

GROUND-WATER LEVELS IN NEW HAMPSHIRE

BELKNAP COUNTY

431916071125901. Local number, BAW 10, Town of Barnstead.

LOCATION.--Lat 43°19'16", long 71°12'59", Hydrologic Unit 01070002. Barnstead: about 0.8 mi north-northeast from junction of Rt. 126 and French Road and 1.6 mi west-southwest from Strafford, N.H.

Owner: Francesca Latawiec.

AQUIFER.--Sandy till of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in, depth 25 ft.

DATUM.--Altitude of land-surface datum is 530 ft. Measuring point: Top of casing, 3.0 ft above land-surface datum.

PERIOD OF RECORD.--June 1995 to October 1997, February 2000 to current year.

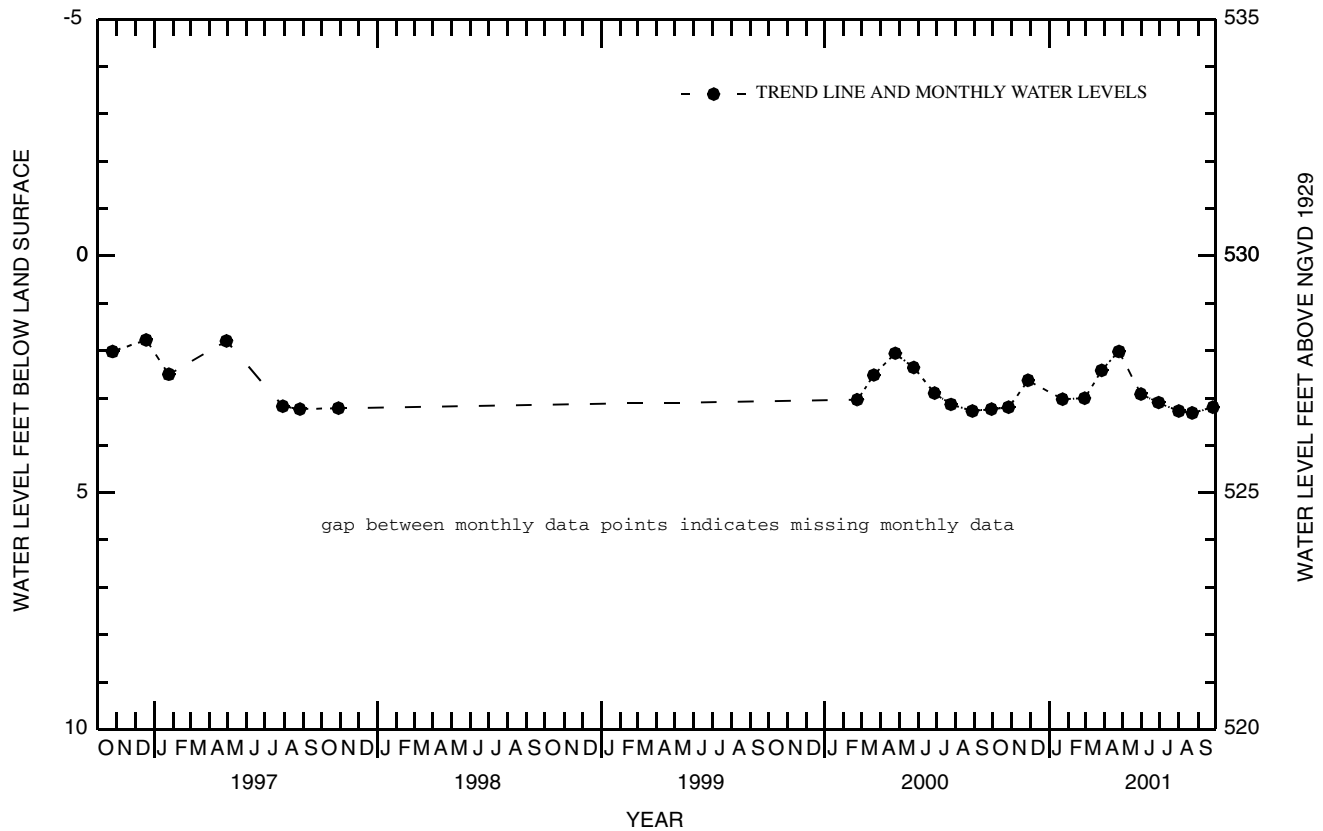
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.78 ft below land-surface datum, December 19, 1996; lowest measured, 3.41 ft below land-surface datum, August 28, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	3.20	MAR 28	2.42	AUG 01	3.28
NOV 28	2.63	APR 25	2.02	23	3.32
JAN 23	3.03	MAY 31	2.92	SEP 26	3.20
FEB 28	3.01	JUN 29	3.10		

WATER YEAR 2001 HIGHEST 2.02 APR 25, 2001 LOWEST 3.32 AUG 23, 2001

BAW 10



CARROLL COUNTY

435948071220301. Local number, ADW 14, Town of Albany.

LOCATION.--Lat 43°59'48", long 71°22'03", Hydrologic Unit 01060002, approximately 1.5 mi west of Passaconaway and about 50 ft west of University of New Hampshire trail off Route 112 in Albany.

Owner: U.S. Department of Agriculture - Forest Service.

AQUIFER.--Silt, sand, and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 79.5 ft.

DATUM.--Elevation of land-surface datum is 1,250 ft above sea level from topographic map. Measuring point: Top of casing, 2.2 ft above land-surface datum.

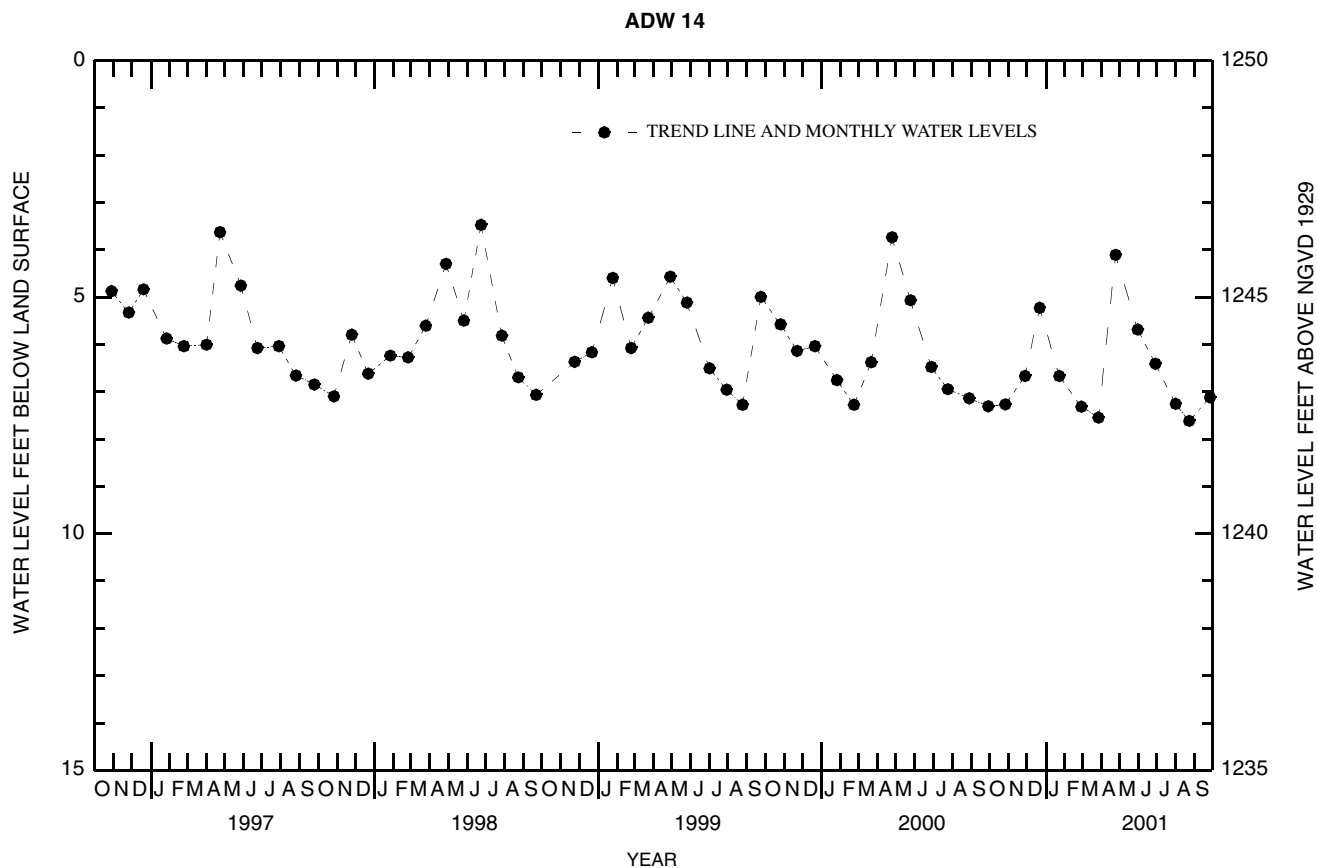
PERIOD OF RECORD.--April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.36 ft below land-surface datum, April 24, 1996; lowest measured, 7.62 ft below land-surface datum, August 23, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	7.27	FEB 28	7.32	JUN 29	6.41
NOV 28	6.67	MAR 28	7.55	AUG 01	7.26
DEC 22	5.23	APR 25	4.11	23	7.62
JAN 23	6.67	MAY 31	5.69	SEP 26	7.12

WATER YEAR 2001    HIGHEST    4.11    APR 25, 2001    LOWEST    7.62    AUG 23, 2001



GROUND-WATER LEVELS IN NEW HAMPSHIRE

CARROLL COUNTY

435948071220302. Local number, ADW 15, Town of Albany.

LOCATION.--Lat 43°59'48", long 71°22'03", Hydrologic Unit 01060002, approximately 1.5 mi west of Passaconaway and about 50 ft west of University of New Hampshire trail off Route 112 in Albany.

Owner: U.S. Department of Agriculture - Forest Service.

AQUIFER.--Silt, sand, and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 18 ft.

DATUM.--Elevation of land-surface datum is 1,250 ft above sea level from topographic map. Measuring point: Top of casing, 2.6 ft above land-surface datum.

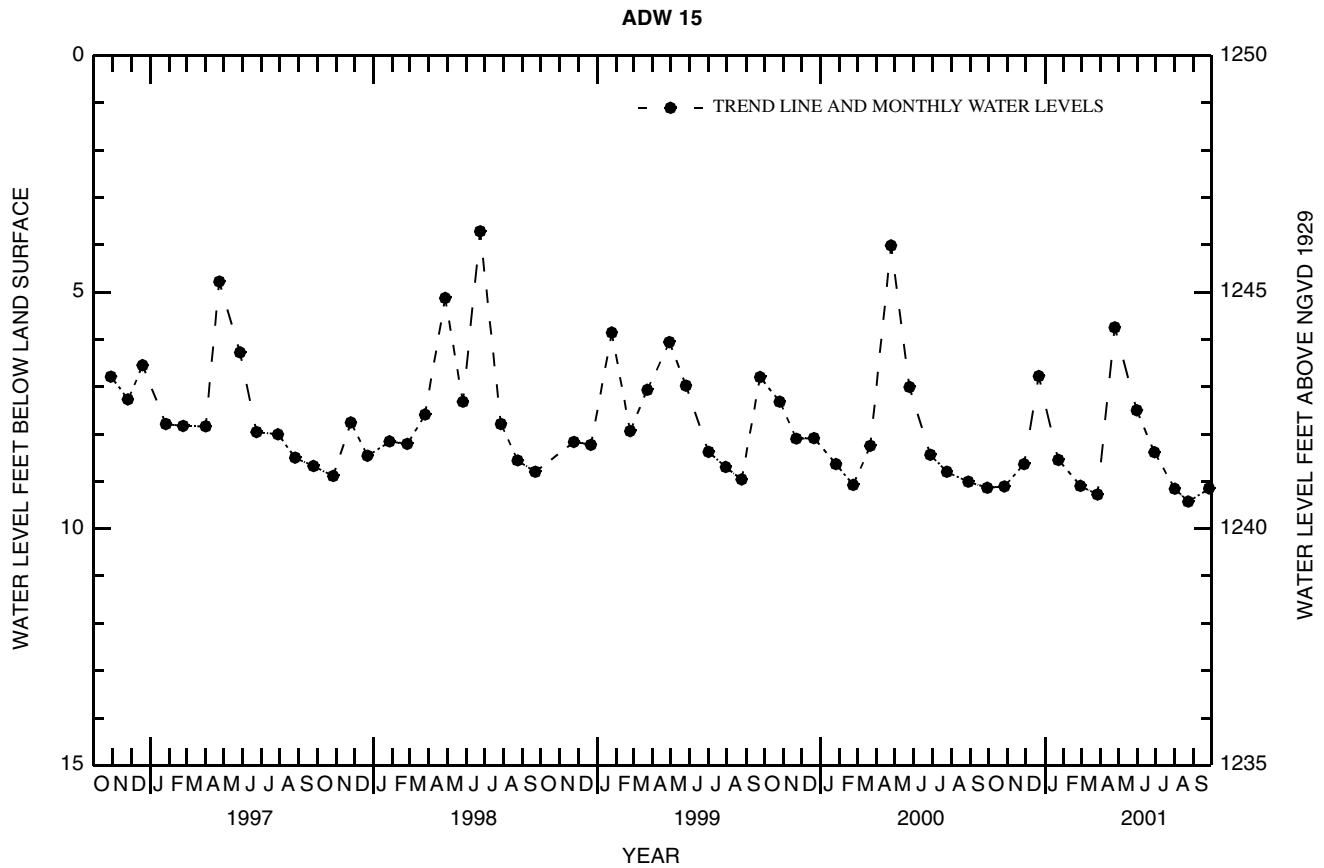
PERIOD OF RECORD.--August 1992, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.54 ft below land-surface datum, April 24, 1996; lowest measured, 9.43 ft below land-surface datum, August 23, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	9.11	FEB 28	9.10	JUN 29	8.39
NOV 28	8.64	MAR 28	9.28	AUG 01	9.16
DEC 22	6.78	APR 25	5.75	23	9.43
JAN 23	8.55	MAY 31	7.50	SEP 26	9.15

WATER YEAR 2001    HIGHEST    5.75    APR 25, 2001    LOWEST    9.43    AUG 23, 2001



CARROLL COUNTY

434221071051501. Local number, OXW 38, Town of Ossipee.

LOCATION.--Lat 43°42'21", long 71°05'15", Hydrologic Unit 01060002, in Pine River State Forest, 2 mi northeast of Ossipee and 1.2 mi east from junction of Routes 16 and 28.

Owner: U.S. Geological Survey.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 115 ft.

DATUM.--Elevation of land-surface datum is 550 ft above sea level from topographic map. Measuring point: Top of casing, 3.4 ft above land-surface datum.

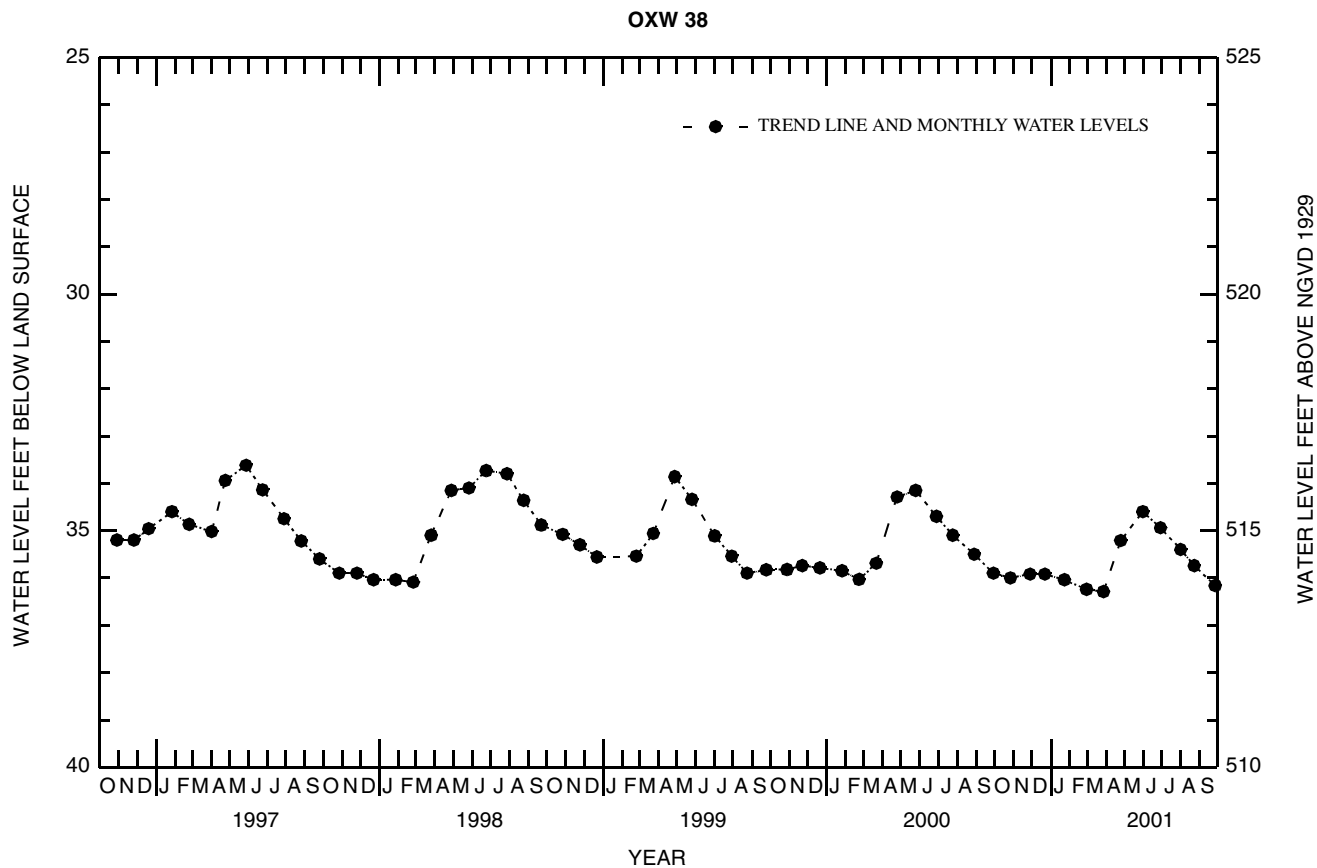
PERIOD OF RECORD.--September 1991, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.98 ft below land-surface datum, May 29, 1996; lowest measured, 37.00 ft below land-surface datum, September 23, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	36.00	FEB 28	36.24	JUN 29	34.94
NOV 28	35.92	MAR 28	36.29	AUG 01	35.40
DEC 22	35.92	APR 25	35.21	23	35.74
JAN 23	36.04	MAY 31	34.60	SEP 26	36.16

WATER YEAR 2001 HIGHEST 34.60 MAY 31, 2001 LOWEST 36.29 MAR 28, 2001



GROUND-WATER LEVELS IN NEW HAMPSHIRE

CHESHIRE COUNTY

425543072175801. Local number, KEW 2, Town of Keene.

LOCATION.--Lat 42°55'43", long 72°17'58", Hydrologic Unit 01080201, east side of State Highway 12, about 0.5 mi north of State Highway 9, and 1.1 mi southwest of the center of Keene.

Owner: New Hampshire Department of Transportation.

AQUIFER.--Sand of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 18 ft.

DATUM.--Elevation of land-surface datum is 470 ft above sea level from topographic map. Measuring point: Top of casing, 4.5 ft above land-surface datum.

