

2021 Flow Augmentation - Prospects - June 25, 2021

System and Source	Volume (ac-ft)	Notes:
Upper Snake System		
Palisades Powerhead	94,401	157,000 acre-feet of space. Per the day of allocation June 17, 2021 storage report, 149,892 acre-feet allocation. Use Palisades Powerhead to meet balance necessary to reach 427 kaf after all other sources have been used.
Sho-Ban Tribes Pilot Rental	100	The Shoshone-Bannock Tribes provided 100 acre-feet to the flow augmentation program through a pilot program this year.
Rainbow Chart Rental	100,000	Final Amount Based on Rainbow Chart (Effective Nov 1st carryover of 2,005 kaf (which includes 20 kaf added to actual 11/1 contents to account for water rented to the supplemental pool for power during 2020) and April 1-Sept 30 forecast of 3,040 kaf = 80% of average).
Additional WD01 rentals	-	No additional rentals from WD01 were provided for flow augmentation this year.
Reclamation Uncontracted Space (Jackson, Palisades, and American Falls)	393	22,895 acre-feet of space (JCK (3,923 acre-feet), PAL (10,022 acre-feet), AMF (8,950 acre-feet)). The last-to-fill space in the Upper Snake (where Reclamation's 22 kaf of uncontracted space resides) did not receive any new fill this season due to the very dry conditions. Per the day of allocation June 17, 2021 storage report, there was a small amount of carryover in Reclamation's uncontracted space that will be used for flow augmentation this season.
Black Canyon exchange w/ Payette	-	No request was received from the Idaho Water Resource Board to implement the Black Canyon Exchange in 2021.
Total Upper Snake System	194,894	Releases began past Milner for flow augmentation on 5/3/2021 and were completed on 6/1/2021 for the first 177,602 ac-ft of flow augmentation water. An additional release of 17,292 ac-ft will be necessary past Milner and will begin on June 28 at approximately 750 cfs due to dry conditions in the Payette system.
Natural Flows		
Idaho	60,000	
Skyline	17,649	
Total Natural	77,649	
Payette System		
Reclamation Uncontracted Space (Cascade and Deadwood)	81,734	95,608 acre-feet of space (CSC (69,600 acre-feet), DED (26,008 acre-feet = 25,400 acre-feet USBR + 608 acre-feet Sisk Water). Reclamation's CSC space will only receive 55,726 acre-feet, while Reclamation's DED space will receive the full 26,008 acre-feet. Additional Palisades Powerhead will need to be released past Milner to make up for the shortfall.
WD65 rentals	36,530	Final rental amount based on phone conversation with WD65 Watermaster Ron Shurtleff on 6/25/2021. Additional Palisades Powerhead will need to be released past Milner to make up for the reduction in rental due to the dry conditions.
Black Canyon exchange w/ Upper Snake	-	No request was received from the Idaho Water Resource Board to implement the Black Canyon Exchange in 2021.
Total Payette System	118,264	Releases for flow augmentation began out of Cascade and Deadwood on June 13 and arrived at the Letha gauge on June 15 with approximately 1,250 cfs being delivered for flow aug. Flow aug targets to meet the BiOp requirements are 40 kaf released from Cascade by Jun 30, 26 kaf released from Deadwood by Jul 15. The remainder will be released by Aug 31.
Boise System		
Reclamation Uncontracted Space (Lucky Peak)	-	40,932 acre-feet of space. No allocation to this space due to dry conditions.
Anderson Ranch Powerhead	36,193	36,956 acre-feet of space. Full amount of available Anderson Powerhead was delivered to contribute to the 427 kaf.
WD63 rentals	-	Per WD63 Assistant Watermaster Mike Meyers e-mail on 5/7/2021, no rental was available from the Boise basin this season.
Total Boise System	36,193	Releases began May 17 and ended on June 7.
Total Estimated 2021 Flow Augmentation Volume	427,000	