OST-FFMP General Release Summary

Decision Day: 2011-8-17

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	239,843	MG
+	PCN Inflow Forecast Accumulated to Jun 1:	419,414	MG
-	Expected PCN Diversion Accumulated to Jun 1:	175,449	MG
-	Jun 1 Storage Target:	270,837	MG
=	Available Release Quantity Accumulated to Jun 1:	212,971	MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	212,971	MG
/	Number of Days to Distribute Release Quantity:	290	days
	Current PCN Release Target:	734	mgd
	=	1,138	cfs

Determine Storage Zone for Schedule Selection

Current PCN Usable Storage:	89%
Current Pepacton Usable Storage:	91%
Current Cannonsville Usable Storage:	85%
Current Neversink Usable Storage:	91%
Current Aggregate PCN Storage Zone:	L1-c

Use Release Target and L1-c Storage Zone to Select OST-FFMP Release Schedule

L1-c Storage Zone, Summer Season (cfs)				
OST-FFMP Schedule	**Cannonsville**	**Pepacton**	**Neversink**	**PCN**
Table 4a	275	150	110	535
Table 4b	300	150	110	560
Table 4c	325	150	110	585
Table 4d	400	150	125	675
Table 4e	500	150	140	790
Table 4f	600	150	140	890
Table 4g	600	150	140	890

Selected Schedule: Table 4g/4f*

*Release rates identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2011-8-17

Discharge Mitigation Mass Balance

	Current PCN Usable Storage:	239,843	MG
+	Current PCN Snow Storage:	0	MG
+	PCN Inflow Forecast Accumulated 7 Days:	1,748	MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	4,602	MG
-	Expected PCN Diversion Accumulated 7 Days:	4,857	MG
-	PCN Conditional Storage Objective:	250,306	MG
	Estimated 7 Day PCN Excess over CSO:	0	MG

7 Day AHPS Forecast Volume (NOT CONFIGURED FOR USE IN THE OST MODEL)

Exceedance Probability	Cannonsville	Pepacton	Neversink	PCN
5%	1,716	1,671	474	3,861
10%	1,535	1,129	81	2,746
25%	1,129	858	45	2,032
50%	948	790	5	1,743
75%	903	723	5	1,630
90%	858	714	5	1,576
95%	858	714	5	1,576

Comments

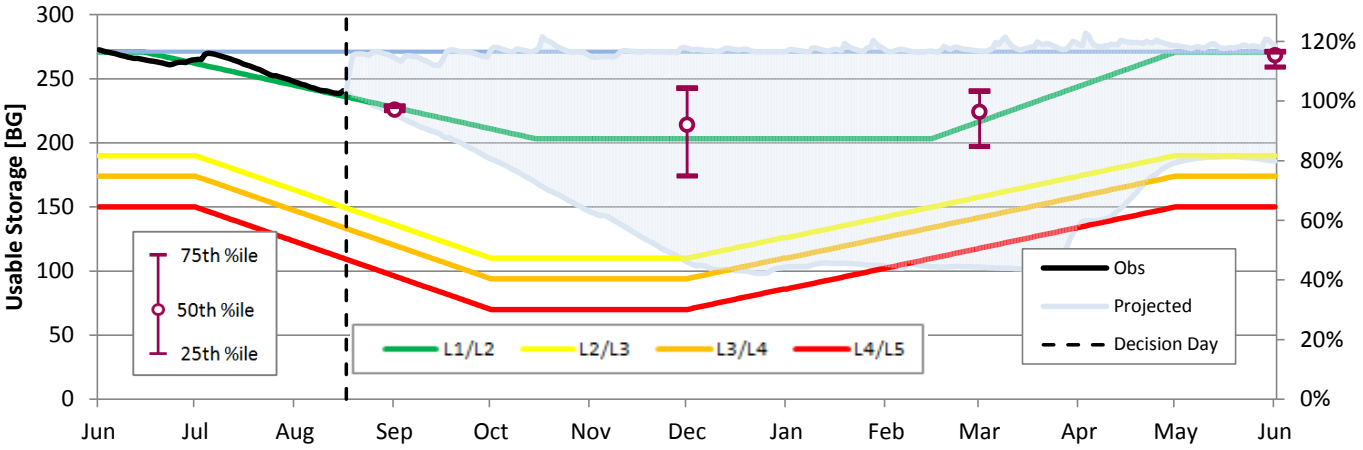
Neversink release was increased to L1-A on 8/16/11 to target the CSO.
Current 7 day AHPS forecasts, which include short-term meteorological forecasts which are not currently included in the OST model simulations, are consistent with OST's statistical Hirsch Forecasts for this model run at the 50% exceedance probability. Thus, additional releases are not indicated by the AHPS forecasts and will not be made.

