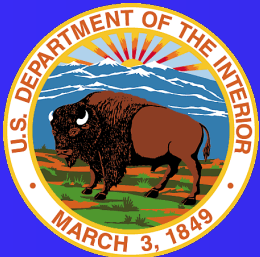


2022 Annual Operating Plan

October 26, 2021



**U.S. Fish and Wildlife Service
Regions 5 & 7
Water Resources**



Presentation Topics

- Summary of last water year
 - Net change -13,000 acre-feet
- Upcoming water year
 - Germination Suppression is focus
- Questions for group
 - Weekly meetings during release



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WY2021 EA Losses & Gains

Description	Gain (af)	Loss(af)
WY20 Carryover	116,289	
Leases & NCCW	19,935	
10%SNI	43,092	
Pathfinder	7,789	
Total Gain	70,816	
Spring W Crane		-12,496
Germination Suppression		-57,880
Evap & Seepage		-13,090
Total Use & Loss		-83,466
WY Change		-12,650



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EA Carryover Accounting

WY22 (Oct 2021 – Sep 2022)

<i>Source</i>	<i>Volume (af)</i>
WY2021 Carryover	103,639
CPNRD Lease (credited 10/1/2021)	14,208
NCCW (credited 10/1/2021)	314
CNPPID Lease (credited 10/1/2021)	773
NPPD Lease (credited 10/1/2021)	3,306
WY22 10% Storable Natural Inflows (estimated by CNPPID)	43,020
WY22 Pathfinder Deliveries (median 2012- 2021)	29,841
WY22 Evaporation & Seepage Loss (Oct – Sep) (median 2000-2020)	-9,034
Estimated WY22 EA Carryover (without releases)	186,067



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WY 2022 EA Priority Releases

<i>Dates</i>	<i>Target Flow (cubic feet/sec)</i>		<i>Purpose</i>	<i>Priority</i>	<i>Median Normal/Dry Shortage (kaf)</i>
	Wet/Normal	Dry			
Mar 23- May 10	2,400/2,400	1,700	Whooping crane	Medium	83.9/82.8
May 20 - Jun 20	3,400/3,400	800	Channel maintenance	Medium	153/23.5
Jun 1 - Jul 15	2,000/2,000	2,000	Germination suppression	High	72.9/98.9
Jun 21 – Sep 15	1,200/1,200	800	Terns & plovers, and aquatic community	Low	127/126



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Summary

- WY 2022
 - Ample water with little chance of reset
 - 186 kaf carryover if no release
 - Germination suppression is high priority
 - Normal shortage 73 kaf
 - Other releases will be situationally dependent (e.g., large spring runoff)
- Questions?
 - Interested in attending weekly meeting during releases?
 - Who else may attend?