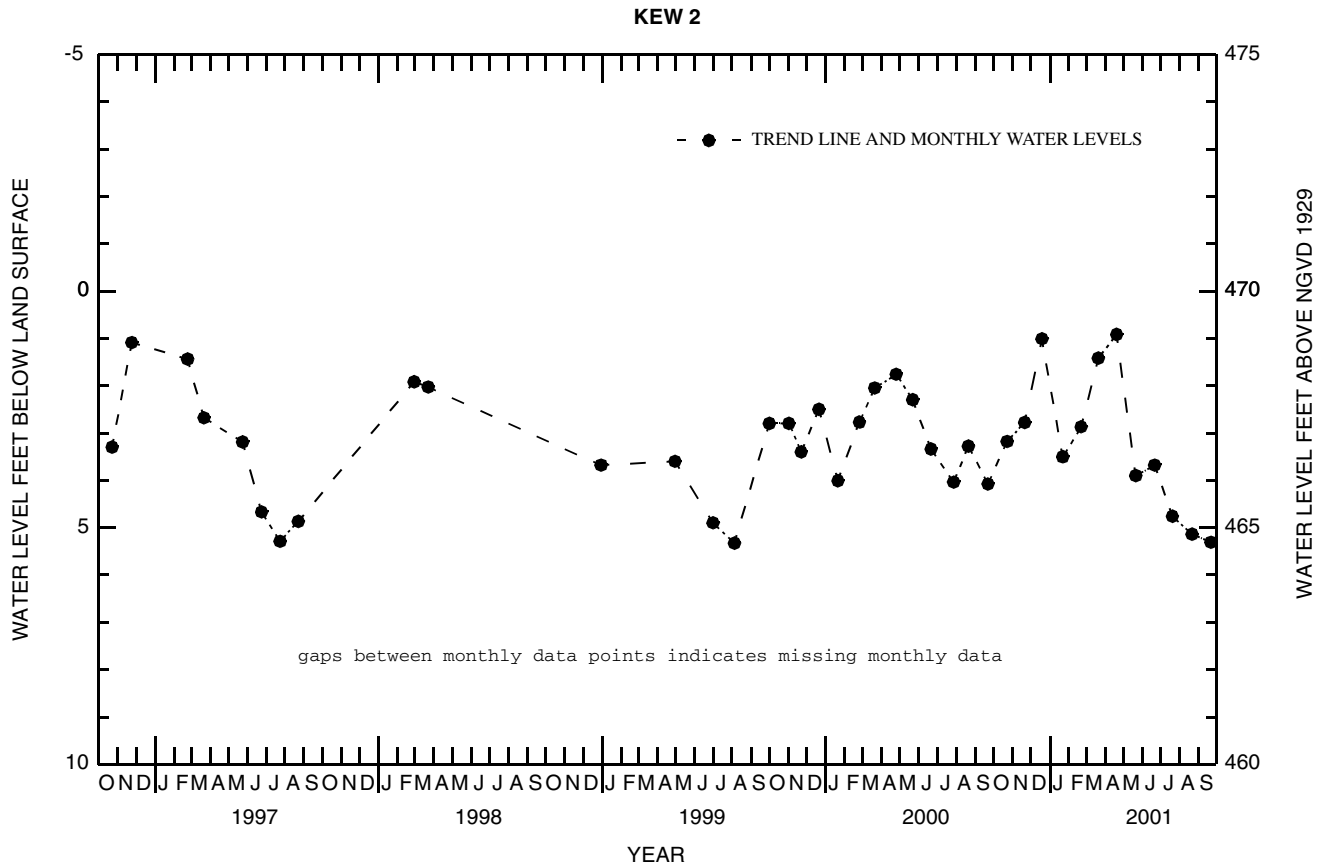
PERIOD OF RECORD.--August 1963 to current year. Prior to January 1973, published in New Hampshire Hydrologic-Data Report No. 3.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.17 ft below land-surface datum, May 31, 1984; lowest measured, 6.23 ft below land-surface datum, September 27, 1964.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	3.18	FEB 21	2.87	JUN 21	3.68
NOV 21	2.78	MAR 21	1.42	JUL 20	4.76
DEC 19	1.01	APR 20	.92	AUG 21	5.14
JAN 22	3.50	MAY 21	3.90	SEP 21	5.31

WATER YEAR 2001 HIGHEST .92 APR 20, 2001 LOWEST 5.31 SEP 21, 2001



COOS COUNTY

445334071291701. Local number, CTW 73, Town of Colebrook.

LOCATION.--Lat 44°53'34", long 71°29'17", Hydrologic Unit 01080101, 0.5 mi east from the junction of Routes 3 and 26 in Colebrook, approximately 450 ft south of Route 26, and 100 ft south of the Mohawk River.  
 Owner: Lemieux's Ski-Doo Shop.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 27 ft.

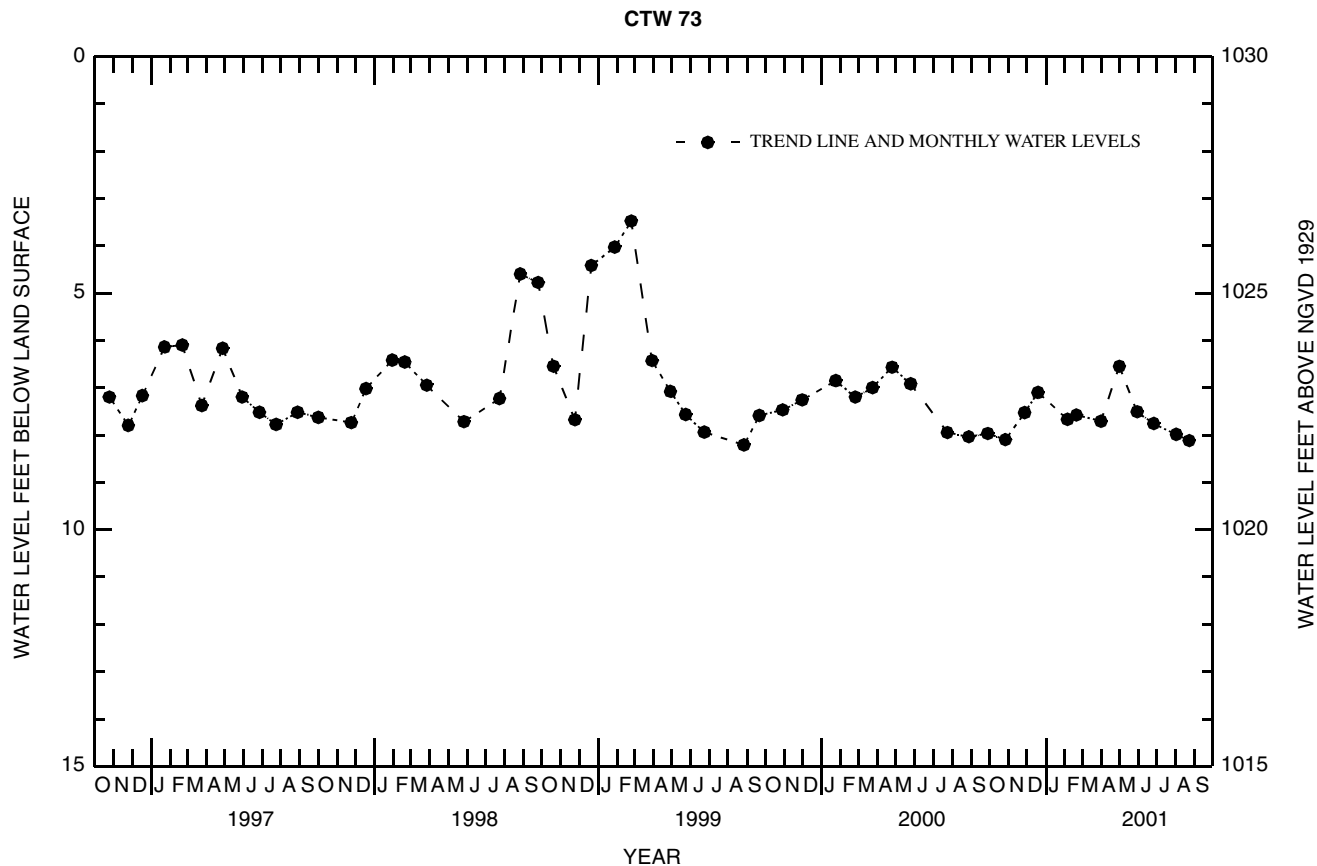
DATUM.--Elevation of land-surface datum is 1,030 ft above sea level from topographic map. Measuring point: Top of casing, 3.2 ft above land-surface datum.

PERIOD OF RECORD.--June 1992, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.48 ft below land-surface datum, February 24, 1999; lowest measured, 8.21 ft below land-surface datum, August 27, 1999.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	8.10	FEB 20	7.58	JUN 26	7.76
NOV 27	7.53	APR 01	7.71	AUG 02	7.99
DEC 19	7.10	MAY 01	6.55	23	8.12
FEB 05	7.67	30	7.51		
WATER YEAR 2001      HIGHEST    6.55    MAY 01, 2001      LOWEST    8.12    AUG 23, 2001					



GROUND-WATER LEVELS IN NEW HAMPSHIRE

COOS COUNTY

444733071094901. Local number, ETW 1, Town of Errol.

LOCATION.--Lat 44°47'33", long 71°09'49", Hydrologic Unit 01040001, southwest side of State Highway 26, 1.8 mi northwest of the center of Errol.

Owner: U.S. Geological Survey.

AQUIFER.--Very fine sand and silt of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 1.25 in., depth 30 ft.

DATUM.--Elevation of land-surface datum is 1,245 ft above sea level from topographic map. Measuring point: Top of casing, 3.00 ft above land-surface datum.

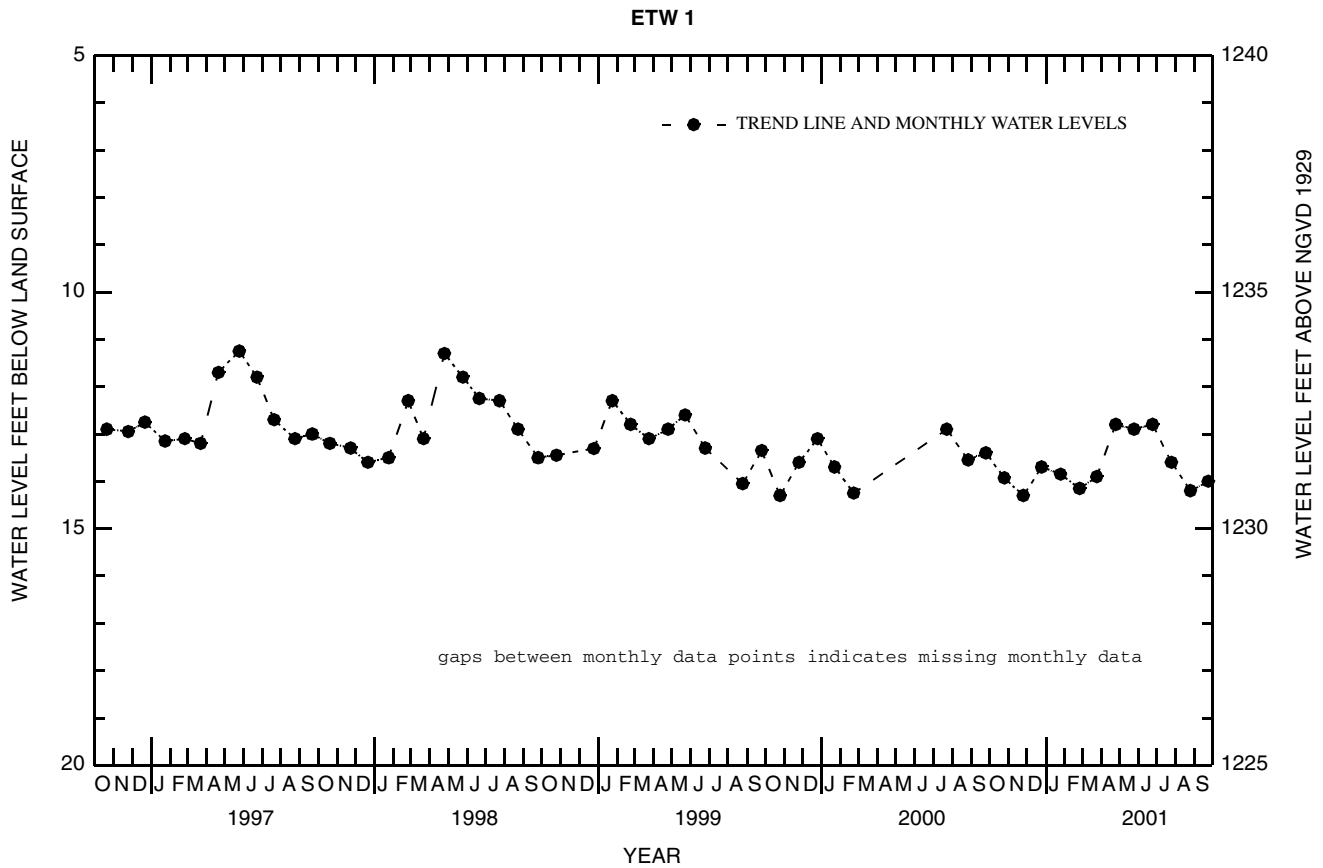
PERIOD OF RECORD.--November 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.4 ft below land-surface datum, May 22, 1969; lowest measured, 14.30 ft below land-surface datum, October 25, 1999, November 25, 2000.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	13.93	FEB 25	14.15	JUN 24	12.80
NOV 25	14.30	MAR 25	13.90	JUL 25	13.60
DEC 25	13.70	APR 25	12.80	AUG 25	14.20
JAN 25	13.85	MAY 25	12.90	SEP 23	14.00

WATER YEAR 2001    HIGHEST 12.80 APR 25, 2001    LOWEST 14.30 NOV 25, 2000



COOS COUNTY

442830071321001. Local number, LCW 1, Town of Lancaster.

LOCATION.--Lat 44°28'30", long 71°32'10", Hydrologic Unit 01080101, in gravel pit about 1,100 ft southwest of Middle Street, 2.2 mi southeast of U.S. Highway 3, and 2.0 mi southeast of the center of Lancaster.

Owner: Forbes Farm Partnership.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Driven, unused test well, diameter 2.5 in., depth 30 ft.

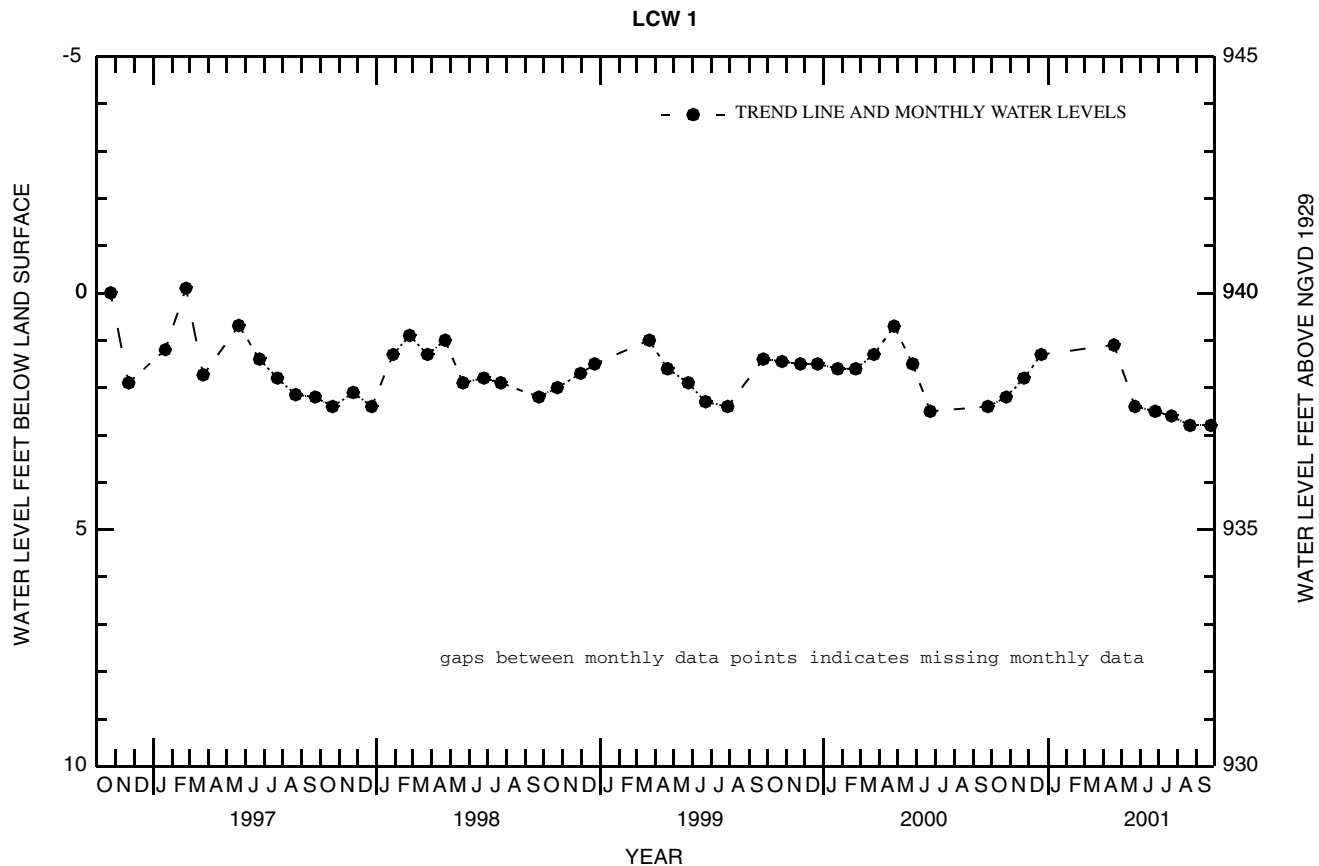
DATUM.--Elevation of land-surface datum is 940 ft above sea level from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--November 1966 to May 1980, April 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, flowing at 1.0 ft above land-surface datum, April 26, 1970, April 28, 1972, December 21, 1982, February 21, March 21, 1986, March 27, 1987; lowest measured, 2.80 ft below land-surface datum, August 21, 2001, September 24, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	2.20	APR 19	1.10	JUL 22	2.60
NOV 23	1.80	MAY 23	2.40	AUG 21	2.80
DEC 21	1.30	JUN 25	2.50	SEP 24	2.80
WATER YEAR 2001      HIGHEST    1.10    APR 19, 2001      LOWEST    2.80    AUG 21, 2001    SEP 24, 2001					





GROUND-WATER LEVELS IN NEW HAMPSHIRE

COOS COUNTY

442450071052301. Local number, SJW 2, Town of Shelburne.

LOCATION.--Lat 44°24'50", long 71°05'23", Hydrologic Unit 01040001, 1.2 mi northwest of Shelburne, approximately 300 ft south of North Rd., and 1,000 ft north of the Androscoggin River.

Owner: Oxford Paper Company.

AQUIFER.-- Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 40.7 ft.

DATUM.--Elevation of land-surface datum is 700 ft above sea level from topographic map. Measuring point: Top of casing, 2.2 ft above land-surface datum.

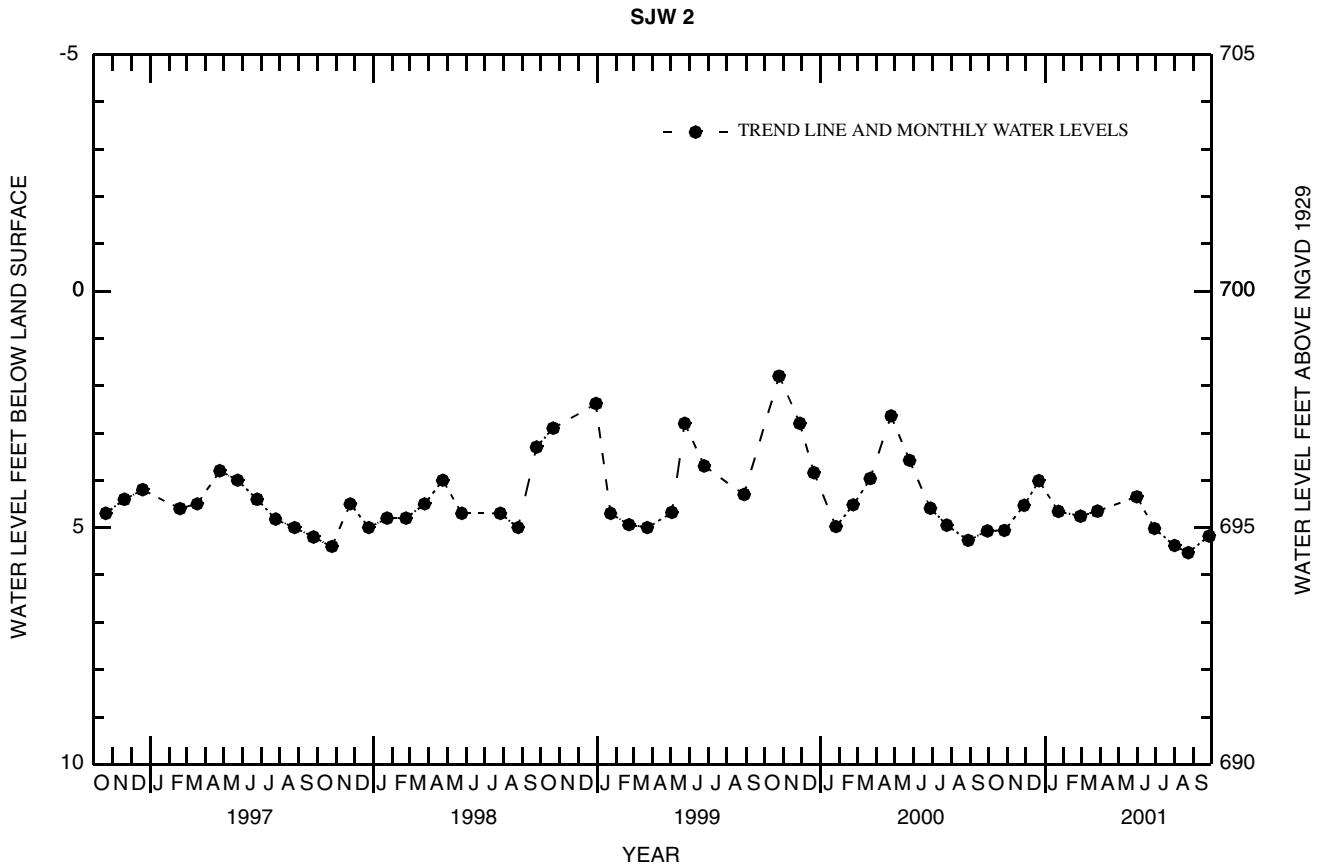
PERIOD OF RECORD.--September 1991, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.00 ft below land-surface datum (at land-surface), November 28, 1995; lowest measured, 5.53 ft below land-surface datum, August 23, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	5.06	FEB 28	4.76	AUG 01	5.38
NOV 28	4.53	MAR 28	4.65	23	5.53
DEC 22	4.01	MAY 31	4.35	SEP 26	5.18
JAN 23	4.66	JUN 29	5.02		

WATER YEAR 2001    HIGHEST    4.01    DEC 22, 2000    LOWEST    5.53    AUG 23, 2001



GRAFTON COUNTY

434952071390901. Local number, CBW 34, Town of Campton.

LOCATION.--Lat 43°49'52", long 71°39'09", Hydrologic Unit 01070001, approximately 600 ft northeast of Beebe River Station on east side of railroad tracks in Campton, about 1,000 ft east from I-93.

Owner: Beebe River Wood Products.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, depth 107 ft.

DATUM.--Elevation of land-surface datum is 541 ft above sea level. Measuring point: Top of casing, 2.6 ft above land-surface datum.