AHPS Forecasts for the Delaware System are available at the following webpages:
Cannonsville:
http://water.weather.gov/ahps2/weekly.php?wfo=bgm&gage=cnnn6&view=1,1,1,1,1,1&toggles=10,7,8,2,9,15,6&type=2
Pepacton:
http://water.weather.gov/ahps2/weekly.php?wfo=bgm&gage=pepn6&view=1,1,1,1,1,1&toggles=10,7,8,2,9,15,6&type=2
Neversink:
http://water.weather.gov/ahps2/weekly.php?wfo=bgm&gage=nvrn6&view=1,1,1,1,1,1&toggles=10,7,8,2,9,15,6&type=2

OST-FFMP Summary Page

Decision Day: 2011-8-17

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	150		150
Cannonsville	600		600
Neversink	140	50	190
Total	890	50	940

General releases are at Table 4g/4f*

*Release rates identical for the current storage zone

Comments

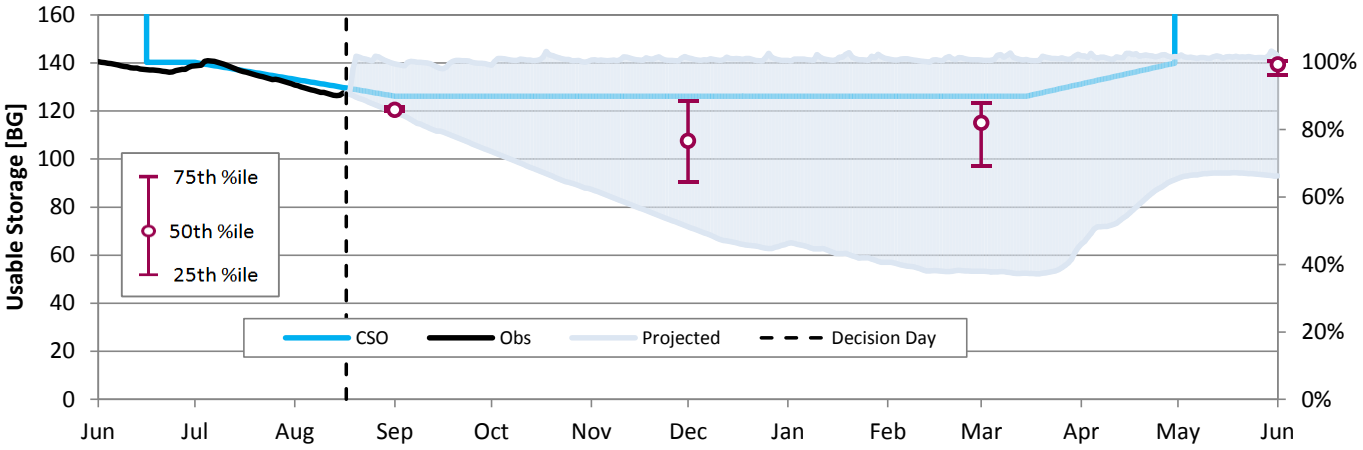
Cumulative Total Discharge Mitigation Releases Since June 1, 2011

Reservoir	Cumulative Releases (million gallons)
Pepacton	678
Cannonsville	2090
Neversink	311
Total	3079

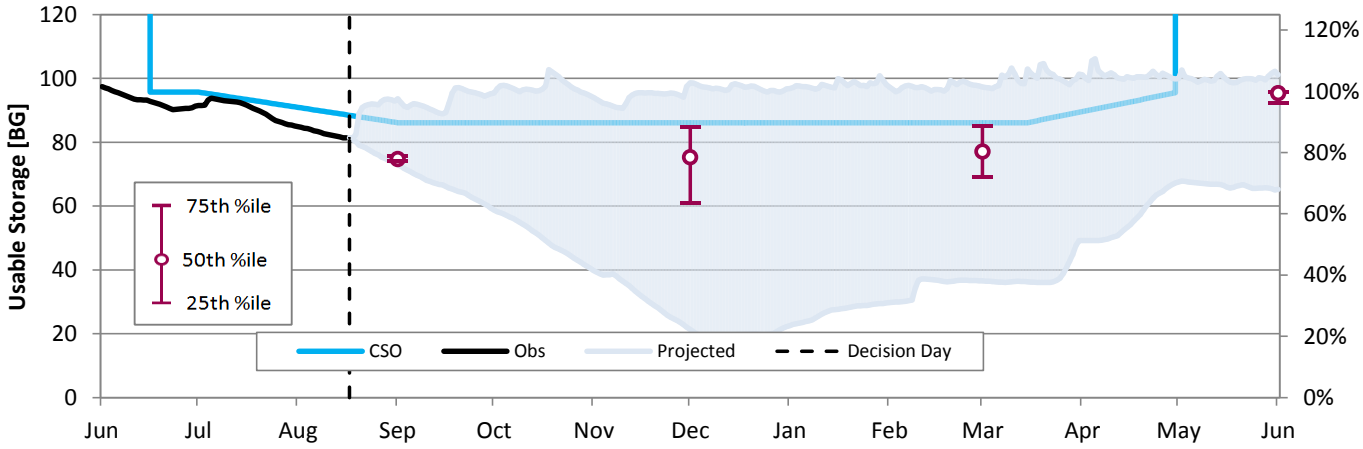
OST-FFMP Summary Page

Decision Day: 2011-8-17

Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage