

OST-FFMP General Release Summary

Decision Day: 2013-1-15

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	221,409 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	232,863 MG
-	Expected PCN Diversion Accumulated to Jun 1:	81,854 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	101,581 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	101,581 MG
÷	Number of Days to Distribute Release Quantity:	138 days
	Current PCN Release Target:	736 mgd
	=	1,139 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	82%	82%	L1
Pepacton	79%	79%	L1-c
Cannonsville	84%	84%	L1-c
Neversink	93%	94%	L1-b

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

L1 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L1-c	Cannonsville L1-c	Neversink L1-b	Total PCN
Table 4a	85	110	125	320
Table 4b	85	125	125	335
Table 4c	100	150	125	375
Table 4d	100	175	125	400
Table 4e	150	200	125	475
Table 4f	150	225	125	500
Table 4g	150	225	125	500

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-1-15

Discharge Mitigation Mass Balance

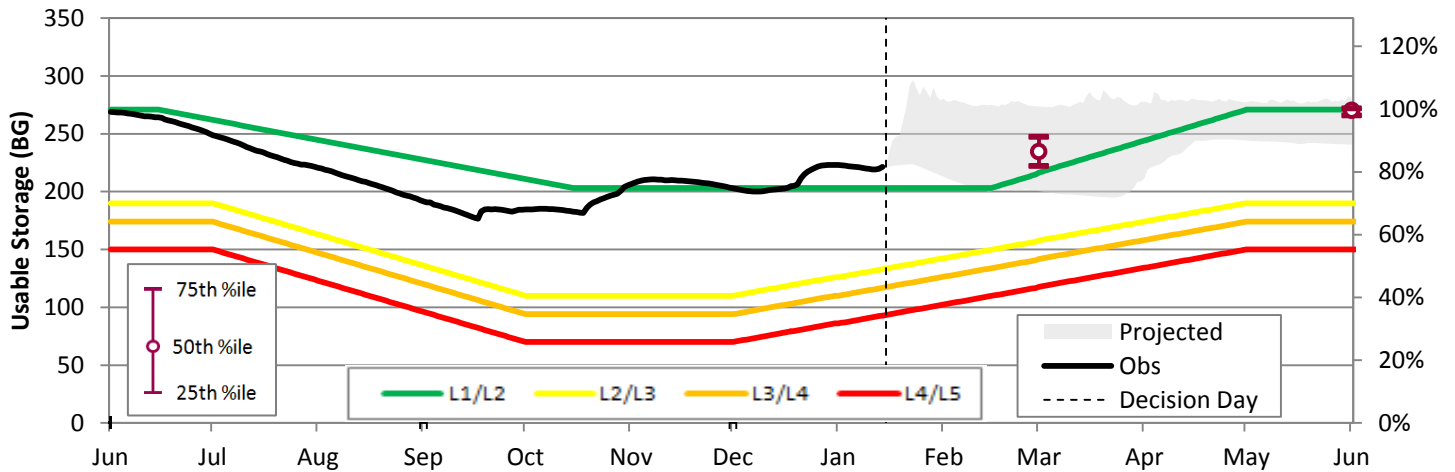
	Current PCN Usable Storage:	221,409 MG
+	Current PCN Snow Storage:	625 MG
+	PCN Inflow Forecast Accumulated 7 Days:	9,324 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	2,585 MG
-	Expected PCN Diversion Accumulated 7 Days:	716 MG
-	PCN Conditional Storage Objective:	243,753 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-1-15

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	225		225
Neversink	125		125
Total	500		500

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

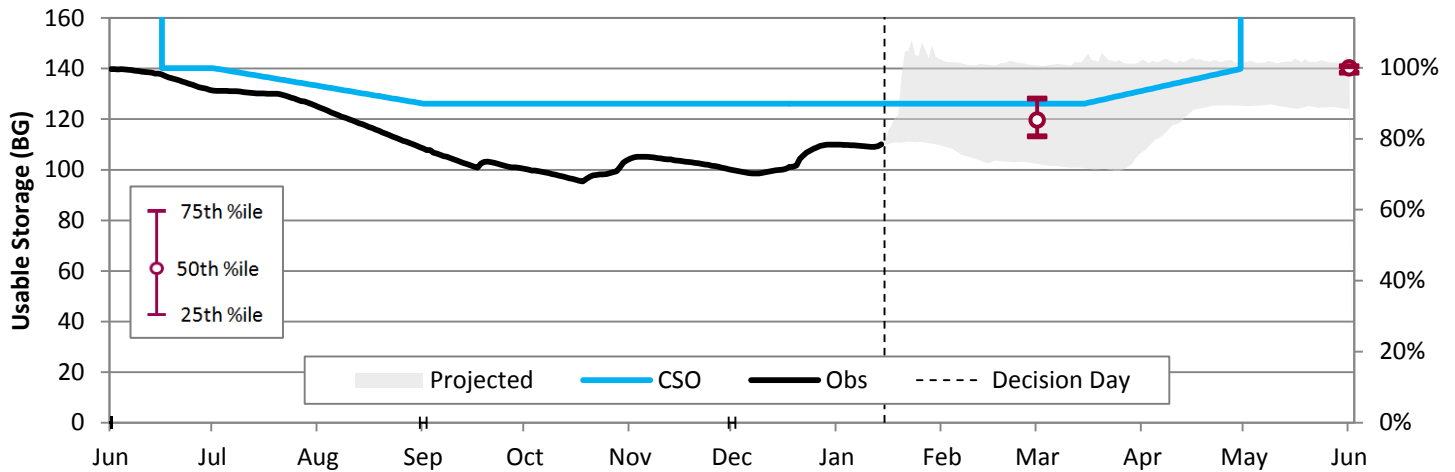
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	561
Total	561

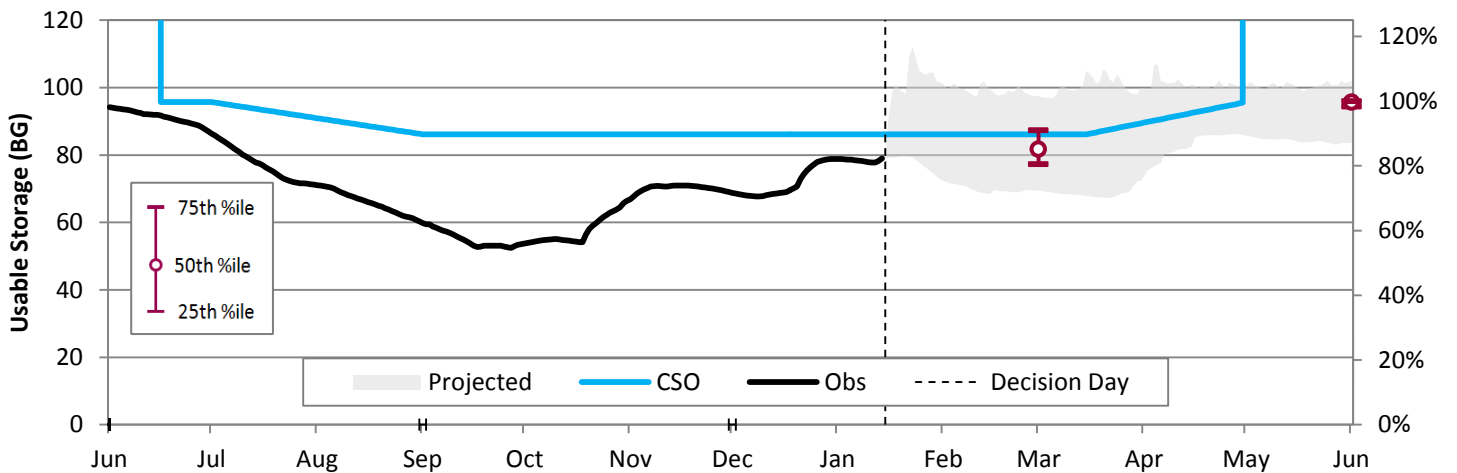
OST-FFMP Summary Page

Decision Day: 2013-1-15

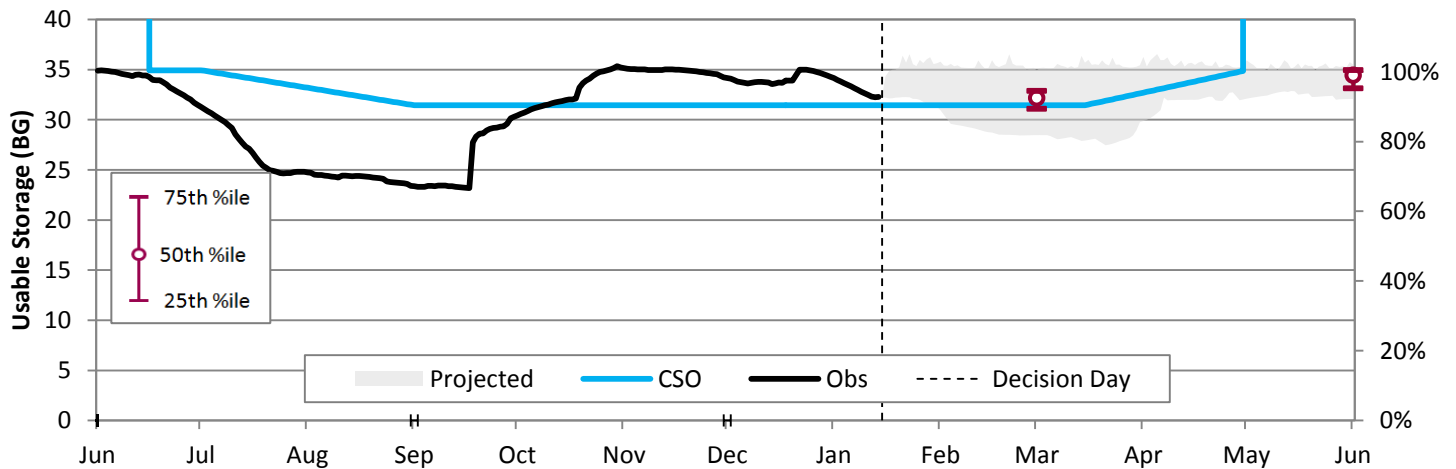
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-2-19

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	235,517 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	169,100 MG
-	Expected PCN Diversion Accumulated to Jun 1:	60,836 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	72,944 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	72,944 MG
÷	Number of Days to Distribute Release Quantity:	103 days
	Current PCN Release Target:	708 mgd
	=	1,096 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	87%	89%	L1
Pepacton	86%	87%	L1-c
Cannonsville	87%	89%	L1-c
Neversink	89%	91%	L1-b

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

L1 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L1-c	Cannonsville L1-c	Neversink L1-b	Total PCN
Table 4a	85	110	125	320
Table 4b	85	125	125	335
Table 4c	100	150	125	375
Table 4d	100	175	125	400
Table 4e	150	200	125	475
Table 4f	150	225	125	500
Table 4g	150	225	125	500

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-2-19

Discharge Mitigation Mass Balance

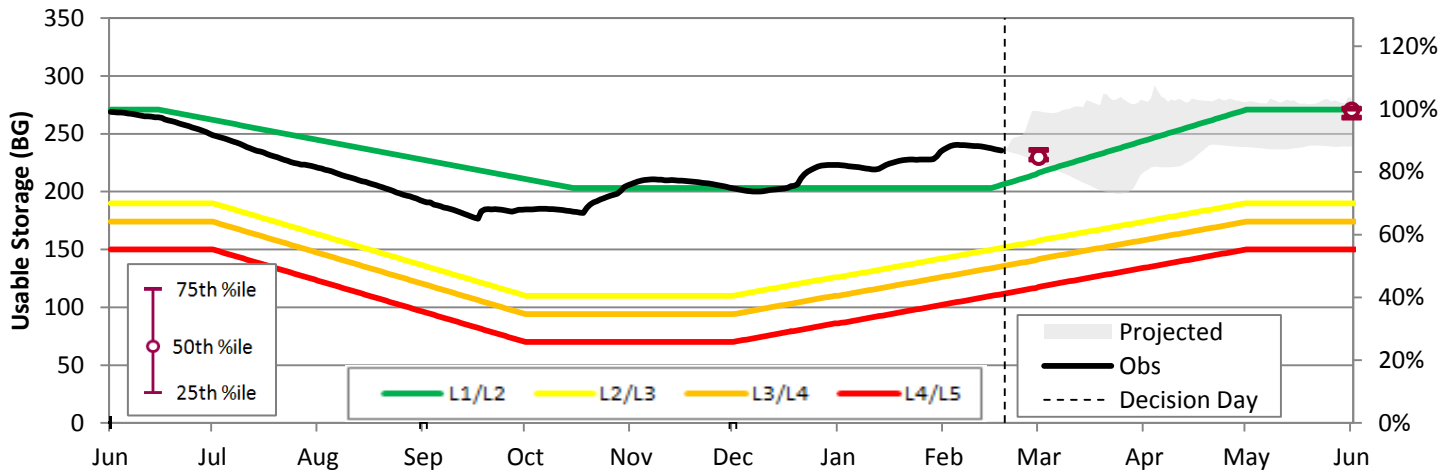
	Current PCN Usable Storage:	235,517 MG
+	Current PCN Snow Storage:	4,330 MG
+	PCN Inflow Forecast Accumulated 7 Days:	4,523 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	2,585 MG
-	Expected PCN Diversion Accumulated 7 Days:	8,833 MG
-	PCN Conditional Storage Objective:	243,753 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-2-19

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	225		225
Neversink	125		125
Total	500		500

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

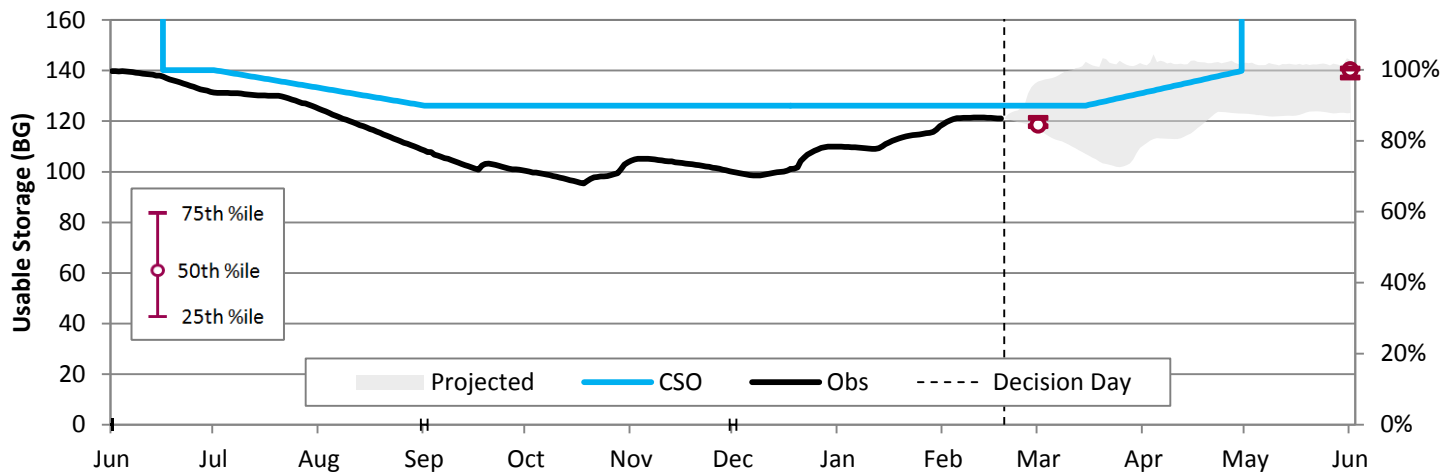
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,906
Total	1,906

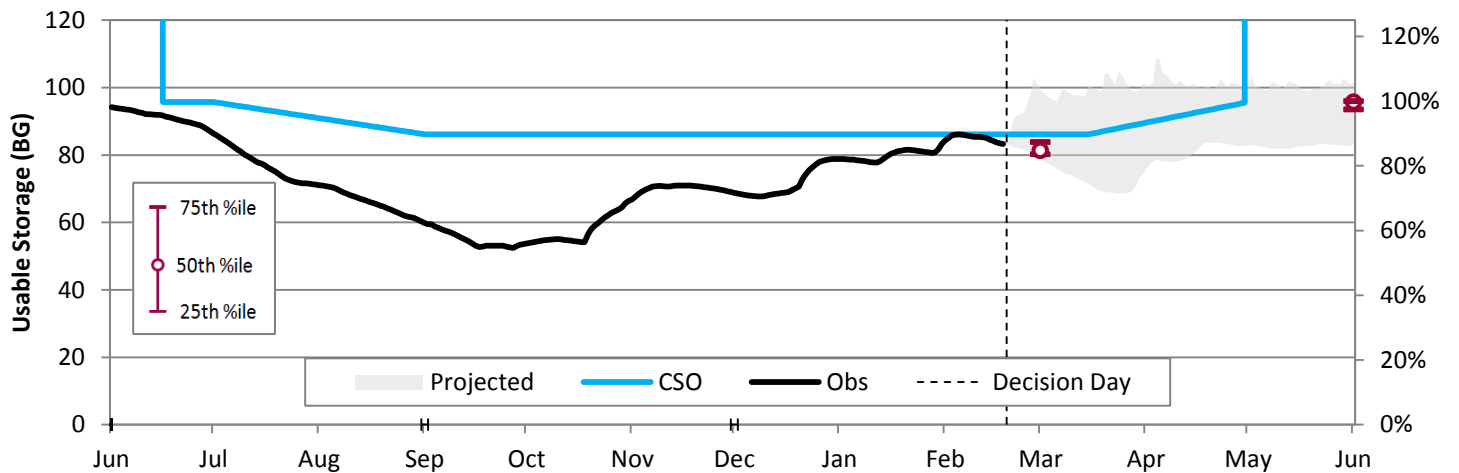
OST-FFMP Summary Page

Decision Day: 2013-2-19

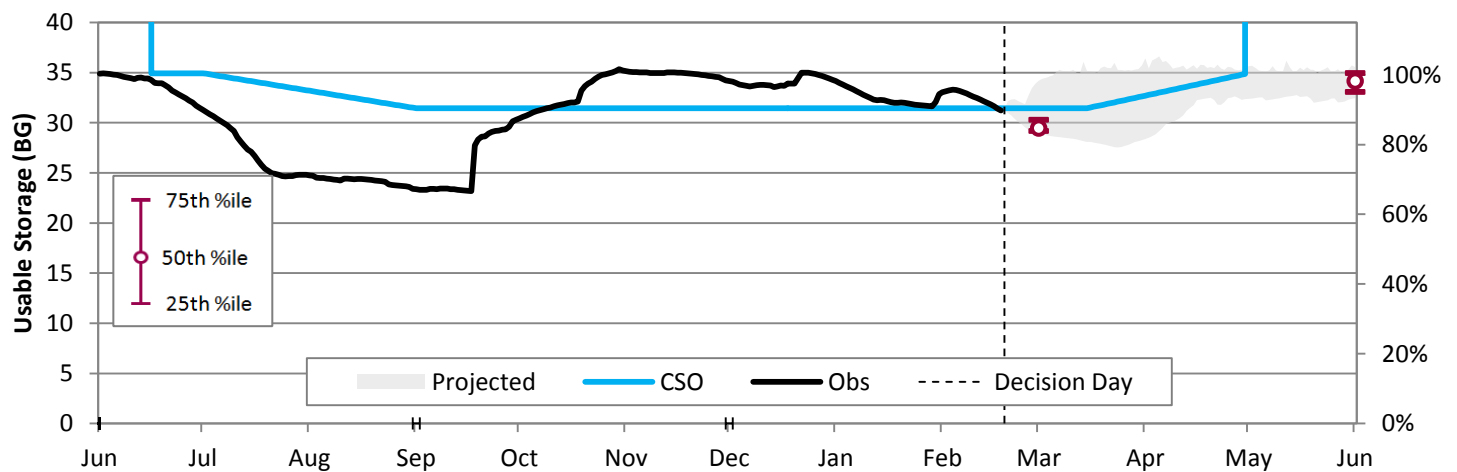
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-3-15

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	237,735 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	154,893 MG
-	Expected PCN Diversion Accumulated to Jun 1:	46,668 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	75,123 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	75,123 MG
÷	Number of Days to Distribute Release Quantity:	79 days
	Current PCN Release Target:	951 mgd
	=	1,471 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	88%	88%	L1
Pepacton	87%	88%	L1-c
Cannonsville	92%	92%	L1-b
Neversink	84%	87%	L1-c

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

L1 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L1-c	Cannonsville L1-b	Neversink L1-c	Total PCN
Table 4a	85	400	65	550
Table 4b	85	400	70	555
Table 4c	100	500	70	670
Table 4d	100	600	75	775
Table 4e	150	700	75	925
Table 4f	150	700	75	925
Table 4g	150	700	75	925

Selected Schedule: Table(s) 4e/4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-3-15

Discharge Mitigation Mass Balance

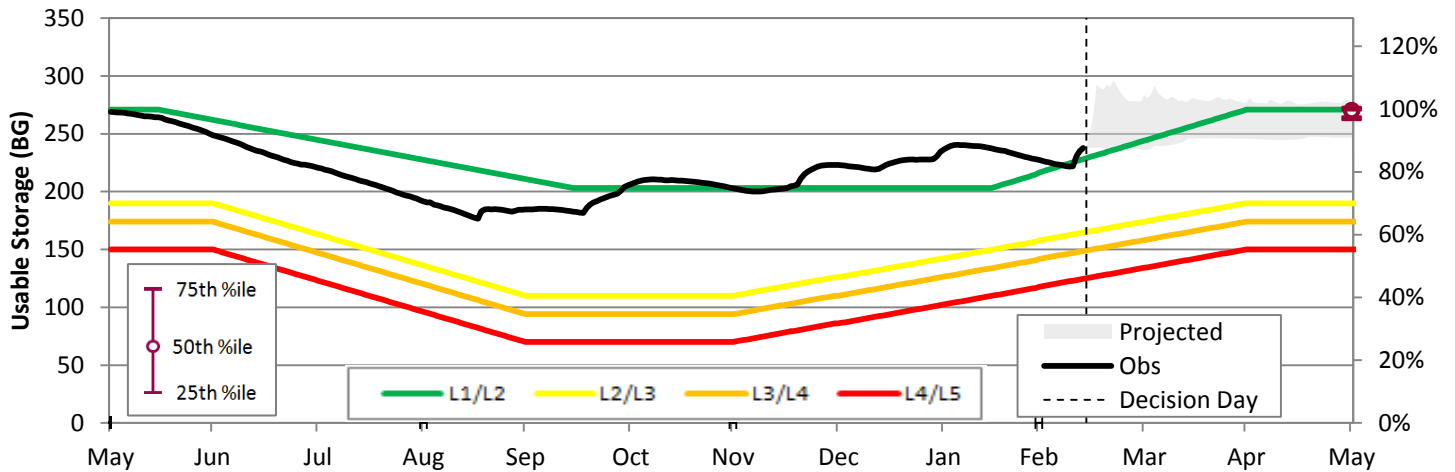
	Current PCN Usable Storage:	237,735 MG
+	Current PCN Snow Storage:	1,725 MG
+	PCN Inflow Forecast Accumulated 7 Days:	19,292 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	4,779 MG
-	Expected PCN Diversion Accumulated 7 Days:	301 MG
-	PCN Conditional Storage Objective:	243,753 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	9,919 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-3-15

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	700		700
Neversink	75		75
Total	925		925

General releases are at Table(s) 4e/4f/4g*

*Release rates are identical for the current storage zone

Comments

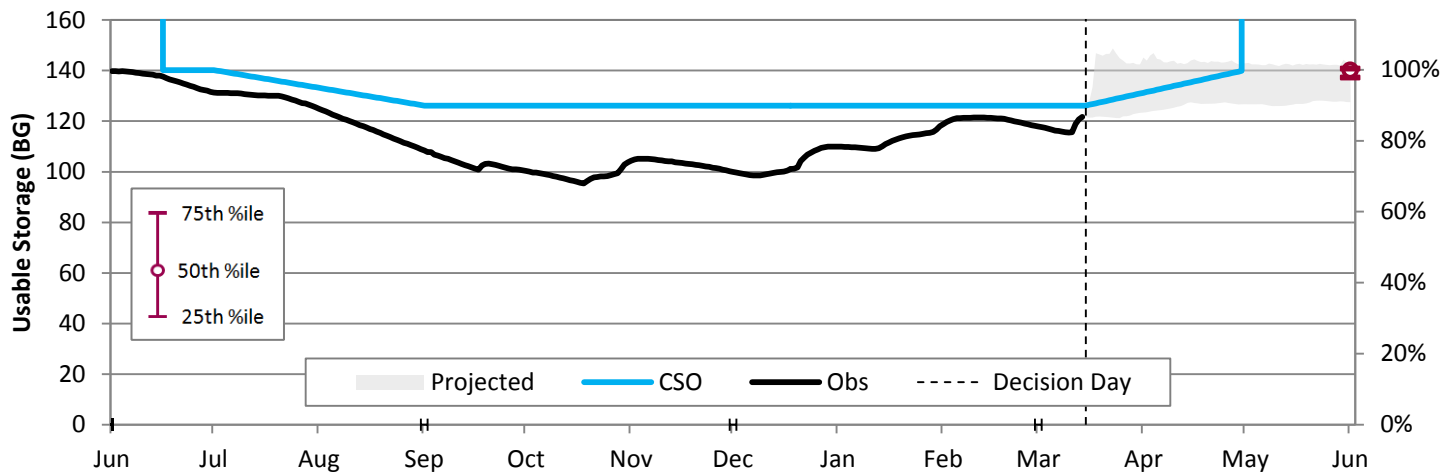
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

