

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 above National Geodetic Vertical Datum 1929 from topographic map.

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.

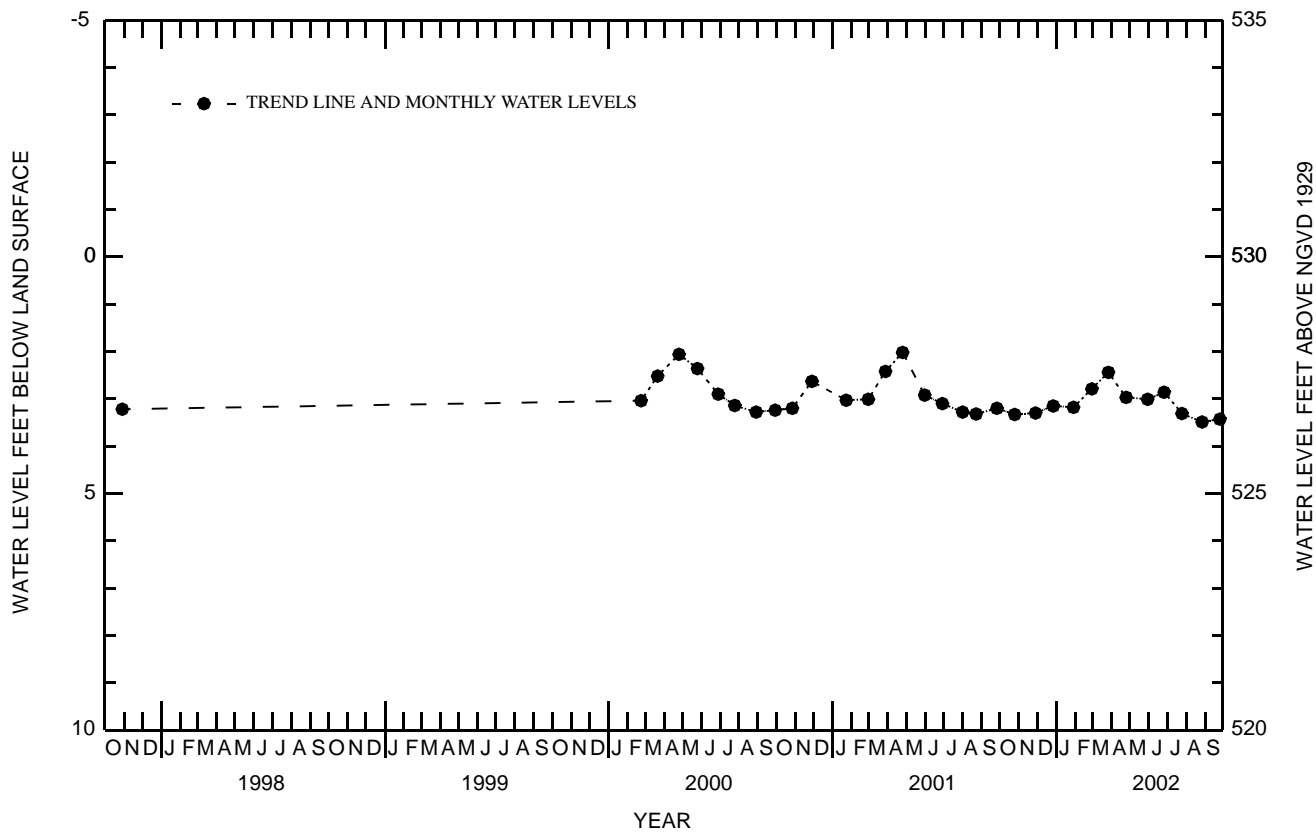
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.78 ft below land-surface datum, December 19, 1996; lowest measured, 3.41 ft below land-surface datum, August 28, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	3.33	FEB 28	2.79	JUN 26	2.86
NOV 28	3.30	MAR 27	2.44	JUL 25	3.31
DEC 27	3.15	APR 25	2.97	AUG 27	3.49
JAN 29	3.18	MAY 30	3.01	SEP 25	3.43

WATER YEAR 2002 HIGHEST 2.44 MAR 27, 2002 LOWEST 3.49 AUG 27, 2002

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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.2 ft above land-surface datum.

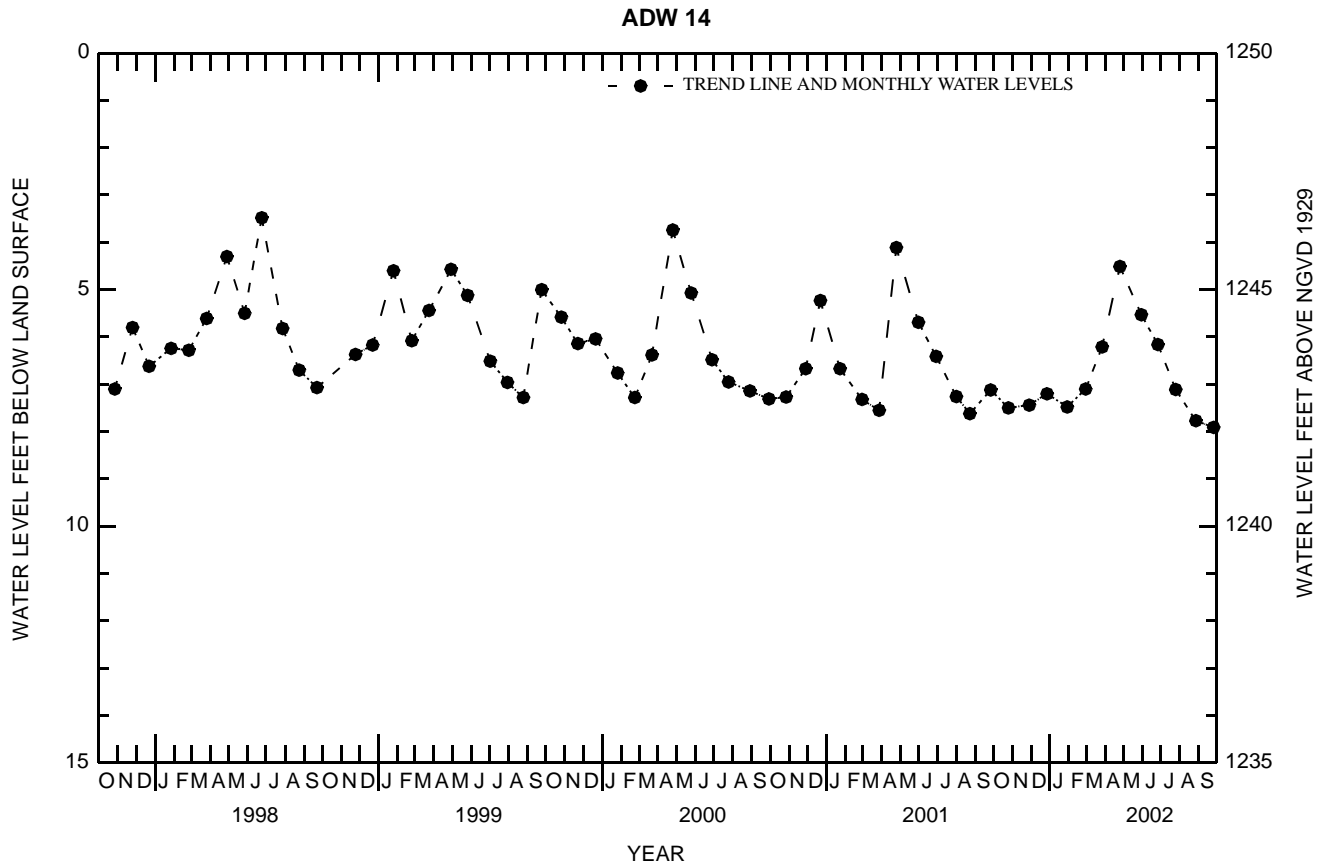
PERIOD OF RECORD.--April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.36 ft below land-surface datum, April 24, 1996; lowest measured, 7.91 ft below land-surface datum, September 25, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	7.50	FEB 28	7.10	JUN 26	6.16
NOV 28	7.44	MAR 27	6.21	JUL 25	7.11
DEC 27	7.20	APR 25	4.51	AUG 27	7.77
JAN 29	7.48	MAY 30	5.53	SEP 25	7.91

WATER YEAR 2002 HIGHEST 4.51 APR 25, 2002 LOWEST 7.91 SEP 25, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.6 ft above land-surface datum.

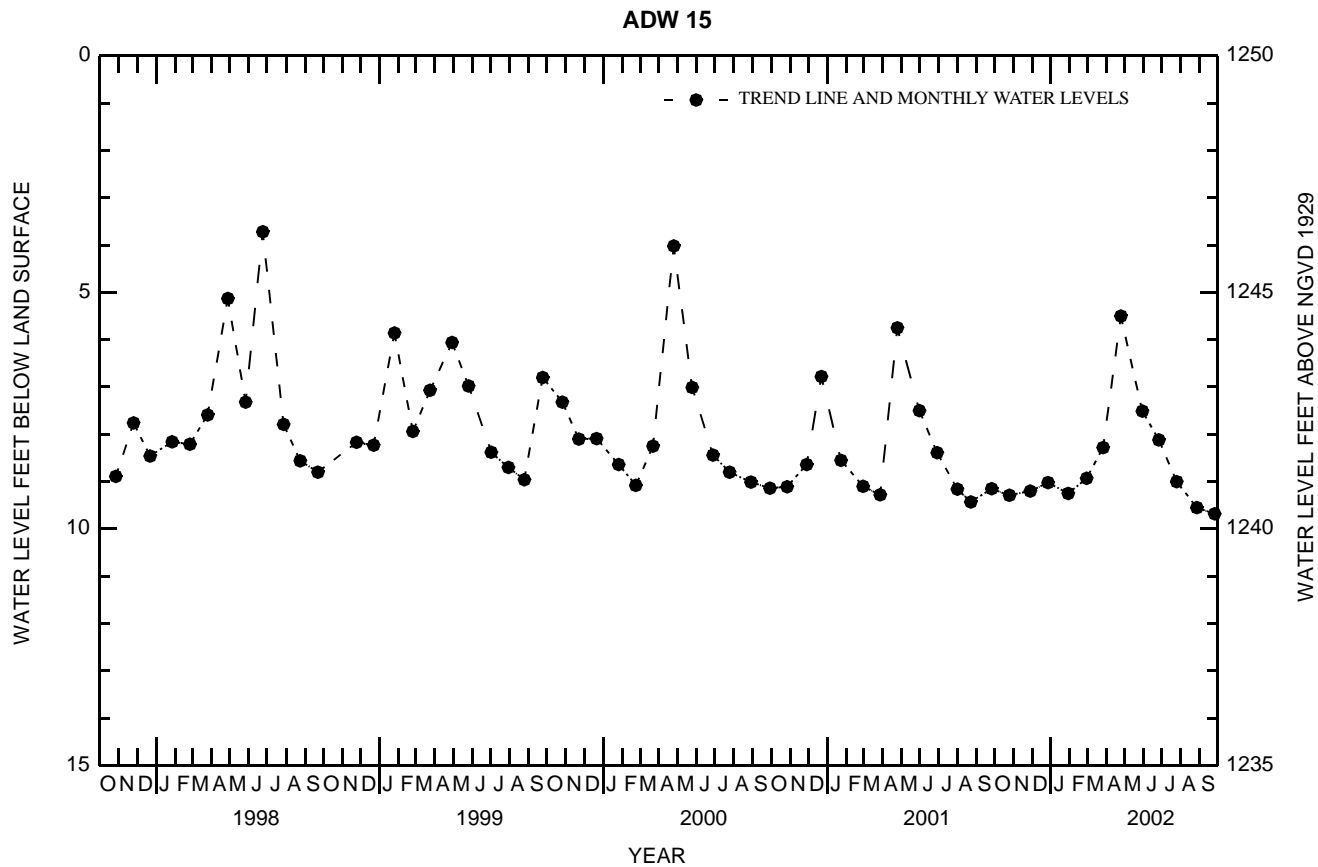
PERIOD OF RECORD.--August 1992, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.54 ft below land-surface datum, April 24, 1996; lowest measured, 9.68 ft below land-surface datum, September 25, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	9.29	FEB 28	8.93	JUN 26	8.12
NOV 28	9.20	MAR 27	8.28	JUL 25	9.00
DEC 27	9.02	APR 25	5.50	AUG 27	9.55
JAN 29	9.25	MAY 30	7.51	SEP 25	9.68

WATER YEAR 2002 HIGHEST 5.50 APR 25, 2002 LOWEST 9.68 SEP 25, 2002



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 National Geodetic Vertical Datum 1929 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.

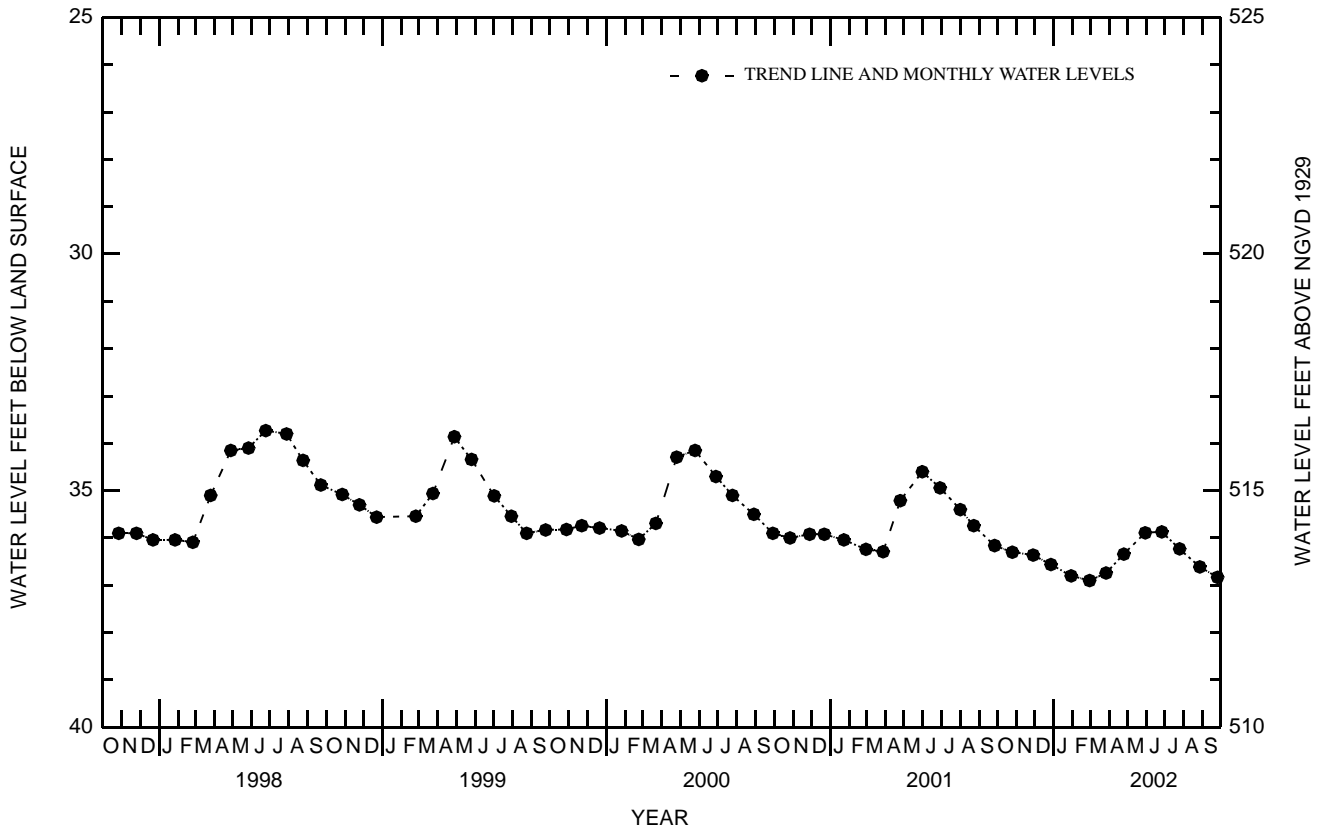
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.98 ft below land-surface datum, May 29, 1996; lowest measured, 37.00 ft below land-surface datum, September 23, 1991.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	36.30	FEB 28	36.90	JUN 26	35.87
NOV 28	36.36	MAR 27	36.74	JUL 25	36.23
DEC 27	36.56	APR 25	36.34	AUG 27	36.61
JAN 29	36.80	MAY 30	35.89	SEP 25	36.83

WATER YEAR 2002 HIGHEST 35.87 JUN 26, 2002 LOWEST 36.90 FEB 28, 2002

OXW 38



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 National Geodetic Vertical Datum 1929 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.

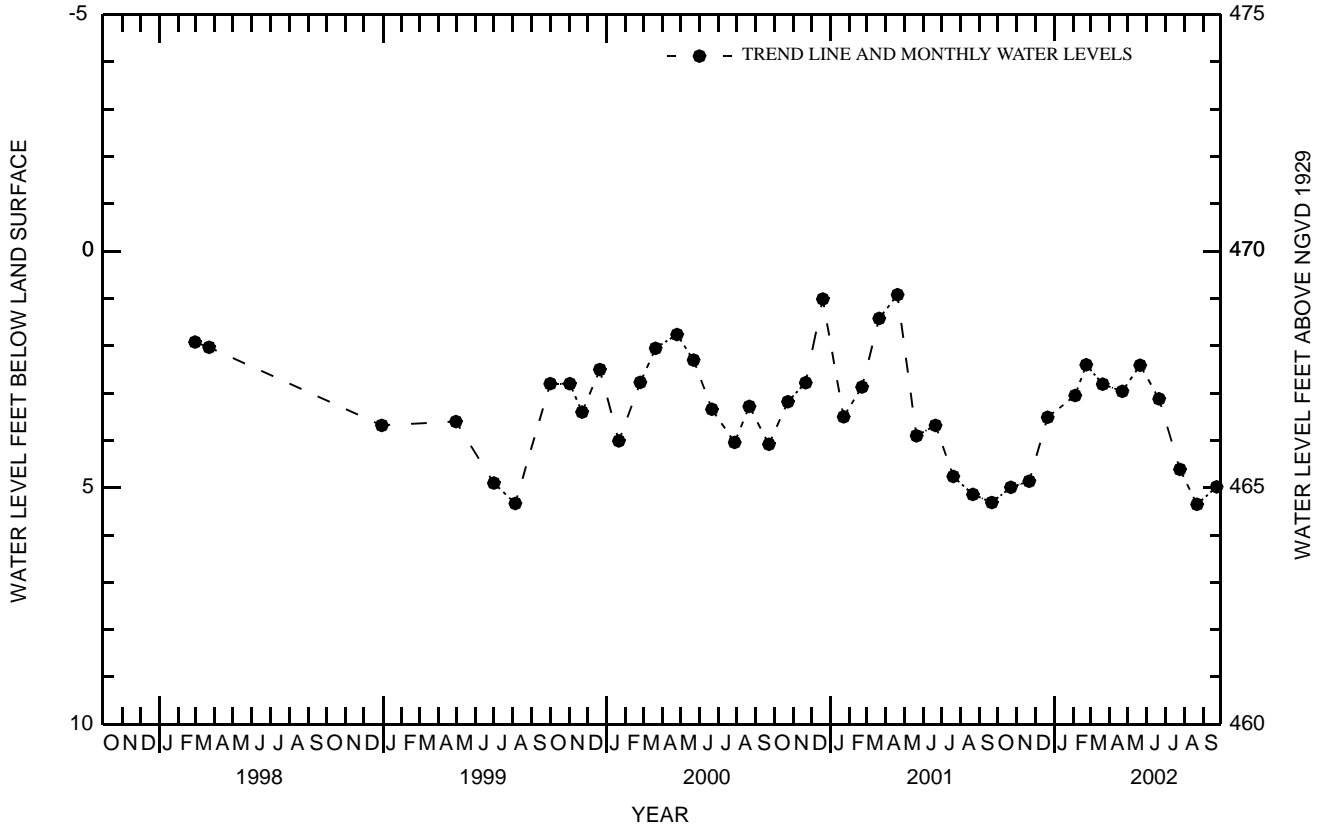
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.17 ft below land-surface datum, May 31, 1984; lowest measured, 6.23 ft below land-surface datum, September 27, 1964.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.99	FEB 22	2.40	JUN 21	3.12
NOV 21	4.86	MAR 21	2.81	JUL 25	4.61
DEC 21	3.51	APR 22	2.96	AUG 22	5.35
FEB 04	3.05	MAY 21	2.41	SEP 23	4.98

WATER YEAR 2002 HIGHEST 2.40 FEB 22, 2002 LOWEST 5.35 AUG 22, 2002

KEW 2



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 National Geodetic Vertical Datum 1929 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.