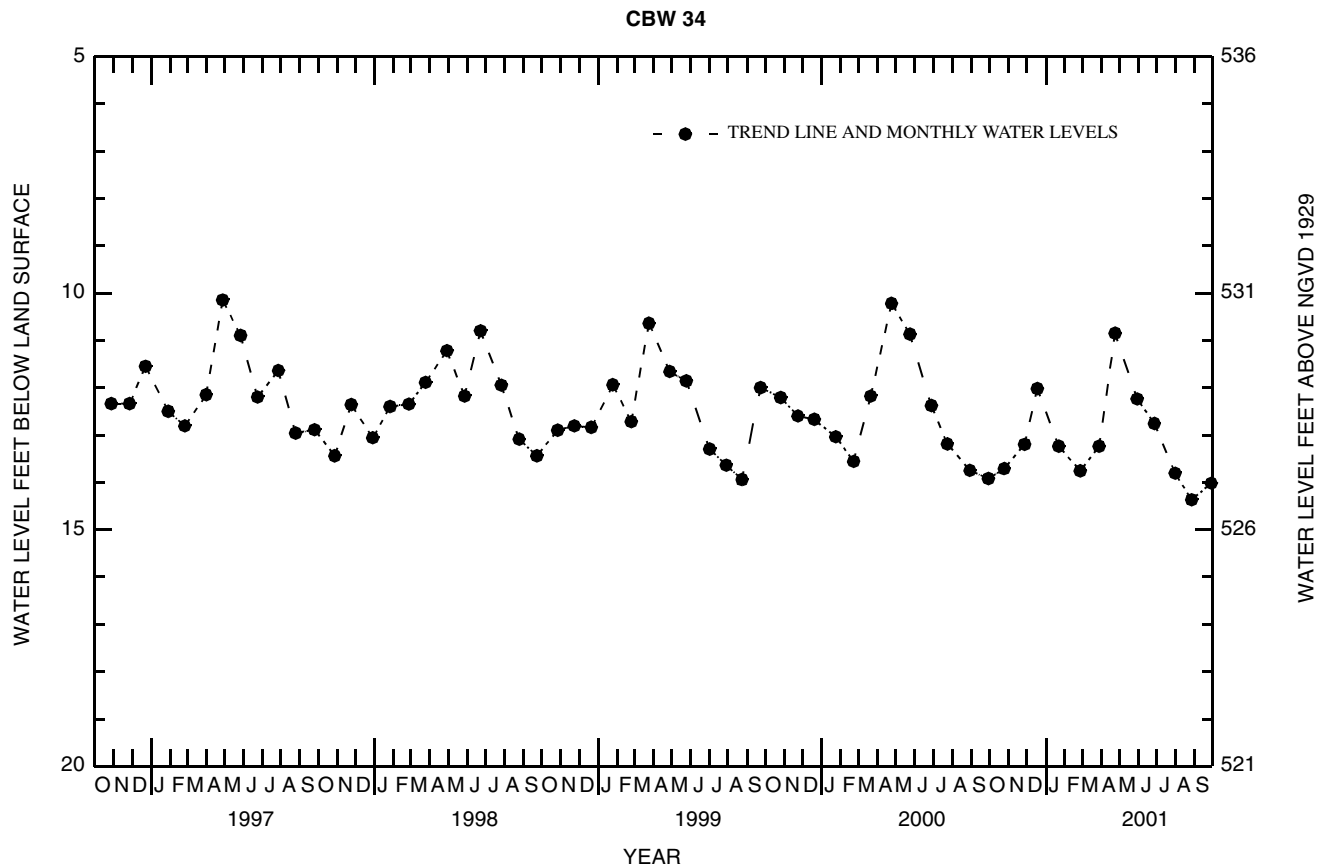
PERIOD OF RECORD.--June 1988, to August 1989, May 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.15 ft below land-surface datum, April 28, 1997; lowest measured, 14.37 ft below land-surface datum, August 27, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	13.71	FEB 26	13.76	JUN 27	12.76
NOV 27	13.20	MAR 29	13.24	JUL 31	13.81
DEC 18	12.02	APR 24	10.85	AUG 27	14.37
JAN 22	13.24	MAY 30	12.24	SEP 28	14.02

WATER YEAR 2001      HIGHEST    10.85    APR 24, 2001      LOWEST    14.37    AUG 27, 2001



GROUND-WATER LEVELS IN NEW HAMPSHIRE

GRAFTON COUNTY

433616072074001. Local number, ENW 30, Town of Enfield.

LOCATION.--Lat 43°36'16", long 72°07'40", Hydrologic Unit 01080104, 50 ft north from the junction of Route 4A and Lakeview Drive in Enfield, and about 600 ft from the southeastern corner of Mascoma Lake.

Owner: U.S. Geological Survey.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 37.5 ft.

DATUM.--Elevation of land-surface datum is 758 ft above sea level. Measuring point: Top of casing, 2.8 ft above land-surface datum.

PERIOD OF RECORD.--May 1990 to October 1991, April 1995 to current year.

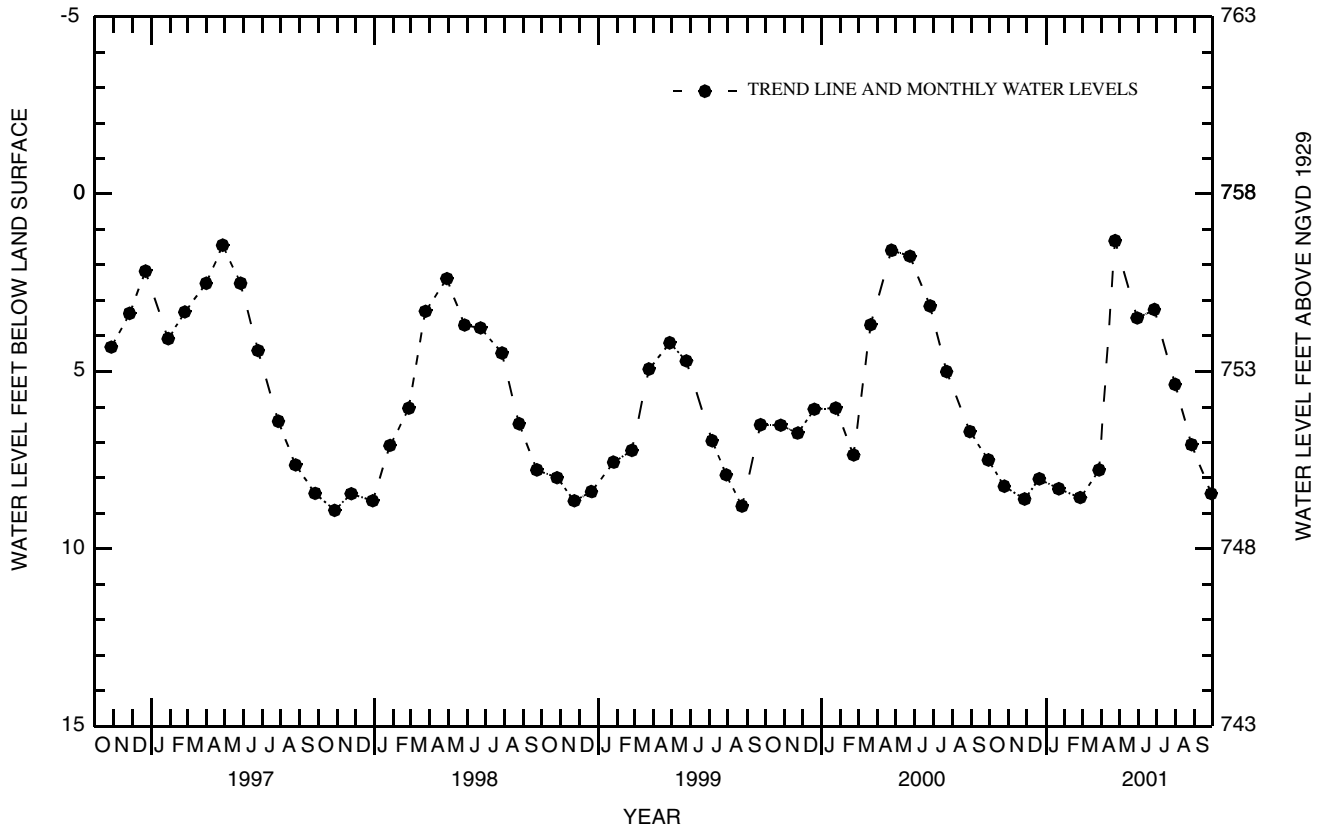
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.32 ft below land-surface datum, April 24, 2001; lowest measured, 8.92 ft below land-surface datum, October 28, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	8.24	FEB 26	8.56	JUN 27	3.26
NOV 27	8.60	MAR 29	7.78	JUL 31	5.37
DEC 21	8.03	APR 24	1.32	AUG 27	7.07
JAN 22	8.31	MAY 30	3.50	SEP 28	8.45

WATER YEAR 2001    HIGHEST    1.32    APR 24, 2001    LOWEST    8.60    NOV 27, 2000

ENW 30



GRAFTON COUNTY

441401071531501. Local number, LLW 19, Town of Lisbon.

LOCATION.--Lat 44°14'01", long 71°53'15", Hydrologic Unit 01080101, 0.4 mi southwest from the junction of Routes 302 and 117 in Lisbon, and approximately 75 ft east of Route 302.

Owner: Lester Presby.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 42 ft.

DATUM.--Elevation of land-surface datum is 590 ft above sea level from topographic map. Measuring point: Top of casing, 2.7 ft above land-surface datum.

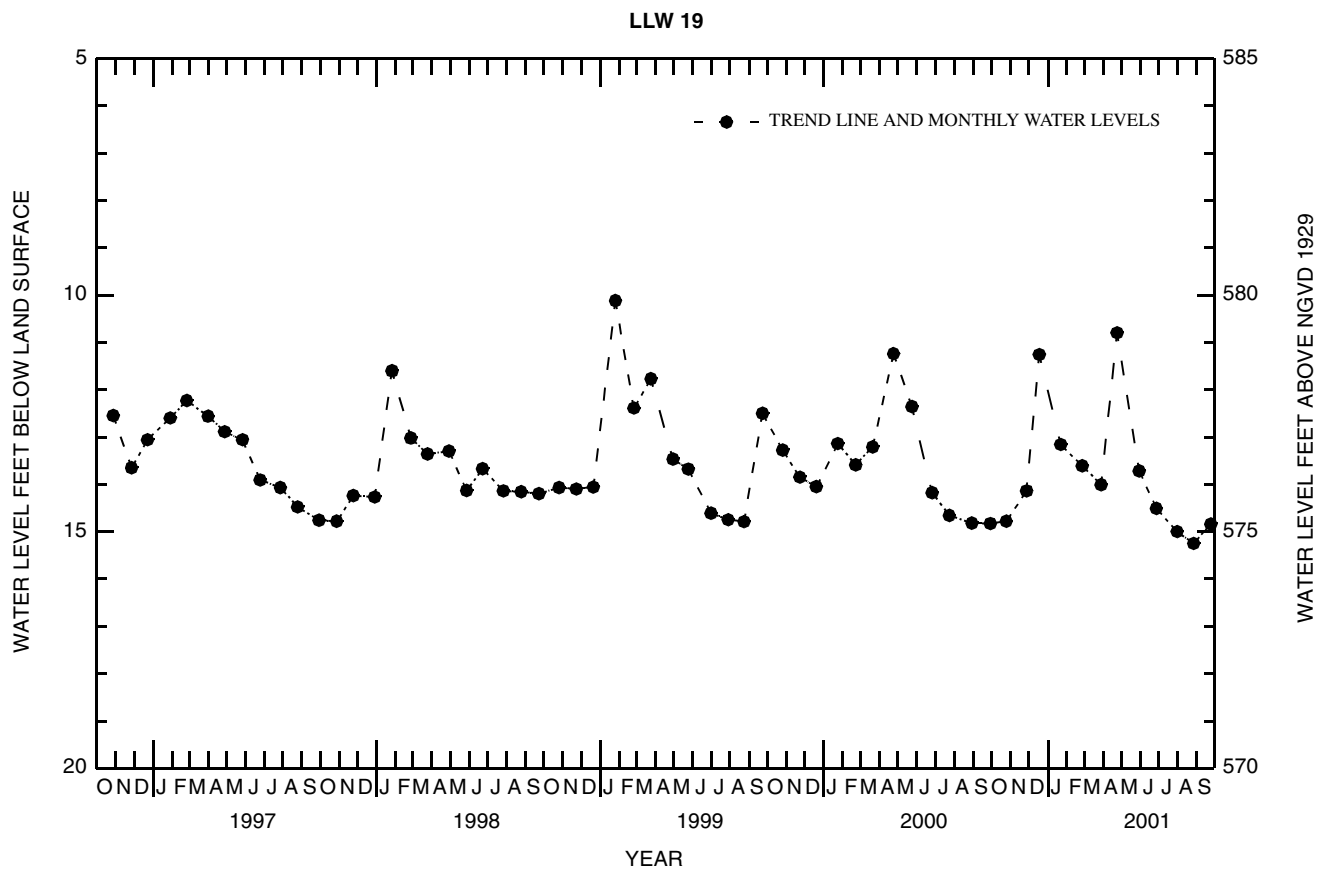
PERIOD OF RECORD.--December 1990 to October 1991, May 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.12 ft below land-surface datum, January 26, 1999; lowest measured, 15.25 ft below land-surface datum, August 27, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	14.78	FEB 26	13.61	JUN 27	14.51
NOV 27	14.14	MAR 29	14.01	JUL 31	15.00
DEC 18	11.26	APR 24	10.80	AUG 27	15.25
JAN 22	13.16	MAY 30	13.72	SEP 24	14.84

WATER YEAR 2001    HIGHEST    10.80    APR 24, 2001    LOWEST    15.25    AUG 27, 2001



GROUND-WATER LEVELS IN NEW HAMPSHIRE

HILLSBOROUGH COUNTY

425744071532001. Local number, GSW 75, Town of Greenfield.

LOCATION.--Lat 42°57'44", long 71°53'20", Hydrologic Unit 01070003, in Greenfield State Park, 1.1 mi northwest from Greenfield and about 0.2 mi southwest from Route 31.

Owner: U.S. Geological Survey.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused test well, diameter 2 in., depth 68 ft.

DATUM.--Elevation of land-surface datum is 882 ft above sea level. Measuring point: Top of casing, 0.9 ft above land-surface datum.

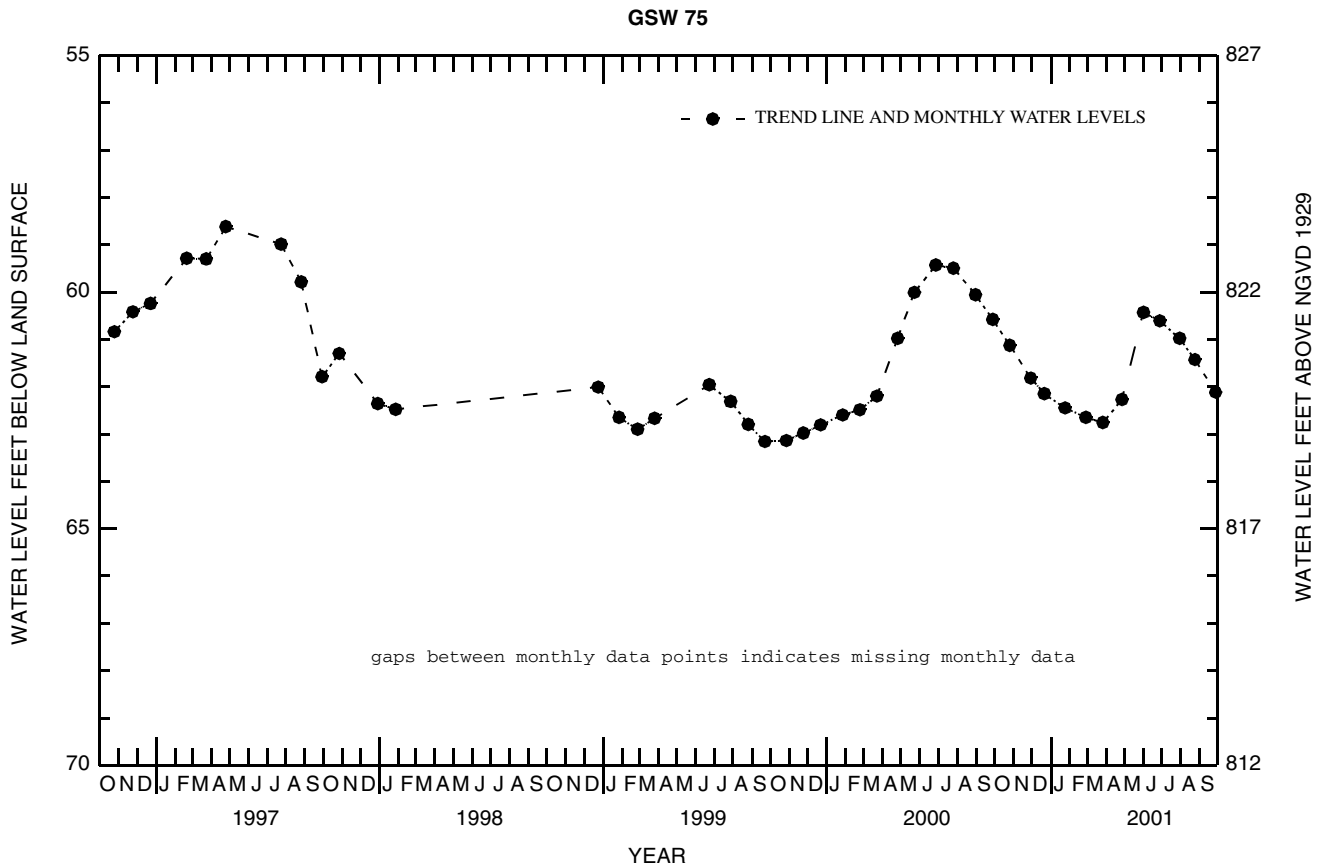
PERIOD OF RECORD.--July 1989, July 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.60 ft below land-surface datum, August 26, 1996; lowest measured, 62.76 ft below land-surface datum, March 27, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	61.13	FEB 27	62.65	JUN 28	60.61
NOV 29	61.82	MAR 27	62.76	JUL 30	60.98
DEC 21	62.15	APR 27	62.27	AUG 24	61.43
JAN 24	62.45	JUN 01	60.43	SEP 27	62.12

WATER YEAR 2001    HIGHEST    60.43    JUN 01, 2001    LOWEST    62.76    MAR 27, 2001



HILLSBOROUGH COUNTY

425024071413001. Local number, MOW 36, Town of Milford.

LOCATION.--Lat 42°50'24", long 71°41'30", Hydrologic Unit 01070002, 85 ft from north side of Old Wilton Road, about 550 ft west of the intersection of State Highway 101, and 2.2 mi west of the center of Milford.  
Owner: Leonard Cushing.

AQUIFER.--Sand of Pleistocene age.

WELL CHARACTERISTICS.--Dug, unused water-table well, diameter 36 in., depth 14.6 ft, lined with concrete.

INSTRUMENTATION.--Electronic water-level recorder with hourly readings. Prior to October 1994, monthly readings were published.

DATUM.--Elevation of land-surface datum is 263 ft above sea level (levels by U.S. Geological Survey). Previously published as about 265 ft above sea level. Measuring point: Top of concrete casing on south side of well, 1.60 ft above land-surface datum, elevation 264.34 ft above sea level (levels by U.S. Geological Survey).

REMARKS.--Record complete.

PERIOD OF RECORD.--January 1962 to current year. Prior to May 1966, published in New Hampshire Basic-Data Report No.2, Ground-Water Series.