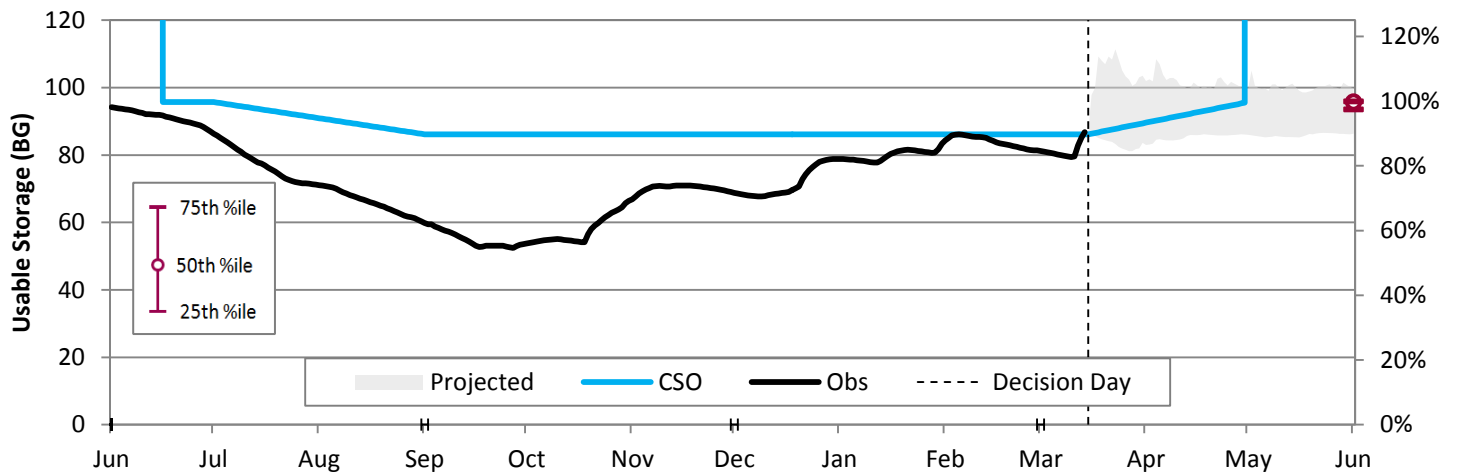
OST-FFMP Summary Page

Decision Day: 2013-3-15

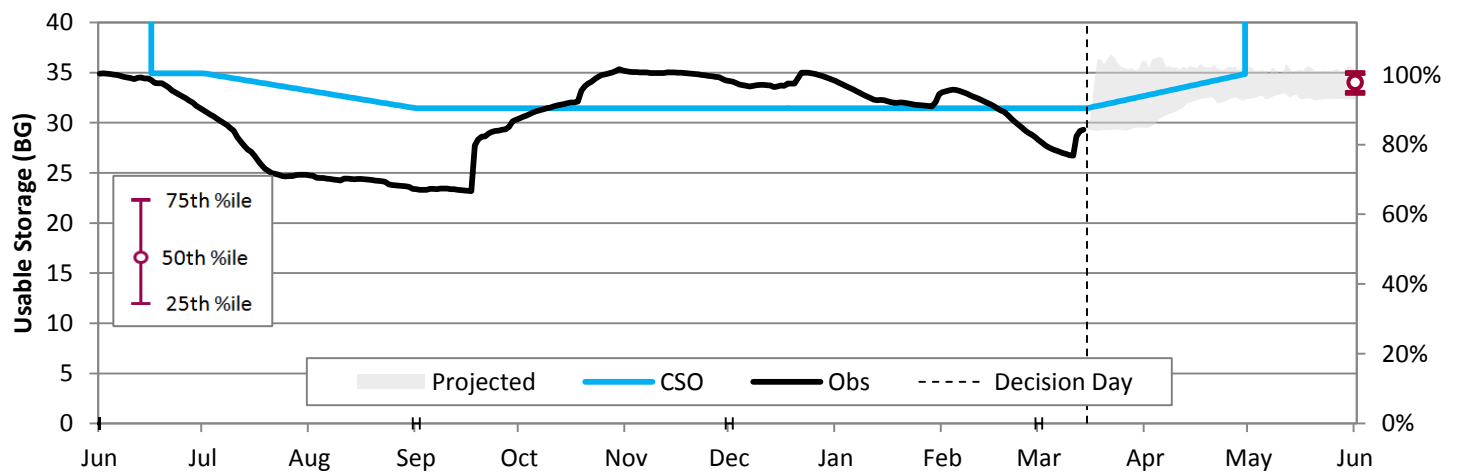
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-3-28

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	240,423 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	106,418 MG
-	Expected PCN Diversion Accumulated to Jun 1:	39,061 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	36,943 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	36,943 MG
÷	Number of Days to Distribute Release Quantity:	66 days
	Current PCN Release Target:	560 mgd
	=	866 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	89%	92%	L1
Pepacton	89%	91%	L1-c
Cannonsville	90%	94%	L1-b
Neversink	86%	91%	L1-c

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

L1 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L1-c	Cannonsville L1-b	Neversink L1-c	Total PCN
Table 4a	85	400	65	550
Table 4b	85	400	70	555
Table 4c	100	500	70	670
Table 4d	100	600	75	775
Table 4e	150	700	75	925
Table 4f	150	700	75	925
Table 4g	150	700	75	925

Selected Schedule: Table(s) 4d

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-3-28

Discharge Mitigation Mass Balance

	Current PCN Usable Storage:	240,423 MG
+	Current PCN Snow Storage:	8,615 MG
+	PCN Inflow Forecast Accumulated 7 Days:	10,463 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	4,007 MG
-	Expected PCN Diversion Accumulated 7 Days:	2,111 MG
-	PCN Conditional Storage Objective:	251,245 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	2,138 MG

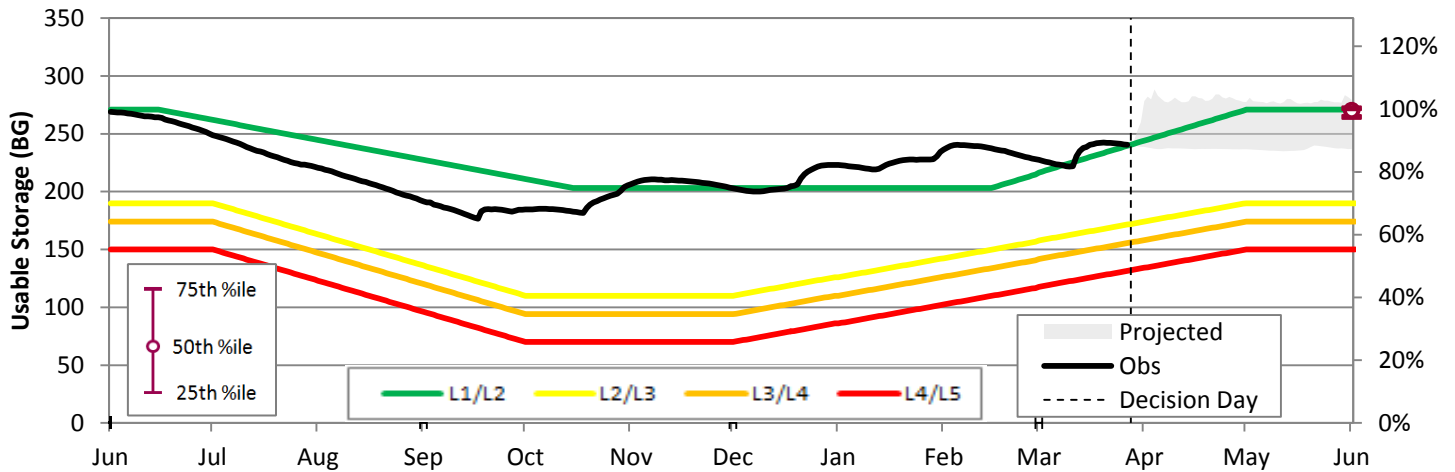
Comments

Releases will be made at the Table 4e rate to allow for only one level table change at a time.

OST-FFMP Summary Page

Decision Day: 2013-3-28

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	100		100
Cannonsville	600		600
Neversink	75		75
Total	775		775

General releases are at Table(s) 4d

Comments

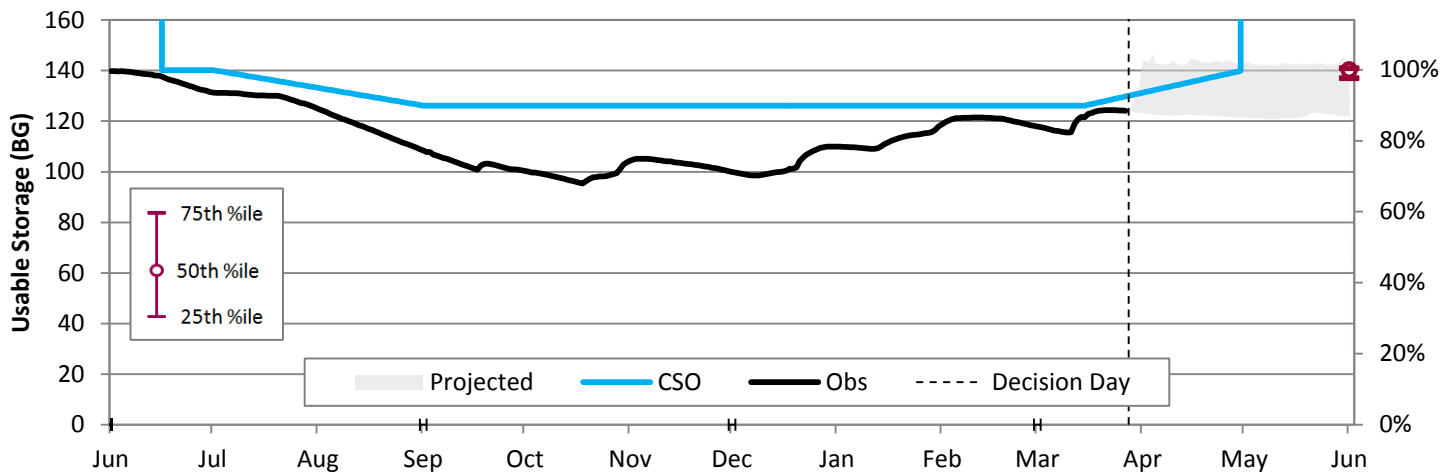
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

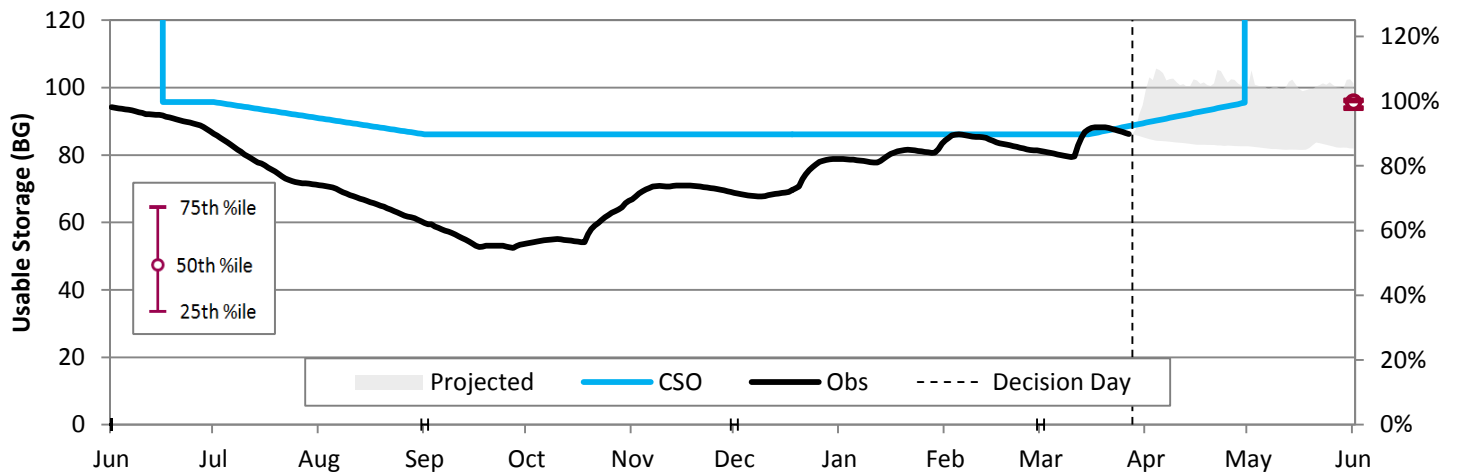
OST-FFMP Summary Page

Decision Day: 2013-3-28

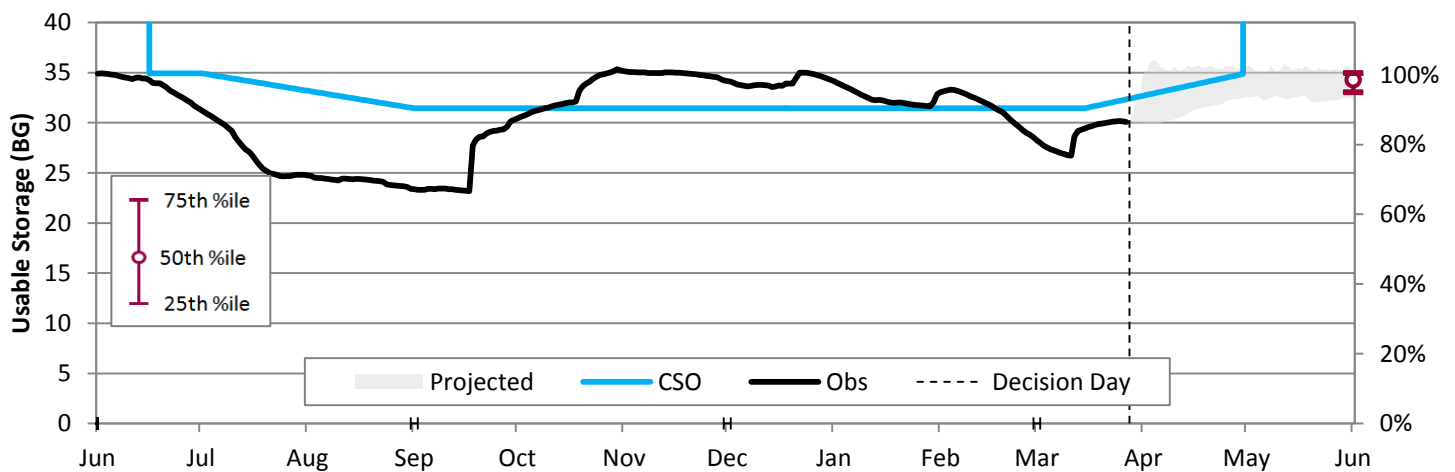
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-4-2

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	238,996 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	89,147 MG
-	Expected PCN Diversion Accumulated to Jun 1:	36,135 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	21,172 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	21,172 MG
÷	Number of Days to Distribute Release Quantity:	61 days
	Current PCN Release Target:	347 mgd
	=	537 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	88%	90%	L2
Pepacton	88%	89%	L2
Cannonsville	89%	91%	L2-a
Neversink	88%	91%	L2

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

L2 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	50	75	35	160
Table 4b	55	85	40	180
Table 4c	60	140	45	245
Table 4d	70	175	50	295
Table 4e	80	200	50	330
Table 4f	100	400	55	555
Table 4g	100	400	55	555

Selected Schedule: Table(s) 4e

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-4-2

Discharge Mitigation Mass Balance

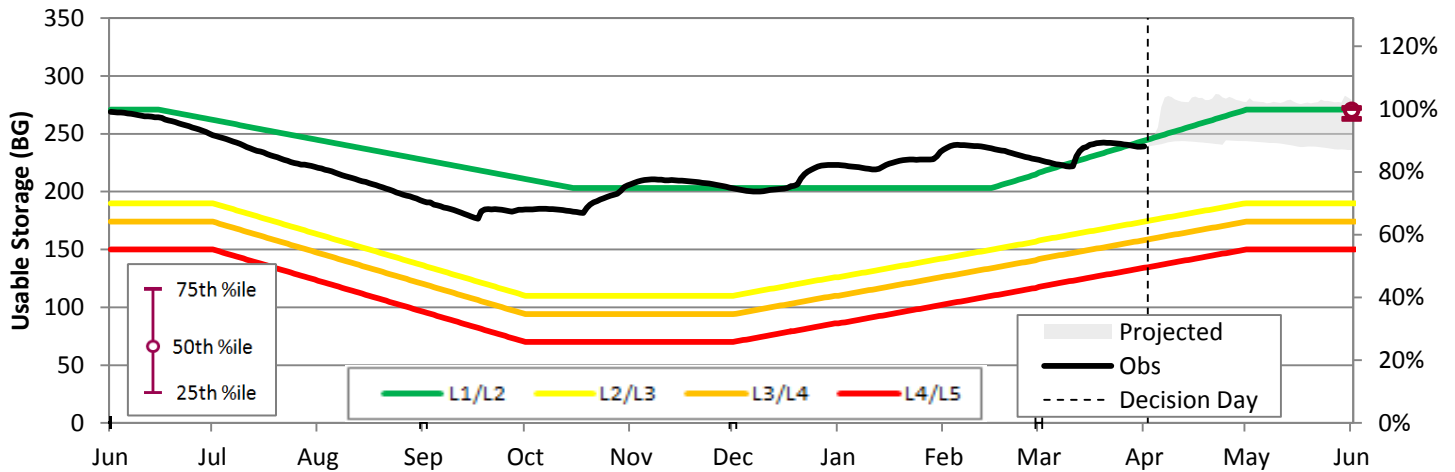
	Current PCN Usable Storage:	238,996 MG
+	Current PCN Snow Storage:	3,775 MG
+	PCN Inflow Forecast Accumulated 7 Days:	12,320 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	1,704 MG
-	Expected PCN Diversion Accumulated 7 Days:	1,549 MG
-	PCN Conditional Storage Objective:	254,126 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-4-2

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	80		80
Cannonsville	200		200
Neversink	50		50
Total	330		330

General releases are at Table(s) 4e

Comments

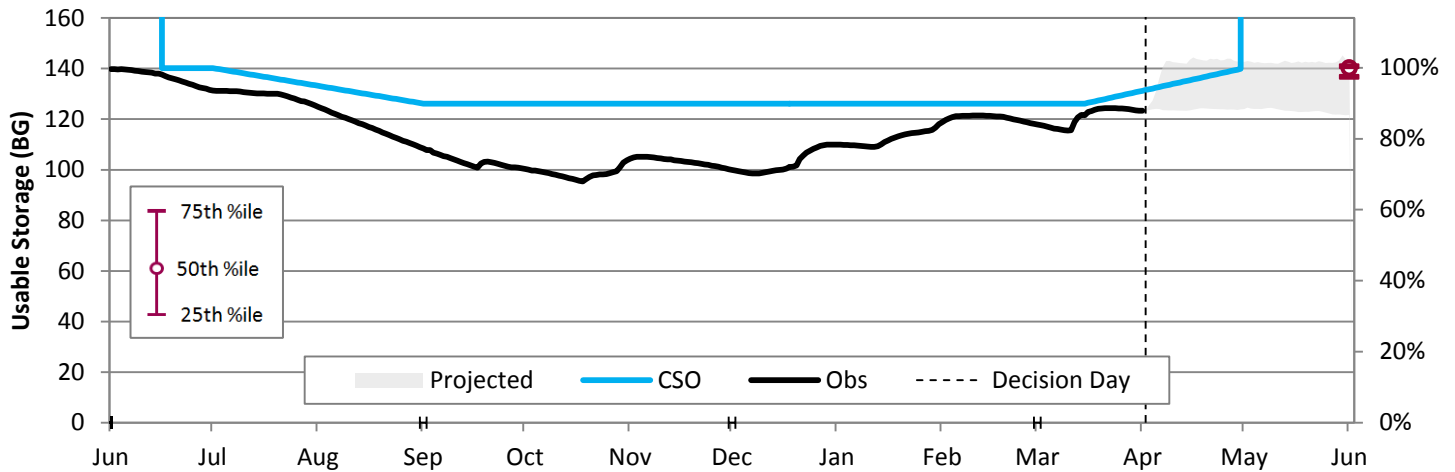
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

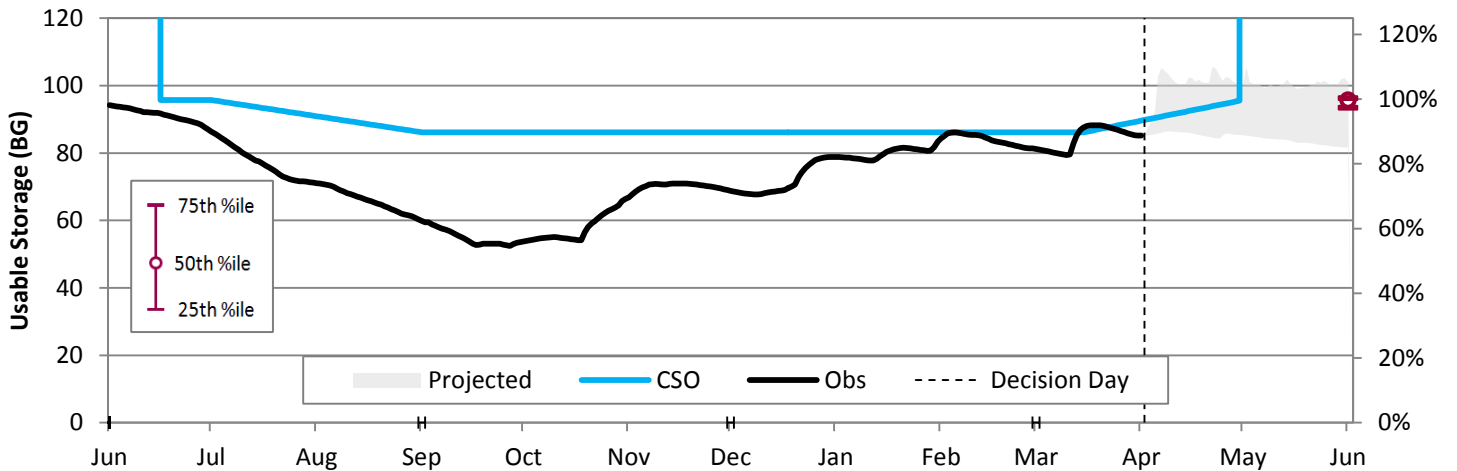
OST-FFMP Summary Page

Decision Day: 2013-4-2

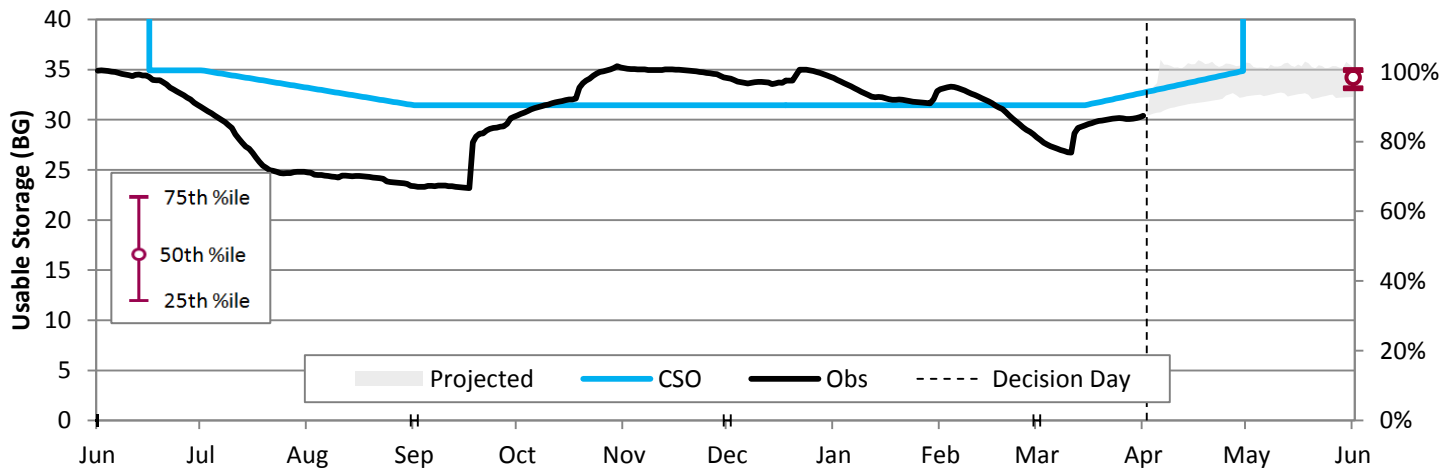
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-4-8

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	239,541 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	73,081 MG
-	Expected PCN Diversion Accumulated to Jun 1:	32,623 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	9,162 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	9,162 MG
÷	Number of Days to Distribute Release Quantity:	55 days
	Current PCN Release Target:	167 mgd
	=	258 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	88%	89%	L2
Pepacton	88%	89%	L2
Cannonsville	90%	90%	L2-a
Neversink	89%	90%	L2

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

L2 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	50	75	35	160
Table 4b	55	85	40	180
Table 4c	60	140	45	245
Table 4d	70	175	50	295
Table 4e	80	200	50	330
Table 4f	100	400	55	555
Table 4g	100	400	55	555

Selected Schedule: Table(s) 4c

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-4-8

Discharge Mitigation Mass Balance

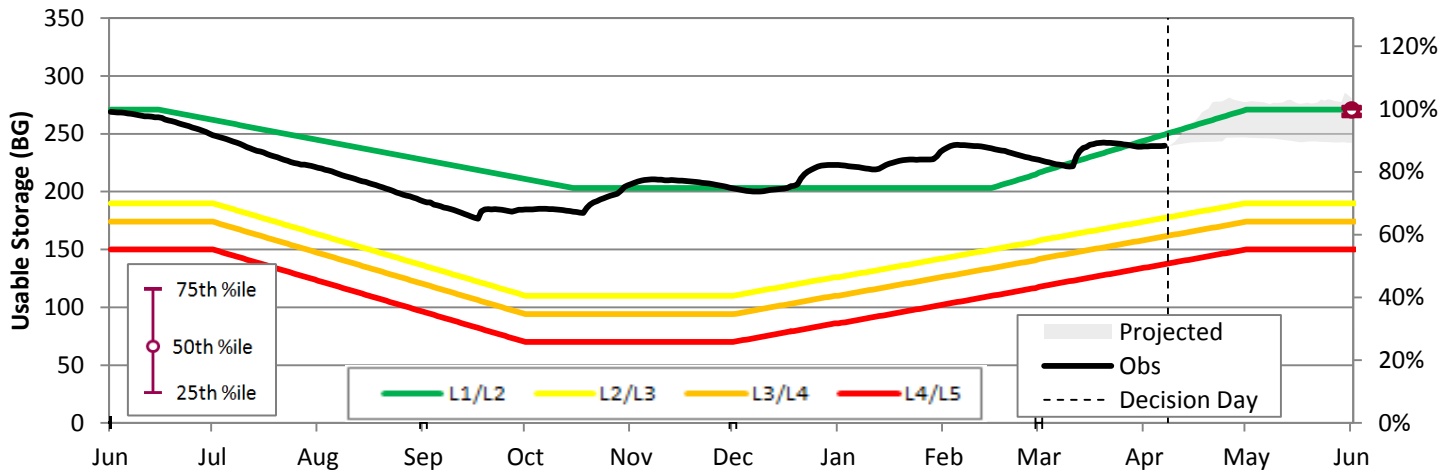
	Current PCN Usable Storage:	239,541 MG
+	Current PCN Snow Storage:	1,050 MG
+	PCN Inflow Forecast Accumulated 7 Days:	8,766 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	1,267 MG
-	Expected PCN Diversion Accumulated 7 Days:	397 MG
-	PCN Conditional Storage Objective:	257,583 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-4-8