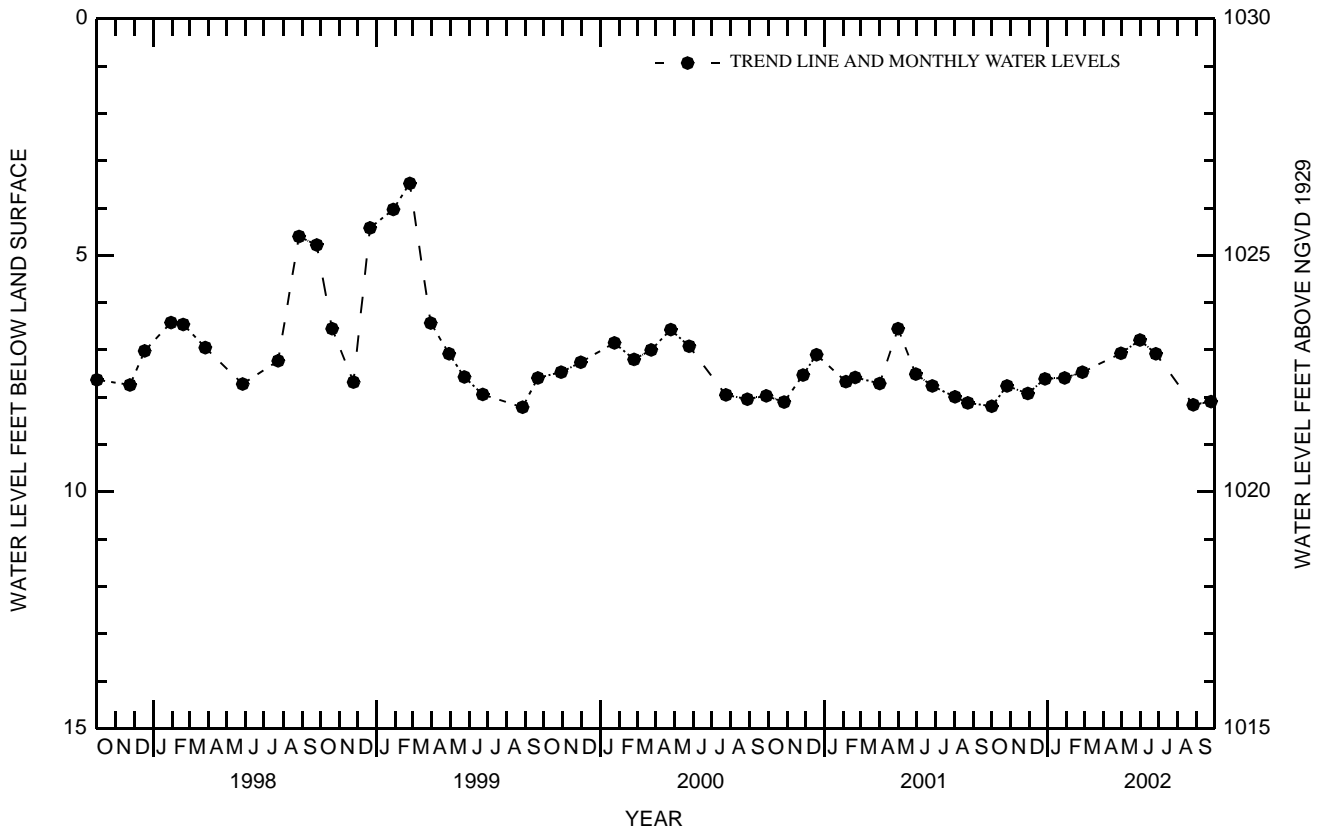
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.48 ft below land-surface datum, February 24, 1999; lowest measured, 8.21 ft below land-surface datum, August 27, 1999.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	8.19	JAN 28	7.59	JUN 26	7.08
26	7.76	FEB 26	7.47	AUG 26	8.16
NOV 29	7.92	APR 30	7.07	SEP 24	8.09
DEC 27	7.61	MAY 31	6.79		

WATER YEAR 2002 HIGHEST 6.79 MAY 31, 2002 LOWEST 8.19 OCT 01, 2001

CTW 73



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, 48 ft. from the edge of pavement. 1.45 mi. northwest from the intersection of Rte 26 and Rte 16. 1.8 mi. northwest of Rte 26 overpass of the Androscoggin River, 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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 3.00 ft above land-surface datum.

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

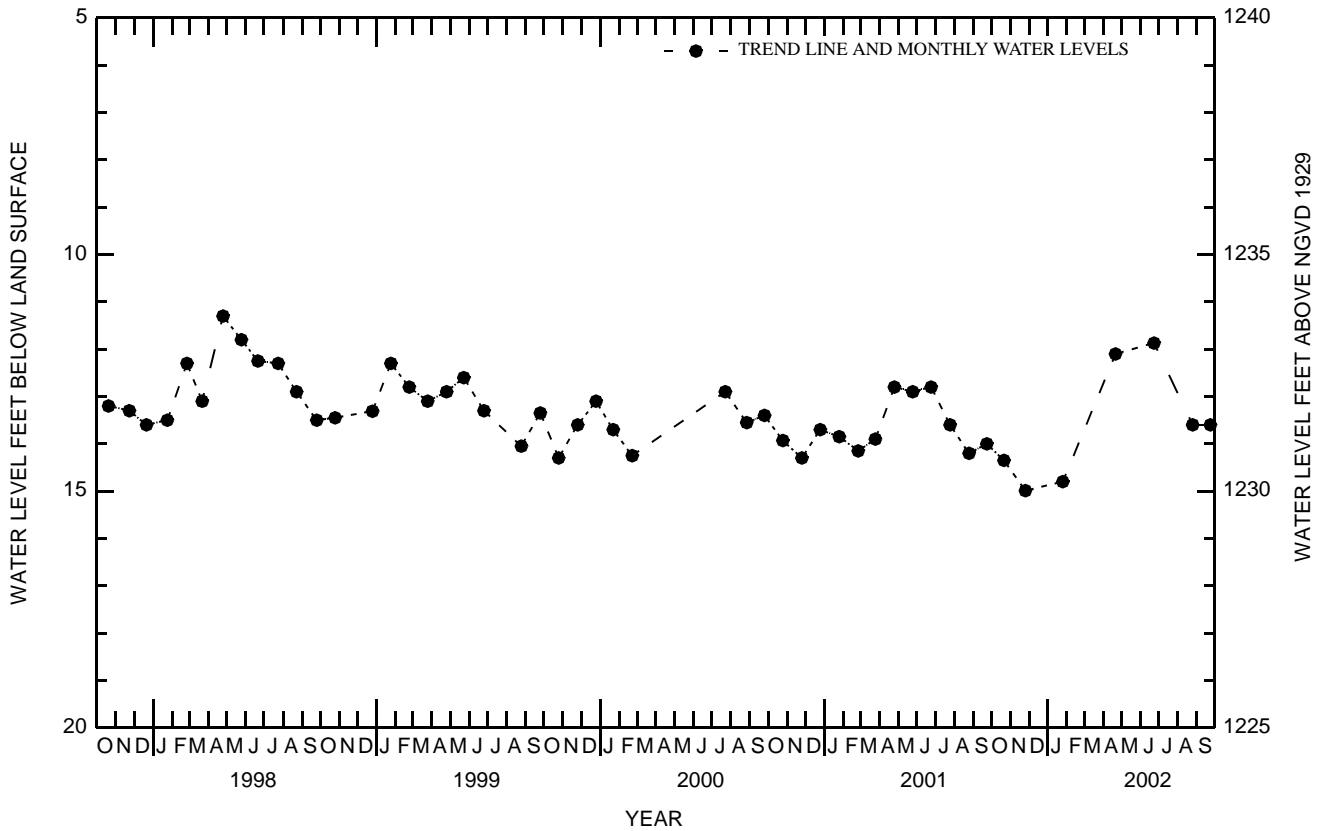
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.4 ft below land-surface datum, May 22, 1969; lowest measured, 14.99 ft below land-surface datum, November 25, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	14.35	APR 21	12.10	SEP 23	13.60
NOV 25	14.99	JUN 23	11.87		
JAN 25	14.80	AUG 25	13.60		

WATER YEAR 2002 HIGHEST 11.87 JUN 23, 2002 LOWEST 14.99 NOV 25, 2001

ETW 1



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 1.0 ft above land-surface datum.

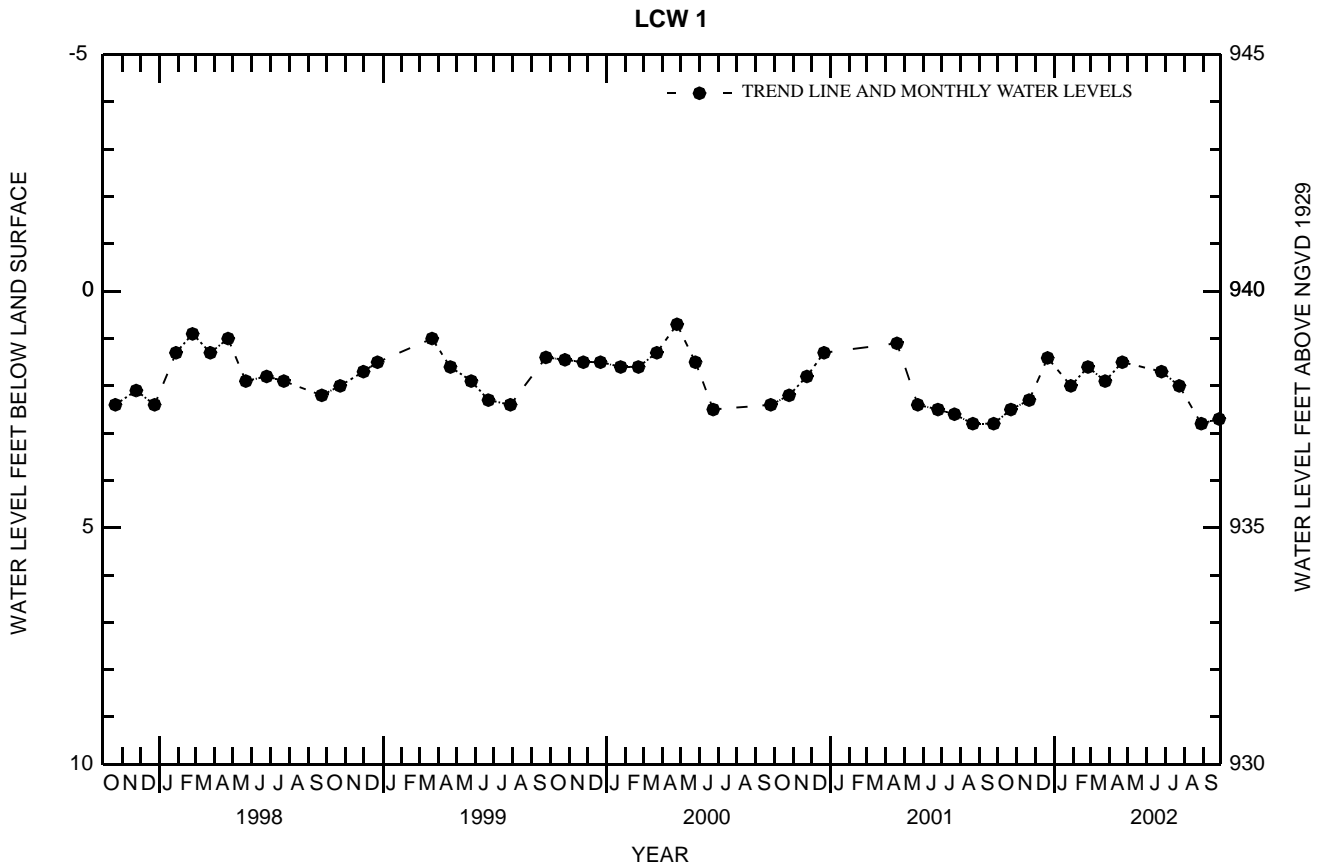
PERIOD OF RECORD.--November 1966 to May 1980, April 1981 to current year.

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, August 29, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.50	FEB 25	1.60	JUL 24	2.00
NOV 21	2.30	MAR 25	1.90	AUG 29	2.80
DEC 21	1.41	APR 22	1.50	SEP 27	2.70
JAN 28	2.00	JUN 25	1.70		

WATER YEAR 2002 HIGHEST 1.41 DEC 21, 2001 LOWEST 2.80 AUG 29, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.2 ft above land-surface datum.

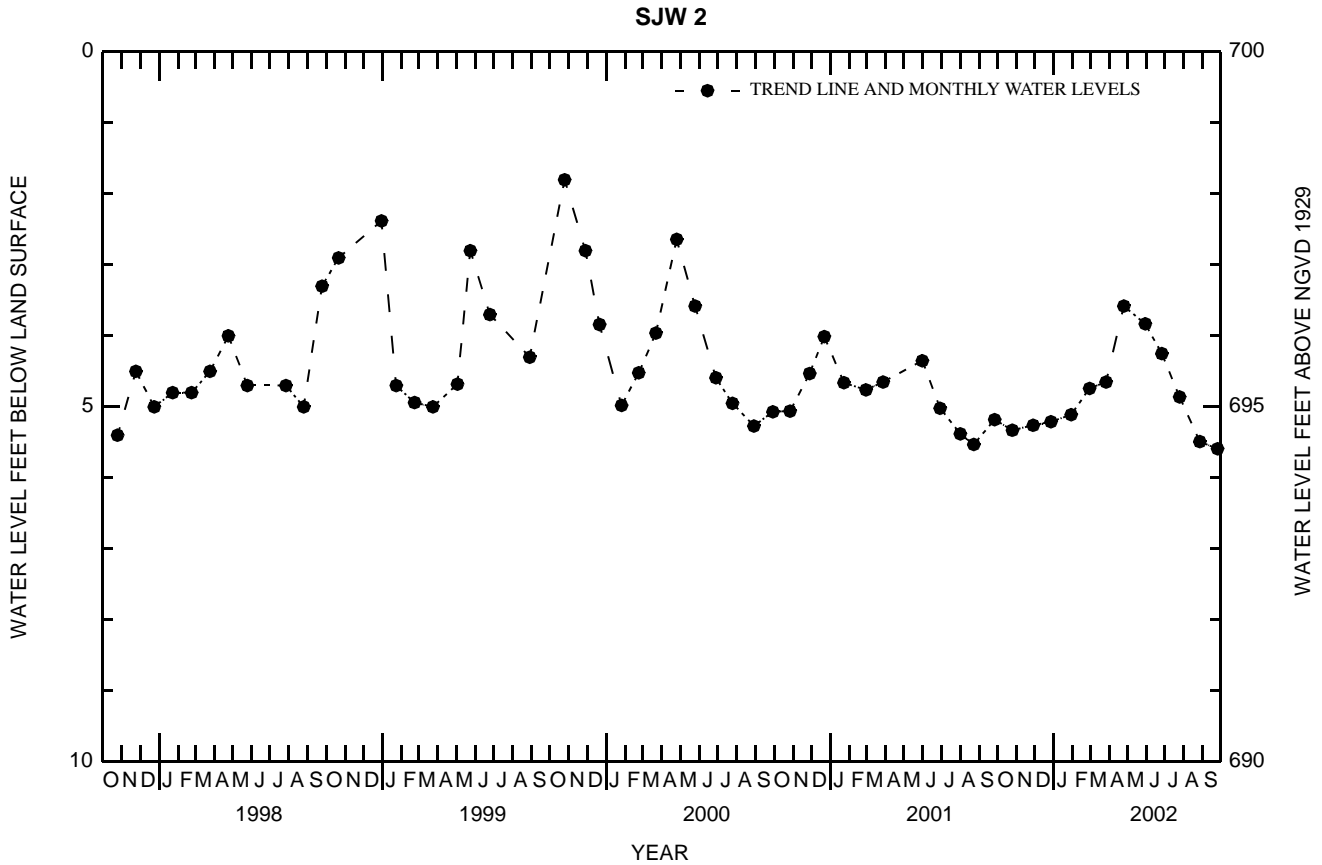
PERIOD OF RECORD.--September 1991, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.00 ft below land-surface datum (at land-surface), November 28, 1995; lowest measured, 5.59 ft below land-surface datum, September 25, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	5.33	FEB 28	4.74	JUN 26	4.25
NOV 28	5.26	MAR 27	4.65	JUL 25	4.86
DEC 27	5.21	APR 25	3.58	AUG 27	5.49
JAN 29	5.11	MAY 30	3.83	SEP 25	5.59

WATER YEAR 2002 HIGHEST 3.58 APR 25, 2002 LOWEST 5.59 SEP 25, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.6 ft above land-surface datum.

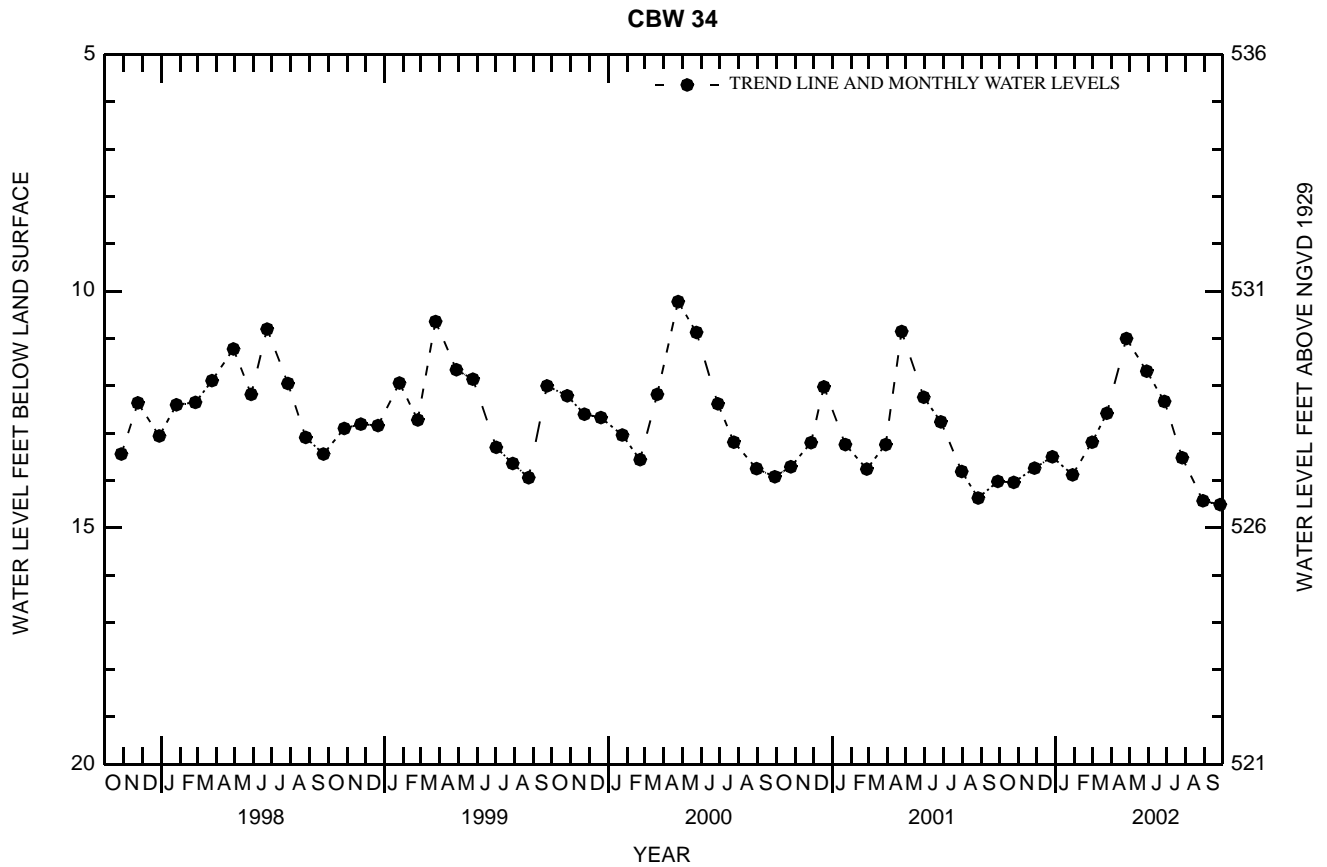
PERIOD OF RECORD.--June 1988, to August 1989, May 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.15 ft below land-surface datum, April 28, 1997; lowest measured, 14.51 ft below land-surface datum, September 26, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	14.04	MAR 01	13.19	JUN 27	12.33
NOV 27	13.74	25	12.58	JUL 26	13.52
DEC 26	13.50	APR 26	11.00	AUG 29	14.43
JAN 28	13.88	MAY 29	11.69	SEP 26	14.51

WATER YEAR 2002 HIGHEST 11.00 APR 26, 2002 LOWEST 14.51 SEP 26, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.8 ft above land-surface datum.

