U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL WEATHER SERVICE
Northeast River Forecast Center
445 Myles Standish Boulevard
Taunton, MA 02780

Volume 42, No. 9
Issued as of June 1, 2000

Water Supply Outlook 1999-2000 for the Northeastern United States

WATER SUPPLY OUTLOOK FOR THE NORTHEASTERN UNITED STATES

TABLE OF CONTENTS

PAGES	EXPLANATION
1-10	TABLES OF WATER SUPPLY OUTLOOK NORTH ATLANTIC DRAINAGE, ST. JOHN RIVER BASIN TO HUDSON RIVER BASIN; ST. LAWRENCE DRAINAGE IN NEW YORK AND VERMONT AS WELL AS LAKE ERIE AND LAKE ONTARIO DRAINAGE IN NEW YORK.
11	EXPLANATION OF NOMENCLATURE
12-13	TABLES OF LAST MONTH'S, AND THE PAST 12 MONTH'S PRECIPITATION IN % OF NORMAL.

ADDITIONAL INFORMATION

THESE OUTLOOKS HAVE BEEN PREPARED BY THE NATIONAL WEATHER SERVICE OFFICE LISTED BELOW. ANY CORRESPONDENCE CONCERNING THESE OUTLOOKS SHOULD BE DIRECTED AS SHOWN.

HYDROLOGIST IN CHARGE.....NORTH ATLANTIC DRAINAGE, ST. JOHN RIVER
NOAA NATIONAL WEATHER SERVICE BASIN TO HUDSON RIVER BASIN, ST. LAW-
NORTHEAST RIVER FORECAST CENTER RENCE DRAINAGE IN NEW YORK AND VERMONT,
445 MYLES STANDISH BOULEVARD PLUS LAKE ERIE AND LAKE ONTARIO DRAIN-
TAUNTON, MASSACHUSETTS 02780 AGE IN NEW YORK

ACKNOWLEDGMENTS

ASSISTANCE IN THE COLLECTION OF PRECIPITATION REPORTS IS FURNISHED BY THE NEW BRUNSWICK ELECTRIC POWER COMPANY, THE NORTHEAST REGIONAL CLIMATE CENTER AND BY OFFICES OF THE NATIONAL WEATHER SERVICE IN BUFFALO, NY.; ALBANY, NY.; GRAY, ME.; CARIBOU, ME.; BROOKHAVEN, NY.; BURLINGTON, VT.; AND TAUNTON, MA. THE RESULTS THEMSELVES ARE THE RESULT OF THE PUBLIC-SPIRITED EFFORT AND COOPERATION OF THE INDIVIDUAL OBSERVERS. THESE PEOPLE ARE TOO NUMEROUS TO BE LISTED, BUT SHOULD BE APPRECIATED FOR THEIR CONTINUED SUPPORT.

WATER SUPPLY OUTLOOK FOR THE NORTHEASTERN UNITED STATES

EXPLANATION

THIS OUTLOOK IS PUBLISHED BY THE NORTHEAST RIVER FORECAST CENTER, NATIONAL WEATHER SERVICE, TAUNTON, MASSACHUSETTS.

THE PRECIPITATION DATA USED TO DEVELOP PROCEDURES EMPLOYED IN THIS OUTLOOK ARE MAINLY FROM PUBLICATIONS OF THE ENVIRONMENTAL DATA SERVICE, AND THE RUNOFF DATA MAINLY FROM PUBLICATIONS OF THE U.S. GEOLOGICAL SURVEY. WHERE REQUIRED, ADJUSTMENTS FOR CHANGES IN STORAGE HAVE BEEN USED; IN MOST CASES THESE ADJUSTMENTS ARE PUBLISHED BY THE U.S. GEOLOGICAL SURVEY.

DURING THE SNOW SEASON OF DECEMBER THROUGH APRIL, THE OUTLOOK QUANTITY IS THE TOTAL SEASONAL RUNOFF FOR DECEMBER THROUGH MAY. DURING THE REMAINDER OF THE YEAR THE OUTLOOK QUANTITY IS MONTHLY RUNOFF.

NORMALS ARE NOT USED FOR THE OUTLOOKS OF MONTHLY RUNOFFS. INSTEAD THE MEDIAN IS SHOWN FOR THE YEARS OF AVAILABLE RECORD FROM 1941 THROUGH 1970 WATER YEARS WITH NO ESTIMATIONS. OBSERVED MAXIMA AND MINIMA ARE ALSO SHOWN FOR THE SAME PERIOD. THE MOST PROBABLE RUNOFF IS SHOWN NOT ONLY IN INCHES, BUT ALSO AS A PERCENTAGE OF THE MEDIAN WHERE THIS PERCENTAGE IS MEANINGFUL.

THE EFFECTIVE PRECIPITATION FOR EACH WATERSHED CONSISTS OF THE PORTION OBSERVED TO DATE, PLUS A STATISTICAL VALUE FOR THE BALANCE. PAST RECORDS OF PRECIPITATION ARE ANALYZED AS TO PROBABILITY OF OCCURRENCE, AND THE 10TH, 50TH, AND 90TH PERCENTILES OF PROBABILITY ARE DETERMINED.