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	60		60
Cannonsville	140		140
Neversink	45		45
Total	245		245

General releases are at Table(s) 4c

Comments

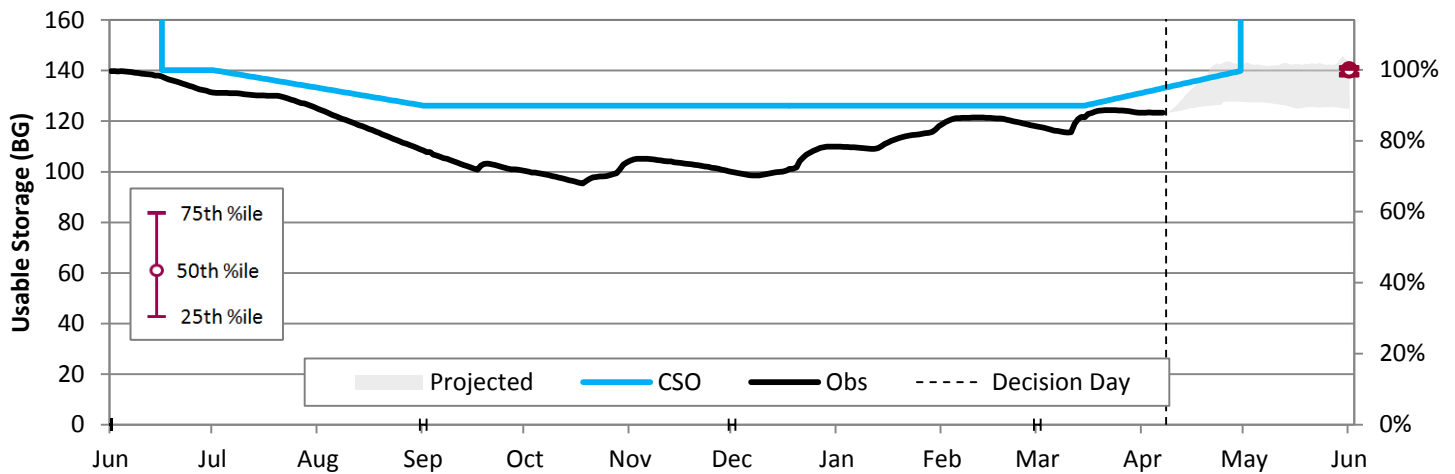
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

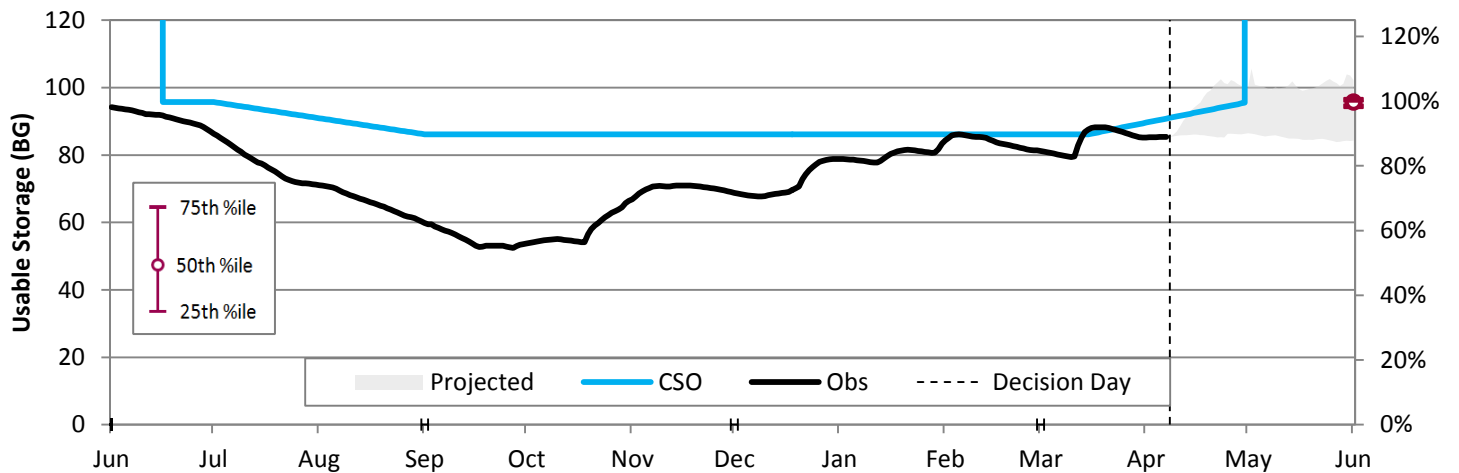
OST-FFMP Summary Page

Decision Day: 2013-4-8

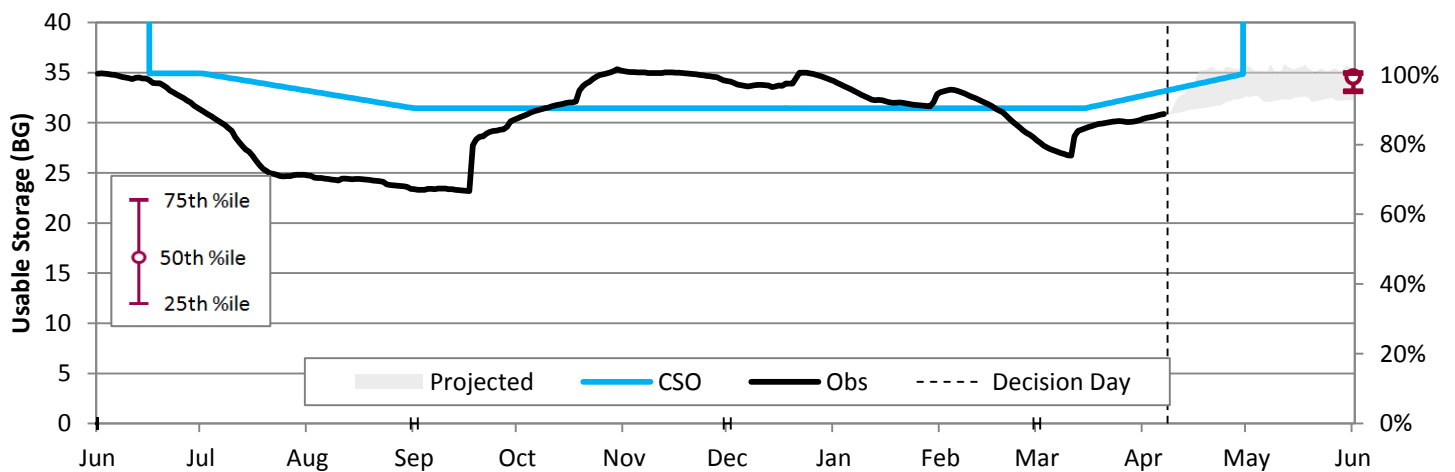
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-4-15

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	250,106 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	65,420 MG
-	Expected PCN Diversion Accumulated to Jun 1:	28,527 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	16,162 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	16,162 MG
÷	Number of Days to Distribute Release Quantity:	48 days
	Current PCN Release Target:	337 mgd
	=	521 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	92%	92%	L2
Pepacton	91%	91%	L2
Cannonsville	95%	95%	L2-a
Neversink	95%	95%	L2

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

L2 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	50	75	35	160
Table 4b	55	85	40	180
Table 4c	60	140	45	245
Table 4d	70	175	50	295
Table 4e	80	200	50	330
Table 4f	100	400	55	555
Table 4g	100	400	55	555

Selected Schedule: Table(s) 4e

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-4-15

Discharge Mitigation Mass Balance

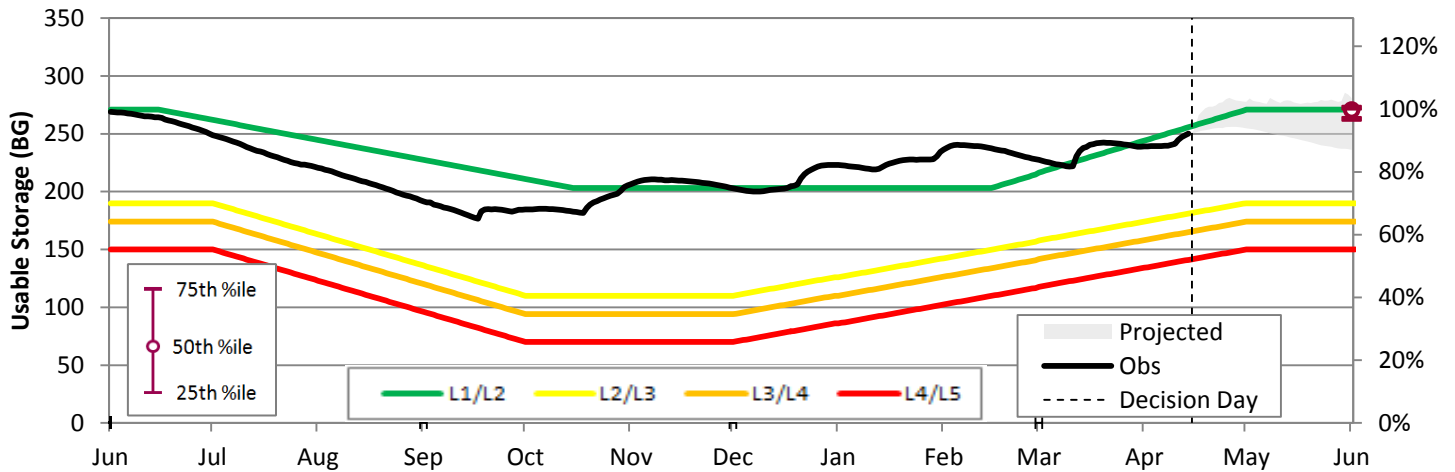
	Current PCN Usable Storage:	250,106 MG
+	Current PCN Snow Storage:	90 MG
+	PCN Inflow Forecast Accumulated 7 Days:	14,334 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	1,706 MG
-	Expected PCN Diversion Accumulated 7 Days:	1,674 MG
-	PCN Conditional Storage Objective:	261,617 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-4-15

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	80		80
Cannonsville	200		200
Neversink	50		50
Total	330		330

General releases are at Table(s) 4e

Comments

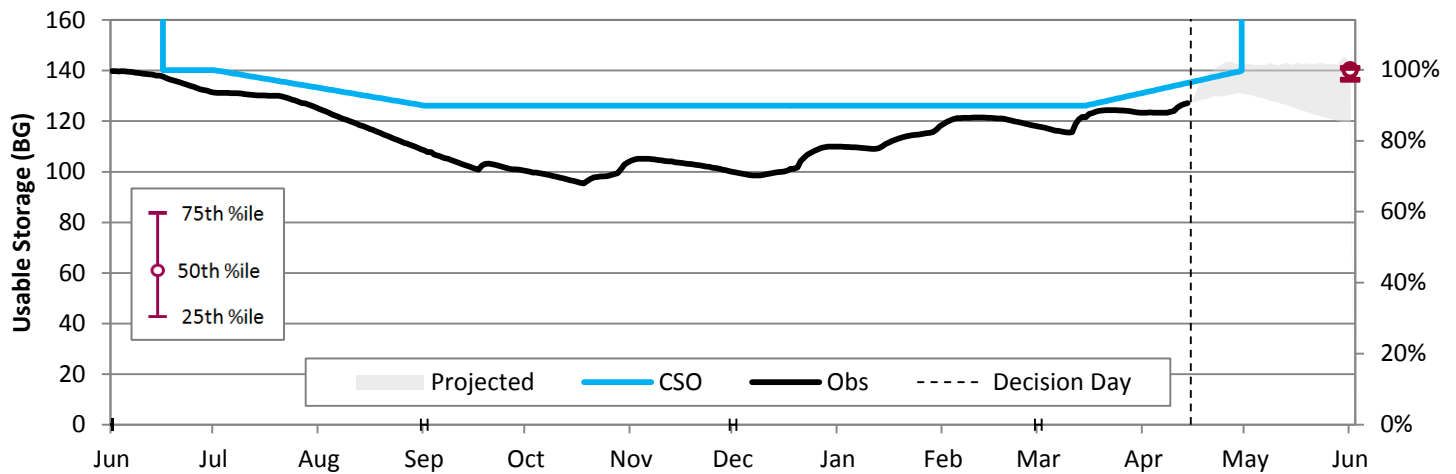
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

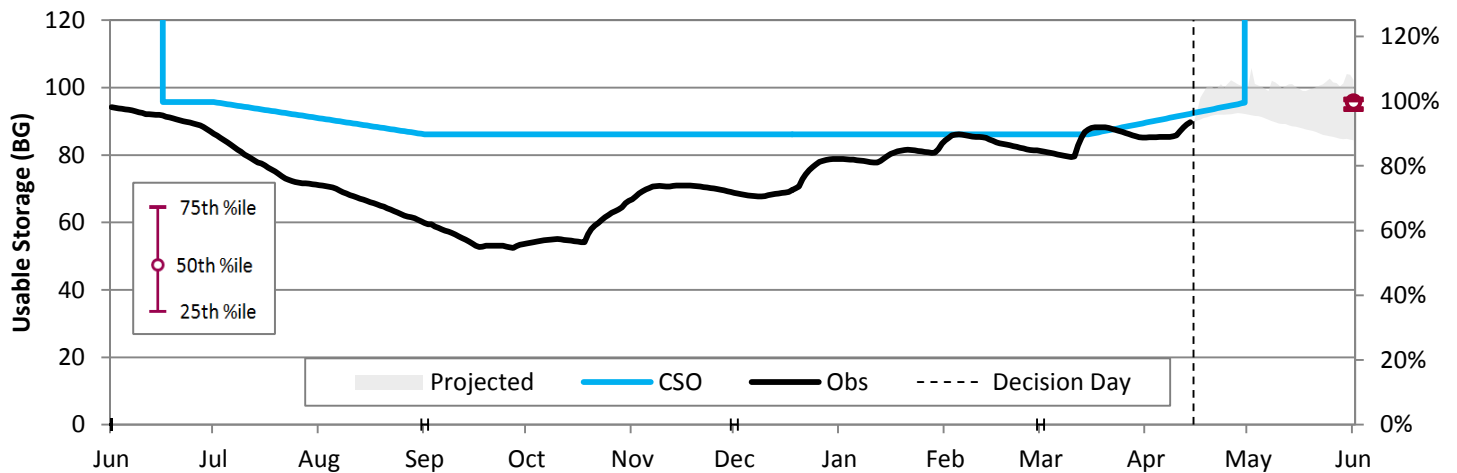
OST-FFMP Summary Page

Decision Day: 2013-4-15

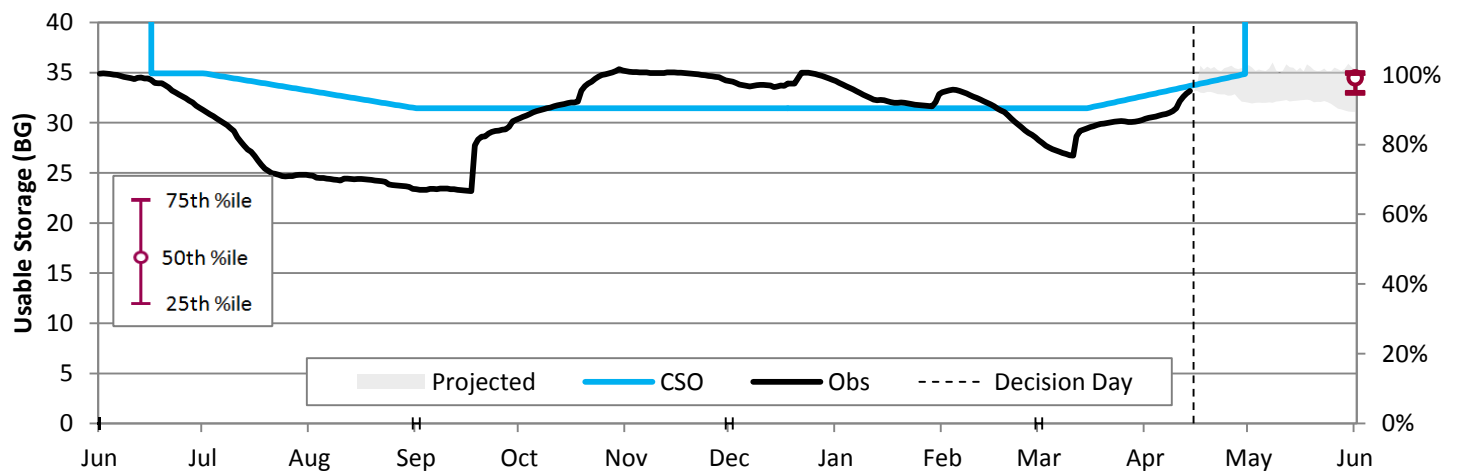
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-4-22

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	259,290 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	60,111 MG
-	Expected PCN Diversion Accumulated to Jun 1:	24,431 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	24,134 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	24,134 MG
÷	Number of Days to Distribute Release Quantity:	41 days
	Current PCN Release Target:	589 mgd
	=	911 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	96%	n/a	L2
Pepacton	95%	n/a	L2
Cannonsville	99%	n/a	L2-a
Neversink	99%	n/a	L2

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

L2 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	50	75	35	160
Table 4b	55	85	40	180
Table 4c	60	140	45	245
Table 4d	70	175	50	295
Table 4e	80	200	50	330
Table 4f	100	400	55	555
Table 4g	100	400	55	555

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-4-22

Discharge Mitigation Mass Balance

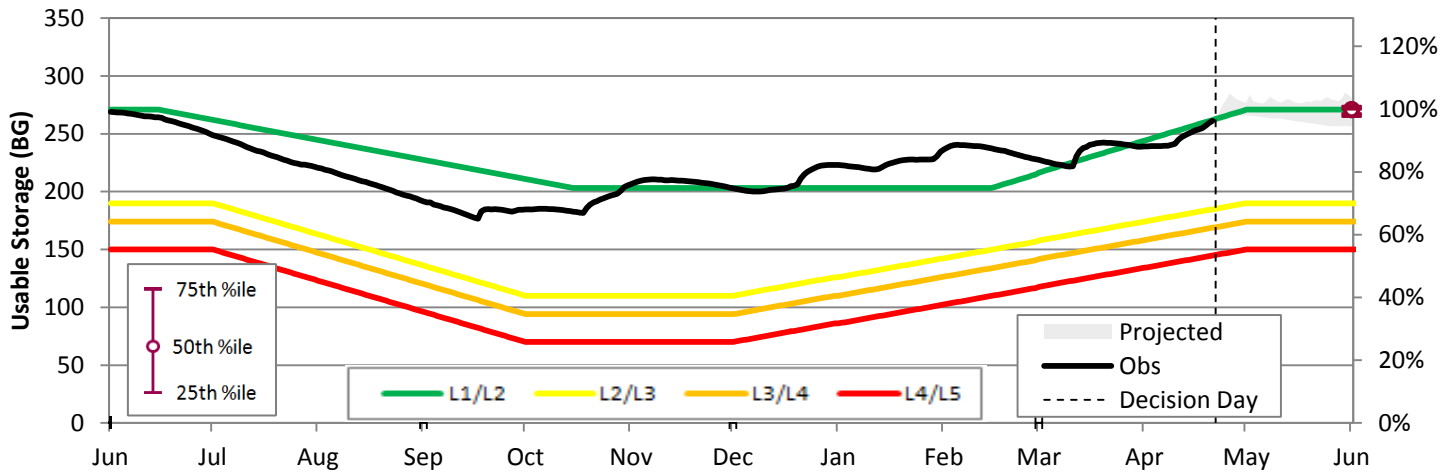
	Current PCN Usable Storage:	259,290 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	17,145 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	2,870 MG
-	Expected PCN Diversion Accumulated 7 Days:	711 MG
-	PCN Conditional Storage Objective:	265,651 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	7,203 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-4-22

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	100		100
Cannonsville	400		400
Neversink	55		55
Total	555		555

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

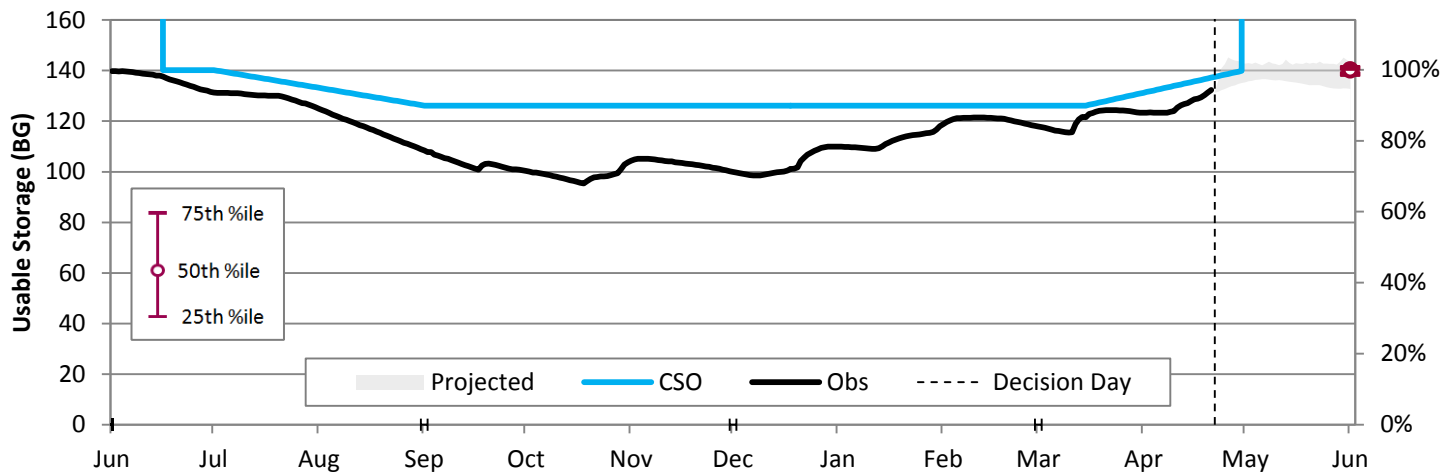
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

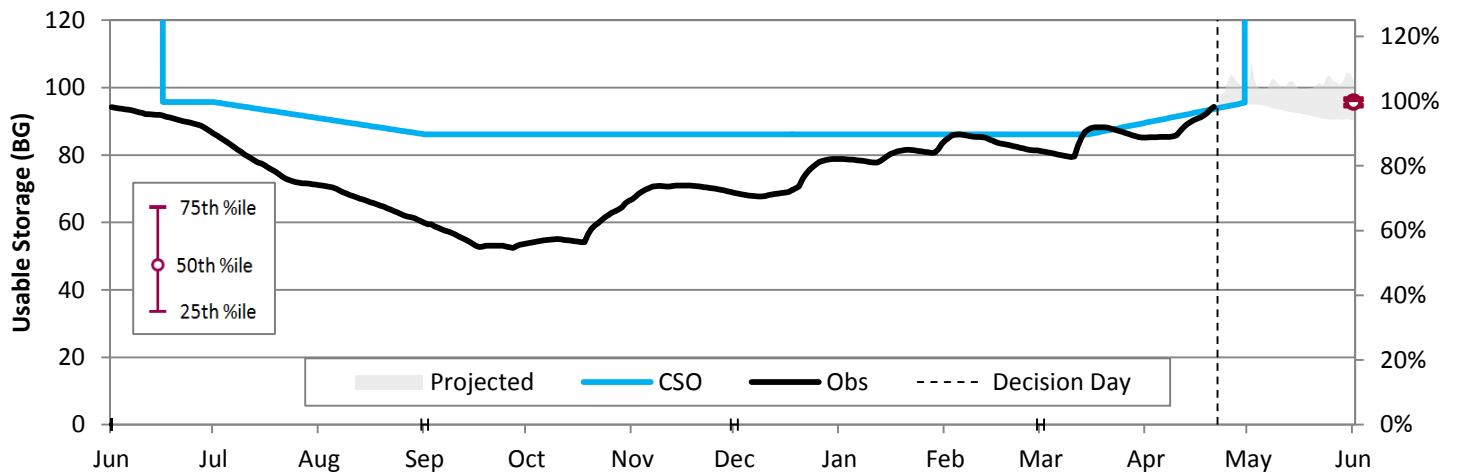
OST-FFMP Summary Page

Decision Day: 2013-4-22

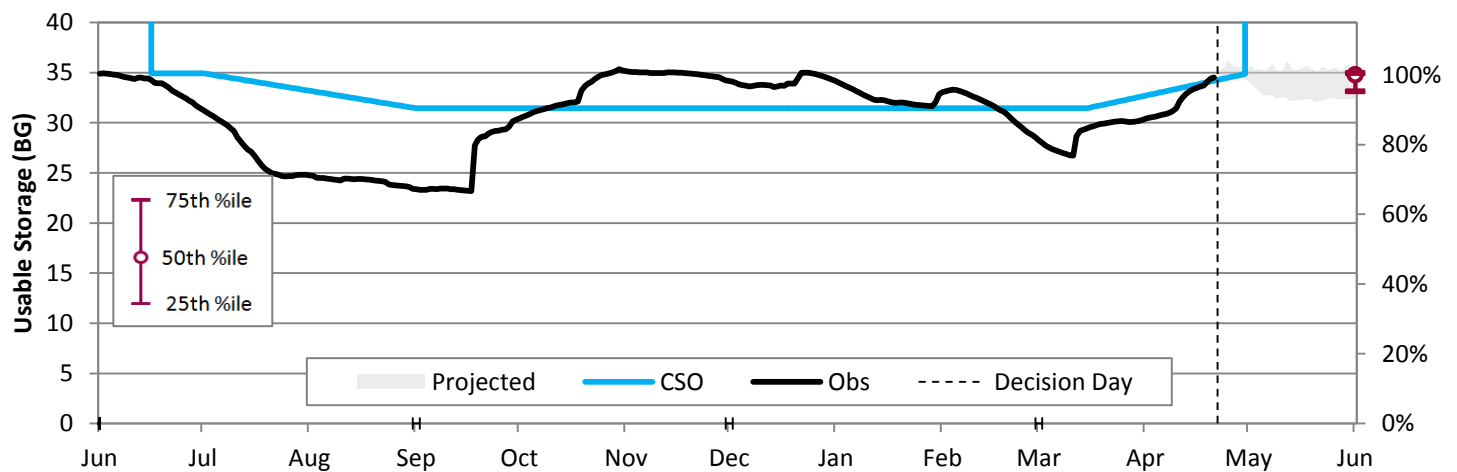
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-4-29

