
5	6.02	---	---	---	---	0.85	0.80	1.51	3.64	3.19	4.60	5.30
6	6.02	---	---	---	m6.31	1.01	0.89	1.63	3.67	3.09	4.62	5.33
7	6.04	---	---	---	6.27	1.17	1.06	1.73	3.70	3.11	4.64	5.36
8	6.07	---	---	---	6.26	1.34	1.21	1.88	3.71	3.13	4.68	5.38
9	6.09	---	---	---	6.30	1.47	1.33	2.00	3.69	3.14	4.71	5.39
10	6.10	---	---	---	6.31	1.17	1.43	1.99	3.72	3.22	4.72	5.40
11	---	---	---	---	3.28	1.10	1.62	2.14	3.74	3.32	4.75	5.41
12	---	---	---	---	3.44	1.23	1.72	2.26	3.68	3.43	4.77	5.42
13	---	---	---	---	3.85	1.35	1.80	2.34	3.64	3.55	4.80	5.43
14	---	---	---	---	4.12	1.43	1.23	2.17	3.65	3.67	4.83	5.47
15	---	---	---	---	4.15	1.56	0.86	2.06	3.67	3.73	4.86	5.46
16	---	---	---	---	3.97	1.68	0.80	2.14	3.47	3.73	4.88	5.41
17	---	---	---	---	3.70	1.83	0.85	2.09	3.26	3.73	4.90	5.35
18	---	---	---	---	3.68	1.95	0.87	2.10	3.27	3.75	4.93	5.36
19	---	---	---	---	3.67	2.07	0.98	2.05	3.31	3.82	4.96	5.37
20	---	---	---	---	3.72	2.18	1.11	2.13	3.35	3.88	5.00	5.38
21	---	---	---	---	3.46	2.21	1.29	2.18	3.38	3.95	5.05	5.40
22	---	---	---	---	1.81	2.30	1.47	2.27	3.45	3.99	5.06	5.44
23	---	---	---	---	1.81	2.44	1.62	2.34	3.52	4.05	5.08	5.44
24	---	---	---	---	1.97	2.58	1.78	2.41	3.57	4.17	5.10	5.43
25	---	---	---	---	2.05	2.73	1.90	2.56	3.70	4.23	5.10	5.43
26	---	m6.09	m5.19	---	1.92	2.83	1.82	2.68	3.77	4.28	5.13	5.43
27	---	---	---	---	0.78	1.38	1.79	2.79	3.82	4.34	5.18	5.42
28	---	---	---	m6.20	0.58	0.71	1.92	2.91	3.92	4.38	5.20	5.25
29	---	---	---	---	---	0.75	1.81	3.02	4.03	4.40	5.21	5.14
30	---	---	---	---	---	0.67	1.52	3.11	4.10	4.42	5.22	5.10
31	---	---	---	---	---	0.70	---	3.18	---	4.46	5.27	---
LOW	---	---	---	---	---	2.83	1.92	3.18	4.10	4.46	5.27	5.47
HIGH	---	---	---	---	---	0.64	0.56	1.20	3.26	3.09	4.50	5.10

m Measured



GROUND-WATER RECORDS

WASHINGTON COUNTY--Continued

445227067520101 Local number, WW 797

LOCATION.--Lat 44°52'27", long 67°52'01", Hydrologic Unit 01050002, about 0.35 mi south of State Highway 9 in Township T24MD, Hadley Lakes. Owner: U.S. Geological Survey.

AQUIFER.--Glacial sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--A wash-bored unconfined observation well, diameter 2 in., Sept. 1985 measured depth 30 ft, screened depth 25 to 30 ft, screen slot size 0.008 in.

INSTRUMENTATION.--Electronic water-level recorder. Prior to Oct. 1989, daily mean data were published every fifth day.

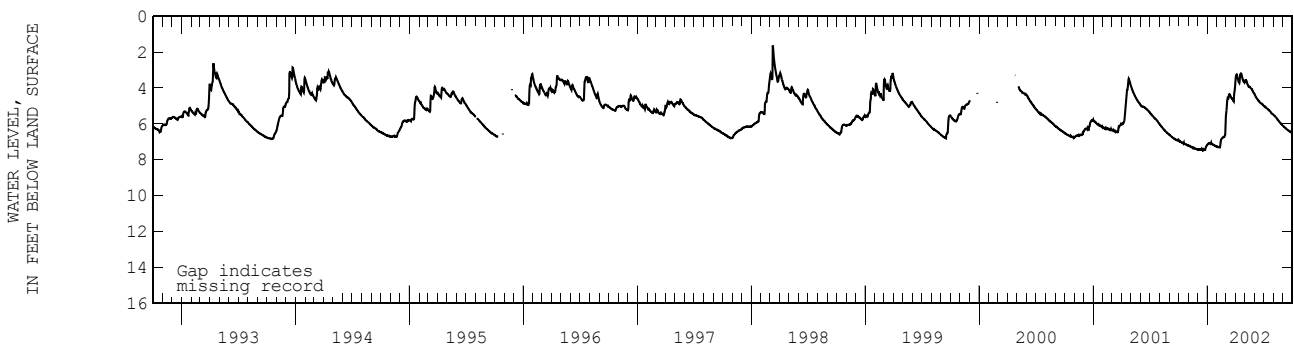
DATUM.--Elevation of land-surface datum is 250 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: V-notch on top of casing, north side of shelter, which is 3.42 ft above land-surface datum.