FROM THE SUBSEQUENT PRECIPITATIONS OF KNOWN PROBABILITY, A SPECTRUM OF PROBABLE RUNOFFS IS COMPUTED FOR EACH GAGING STATION. THE QUANTITIES USED ARE TERMED: MOST PROBABLE, REASONABLE MAXIMUM, AND REASONABLE MINIMUM.

DEFINITIONS ARE AS FOLLOWS:

MOST PROBABLE --
THAT RUNOFF WHICH IS EXPECTED TO OCCUR IF PRECIPITATION SUBSEQUENT TO THE DATE OF THE FORECAST IS MEDIAN.

REASONABLE MAXIMUM --
THAT RUNOFF WHICH IS EXPECTED TO OCCUR IF PRECIPITATION SUBSEQUENT TO THE DATE OF THE FORECAST IS EQUAL TO THE AMOUNT WHICH IS EXCEEDED, ON THE AVERAGE, ONE TIME OUT OF TEN.

REASONABLE MINIMUM --
THAT RUNOFF WHICH IS EXPECTED TO OCCUR, IF PRECIPITATION SUBSEQUENT TO THE DATE OF THE FORECAST IS EQUAL TO THE AMOUNT WHICH IS EXCEEDED, ON THE AVERAGE, NINE TIMES OUT OF TEN.

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
ST JOHN							
Nine Mile Br	1.55	3.14	+	4.07	4.07	2.26	.40
Dickey	1.64	2.99	+	4.16	4.47	2.17	.49
ALLAGASH							
Allagash	1.86	2.98	+	3.85	4.06	2.20	.64
FISH							
Ft Kent	2.09	3.28	+	4.09	4.73	2.47	1.07
ST JOHN							
Ft Kent	1.84	2.71	+	3.67	4.27	2.06	.71
AROOSTOOK							
Washburn	1.29	2.48	+	3.72	4.05	1.87	.44
MEDUXNEKEAG							
Houlton	1.07	1.90	+	2.73	3.11	1.56	.40
NARRAGUAGUS							
Cherryfield	1.15	1.71	+	2.19	3.17	1.31	.57
W BR UNION							
Amherst	1.05	1.93	+	2.52	3.44	1.45	.46
W BR PENOBSCOT							
#Millinocket	1.46	2.67	+	3.70	5.31	1.90	.18
E BR PENOBSCOT							
Grindstone	1.71	2.62	+	3.72	3.72	2.10	.77
PENOBSCOT							
Mattawamkeag	1.53	2.55	+	3.51	3.87	1.95	.50
MATTAWAMKEAG							
Mattawamkeag	1.16	2.38	+	3.39	3.92	1.80	.56
PISCATAQUIS							
Dover-Foxcroft	1.22	2.17	+	3.32	3.63	1.59	.40
SEBEC							
Sebec	1.26	2.36	N	3.34	3.74	1.69	.28
PLEASANT							
Milo	2.02	2.69	+	3.85	4.83	2.00	.64
PISCATAQUIS							
Medford	1.47	2.38	+	3.41	3.41	1.75	.46
PENOBSCOT							
West Enfield	1.37	2.43	+	3.31	3.50	1.84	.56
PASSADUMKEAG							
Lowell	1.76	2.66	+	3.40	4.43	2.06	.67
KENDUSKEAG STR							
Kenduskeag	.86	1.36	N	1.81	2.67	.99	.18
SHEEPSCOT							
N Whitefield	.99	1.52	+	1.90	2.11	1.14	.34
KENNEBEC							
Moosehead	1.73	3.00	+	4.24	4.24	2.40	.59
The Forks	1.61	2.88	N	4.24	4.24	2.26	.56

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
DEAD							
Dead River	1.66	2.43	N	4.07	5.04	1.85	.50
The Forks	1.48	2.69	+	4.34	4.34	2.03	.47
KENNEBEC							
Bingham	1.58	2.68	+	4.12	4.13	2.11	.59
CARRABASSET							
N Anson	1.66	2.28	N	3.16	3.67	1.63	.50
SANDY							
Mercer	1.58	2.03	+	2.69	3.50	1.46	.44
DIAMOND							
Wentworth Loc	2.24	3.69	+	4.99	5.86	2.89	.76
ANDROSCOGGIN							
Errol	1.78	3.74	+	5.41	5.56	2.87	.41
Gorham	1.73	3.26	+	4.58	4.79	2.51	.56
Rumford	1.83	3.03	+	3.97	3.97	2.31	.58
SWIFT							
Roxbury	1.76	2.81	+	3.78	4.92	1.91	.49
NEZINSCOT							
Turner Center	1.24	1.64	N	2.35	3.39	1.23	.29
L ANDROSCOGGIN							
S Paris	1.45	1.82	N	2.65	5.27	1.30	.24
Auburn	1.37	1.77	N	2.47	4.03	1.29	.30
ANDROSCOGGIN							
Auburn	1.86	2.68	+	3.43	3.83	2.06	.54
ROYAL							
Yarmouth	.93	1.42	N	2.14	3.44	1.11	.42
PRESUMPSCOT							
Sebago Lk Otl	1.63	1.83	N	2.82	4.23	1.32	-.89
SACO							
Conway	2.29	3.14	+	4.06	6.33	2.42	.87
MOUSAM							
W Kennebunk	1.11	1.38	N	2.01	3.04	1.09	.33
SALMON FALLS							
Milton	1.05	1.39	N	2.08	3.60	1.01	.20
OYSTER							
Durham	.97	1.16	N	1.75	2.93	.84	.20
LAMPREY							
Newmarket	.87	1.14	N	1.65	2.82	.84	.18
PEMIGEWASSET							
Woodstock	2.80	3.86	+	4.99	5.24	2.85	.92
PEMIGEWASSET							
Plymouth	1.92	2.74	+	3.54	4.07	1.91	.66
SMITH							
Bristol	1.22	1.93	N	2.78	3.07	1.34	.27
LK WNPSKEE OTL							
Lakeport	1.17	2.00	+	2.88	3.48	1.32	.05