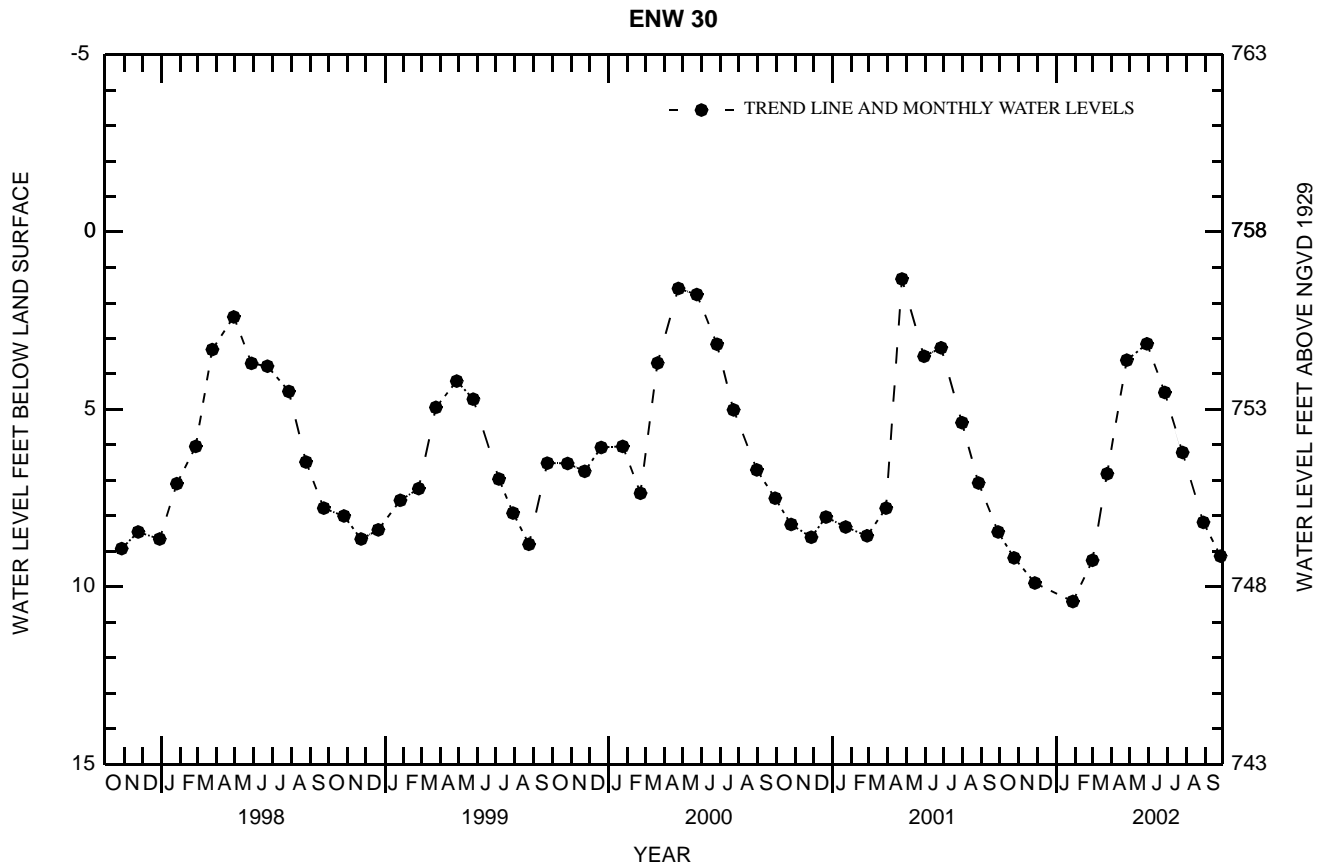
PERIOD OF RECORD.--May 1990 to October 1991, April 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.32 ft below land-surface datum, April 24, 2001; lowest measured, 10.41 ft below land-surface datum, January 28, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	9.18	MAR 01	9.25	JUN 27	4.52
NOV 27	9.89	25	6.81	JUL 26	6.21
DEC 26	10.20	APR 26	3.61	AUG 29	8.18
JAN 28	10.41	MAY 29	3.15	SEP 26	9.13

WATER YEAR 2002 HIGHEST 3.15 MAY 29, 2002 LOWEST 10.41 JAN 28, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.7 ft above land-surface datum.

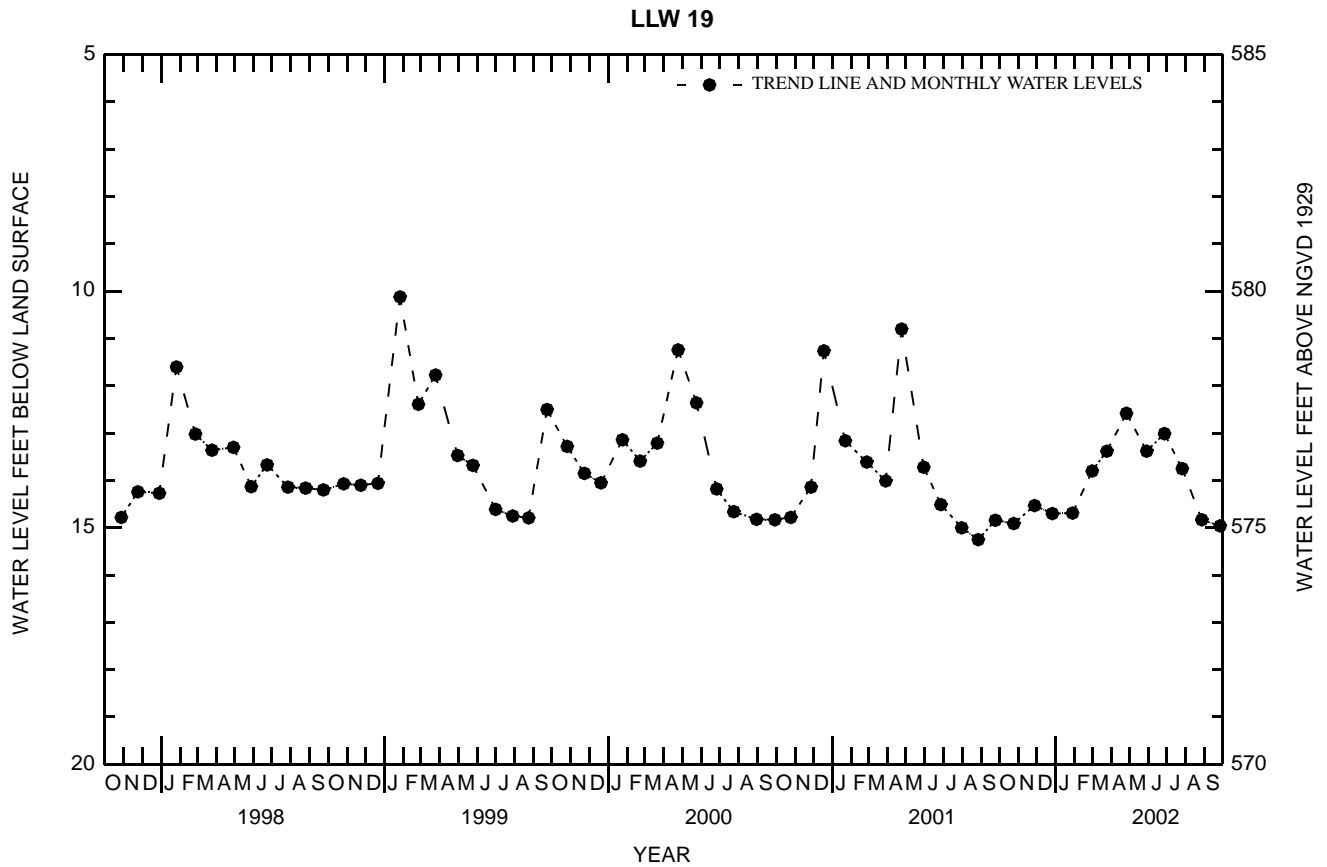
PERIOD OF RECORD.--December 1990 to October 1991, May 1995 to current year.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	14.91	MAR 01	13.80	JUN 27	13.01
NOV 27	14.53	25	13.38	JUL 26	13.75
DEC 26	14.70	APR 26	12.58	AUG 27	14.83
JAN 28	14.69	MAY 29	13.38	SEP 26	14.96

WATER YEAR 2002 HIGHEST 12.58 APR 26, 2002 LOWEST 14.96 SEP 26, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 0.9 ft above land-surface datum.

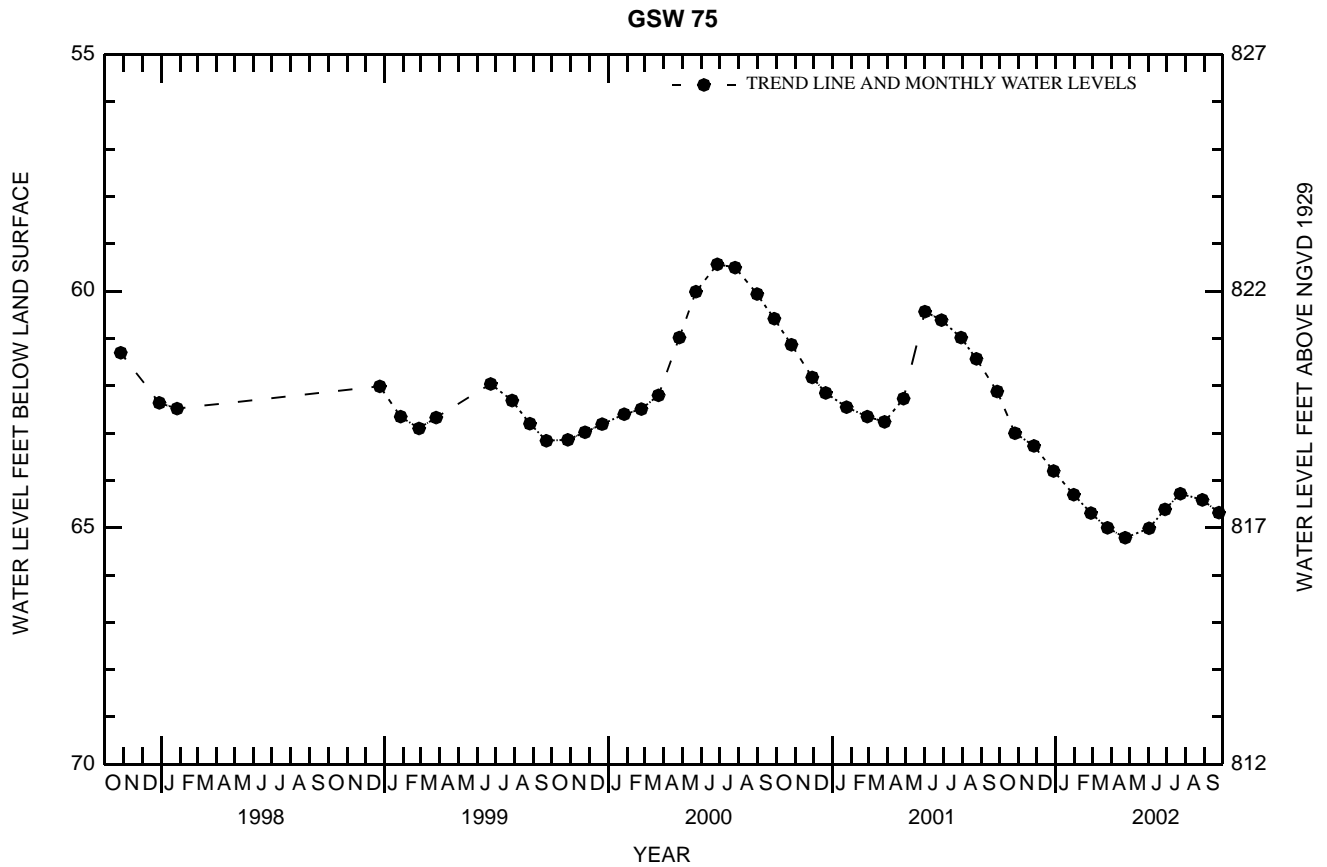
PERIOD OF RECORD.--July 1989, July 1995 to current year.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	63.00	FEB 27	64.69	JUN 28	64.61
NOV 26	63.27	MAR 26	65.00	JUL 23	64.28
DEC 28	63.80	APR 24	65.21	AUG 28	64.41
JAN 30	64.30	JUN 02	65.01	SEP 24	64.68

WATER YEAR 2002 HIGHEST 63.00 OCT 26, 2001 LOWEST 65.21 APR 24, 2002



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 National Geodetic Vertical Datum 1929 (levels by U.S. Geological Survey). Previously published as about 265 ft above National Geodetic Vertical Datum 1929. Measuring point: Top of concrete casing on south side of well, 1.60 ft above land-surface datum, elevation 264.34 ft above National Geodetic Vertical Datum 1929 (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.

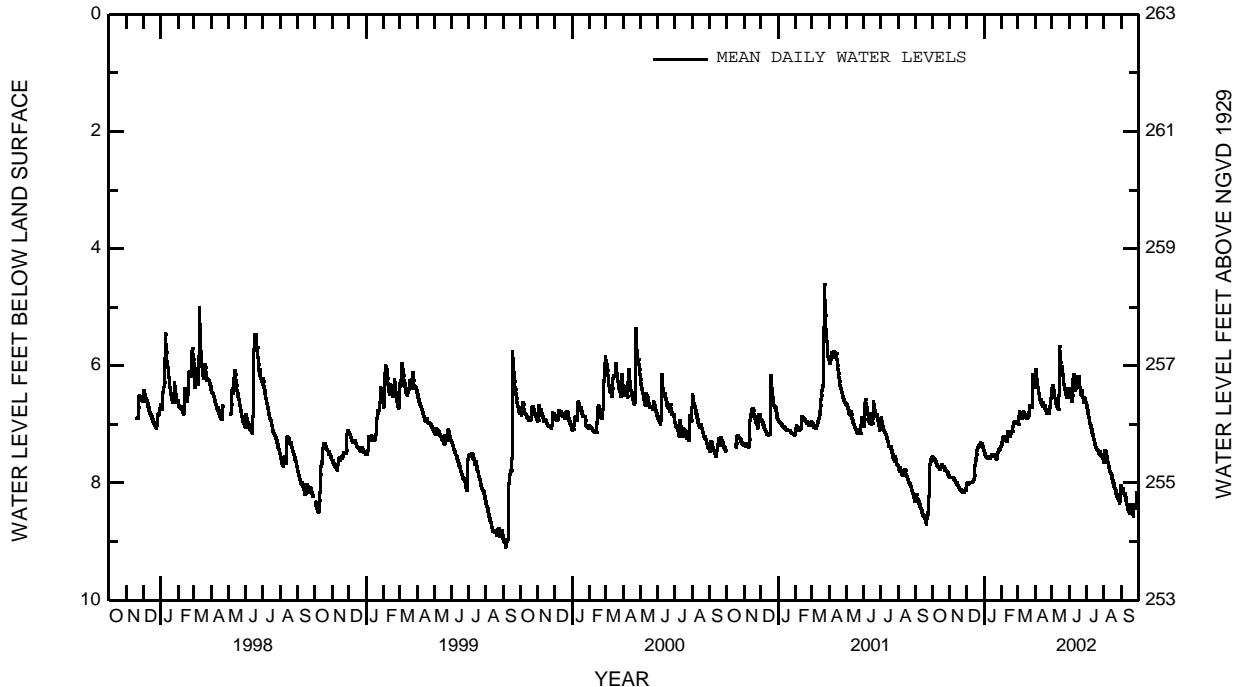
REVISED RECORDS.-- WRD NH-VT-00-1: 1999.

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 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.56	7.91	8.01	7.47	7.31	6.98	6.17	6.4	6.39	6.67	7.65	8.07
2	7.56	7.9	8.00	7.50	7.25	7	6.07	6.41	6.45	6.71	7.6	8.1
3	7.58	7.91	8.00	7.52	7.22	6.87	6.16	6.34	6.54	6.76	7.45	8.1
4	7.6	7.91	8.01	7.54	7.21	6.79	6.23	6.42	6.59	6.82	7.46	8.1
5	7.62	7.9	8.01	7.56	7.21	6.8	6.3	6.49	6.61	6.88	7.49	8.13
6	7.63	7.9	8.00	7.57	7.23	6.82	6.37	6.55	6.51	6.93	7.54	8.18
7	7.65	7.91	8.00	7.57	7.25	6.86	6.44	6.59	6.23	6.98	7.6	8.21
8	7.68	7.93	8.00	7.58	7.27	6.89	6.48	6.65	6.15	7.02	7.65	8.25
9	7.7	7.94	8.00	7.58	7.29	6.9	6.52	6.68	6.24	7.06	7.69	8.29
10	7.71	7.95	8.00	7.58	7.29	6.81	6.57	6.69	6.34	7.09	7.72	8.32
11	7.72	7.97	7.99	7.55	7.14	6.79	6.62	6.73	6.41	7.14	7.76	8.36
12	7.74	7.99	7.98	7.55	7.12	6.8	6.64	6.74	6.38	7.18	7.8	8.41
13	7.76	8.02	7.94	7.52	7.15	6.82	6.66	6.51	6.2	7.22	7.84	8.44
14	7.77	8.04	7.88	7.53	7.19	6.84	6.69	5.67	6.28	7.26	7.88	8.48
15	7.74	8.05	7.7	7.51	7.21	6.87	6.64	5.75	6.27	7.3	7.92	8.51
16	7.72	8.06	7.62	7.52	7.2	6.88	6.62	5.95	6.19	7.33	7.96	8.42
17	7.68	8.08	7.58	7.51	7.16	6.9	6.67	6.1	6.19	7.36	7.98	8.36
18	7.69	8.09	7.51	7.52	7.13	6.9	6.72	6.07	6.28	7.39	8.01	8.39
19	7.71	8.11	7.44	7.54	7.12	6.88	6.74	6.02	6.37	7.41	8.06	8.44
20	7.72	8.12	7.39	7.56	7.12	6.85	6.76	6.15	6.44	7.42	8.1	8.49
21	7.74	8.13	7.37	7.57	7.04	6.79	6.79	6.24	6.49	7.44	8.13	8.53
22	7.76	8.14	7.37	7.59	6.97	6.7	6.81	6.32	6.5	7.47	8.17	8.56
23	7.78	8.15	7.37	7.59	6.96	6.69	6.8	6.37	6.42	7.49	8.2	8.43
24	7.78	8.16	7.35	7.52	6.97	6.71	6.81	6.41	6.46	7.47	8.22	8.37
25	7.79	8.16	7.33	7.48	6.98	6.72	6.81	6.48	6.54	7.5	8.22	8.39
26	7.8	8.12	7.32	7.45	6.98	6.7	6.7	6.53	6.59	7.52	8.25	8.43
27	7.82	8.12	7.32	7.44	6.97	6.29	6.71	6.54	6.62	7.53	8.29	8.39
28	7.85	8.12	7.35	7.42	6.95	6.15	6.7	6.39	6.55	7.54	8.34	8.22
29	7.87	8.10	7.38	7.42	---	6.22	6.56	6.43	6.55	7.55	8.31	8.16
30	7.89	8.04	7.41	7.38	---	6.29	6.41	6.48	6.62	7.58	8.07	8.16
31	7.91	---	7.44	7.34	---	6.36	---	6.49	---	7.61	8.05	---
MEAN	7.73	8.03	7.68	7.52	7.14	6.74	6.57	6.37	6.41	7.25	7.92	8.32
MAX	7.91	8.16	8.01	7.59	7.31	7.00	6.81	6.74	6.62	7.61	8.34	8.56
MIN	7.56	7.90	7.32	7.34	6.95	6.15	6.07	5.67	6.15	6.67	7.45	8.07
CAL YR 2001	MEAN 7.29	HIGH 4.61	LOW 8.70									
WTR YR 2002	MEAN 7.31	HIGH 5.67	LOW 8.56									

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 National Geodetic Vertical Datum 1929 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.

