



Water Watch for January 2020

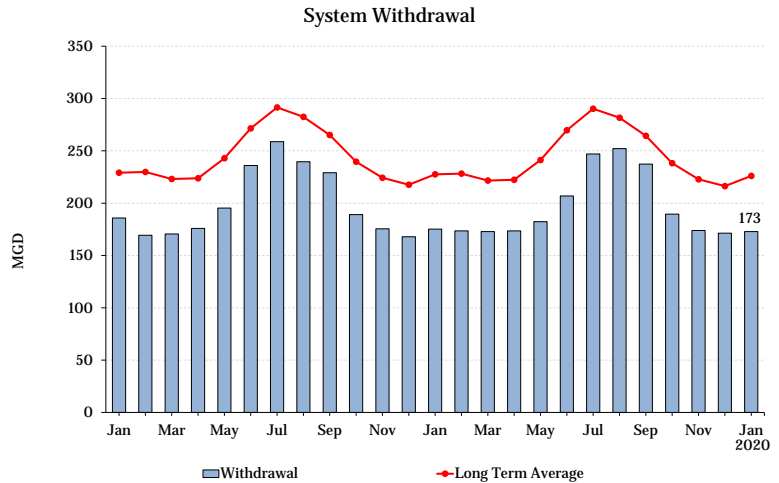


Withdrawal

CWTP + NCST Delta + CVA + Clinton + Quinapoxet + Leominster + Worcester + McLaughlin Fish Hatchery

CWTP	4,955.55
NCST Delta	-4.56
CVA	181.61
Clinton	34.12
Quinapoxet	0.00
Leominster	0.00
Worcester	0.00
McLaughlin Fish Hatchery	191.31
System Withdrawal Total:	5,358.02

January's 2020 Withdrawal: **172.84 MGD**
 Departure from last year: -2.34 MGD
 January's 36 year Average: 226.00 MGD
 Year to Date Average: 172.84 MGD
 Last 12 Month's Average: 196.08 MGD



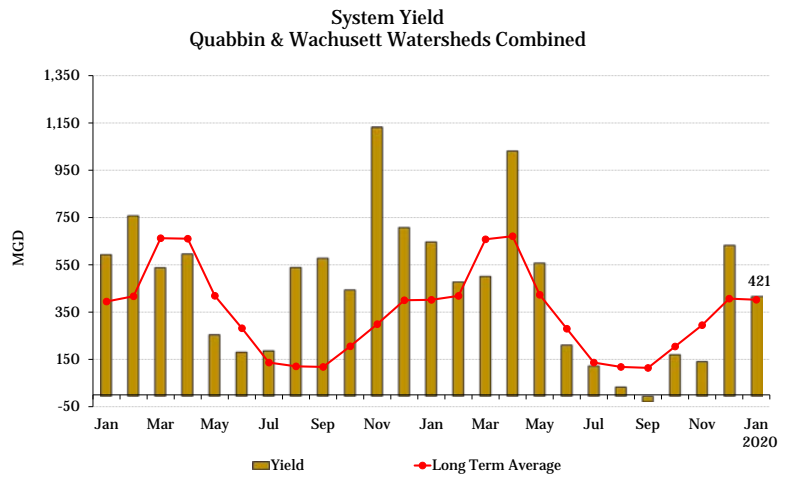
Yield

System Withdrawal + Quabbin Change + Swift River Release + Wachusett Change + Nashua River Release + Seepage + Wachusett Aqueduct - Pine Hill Overflow

System Withdrawal	5,358.02
Quabbin Change	5,850.00
Swift River Release	994.75
Wachusett Change	-1,047.09
Nashua River Release	1,750.84
Seepage	27.90
Wachusett Aqueduct	0.00
* Maintenance Flow *	122.10
Cosgrove Aqueduct Drain	0.00
Pine Hill Overflow	0.00
Total:	13,056.53

January's 2020 Yield: **421.18 MGD**
 Departure from Last Year: -227.76 MGD
 January's 36 year Average: 402.40 MGD
 Year to Date Average: 421.18 MGD
 Last 12 Month's Average: 360.08 MGD

Yield as a % of January's 36 year Average: 104.7%



Precipitation

Quabbin Watershed

January's Precipitation: **1.63**
 Year to Date Total: 1.63

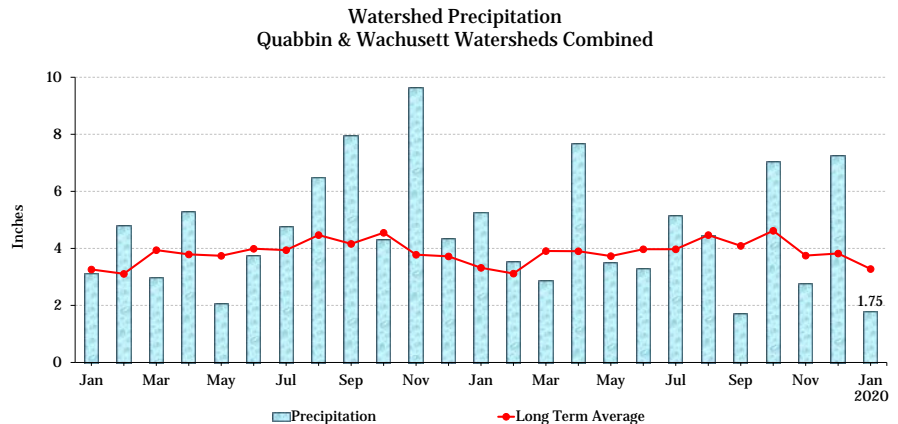
Wachusett Watershed

January's Precipitation: **1.87**
 Year to Date Total: 1.87

Combined Watershed Average:

January's 36 year Average: 3.28
 Departure from 36 year Average : -1.53
 Year to Date Total: 1.75
 Long Term (36 yrs) YTD Average: 3.28
 Departure from Long Term YTD Average: -1.53

* precipitation in inches *



Change in Reservoir Storage

Date	Quabbin Reservoir		% Capacity	Wachusett Reservoir		% Capacity
	Elevation	Volume		Elevation	Volume	
02/01/20	526.54	385,650	93.5%	390.55	59,882	91.1%
01/01/20	525.76	379,800	92.1%	391.36	60,929	92.7%
Difference	0.78	5,850	1.4%	-0.81	(1,047)	-1.6%