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
MERRIMACK							
Franklin Jct	1.65	2.41	+	3.27	3.72	1.84	.70
CONTOOCOOK							
Peterborough	1.64	1.73	N	2.27	3.52	1.24	.30
NUBANUSIT BR							
Peterborough	1.25	1.72	N	2.40	3.18	1.25	.31
CONTOCOOK							
Henniker	1.35	1.74	N	2.58	3.86	1.27	.26
WARNER							
Davisville	1.15	1.76	N	2.28	3.41	1.20	.23
BLACKWATER							
Webster	1.31	1.98	N	2.52	3.35	1.40	.39
S BR PISCATAQG							
Goffstown	1.04	1.93	+	2.79	3.93	1.22	.20
PISCATAQUOG							
Goffstown	1.07	1.90	+	2.70	3.67	1.22	.17
MERRIMACK							
Goffs Falls	1.41	2.11	+	3.04	3.18	1.54	.49
N NASHUA							
Leominster	1.36	1.79	N	2.49	4.10	1.30	.67
S BR NASHUA							
Clinton	1.33	1.68	N	2.26	4.51	1.20	.59
SQUANNACOOK							
W Groton	.81	1.47	N	2.11	3.01	1.07	.37
NASHUA							
E Pepperell	1.41	1.66	N	2.34	3.45	1.25	.52
ASSABET							
Maynard	1.09	1.68	+	2.45	3.29	1.12	.38
SUDBURY							
Framingham Ctr	.45	1.22	+	2.01	2.96	.59	-.35
CONCORD							
Lowell	1.09	1.67	+	2.34	2.82	1.16	.33
MERRIMACK							
Lowell	1.40	1.90	N	2.75	2.90	1.40	.45
PARKER							
Byfield	.96	1.58	+	2.18	3.15	1.04	.22
CHARLES							
Dover	1.18	1.41	N	2.04	2.86	1.08	.44
Waltham	1.25	1.52	N	2.18	2.82	1.22	.45
QUINSIGAMOND							
N Grafton	1.30	1.81	N	2.76	4.42	1.24	.53
BLACKSTONE							
Northbridge	1.43	1.79	+	2.63	3.97	1.25	.56
BRANCH							
Forestdale	1.17	1.54	+	2.07	3.57	1.05	.45
BLACKSTONE							
Woonsocket	1.18	1.62	+	2.28	3.52	1.10	.46

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
WOONASQUATUCKET							
Centerdale	1.32	1.66	N	2.10	3.99	1.30	.67
S BR PAWTUXET							
Washington	1.67	1.81	N	2.35	4.37	1.41	.49
PAWTUXET							
Cranston	1.38	1.62	N	2.20	3.96	1.18	.24
PAWCATUCK							
Wood Rvr Jct	1.71	2.10	+	2.70	4.40	1.70	.92
WOOD							
Hope Valley	1.73	2.05	N	2.65	4.60	1.65	.74
PAWCATUCK							
Westerly	1.65	1.98	N	2.59	4.24	1.54	.80
WILLIMANTIC							
S Coventry	1.30	1.91	N	2.74	3.69	1.41	.38
MOUNT HOPE							
Warrensville	.99	1.80	+	2.52	3.34	1.13	.20
NATCHAUG							
Willimantic	1.01	1.65	N	2.48	3.45	1.15	.23
SHETUCKET							
Willimantic	1.09	1.68	N	2.55	3.46	1.20	.31
QUINEBAUG							
$Southbridge	1.32	1.86	+	2.91	5.27	1.34	.37
Quinebaug	1.22	1.78	+	2.82	4.57	1.17	.32
LITTLE							
Oxford	1.08	1.62	N	2.52	4.15	1.19	.36
FRENCH							
Webster	1.16	1.83	+	2.84	3.44	1.28	.61
QUINEBAUG							
Putnam	.99	1.74	+	2.80	4.05	1.17	.37
QUINEBAUG							
Jewett City	1.19	1.79	+	2.64	3.83	1.35	.41
YANTIC							
Yantic	.81	1.58	+	2.15	2.76	.97	.21
CONNECTICUT							
Frst Conn Lake	2.30	4.92	+	6.20	6.82	3.92	.00
N Stratford	1.69	3.96	+	5.11	5.39	3.29	.73
UPPR AMMONOOSUC							
Groveton	2.08	4.60	+	5.38	5.38	3.73	.87
CONNECTICUT							
Dalton	1.78	4.01	+	4.33	4.33	3.22	.84
MOOSE							
St Johnsbury	1.37	3.21	+	4.10	4.42	2.62	.51