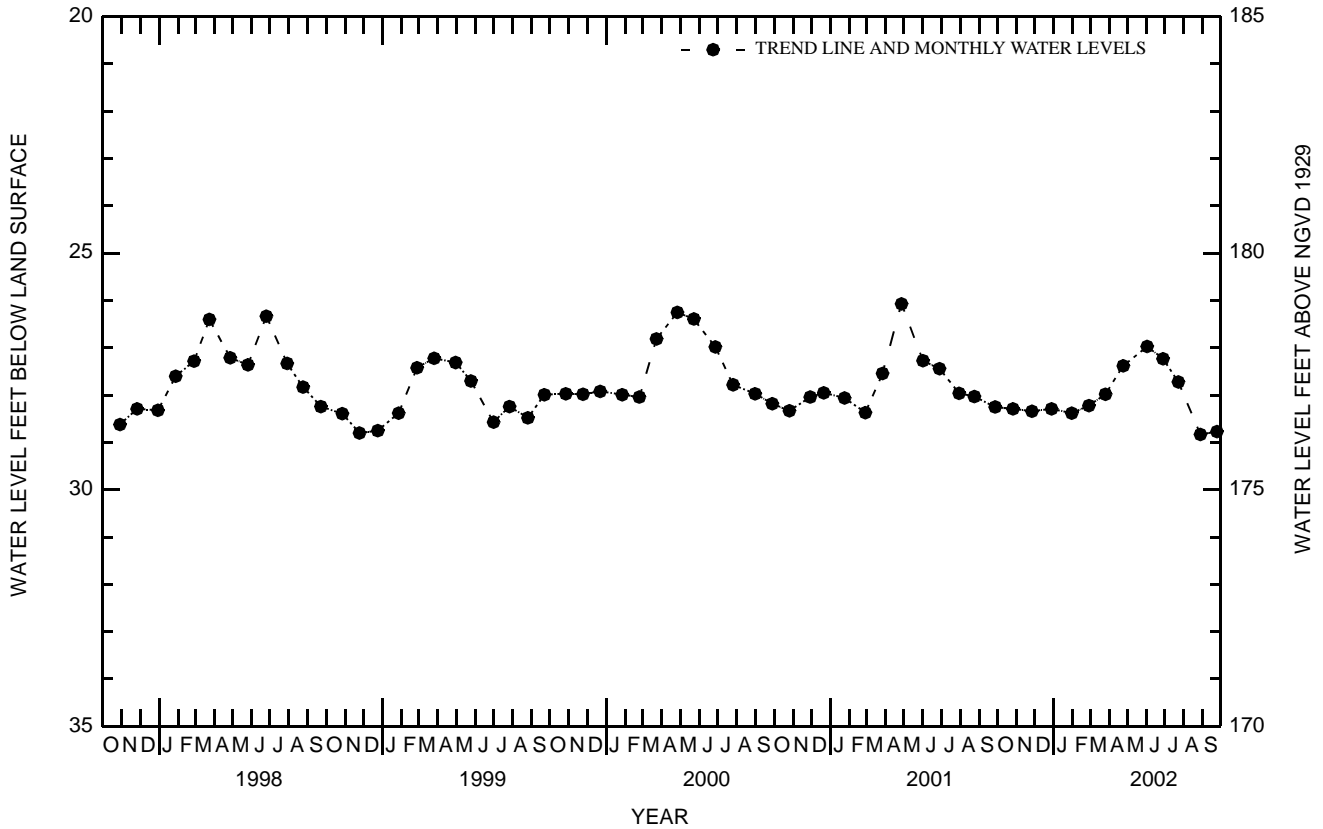
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.07 ft below land-surface datum, April 27, 2001; lowest measured, 33.10 ft below land-surface datum, November 25, 1964.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	28.29	FEB 27	28.22	JUN 28	27.23
NOV 26	28.34	MAR 26	27.98	JUL 23	27.72
DEC 28	28.29	APR 24	27.38	AUG 28	28.83
JAN 30	28.38	JUN 02	26.97	SEP 24	28.77

WATER YEAR 2002 HIGHEST 26.97 JUN 02, 2002 LOWEST 28.83 AUG 28, 2002

NAW 218



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 3.00 ft above land-surface datum.

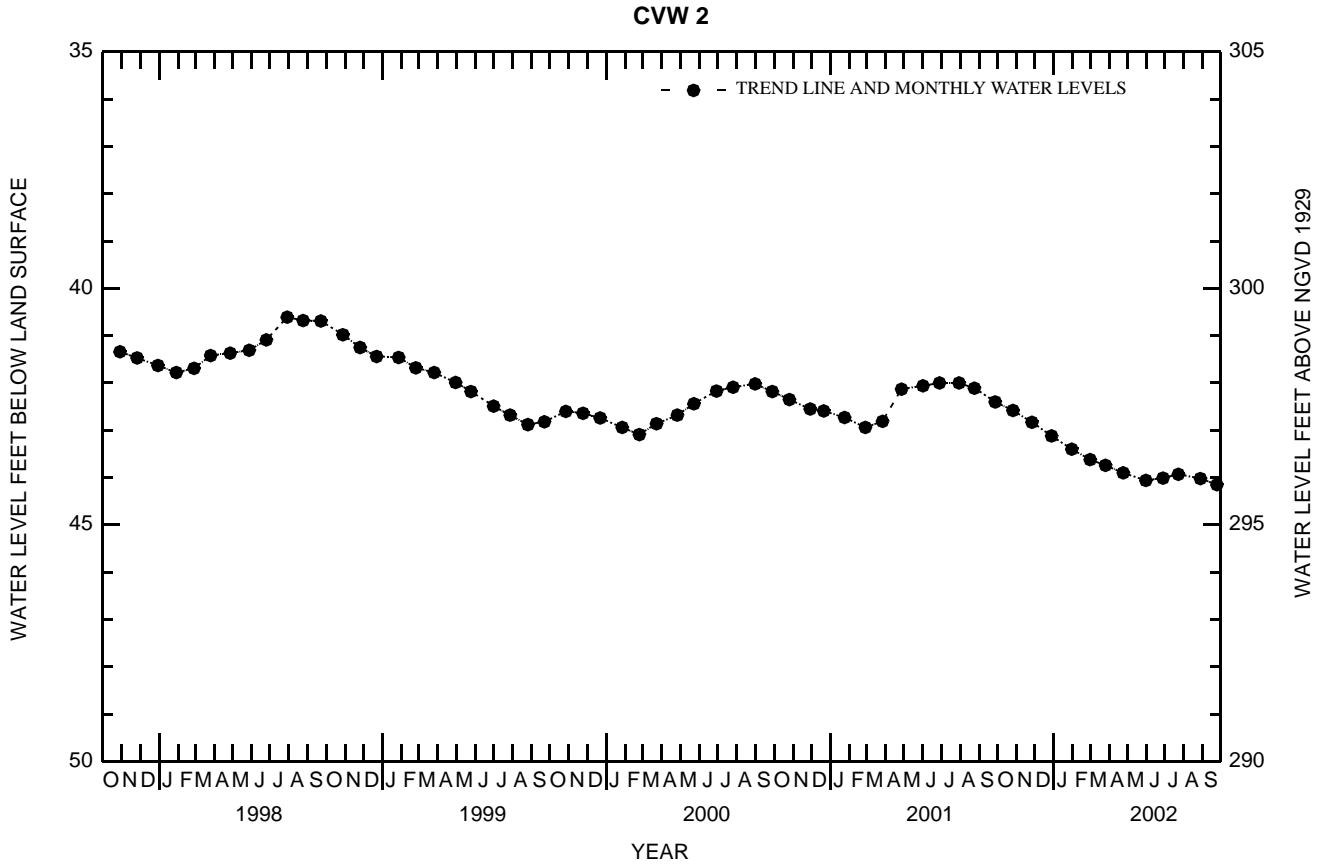
PERIOD OF RECORD.--August 1963 to May 1965, August 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.85 ft below land-surface datum, August 27, 1973; lowest measured, 44.66 ft below land-surface datum, August 23, 1995.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	42.58	MAR 01	43.62	JUN 28	44.01
NOV 26	42.83	26	43.74	JUL 23	43.93
DEC 28	43.12	APR 24	43.90	AUG 28	44.02
JAN 30	43.40	MAY 31	44.06	SEP 24	44.15

WATER YEAR 2002 HIGHEST 42.58 OCT 26, 2001 LOWEST 44.15 SEP 24, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 3.8 ft above land-surface datum.

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

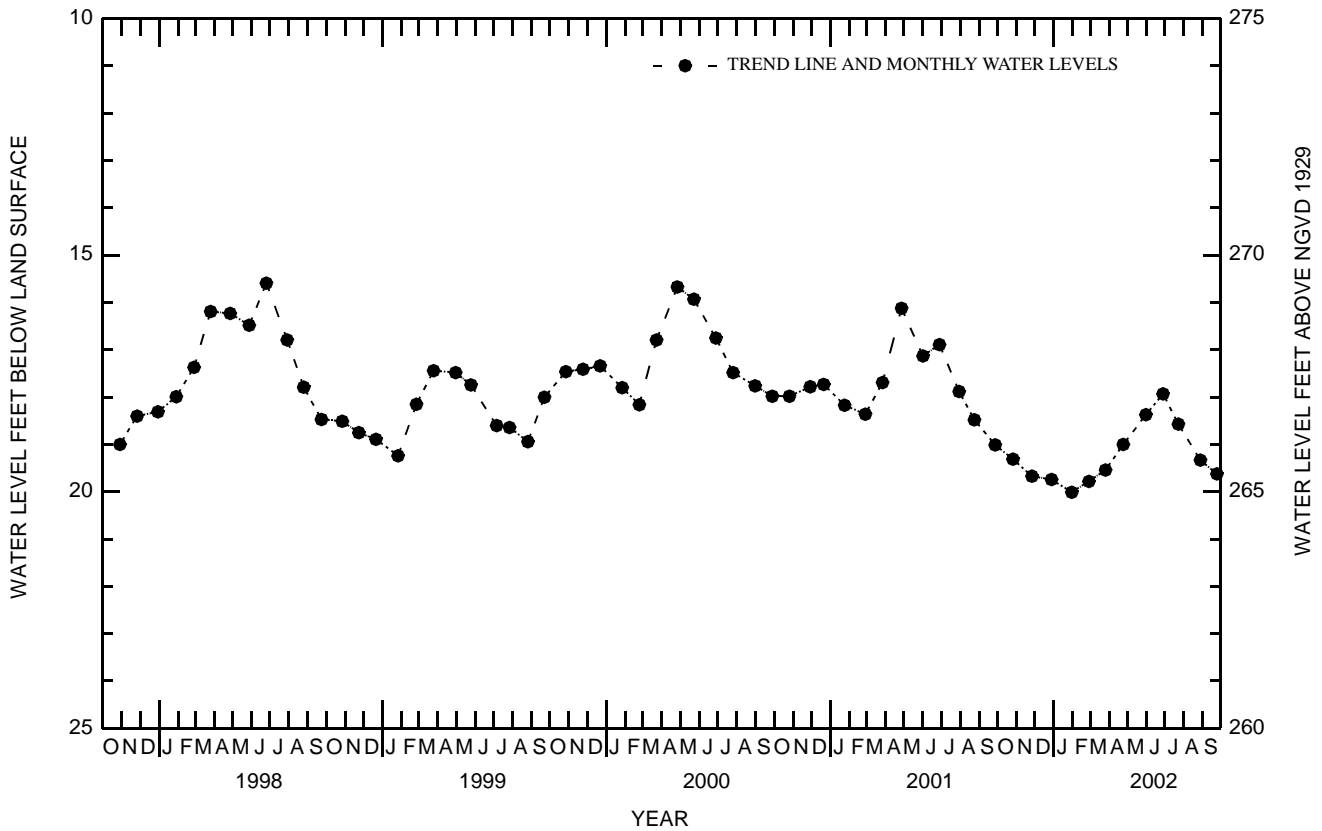
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.94 ft below land-surface datum, June 5, 1984; lowest measured, 20.30 ft below land-surface datum, January 26, 1981.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	19.31	FEB 27	19.78	JUN 28	17.93
NOV 26	19.67	MAR 26	19.54	JUL 23	18.57
DEC 28	19.74	APR 24	19.00	AUG 28	19.33
JAN 30	20.01	MAY 31	18.37	SEP 24	19.62

WATER YEAR 2002 HIGHEST 17.93 JUN 28, 2002 LOWEST 20.01 JAN 30, 2002

CVW 4



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 1.80 ft above land-surface datum.

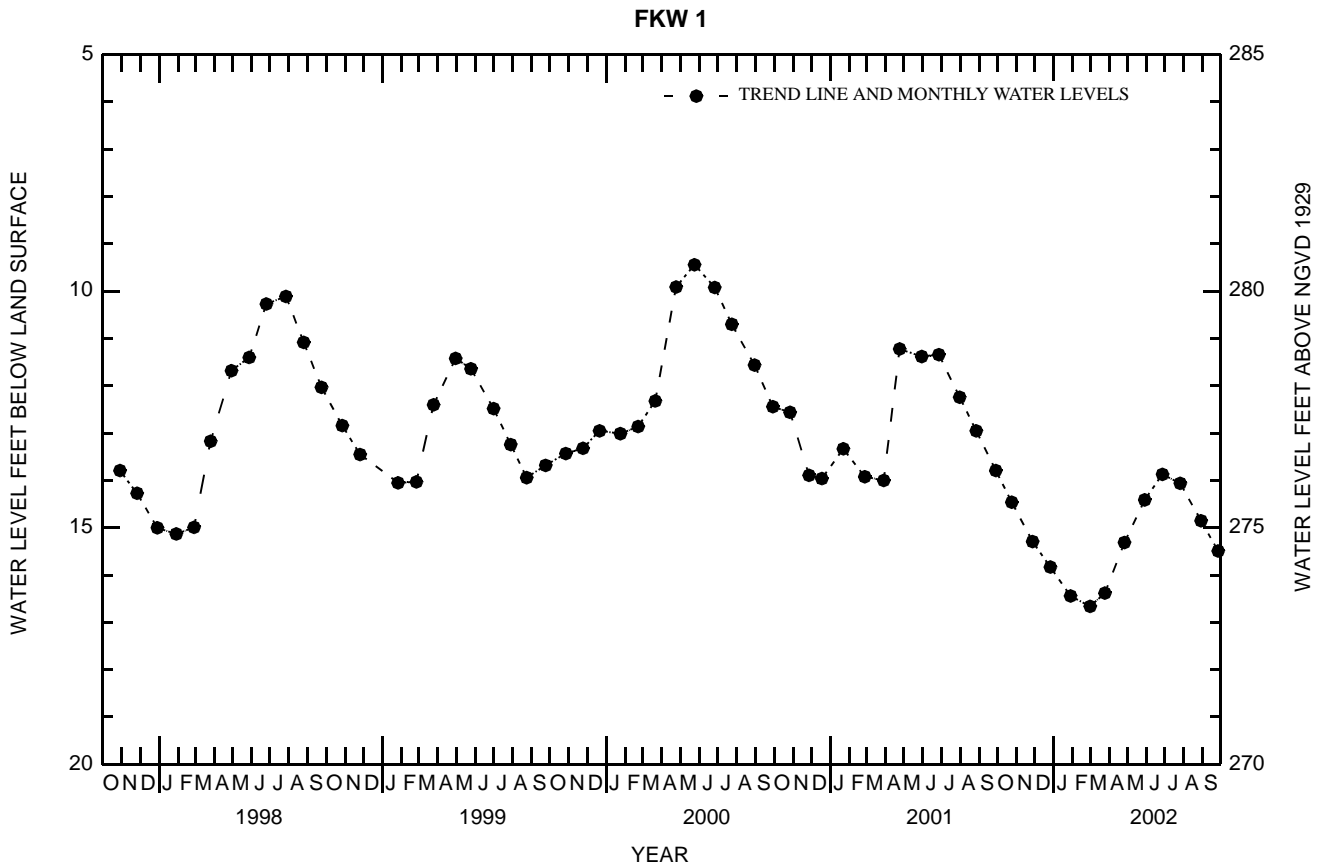
PERIOD OF RECORD.--October 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.18 ft below land-surface datum, June 5, 1984; lowest measured, 16.66 ft below land-surface datum, March 1, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	14.46	MAR 01	16.66	JUN 27	13.87
NOV 27	15.29	25	16.38	JUL 26	14.06
DEC 26	15.83	APR 26	15.31	AUG 29	14.85
JAN 28	16.44	MAY 29	14.41	SEP 26	15.49

WATER YEAR 2002 HIGHEST 13.87 JUN 27, 2002 LOWEST 16.66 MAR 01, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 3.00 ft above land-surface datum.

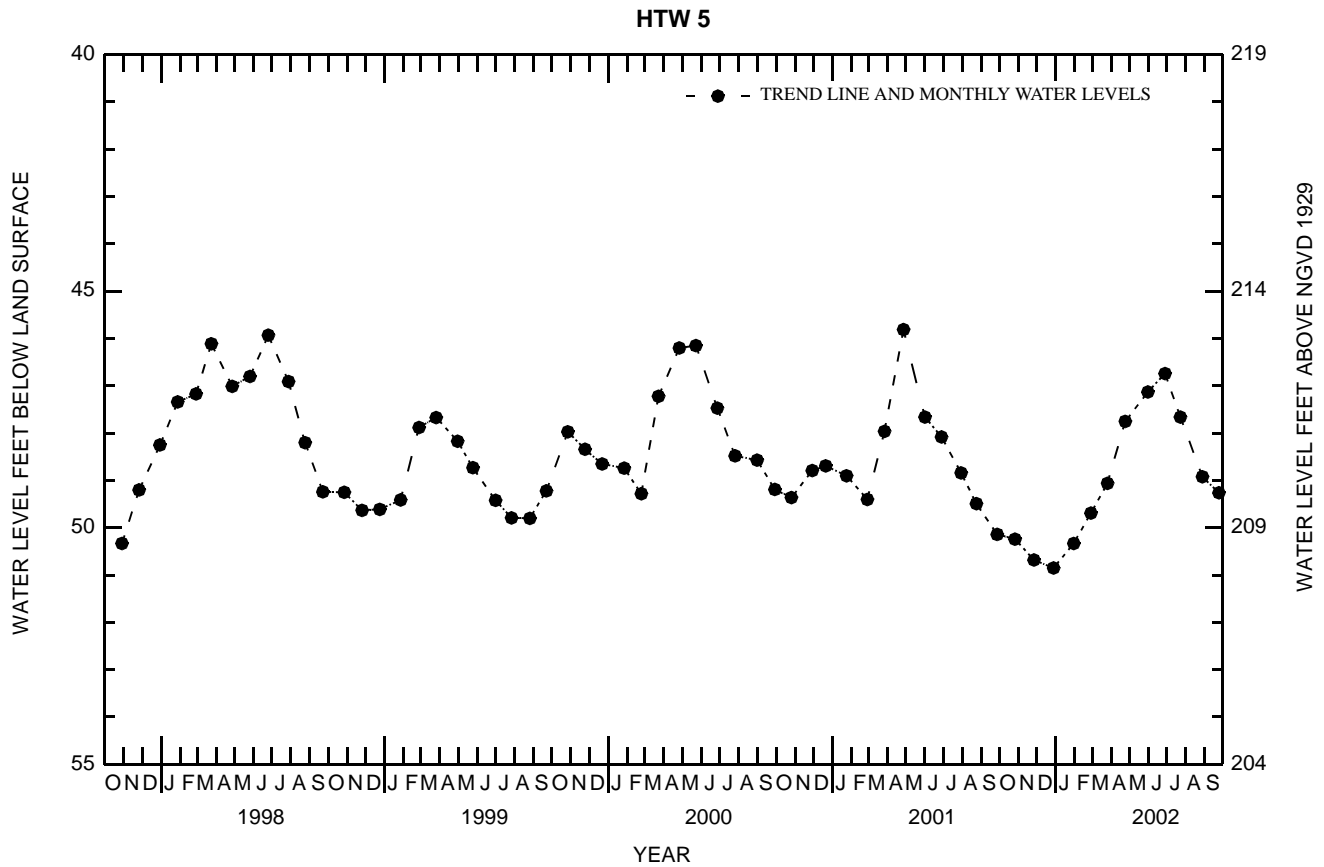
PERIOD OF RECORD.--April 1965 to current year.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	50.24	FEB 27	49.69	JUN 28	46.74
NOV 26	50.68	MAR 26	49.06	JUL 23	47.66
DEC 28	50.85	APR 24	47.75	AUG 28	48.92
JAN 30	50.33	MAY 31	47.13	SEP 24	49.26

WATER YEAR 2002 HIGHEST 46.74 JUN 28, 2002 LOWEST 50.85 DEC 28, 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 National Geodetic Vertical Datum 1929 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.