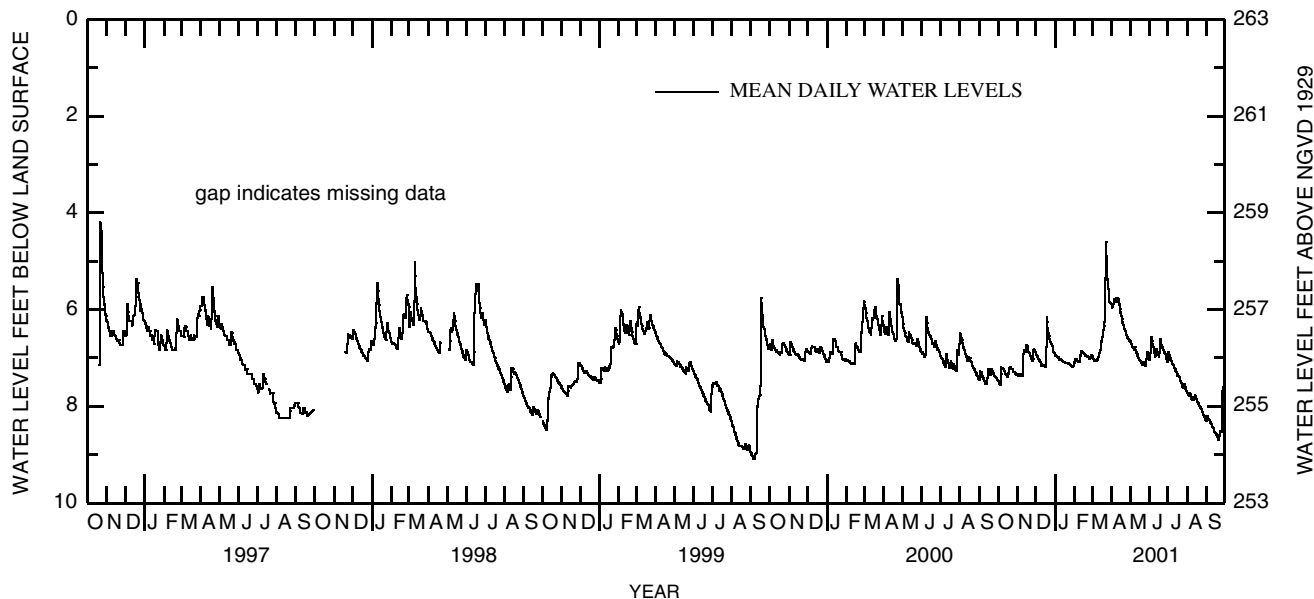
REVISED RECORDS.-- WRD NH-VT-00-1: 1999.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.94 ft below land-surface datum, October 22, 1996; lowest measured, 12.30 ft below land-surface datum, November 18, 1978.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.48	7.33	6.91	6.95	7.08	6.96	5.9	6.66	7.04	7.05	7.73	8.22
2	7.49	7.35	6.94	6.97	7.03	6.98	5.95	6.68	6.91	6.89	7.76	8.2
3	7.51	7.37	6.97	6.97	7.03	7.02	5.96	6.71	6.64	6.95	7.79	8.26
4	7.54	7.37	7	6.98	7.05	7.05	5.9	6.73	6.58	7.01	7.74	8.29
5	7.56	7.37	7.02	6.99	7.06	7.05	5.8	6.77	6.65	7.04	7.75	8.28
6	7.34	7.34	7.05	7	7.07	7.05	5.78	6.8	6.72	7.06	7.79	8.32
7	7.20	7.35	7.06	7.02	7.08	7.07	5.85	6.82	6.78	7.1	7.81	8.34
8	7.20	7.37	7.08	7.03	7.09	7.07	5.78	6.84	6.84	7.13	7.84	8.37
9	7.22	7.38	7.12	7.03	7.07	7.05	5.76	6.78	6.89	7.14	7.87	8.4
10	7.24	7.26	7.16	7.04	6.96	7.02	5.77	6.84	6.94	7.17	7.87	8.44
11	7.27	6.93	7.17	7.05	6.87	6.99	5.85	6.89	6.97	7.2	7.82	8.46
12	7.31	6.84	7.15	7.06	6.86	6.96	5.85	6.93	6.81	7.23	7.84	8.49
13	7.33	6.85	7.17	7.07	6.88	6.9	5.79	6.97	6.82	7.26	7.77	8.53
14	7.35	6.87	7.15	7.08	6.89	6.84	5.9	7	6.89	7.29	7.79	8.54
15	7.39	6.75	7.18	7.09	6.9	6.78	5.99	7.03	6.94	7.33	7.85	8.55
16	7.4	6.73	7.18	7.09	6.91	6.67	6.06	7.05	6.99	7.37	7.89	8.57
17	7.34	6.76	6.77	7.1	6.92	6.58	6.13	7.07	6.9	7.37	7.92	8.6
18	7.32	6.83	6.17	7.1	6.95	6.51	6.2	7.08	6.61	7.37	7.94	8.64
19	7.21	6.87	6.26	7.1	6.96	6.43	6.27	7.1	6.66	7.41	7.96	8.67
20	7.19	6.9	6.38	7.11	6.97	6.35	6.33	7.13	6.74	7.44	7.99	8.7
21	7.19	6.93	6.48	7.11	6.96	6.26	6.38	7.15	6.77	7.48	8.01	8.61
22	7.22	6.96	6.54	7.13	6.98	5.35	6.41	7.15	6.79	7.51	8.03	8.51
23	7.24	7	6.61	7.13	6.98	4.61	6.45	7.09	6.83	7.56	8.06	8.51
24	7.24	7.03	6.67	7.14	7.01	4.89	6.48	7.1	6.86	7.59	8.09	8.53
25	7.26	7.06	6.7	7.15	7.02	5.14	6.53	7.14	6.89	7.63	8.12	8.23
26	7.29	7.03	6.71	7.15	7	5.38	6.57	7.16	6.93	7.59	8.15	7.69
27	7.3	6.84	6.76	7.16	6.96	5.59	6.58	7.02	6.97	7.55	8.18	7.63
28	7.32	6.83	6.82	7.17	6.95	5.75	6.61	6.92	7.02	7.6	8.21	7.6
29	7.34	6.84	6.87	7.18	---	5.84	6.63	6.89	7.06	7.65	8.24	7.58
30	7.36	6.87	6.9	7.17	---	5.87	6.65	6.93	7.09	7.68	8.28	7.57
31	7.33	---	6.92	7.1	---	5.88	---	6.98	---	7.7	8.31	---
MEAN	7.32	7.04	6.87	7.08	6.98	6.38	6.14	6.95	6.85	7.33	7.95	8.31
MAX	7.56	7.38	7.18	7.18	7.09	7.07	6.65	7.16	7.09	7.70	8.31	8.70
MIN	7.19	6.73	6.17	6.95	6.86	4.61	5.76	6.66	6.58	6.89	7.73	7.57
CAL YR 2000	MEAN 6.86	HIGH 5.37	LOW 7.56									
WTR YR 2001	MEAN 7.10	HIGH 4.61	LOW 8.70									

MOW 36



GROUND-WATER LEVELS IN NEW HAMPSHIRE

HILLSBOROUGH COUNTY

424800071295301. Local number, NAW 218, City of Nashua.

LOCATION.--Lat 42°48'00", long 71°29'53", Hydrologic Unit 01070002, 57 ft east of edge of pavement of northbound lane of Everett Turnpike, about 0.63 mi north of Tinker Road overpass, and 2.8 mi northwest of the center of Nashua.

Owner: New Hampshire Department of Transportation.

AQUIFER.--Sand of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 42.5 ft.

DATUM.--Elevation of land-surface datum is 205 ft above sea level from topographic map. Measuring point: Top of casing, 3.1 ft above land-surface datum.

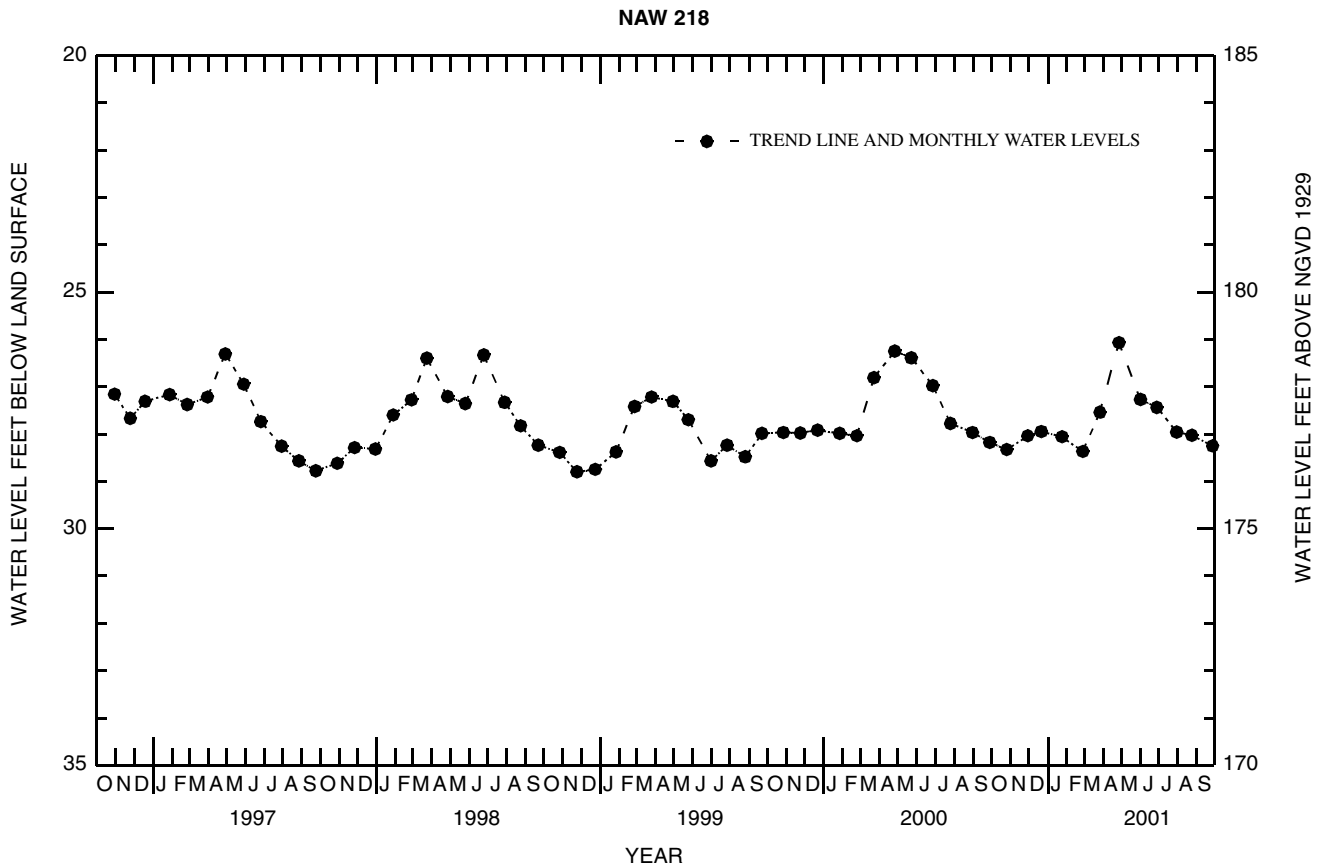
PERIOD OF RECORD.--October 1964 to current year. Prior to June 1966, published in New Hampshire Basic-Data Report No. 2, Ground-Water Series.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.07 ft below land-surface datum, April 27, 2001; lowest measured, 33.10 ft below land-surface datum, November 25, 1964.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	28.33	FEB 27	28.37	JUN 28	27.44
NOV 29	28.04	MAR 27	27.54	JUL 30	27.96
DEC 21	27.95	APR 27	26.07	AUG 24	28.03
JAN 24	28.06	JUN 01	27.27	SEP 27	28.25

WATER YEAR 2001    HIGHEST    26.07    APR 27, 2001    LOWEST    28.37    FEB 27, 2001



MERRIMACK COUNTY

431224071303601. Local number, CVW 2, City of Concord.

LOCATION.--Lat 43°12'24", long 71°30'36", Hydrologic Unit 01070002, about 100 ft north of the Federal Aeronautics Administration Building at Concord Municipal Airport.

Owner: U.S. Geological Survey.

AQUIFER.--Sand of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 60 ft.

DATUM.--Elevation of land-surface datum is 340 ft above sea level from topographic map. Measuring point: Top of casing, 3.00 ft above land-surface datum.

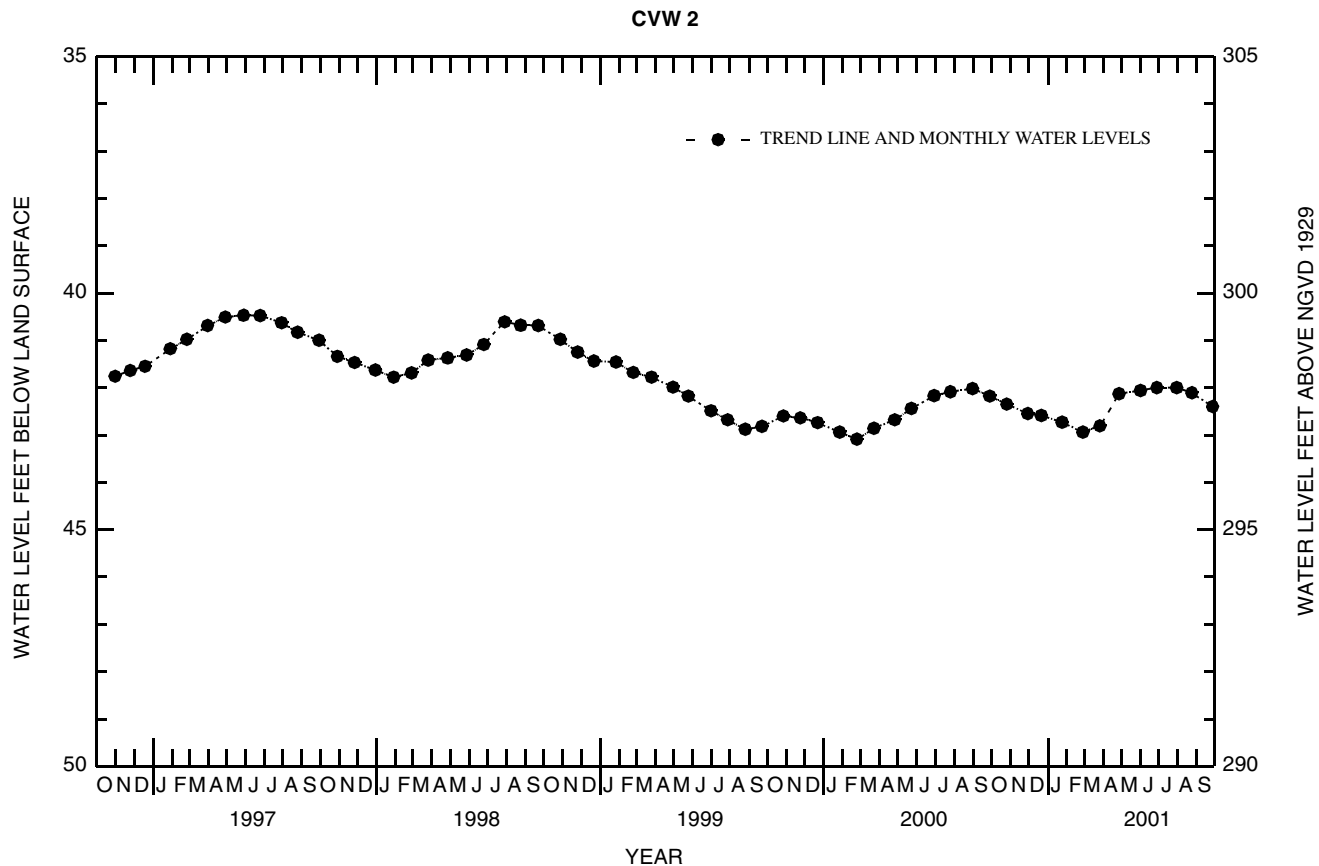
PERIOD OF RECORD.--August 1963 to May 1965, August 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.85 ft below land-surface datum, August 27, 1973; lowest measured, 42.94 ft below land-surface datum, February 27, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	42.35	FEB 27	42.94	JUN 28	42.00
NOV 29	42.55	MAR 27	42.81	JUL 30	42.00
DEC 21	42.59	APR 27	42.13	AUG 24	42.11
JAN 24	42.73	JUN 01	42.06	SEP 27	42.40

WATER YEAR 2001    HIGHEST    42.00    JUN 28, 2001    JUL 30, 2001    LOWEST    42.94    FEB 27, 2001





GROUND-WATER LEVELS IN NEW HAMPSHIRE

MERRIMACK COUNTY

431049071324301. Local number, CVW 4, City of Concord.

LOCATION.--Lat 43°10'49", long 71°32'43", Hydrologic Unit 01070002, north side of Iron Works Road, about 700 ft west of South Street, and 1.8 mi southwest of the State House in Concord.

Owner: U.S. Geological Survey.

AQUIFER.--Lacustrine silty fine sands and clays of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 1.25 in., depth 40.71 ft.

DATUM.--Elevation of land-surface datum is 285 ft above sea level from topographic map. Measuring point: Top of casing, 3.8 ft above land-surface datum.

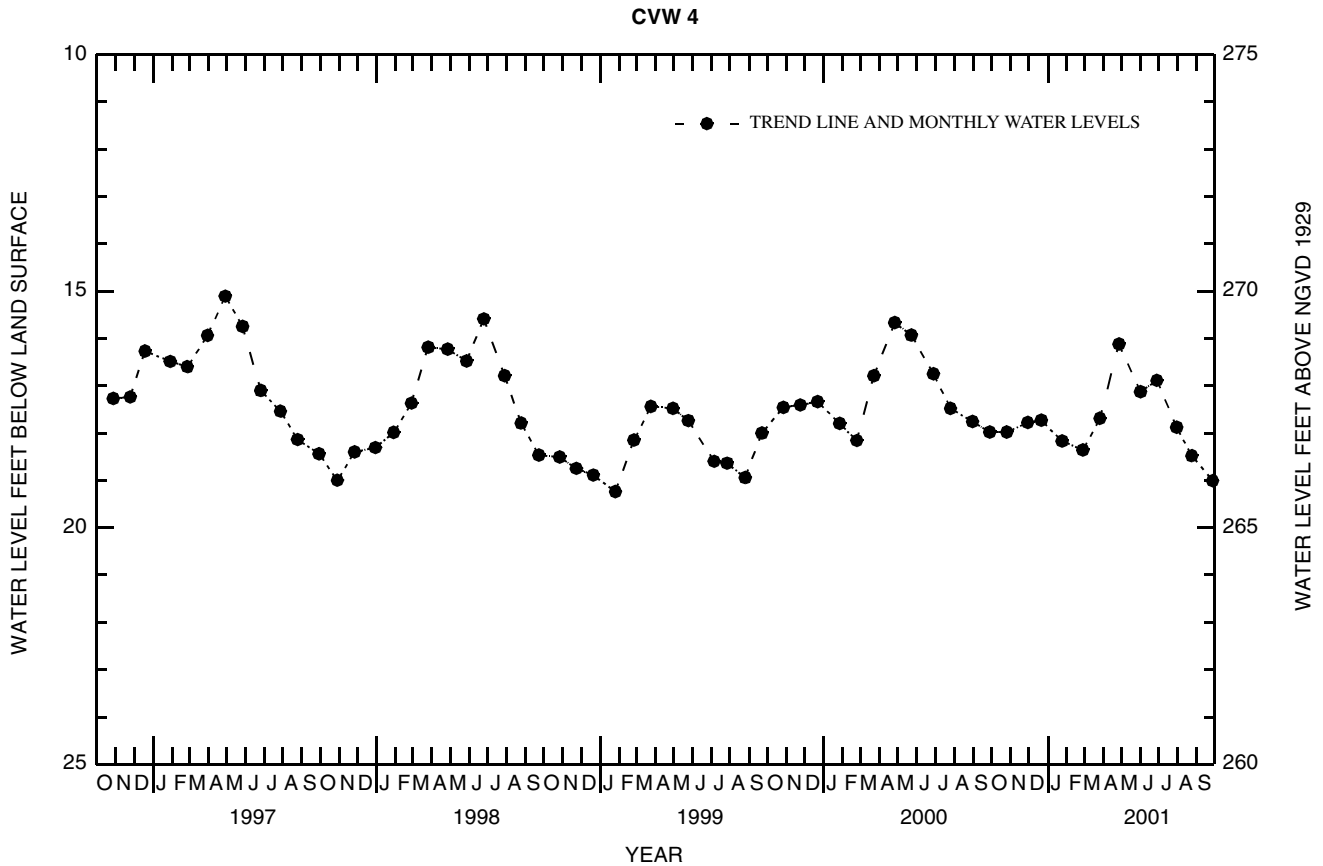
PERIOD OF RECORD.--November 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.94 ft below land-surface datum, June 5, 1984; lowest measured, 20.30 ft below land-surface datum, January 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	17.98	FEB 27	18.36	JUN 28	16.89
NOV 29	17.78	MAR 27	17.69	JUL 30	17.88
DEC 21	17.73	APR 27	16.12	AUG 24	18.48
JAN 24	18.17	JUN 01	17.13	SEP 27	19.01

WATER YEAR 2001    HIGHEST    16.12    APR 27, 2001    LOWEST    19.01    SEP 27, 2001



MERRIMACK COUNTY

432428071390701. Local number, FKW 1, Town of Franklin.

LOCATION.--Lat 43°24'28", long 71°39'09", Hydrologic Unit 01070002, about 700 ft northeast from entrance to Holy Cross Convent on U.S. Highway 3, and 2.5 mi south of Franklin.

Owner: Holy Cross Convent.

AQUIFER.--Sand of Pleistocene age.

WELL CHARACTERISTICS.--Unused water-table well, diameter 2.5 in., depth 52.3 ft.

DATUM.--Elevation of land-surface datum is 290 ft above sea level from topographic map. Measuring point: Top of casing, 1.80 ft above land-surface datum.