PERIOD OF RECORD.--September 1985 to current year. Records prior to October 1985 have not been published, but are available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.63 ft below land-surface datum, Mar. 10, 1998; lowest recorded, 7.46 ft below land-surface datum, Dec. 16, 19, 21-23, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.91	7.21	7.43	7.15	7.26	5.57	3.63	3.65	4.33	5.01	5.50	6.13
2	6.95	7.21	7.44	7.13	7.28	5.40	3.39	3.61	4.36	5.01	5.52	6.14
3	6.97	7.22	7.44	7.11	7.29	5.25	3.32	3.55	4.41	5.03	5.54	6.16
4	6.97	7.23	7.45	7.10	7.29	4.98	3.26	3.55	4.46	5.05	5.55	6.16
5	6.98	7.23	7.43	7.10	7.30	4.73	3.24	3.55	4.48	5.04	5.56	6.18
6	6.98	7.23	7.42	7.08	7.30	4.61	3.29	3.58	4.51	5.07	5.58	6.20
7	7.00	7.24	7.43	7.07	7.30	4.57	3.39	3.62	4.55	5.08	5.60	6.22
8	7.02	7.29	7.45	7.09	7.30	4.58	3.46	3.70	4.58	5.10	5.63	6.23
9	7.02	7.27	7.44	7.07	7.31	4.58	3.52	3.75	4.59	5.10	5.65	6.25
10	7.03	7.29	7.44	7.08	7.31	4.51	3.58	3.78	4.62	5.12	5.67	6.26
11	7.04	7.30	7.44	7.08	7.21	4.40	3.65	3.84	4.65	5.14	5.69	6.27
12	7.05	7.30	7.44	7.10	7.03	4.36	3.69	3.89	4.67	5.16	5.71	6.29
13	7.07	7.31	7.40	7.05	6.94	4.34	3.72	3.92	4.69	5.18	5.74	6.31
14	7.07	7.31	7.42	7.12	6.88	4.36	3.60	3.92	4.71	5.19	5.76	6.33
15	7.07	7.31	7.44	7.11	6.84	4.41	3.40	3.92	4.73	5.21	5.78	6.34
16	7.09	7.32	7.46	7.13	6.81	4.43	3.27	3.94	4.75	5.22	5.80	6.35
17	7.05	7.36	7.43	7.14	6.80	4.50	3.23	3.94	4.77	5.24	5.82	6.36
18	7.12	7.34	7.34	7.15	6.79	4.53	3.23	3.97	4.79	5.25	5.85	6.37
19	7.11	7.33	7.46	7.17	6.77	4.56	3.19	3.99	4.81	5.27	5.87	6.38
20	7.11	7.34	7.44	7.17	6.76	4.58	3.21	4.01	4.83	5.29	5.89	6.39
21	7.13	7.37	7.46	7.18	6.74	4.58	3.29	4.02	4.84	5.31	5.92	6.41
22	7.14	7.39	7.46	7.20	6.74	4.61	3.37	4.05	4.86	5.32	5.94	6.42
23	7.14	7.39	7.46	7.20	6.73	4.64	3.43	4.06	4.87	5.34	5.96	6.43
24	7.14	7.38	7.45	7.20	6.72	4.68	3.50	4.08	4.87	5.37	5.97	6.44
25	7.14	7.39	7.45	7.22	6.69	4.72	3.56	4.12	4.90	5.39	5.99	6.46
26	7.16	7.40	7.39	7.23	6.65	4.75	3.60	4.16	4.91	5.41	6.01	6.47
27	7.17	7.41	7.31	7.24	6.59	4.60	3.64	4.19	4.92	5.43	6.03	6.47
28	7.19	7.41	7.27	7.24	6.01	4.31	3.67	4.22	4.94	5.45	6.06	6.47
29	7.18	7.42	7.23	7.25	---	4.19	3.68	4.25	4.97	5.45	6.08	6.48
30	7.20	7.43	7.20	7.26	---	4.06	3.70	4.28	5.00	5.46	6.09	6.49
31	7.21	---	7.18	7.27	---	3.84	---	4.30	---	5.48	6.11	---
LOW	7.21	7.43	7.46	7.27	7.31	5.57	3.72	4.30	5.00	5.48	6.11	6.49
HIGH	6.91	7.21	7.18	7.05	6.01	3.84	3.19	3.55	4.33	5.01	5.50	6.13



GROUND-WATER RECORDS

YORK COUNTY

432310070393301 Local number, YW 807

LOCATION.--Lat 43°23'10", long 70°39'33", Hydrologic Unit 01060003, about 4.5 mi southeast of South Sanford. Owner: U.S. Geological Survey.