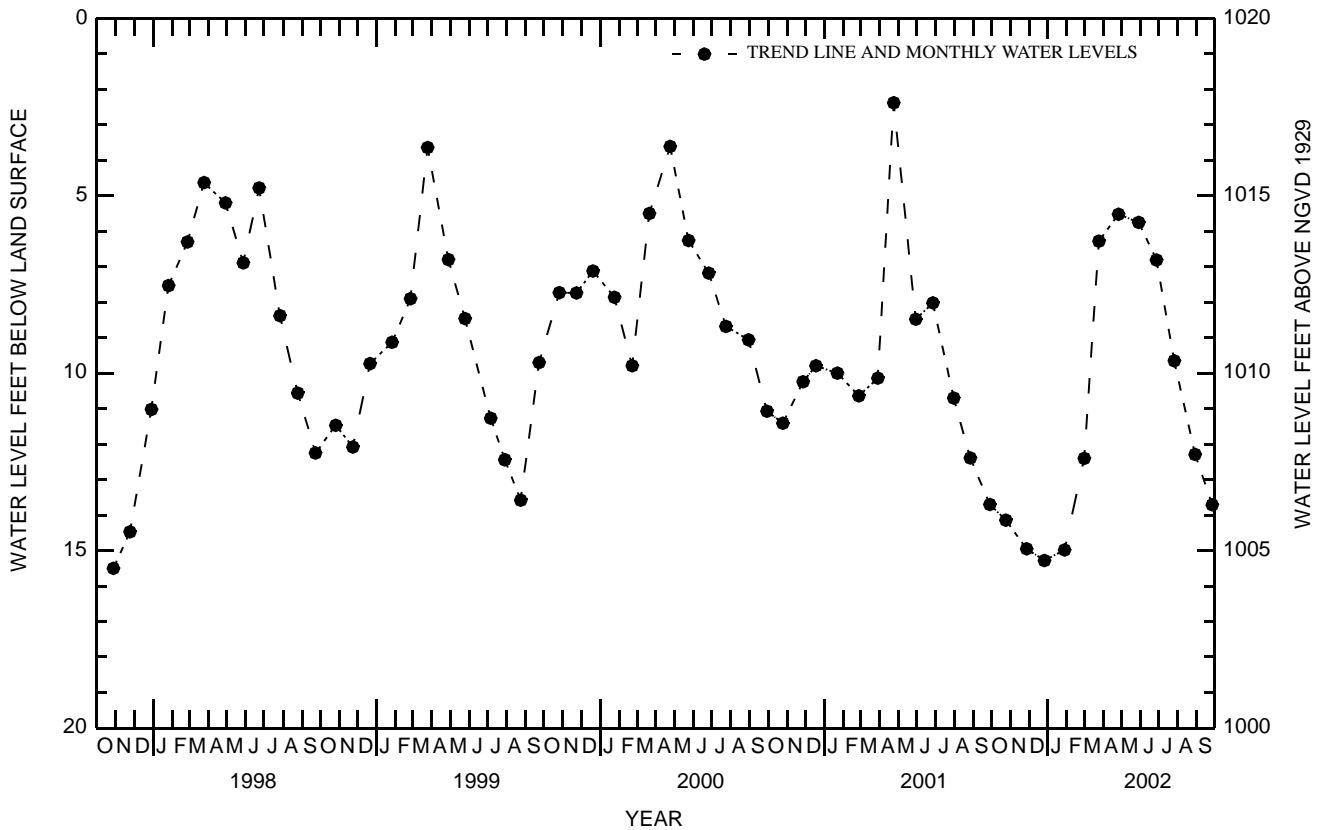
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.80 ft below land-surface datum, April 2, 1963; lowest measured, 16.90 ft below land-surface datum, December 28, 1964.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	14.14	MAR 01	12.40	JUN 27	6.81
NOV 27	14.95	25	6.28	JUL 26	9.65
DEC 26	15.28	APR 26	5.52	AUG 29	12.29
JAN 28	14.98	MAY 29	5.75	SEP 26	13.71

WATER YEAR 2002 HIGHEST 5.52 APR 26, 2002 LOWEST 15.28 DEC 26, 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.

REMARKS.-- Interruptions in the record due to malfunction of the instrument.

DATUM.--Elevation of land-surface datum is 424 ft above National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 3.2 ft above land-surface datum.

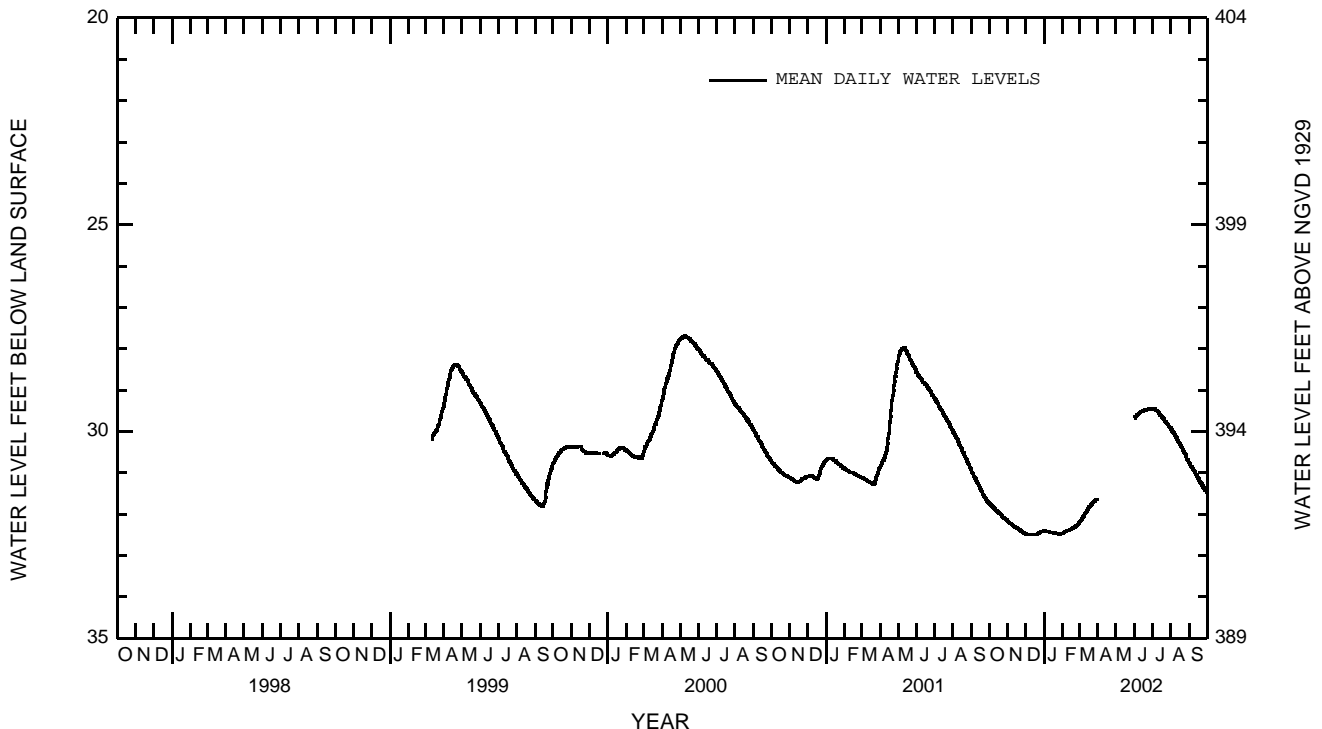
PERIOD OF RECORD.--December 1965 to current year.

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 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.74	32.17	32.48	32.40	32.45	32.19	---	---	29.68	29.45	29.93	30.77
2	31.76	32.19	32.48	32.40	32.44	32.18	---	---	29.65	29.44	29.96	30.80
3	31.77	32.20	32.48	32.40	32.43	32.16	---	---	29.64	29.44	29.98	30.82
4	31.78	32.21	32.49	32.41	32.42	32.13	---	---	29.62	29.45	30.01	30.84
5	31.80	32.22	32.49	32.41	32.41	32.11	---	---	29.60	29.46	30.02	30.87
6	31.81	32.23	32.48	32.41	32.41	32.08	---	---	29.59	29.47	30.05	30.90
7	31.82	32.25	32.48	32.42	32.40	32.05	---	---	29.58	29.49	30.08	30.92
8	31.84	32.26	32.48	32.42	32.40	32.03	---	---	29.57	29.50	30.10	30.95
9	31.85	32.27	32.48	32.42	32.40	32.01	---	---	29.55	29.50	30.13	30.97
10	31.87	32.28	32.49	32.43	32.39	31.98	---	---	29.54	29.52	30.15	30.99
11	31.88	32.29	32.49	32.43	32.39	31.96	---	---	29.53	29.54	30.17	31.01
12	31.90	32.30	32.49	32.43	32.38	31.94	---	---	29.52	29.56	30.20	31.05
13	31.92	32.31	32.49	32.43	32.37	31.91	---	---	29.51	29.58	30.23	31.07
14	31.93	32.32	32.49	32.44	32.36	31.89	---	---	29.51	29.60	30.26	31.10
15	31.95	32.33	32.49	32.44	32.35	31.87	---	---	29.50	29.61	30.28	31.12
16	31.96	32.34	32.49	32.45	32.34	31.85	---	---	29.49	29.63	30.31	31.14
17	31.97	32.35	32.49	32.45	32.33	31.83	---	---	29.48	29.65	30.33	31.17
18	31.99	32.36	32.48	32.45	32.33	31.81	---	---	29.48	29.67	30.36	31.19
19	32.00	32.37	32.48	32.45	32.32	31.79	---	---	29.48	29.69	30.39	31.22
20	32.02	32.38	32.47	32.46	32.32	31.77	---	---	29.48	29.71	30.42	31.24
21	32.03	32.39	32.46	32.46	32.31	31.75	---	---	29.47	29.73	30.46	31.26
22	32.04	32.40	32.46	32.47	32.30	31.74	---	---	29.47	29.75	30.48	31.29
23	32.06	32.41	32.45	32.47	32.28	31.72	---	---	29.47	29.76	30.51	31.32
24	32.07	32.42	32.44	32.47	32.27	31.71	---	---	29.46	29.79	30.54	31.34
25	32.08	32.43	32.44	32.48	32.26	31.70	---	---	29.45	29.81	30.56	31.36
26	32.10	32.44	32.43	32.48	32.24	31.69	---	---	29.45	29.83	30.60	31.39
27	32.11	32.44	32.42	32.48	32.22	31.67	---	---	29.44	29.84	30.63	31.41
28	32.12	32.45	32.42	32.47	32.21	31.66	---	---	29.44	29.86	30.66	31.43
29	32.14	32.46	32.41	32.47	---	31.64	---	---	29.46	29.87	30.69	31.45
30	32.15	32.47	32.41	32.47	---	31.62	---	---	29.45	29.89	30.71	31.47
31	32.16	---	32.40	32.46	---	---	---	---	---	29.91	30.75	---
MEAN	31.96	32.33	32.47	32.44	32.35	---	---	---	29.52	29.65	30.32	31.13
MAX	32.16	32.47	32.49	32.48	32.45	---	---	---	29.68	29.91	30.75	31.47
MIN	31.74	32.17	32.40	32.40	32.21	---	---	---	29.44	29.44	29.93	30.77
CAL YR 2001	MEAN 30.66		HIGH 27.97		LOW 32.49							
WTR YR 2002			HIGH 29.44		LOW 32.49							

WCW 1



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 National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.8 ft above land-surface datum.

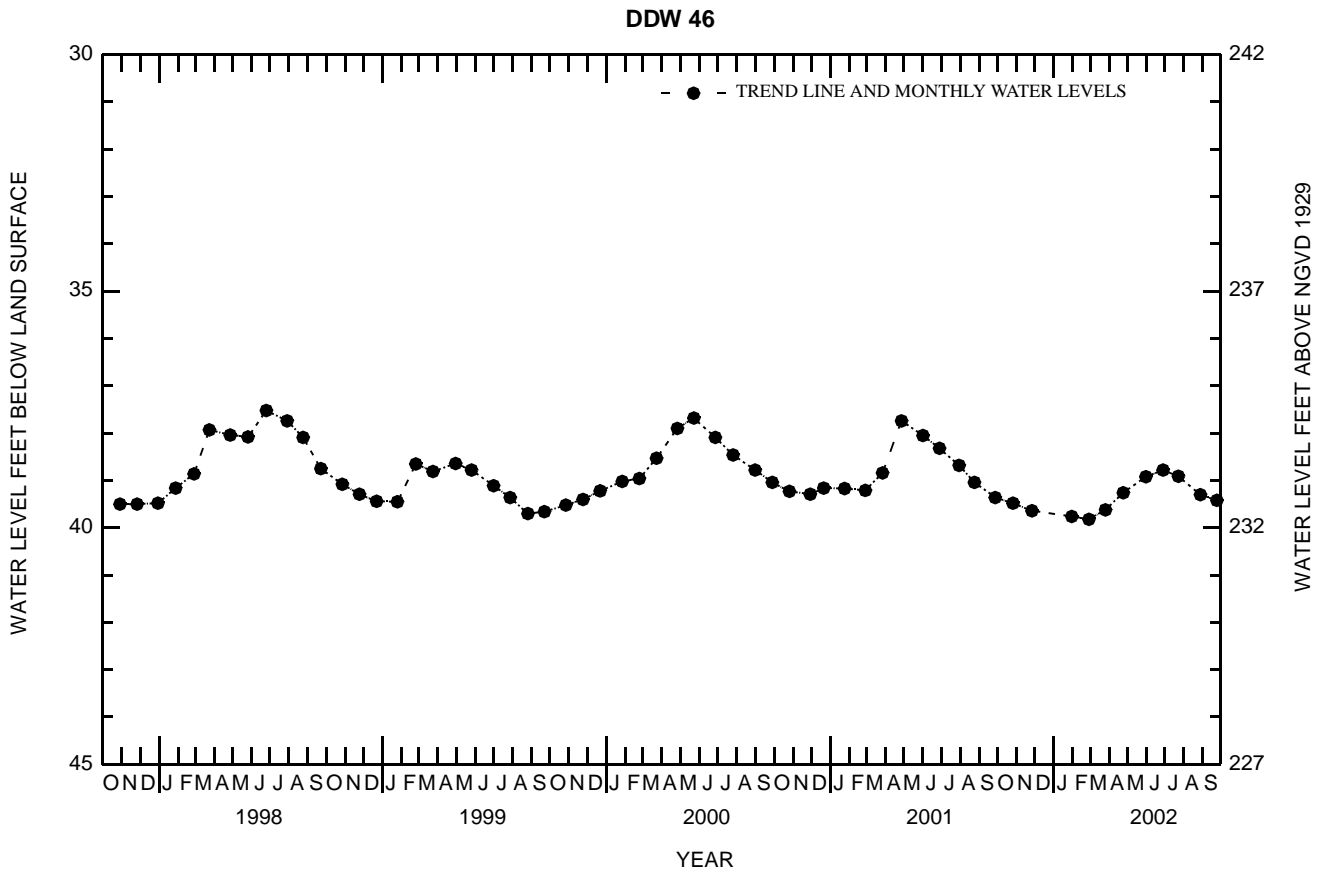
PERIOD OF RECORD.--November 1984 to May 1986, April 1989, April 1995 to current year.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	39.48	FEB 27	39.82	JUN 28	38.78
NOV 26	39.64	MAR 26	39.62	JUL 23	38.91
DEC 28	39.76	APR 24	39.26	AUG 28	39.30
JAN 30	39.76	MAY 31	38.92	SEP 24	39.42

WATER YEAR 2002 HIGHEST 38.78 JUN 28, 2002 LOWEST 39.82 FEB 27, 2002



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 National Geodetic Vertical Datum 1929 from topographic map.

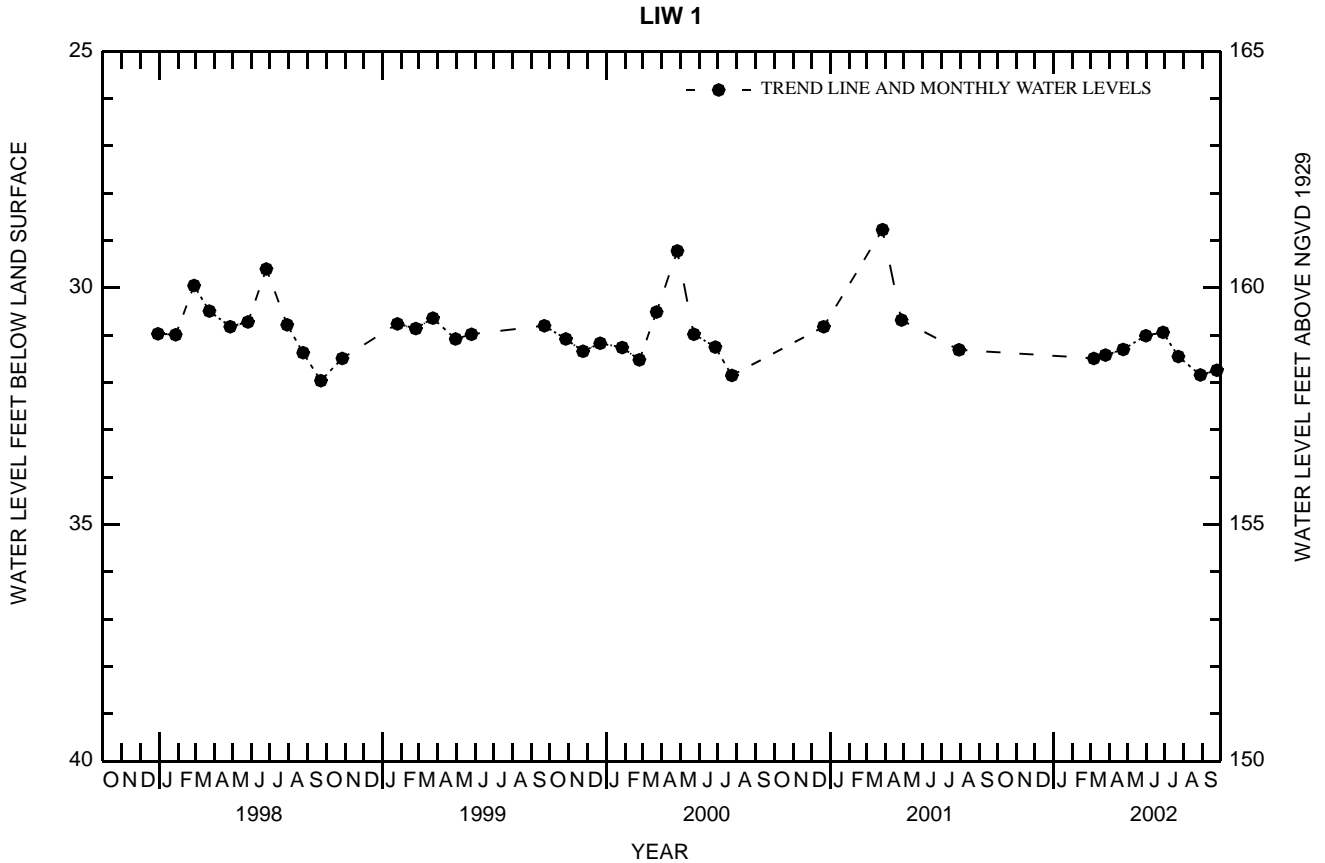
Measuring point: Top edge of board across well opening, 2.00 ft above land-surface datum.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 07	31.49	MAY 31	31.01	AUG 28	31.84
26	31.42	JUN 28	30.94	SEP 24	31.74
APR 24	31.30	JUL 23	31.45		
WATER YEAR 2002 HIGHEST 30.94 JUN 28, 2002 LOWEST 31.84 AUG 28, 2002					



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.

