Hells Canyon Complex Operations Update

John Hildreth
May 12, 2022

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2022 IPC Flood Control Outlook

May Idaho Water Supply Committee Meeting

Idaho Collaborative Cloud Seeding Program Update

May 12, 2022

WY 2022
Idaho Collaborative Cloud Seeding Program

Central Mountains

- 32 IPC Remote Ground Generators
- 2 Aircraft

Upper Snake

- 25 IPC Remote Ground Generators
- 1 Aircraft
- 25 Let It Snow Manual Ground Generators

Across the Program

- High Resolution WRF Weather Model
- WRF-WxMod Module
- High Resolution weather instrumentation

WY2022

Cloud Seeding Operations WY2022	7-year April Average	WY2022 April	7-Year Nov-Apr Average	WY2022 Nov-Apr
Central Mountains				
GGENS	49	164	2291	2184
Aircraft Hours	-	-	150	73
Aircraft BIPs	-	-	769	248
Aircraft EJs	-	-	4653	1427
Total Days Where Seeding Occurred	2	3	50	41
Days That Ground Seeding Occurred	2	3	39	33
Days That Airborne Seeding Occurred	-	-	30	16
Upper Snake				
GGENS	45	87	1662	1308
Aircraft Hours*	-	-	58	54
Aircraft BIPs*	-	-	271	309
Aircraft EJs*	-	-	953	741
Total Days Where Seeding Occurred	1	1	40	32
Days That Ground Seeding Occurred	1	1	37	19
Days That Airborne Seeding Occurred*	-	-	18	16

* 6-Year Average

Questions?