AQUIFER.--Ice-contact glaciofluvial deposits of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in., measured depth 39 ft, screened depth 34 to 39 feet, screen slot size 0.010 in.

INSTRUMENTATION.--Electronic water-level recorder. Prior to Oct. 1989, daily mean data were published every fifth day.

DATUM.--Elevation of land-surface datum is 202 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.9 ft above land-surface datum.

REMARKS.--Missing record, Oct. 11-12.

PERIOD OF RECORD.--July 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.18 ft below land-surface datum, July 5 and 6, 1998; lowest recorded, 22.02 ft below land-surface datum, Mar. 21-25, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.49	20.12	20.68	21.18	21.61	21.94	21.93	20.79	19.62	19.42	19.64	20.17
2	19.51	20.14	20.70	21.19	21.63	21.95	21.91	20.77	19.58	19.42	19.66	20.18
3	19.53	20.15	20.72	21.21	21.64	21.92	21.88	20.75	19.56	19.41	19.68	20.20
4	19.55	20.17	20.74	21.22	21.65	21.84	21.84	20.73	19.54	19.41	19.70	20.21
5	19.57	20.18	20.75	21.24	21.66	21.88	21.79	20.71	19.51	19.41	19.70	20.23
6	19.59	20.20	20.77	21.25	21.68	21.92	21.74	20.70	19.49	19.41	19.72	20.25
7	19.61	20.22	20.79	21.27	21.69	21.94	21.68	20.68	19.48	19.41	19.75	20.27
8	19.64	20.25	20.80	21.28	21.71	21.96	21.63	20.66	19.46	19.41	19.77	20.28
9	19.66	20.26	20.82	21.29	21.72	21.96	21.57	20.64	19.44	19.40	19.79	20.29
10	19.67	20.28	20.84	21.31	21.73	21.97	21.53	20.62	19.44	19.41	19.81	20.30
11	---	20.30	20.86	21.32	21.75	21.98	21.47	20.61	19.42	19.41	19.83	20.31
12	---	20.32	20.87	21.34	21.76	21.98	21.42	20.58	19.41	19.41	19.84	20.34
13	m19.75	20.34	20.87	21.35	21.78	21.99	21.37	20.56	19.41	19.41	19.86	20.36
14	19.76	20.36	20.89	21.37	21.79	22.00	21.32	20.53	19.40	19.41	19.88	20.38
15	19.78	20.38	20.91	21.38	21.80	22.00	21.28	20.51	19.39	19.41	19.90	20.39
16	19.80	20.40	20.92	21.40	21.81	22.01	21.24	20.49	19.39	19.42	19.91	20.40
17	19.82	20.42	20.94	21.41	21.82	22.01	21.20	20.46	19.40	19.43	19.93	20.42
18	19.84	20.43	20.95	21.43	21.84	22.01	21.16	20.42	19.41	19.43	19.94	20.44
19	19.86	20.45	20.97	21.44	21.85	22.01	21.12	20.38	19.43	19.44	19.96	20.45
20	19.88	20.47	20.99	21.45	21.86	22.01	21.09	20.33	19.43	19.46	19.98	20.46
21	19.90	20.49	21.01	21.47	21.87	22.02	21.06	20.26	19.42	19.47	20.00	20.48
22	19.92	20.51	21.02	21.48	21.85	22.02	21.02	20.19	19.43	19.47	20.01	20.50
23	19.94	20.53	21.04	21.49	21.86	22.02	21.00	20.11	19.42	19.49	20.03	20.51
24	19.96	20.55	21.05	21.50	21.88	22.02	20.97	20.04	19.42	19.53	20.04	20.53
25	19.98	20.57	21.07	21.52	21.89	22.02	20.94	19.98	19.43	19.54	20.05	20.55
26	20.00	20.58	21.08	21.53	21.90	22.01	20.91	19.91	19.43	19.55	20.07	20.56
27	20.02	20.60	21.10	21.54	21.91	22.01	20.89	19.85	19.42	19.55	20.09	20.57
28	20.05	20.62	21.11	21.56	21.93	22.00	20.86	19.80	19.43	19.56	20.12	20.59
29	20.06	20.64	21.13	21.57	---	---	21.98	19.75	19.44	19.57	20.13	20.60
30	20.08	20.66	21.14	21.59	---	---	21.97	20.81	19.70	19.44	19.59	20.62
31	20.10	---	21.16	21.60	---	---	21.95	---	19.66	---	19.61	---
LOW	---	20.66	21.16	21.60	21.93	22.02	21.93	20.79	19.62	19.61	20.16	20.62
HIGH	---	20.12	20.68	21.18	21.61	21.84	20.81	19.66	19.39	19.40	19.64	20.17

m Measured

