



NYC – Reservoir System Current Operations

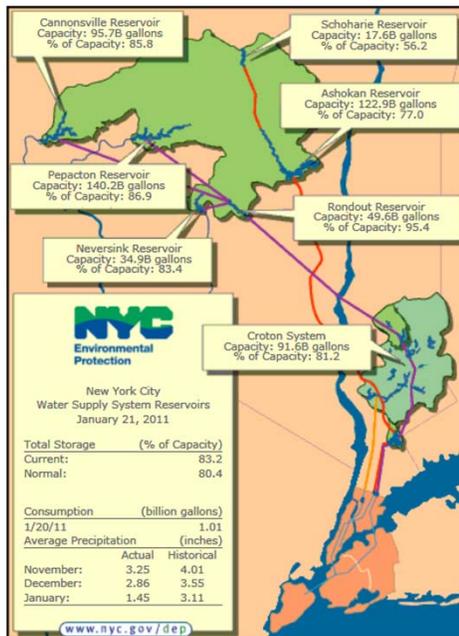
January 25, 2011

System Status



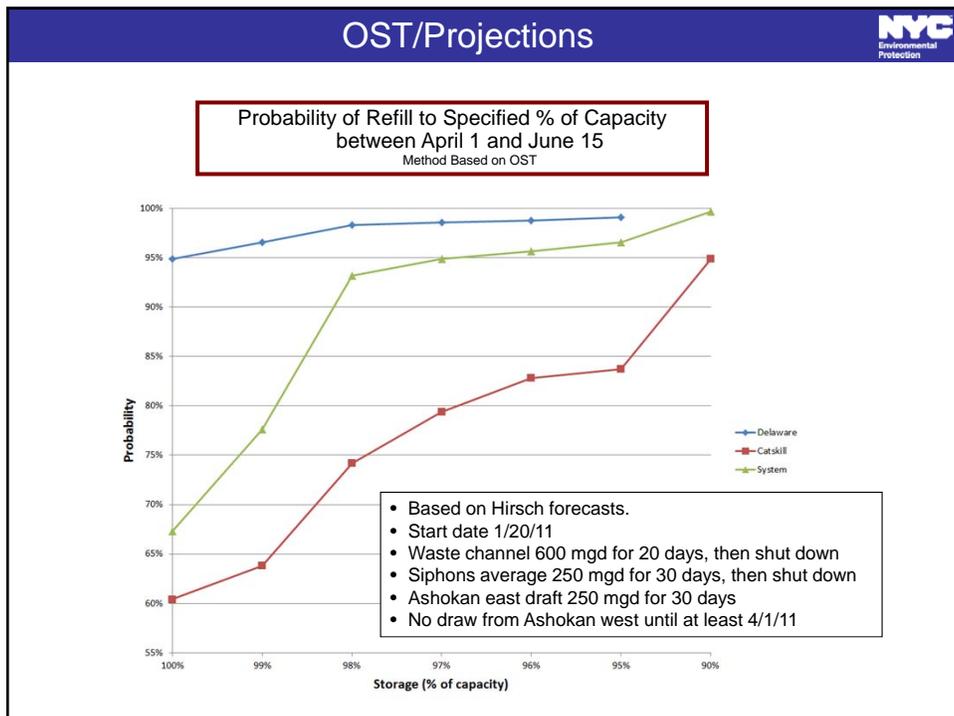
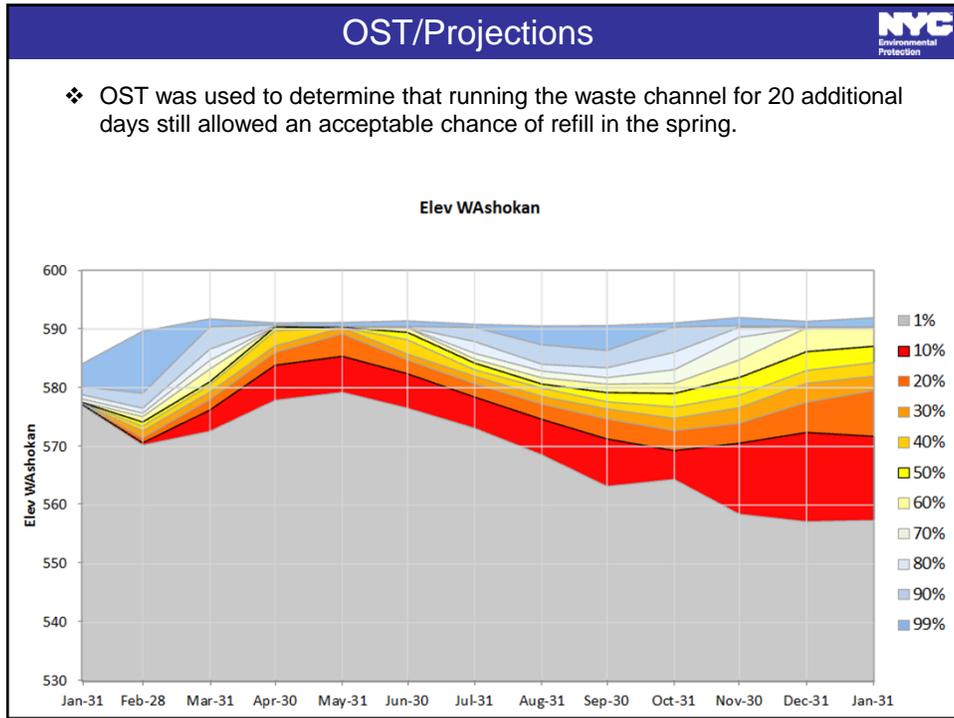
Consumption NYC + upstate communities

- ❖ October = 1.13 BGD
- ❖ November = 1.10 BGD
- ❖ December = 1.10 BGD
- ❖ January = 1.08 BGD



Current Status				
Water Supply System				
Reservoir	Storage %	Draft / Diversion MGD	Turbidity NTU	Release MGD
Rondout	96.0	840	0.78	10
Cannonsville	84.9	300	0.96	220
Pepacton	86.3	450	1.22	55
Neversink	83.5	0	2.32	42
Ashokan	76.1	350	8.56	Waste Channel 600
Schoharie	53.8	50	26.08	—
West Branch	25.7	1050	0.97	20
Kensico	90.7	1162	1.00	—

- NYC Operations – Catskill / Delaware**
- ❖ Catskill Aqueduct flow ranges between 100 – 250 MGD
 - ❖ Catskill Turbidity has been a significant challenge due to turbid inflow from recent storms
 - ❖ Ashokan Dividing Weir closed
 - ❖ Waste Channel remains activated
 - ❖ Shandaken Tunnel operating under modified combined minimum flow rate of 97 MGD – in agreement w/NYS-DEC
 - ❖ Delaware Reservoir projected diversions
 - ❖ Rondout: 840 MGD
 - ❖ Cannonsville: 300 MGD
 - ❖ Pepacton: 350 - 450 MGD
 - ❖ Neversink: 0 - 200 MGD
 - ❖ Rondout draft maximized since Oct-07



Plan moving forward



- ❖ Operate at reduced Ashokan flow until quality improves
- ❖ Maintain dependence upon Delaware System
- ❖ Continue to perform OST runs as well as water quality monitoring and modeling
- ❖ Exhaust West Branch & Boyds Reservoir storages
- ❖ If quality does not improve, consider Alum (Aluminum Sulfate) treatment for the Catskill Aqueduct diversion from Ashokan
 - ❖ Requires NYSDOH approval under NYSDEC SPDES permit