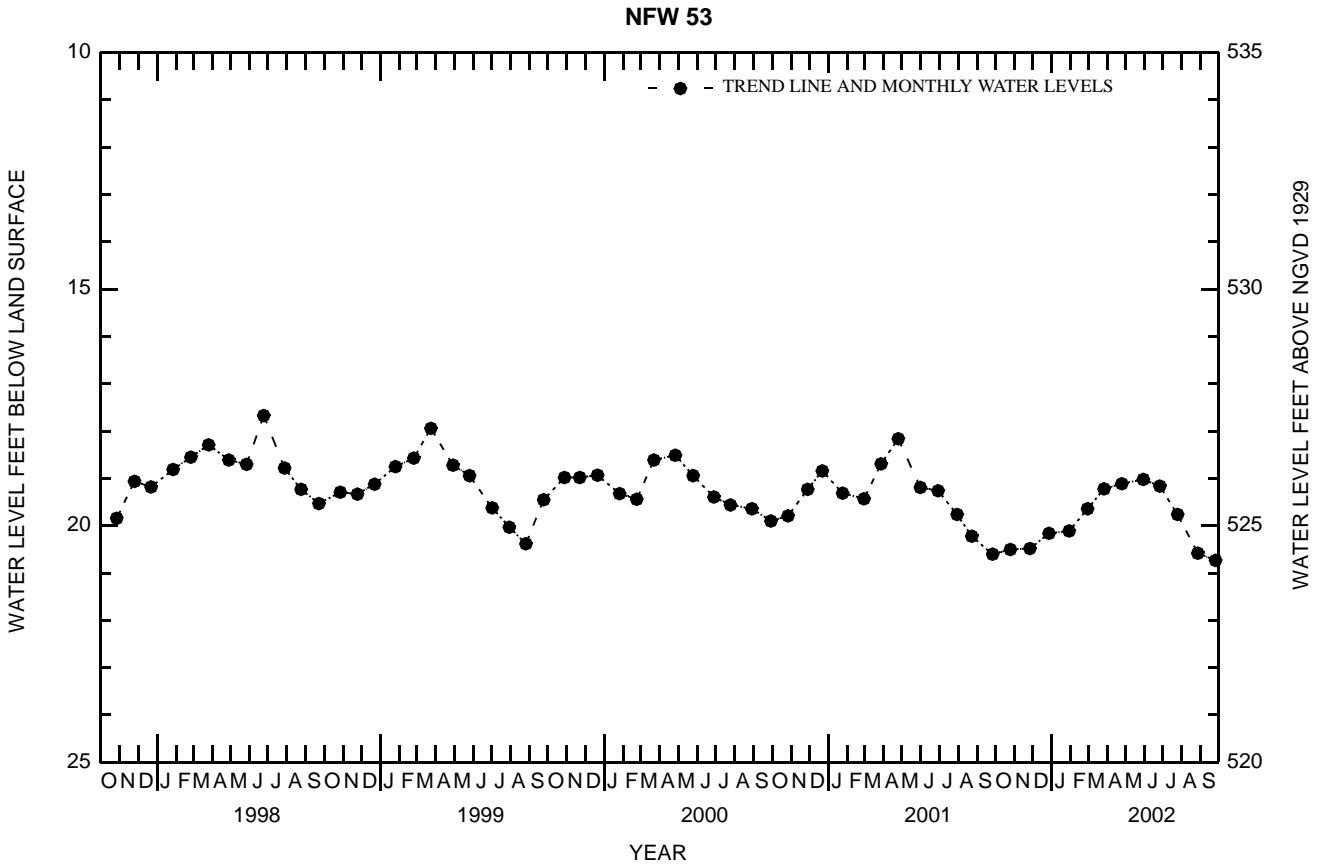
DATUM.--Elevation of land-surface datum is 545 ft above National Geodetic Vertical Datum 1929 from topographic map. Measuring point: Top of casing, 2.5 ft above land-surface datum.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	20.50	FEB 28	19.64	JUN 26	19.16
NOV 26	20.48	MAR 27	19.22	JUL 25	19.76
DEC 27	20.16	APR 25	19.11	AUG 27	20.58
JAN 29	20.11	MAY 30	19.02	SEP 25	20.73
WATER YEAR 2002 HIGHEST 19.02 MAY 30, 2002 LOWEST 20.73 SEP 25, 2002					



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 National Geodetic Vertical Datum 1929 from topographic map.

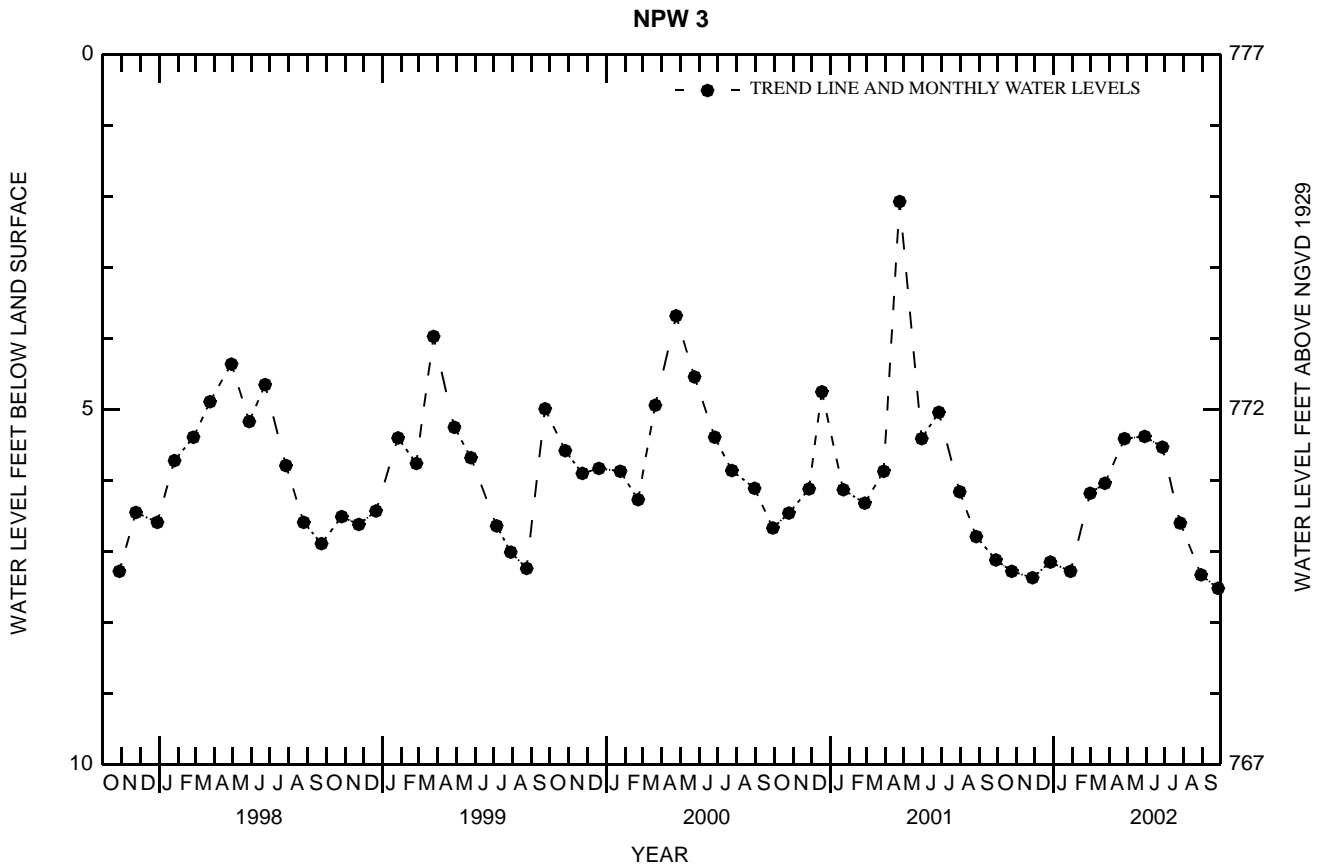
Measuring point: Top of casing, 3.5 ft above land-surface datum.

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, 7.52 ft below land-surface datum, September 26, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	7.28	MAR 01	6.18	JUN 27	5.53
NOV 27	7.37	25	6.04	JUL 26	6.60
DEC 26	7.15	APR 26	5.41	AUG 29	7.33
JAN 28	7.28	MAY 29	5.38	SEP 26	7.52
WATER YEAR 2002 HIGHEST 5.38 MAY 29, 2002 LOWEST 7.52 SEP 26, 2002					



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 National Geodetic Vertical Datum 1929 from topographic map.

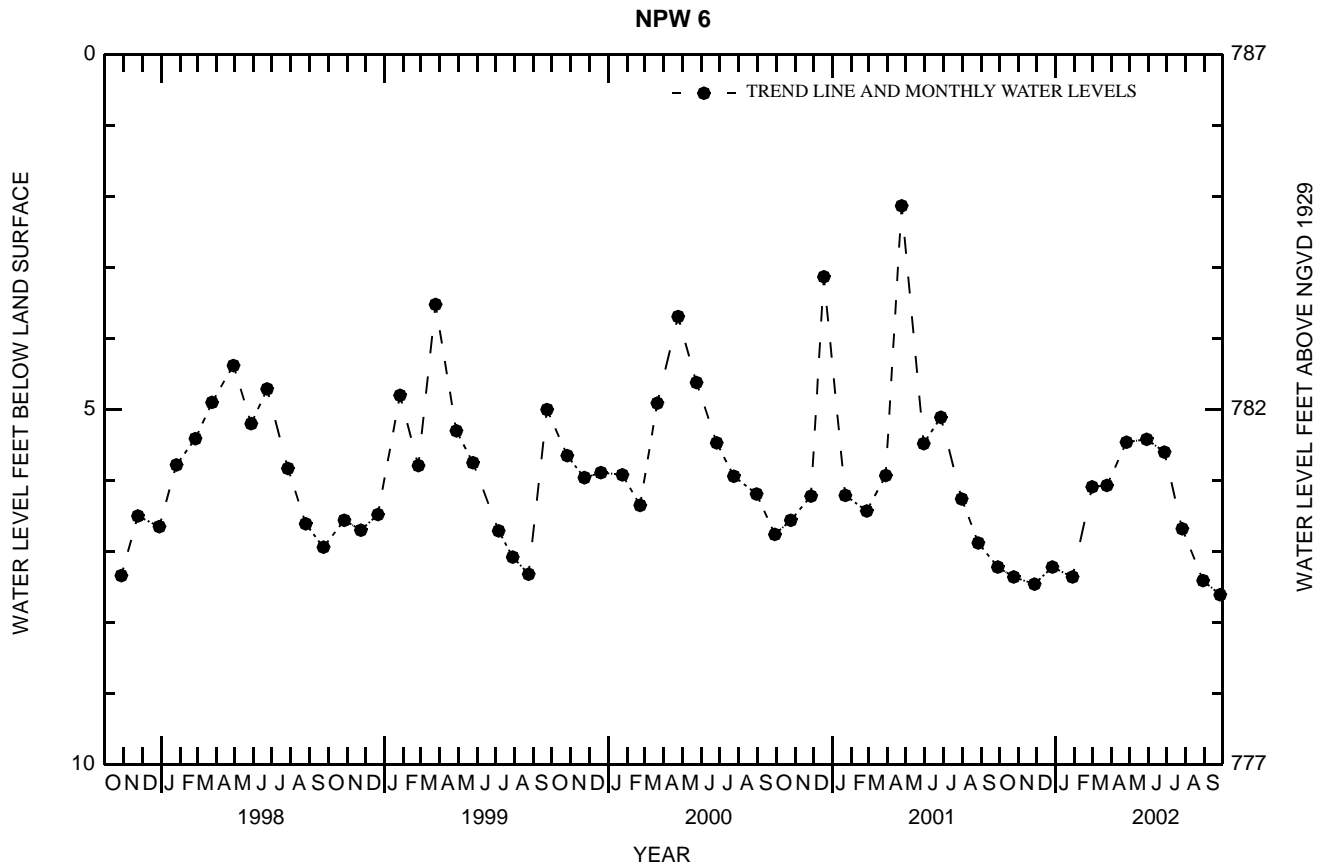
Measuring point: Top of casing, 3.4 ft above land-surface datum.

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, 7.61 ft below land-surface datum, September 26, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	7.36	MAR 01	6.09	JUN 27	5.60
NOV 27	7.46	25	6.07	JUL 26	6.68
DEC 26	7.22	APR 26	5.46	AUG 29	7.41
JAN 28	7.36	MAY 29	5.42	SEP 26	7.61
WATER YEAR 2002 HIGHEST 5.42 MAY 29, 2002 LOWEST 7.61 SEP 26, 2002					



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.--Elevation of land-surface datum is 515 ft above National Geodetic Vertical Datum 1929 from topographic map.

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

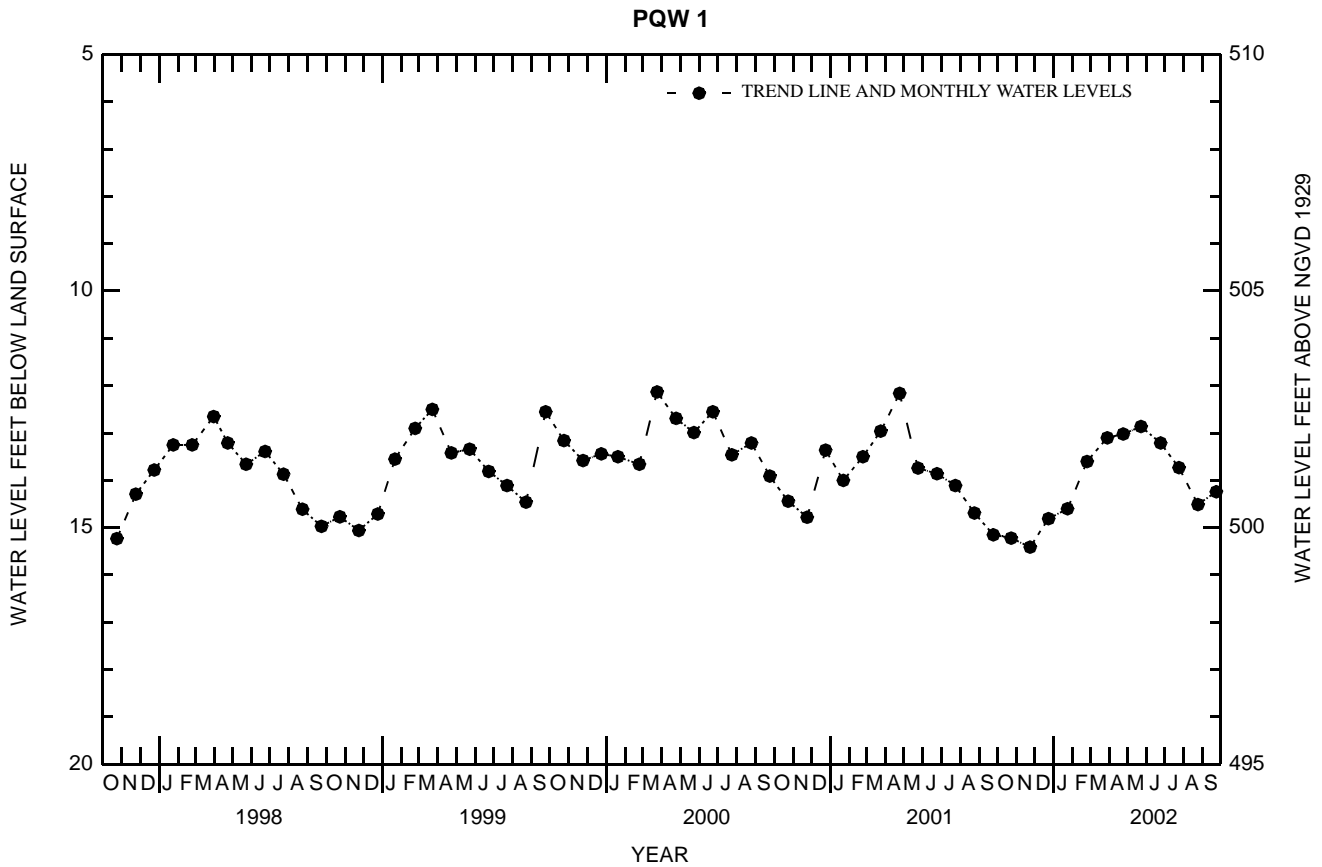
PERIOD OF RECORD.--October 1964 to current year. Prior to October 1977, published as Pownal 1.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	15.22	FEB 24	13.60	JUN 24	13.21
NOV 23	15.41	MAR 29	13.10	JUL 24	13.73
DEC 23	14.81	APR 24	13.02	AUG 24	14.51
JAN 23	14.60	MAY 23	12.86	SEP 23	14.24

WATER YEAR 2002 HIGHEST 12.86 MAY 23, 2002 LOWEST 15.41 NOV 23, 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 Lamaille 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.--Elevation of land-surface datum is 160 ft above National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 4.00 ft above land-surface datum.

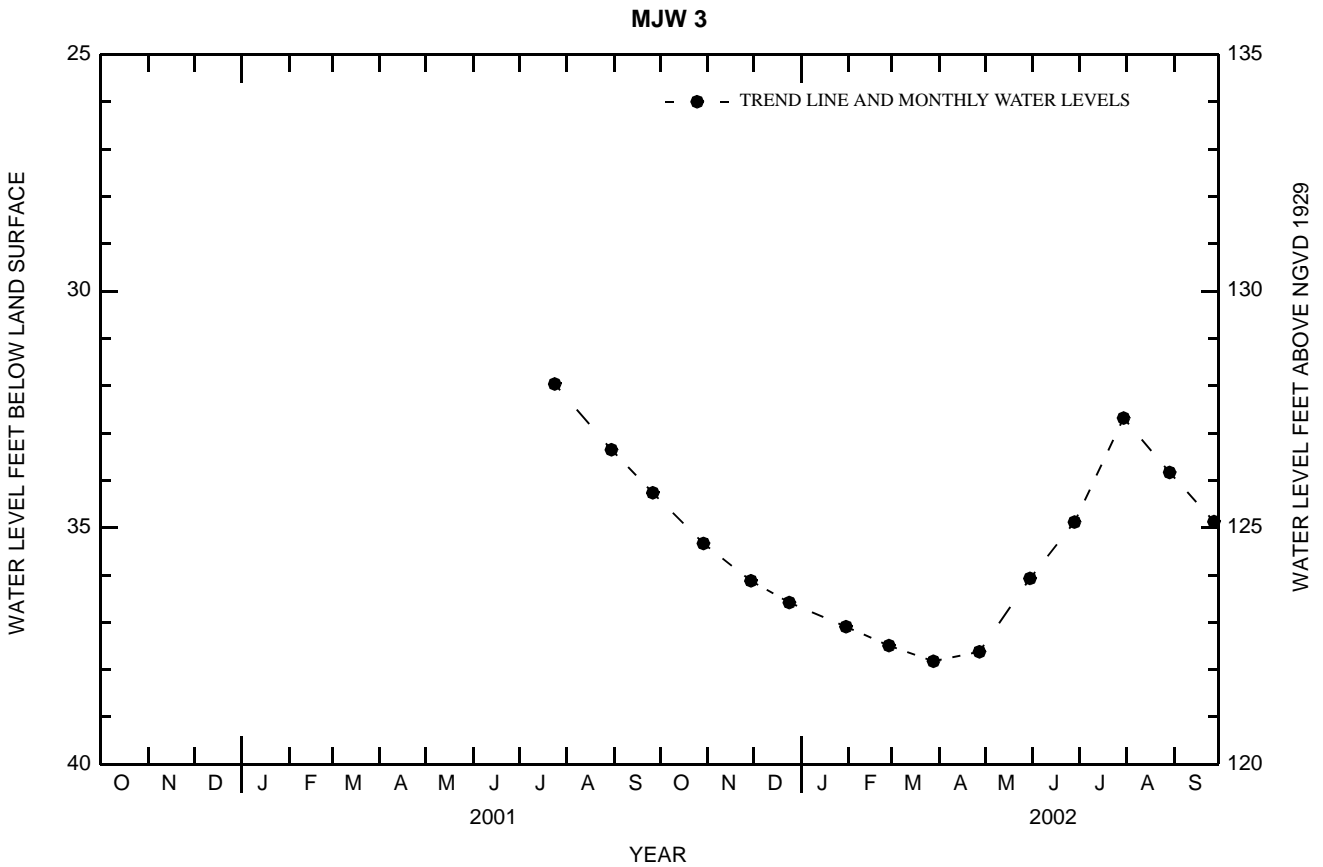
PERIOD OF RECORD.--November 1956 to September 1995, July 2001 to current year. Prior to October 1977, published as Milton 3.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	35.33	FEB 27	37.49	JUN 28	34.88
NOV 29	36.12	MAR 28	37.82	JUL 30	32.68
DEC 24	36.58	APR 27	37.62	AUG 29	33.83
JAN 30	37.09	MAY 30	36.07	SEP 27	34.87

WATER YEAR 2002 HIGHEST 32.68 JUL 30, 2002 LOWEST 37.82 MAR 28, 2002



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.--Elevation of land-surface datum is 1,180 ft above National Geodetic Vertical Datum 1929 from topographic map.

