

OST-FFMP General Release Summary

Decision Day: 2011-10-19

General Release Mass Balance

Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:		259,001 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	412,099 MG
-	Expected PCN Diversion Accumulated to Jun 1:	147,956 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	252,307 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	252,307 MG
/	Number of Days to Distribute Release Quantity:	227 days
	Current PCN Release Target:	1,111 mgd
	=	1,723 cfs

Determine Storage Zone for Schedule Selection

	Storage	Zone
Current PCN Usable Storage:	96%	L1
Current Pepacton Usable Storage:	100%	L1-a
Current Cannonsville Usable Storage:	88%	L1-c
Current Neversink Usable Storage:	99%	L1-a

OST-FFMP Schedule Fall Season (Oct 1 - Nov 30)	Release (cfs)			
	Pepacton	Cannonsville	Neversink	Total
	L1-a	L1-c	L1-a	
Table 4a	700	110	190	1000
Table 4b	700	125	190	1015
Table 4c	700	150	190	1040
Table 4d	700	175	190	1065
Table 4e	700	200	190	1090
Table 4f	700	225	190	1115
Table 4g	700	225	190	1115

Select Tables 4f/4g (identical for this time of year and the specified storage zones) because the total release comes closest to the calculated release target of 1,723 cfs.

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2011-10-19

Discharge Mitigation Mass Balance

	Current PCN Usable Storage:	259,001 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	8,162 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	2,327 MG
-	Expected PCN Diversion Accumulated 7 Days:	3,385 MG
-	PCN Conditional Storage Objective:	243,753 MG
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	Estimated 7 Day PCN Excess over CSO:	17,698 MG

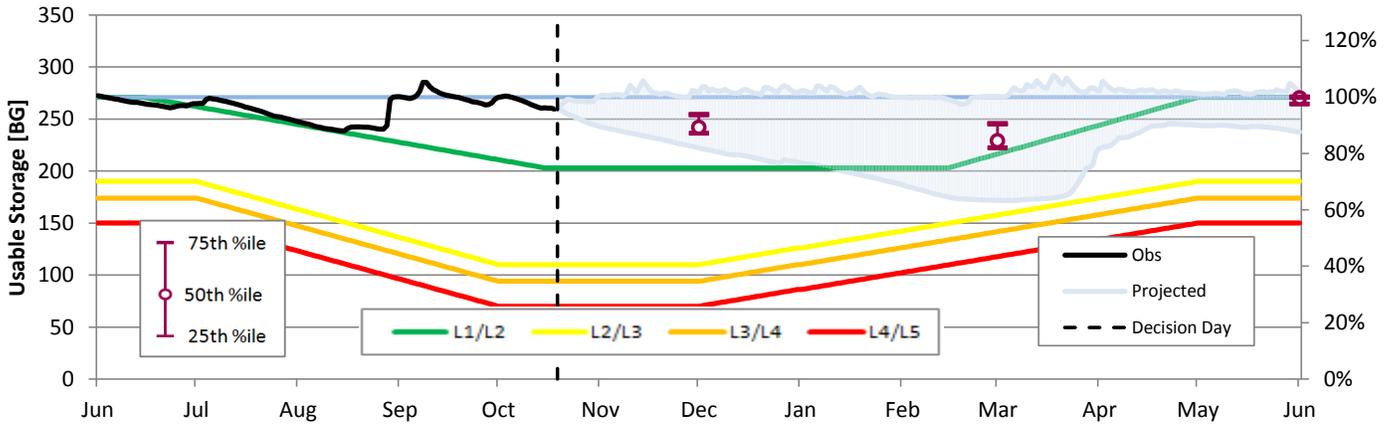
Comments

Although an excess is indicated, Pepacton and Neversink releases are already being made at the maximum possible level because they are in zone L1-a; no CSO releases are possible. Cannonsville is below the CSO, thus no CSO releases are called for.