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
PASSUMPSIC							
Passumpsic	1.49	3.14	+	3.70	3.70	2.65	.71
AMMONOOSUC							
Bethlehem Jct	2.60	4.68	+	5.35	5.35	3.85	1.16
Bath	1.66	3.16	+	4.02	4.21	2.62	.65
CONNECTICUT							
Wells River	1.84	3.56	+	3.57	3.57	3.34	.79
WELLS							
Wells River	1.14	2.56	+	3.15	4.12	2.06	.54
OMPOMPANOOSUC							
Union Village	1.10	2.44	+	3.05	5.20	1.91	.34
WHITE							
West Hartford	1.29	2.53	+	3.21	5.59	2.05	.39
CONNECTICUT							
West Lebanon	1.58	3.01	+	3.77	4.59	2.45	.70
MASCOMA							
W Canaan	1.00	1.77	N	2.53	3.22	1.27	.19
Mascoma	.91	1.69	N	2.44	2.92	1.21	.07
OTTAUQUECHEE							
N Hartland	1.20	1.81	+	2.42	4.37	1.46	.35
SUGAR							
W Claremont	1.21	1.65	N	2.26	2.91	1.16	.17
BLACK							
N Springfield	1.32	1.99	+	2.72	4.12	1.50	.32
WILLIAMS							
Brockway Mills	1.04	1.43	N	1.95	3.57	1.04	.26
SAXTONS							
Saxtons River	1.03	1.34	N	1.85	3.43	1.01	.19
CONNECTICUT							
N Walpole	1.48	2.61	+	3.14	4.17	2.08	.62
COLD							
Drewsville	.97	1.30	N	1.90	3.16	.94	.17
WEST							
Jamaica	.89	1.62	N	2.29	3.84	1.17	.22
Newfane	1.28	1.50	N	2.08	4.02	1.14	.23
ASHUELOT							
Gilsum	1.38	1.74	N	2.75	3.94	1.22	.15
Keene	1.17	1.82	+	2.60	3.13	1.31	.14
OTTER BR							
Keene	1.20	1.90	+	3.13	4.67	1.41	.08
S BR ASHUELOT							
Marlboro	1.15	1.85	N	2.94	4.69	1.36	.22

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
ASHUELOT							
Hinsdale	1.17	1.93	+	2.96	3.86	1.41	.25
MILLERS							
Winchendon	1.10	1.79	N	2.58	3.98	1.23	.19
S Royalston	1.38	1.92	+	2.63	3.77	1.37	.30
E BR TULLY							
Athol	1.17	1.73	N	2.59	4.24	1.28	.15
MILLERS							
Erving	1.36	1.95	+	2.72	3.56	1.41	.28
CONNECTICUT							
Turners Falls	1.58	2.27	+	2.91	3.66	1.87	.49
DEERFIELD							
Charlemont	1.36	2.15	N	2.97	4.16	1.63	.33
NORTH							
Shattuckville	1.16	1.72	N	2.75	4.77	1.43	.36
DEERFIELD							
W Deerfield	1.28	2.05	N	2.87	4.06	1.53	.36
CONNECTICUT							
Montague City	1.62	2.29	+	2.97	3.43	1.89	.33
MILL							
Northhampton	1.30	1.78	N	2.36	3.95	1.34	.34
WARE							
Barre	1.13	1.64	+	2.48	3.70	1.10	.28
Coldbrook	1.20	1.74	+	2.58	3.94	1.17	.36
Gibbs Crossing	1.18	1.66	+	2.61	3.38	1.17	.39
E BR SWIFT							
Hardwick	1.00	1.60	N	2.59	3.54	1.09	.23
SWIFT							
W Ware	1.26	1.81	N	3.15	3.77	1.20	-.16
QUABOAG							
W Brimfield	1.16	1.56	N	2.30	4.84	1.04	.26
CHICOPEE							
Indian Orchard	1.26	1.71	N	2.60	3.98	1.24	.26
WESTFIELD							
Knightville	1.19	1.98	+	2.71	4.49	1.38	.28
M BR WESTFIELD							
Goss Heights	1.02	2.16	+	2.83	4.52	1.54	.23
W BR WESTFIELD							
Huntington	1.03	2.20	+	2.90	4.55	1.55	.32
LITTLE							
Cobble Mt Res	1.05	1.71	+	2.61	4.39	1.11	.07
WESTFIELD							
Westfield	1.22	1.85	N	2.62	4.37	1.35	.41
CONNECTICUT							
Thompsonville	1.57	2.20	+	2.81	3.26	1.74	.49
W BR FARMINGTON							
New Boston	1.24	2.10	+	2.76	4.01	1.46	.31
#Riverton	1.35	2.18	N	2.98	9.40	1.44	.23