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.

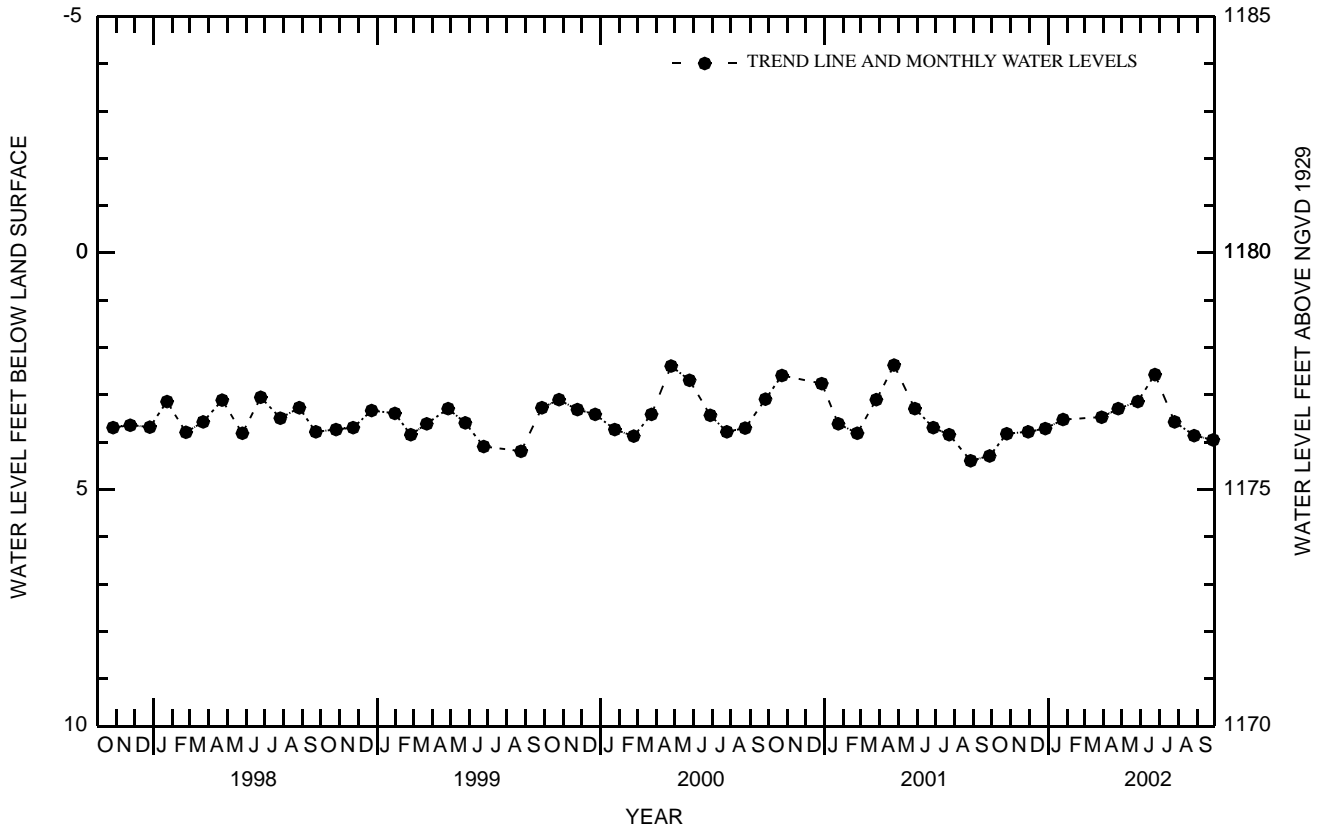
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.68 ft below land-surface datum, April 21, 2000; lowest measured, 4.95 ft below land-surface datum, August 21, 1984.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	3.82	MAR 29	3.47	JUL 26	3.57
NOV 29	3.78	APR 25	3.29	AUG 27	3.86
DEC 27	3.71	MAY 27	3.14	SEP 27	3.95
JAN 25	3.52	JUN 24	2.57		

WATER YEAR 2002 HIGHEST 2.57 JUN 24, 2002 LOWEST 3.95 SEP 27, 2002

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.--Elevation of land-surface datum is 425 ft above National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 4.00 ft above land-surface datum.

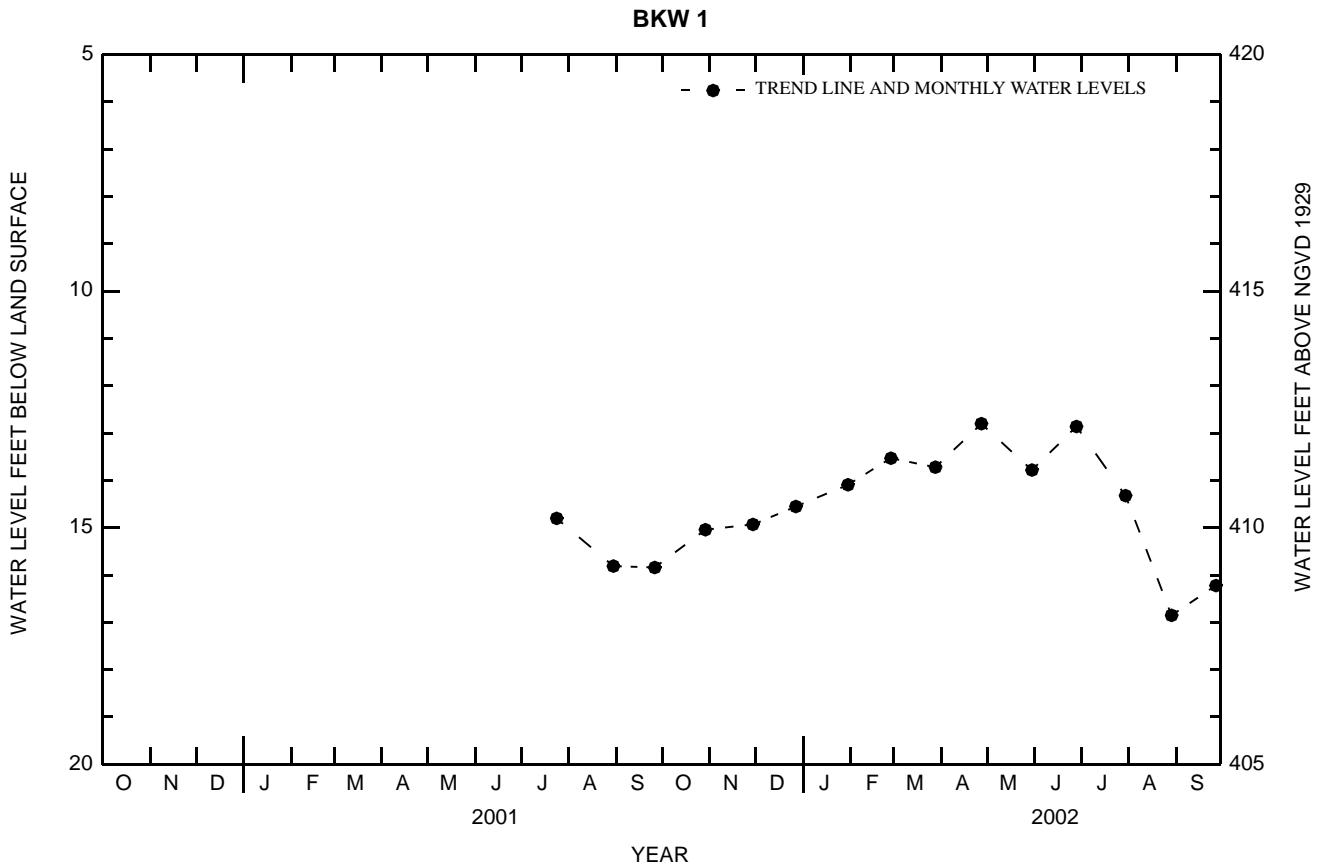
PERIOD OF RECORD.--November 1966 to September 1995, July 2001 to current year. Prior to October 1977, published as Berkshire 1.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.55 ft below land-surface datum, April 23,1992; lowest measured, 16.85 ft below land-surface datum, August 29, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	15.04	FEB 27	13.53	JUN 28	12.86
NOV 29	14.93	MAR 28	13.72	JUL 30	14.32
DEC 27	14.55	APR 27	12.80	AUG 29	16.85
JAN 30	14.09	MAY 30	13.78	SEP 27	16.22

WATER YEAR 2002 HIGHEST 12.80 APR 27, 2002 LOWEST 16.85 AUG 29, 2002



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.--Elevation of land-surface datum is 660 ft above National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 4.00 ft above land-surface datum.

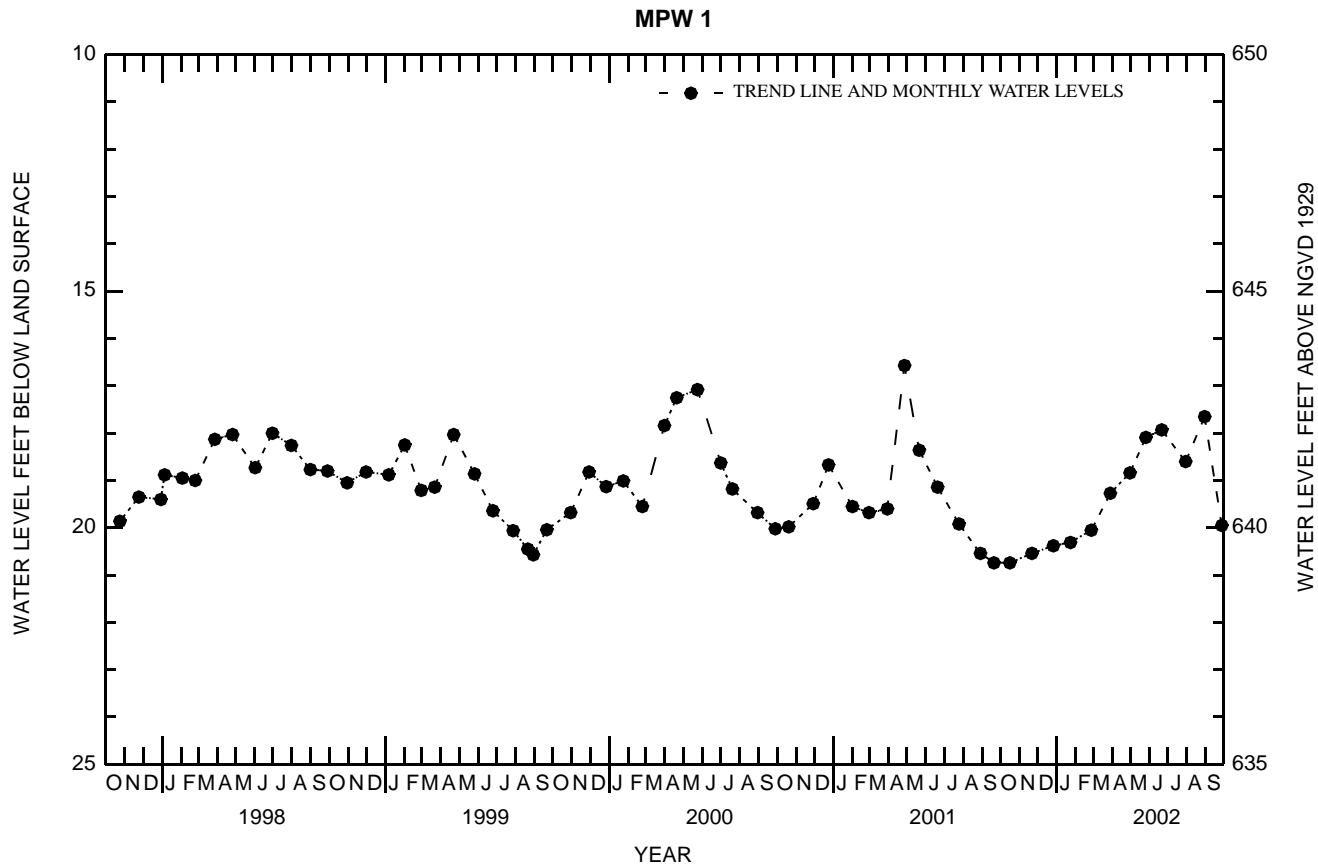
PERIOD OF RECORD.--November 1966 to current year. Prior to October 1977, published as Morrystown 1.

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, October 16, 2001.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 16	20.74	FEB 26	20.05	JUN 21	17.93
NOV 21	20.54	MAR 29	19.27	JUL 30	18.60
DEC 26	20.38	APR 30	18.84	AUG 30	17.65
JAN 23	20.31	MAY 26	18.09	SEP 27	19.95

WATER YEAR 2002 HIGHEST 17.65 AUG 30, 2002 LOWEST 20.74 OCT 16, 2001



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.--Elevation of land-surface datum is 700 ft above National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.00 ft above land-surface datum.

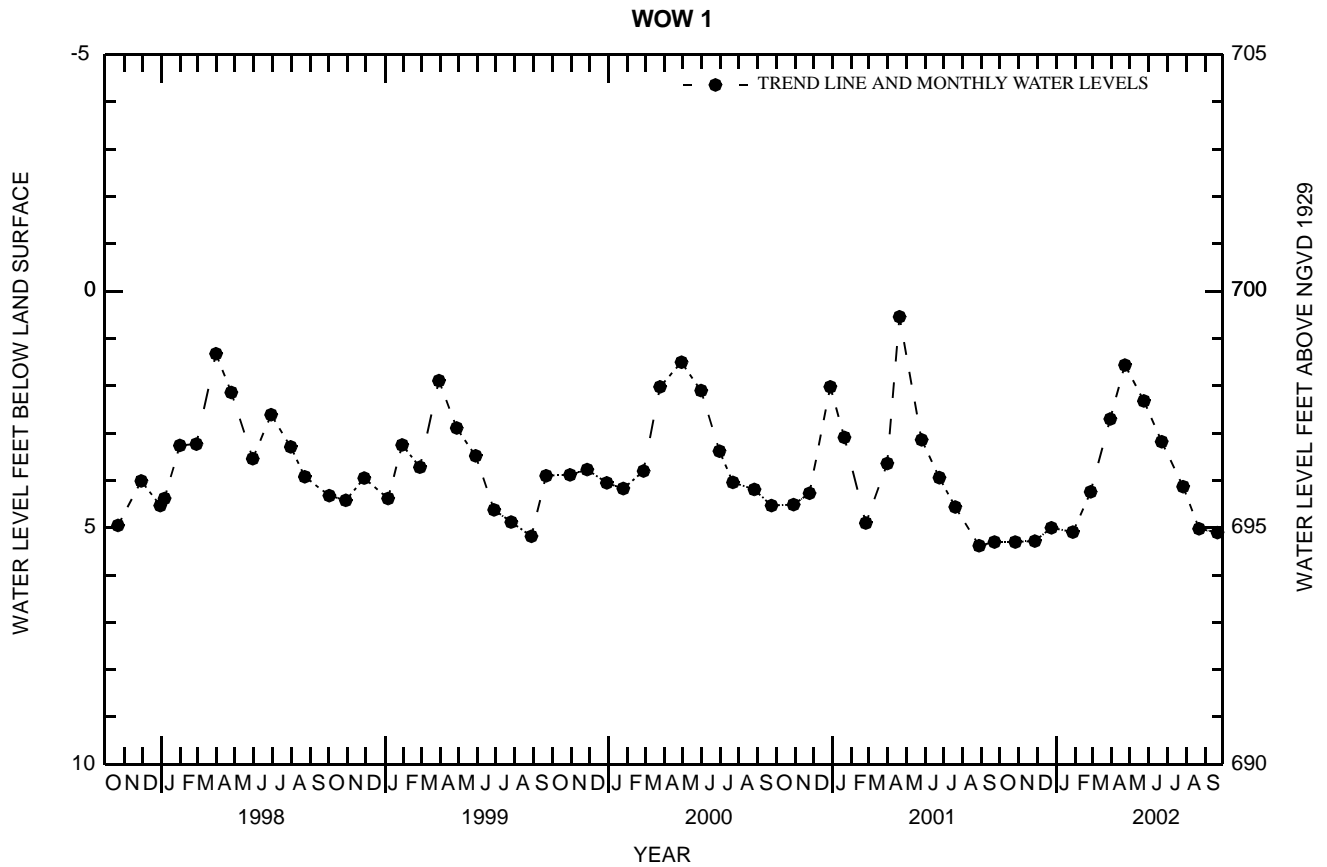
PERIOD OF RECORD.--November 1966 to current year. Prior to October 1977, published as West Fairlee 1.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	5.30	FEB 26	4.24	JUN 22	3.18
NOV 27	5.28	MAR 30	2.70	JUL 27	4.13
DEC 24	5.00	APR 23	1.56	AUG 22	5.02
JAN 28	5.09	MAY 24	2.32	SEP 21	5.10

WATER YEAR 2002 HIGHEST 1.56 APR 23, 2002 LOWEST 5.30 OCT 26, 2001



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 National Geodetic Vertical Datum 1929 from topographic map. Measuring point: Top of casing, .00 ft above land-surface datum.