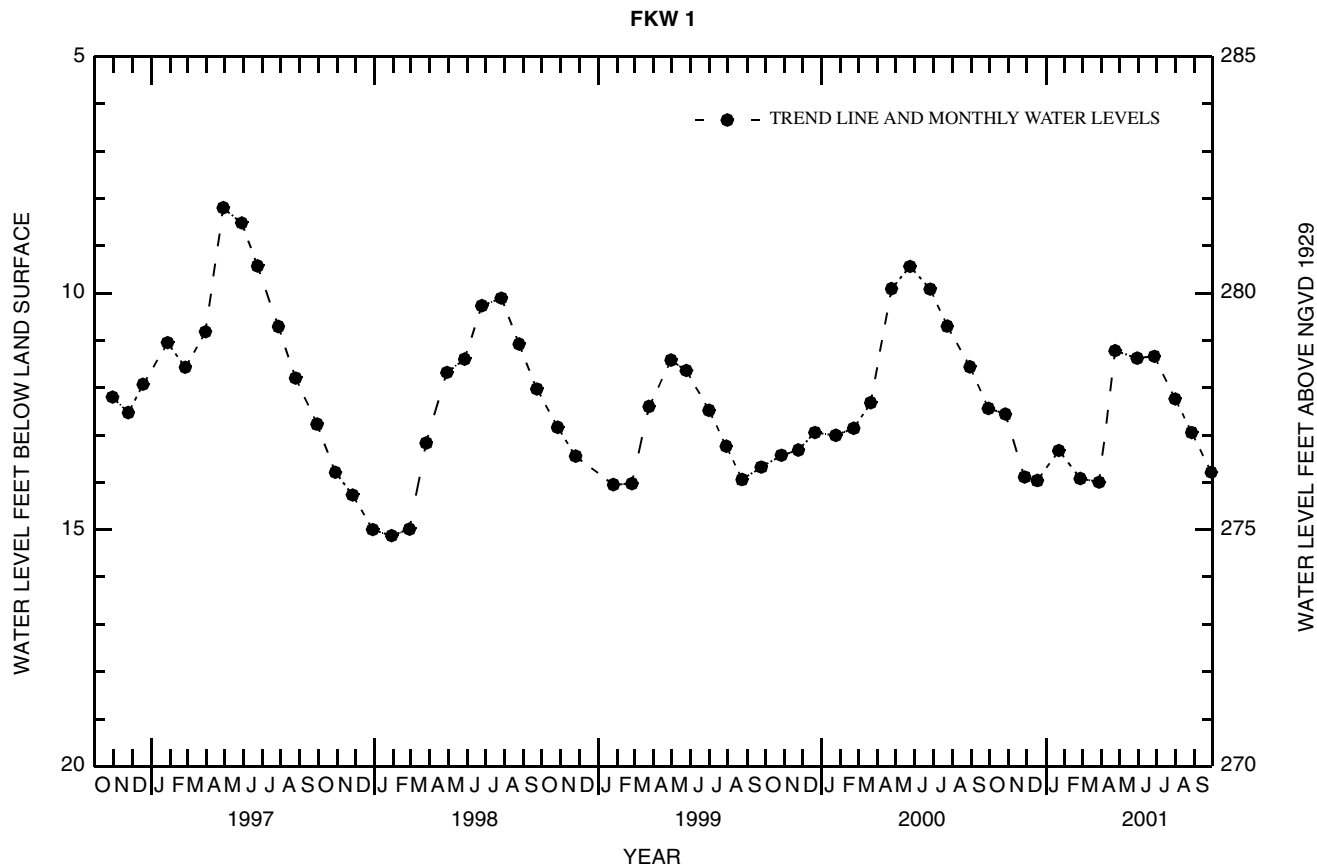
PERIOD OF RECORD.--October 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.18 ft below land-surface datum, June 5, 1984; lowest measured, 16.27 ft below land-surface datum, January 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	12.56	FEB 26	13.92	JUN 27	11.34
NOV 27	13.89	MAR 29	14.00	JUL 31	12.24
DEC 18	13.96	APR 24	11.22	AUG 27	12.95
JAN 22	13.33	MAY 30	11.38	SEP 28	13.79

WATER YEAR 2001      HIGHEST    11.22    APR 24, 2001      LOWEST    14.00    MAR 29, 2001



GROUND-WATER LEVELS IN NEW HAMPSHIRE

MERRIMACK COUNTY

430235071275501. Local number, HTW 5, Town of Hooksett.

LOCATION.--Lat 43°02'35", long 71°27'55", Hydrologic Unit 01070002, within southeastern cloverleaf of intersection of U.S. Highway 3A and Interstate Highway 93, 3.7 mi south of the center of Hooksett.

Owner: New Hampshire Department of Transportation.

AQUIFER.--Crystalline rock of Devonian age.

WELL CHARACTERISTICS.--Drilled, unused bedrock well, diameter 6 in., depth 102.73 ft.

DATUM.--Elevation of land-surface datum is 258.93 ft above sea level from topographic map. Measuring point: Top of casing, 3.00 ft above land-surface datum.

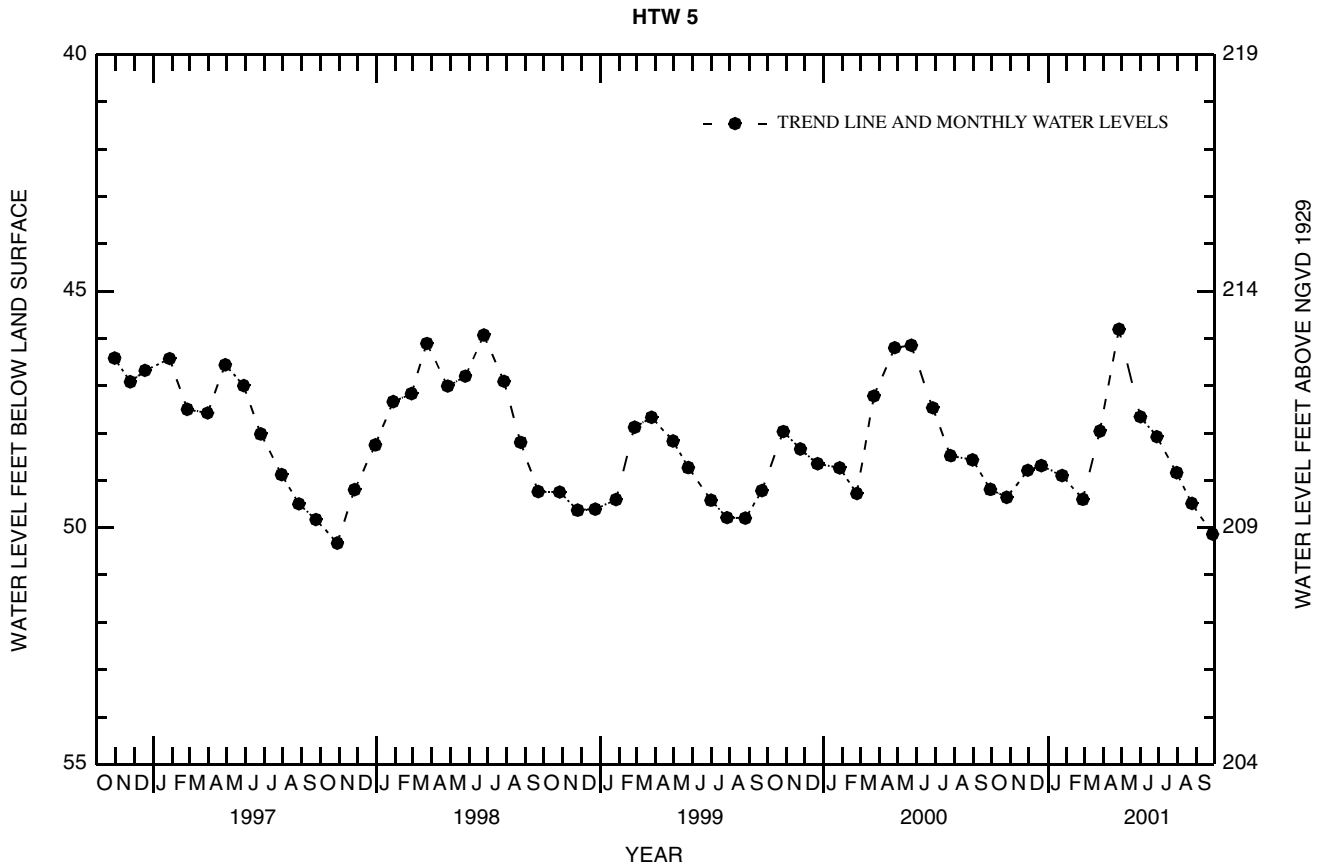
PERIOD OF RECORD.--April 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.69 ft below land-surface datum, April 28, 1967; lowest measured, 51.96 ft below land-surface datum, February 10, 1966.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	49.36	FEB 27	49.40	JUN 28	48.08
NOV 29	48.79	MAR 27	47.96	JUL 30	48.84
DEC 21	48.69	APR 27	45.81	AUG 24	49.49
JAN 24	48.90	JUN 01	47.66	SEP 27	50.14

WATER YEAR 2001      HIGHEST    45.81    APR 27, 2001      LOWEST    50.14    SEP 27, 2001



MERRIMACK COUNTY

432343071570901. Local number, NLW 1, Town of New London.

LOCATION.--Lat 43°23'43", long 71°57'09", Hydrologic Unit 01070003, at north side of Golf Course Road, about 500 ft east of intersection of State Highway 114 and Golf Course Road, and 2.1 mi southeast of New London.

Owner: Peter Danforth.

AQUIFER.--Sandy till of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 36 in., depth 21 ft, lined with stone to 21 ft, open end.

DATUM.--Elevation of land-surface datum is 1,020 ft above sea level from topographic map. Measuring point: Edge of 0.75-in. hole in wooden cover, 2.9 ft above land-surface datum.

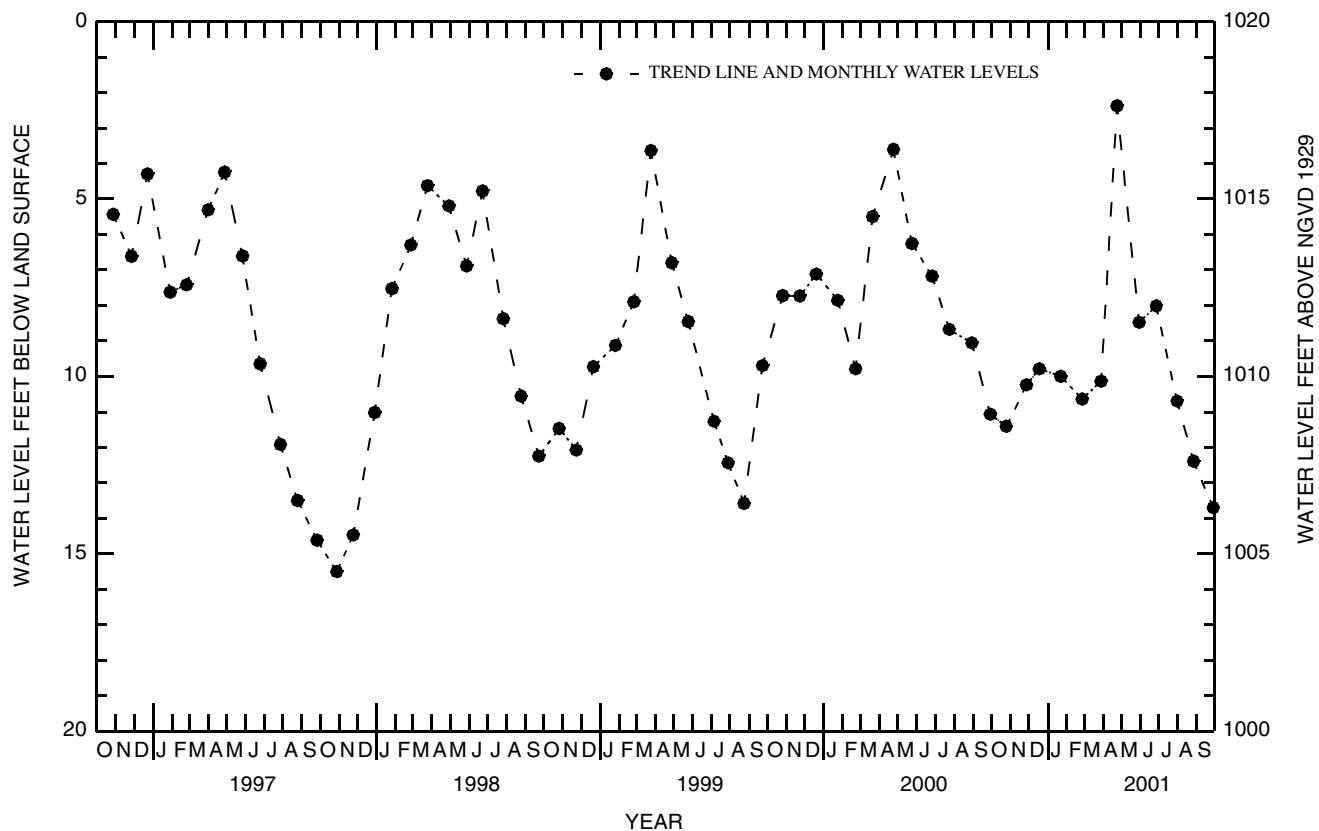
PERIOD OF RECORD.--October 1947 to current year. Prior to January 1956, published in Water Levels and Artesian Pressures in Observation Wells in the United States: Part 1. Northeastern States; U.S. Geological Survey Water-Supply Paper Series. January 1956 to November 1972, published in Ground-Water Levels in the United States, Northeastern States; U.S. Geological Survey Water-Supply Paper Series.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.80 ft below land-surface datum, April 2, 1963; lowest measured, 16.90 ft below land-surface datum, December 28, 1964.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	11.41	FEB 26	10.64	JUN 27	8.02
NOV 27	10.24	MAR 29	10.14	JUL 31	10.70
DEC 18	9.79	APR 24	2.38	AUG 27	12.39
JAN 22	10.00	MAY 30	8.48	SEP 28	13.70
WATER YEAR 2001 HIGHEST 2.38 APR 24, 2001		LOWEST 13.70 SEP 28, 2001			

NLW 1



GROUND-WATER LEVELS IN NEW HAMPSHIRE

MERRIMACK COUNTY

431540071452801. Local number, WCW 1, Town of Warner.

LOCATION.--Lat 43°15'40", long 71°45'28", Hydrologic Unit 01070003, 44 ft northeast of edge of pavement of northbound lane of Interstate Highway 89, about 2 mi southeast of State Highway 103 overpass in Warner.  
 Owner: New Hampshire Department of Transportation.

AQUIFER.--Sand and fine gravel of Pleistocene age.

WELL CHARACTERISTICS.--Driven, unused water-table well, diameter 2 in., depth 42.8 ft.

INSTRUMENTATION.--Electronic water-level recorder with hourly readings. Prior to March 1999, monthly readings were published.

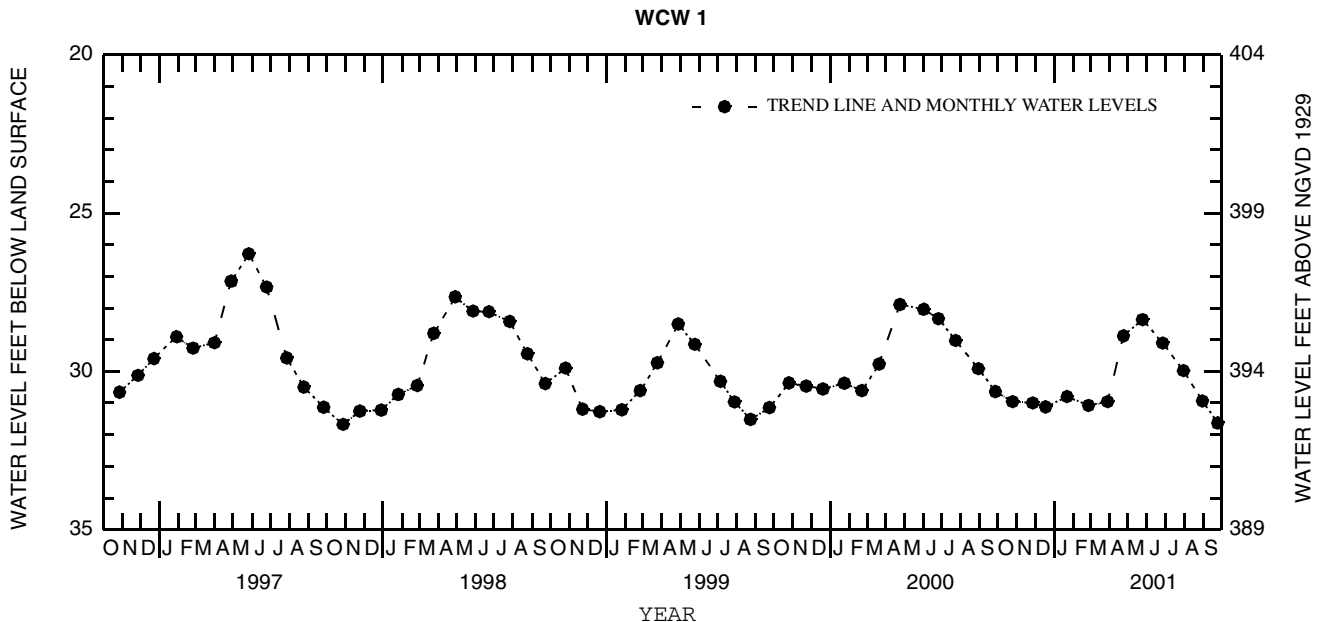
DATUM.--Elevation of land-surface datum is 424 ft above sea level from topographic map. Measuring point: Top of casing, 3.2 ft above land-surface datum.

PERIOD OF RECORD.--December 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.94 ft below land-surface datum, May 5, 1969; lowest measured, 33.82 ft below land-surface datum, December 17, 1965.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.72	31.12	31.08	30.68	30.91	31.11	30.84	28.23	28.58	29.20	30.01	30.96
2	30.74	31.13	31.08	30.67	30.92	31.12	30.81	28.17	28.61	29.23	30.03	30.99
3	30.76	31.14	31.08	30.66	30.93	31.13	30.78	28.12	28.63	29.26	30.06	31.02
4	30.78	31.15	31.07	30.66	30.94	31.14	30.75	28.07	28.65	29.28	30.09	31.05
5	30.80	31.16	31.06	30.65	30.94	31.14	30.72	28.04	28.67	29.30	30.12	31.08
6	30.82	31.17	31.06	30.65	30.95	31.15	30.69	28.03	28.69	29.33	30.15	31.11
7	30.84	31.18	31.06	30.65	30.96	31.16	30.66	28.01	28.71	29.36	30.17	31.14
8	30.85	31.19	31.07	30.65	30.98	31.17	30.62	27.99	28.72	29.39	30.20	31.17
9	30.87	31.20	31.09	30.65	30.98	31.18	30.57	27.98	28.74	29.41	30.23	31.20
10	30.88	31.20	31.10	30.66	30.98	31.19	30.52	27.97	28.77	29.43	30.26	31.22
11	30.90	31.21	31.10	30.66	30.99	31.20	30.46	27.98	28.79	29.44	30.30	31.25
12	30.92	31.22	31.10	30.68	31.00	31.21	30.38	27.98	28.81	29.47	30.33	31.28
13	30.93	31.22	31.13	30.69	31.00	31.21	30.28	28.03	28.82	29.50	30.36	31.31
14	30.94	31.22	31.13	30.70	31.00	31.22	30.17	28.04	28.84	29.52	30.39	31.34
15	30.96	31.22	31.15	30.70	31.00	31.23	30.05	28.06	28.86	29.55	30.42	31.37
16	30.98	31.21	31.16	30.71	31.01	31.24	29.91	28.11	28.87	29.58	30.45	31.40
17	30.99	31.20	31.14	30.73	31.02	31.25	29.77	28.13	28.89	29.61	30.48	31.42
18	31.00	31.20	31.12	30.74	31.03	31.26	29.63	28.16	28.91	29.64	30.51	31.45
19	31.01	31.19	31.06	30.74	31.04	31.27	29.50	28.18	28.93	29.66	30.55	31.48
20	31.02	31.17	31.01	30.76	31.04	31.27	29.37	28.22	28.95	29.69	30.58	31.51
21	31.03	31.15	30.97	30.77	31.05	31.28	29.25	28.25	28.97	29.71	30.61	31.54
22	31.04	31.14	30.92	30.80	31.06	31.25	29.13	28.28	28.99	29.74	30.64	31.56
23	31.05	31.14	30.89	30.80	31.06	31.22	29.01	28.31	29.01	29.76	30.67	31.59
24	31.05	31.14	30.85	30.81	31.08	31.16	28.89	28.34	29.04	29.79	30.71	31.61
25	31.06	31.13	30.82	30.83	31.08	31.12	28.78	28.37	29.06	29.81	30.74	31.63
26	31.07	31.12	30.79	30.84	31.08	31.07	28.68	28.40	29.09	29.84	30.77	31.66
27	31.08	31.10	30.77	30.84	31.09	31.02	28.57	28.42	29.11	29.87	30.80	31.68
28	31.09	31.10	30.74	30.86	31.10	30.99	28.48	28.45	29.13	29.90	30.83	31.70
29	31.09	31.09	30.72	30.88	---	30.95	28.39	28.48	29.16	29.93	30.86	31.71
30	31.10	31.08	30.70	30.88	---	30.91	28.31	28.51	29.18	29.95	30.90	31.73
31	31.11	---	30.69	30.89	---	30.87	---	28.55	---	29.98	30.92	---
MEAN	30.95	31.16	30.99	30.74	31.01	31.15	29.80	28.19	28.87	29.58	30.46	31.37
MAX	31.11	31.22	31.16	30.89	31.10	31.28	30.84	28.55	29.18	29.98	30.92	31.73
MIN	30.72	31.08	30.69	30.65	30.91	30.87	28.31	27.97	28.58	29.20	30.01	30.96
CAL YR 2000	MEAN 29.79	HIGH 27.69	LOW 31.22									
WTR YR 2001	MEAN 30.35	HIGH 27.97	LOW 31.73									



ROCKINGHAM COUNTY

430527071140101. Local number, DDW 46, Town of Deerfield.

LOCATION.--Lat 43°05'27", long 71°14'02", Hydrologic Unit 01060003, approximately 1.3 mi south from junction of Routes 107 and 43 and 25 ft east from Route 107, and about 4 mi south of Deerfield.

Owner: New Hampshire Department of Transportation.

AQUIFER.--Sand and fine gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 47.5 ft.

DATUM.--Elevation of land-surface datum is 272 ft above sea level from topographic map. Measuring point: Top of casing, 2.8 ft above land-surface datum.