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
BURLINGTON BR							
Burlington	1.34	2.23	+	2.82	3.90	1.64	.39
PEQUABUCK							
Forestville	1.36	2.14	+	2.52	3.83	1.70	.72
FARMINGTON							
Rainbow	1.41	2.01	+	2.58	3.59	1.49	.45
S BR PARK							
Hartford	1.21	1.62	+	1.92	3.25	1.19	.55
N BR PARK							
Hartford	.64	1.35	+	1.61	2.47	.74	.18
HOCKANUM							
E Hartford	1.13	1.63	N	1.99	3.51	1.29	.48
SALMON							
E Hampton	.99	1.46	N	2.01	2.70	1.11	.24
E BR EIGHTMILE							
N Lyme	1.13	1.89	+	2.47	3.59	1.31	.25
QUINNIPIAC							
Wallingford	1.26	1.72	N	2.19	4.02	1.34	.63
HOUSATONIC							
Gt Barrington	1.25	2.22	+	2.91	4.47	1.65	.59
Falls Village	1.33	2.13	+	2.68	3.80	1.53	.49
TENMILE							
Gaylordsville	1.11	1.61	N	1.89	2.92	1.00	.26
HOUSATONIC							
Gaylordsville	1.34	2.08	+	2.58	3.54	1.56	.44
POMPERAUG							
Southbury	.91	1.69	+	1.94	3.51	1.09	.28
HOUSATONIC							
Stevenson	1.16	1.88	N	2.32	3.54	1.34	.38
NAUGATUCK							
$Thomaston	1.25	1.61	N	2.49	3.72	.88	.36
Beacon Falls	1.26	1.50	N	2.23	4.00	.86	.41
BLIND BR							
Rye	.76	.94	N	1.39	3.62	.46	.20
BEAVER SWAMP BR							
Mamaroneck	.61	.73	N	1.15	3.16	.30	.17
BRONX							
Bronxville	1.07	1.27	N	1.64	3.52	.74	.43
HUDSON							
Newcomb	1.76	3.17	+	3.72	6.77	2.51	.40
INDIAN							
Indian Lake	1.65	2.80	+	3.32	7.03	2.07	.50

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
E BR SACANDAGA							
Griffin	1.08	2.90	+	3.61	5.77	1.79	.20
SACANDAGA							
*Stewarts Brdge	1.39	2.67	+	3.23	4.73	1.71	.17
BOND CR							
Dunham Basin	.27	1.56	+	2.15	2.98	.93	.06
BATTEN KILL							
Arlington	1.89	2.66	+	3.16	3.46	2.09	.73
Battenville	1.35	2.26	+	2.69	3.30	1.69	.46
KAYADRSSRAS CR							
W Milton	1.20	1.95	+	2.21	2.21	1.48	.37
HOOSIC							
Adams	1.33	2.48	+	2.96	3.76	1.97	.64
N BR HOOSIC							
N Adams	1.65	2.30	N	3.09	4.73	1.70	.33
HOOSIC							
Williamstown	1.51	2.09	N	2.85	3.51	1.69	.68
GREEN							
Williamstown	.97	2.30	+	3.15	3.76	1.76	.48
WALLOOMSAC							
N Bennington	1.68	2.18	N	2.82	3.62	1.71	.53
HOOSIC							
Eagle Bridge	1.32	1.96	N	2.51	4.41	1.42	.43
MOHAWK							
*Delta Dam	1.33	2.57	+	3.17	4.80	1.90	.38
W CANADA CR							
*Kast Bridge	1.50	3.29	+	3.67	5.33	2.33	.41
E CANADA CR							
East Creek	1.63	3.68	+	4.25	5.46	2.58	.38
OTSQUAGO CR							
Ft Plain	.50	1.87	+	1.88	1.88	1.42	.12
SCHOHARIE CR							
#Schoharie Res	1.06	1.76	+	2.14	2.62	1.33	.16
CATSKILL CR							
Oak Hill	.41	1.27	+	1.61	2.64	.83	.06
ESOPUS CR							
#Esopus Res	1.05	2.11	N	2.75	3.35	1.41	.11
RONDOUT CR							
#Rondout Res	1.28	2.60	+	3.03	4.63	1.75	.43
WALKILL CR							
Unionville	.69	1.32	+	1.82	3.76	.63	.23
POCHUCK CR							
Pine Island	.75	1.52	+	2.20	5.25	.60	.28
QUAKER CR							
Florida	.35	.96	+	1.50	3.70	.24	.07
WALKILL							
Gardiner	.60	1.26	+	1.77	3.95	.68	.15