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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 is max release	700
Cannonsville	225	Below CSO	225
Neversink	190	190 is max release	190
Total	1,115		1,115

Comments

NA

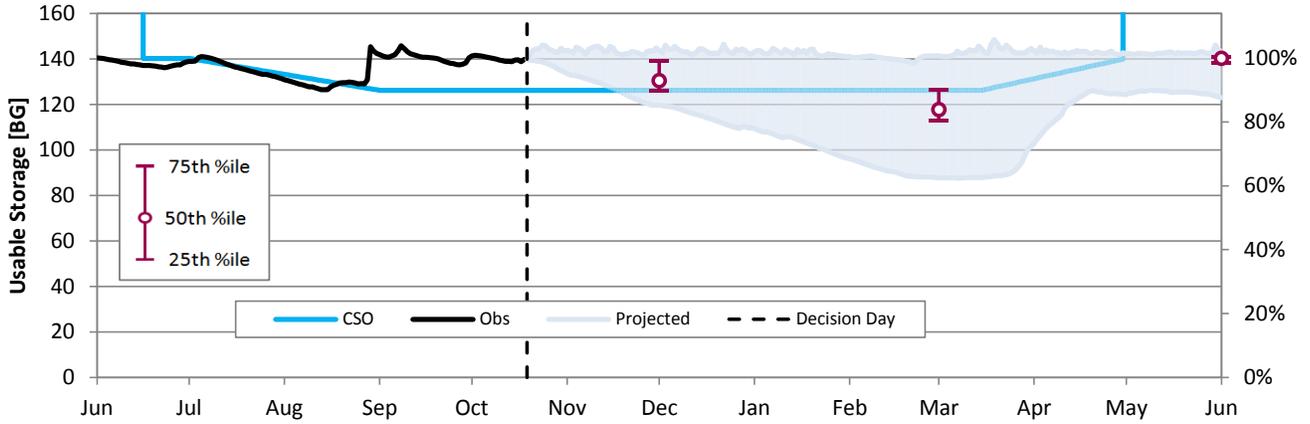
Cumulative Total Discharge Mitigation Releases Since June 1, 2011

Reservoir	Cumulative Releases (million gallons)
Pepacton	1,144
Cannonsville	9,609
Neversink	417
Total	11,170

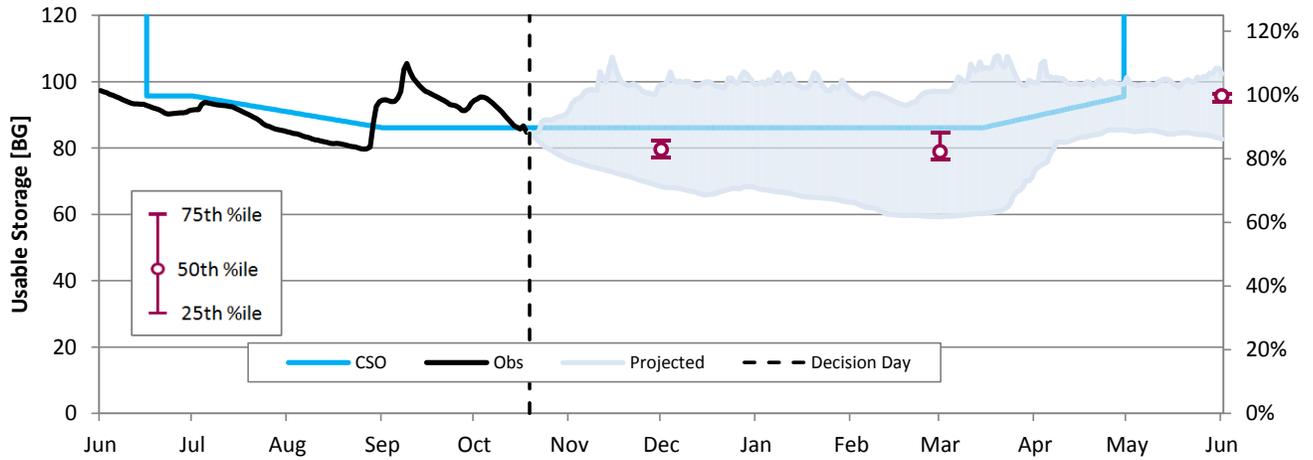
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Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage