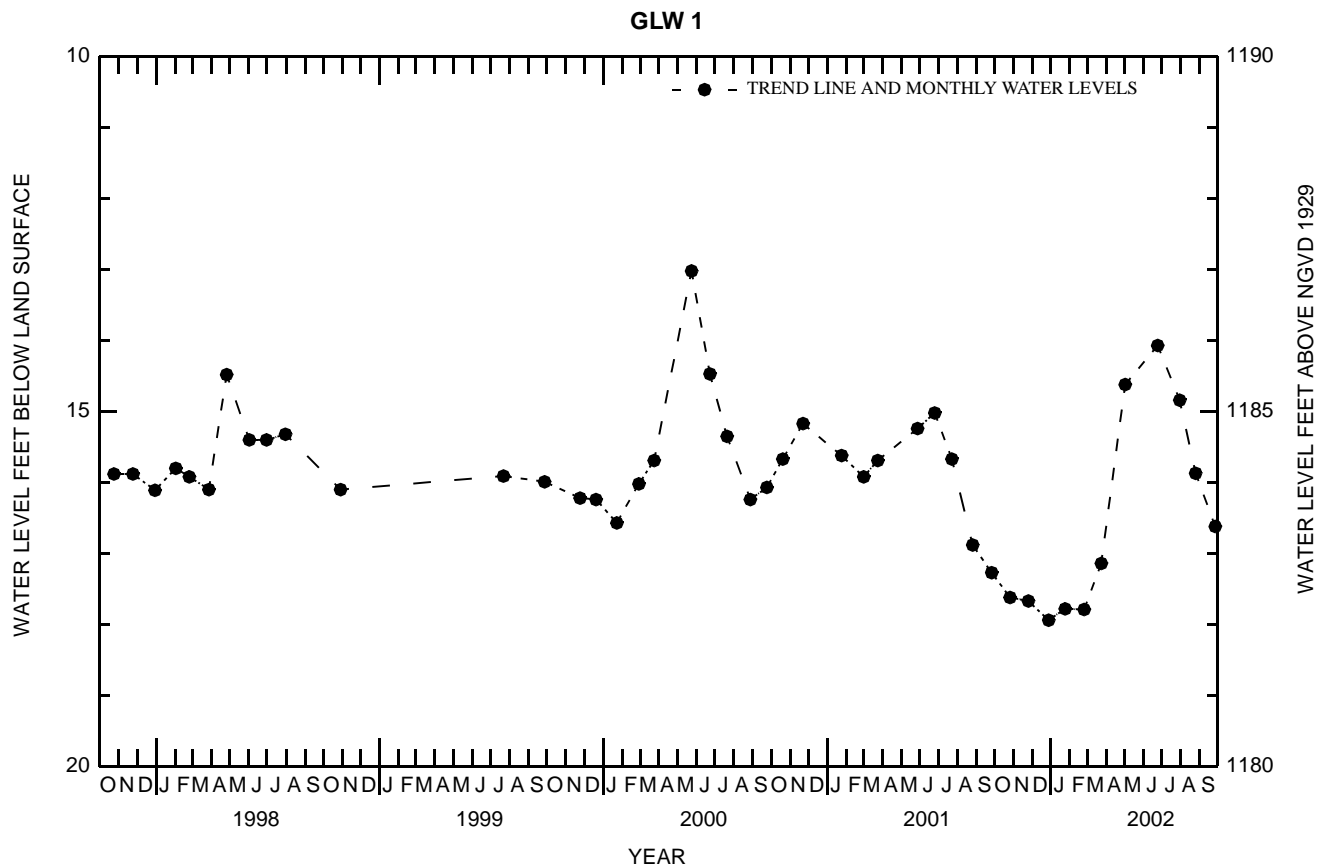
PERIOD OF RECORD.--November 1966 to current year. Prior to 1977, published as Glover 1.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	17.62	FEB 24	17.79	JUL 30	14.84
NOV 25	17.67	MAR 24	17.14	AUG 25	15.87
DEC 28	17.94	MAY 02	14.62	SEP 26	16.62
JAN 24	17.78	JUN 24	14.07		

WATER YEAR 2002 HIGHEST 14.07 JUN 24, 2002 LOWEST 17.94 DEC 28, 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 National Geodetic Vertical Datum 1929 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.

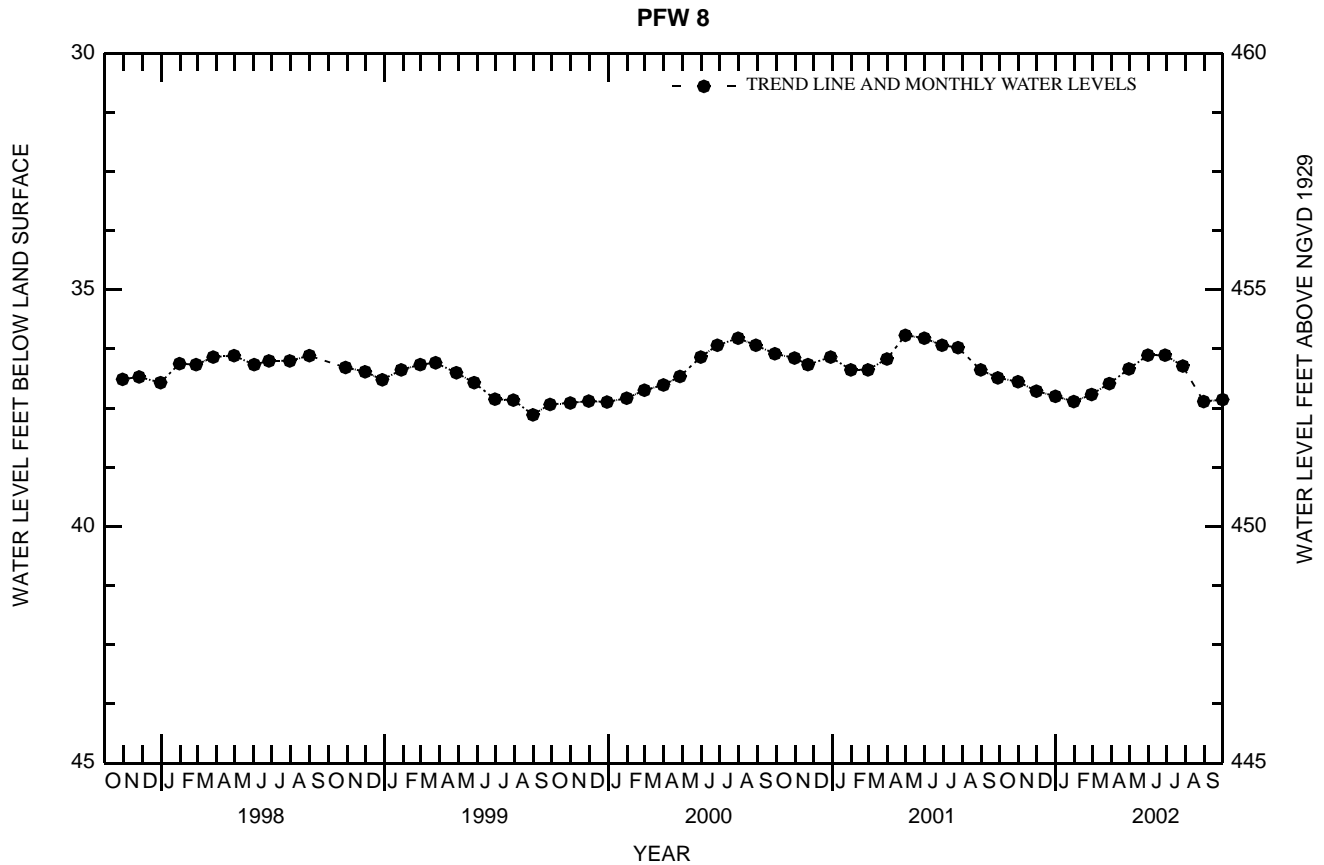
PERIOD OF RECORD.--October 1957 to September 1995, October 1996 to current year. Prior to October 1977, published as Pittsford 8.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 31	36.94	FEB 28	37.21	JUN 28	36.38
NOV 30	37.14	MAR 29	36.98	JUL 27	36.61
DEC 31	37.25	APR 30	36.67	AUG 30	37.36
JAN 30	37.36	MAY 31	36.38	SEP 30	37.32

WATER YEAR 2002 HIGHEST 36.38 MAY 31, 2002 JUN 28, 2002 LOWEST 37.36 JAN 30, 2002 AUG 30, 2002



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.--Elevation of land-surface datum is 685 ft above National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 2.00 ft above land-surface datum.

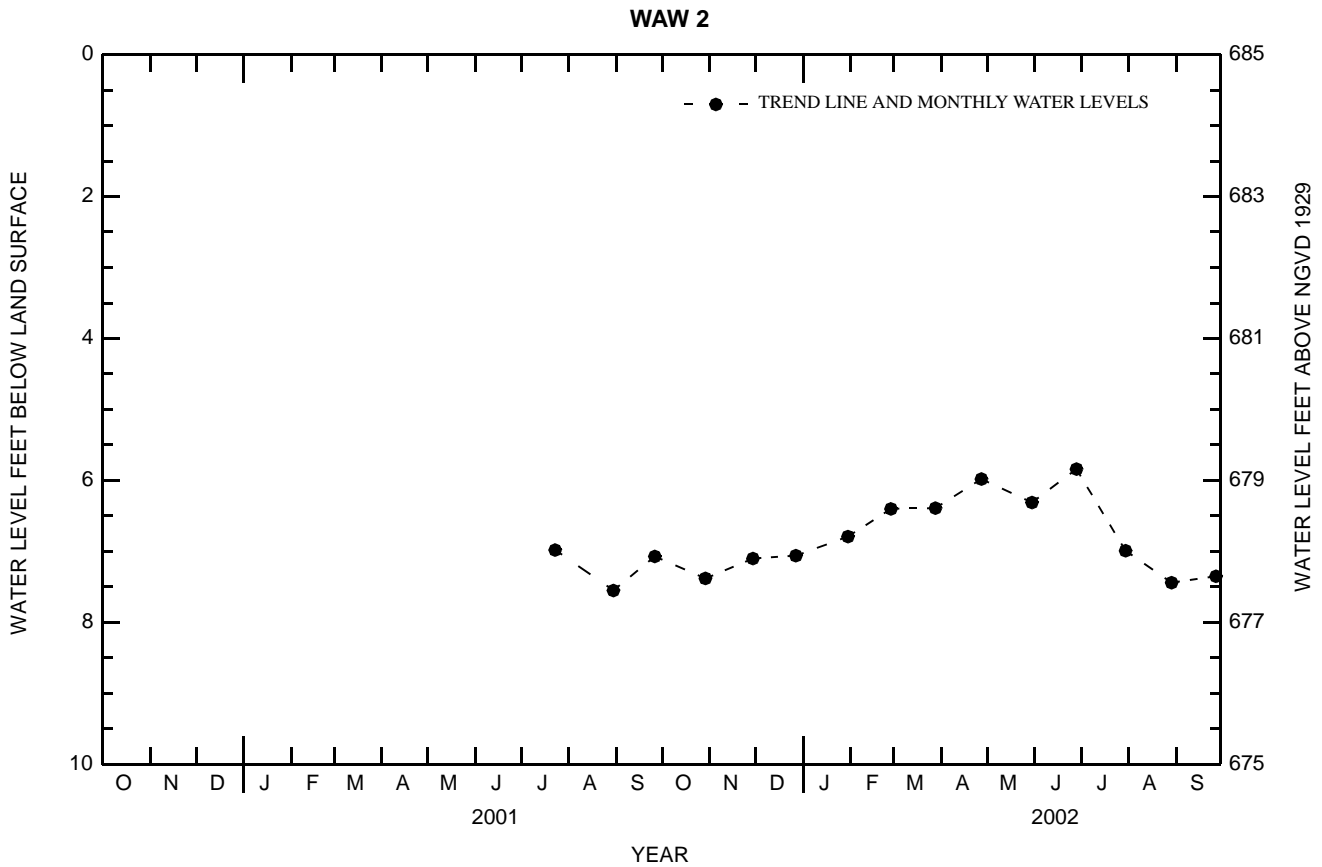
PERIOD OF RECORD.--June 1975 to September 1995, July 2001 to current year.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	7.38	FEB 27	6.40	JUN 28	5.84
NOV 29	7.10	MAR 28	6.39	JUL 30	6.99
DEC 27	7.06	APR 27	5.98	AUG 29	7.44
JAN 30	6.79	MAY 30	6.31	SEP 27	7.35

WATER YEAR 2002 HIGHEST 5.84 JUN 28, 2002 LOWEST 7.44 AUG 29, 2002



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.--Elevation of land-surface datum is 580 ft above National Geodetic Vertical Datum 1929 from topographic map.

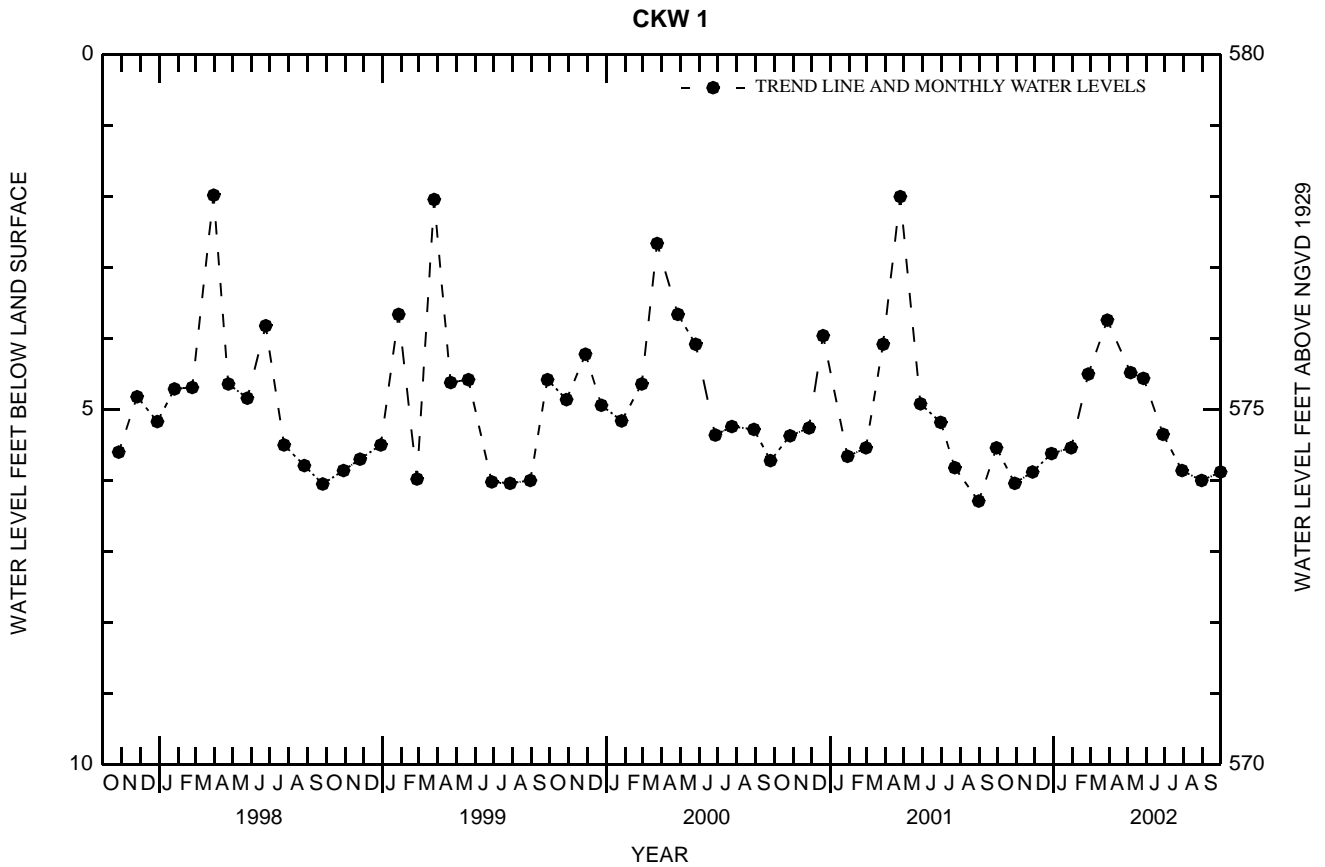
Measuring point: Top of casing, 2.00 ft above land-surface datum.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	6.04	FEB 26	4.50	JUN 28	5.35
NOV 27	5.88	MAR 29	3.74	JUL 29	5.86
DEC 28	5.62	MAY 06	4.48	AUG 30	6.00
JAN 29	5.54	27	4.56	SEP 30	5.88
WATER YEAR 2002 HIGHEST 3.74 MAR 29, 2002		LOWEST 6.04 OCT 29, 2001			



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.--Elevation of land-surface datum is 575 ft above National Geodetic Vertical Datum 1929 from topographic map.

Measuring point: Top of casing, 4.00 ft above land-surface datum.

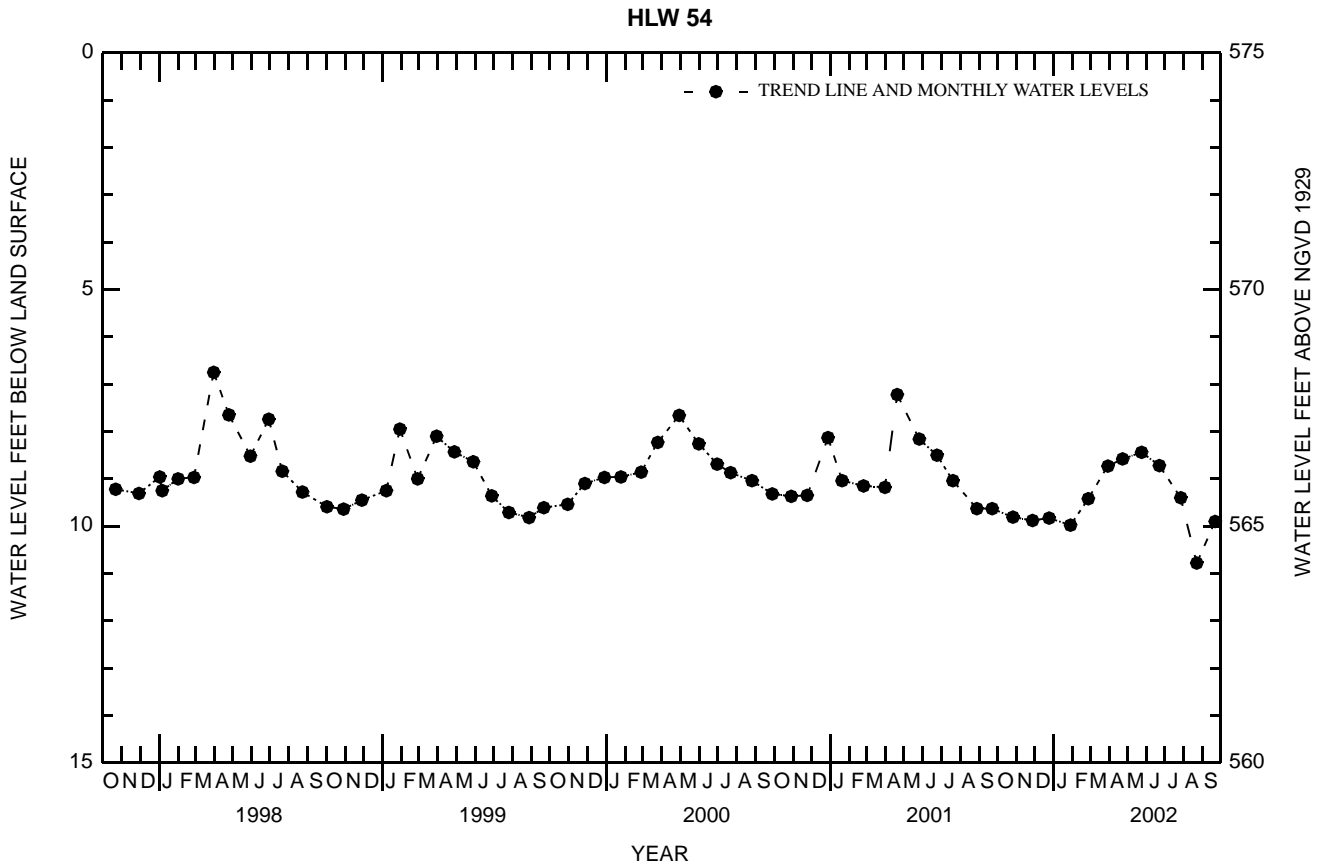
PERIOD OF RECORD.--August 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.96 ft below land-surface datum, June 1, 1984; lowest measured, 10.78 ft below land-surface datum, August 22, 2002.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 26	9.81	FEB 26	9.42	JUN 22	8.72
NOV 27	9.88	MAR 30	8.73	JUL 27	9.40
DEC 24	9.83	APR 23	8.58	AUG 22	10.78
JAN 28	9.98	MAY 24	8.44	SEP 21	9.90

WATER YEAR 2002 HIGHEST 8.44 MAY 24, 2002 LOWEST 10.78 AUG 22, 2002



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.--Elevation of land-surface datum is 800 ft above National Geodetic Vertical Datum 1929 from topographic map.

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 2001 TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 29	13.02	FEB 27	11.86	JUN 28	9.80
NOV 29	12.87	MAR 28	10.43	JUL 30	12.00
DEC 27	12.56	APR 27	8.72	AUG 29	12.80
JAN 30	12.49	MAY 30	9.00	SEP 27	12.74

WATER YEAR 2002 HIGHEST 8.72 APR 27, 2002 LOWEST 13.02 OCT 29, 2001

