

OST-FFMP General Release Summary

Decision Day: 2011-12-14

General Release Mass Balance

Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	264,828 MG
+ PCN Inflow Forecast Accumulated to Jun 1:	301,771 MG
- Expected PCN Diversion Accumulated to Jun 1:	101,548 MG
- Jun 1 Storage Target:	270,837 MG
= Available Release Quantity Accumulated to Jun 1:	194,214 MG

Available Release Quantity Evenly Distributed to Jun 1

Available Release Quantity Accumulated to Jun 1:	194,214 MG
/ Number of Days to Distribute Release Quantity:	171 days
Current PCN Release Target:	1,136 mgd
=	1,760 cfs

Determine Storage Zone for Schedule Selection

	Storage	Zone
Current PCN Usable Storage:	98%	L1
Current Pepacton Usable Storage:	100%	L1-a
Current Cannonsville Usable Storage:	93%	L1-b
Current Neversink Usable Storage:	100%	L1-a

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

L1 Storage Zone, Winter Season (cfs)	Cannonsville	Pepacton	Neversink	Total
OST-FFMP Schedule	L1-b	L1-a	L1-a	PCN
Table 4a	400	700	190	1,290
Table 4b	400	700	190	1,290
Table 4c	500	700	190	1,390
Table 4d	600	700	190	1,490
Table 4e	700	700	190	1,590
Table 4f	700	700	190	1,590
Table 4g	700	700	190	1,590

Reservoir Releases:

Cannonsville:	700 cfs (452 mgd)
Pepacton:	700 cfs (452 mgd)
Neversink:	190 cfs (123 mgd)

Selected Schedule: Table 4g /4f*/4e*

*Release rates identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2011-12-14

Discharge Mitigation Mass Balance

	Current PCN Usable Storage:	264,828 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	10,626 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	8,221 MG
-	Expected PCN Diversion Accumulated 7 Days:	3,806 MG
-	PCN Conditional Storage Objective:	243,753 MG
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	Estimated 7 Day PCN Excess over CSO:	19,674 MG

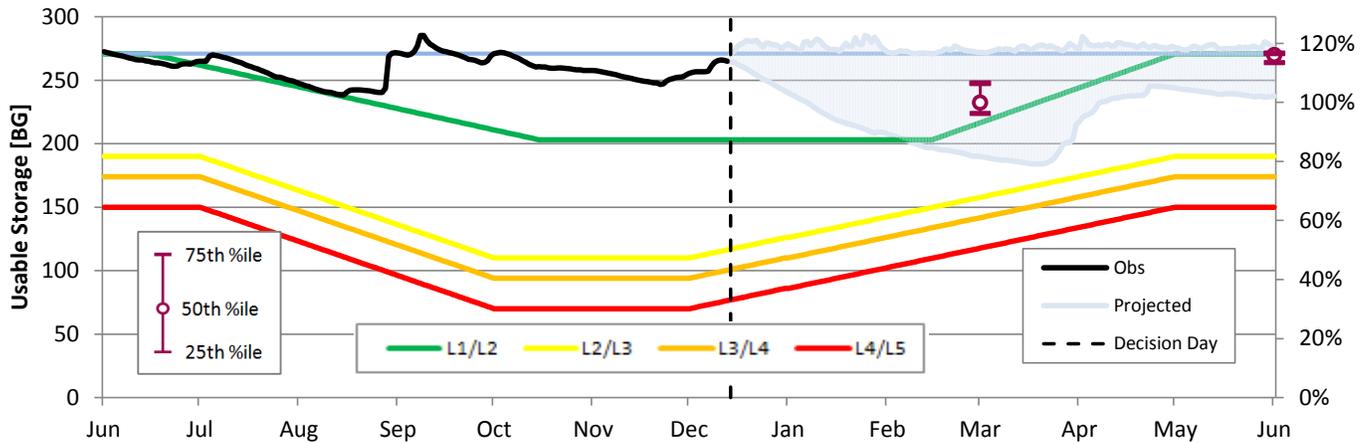
Comments

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	700		700
Cannonsville	700	800	1,500
Neversink	190		190
Total	1,590	800	2,390

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

*Release rates identical for the current storage zone

Comments

Pepacton and Neversink are in Zone L1-a and thus at their maximum release. No additional discharge mitigation releases can be made.

