

# OST-FFMP General Release Summary

Decision Day: 2011-11-14

## General Release Mass Balance

Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	251,861 MG
+ PCN Inflow Forecast Accumulated to Jun 1:	331,661 MG
- Expected PCN Diversion Accumulated to Jun 1:	119,498 MG
- Jun 1 Storage Target:	270,837 MG
= Available Release Quantity Accumulated to Jun 1:	193,187 MG

## Available Release Quantity Evenly Distributed to Jun 1

Available Release Quantity Accumulated to Jun 1:	193,187 MG
/ Number of Days to Distribute Release Quantity:	201 days
Current PCN Release Target:	961 mgd
=	1,490 cfs

## Determine Storage Zone for Schedule Selection

	Storage	Zone
Current PCN Usable Storage:	93%	L1
Current Pepacton Usable Storage:	96%	L1-b
Current Cannonsville Usable Storage:	88%	L1-c
Current Neversink Usable Storage:	92%	L1-b

## Use Release Target and Storage Zone to Select OST-FFMP Release Schedule

L1 Storage Zone, Fall Season (cfs)	Cannonsville	Pepacton	Neversink	Total
OST-FFMP Schedule	L1-c	L1-b	L1-b	PCN
Table 4a	110	300	125	535
Table 4b	125	300	125	550
Table 4c	150	300	125	575
Table 4d	175	300	125	600
Table 4e	200	500	125	825
Table 4f	225	500	125	850
Table 4g	225	500	125	850

### Reservoir Releases:

Cannonsville:	225 cfs (145 mgd)
Pepacton:	500 cfs (323 mgd)
Neversink:	125 cfs (81 mgd)

### Selected Schedule:

Table 4g /4f\*

\*Release rates identical for the current storage zone

# OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2011-11-14

## Discharge Mitigation Mass Balance

	Current PCN Usable Storage:	251,861 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	6,708 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	4,395 MG
-	Expected PCN Diversion Accumulated 7 Days:	2,108 MG
-	PCN Conditional Storage Objective:	243,753 MG
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	Estimated 7 Day PCN Excess over CSO:	8,313 MG

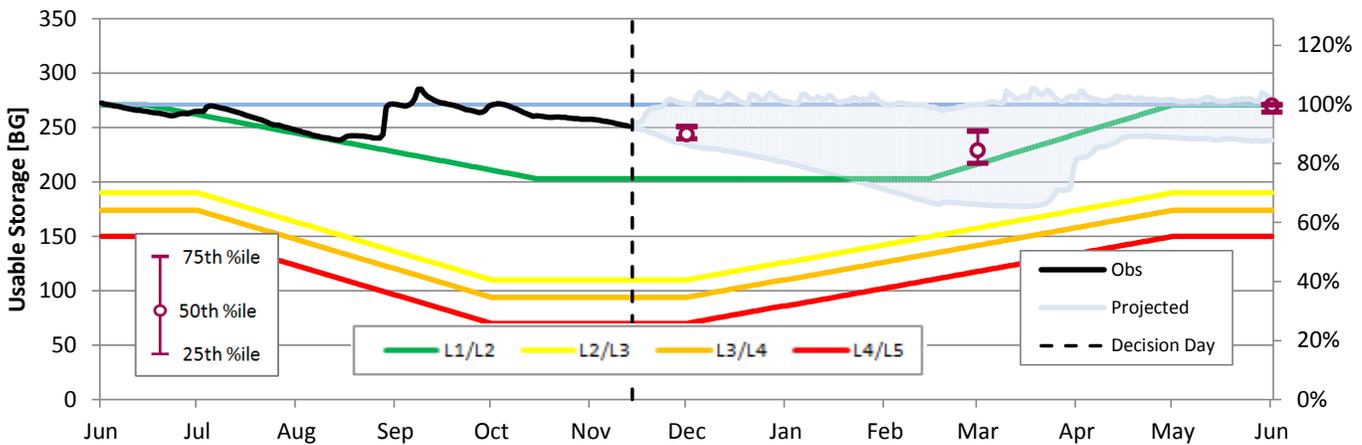
## Comments

An excess of water over the CSO is indicated, thus additional discharge mitigation releases will be made. See the table "General Releases + Discharge Mitigation Releases (cfs)" on the next page for details.

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Combined Pepacton, Cannonsville, and Neversink (PCN) Observed and Projected Storage



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total Release
Pepacton	500	200	700
Cannonsville	225	0	225
Neversink	125	65	190
<b>Total</b>	<b>850</b>	<b>265</b>	<b>1,115</b>

General releases are at Table 4g/4f\*

\*Release rates identical for the current storage zone

## Comments

Pepacton and Neversink are above the CSO, thus additional discharge mitigation releases will be made.

Cannonsville is below the CSO so no discharge mitigation releases will be made.

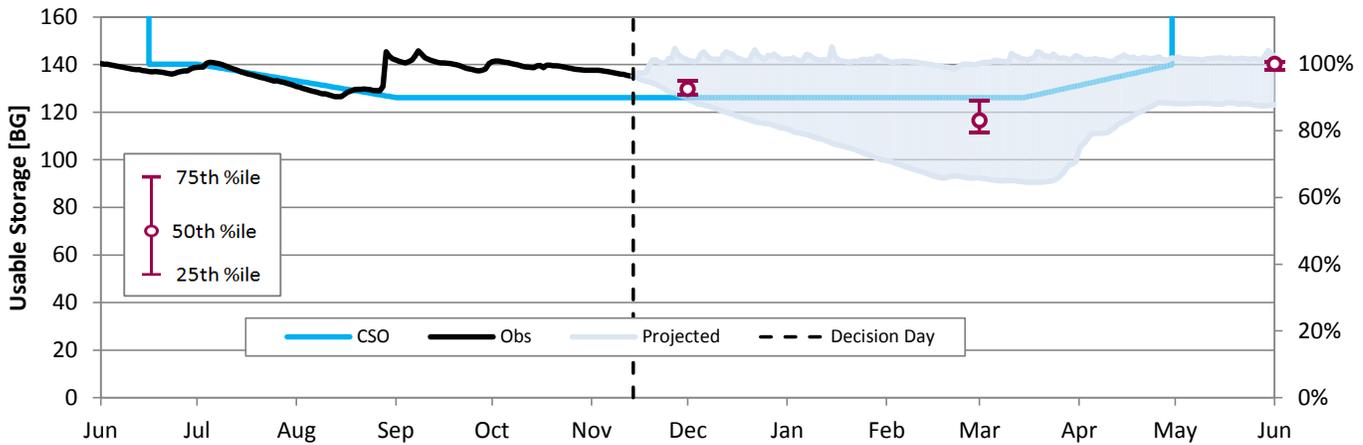
Cumulative Total Discharge Mitigation Releases Since June 1, 2011

Reservoir	Cumulative Releases (million gallons)
Pepacton	1665
Cannonsville	9609
Neversink	885
<b>Total</b>	<b>12159</b>

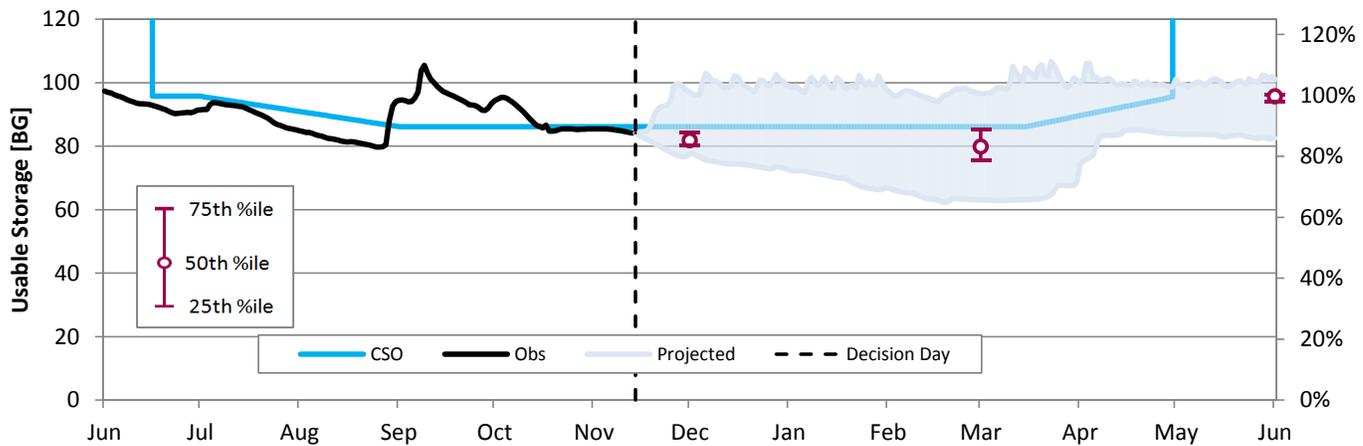
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### Pepacton Observed and Projected Storage



### Cannonsville Observed and Projected Storage



### Neversink Observed and Projected Storage