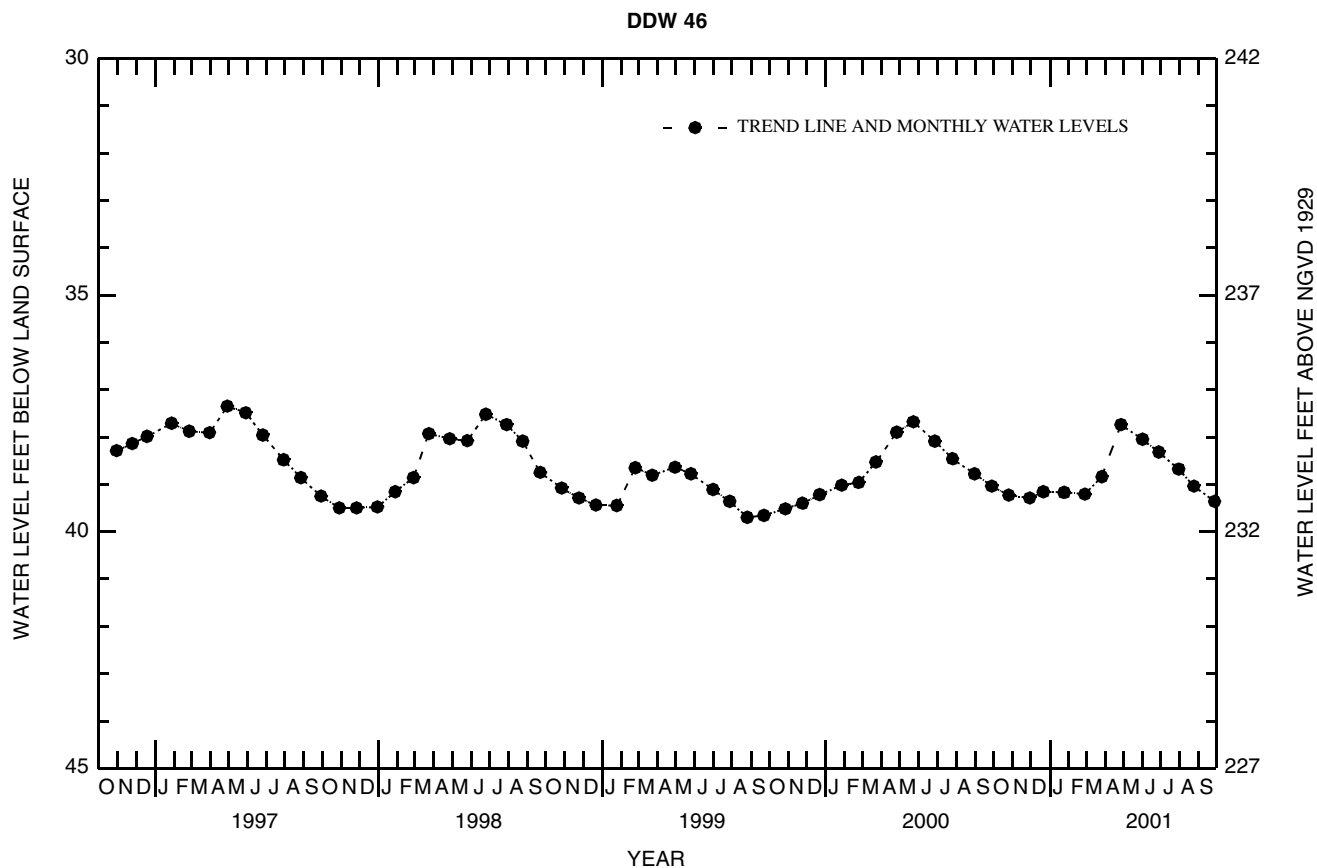
PERIOD OF RECORD.--November 1984 to May 1986, April 1989, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.35 ft below land-surface datum, April 29, 1997; lowest measured, 39.89 ft below land-surface datum, September 29, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	39.23	FEB 27	39.21	JUN 28	38.32
NOV 29	39.29	MAR 27	38.84	JUL 30	38.68
DEC 21	39.16	APR 27	37.74	AUG 24	39.04
JAN 24	39.17	JUN 01	38.05	SEP 27	39.36

WATER YEAR 2001      HIGHEST    37.74    APR 27, 2001      LOWEST    39.36    SEP 27, 2001



GROUND-WATER LEVELS IN NEW HAMPSHIRE

STRAFFORD COUNTY

430721071005001. Local number, LIW 1, Town of Lee.

LOCATION.--Lat 43°07'21", long 71°00'50", Hydrologic Unit 01060003, southwest side of Bennett Road about 200 ft from the west corner of the Lee Town Green.

Owner: Brenda Nye.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 40 in., depth 32.8 ft, lined with stone to 32.8 ft.

DATUM.--Elevation of land-surface datum is 190 ft above sea level from topographic map. Measuring point: Top edge of board across well opening, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--November 1953 to current year. Prior to January 1958, published in New Hampshire Basic-Data Report No. 1, Ground-Water Series. Prior to January 1956, published in Water Levels and Artesian Pressures in Observation Wells in the United States: Part 1. Northeastern States; U.S. Geological Survey Water-Supply Paper Series. January 1956 to December 1972, published in Ground-Water Levels in the United States, Northeastern States; U.S. Geological Survey Water-Supply Paper Series.

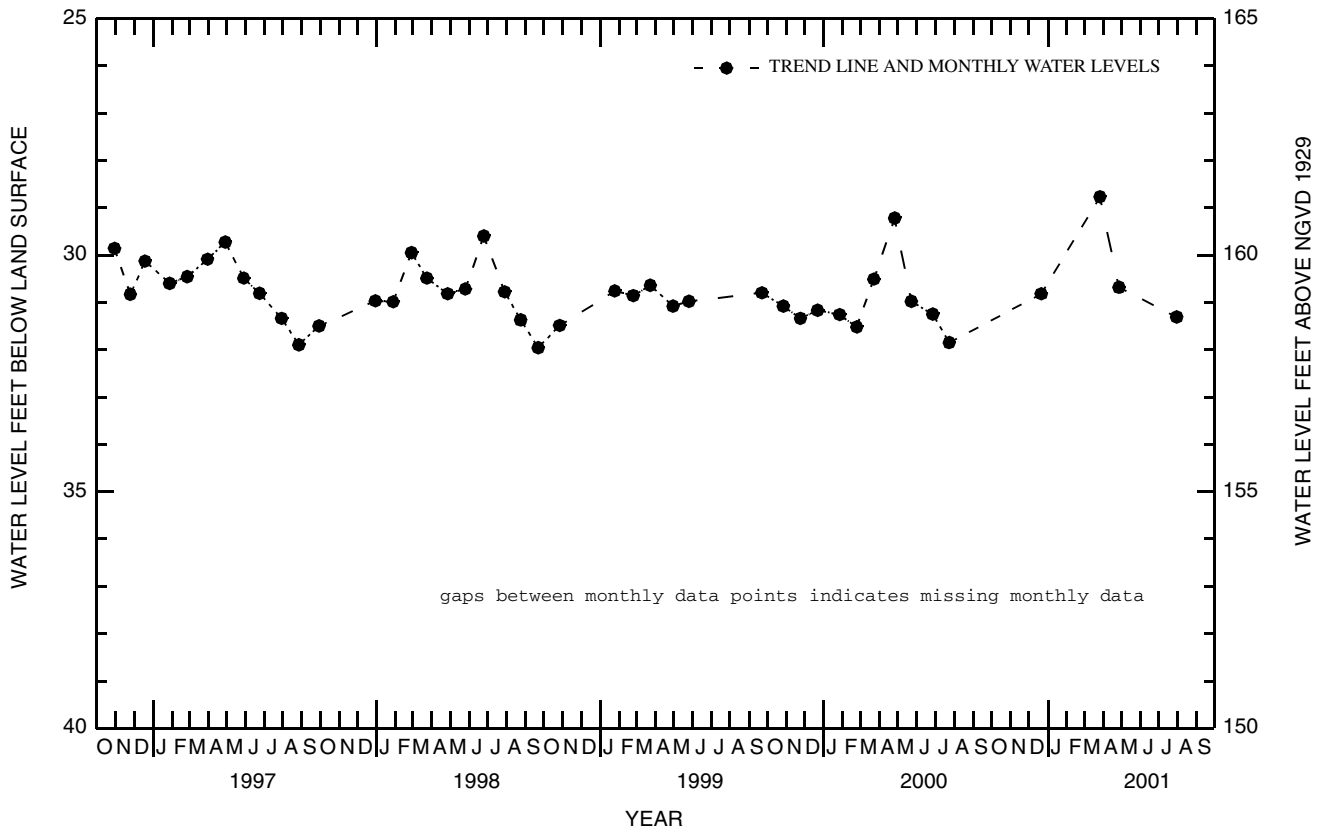
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.66 ft below land-surface datum, March 22, 1983; lowest measured, 32.40 ft below land-surface datum, December 18, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 21	30.82	APR 27	30.68
MAR 27	28.77	JUL 30	31.31

WATER YEAR 2001    HIGHEST    28.77    MAR 27, 2001    LOWEST    31.31    JUL 30, 2001

LIW 1



STRAFFORD COUNTY

432534071095601. Local number, NFW 53, Town of New Durham.

LOCATION.--Lat 43°25'36", long 71°09'55", Hydrologic Unit 01060003, at the northwest corner of the Ridge Road and Stockbridge Corner Road intersection, approximately 0.25 mi south of Route 11, and 0.5 mi south of New Durham.  
Owner: Town of New Durham.

AQUIFER.--Sand of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused water-table well, diameter 2 in., depth 60 ft.

DATUM.--Elevation of land-surface datum is 545 ft above sea level from topographic map. Measuring point: Top of casing, 2.5 ft above land-surface datum.

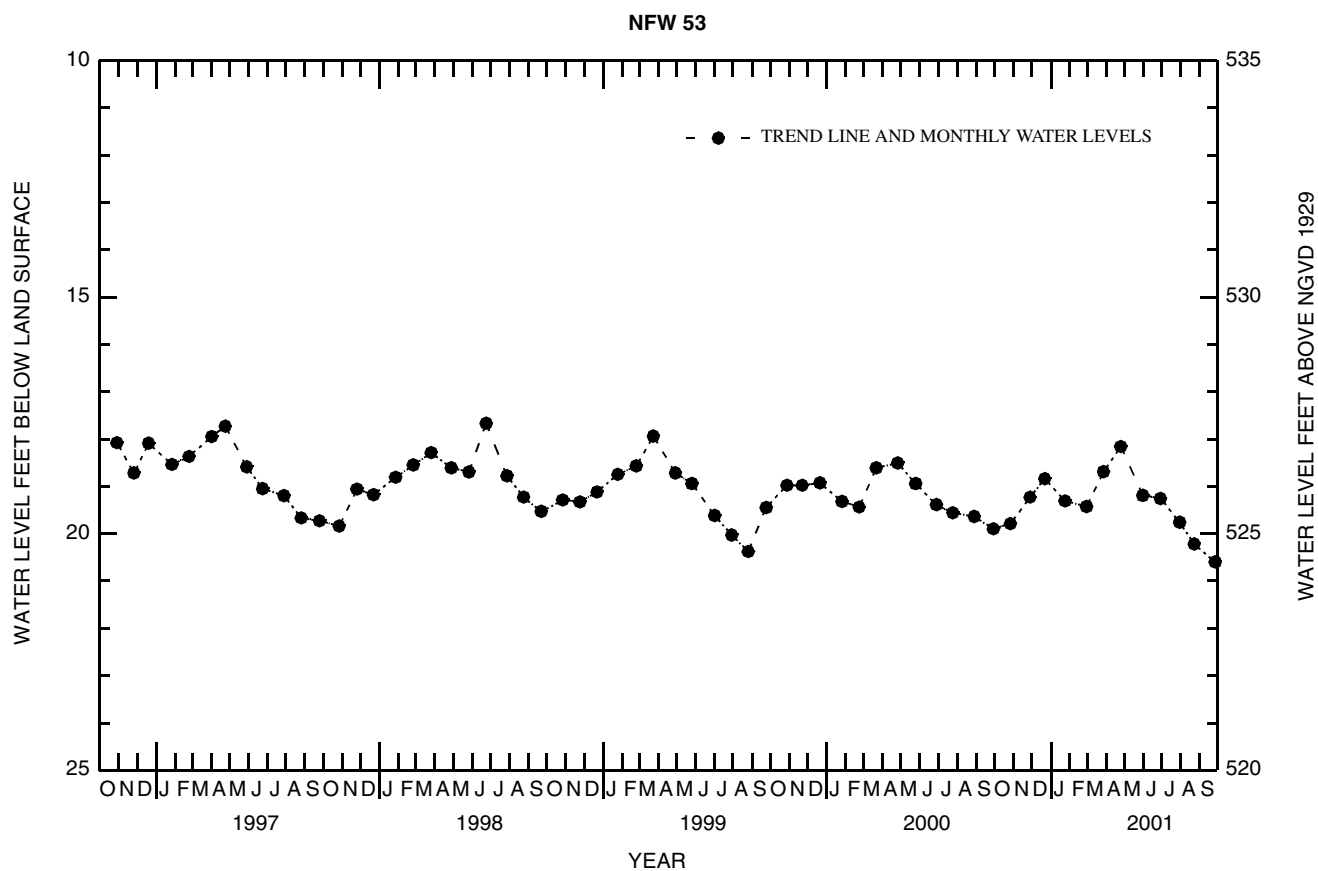
PERIOD OF RECORD.--December 1986 to May 1988, March, April 1991, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.67 ft below land-surface datum, June 24, 1998; lowest measured, 21.35 ft below land-surface datum, June 9, 1987.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	19.79	FEB 28	19.43	JUN 29	19.26
NOV 28	19.23	MAR 28	18.69	JUL 30	19.76
DEC 22	18.84	APR 25	18.16	AUG 23	20.22
JAN 24	19.31	MAY 31	19.19	SEP 26	20.60

WATER YEAR 2001    HIGHEST    18.16    APR 25, 2001    LOWEST    20.60    SEP 26, 2001





GROUND-WATER LEVELS IN NEW HAMPSHIRE

SULLIVAN COUNTY

432322072112401. Local number, NPW 3, Town of Newport.

LOCATION.--Lat 43°23'23", long 72°11'08", Hydrologic Unit 01080104, approximately 300 ft south of Corbin Road, 0.2 mi west of Route 10, and 1.8 mi north from the center of Newport.

Owner: U.S. Geological Survey.

AQUIFER.-- Sand and fine gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused test well, diameter 2 in., depth 57 ft.

DATUM.--Elevation of land-surface datum is 777 ft above sea level from topographic map. Measuring point: Top of casing, 3.5 ft above land-surface datum.

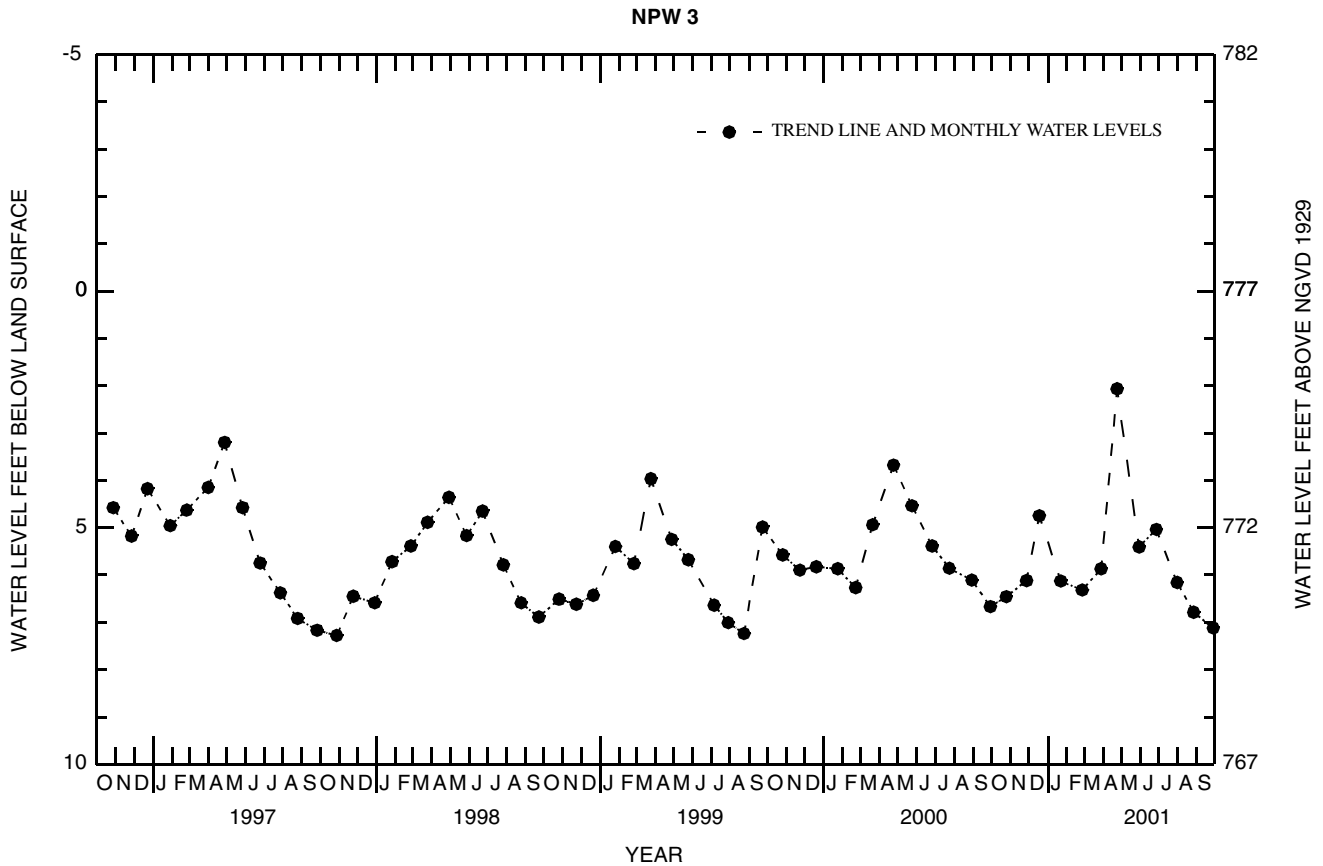
PERIOD OF RECORD.--April 1988, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.07 ft below land-surface datum, April 24, 2001; lowest measured, 7.28 ft below land-surface datum, October 28, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	6.46	FEB 26	6.32	JUN 27	5.04
NOV 27	6.12	MAR 29	5.87	JUL 31	6.16
DEC 18	4.75	APR 24	2.07	AUG 27	6.79
JAN 22	6.13	MAY 30	5.41	SEP 28	7.12

WATER YEAR 2001    HIGHEST    2.07    APR 24, 2001    LOWEST    7.12    SEP 28, 2001



SULLIVAN COUNTY

432322072112402. Local number, NPW 6, Town of Newport.

LOCATION.--Lat 43°23'23", long 72°11'08", Hydrologic Unit 01080104, approximately 300 ft south of Corbin Road, 0.2 mi west of Route 10, and 1.8 mi north from the center of Newport.

Owner: U.S. Geological Survey.

AQUIFER.--Sand and fine gravel of Pleistocene age.

WELL CHARACTERISTICS.--Bored, unused test well, diameter 2 in., depth 57 ft.

DATUM.--Elevation of land-surface datum is 787 ft above sea level from topographic map. Measuring point: Top of casing, 3.4 ft above land-surface datum.

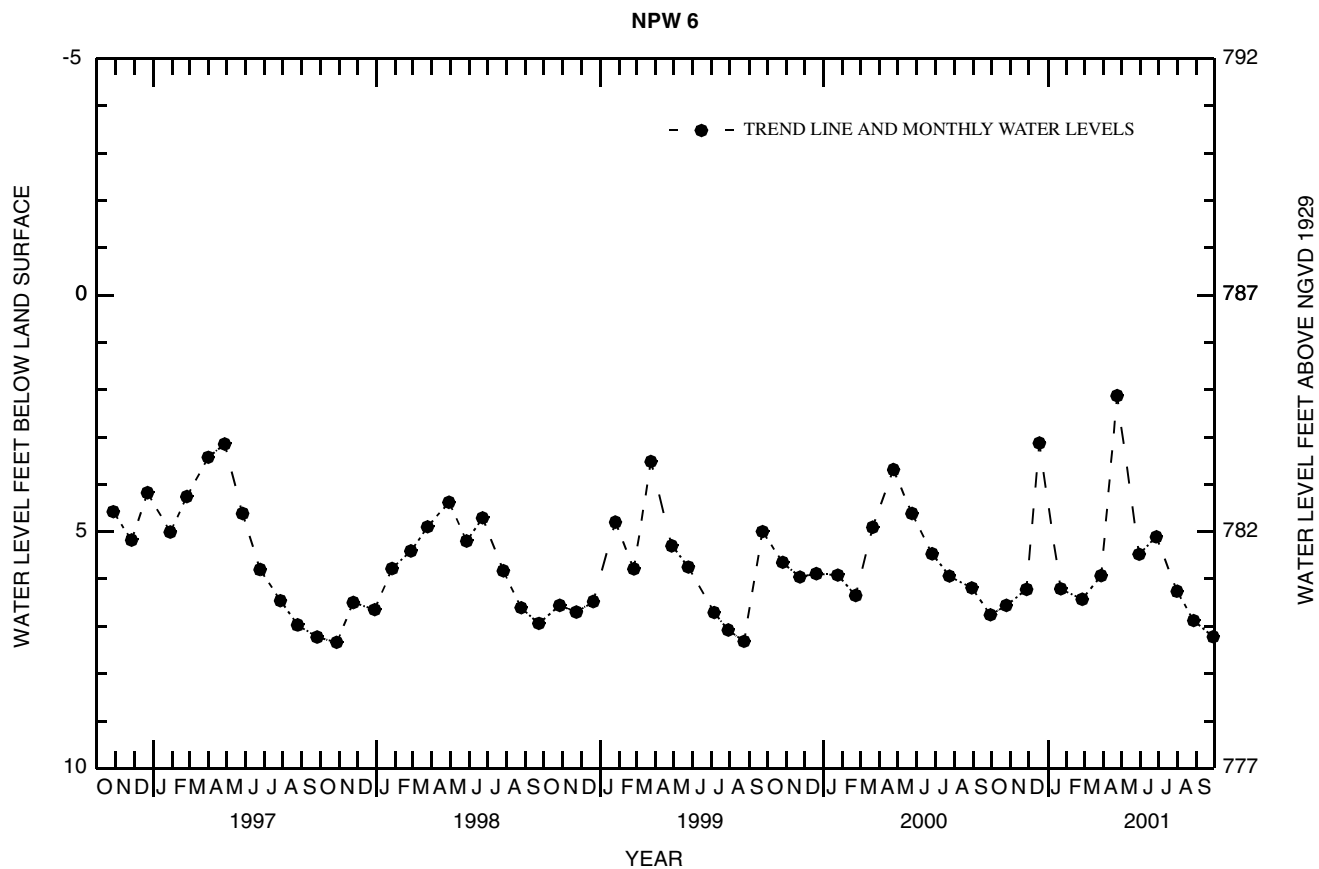
PERIOD OF RECORD.--April 1988, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.13 ft below land-surface datum, April 24, 2001; lowest measured, 7.34 ft below land-surface datum, October 28, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	6.56	FEB 26	6.43	JUN 27	5.11
NOV 27	6.22	MAR 29	5.93	JUL 31	6.26
DEC 18	3.13	APR 24	2.13	AUG 27	6.88
JAN 22	6.21	MAY 30	5.48	SEP 28	7.22

WATER YEAR 2001    HIGHEST    2.13    APR 24, 2001    LOWEST    7.22    SEP 28, 2001



GROUND-WATER LEVELS IN VERMONT

BENNINGTON COUNTY

424810073160401. Local number, PQW 1, Town of North Pownal.

LOCATION.--Lat 42°48'10", long 73°16'04", Hydrologic Unit 02020003, in front of residence on west side of State Highway 346 and 0.15 mi south of post office at North Pownal.

Owner: James Burden

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Dug observation water-table well, diameter 24 in, depth 18 ft, cased with stone to 18 ft, open end.

DATUM.--Altitude of land-surface datum is 515 ft. Measuring point: Top of 0.75-in diameter hole drilled in center of 0.38-in thick steel cover at land-surface datum.

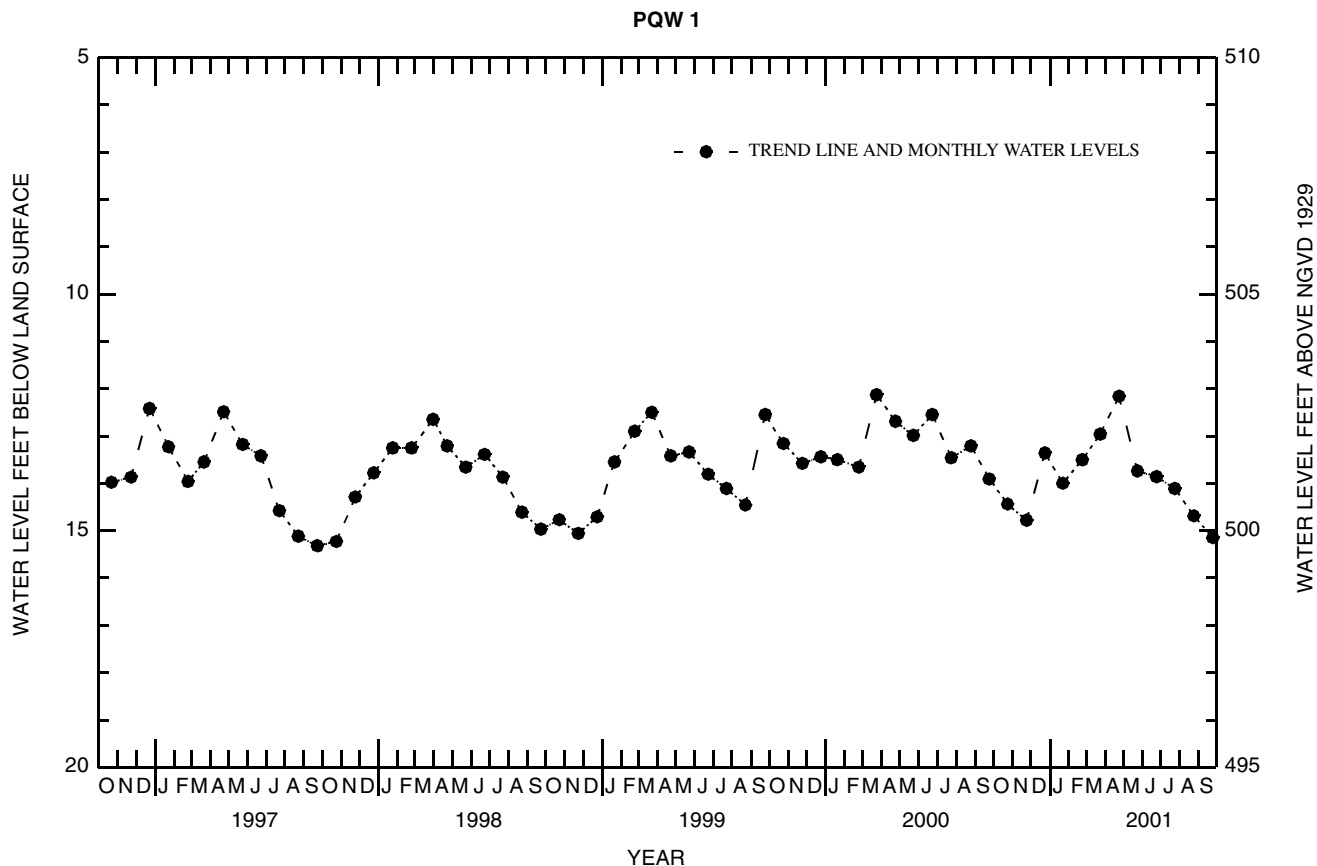
PERIOD OF RECORD.--October 1964 to current year. Prior to October 1977, published as Pownal 1.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.98 ft below land-surface datum, June 1, 1984; lowest measured, 16.59 ft below land-surface datum, October 19, 1964.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	14.44	FEB 23	13.50	JUN 24	13.86
NOV 24	14.78	MAR 24	12.96	JUL 24	14.11
DEC 24	13.36	APR 24	12.16	AUG 24	14.69
JAN 22	14.00	MAY 24	13.74	SEP 24	15.15

WATER YEAR 2001    HIGHEST    12.16    APR 24, 2001    LOWEST    15.15    SEP 24, 2001



## CHITTENDEN COUNTY

**443646073124901.** Local number, MJW 3, Town of Milton.

**LOCATION.**--Lat 44°36'46", long 73°12'49", Hydrologic Unit 02010005, about 600 ft south of manager's residence at Vermont Sandbar Waterfowl Development Area, about 400 ft west of former U.S. Highway 2, and 0.9 mi northwest of Lamoille River bridge at Milton.

Owner: U.S. Geological Survey.

**AQUIFER.**--Sand and gravel of Pleistocene age.

**WELL CHARACTERISTICS.**--Driven observation water-table well, diameter 1.25 in, depth 40 ft, screened 38 to 40 ft.

**DATUM.**--Altitude of land-surface datum is 160 ft. Measuring point: Top of casing, 4.00 ft above land-surface datum.

**PERIOD OF RECORD.**--November 1956 to September 1995, July 2001 to current year. Prior to October 1977, published as Milton 3.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 21.97 ft below land-surface datum, May 29, 1974; lowest measured, 39.10 ft below land-surface datum, March 23, 1989.

## WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 24	31.96	AUG 30	33.35	SEP 26	34.26
WATER YEAR 2001	HIGHEST 31.96	JUL 24, 2001	LOWEST 34.26	SEP 26, 2001	

GROUND-WATER LEVELS IN VERMONT

ESSEX COUNTY

444731071514701. Local number, BIW 1, Town of Brighton.

LOCATION.--Lat 44°47'31", long 71°51'47", Hydrologic Unit 01110000, south of road and just west of parking lot for Brighton State Park Beach at Brighton.

Owner: U.S. Geological Survey.

AQUIFER.--Medium and coarse sand of Pleistocene age.

WELL CHARACTERISTICS.--Augered observation water-table well, diameter 1.25 in, depth 35 ft, screened 33 to 35 ft.

DATUM.--Altitude of land-surface datum is 1,180 ft. Measuring point: Top of casing, 4.00 ft above land-surface datum.

PERIOD OF RECORD.--November 1966 to current year. Prior to October 1977, published as Brighton 1.

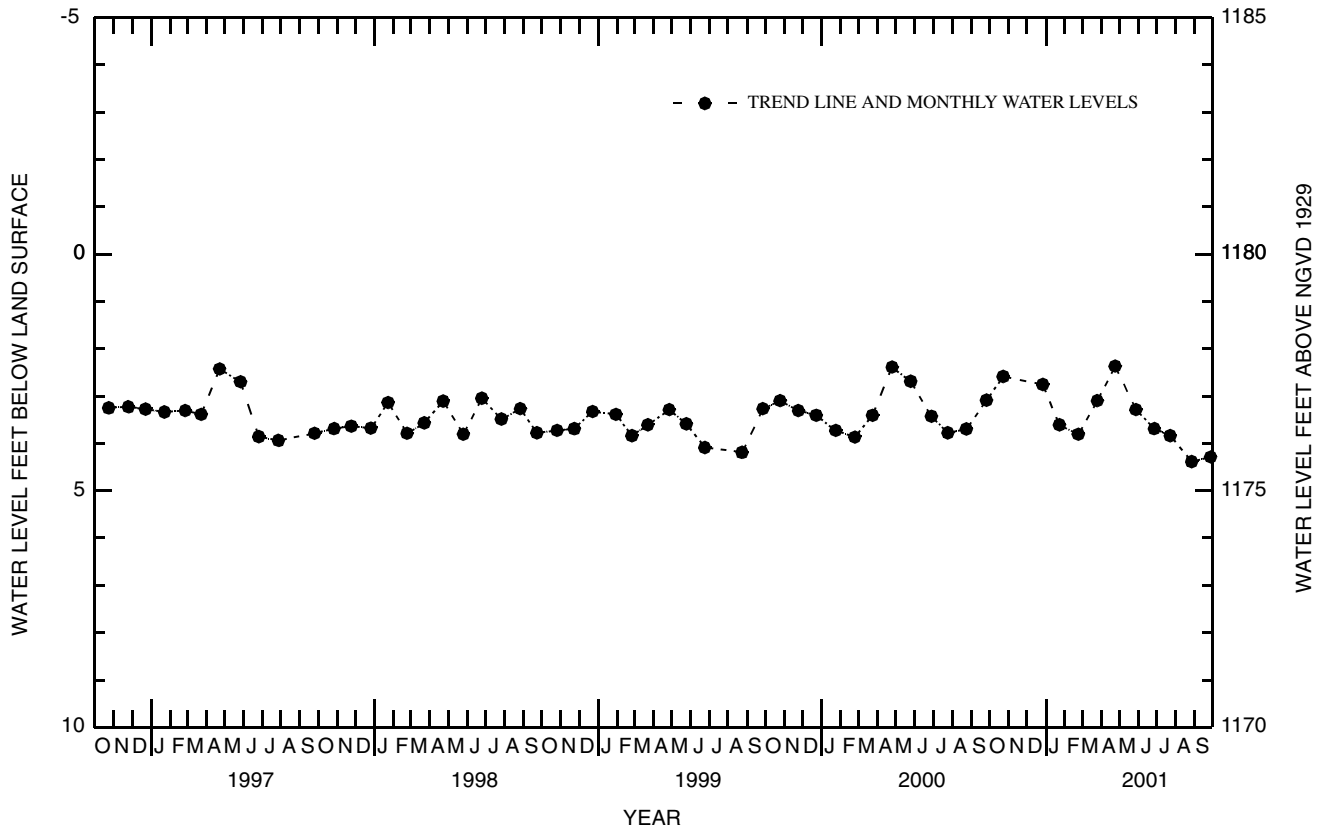
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.68 ft below land-surface datum, April 21, 2000; lowest measured, 4.95 ft below land-surface datum, August 21, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	2.59	MAR 26	3.10	JUL 23	3.84
DEC 27	2.76	APR 24	2.37	AUG 27	4.39
JAN 23	3.61	MAY 28	3.29	SEP 27	4.29
FEB 23	3.81	JUN 27	3.69		

WATER YEAR 2001    HIGHEST    2.37    APR 24, 2001    LOWEST    4.39    AUG 27, 2001

BIW 1



FRANKLIN COUNTY

445603072422901. Local number, BKW 1, Town of East Berkshire.

LOCATION.--Lat 44°56'03", long 72°42'29", Hydrologic Unit 02010007, at southeast end of State Highway 118 bridge on Missisquoi River at East Berkshire.

Owner: U.S. Geological Survey.

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

WELL CHARACTERISTICS.--Augered observation water-table well, diameter 1.25 in., depth 51 ft, screened 49 to 51 ft.

DATUM.--Altitude of land-surface datum is 425 ft. Measuring point: Top of casing, 4.00 ft above land-surface datum.

PERIOD OF RECORD.--November 1966 to September 1995, July 2001 to current year. Prior to October 1977, published as Berkshire 1.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.55 ft below land-surface datum, April 23,1992; lowest measured, 16.43 ft below land-surface datum, August 26, 1975.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 24	14.80	AUG 30	15.81	SEP 26	15.84
WATER YEAR 2001    HIGHEST    14.80    JUL 24, 2001    LOWEST    15.84    SEP 26, 2001					

GROUND-WATER LEVELS IN VERMONT

LAMOILLE COUNTY

443405072323501. Local number, MPW 1, Town of Morrisville.

LOCATION.--Lat 44°34'05", long 72°32'35", Hydrologic Unit 02010005, Vermont Highway Department right-of-way off State Highway 15 and 3 mi east of Morrisville.

Owner: U.S. Geological Survey.

AQUIFER.--Silty, fine to medium sand of Pleistocene age.

WELL CHARACTERISTICS.--Augered observation water-table well, diameter 1.25 in, depth 50 ft, screened 48 to 50 ft.

DATUM.--Altitude of land-surface datum is 660 ft. Measuring point: Top of casing, 4.00 ft above land-surface datum.

PERIOD OF RECORD.--November 1966 to current year. Prior to October 1977, published as Morrystown 1.

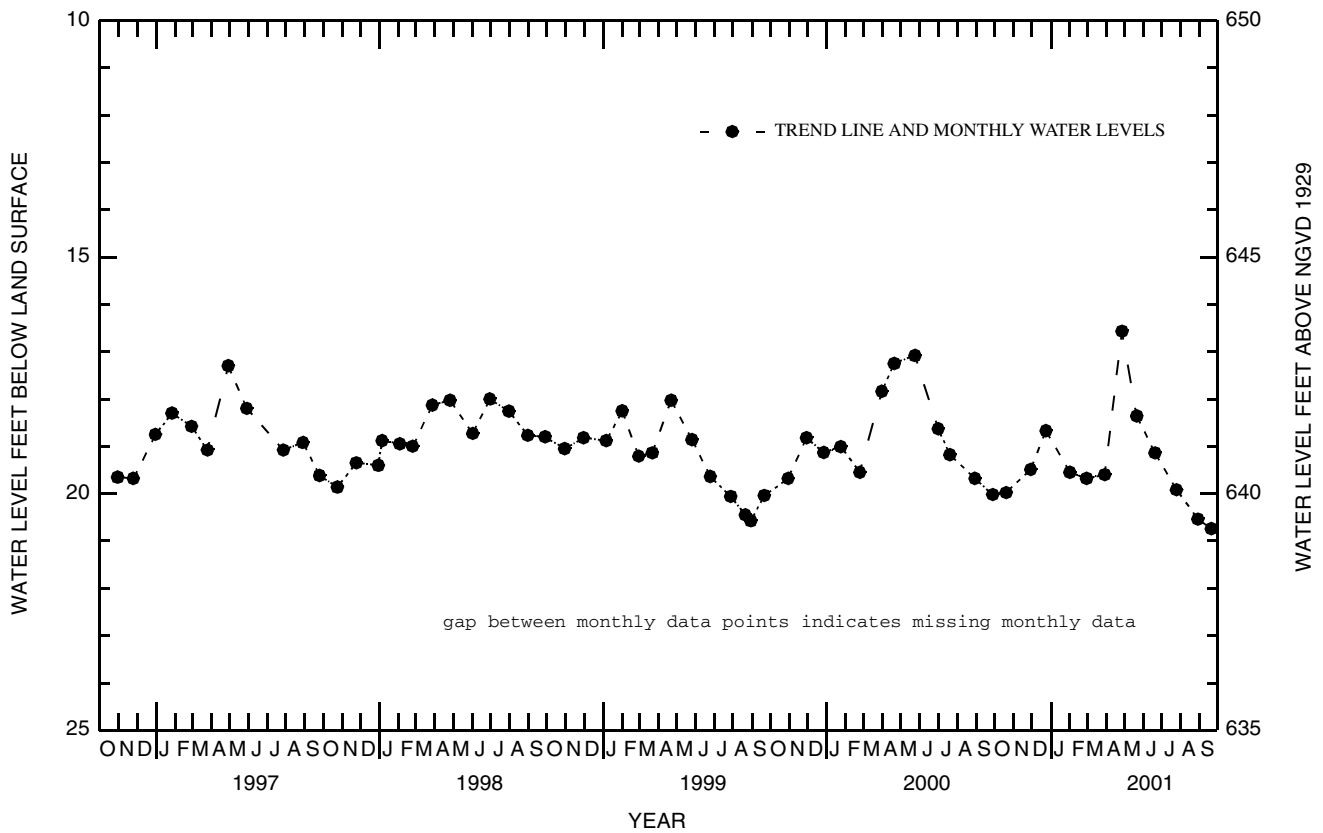
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.87 ft below land-surface datum, January 27, 1978; lowest measured, 20.74 ft below land-surface datum, September 20, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	19.98	FEB 28	19.68	JUN 20	19.14
NOV 29	19.49	MAR 30	19.60	JUL 25	19.92
DEC 24	18.67	APR 27	16.57	AUG 29	20.54
FEB 01	19.55	MAY 21	18.36	SEP 20	20.74

WATER YEAR 2001    HIGHEST    16.57    APR 27, 2001    LOWEST    20.74    SEP 20, 2001

MPW 1



ORANGE COUNTY

435343072151801. Local number, WOW 1, Town of West Fairlee.

LOCATION.--Lat 43°53'43", long 72°15'18", Hydrologic Unit 01080103, 60 ft west of salt shed and 1.3 mi south southeast of West Fairlee Village.

Owner: U.S. Geological Survey.

AQUIFER.--Sand of Pleistocene age.

WELL CHARACTERISTICS.--Augered observation water-table well, diameter 1.25 in, depth 54 ft, screened 52 to 54 ft.

DATUM.--Altitude of land-surface datum is 700 ft. Measuring point: Top of casing, 2.00 ft above land-surface datum.

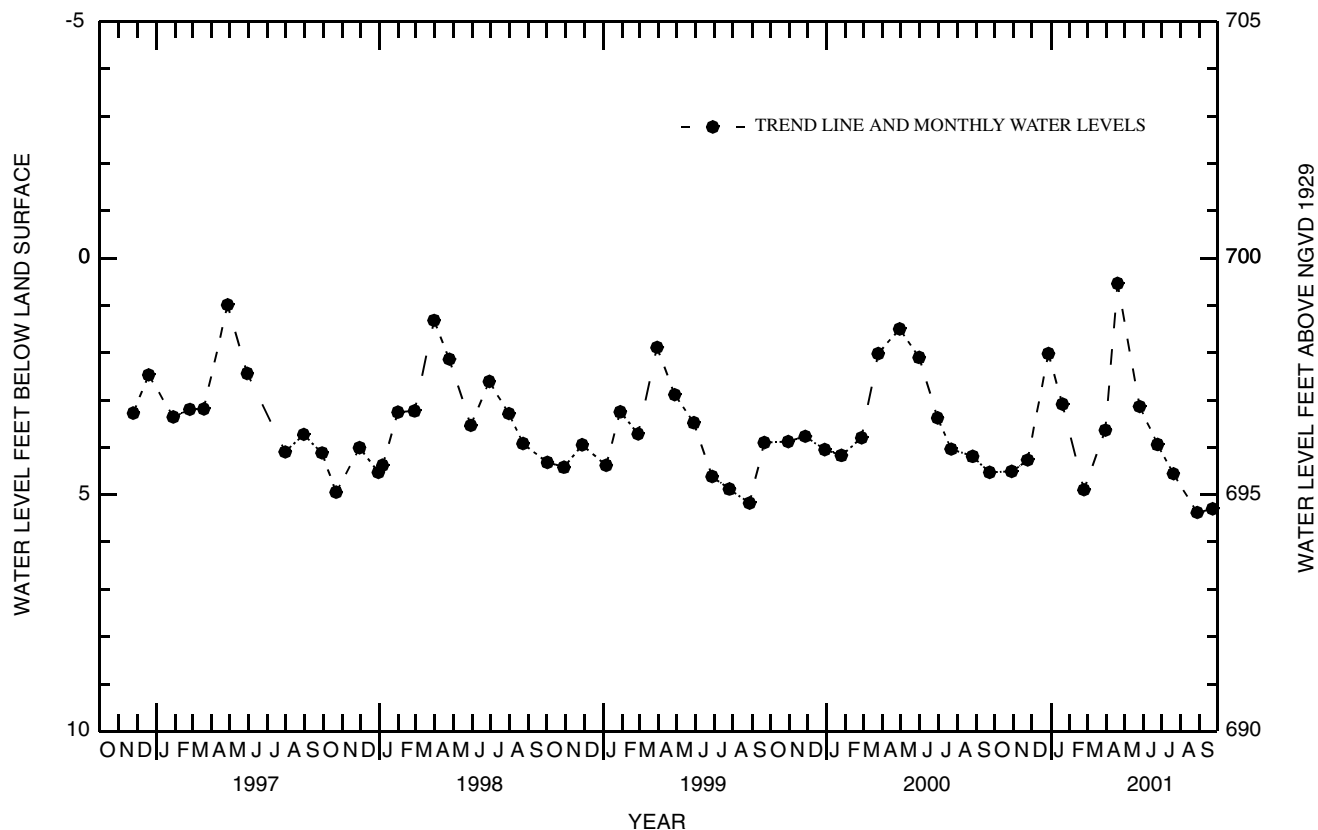
PERIOD OF RECORD.--November 1966 to current year. Prior to October 1977, published as West Fairlee 1.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.53 ft below land-surface datum, April 23, 1993; lowest measured, 5.56 ft below land-surface datum, September 26, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	4.51	FEB 24	4.90	JUN 24	3.94
NOV 24	4.27	MAR 31	3.64	JUL 20	4.56
DEC 28	2.02	APR 20	.54	AUG 28	5.38
JAN 20	3.09	MAY 26	3.14	SEP 22	5.30
WATER YEAR 2001    HIGHEST    .54    APR 20, 2001    LOWEST    5.38    AUG 28, 2001					

WOW 1





GROUND-WATER LEVELS IN VERMONT

ORLEANS COUNTY

443952072114001. Local number, GLW 1, Town of Glover.

LOCATION.--Lat 44°39'52", long 72°11'40", Hydrologic Unit 01110000, at Vermont Highway Department salt shed west of State Highway 16 and 3 mi south of Glover Village.