Cannonsville is in L1-b (above the CSO but below maximum release rate), thus additional releases will be made as indicated above.

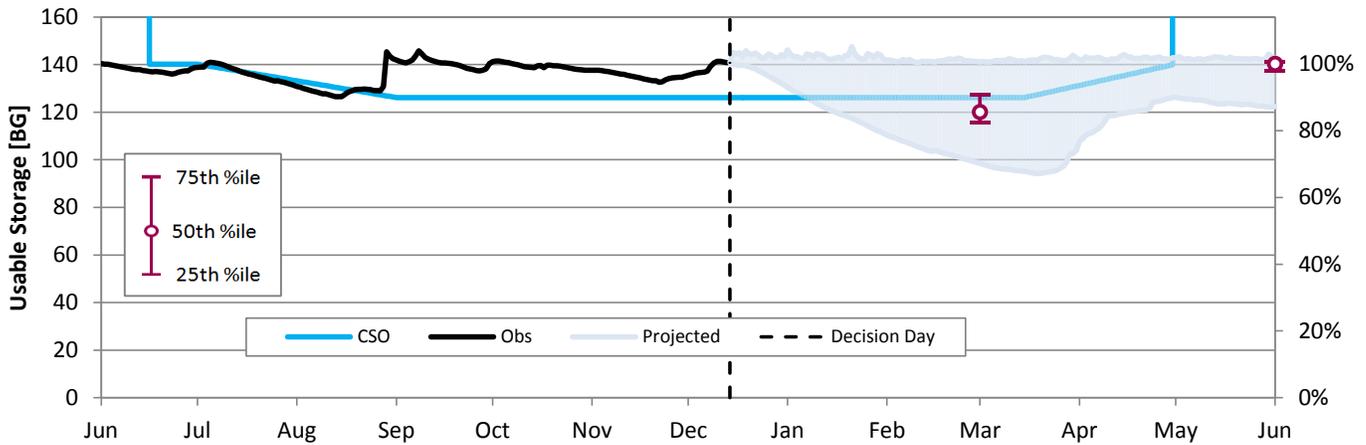
Cumulative Total Discharge Mitigation Releases Since June 1, 2011

Reservoir	Cumulative Releases (million gallons)
Pepacton	3941
Cannonsville	13037
Neversink	1853
Total	18831

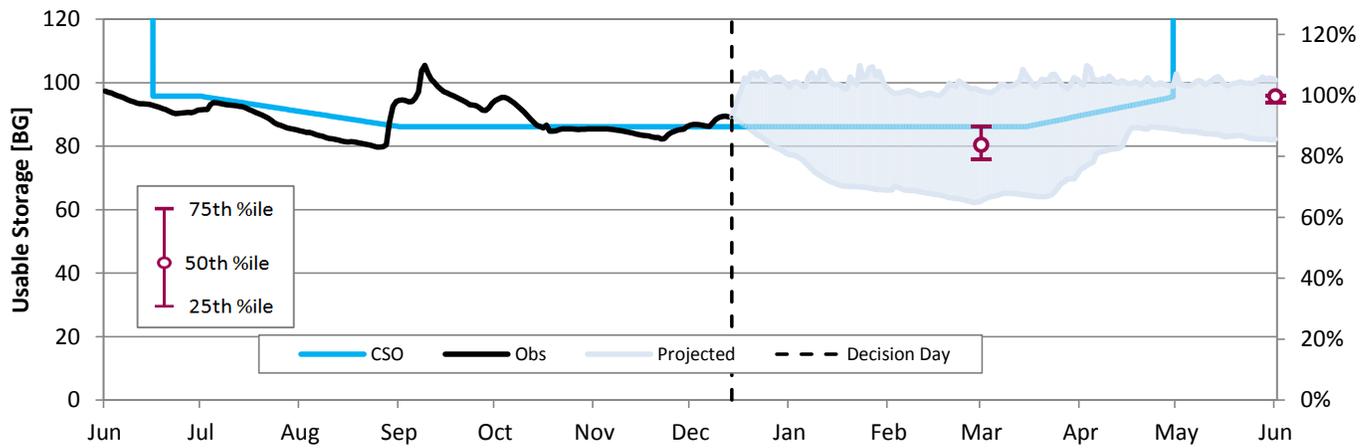
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Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage