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	259,290 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	40,561 MG
-	Expected PCN Diversion Accumulated to Jun 1:	20,334 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	8,680 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	8,680 MG
÷	Number of Days to Distribute Release Quantity:	34 days
	Current PCN Release Target:	255 mgd
	=	395 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	96%	n/a	L2
Pepacton	94%	n/a	L2
Cannonsville	99%	n/a	L2-a
Neversink	99%	n/a	L2

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

L2 Storage Zone, Winter Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	50	75	35	160
Table 4b	55	85	40	180
Table 4c	60	140	45	245
Table 4d	70	175	50	295
Table 4e	80	200	50	330
Table 4f	100	400	55	555
Table 4g	100	400	55	555

Selected Schedule: Table(s) 4e

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-4-29

Discharge Mitigation Mass Balance

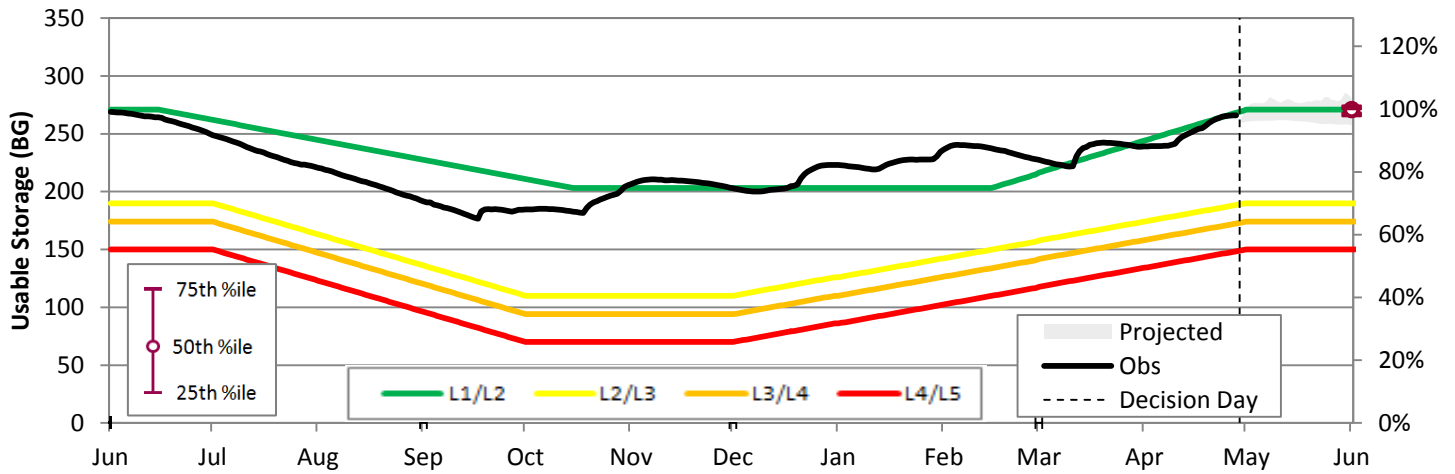
	Current PCN Usable Storage:	259,290 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	12,662 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	1,706 MG
-	Expected PCN Diversion Accumulated 7 Days:	1,035 MG
-	PCN Conditional Storage Objective:	269,685 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-4-29

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	80		80
Cannonsville	200		200
Neversink	50		50
Total	330		330

General releases are at Table(s) 4e

Comments

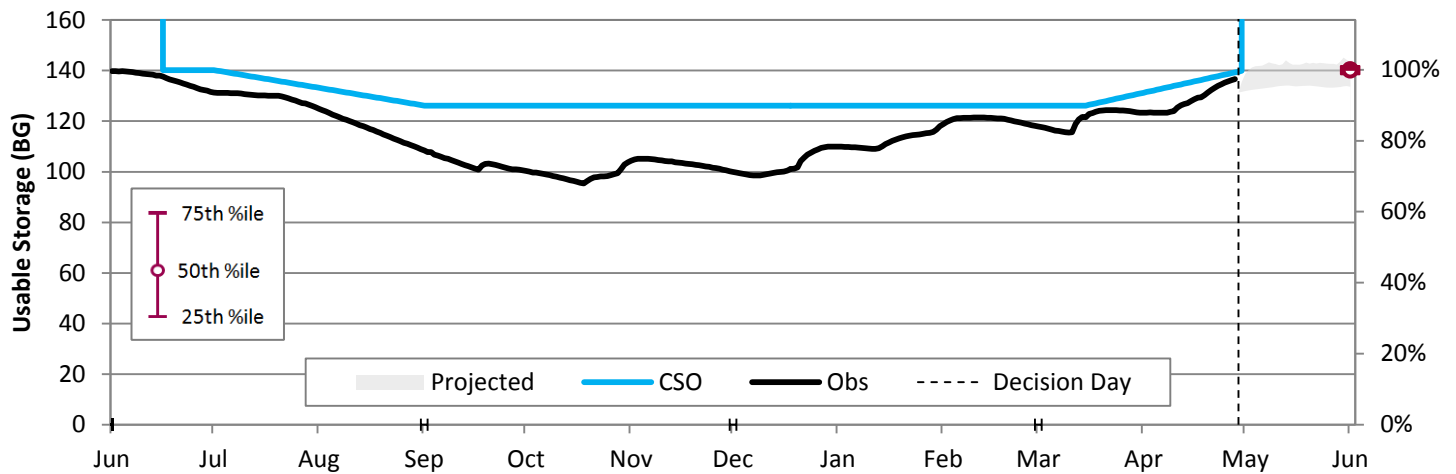
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

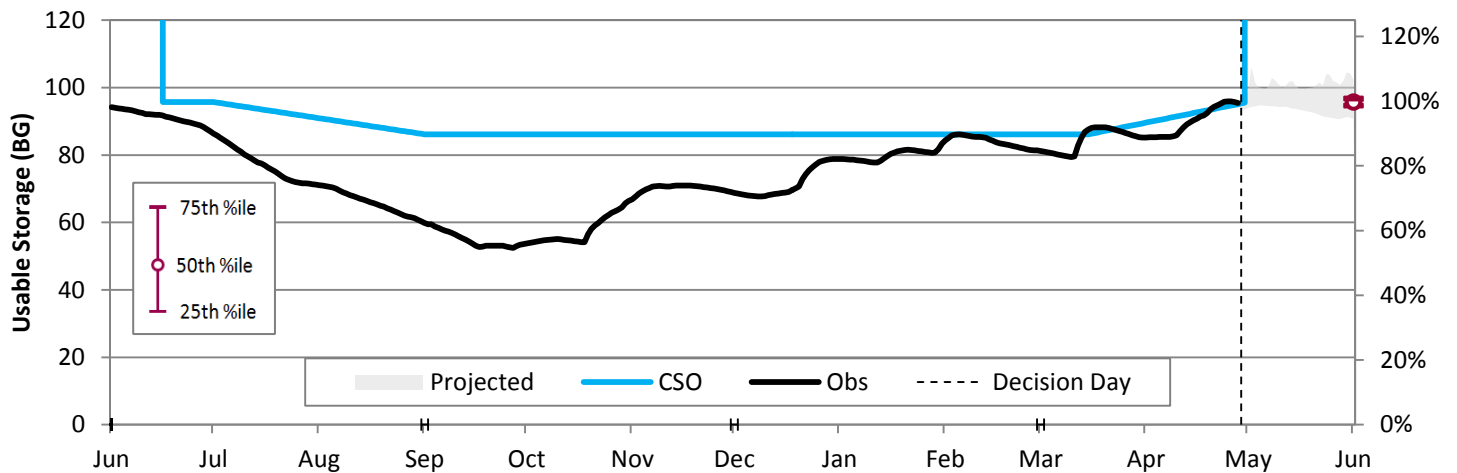
OST-FFMP Summary Page

Decision Day: 2013-4-29

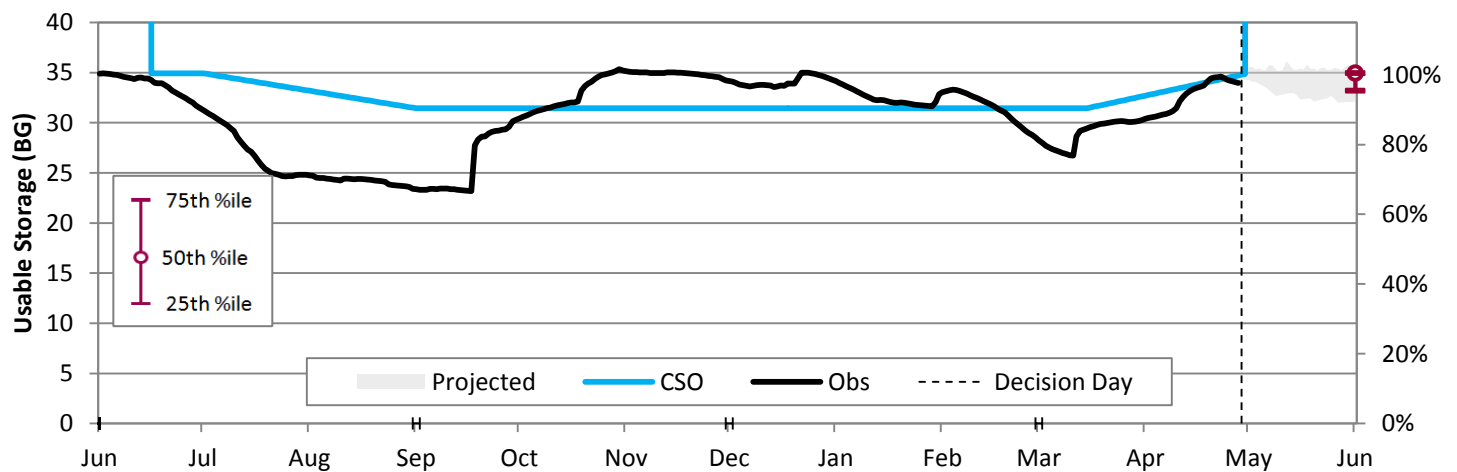
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-5-2

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	265,789 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	30,867 MG
-	Expected PCN Diversion Accumulated to Jun 1:	18,566 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	7,253 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	7,253 MG
÷	Number of Days to Distribute Release Quantity:	31 days
	Current PCN Release Target:	234 mgd
	=	362 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	98%	n/a	L2
Pepacton	98%	n/a	L2
Cannonsville	100%	n/a	L2-a
Neversink	96%	n/a	L2

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

L2 Storage Zone, Spring Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	75	150	55	280
Table 4b	75	160	60	295
Table 4c	85	175	65	325
Table 4d	90	225	70	385
Table 4e	100	250	75	425
Table 4f	100	400	90	590
Table 4g	100	400	90	590

Selected Schedule: Table(s) 4c

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-5-2

Discharge Mitigation Mass Balance

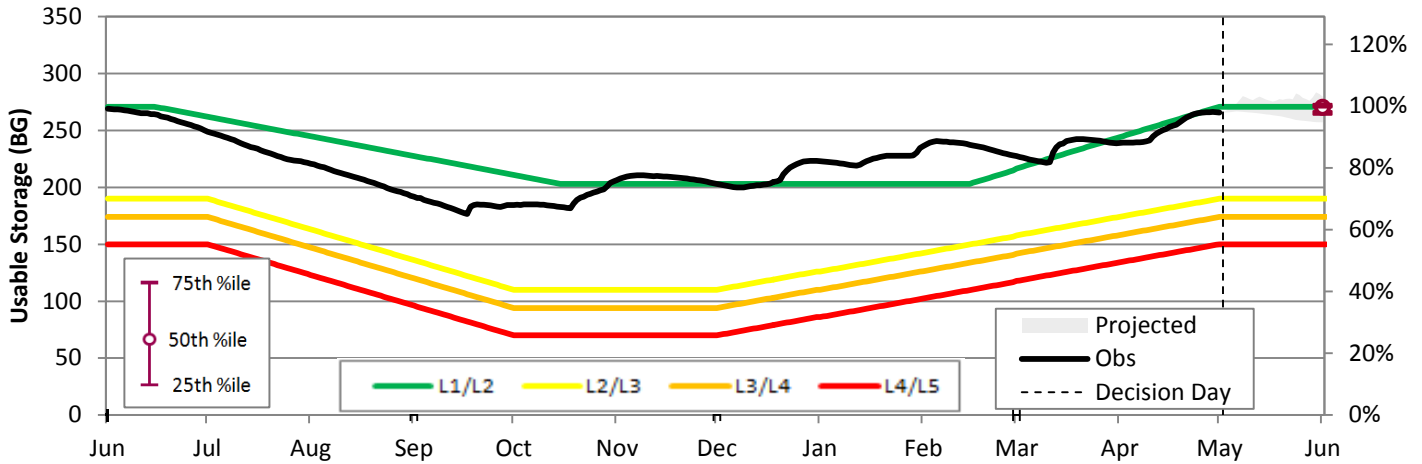
	Current PCN Usable Storage:	265,789 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	5,671 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	1,680 MG
-	Expected PCN Diversion Accumulated 7 Days:	1,184 MG
-	PCN Conditional Storage Objective:	270,837 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-5-2

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	85		85
Cannonsville	175		175
Neversink	65		65
Total	325		325

General releases are at Table(s) 4c

Comments

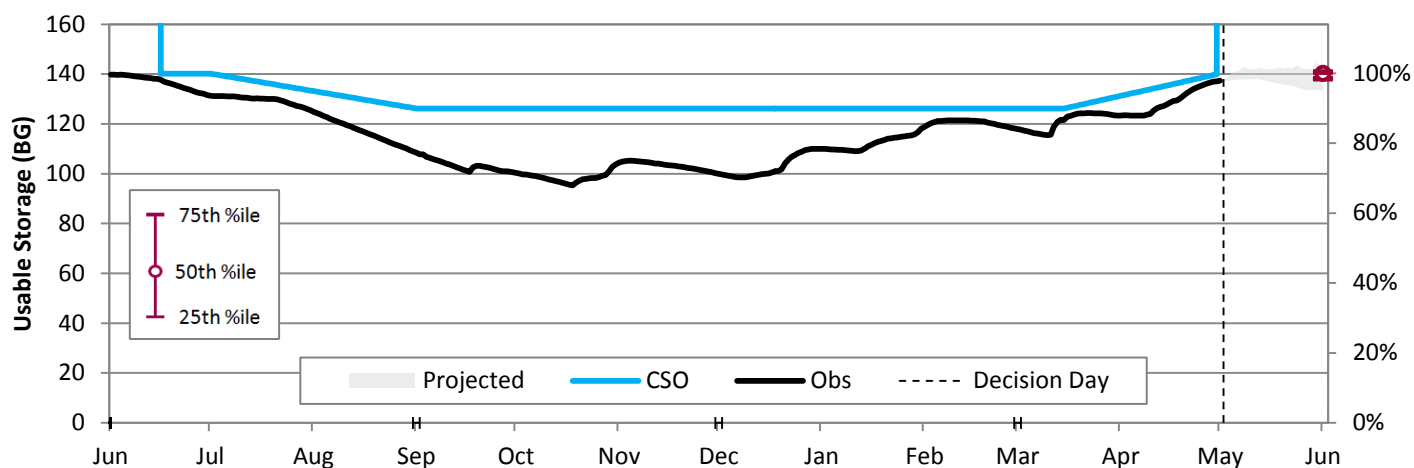
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

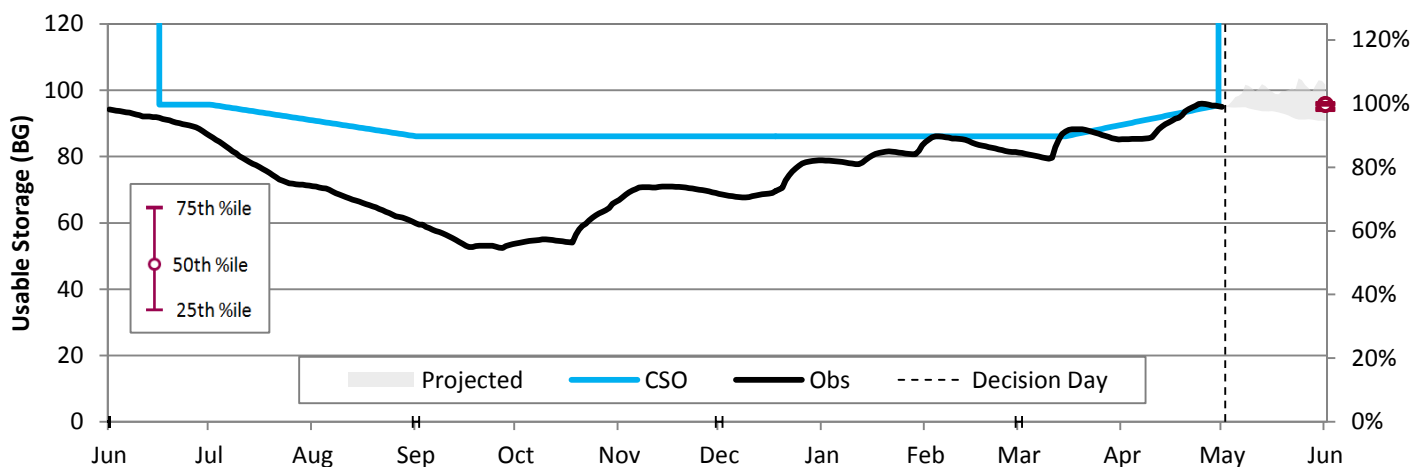
OST-FFMP Summary Page

Decision Day: 2013-5-2

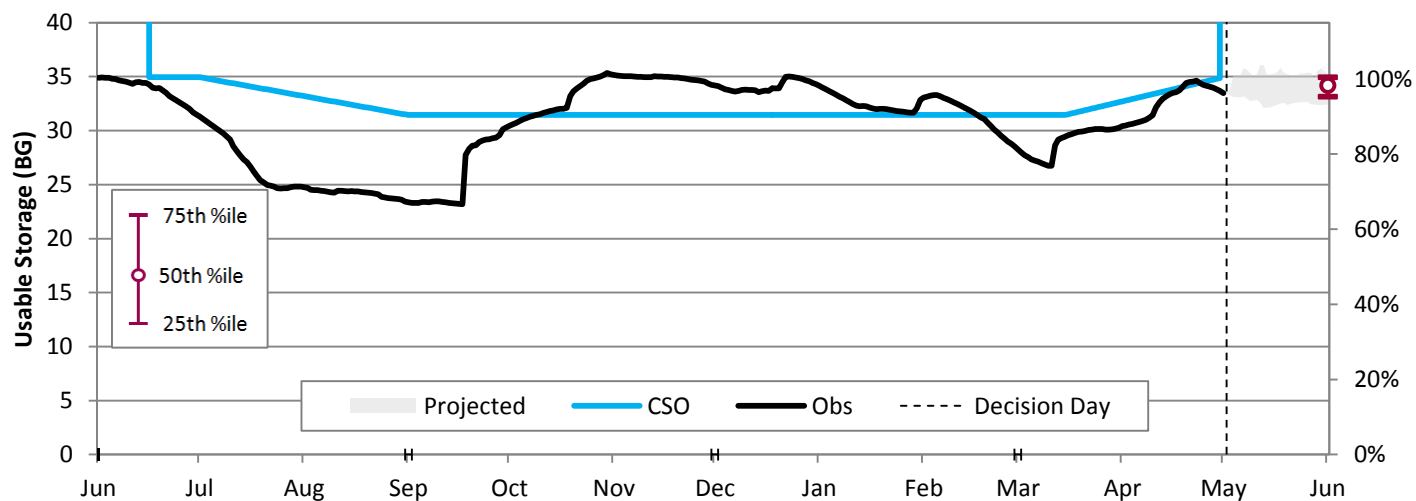
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-5-9

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	265,182 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	21,185 MG
-	Expected PCN Diversion Accumulated to Jun 1:	14,384 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	1,147 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	1,147 MG
÷	Number of Days to Distribute Release Quantity:	30 days
	Current PCN Release Target:	38 mgd
	=	59 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	98%	n/a	L2
Pepacton	98%	n/a	L2
Cannonsville	99%	n/a	L2-a
Neversink	96%	n/a	L2

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

L2 Storage Zone, Spring Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	75	150	55	280
Table 4b	75	160	60	295
Table 4c	85	175	65	325
Table 4d	90	225	70	385
Table 4e	100	250	75	425
Table 4f	100	400	90	590
Table 4g	100	400	90	590

Selected Schedule: Table(s) 4a

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-5-9

Discharge Mitigation Mass Balance

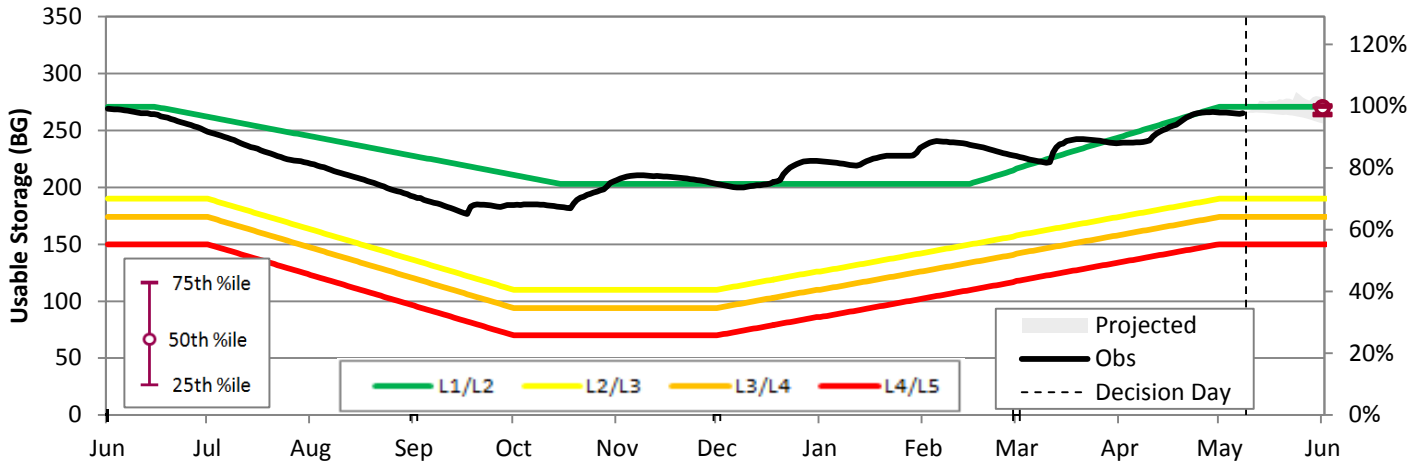
	Current PCN Usable Storage:	265,182 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	6,780 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	1,448 MG
-	Expected PCN Diversion Accumulated 7 Days:	1,854 MG
-	PCN Conditional Storage Objective:	270,837 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-5-9

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	75		75
Cannonsville	150		150
Neversink	55		55
Total	280		280

General releases are at Table(s) 4a

Comments

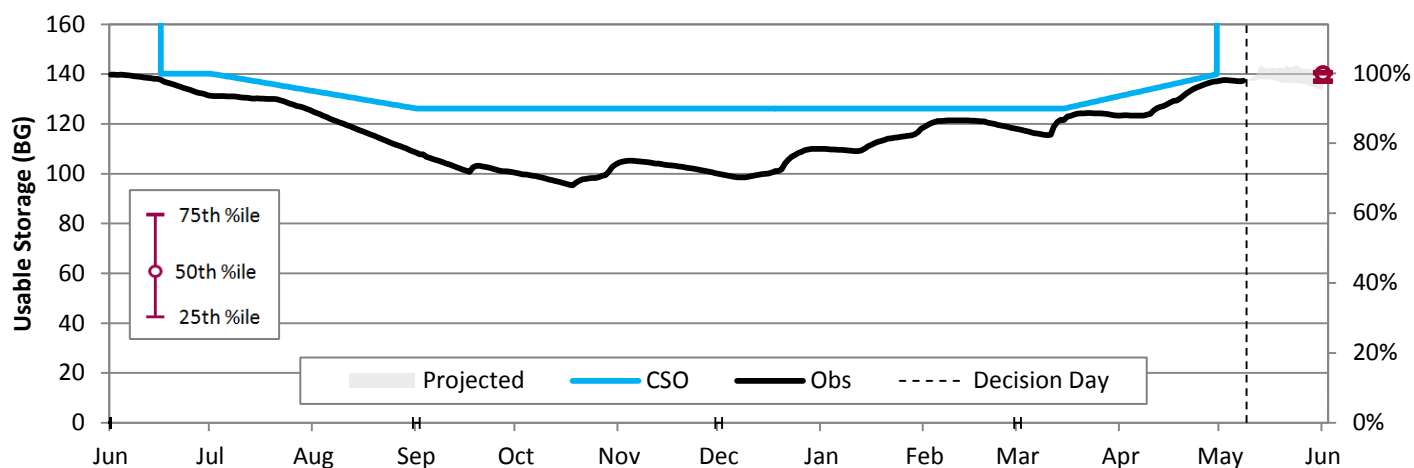
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