Owner: U.S. Geological Survey.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Augered observation water-table well, diameter 1.25 in, depth 82 ft, screened 80 to 82 ft.

DATUM.--Elevation of land-surface datum is 1,200 ft above sea level from topographic map. Measuring point: Top of casing, .00 ft above land-surface datum.

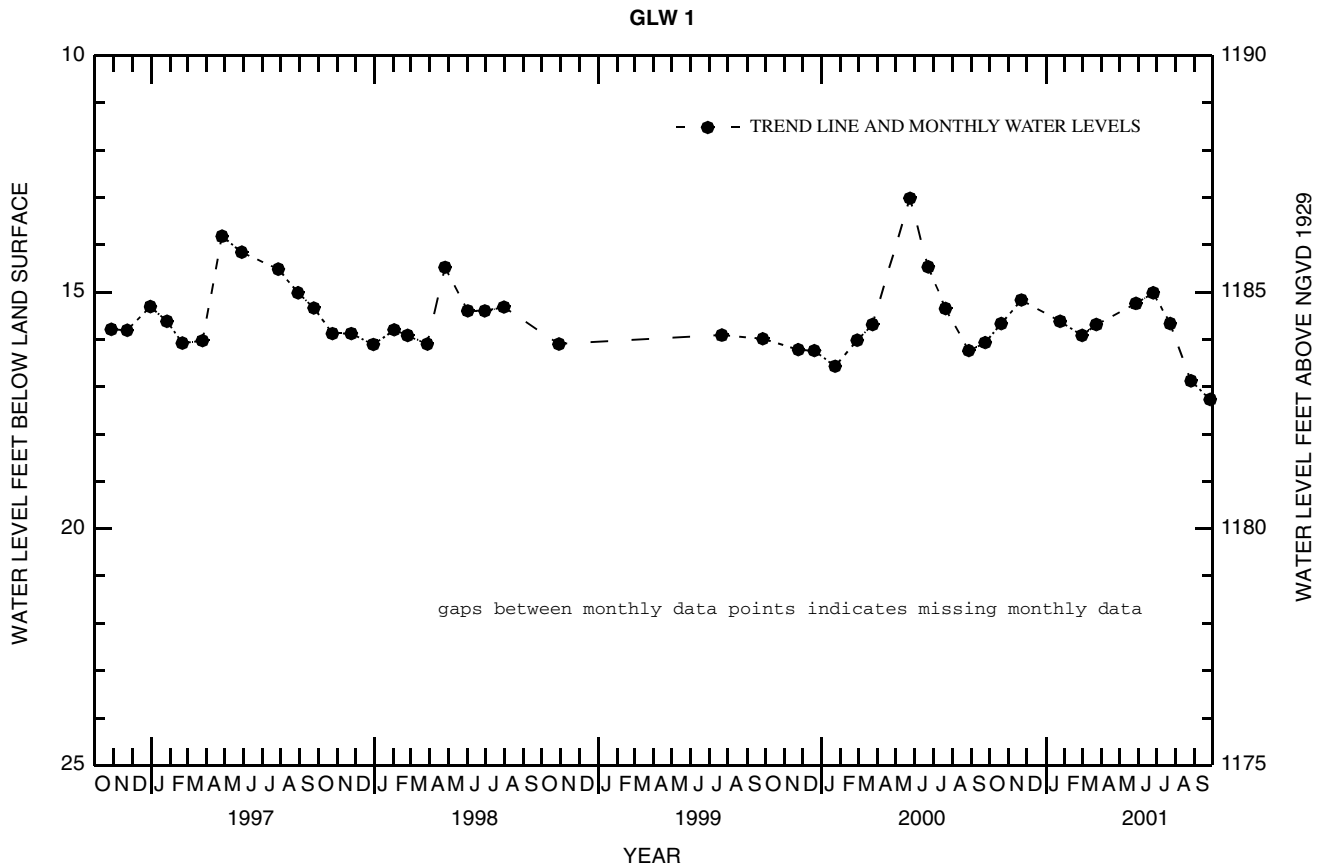
PERIOD OF RECORD.--November 1966 to current year. Prior to 1977, published as Glover 1.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.11 ft below land-surface datum, May 23, 1969; lowest measured, 18.95 ft below land-surface datum, March 28, 1967.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20	15.67	MAR 24	15.69	AUG 26	16.88
NOV 22	15.17	MAY 28	15.24	SEP 26	17.27
JAN 24	15.62	JUN 25	15.02		
MAR 01	15.92	JUL 23	15.67		

WATER YEAR 2001    HIGHEST    15.02    JUN 25, 2001    LOWEST    17.27    SEP 26, 2001



RUTLAND COUNTY

434217073010601. Local number, PFW 8, Town of Pittsford.

LOCATION.--Lat 43°42'17", long 73°01'06", Hydrologic Unit 02010002, 12 ft west of storage building at St. Alphonsus Cemetery at Pittsford.

Owner: U.S. Geological Survey.

AQUIFER.--Medium to fine sand of Pleistocene age.

WELL CHARACTERISTICS.--Augered observation water-table well, diameter 1.25 in, depth 42 ft, screened 40 to 42 ft.

DATUM.--Elevation of land-surface datum is 490 ft above sea level from topographic map. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--Well pulled November 8, 1968, point replaced, depth changed from 43 to 42 ft, old 3-ft point was completely encrusted.

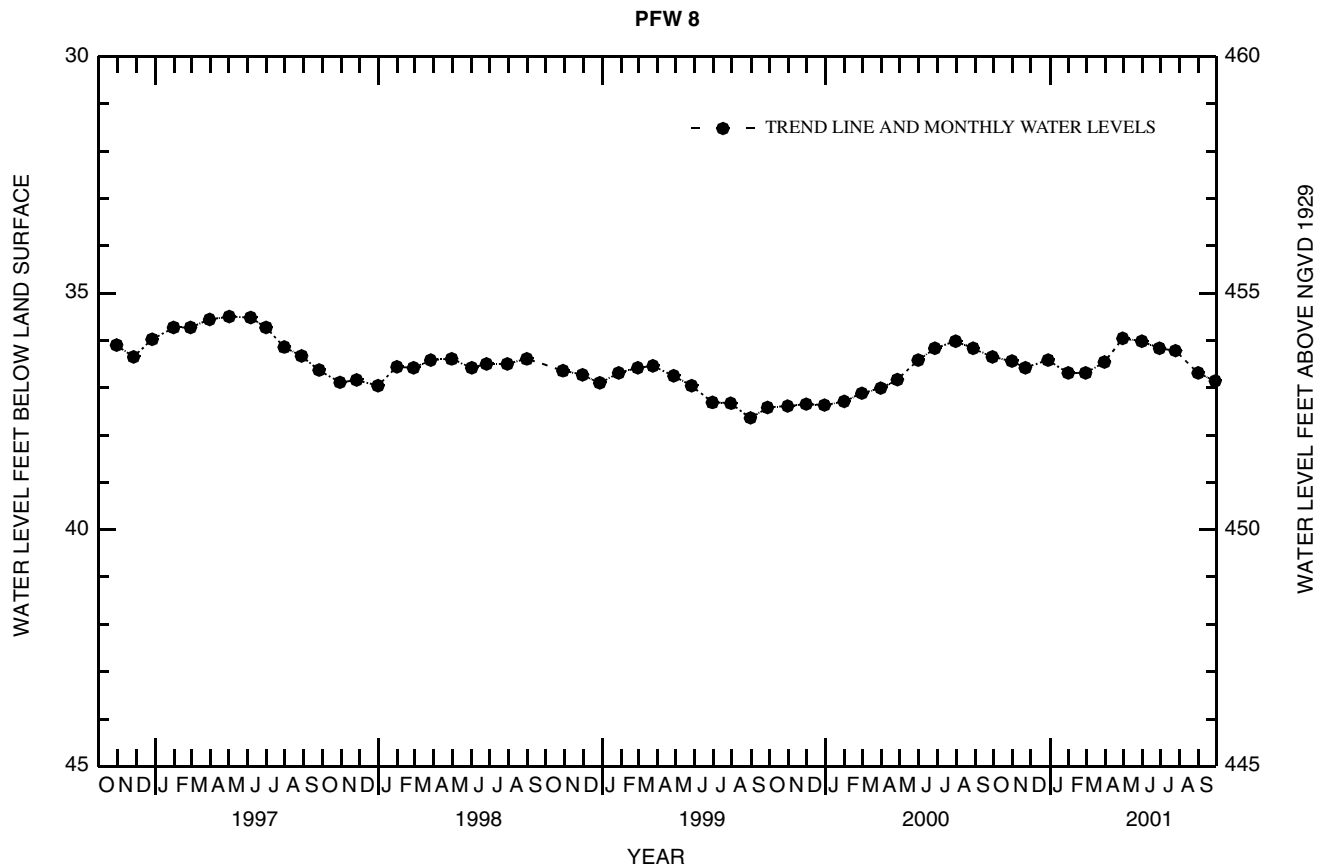
PERIOD OF RECORD.--October 1957 to September 1995, October 1996 to current year. Prior to October 1977, published as Pittsford 8.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.17 ft below land-surface datum, May 26, 1976; lowest measured, 39.59 ft below land-surface datum, October 18, 1957.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEARS OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 31	36.44	NOV 22	36.58	DEC 29	36.42
JAN 31	36.69	APR 30	35.96	JUL 25	36.22
FEB 28	36.69	MAY 31	36.02	AUG 31	36.69
MAR 31	36.46	JUN 29	36.17	SEP 28	36.86

WATER YEAR 2001    HIGHEST    35.96    APR 30, 2001    LOWEST    36.86    SEP 28, 2001



GROUND-WATER LEVELS IN VERMONT

WASHINGTON COUNTY

441215072483101. Local number, WAW 2, Town of Waitsfield.

LOCATION.--Lat 44°12'15", long 72°48'31", Hydrologic Unit 02010003, at rest area on east side of State Highway 100 and 1.3 mi northeast of Waitsfield Village.

Owner: U.S. Geological Survey.

AQUIFER.--Silty gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drive and wash observation water-table well, diameter 1.25 in, depth 45.5 ft, screened 43.5 to 45.5 ft.

DATUM.--Altitude of land-surface datum is 685 ft. Measuring point: Top of casing, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--June 1975 to September 1995, July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.25 ft below land-surface datum, December 14, 1983; lowest measured, 7.99 ft below land-surface datum, June 27, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 23	6.98	AUG 30	7.55	SEP 26	7.07
WATER YEAR 2001	HIGHEST 6.98	JUL 23, 2001	LOWEST 7.55	AUG 30, 2001	

WINDSOR COUNTY

431551072350601. Local number, CKW 1, Town of Chester.

LOCATION.--Lat 43°15'51", long 72°35'06", Hydrologic Unit 01080107, at Vermont Highway Department salt shed on Elm Street in Chester.

Owner: U.S. Geological Survey.

AQUIFER.--Boulders, coarse gravel of Pleistocene age.

WELL CHARACTERISTICS.--Augered observation water-table well, diameter 1.25 in, depth 22 ft, screened 20 to 22 ft.

DATUM.--Altitude of land-surface datum is 580 ft. Measuring point: Top of casing, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--November 1966 to current year. Prior to October 1977, published as Chester 1.

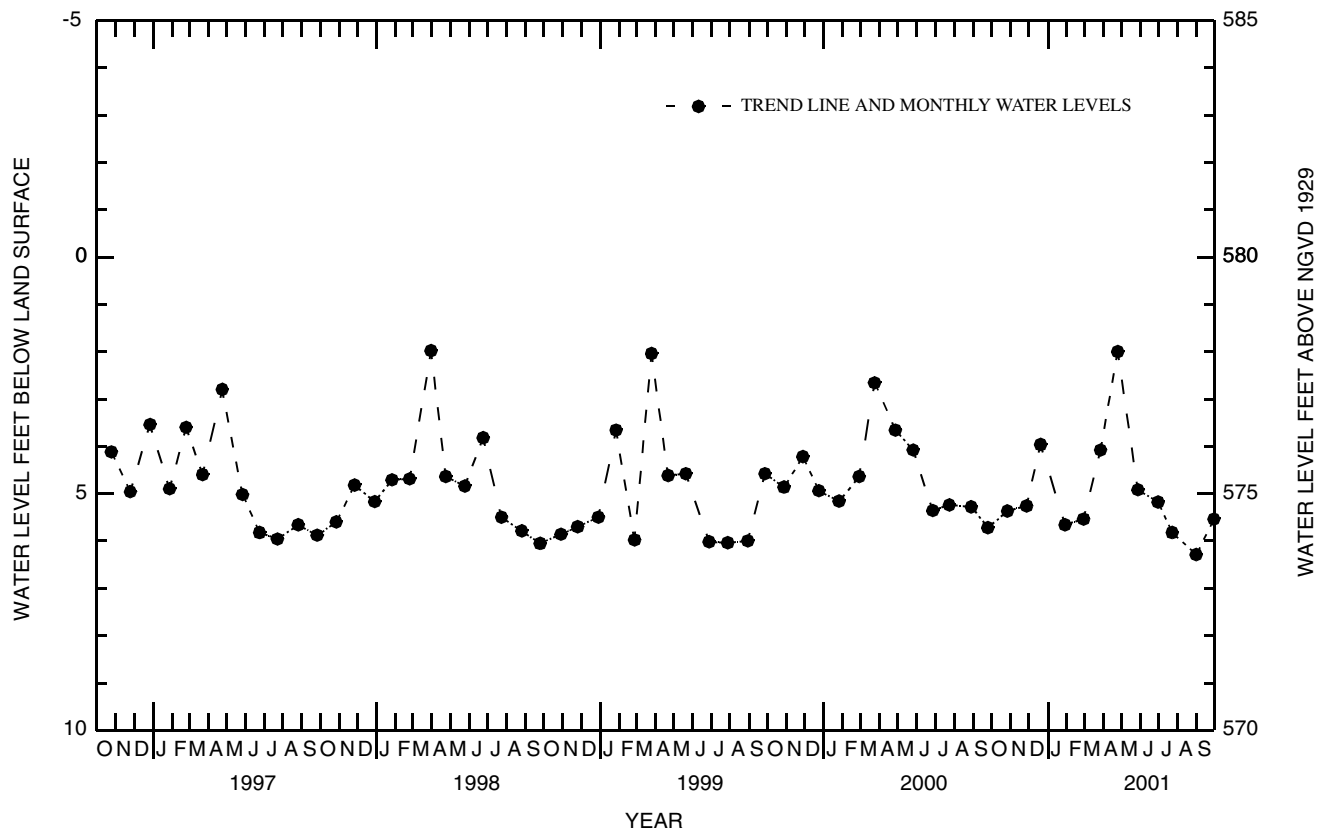
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.56 ft below land-surface datum, March 20, 1986; lowest measured, 6.31 ft below land-surface datum, September 28, 1967.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27	5.37	FEB 28	5.54	JUN 30	5.18
NOV 27	5.26	MAR 28	4.08	JUL 23	5.82
DEC 20	3.96	APR 25	2.00	AUG 31	6.29
JAN 29	5.66	MAY 28	4.92	SEP 29	5.54

WATER YEAR 2001    HIGHEST    2.00    APR 25, 2001    LOWEST    6.29    AUG 31, 2001

CKW 1



GROUND-WATER LEVELS IN VERMONT

WINDSOR COUNTY

433240072242901. Local number, HLW 54, Town of Hartland.

LOCATION.--Lat 43°32'40", long 72°24'29", Hydrologic Unit 01080104, at northeast corner of fire station in Hartland.

Owner: U.S. Geological Survey.

AQUIFER.--Sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Augered observation water-table well, diameter 1.25 in, depth 51 ft, screened 49 to 51 ft.

DATUM.--Altitude of land-surface datum is 575 ft. Measuring point: Top of casing, 4.00 ft above land-surface datum.

PERIOD OF RECORD.--August 1969 to current year.

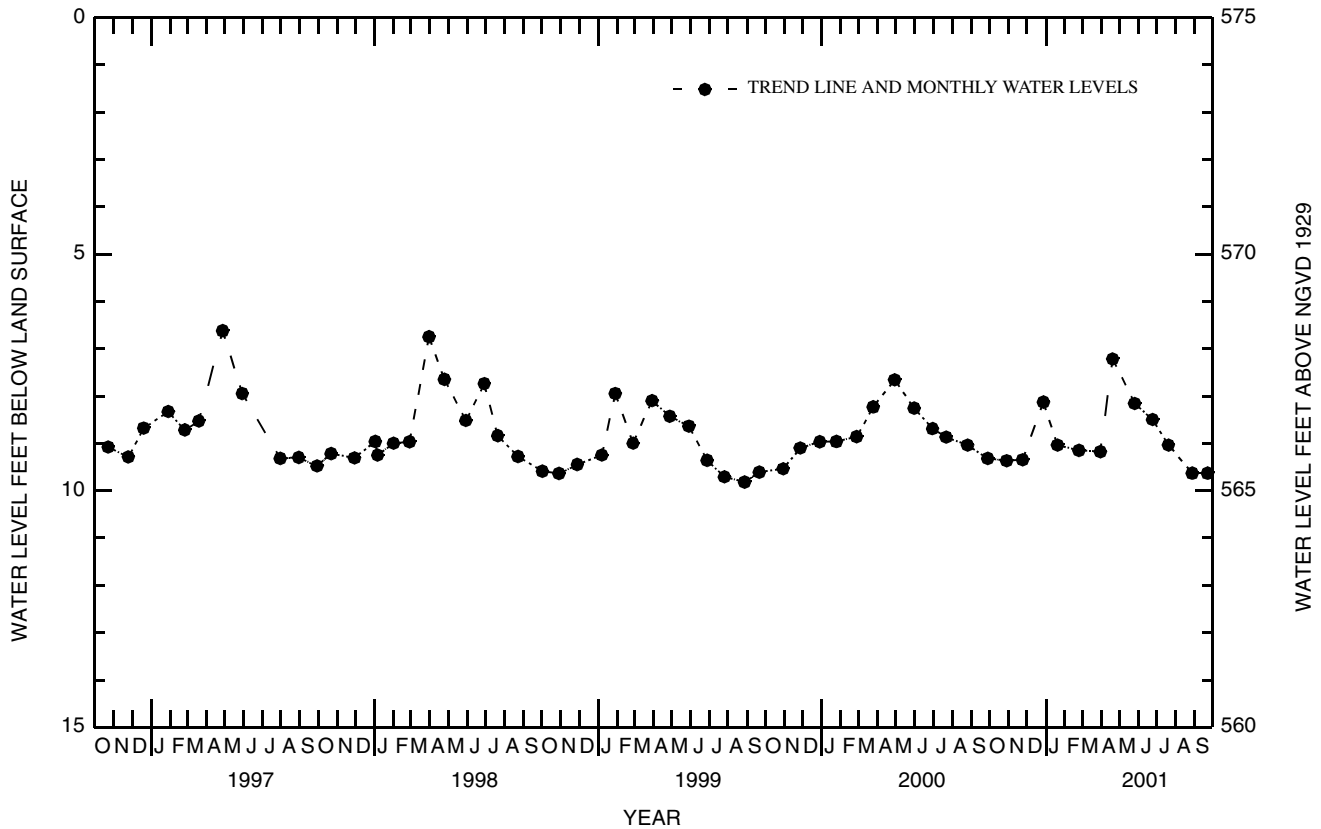
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.96 ft below land-surface datum, June 1, 1984; lowest measured, 10.75 ft below land-surface datum, January 24, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	9.37	FEB 24	9.15	JUN 24	8.50
NOV 24	9.35	MAR 31	9.18	JUL 20	9.04
DEC 28	8.13	APR 20	7.22	AUG 28	9.63
JAN 20	9.04	MAY 26	8.16	SEP 22	9.63

WATER YEAR 2001    HIGHEST    7.22    APR 20, 2001    LOWEST    9.63    AUG 28, 2001    SEP 22, 2001

HLW 54



## WINDSOR COUNTY

**435129072483301.** Local number, RJW 1, Town of Rochester.

**LOCATION.**--Lat 43°51'29", long 72°48'33", Hydrologic Unit 01080105, adjacent to salt shed at Vermont Highway Department garage 1.3 mi south of Rochester Village.

Owner: U.S. Geological Survey.

**AQUIFER.**--Sand of Pleistocene age.

**WELL CHARACTERISTICS.**--Augered observation water-table well, diameter 1.25 in, depth 73 ft, screened 71 to 73 ft.

**DATUM.**--Altitude of land-surface datum is 800 ft. Measuring point: Top of casing, 4.00 ft above land-surface datum.

**PERIOD OF RECORD.**--November 1966 to September 1995, July 2001 to current year. Prior to 1977, published as Rochester 1.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 4.50 ft below land-surface datum, March 26, 1968; lowest measured, 13.05 ft below land-surface datum, August 25, 1975, September 26, 2001.

**WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 23	12.14	AUG 30	12.88	SEP 26	13.05
WATER YEAR 2001	HIGHEST 12.14	JUL 23, 2001	LOWEST 13.05	SEP 26, 2001	