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
WAPPINGER CR							
Wappingers Fs	.74	1.60	+	2.04	3.77	.89	.19
CROTON							
#Croton Res	.89	1.30	N	1.72	2.91	.58	.13
CATTARAUGUS CR							
Gowanda	.94	1.64	+	2.21	2.56	1.06	.37
BUFFALO CR							
Gardenville	.47	1.00	+	1.49	1.89	.67	.12
CAZENOVIA CR							
Ebenezer	.58	1.13	+	1.63	2.24	.75	.14
TONAWANDA CR							
Batavia	.45	.84	+	1.15	1.69	.55	.13
GENESEE							
Wellsville	.79	1.02	N	1.60	3.41	.59	.20
CANEADEA CR							
Caneadea	.37	.97	+	1.48	3.42	.67	.09
GENESEE							
Portageville	.76	1.12	N	1.67	2.62	.72	.17
CANASERAGA CR							
Dansville	.85	1.09	N	1.56	1.79	.86	.21
GENESEE							
Jones Bridge	.69	1.08	N	1.64	2.27	.73	.16
CANADICE OTL							
Hemlock	.60	1.15	+	1.68	2.49	.56	-.79
OATKA CR							
Garbutt	.43	.84	+	1.07	2.09	.63	.24
BLACK CR							
Churchville	.27	.62	N	.85	2.16	.43	.10
CAYUGA INLET							
Ithaca	.55	1.38	+	1.69	2.73	.95	.17
FALL CR							
Ithaca	.97	2.22	+	2.77	2.98	1.60	.29
CANANDAIGUA OTL							
Chapin	.32	1.16	+	1.52	1.52	.75	-.08
ONEIDA CR							
Oneida	.66	1.57	+	2.07	2.19	1.18	.38
LIMESTONE CR							
Fayetteville	.83	1.83	+	2.33	3.24	1.39	.51
ONEIDA							
*Caughdenoy	1.00	1.89	+	2.41	2.41	1.44	.42
OSWEGO							
*Oswego	.91	1.73	+	2.24	3.70	1.31	.43
BLACK							
*Boonville	1.88	3.28	+	3.92	5.53	2.74	.60
INDEPENDENCE							
Donattsburg	1.45	2.42	+	3.14	3.66	2.05	.49
BEAVER							
Beaver River	1.62	2.75	+	3.36	4.93	2.28	.57

WATER SUPPLY OUTLOOK
JUNE 1,2000
JUNE RUNOFF

RIVER	Median 1941-70	Most Probable		Reasonable Maximum		Reasonable Minimum	
Gaging station	Inches	Inches	Median	Inches	ObsMax	Inches	ObsMin
OSWEGATCHIE							
Cranberry Lake	1.37	2.37	+	2.94	5.00	1.96	.47
W BR OSWGTCHIE							
Harrisville	1.23	2.29	+	2.96	4.91	1.90	.41
GRASS							
Pyrites	1.23	2.01	+	2.54	5.46	1.57	.41
ST REGIS							
Brasher Ctr	1.33	1.96	+	2.34	5.16	1.63	.45
E BR AUSABLE							
Au Sable Fks	1.36	2.85	+	3.22	4.57	2.31	.34
LAKE GEORGE OTL							
*Ticonderoga	1.14	2.09	+	2.61	4.94	1.33	-.04
POULTNEY							
Fair Haven	.63	1.66	+	2.39	4.63	1.10	.12
OTTER CR							
Center Rutland	1.41	2.48	+	3.37	5.69	1.88	.47
Middlebury	1.22	2.22	+	2.97	5.37	1.69	.37
JAIL BRANCH							
E Barre	.87	2.20	+	2.96	4.35	1.71	.22
N BR WINOOSKI							
Wrightsville	1.03	2.57	+	3.41	5.09	2.11	.23
WINOOSKI							
Montpelier	1.20	2.46	+	3.13	4.80	2.12	.36
DOG							
Northfield Fs	1.07	2.34	+	3.07	5.23	1.95	.29
MAD							
Moretown	1.31	2.21	+	2.92	6.75	1.85	.37
LITTLE							
Waterbury	1.82	2.98	+	3.94	4.58	2.42	.52
WINOOSKI							
Essex Jct	1.20	2.54	+	3.28	5.23	2.15	.40
LAMOILLE							
Johnson	1.17	2.80	+	3.65	4.02	2.34	.57
E Georgia	1.32	3.15	+	3.96	3.96	2.67	.61
MISSISQUOI							
N Troy	1.30	3.20	+	4.04	4.25	2.59	.54
Richford	1.06	3.16	+	4.07	4.78	2.52	.58
RICHELIEU							
*Lk Chmpln Infl	1.16	2.31	+	2.89	4.92	1.90	.31
CLYDE							
Newport	1.67	3.62	+	4.24	4.24	3.06	.89

---WATER SUPPLY OUTLOOK -- NOMENCLATURE---

Runoffs are from data supplied by the U.S. GEOLOGICAL SURVEY and include necessary adjustments .

* Estimated changes in storage

+ Runoffs not from USGS

$ Runoffs partly estimated from nearby gages

---CLASSIFICATIONS OF RANGE---

Runoffs excessive - Top 25%

N Runoffs normal - Middle 50 %

- Runoffs deficient - Bottom 25 %

	ACTUAL JUN-MAY	NORMAL JUN-MAY	DEPARTURE	%	ACTUAL MAY	NORMAL MAY	DEPART
STATE... ME							
FORT KENT	40.04	36.12	3.92	110.85	2.91	2.87	.04
CARIBOU WSO	44.28	36.59	7.69	121.02	4.52	2.88	1.64
PRESQUE ISLE	45.44	36.12	9.32	125.80	4.08	2.96	1.12
HOULTON	39.43	37.20	2.23	105.99	4.70	2.86	1.84
BRASSAU DAM	49.34	39.29	10.05	125.58	4.95	3.00	1.95
JACKMAN	46.56	37.08	9.48	125.57	6.12	2.94	3.18
WOODLAND	45.40	46.07	-.67	98.55	3.43	3.61	-.18
EASTPORT	48.83	43.82	5.01	111.43	4.32	3.55	.77
MIDDLE DAM	46.88	36.39	10.49	128.83	7.43	2.94	4.49
ELLSWORTH	49.77	46.41	3.36	107.24	3.57	3.48	.09
RUMFORD POWER PLANT	38.57	43.84	-5.27	87.98	3.82	3.60	.22
WATERVILLE PUMP STN	46.81	41.44	5.37	112.96	4.48	3.25	1.23
GARDINER	49.40E	44.36	5.04	111.36	4.69E	3.49	1.20
LEWISTON	51.06	45.76	5.30	111.58	4.77	3.36	1.41
PORTLAND WSFO	36.36	43.52	-7.16	83.55	3.07	3.27	-.20
STATE... NH							
FIRST CONN LAKE	56.49E	43.75	12.74	129.12	7.21E	3.60	3.61
DIXVILLE NOTCH	56.79	46.06	10.73	123.30	7.12	3.79	3.33
ERROL	45.68	38.11	7.57	119.86	5.87	3.12	2.75
MILAN 7 NNW	45.68E	38.11	7.57	119.86	5.87E	3.20	2.67
PINKHAM NOTCH	63.19E	57.90	5.29	109.14	6.03E	4.41	1.62
WOODSTOCK	58.84	45.17	13.67	130.26	5.36	3.92	1.44
HANOVER	39.62E	36.67	2.95	108.04	3.63E	3.29	.34
NEWPORT	43.92E	38.38	5.54	114.43	3.52E	3.28	.24
BRADFORD	52.10	44.26	7.84	117.71	3.52	3.64	-.12
MASSABESIC LAKE	41.03	39.87	1.16	102.91	3.60	3.38	.22
NASHUA 2 NNW	49.74	43.27	6.47	114.95	3.60	3.49	.11
CONCORD WSO	43.60	36.53	7.07	119.35	2.29	2.93	-.64
STATE... VT							
NEWPORT	45.21	39.94	5.27	113.19	5.31	3.22	2.09
WEST BURKE	47.57	40.74	6.83	116.76	5.06	3.47	1.59
BURLINGTON WSO	40.50	33.69	6.81	120.21	6.13	2.96	3.17
SAINT JOHNSBURY	42.62	36.41	6.21	117.06	5.84	3.08	2.76
CHELSEA	45.02	36.66	8.36	122.80	5.06	3.33	1.73
ROCHESTER	45.21	43.37	1.84	104.24	6.11	3.76	2.35
RUTLAND	44.80	34.91	9.89	128.33	6.13	3.21	2.92
CAVENDISH	46.89E	43.30	3.59	108.29	4.40E	3.72	.68
DORSET 1 S	49.29E	46.80	2.49	105.32	6.66E	4.39	2.27
BELLOWS FALLS	46.41	40.40	6.01	114.88	3.81	3.36	.45
SEARSBURG STATION	53.34	53.29	.05	100.09	5.34	4.53	.81
VERNON	47.18	43.53	3.65	108.39	5.73	3.79	1.94
STATE... MA							
LAWRENCE	43.12	42.56	.56	101.32	4.13	3.39	.74
ASHBURNHAM	44.61	47.48	-2.87	93.96	3.84	3.73	.11
PLAINFIELD	42.90	47.74	-4.84	89.86	4.33	4.20	.13
PETERSHAM 3 N	49.98	42.46	7.52	117.71	3.57	3.27	.30
FITCHBURG 2 S	44.61E	45.78	-1.17	97.44	3.84E	3.53	.31
CLINTON	46.54	46.97	-.43	99.08	3.46	3.57	-.11
BOYLSTON	41.71E	46.73	-5.02	89.26	3.30E	3.62	-.32
STOCKBRIDGE	48.37	43.73	4.64	110.61	5.59	3.77	1.82
BELCHERTOWN	47.56	46.02	1.54	103.35	4.08	3.62	.46
HOLYOKE	43.55	43.76	-.21	99.52	3.45	3.26	.19
BLUE HILLS	50.97	49.14	1.83	103.72	3.28	3.68	-.40
WEST OTIS	48.47E	43.97	4.50	110.23	5.67E	3.43	2.24
SOUTHBRIDGE 3 SW	47.32	49.75	-2.43	95.12	4.34	3.69	.65
BROCKTON	49.34	46.32	3.02	106.52	3.52	3.46	.06
BOSTON WSFO	37.67	43.81	-6.14	85.98	2.39	3.52	-1.13
WORCESTER WSO	41.71	47.60	-5.89	87.63	3.30	3.86	-.56

	ACTUAL JUN-MAY	NORMAL JUN-MAY	DEPARTURE	%	ACTUAL MAY	NORMAL MAY	DEPART
STATE... CT							
NORFOLK 2 SW	53.20	53.08	.12	100.23	4.76	3.95	.81
HARTFORD WSO	43.99	44.39	-.40	99.10	4.45	3.37	1.08
STORRS	49.33	47.30	2.03	104.29	4.42	3.78	.64
WIGWAM RESERVOIR	50.87	46.10	4.77	110.35	5.53	3.39	2.14
ROCKY RIVER DAM	46.23	45.64	.59	101.29	4.62	3.58	1.04
SHUTTLE MEADOW RSVR	50.39	49.60	.79	101.59	4.68	3.90	.78
MIDDLETOWN 4 W	50.39	50.10	.29	100.58	4.68	3.98	.70
COCKAPONSET RGR STN	46.83	49.99	-3.16	93.68	3.75	4.07	-.32
PUTNAM LAKE	47.02	50.50	-3.48	93.11	4.37	4.17	.20
BRIDGEPORT WSO	39.04	41.56	-2.52	93.94	4.16	3.44	.72
STATE... RI							
WOONSOCKET	45.51	46.80	-1.29	97.24	3.82	3.58	.24
PROVIDENCE WSO	41.49	45.32	-3.83	91.55	3.72	3.48	.24
KINGSTON	45.06	48.49	-3.43	92.93	2.74	4.12	-1.38
BLOCK ISLAND	45.29	41.91	3.38	108.06	2.74	3.37	-.63
STATE... NY							
CHASM FALLS	49.94	41.02	8.92	121.75	5.94	3.46	2.48
PERU 2 WSW	40.89E	28.92	11.97	141.39	5.79E	2.52	3.27
WANAKENA RGR SCHOOL	40.82	42.14	-1.32	96.87	6.56	3.58	2.98
TUPPER LAKE SUNMOUNT	45.36	38.62	6.74	117.45	7.37	3.56	3.81
SABATTIS 3 NE	40.22E	41.75	-1.53	96.34	6.56E	3.68	2.88
BEAVER FALLS	43.04	36.47	6.57	118.01	7.06	3.20	3.86
BIGMOOSE 3 E	57.17	51.14	6.03	111.79	8.37	4.10	4.27
INDIAN LAKE 2 SW	43.25	39.73	3.52	108.86	5.73	3.29	2.44
HIGHMARKET	56.70	52.87	3.83	107.24	8.78	4.71	4.07
LYONS FALLS	56.70	44.82	11.88	126.51	8.78	3.67	5.11
BENNETT BRIDGE	55.12	49.04	6.08	112.40	6.98	3.72	3.26
HINCKLEY	45.92	49.63	-3.71	92.52	7.68	4.47	3.21
HOPE	46.28	44.64	1.64	103.67	5.68	3.66	2.02
CONKLINGVILLE DAM	48.79	42.11	6.68	115.86	6.34	3.54	2.80
ROCHESTER WSO	36.08	31.27	4.81	115.38	4.70	2.58	2.12
BALDWINSVILLE	38.60	40.29	-1.69	95.81	5.61	3.15	2.46
BATAVIA	38.75	33.97	4.78	114.07	4.50	3.23	1.27
BUFFALO WSFO	34.36	37.52	-3.16	91.58	4.38	2.89	1.49
SYRACUSE WSO	34.13	39.11	-4.98	87.27	4.75	3.16	1.59
FRANKFORT LOCK 19	48.11	40.65	7.46	118.35	8.97	3.51	5.46
GLOVERSVILLE	44.95	42.03	2.92	106.95	5.07	3.80	1.27
TRIBES HILL	37.15	37.89	-.74	98.05	4.82	3.47	1.35
HEMLOCK	36.46	31.04	5.42	117.46	5.73	2.91	2.82
DANSVILLE	31.29	31.12	.17	100.55	3.52	2.88	.64
CORTLAND	32.98	41.21	-8.23	80.03	5.63	3.43	2.20
ITHACA CORNELL UNIV.	37.26	35.27	1.99	105.64	5.63	3.05	2.58
ALFRED	38.75	36.77	1.98	105.38	4.98	3.21	1.77
MILLBROOK	36.99	40.60	-3.61	91.11	4.63	3.38	1.25
POUGHKEEPSIE	43.61	40.16	3.45	108.59	6.51	3.62	2.89
WEST POINT	48.78	48.76	.02	100.04	3.65	4.15	-.50
NEW YORK CENTRAL PK	35.59	44.12	-8.53	80.67	4.50	3.76	.74
ALBANY WSFO	41.03	35.74	5.29	114.80	4.95	3.31	1.64

E... THIS VALUE IS USUALLY ESTIMATED

NORMALS BASED ON NWS VALUES FOR 1951 TO 1980 PERIOD