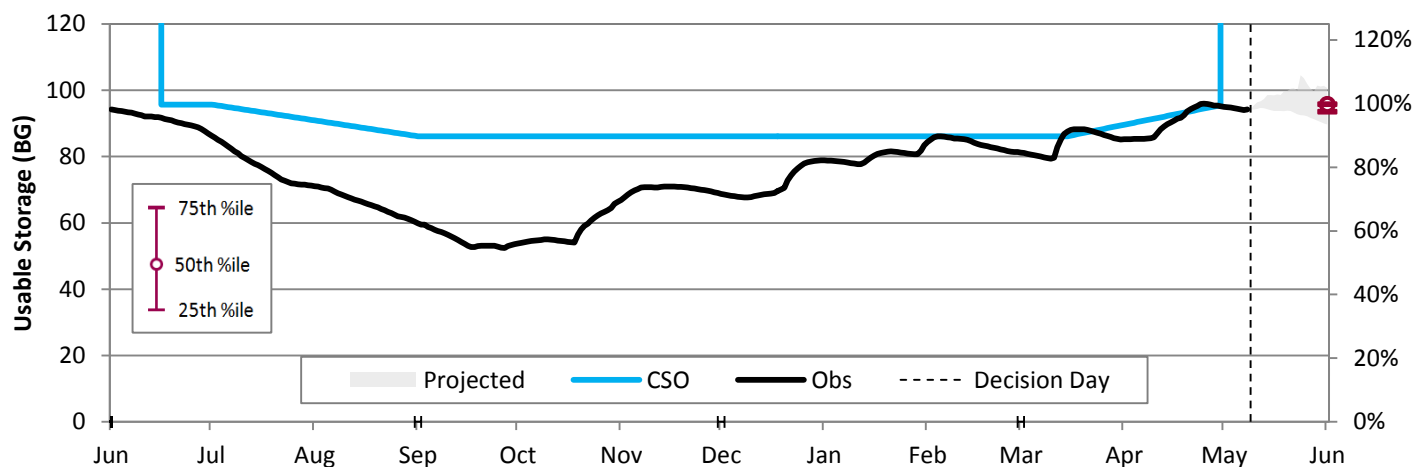
OST-FFMP Summary Page

Decision Day: 2013-5-9

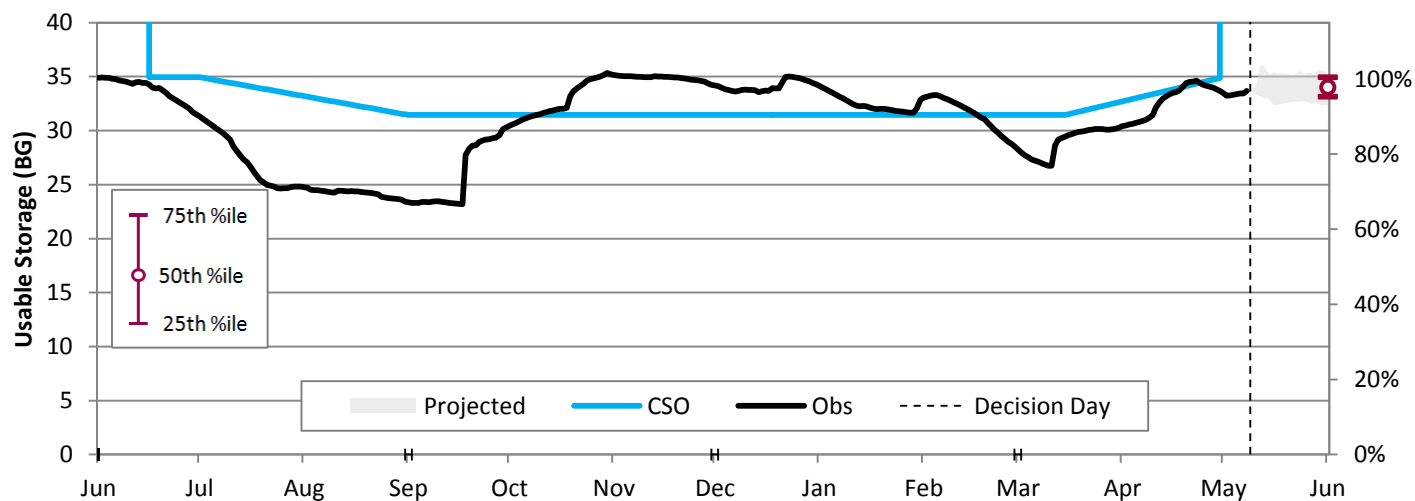
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-5-13

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	266,107 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	15,328 MG
-	Expected PCN Diversion Accumulated to Jun 1:	11,994 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	-1,396 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	-1,396 MG
÷	Number of Days to Distribute Release Quantity:	30 days
	Current PCN Release Target:	-47 mgd
	=	-72 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	98%	n/a	L2
Pepacton	98%	n/a	L2
Cannonsville	98%	n/a	L2-a
Neversink	98%	n/a	L2

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

L2 Storage Zone, Spring Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	75	150	55	280
Table 4b	75	160	60	295
Table 4c	85	175	65	325
Table 4d	90	225	70	385
Table 4e	100	250	75	425
Table 4f	100	400	90	590
Table 4g	100	400	90	590

Selected Schedule: Table(s) 4a

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-5-13

Discharge Mitigation Mass Balance

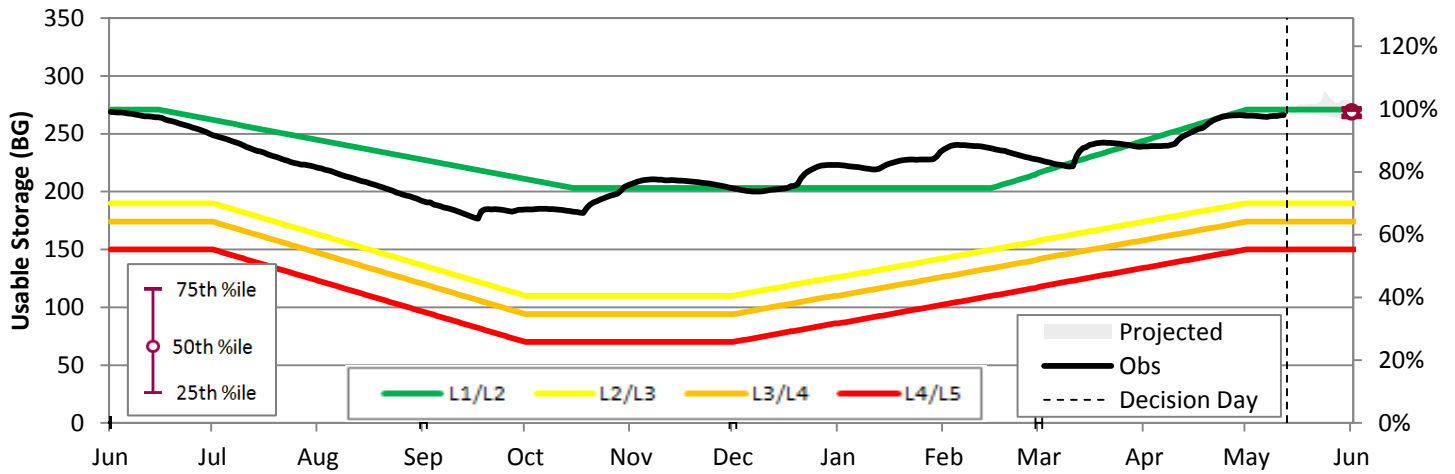
	Current PCN Usable Storage:	266,107 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	6,739 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	1,448 MG
-	Expected PCN Diversion Accumulated 7 Days:	748 MG
-	PCN Conditional Storage Objective:	270,837 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-5-13

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	75		75
Cannonsville	150		150
Neversink	55		55
Total	280		280

General releases are at Table(s) 4a

Comments

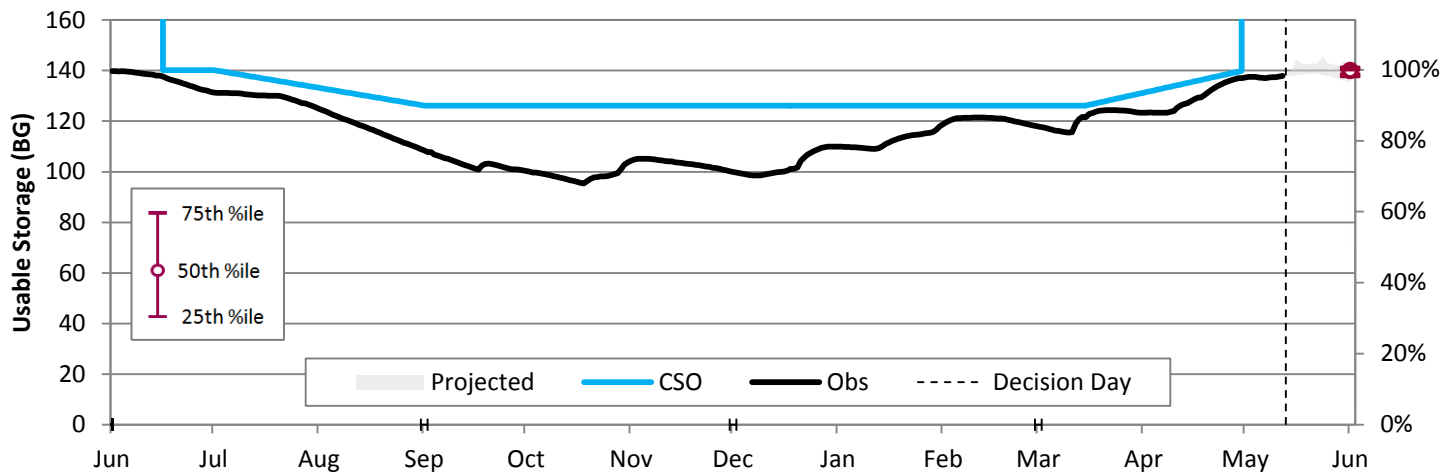
Cumulative Total Discharge Mitigation Releases Since June 1, 2012

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	1,931
Total	1,931

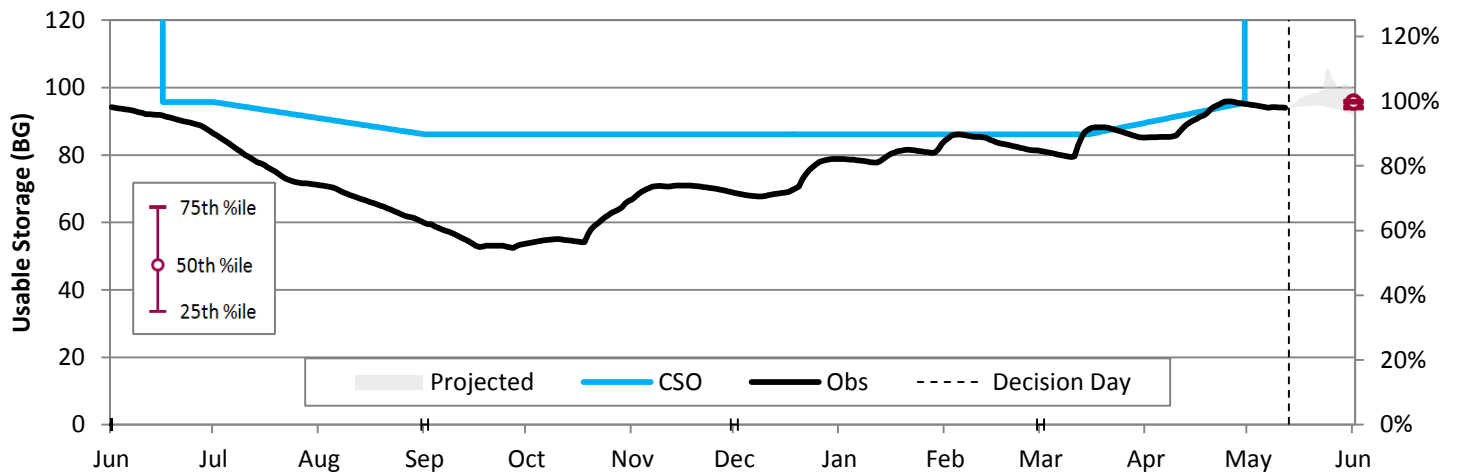
OST-FFMP Summary Page

Decision Day: 2013-5-13

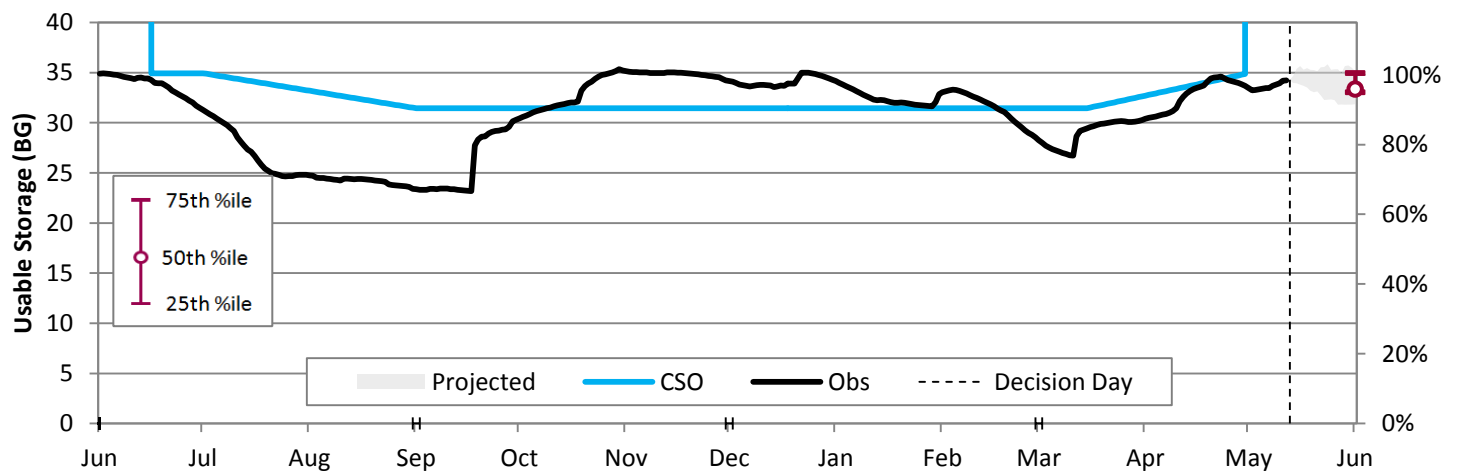
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-6-3

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	273,857 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	471,083 MG
-	Expected PCN Diversion Accumulated to Jun 1:	224,058 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	250,045 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	250,045 MG
÷	Number of Days to Distribute Release Quantity:	364 days
	Current PCN Release Target:	687 mgd
	=	1,063 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	101%	n/a	L1
Pepacton	101%	n/a	L1-c
Cannonsville	101%	n/a	L1-c
Neversink	100%	n/a	L1-c

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

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

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-6-3

Discharge Mitigation Mass Balance

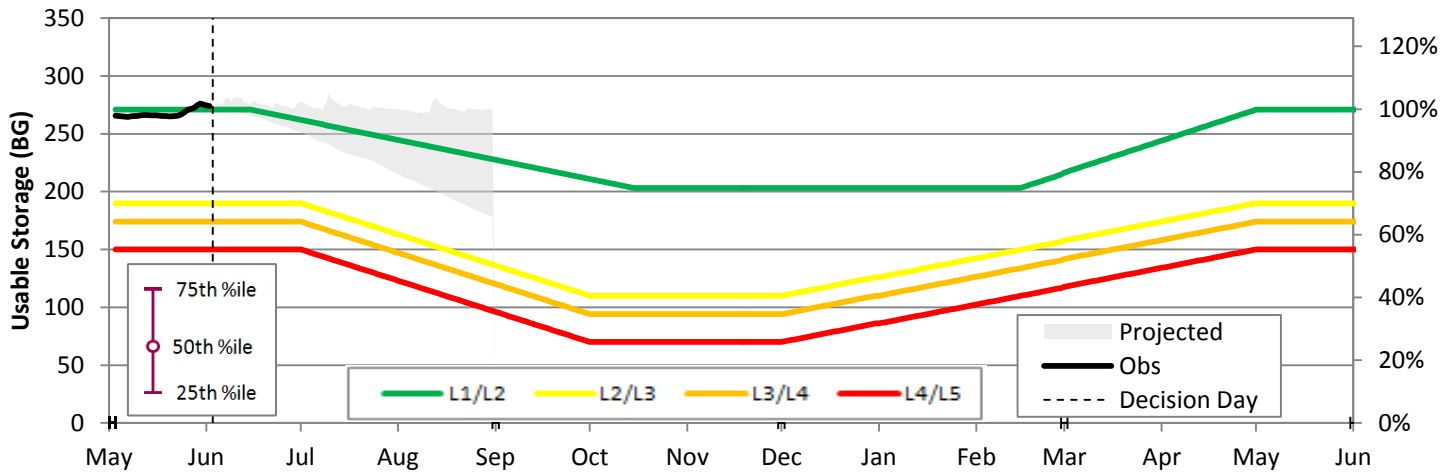
	Current PCN Usable Storage:
+	Current PCN Snow Storage:
+	PCN Inflow Forecast Accumulated 7 Days:
-	OST-FFMP Minimum Releases Accumulated 7 Days:
-	Expected PCN Diversion Accumulated 7 Days:
-	PCN Conditional Storage Objective:
<hr/>	
	Estimated 7 Day PCN Excess over CSO:

Comments

OST-FFMP Summary Page

Decision Day: 2013-6-3

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	600		600
Neversink	140		140
Total	890		890

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

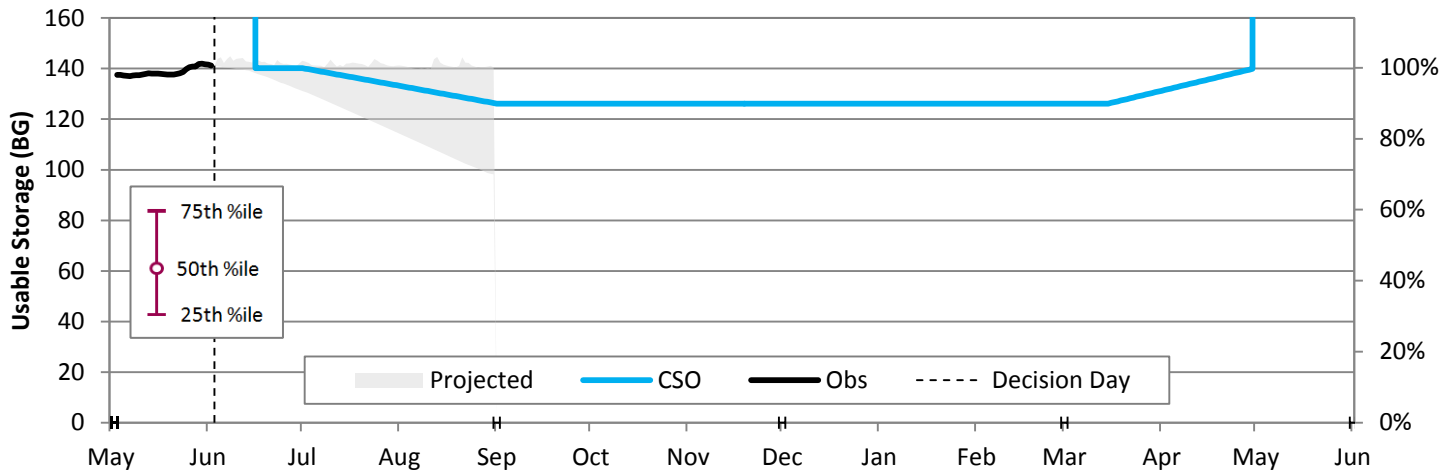
Cumulative Total Discharge Mitigation Releases Since June 1, 2013

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

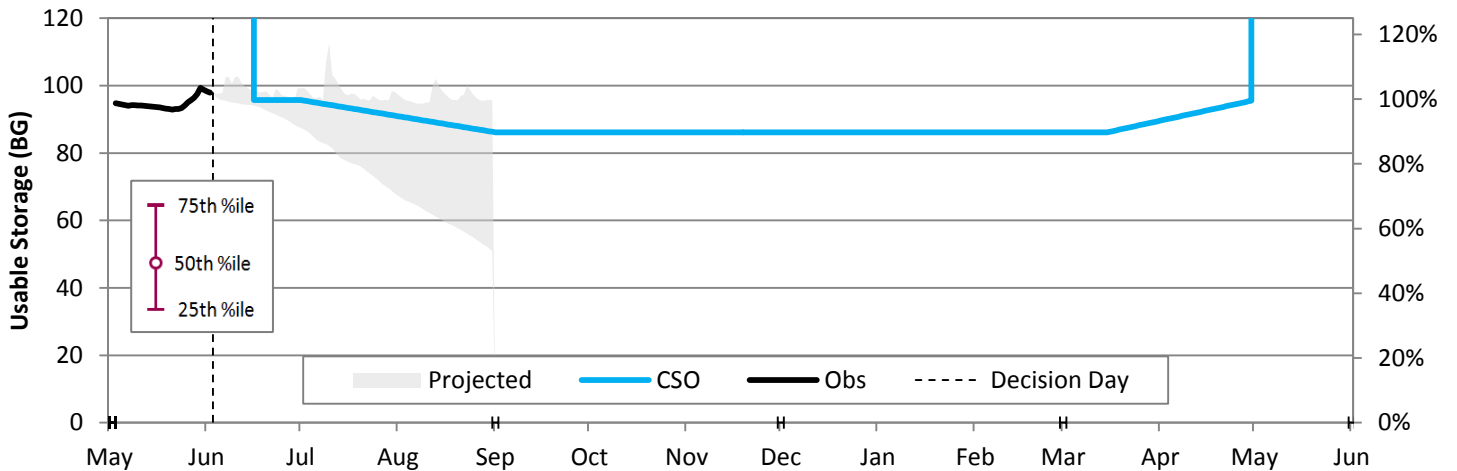
OST-FFMP Summary Page

Decision Day: 2013-6-3

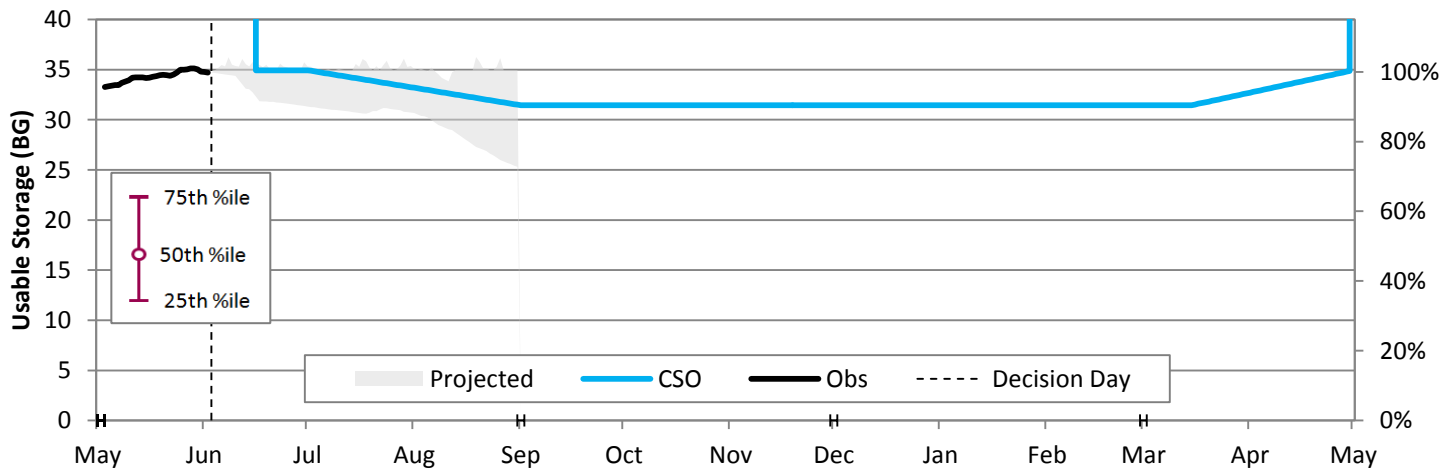
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-6-19

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	272,958 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	508,554 MG
-	Expected PCN Diversion Accumulated to Jun 1:	213,807 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	296,868 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	296,868 MG
÷	Number of Days to Distribute Release Quantity:	348 days
	Current PCN Release Target:	853 mgd
	=	1,320 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	101%	n/a	L1
Pepacton	101%	n/a	L1-a
Cannonsville	101%	n/a	L1-a
Neversink	100%	n/a	L1-a

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

L1 Storage Zone, Summer Season (cfs)				
OST-FFMP Schedule	Pepacton L1-a	Cannonsville L1-a	Neversink L1-a	Total PCN
Table 4a	700	1500	190	2390
Table 4b	700	1500	190	2390
Table 4c	700	1500	190	2390
Table 4d	700	1500	190	2390
Table 4e	700	1500	190	2390
Table 4f	700	1500	190	2390
Table 4g	700	1500	190	2390

Selected Schedule: Table(s) 4a/4b/4c/4d/4e/4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-6-19

Discharge Mitigation Mass Balance

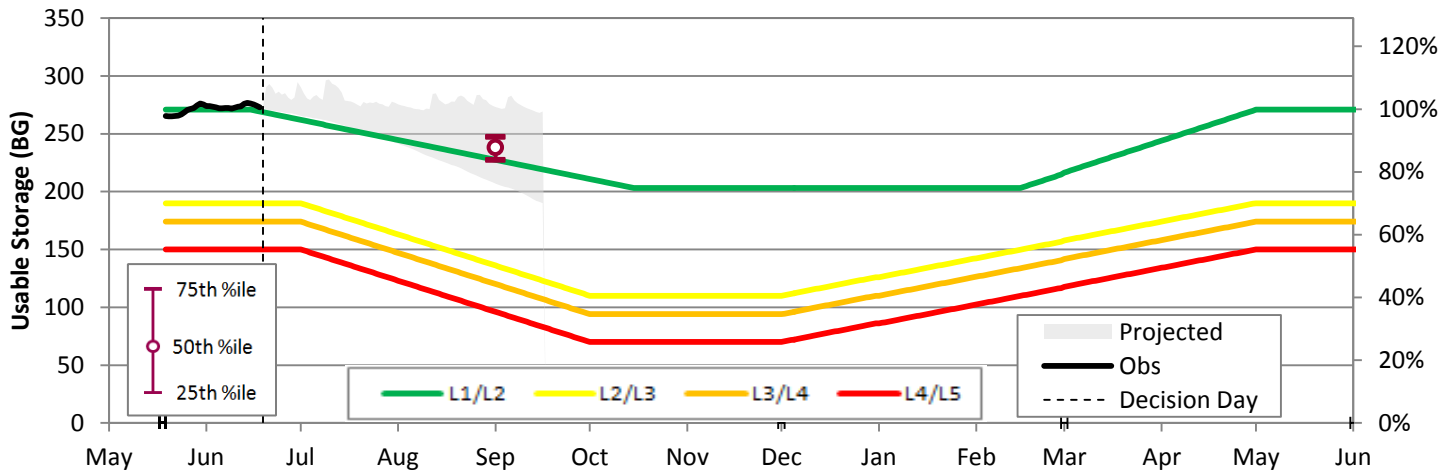
	Current PCN Usable Storage:	272,958 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	9,806 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	12,254 MG
-	Expected PCN Diversion Accumulated 7 Days:	4,131 MG
-	PCN Conditional Storage Objective:	270,837 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-6-19

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	420		420
Cannonsville	1,000		1,000
Neversink	150		150
Total	1,570		1,570

Comments

Combined storage will drop to L2 shortly. Releases will be made as shown above. These levels are appropriate to meet the CSO.

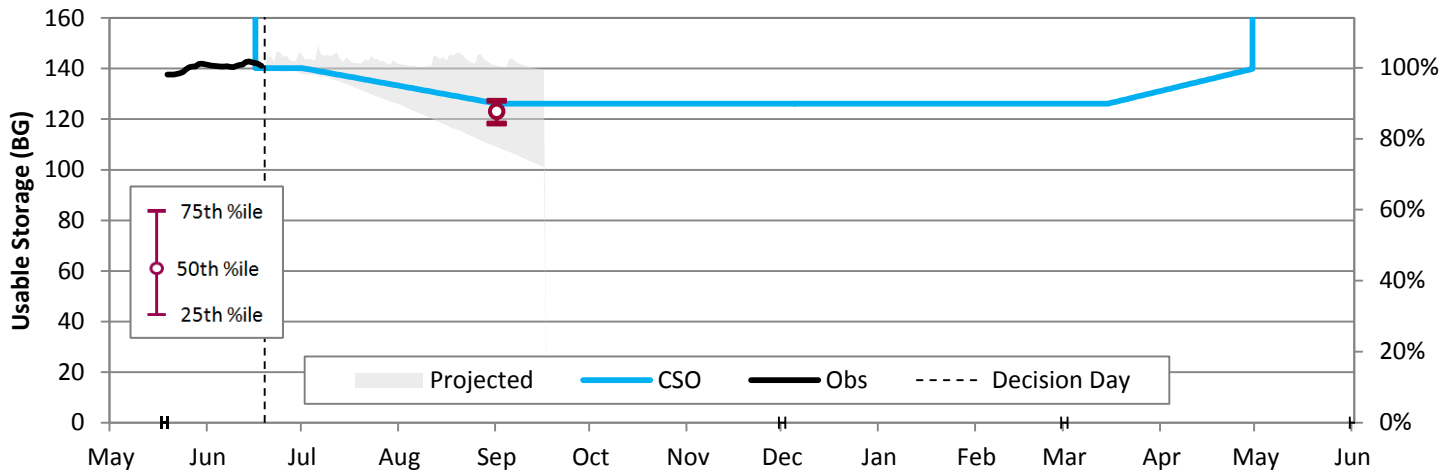
Cumulative Total Discharge Mitigation Releases Since June 1, 2013

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

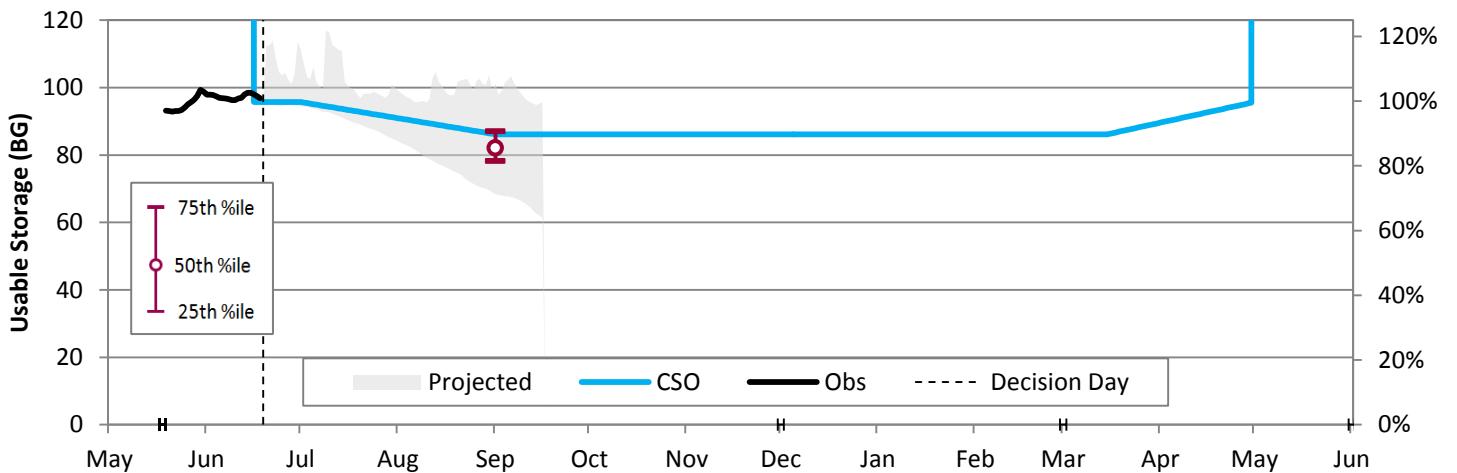
OST-FFMP Summary Page

Decision Day: 2013-6-19

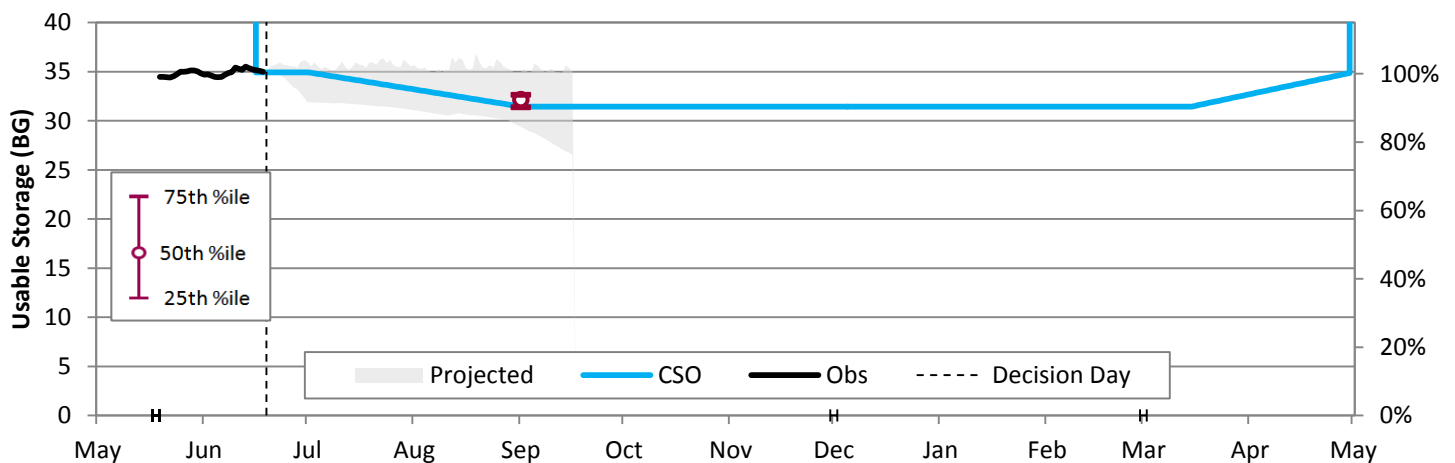
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-6-24

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	268,711 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	487,294 MG
-	Expected PCN Diversion Accumulated to Jun 1:	224,707 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	260,461 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	260,461 MG
÷	Number of Days to Distribute Release Quantity:	343 days
	Current PCN Release Target:	759 mgd
	=	1,175 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	99%	n/a	L2
Pepacton	100%	n/a	L2
Cannonsville	99%	n/a	L2-a
Neversink	98%	n/a	L2

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

L2 Storage Zone, Summer Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	100	225	75	400
Table 4b	110	245	80	435
Table 4c	125	275	90	490
Table 4d	140	325	100	565
Table 4e	140	400	100	640
Table 4f	140	500	110	750
Table 4g	140	500	110	750

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-6-24

Discharge Mitigation Mass Balance

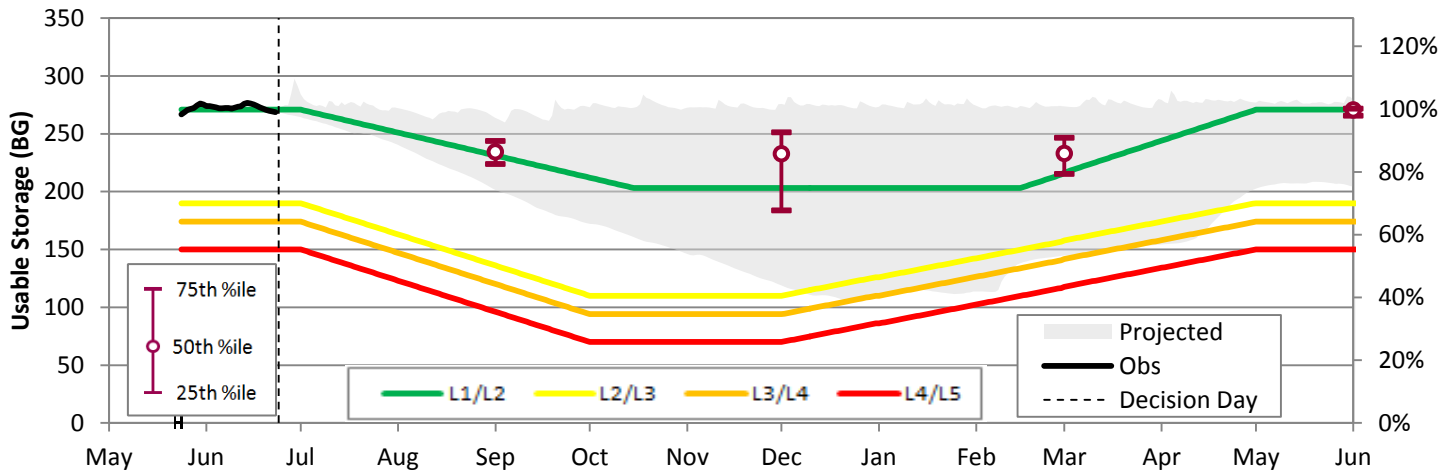
	Current PCN Usable Storage:	268,711 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	7,137 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	3,878 MG
-	Expected PCN Diversion Accumulated 7 Days:	1,735 MG
-	PCN Conditional Storage Objective:	270,837 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-6-24

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	140		140
Cannonsville	500		500
Neversink	110		110
Total	750		750

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

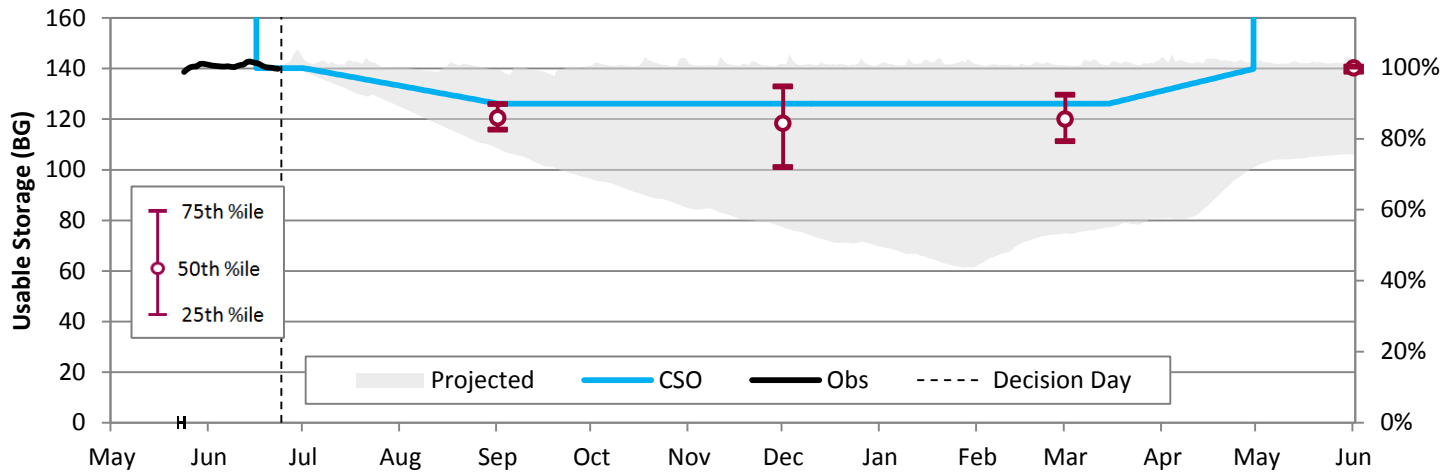
Cumulative Total Discharge Mitigation Releases Since June 1, 2013

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

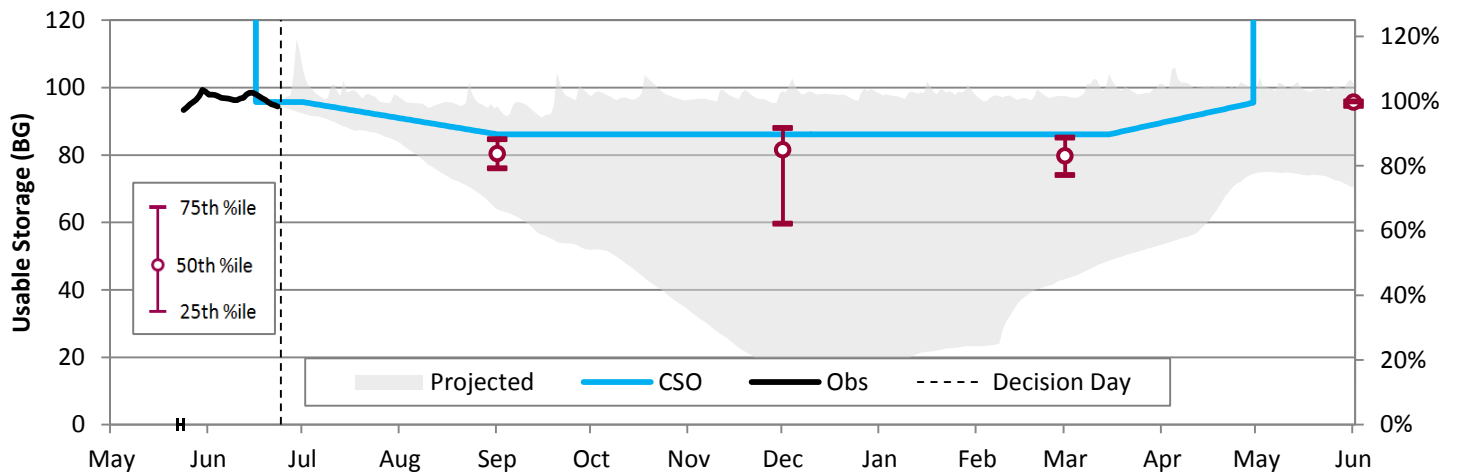
OST-FFMP Summary Page

Decision Day: 2013-6-24

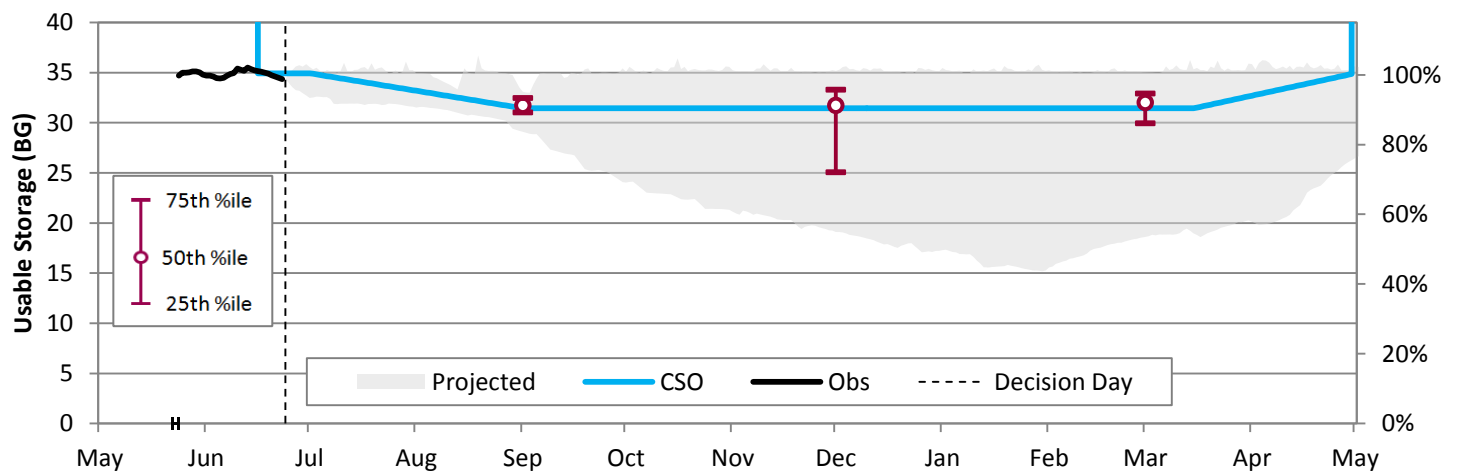
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-7-16

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	261,596 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	443,194 MG
-	Expected PCN Diversion Accumulated to Jun 1:	209,275 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	224,678 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	224,678 MG
÷	Number of Days to Distribute Release Quantity:	321 days
	Current PCN Release Target:	700 mgd
	=	1,083 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	97%	n/a	L1
Pepacton	97%	n/a	L1-c
Cannonsville	96%	n/a	L1-c
Neversink	97%	n/a	L1-c

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

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

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-7-16

Discharge Mitigation Mass Balance

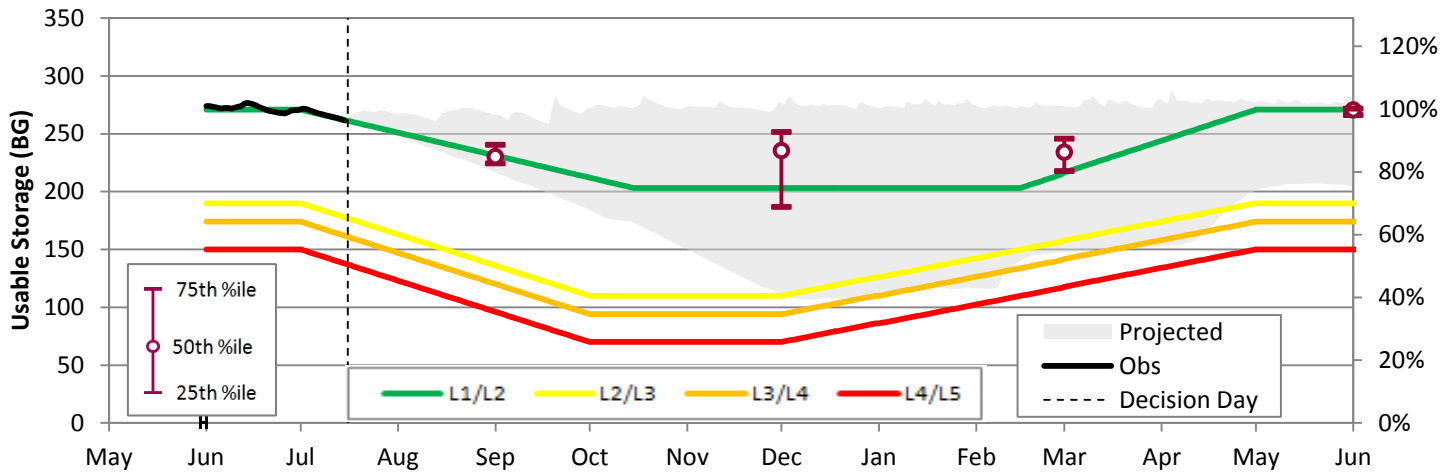
	Current PCN Usable Storage:	261,596 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	3,148 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	4,602 MG
-	Expected PCN Diversion Accumulated 7 Days:	3,275 MG
-	PCN Conditional Storage Objective:	264,285 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-7-16

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	600		600
Neversink	140		140
Total	890		890

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

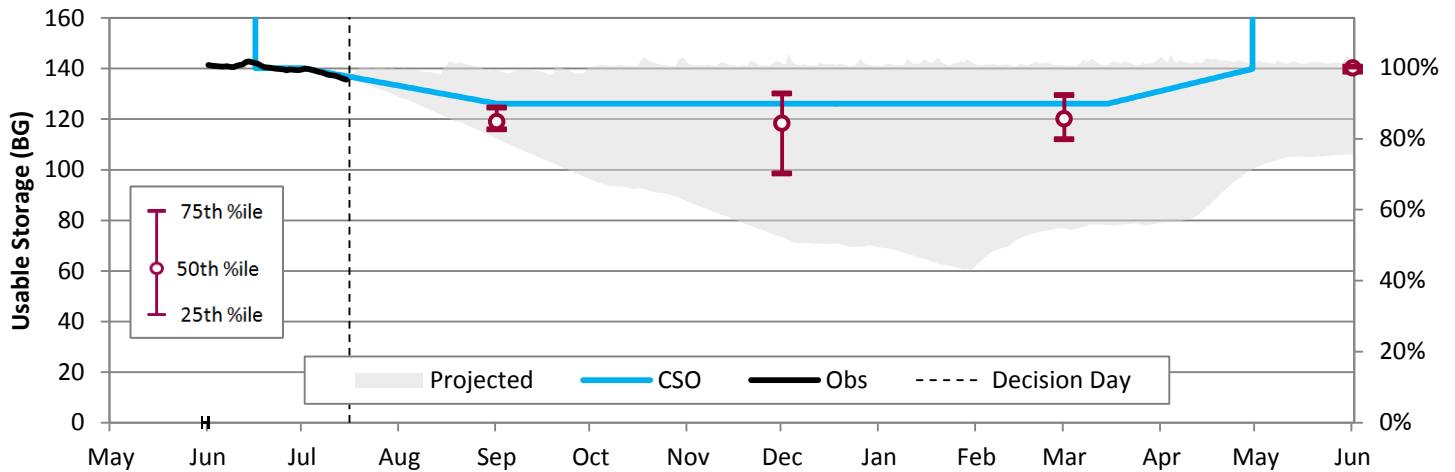
Cumulative Total Discharge Mitigation Releases Since June 1, 2013

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

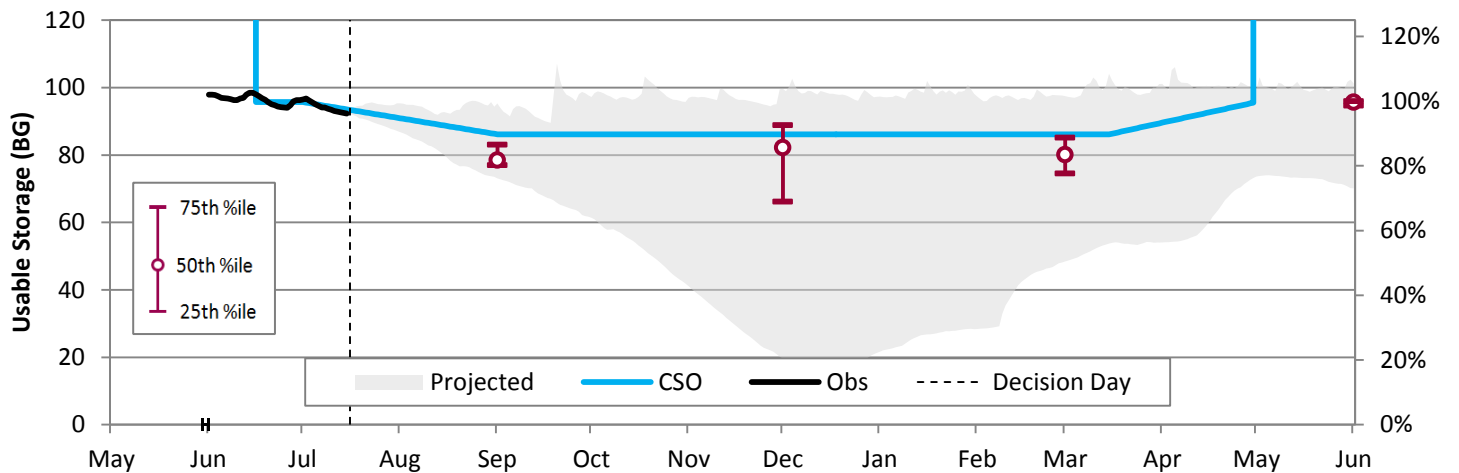
OST-FFMP Summary Page

Decision Day: 2013-7-16

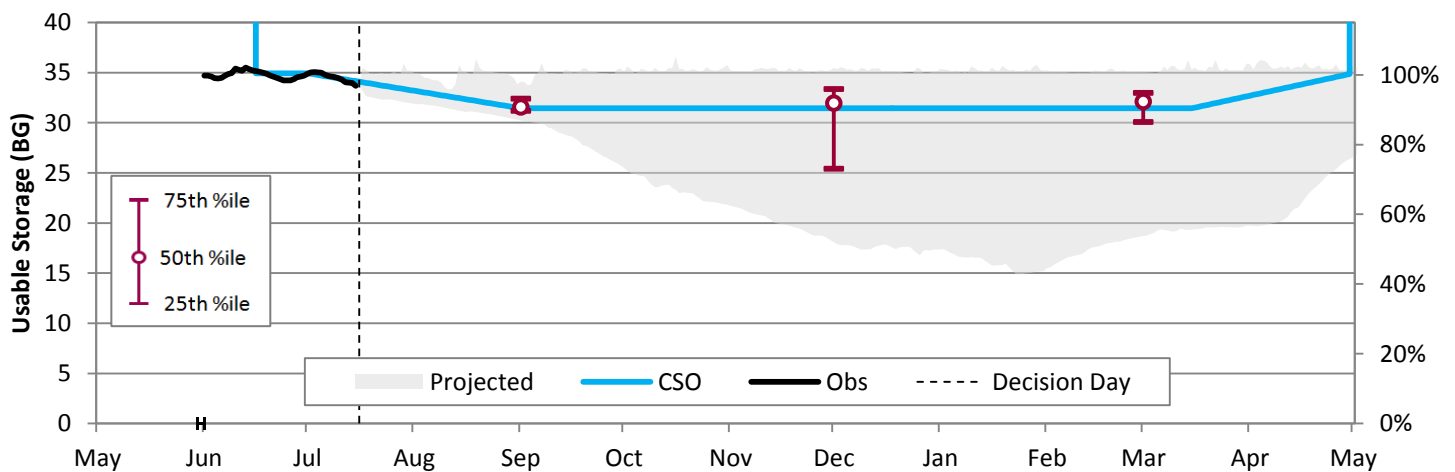
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-8-15

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	239,055 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	420,860 MG
-	Expected PCN Diversion Accumulated to Jun 1:	187,980 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	201,098 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	201,098 MG
÷	Number of Days to Distribute Release Quantity:	291 days
	Current PCN Release Target:	691 mgd
	=	1,069 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	88%	n/a	L1
Pepacton	91%	n/a	L1-c
Cannonsville	86%	n/a	L1-c
Neversink	85%	n/a	L1-c

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

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

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-8-15

Discharge Mitigation Mass Balance

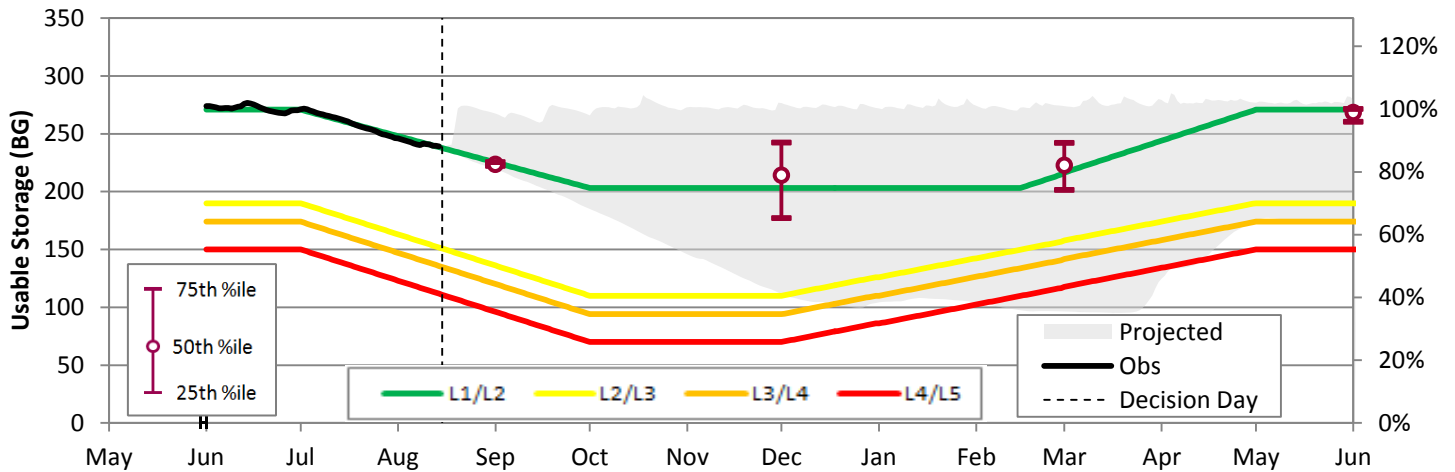
	Current PCN Usable Storage:	239,055 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	1,869 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	4,602 MG
-	Expected PCN Diversion Accumulated 7 Days:	4,833 MG
-	PCN Conditional Storage Objective:	251,179 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-8-15

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	600		600
Neversink	140		140
Total	890		890

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

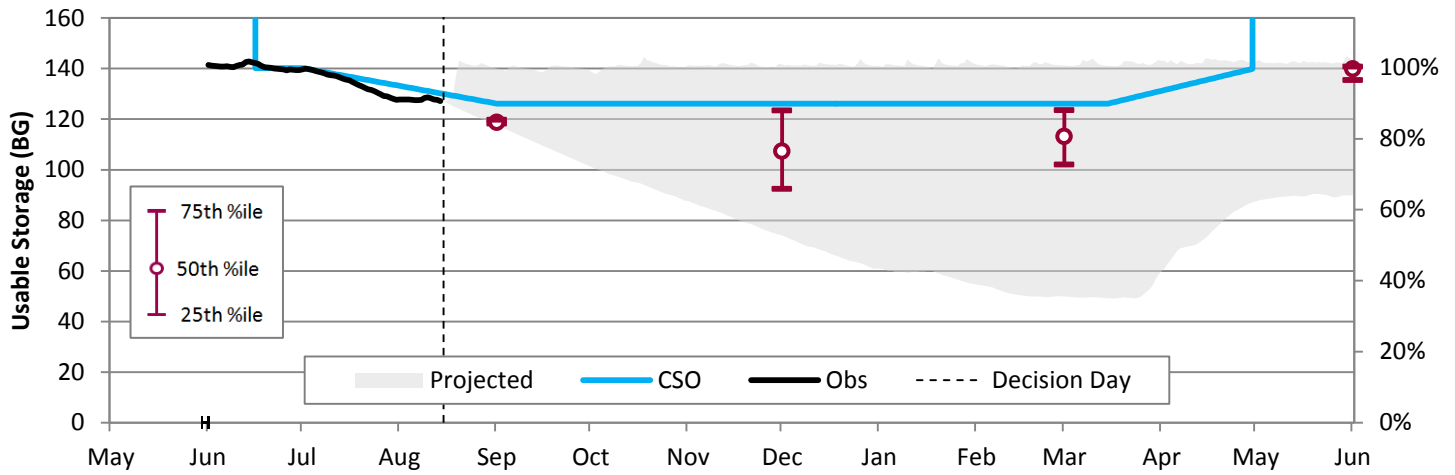
Cumulative Total Discharge Mitigation Releases Since June 1, 2013

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

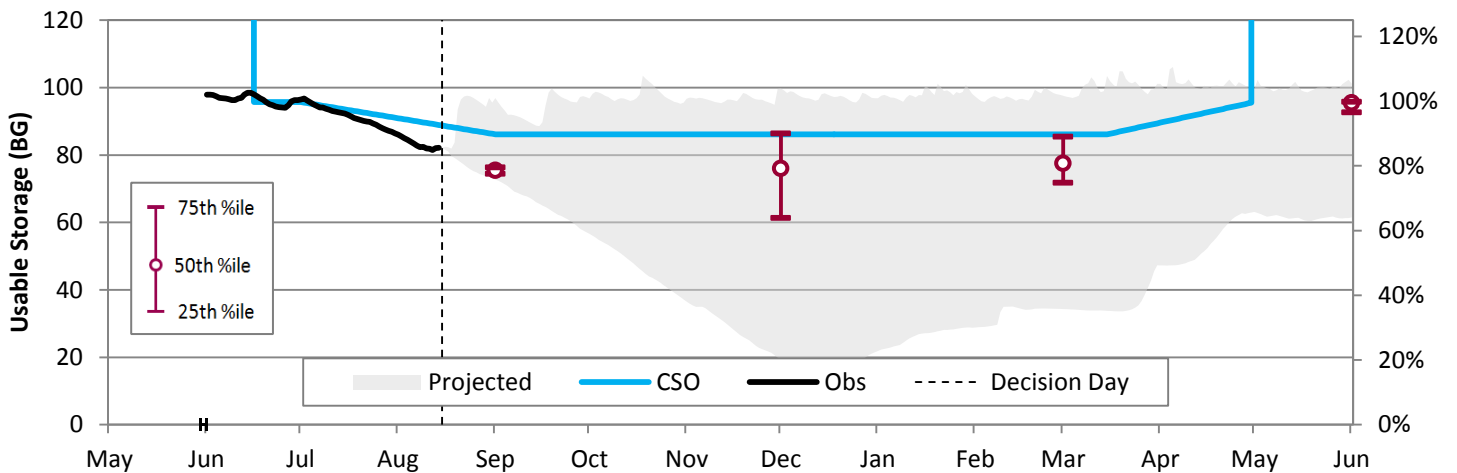
OST-FFMP Summary Page

Decision Day: 2013-8-15

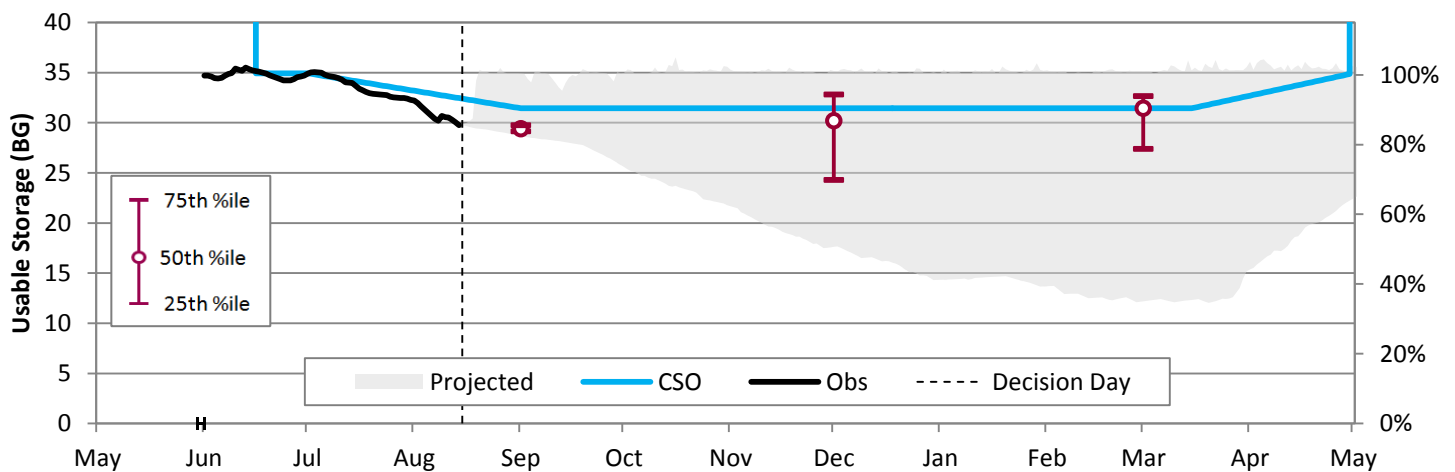
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-9-16

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	229,063 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	407,942 MG
-	Expected PCN Diversion Accumulated to Jun 1:	165,660 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	200,508 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	200,508 MG
÷	Number of Days to Distribute Release Quantity:	259 days
	Current PCN Release Target:	774 mgd
	=	1,198 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	85%	n/a	L1
Pepacton	85%	n/a	L1-c
Cannonsville	86%	n/a	L1-c
Neversink	80%	n/a	L1-c

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

L1 Storage Zone, Fall Season (cfs)				
OST-FFMP Schedule	Pepacton L1-c	Cannonsville L1-c	Neversink L1-c	Total PCN
Table 4a	100	175	75	350
Table 4b	110	200	85	395
Table 4c	125	225	85	435
Table 4d	125	275	100	500
Table 4e	150	325	100	575
Table 4f	150	375	100	625
Table 4g	150	375	100	625

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-9-16

Discharge Mitigation Mass Balance

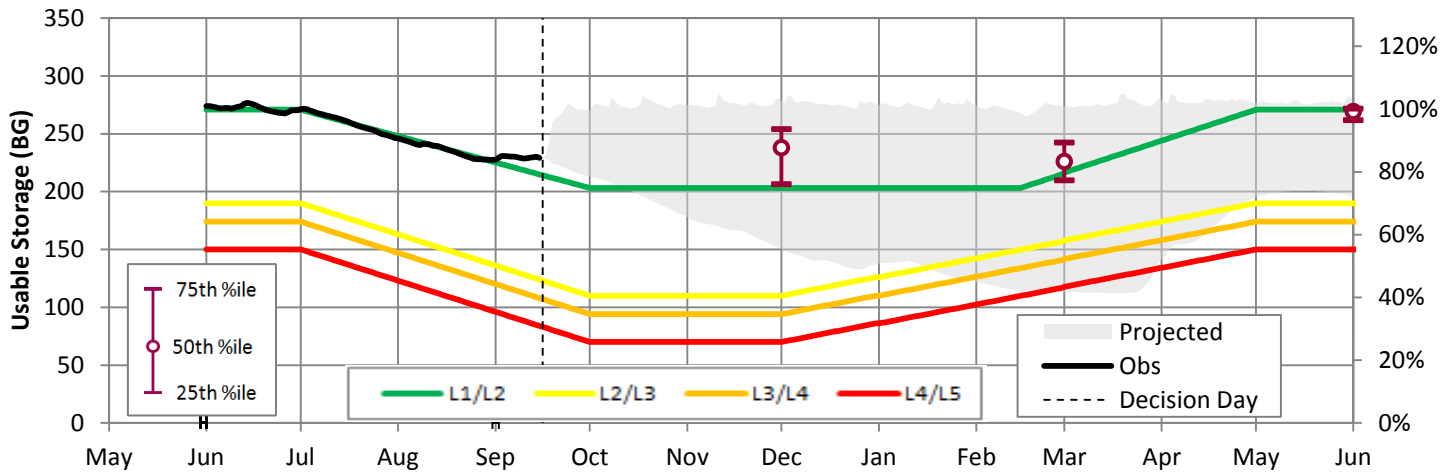
	Current PCN Usable Storage:	229,063 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	3,384 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	3,232 MG
-	Expected PCN Diversion Accumulated 7 Days:	3,764 MG
-	PCN Conditional Storage Objective:	243,753 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-9-16

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	375		375
Neversink	100		100
Total	625		625

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

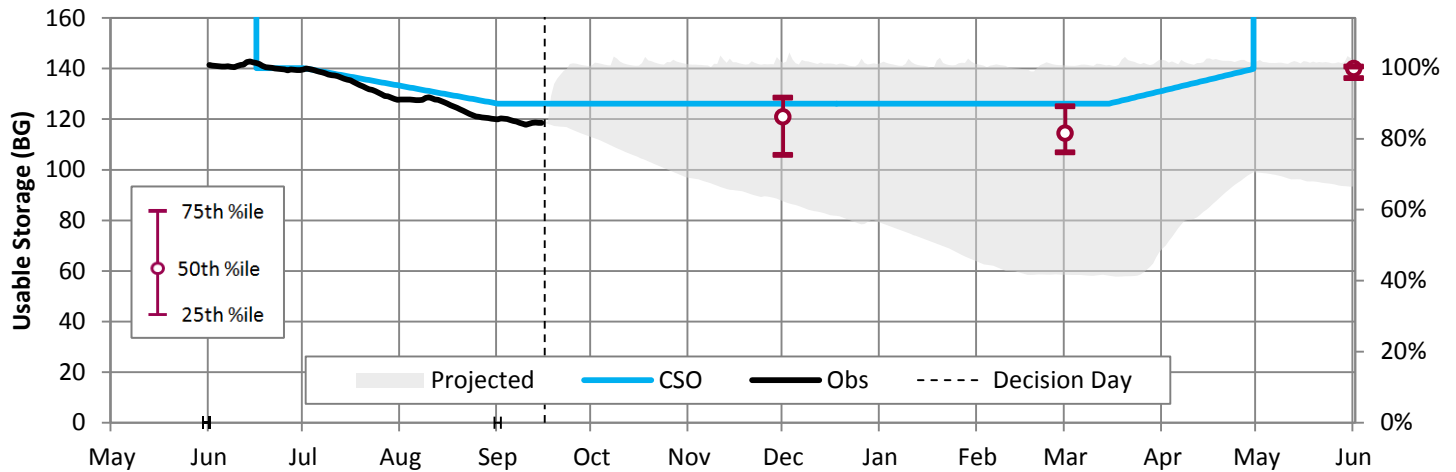
Cumulative Total Discharge Mitigation Releases Since June 1, 2013

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

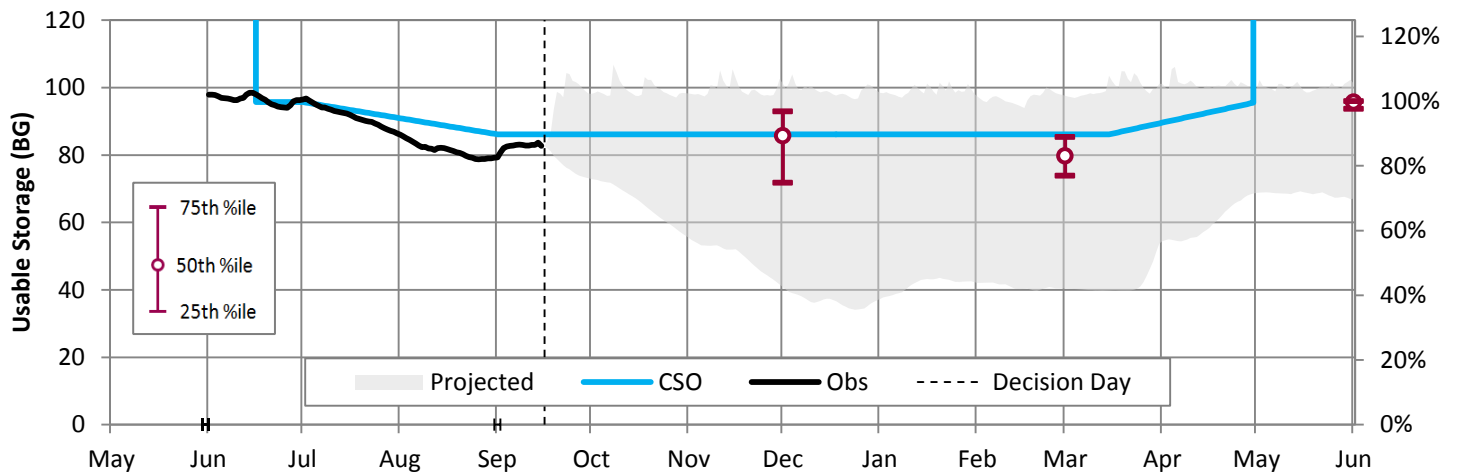
OST-FFMP Summary Page

Decision Day: 2013-9-16

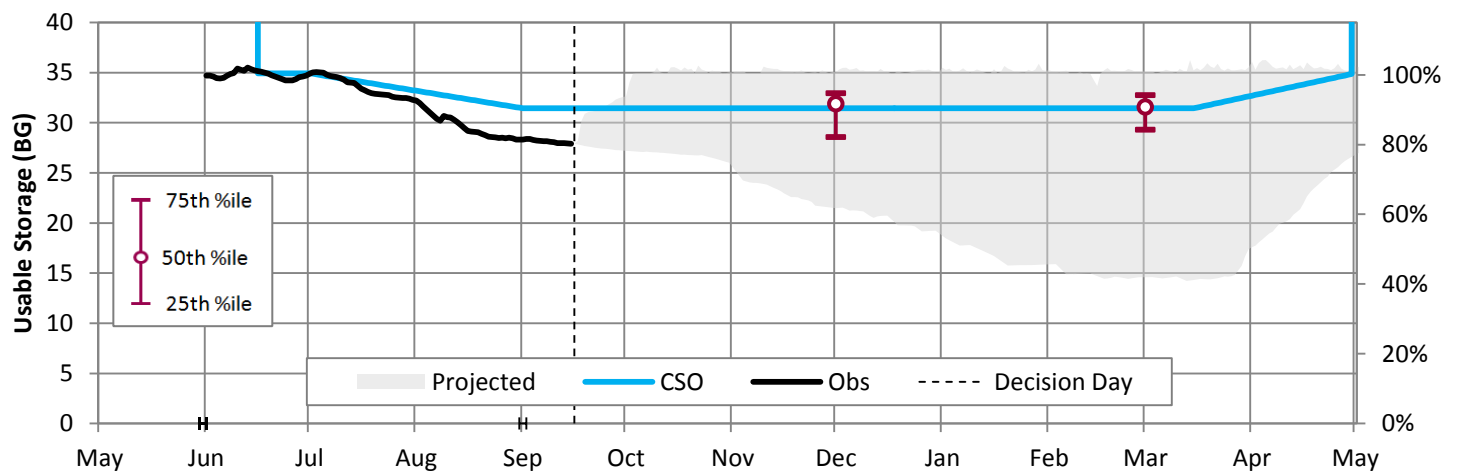
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-10-14

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	210,834 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	355,456 MG
-	Expected PCN Diversion Accumulated to Jun 1:	146,948 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	148,505 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	148,505 MG
÷	Number of Days to Distribute Release Quantity:	231 days
	Current PCN Release Target:	643 mgd
	=	995 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	78%	n/a	L1
Pepacton	79%	n/a	L1-c
Cannonsville	76%	n/a	L1-c
Neversink	78%	n/a	L1-c

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

L1 Storage Zone, Fall Season (cfs)				
OST-FFMP Schedule	Pepacton L1-c	Cannonsville L1-c	Neversink L1-c	Total PCN
Table 4a	85	110	65	260
Table 4b	85	125	70	280
Table 4c	100	150	70	320
Table 4d	100	175	75	350
Table 4e	150	200	75	425
Table 4f	150	225	75	450
Table 4g	150	225	75	450

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-10-14

Discharge Mitigation Mass Balance

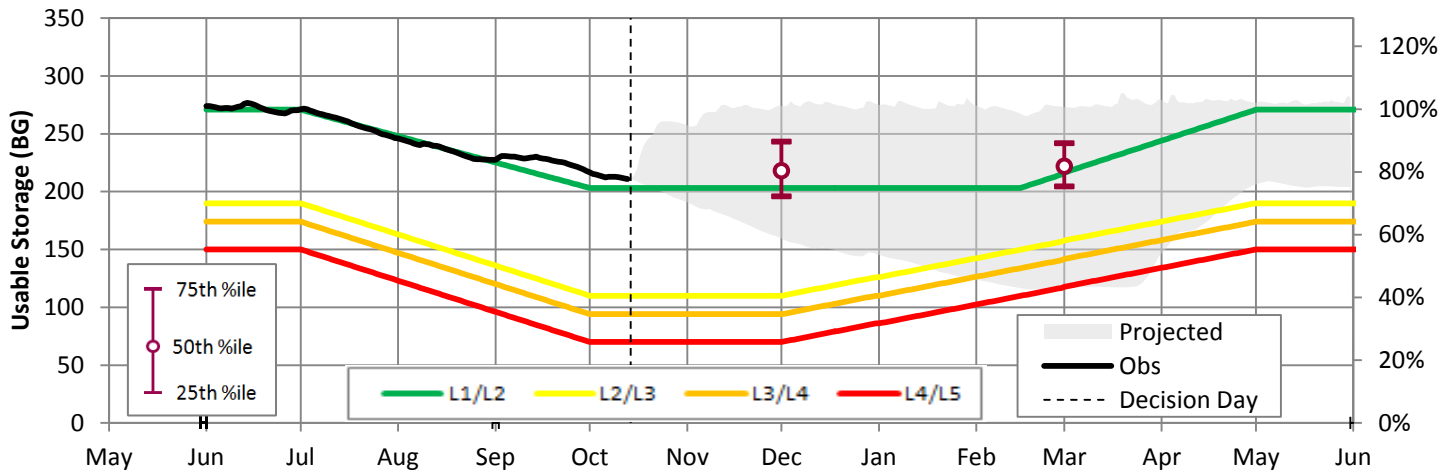
	Current PCN Usable Storage:	210,834 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	2,958 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	2,327 MG
-	Expected PCN Diversion Accumulated 7 Days:	1,678 MG
-	PCN Conditional Storage Objective:	243,753 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-10-14

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	225		225
Neversink	75		75
Total	450		450

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

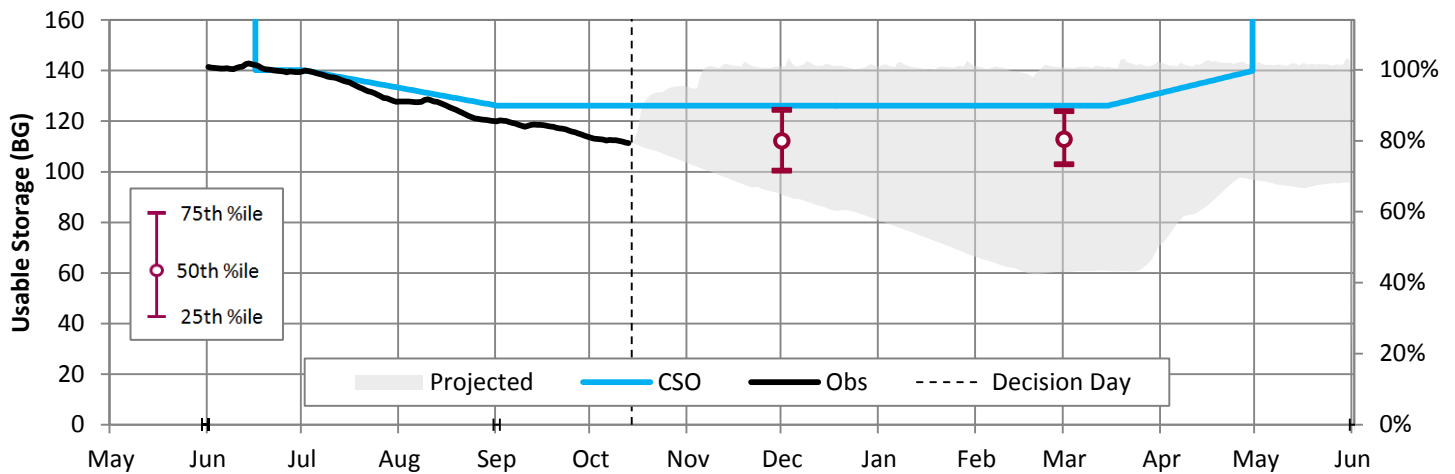
Cumulative Total Discharge Mitigation Releases Since June 1, 2013

