# **CALENDAR FOR WATER YEAR 2002**

		00	TOB	ER					NO	VEM	BER					DE	CEM	BER		
S	Μ	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S	S	М	Т	W	Т	F	S
	1	2	3	4	5	6					1	2	3							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29
														30	31					
										2002	2									
		JA	NUA	RY					FEE	BRUA	RY					Ν	/IARC	H		
S	Μ	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S
		1	2	3	4	5						1	2						1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23
27	28	29	30	31			24	25	26	27	28			24	25	26	27	28	29	30
														31						
			APRIL	-					I	MAY						J	UNE			
S	Μ	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S
	1	2	3	4	5	6				1	2	3	4							1
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29
														30						
			JULY						AL	JGUS	т					SEP	ГЕМЕ	BER		
S	Μ	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S
	1	2	3	4	5	6					1	2	3	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31				25	26	27	28	29	30	31	29	30					

2001

# Water Resources Data New Hampshire and Vermont Water Year 2002

By R.G. Kiah, Chandlee Keirstead, R.O. Brown, and G.S. Hilgendorf

Water-Data Report NH-VT-02-1









#### U.S. DEPARTMENT OF THE INTERIOR

Gale A. Norton, Secretary

#### U.S. GEOLOGICAL SURVEY

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2003

#### PREFACE

This volume of the annual hydrologic data report of New Hampshire and Vermont is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to U.S. Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

K.W. Toppin	M.F. Coakley	A.M. Cotton
J.C. Denner	S.A. Olson	S.L. Ward

Ann Marie Squillacci and Debra H. Foster coordinated the word processing and publishing phases of the report.

This report was prepared in cooperation with the States of New Hampshire and Vermont and with other agencies under the general supervision of Brian R. Mrazik, Chief, New Hampshire-Vermont District.

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13. ABSTRACT ( <i>Maximum 200 words</i> ) Water-resources data for the 2002 of streams; contents of lakes and r stations, stage records for 5 lakes, included are data for 43 crest-stag part of the systematic data-collect Hampshire and Vermont. A few p portion of the National Water Data in New Hampshire and Vermont.	water year for New Hampsh eservoirs; and ground-water monthend contents for 2 lak e partial-record stations. Ad ion program and are publish ertinent stations in bordering a System operated by the U.S	hire and Vermont consists of levels. This report contain tes and reservoirs, water lev ditional water data were col ed as miscellaneous measur States are also included in Geological Survey and co	f stage, discharge, and water quality is discharge records for 84 gaging rels for 38 observation wells. Also llected at various sites, which are not rements for gaging stations in New this report. These data represent that operating State and Federal agencies	
14. SUBJECT TERMS *New Hampshire, *Vermont, *Hy quality, Flow rate, Gaging stations temperatures, Sampling sites, Wat	drologic data, *Surface wate , Lakes, Reservoirs, Chemic er levels and analyses	er, *Ground water, *Water al analyses, Sediments, Wa	tter $ \frac{15. \text{ NUMBER OF PAGES}}{208} $ 16. PRICE CODE	
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## **CONVERSION FACTORS**

## Multiply

## By

### To obtain

	Length	
inch (in.)	2.54x10 <sup>1</sup>	millimeter
	2.54x10 <sup>-2</sup>	meter
foot (ft)	3.048x10 <sup>-1</sup>	meter
mile (mi)	1.609x10 <sup>0</sup>	kilometer
	Area	
acre	4.047×10 <sup>3</sup>	square meter
	4.047×10 <sup>-1</sup>	square hectometer
_	4.047×10 <sup>-3</sup>	square kilometer
square mile (mi <sup>2</sup> )	2.590×10 <sup>0</sup>	square kilometer
	Volume	
gallon (gal)	3.785x10 <sup>0</sup>	liter
	3.785×10 <sup>0</sup>	cubic decimeter
	3.785×10 <sup>-3</sup>	cubic meter
million gallons (Mgal)	3.785x10 <sup>3</sup>	cubic meter
	3.785x10 <sup>-3</sup>	cubic hectometer
cubic foot (ft <sup>3</sup> )	2.832x10 <sup>1</sup>	cubic decimeter
	2.832×10 <sup>-2</sup>	cubic meter
cubic-foot-per-second day [(ft <sup>3</sup> /s) d]	2.447x10 <sup>3</sup>	cubic meter
	2.447×10 <sup>-3</sup>	cubic hectometer
acre-foot (acre-ft)	1.233x10 <sup>3</sup>	cubic meter
	1.233x10 <sup>-3</sup>	cubic hectometer
	1.233x10 <sup>-6</sup>	cubic kilometer
	Flow	
cubic foot per second (ft <sup>3</sup> /s)	2.832x10 <sup>1</sup>	liter per second
	2.832×10 <sup>1</sup>	cubic decimeter per second
	2.832×10 <sup>-2</sup>	cubic meter per second
gallon per minute (gal/min)	6.309x10 <sup>-2</sup>	liter per second
	6.309x10 <sup>-2</sup>	cubic decimeter per second
	6.309×10 <sup>-5</sup>	cubic meter per second
million gallons per day (Mgal/d)	4.381×10 <sup>1</sup>	cubic decimeter per second
	4.381x10 <sup>-2</sup>	cubic meter per second
	Mass	
ton (short)	9.072x10 <sup>-1</sup>	megagram or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows: °F = (1.8  $\times$  °C) + 32