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

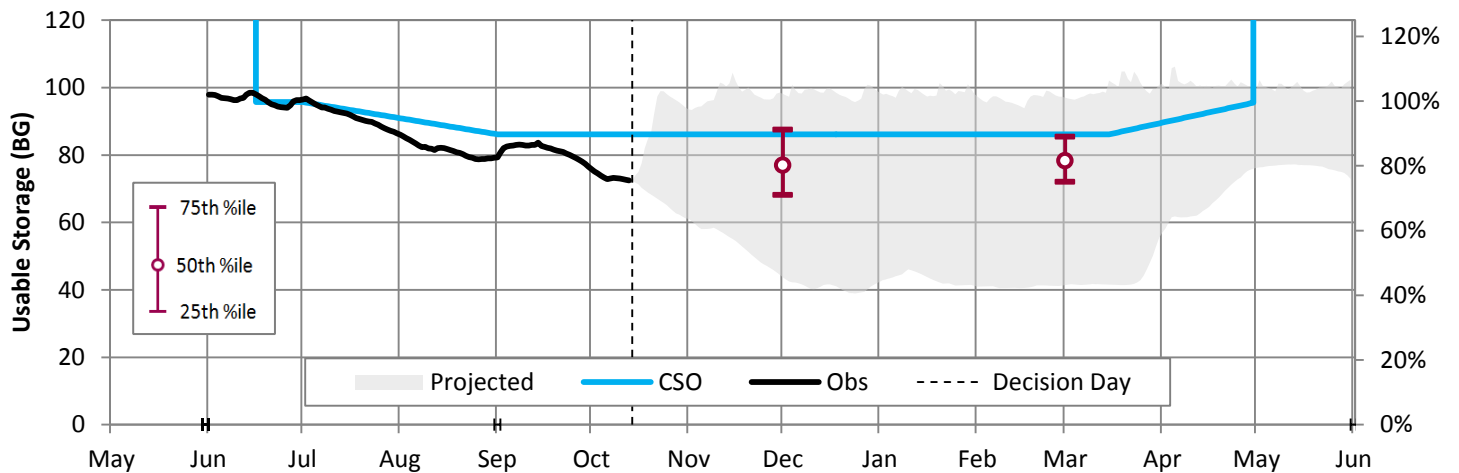
OST-FFMP Summary Page

Decision Day: 2013-10-14

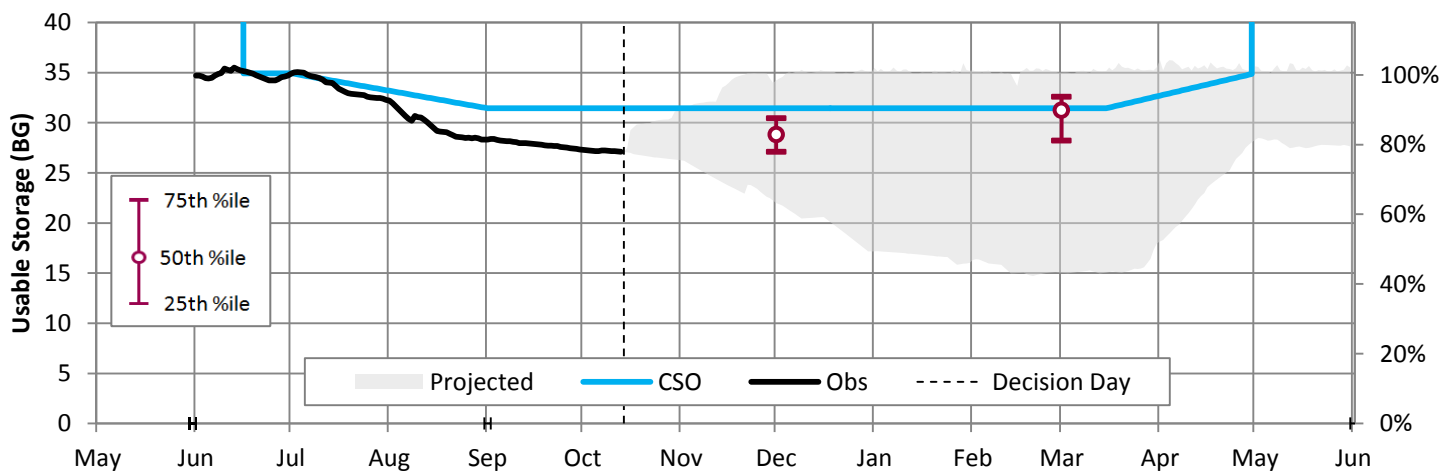
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-11-15

General Release Mass Balance

	Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	192,977 MG
+	PCN Inflow Forecast Accumulated to Jun 1:	311,525 MG
-	Expected PCN Diversion Accumulated to Jun 1:	126,218 MG
-	Jun 1 Storage Target:	270,837 MG
=	Available Release Quantity Accumulated to Jun 1:	107,447 MG

Available Release Quantity Evenly Distributed to Jun 1

	Available Release Quantity Accumulated to Jun 1:	107,447 MG
÷	Number of Days to Distribute Release Quantity:	199 days
	Current PCN Release Target:	540 mgd
	=	835 cfs

Current Storage Zone for Schedule Selection

Reservoir	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	71%	n/a	L2
Pepacton	74%	n/a	L2
Cannonsville	65%	n/a	L2-a
Neversink	78%	n/a	L2

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

L2 Storage Zone, Fall Season (cfs)				
OST-FFMP Schedule	Pepacton L2	Cannonsville L2-a	Neversink L2	Total PCN
Table 4a	50	75	35	160
Table 4b	55	85	40	180
Table 4c	60	90	45	195
Table 4d	70	110	50	230
Table 4e	80	125	50	255
Table 4f	100	150	55	305
Table 4g	100	150	55	305

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-11-15

Discharge Mitigation Mass Balance

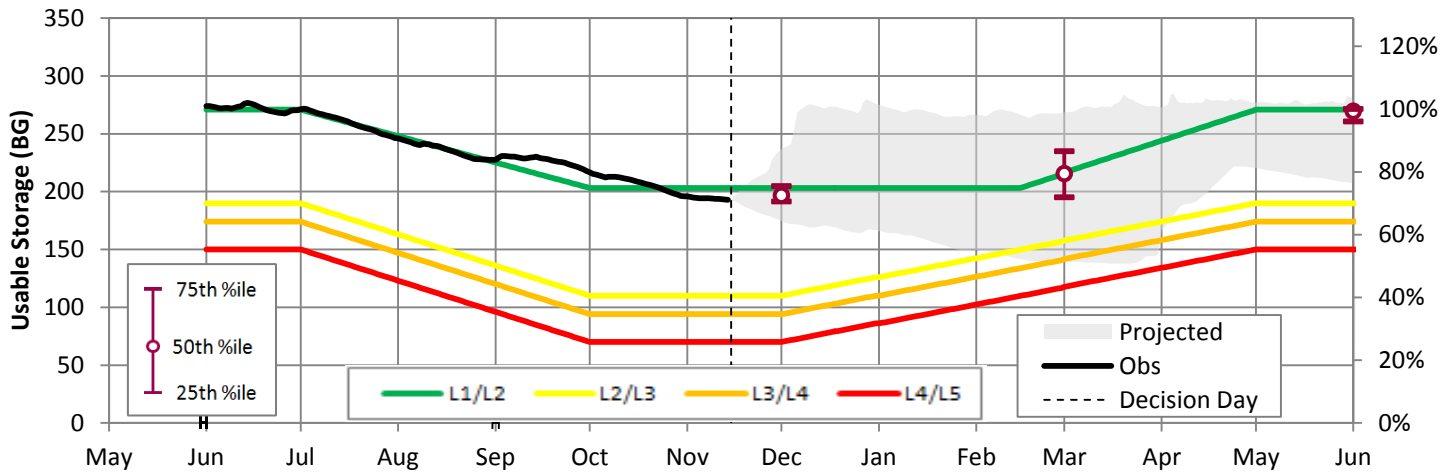
	Current PCN Usable Storage:	192,977 MG
+	Current PCN Snow Storage:	0 MG
+	PCN Inflow Forecast Accumulated 7 Days:	5,105 MG
-	OST-FFMP Minimum Releases Accumulated 7 Days:	1,577 MG
-	Expected PCN Diversion Accumulated 7 Days:	1,769 MG
-	PCN Conditional Storage Objective:	243,753 MG
		<hr/>
	Estimated 7 Day PCN Excess over CSO:	0 MG

Comments

OST-FFMP Summary Page

Decision Day: 2013-11-15

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



General Releases + Discharge Mitigation Releases (cfs)

Reservoir	General Release	Additional Discharge Mitigation Release	Total
Pepacton	100		100
Cannonsville	150		150
Neversink	55		55
Total	305		305

General releases are at Table(s) 4f/4g*

*Release rates are identical for the current storage zone

Comments

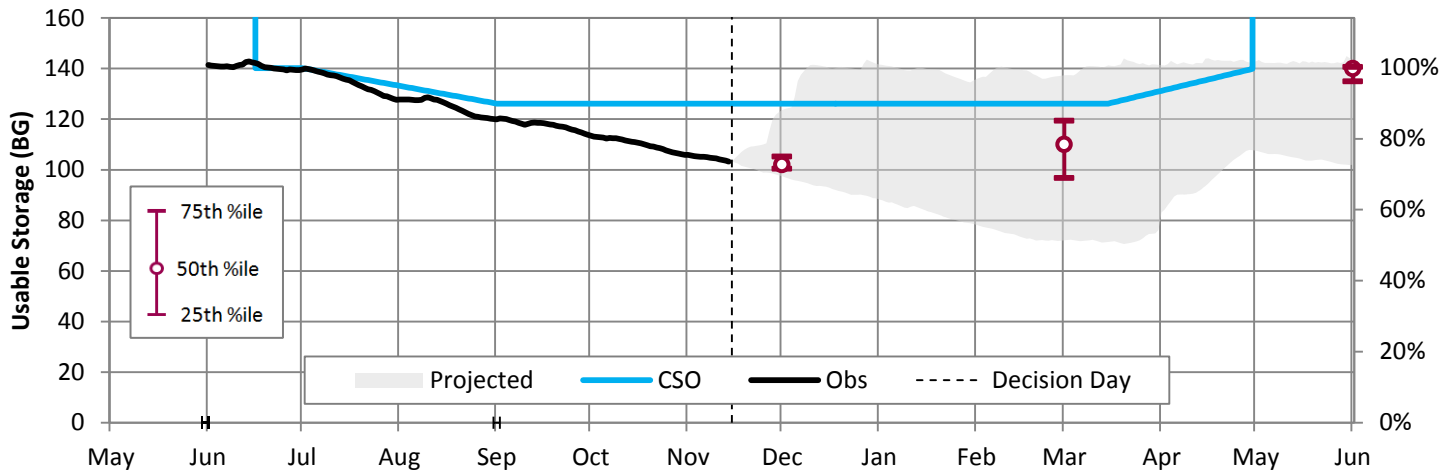
Cumulative Total Discharge Mitigation Releases Since June 1, 2013

Reservoir	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

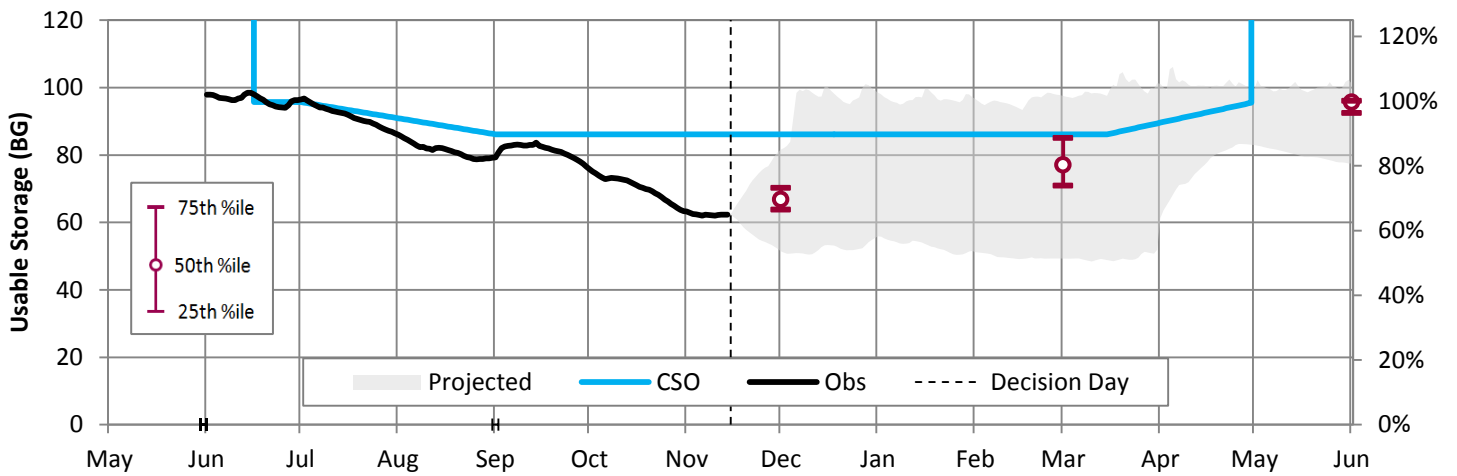
OST-FFMP Summary Page

Decision Day: 2013-11-15

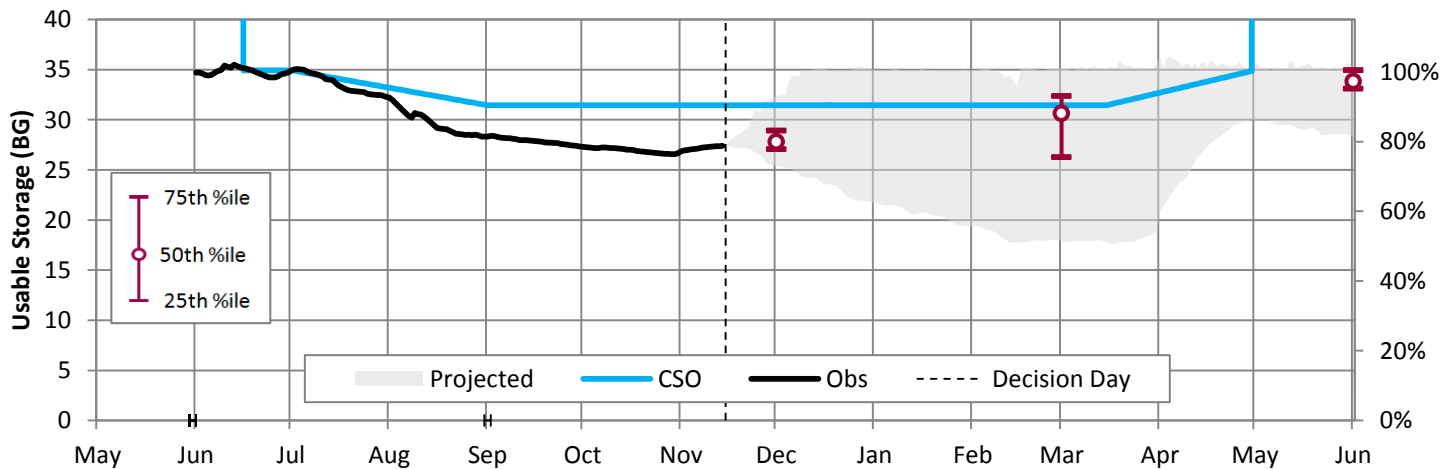
Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage



OST-FFMP General Release Summary

Decision Day: 2013-12-18

General Release Mass Balance

Combined Pepacton, Cannonsville, and Neversink (PCN) Storage:	206,440 MG
+ PCN Inflow Forecast Accumulated to Jun 1:	228,824 MG
- Expected PCN Diversion Accumulated to Jun 1:	105,186 MG
-Jun 1 Storage Target:	270,870 MG
= Available Release Quantity Accumulated to Jun 1:	59,208 MG

Available Release Quantity Evenly Distributed to June 1

Available Release Quantity Accumulated to Jun 1:	59,208 MG
/ Number of Days to Distribute Release Quantity:	166 days
Current PCN Release Target:	357 mgd
Current PCN Release Target:	552 cfs

Current Storage Zone for Schedule Selection

	Usable Storage	Usable Storage + Snow Storage	Zone
PCN	76.2%	*	L1
Pepacton	75.2%	*	L1-c
Cannonsville	73.7%	*	L1-c
Neversink	87.4%	*	L1-c

*Not applicable (snow storage is included in the forecast)

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

OST-FFMP Schedule	L1 Storage Zone, Winter Season (cfs)			PCN Total
	Pepacton L1-c	Cannonsville L1-c	Neversink L1-c	
Table 4a	85	110	65	260
Table 4b	85	125	70	280
Table 4c	100	150	70	320
Table 4d	100	175	75	350
Table 4e	150	200	75	425
Table 4f	150	225	75	450
Table 4g	150	225	75	450

Selected Schedule: Table(s) 4f/4g*

*Release rates are identical for the current storage zone

OST-FFMP Discharge Mitigation Release Summary

Decision Day: 2013-12-18

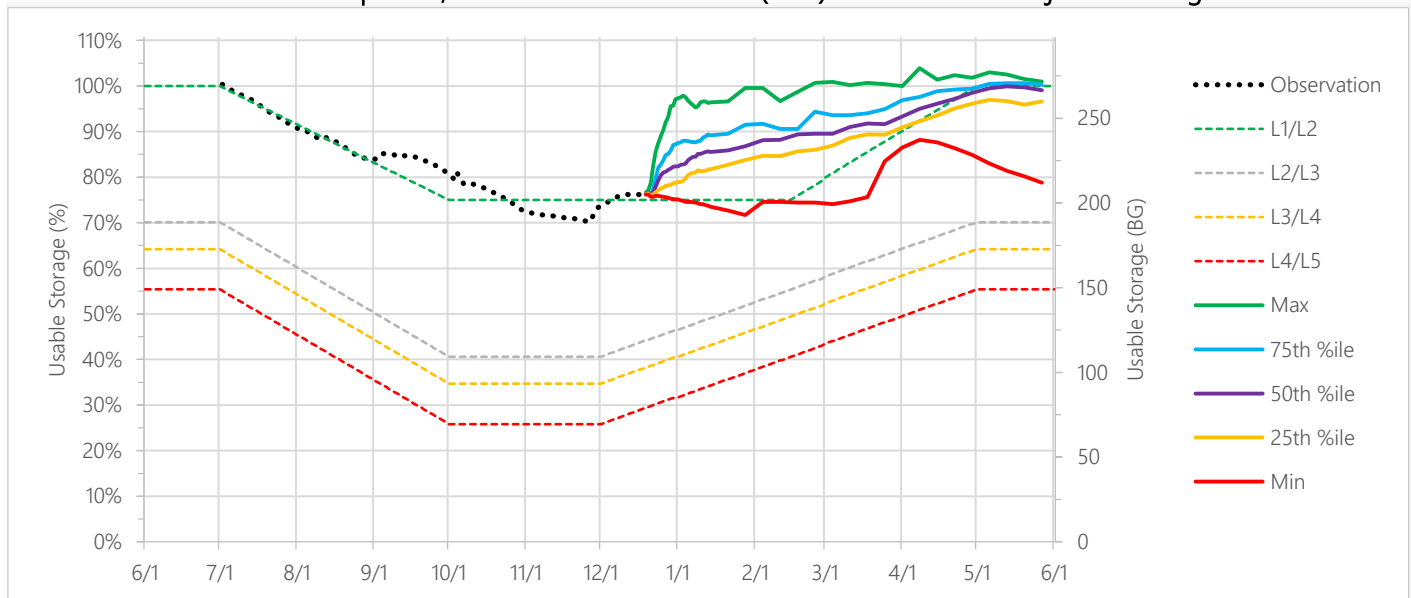
Discharge Mitigation Mass Balance

Current PCN Usable Storage:	206,440 MG
+ Current PCN Snow Storage:	* MG
+ PCN Inflow Forecast Accumulated 7 Days:	12,144 MG
- OST-FFMP Minimum Releases Accumulated 7 Days:	2,036 MG
- Expected PCN Diversion Accumulated 7 Days:	1,116 MG
- PCN Conditional Storage Objective:	243,783 MG
<hr/>	
= Estimated 7 Day PCN Excess over CSO:	0 MG

*Not applicable (snow storage is included in the forecast)

Comments:

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



General Releases + Discharge Mitigation Releases (cfs)

	General Release	Discharge Mitigation Release	Total
Pepacton	150		150
Cannonsville	225		225
Neversink	75		75
Total	450	0	450

General Releases are at Table(s) 4f/4g*

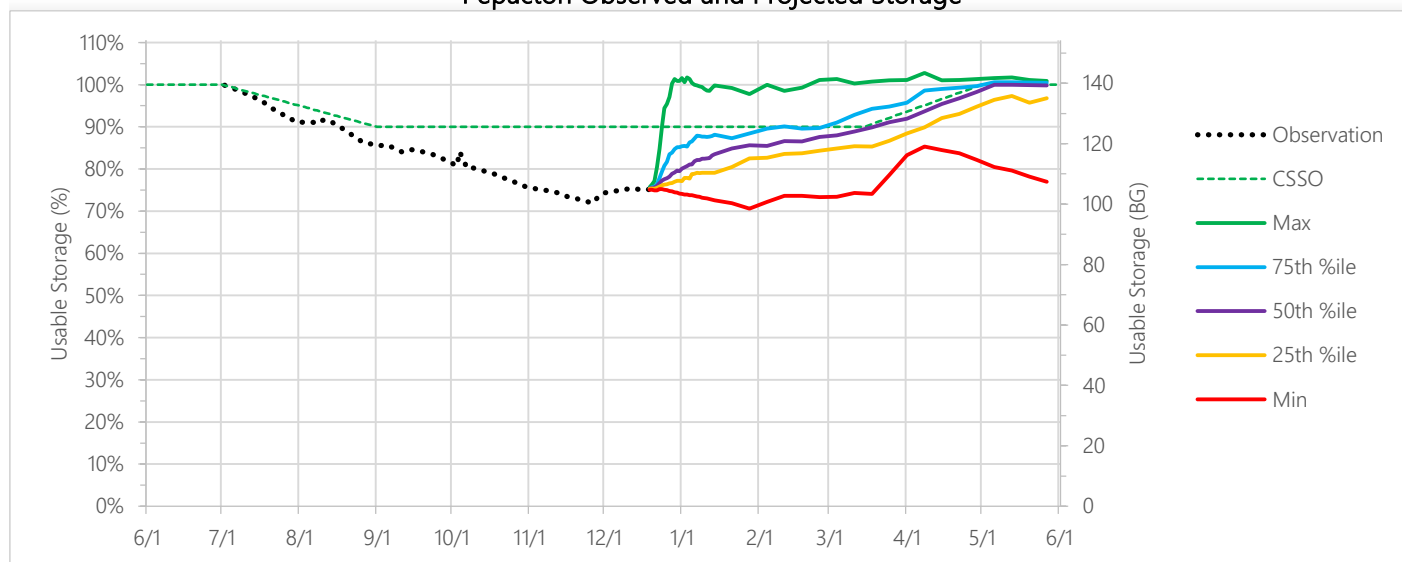
*Release rates are identical for the current storage zone

Comments:

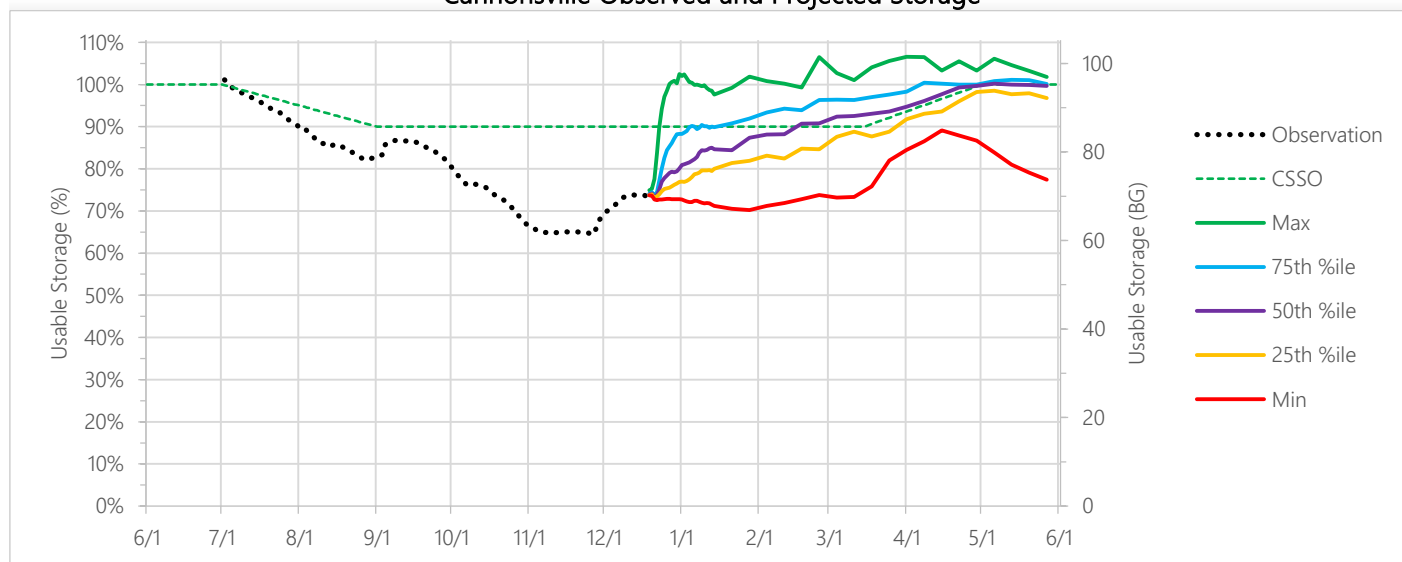
Cumulative Total Discharge Mitigation Releases since June 1, 2013

	Cumulative Releases (MG)
Pepacton	0
Cannonsville	0
Neversink	0
Total	0

Pepacton Observed and Projected Storage



Cannonsville Observed and Projected Storage



Neversink Observed and Projected Storage

