Hells Canyon Complex Operations Update

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April 15, 2022

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Flood Risk Management
March Outlook

1-Apr Water Supply Forecast									
Project >>	MCDB	ARDB	LIB	DCDB	HGH	GCL	BRN	DWR	TDA
Apr-Jul, kaf	-	-	-	-	-	-	3278	2367	-
Apr-Jul %-**Normal (2)**	-	-	-	-	-	-	64%	96%	-
Apr-Jul **Change**, kaf **(1)**	-	-	-	-	-	-	-394	-302	-
Apr-Aug, kaf	12727	24662	6992	2314	-	61846	-	-	86007
Apr-Aug %-**Normal (2)**	114%	111%	115%	113%	-	106%	-	-	96%
Apr-Aug **Change**, kaf **(1)**	-119	-297	20	-25	-	413	-	-	-379
May-Sep, kaf	-	-	-	-	1600	-	-	-	-
May-Sep %-**Normal (2)**	-	-	-	-	90%	-	-	-	-
May-Sep **Change**, kaf **(1)**	-	-	-	-	-100	-	-	-	-

System Draft Requirements									
Project >>	MCDB	ARDB	LIB VarQ	DCDB	HGH VarQ	GCL	BRN	DWR Sys	DWR Loc
Jan. 31, kaf	1609	1749	2851	857	407	0	0	1122	1127
Feb. 28/29, kaf	2810	2603	3417	1215	471	0	299	1248	1248
Mar. 15, kaf	-	-	-	1270	-	-	-	-	-
Mar. 31, kaf	4080	3600	3209	1270	470	1442	237	1117	1116
Apr. 15, kaf	-	-	-	-	381	2395	111	681	681
Apr. 30, kaf	4080	3600	3238	1270	400	2903	0	960	-

System Elevation Requirements									
Project >>	MCDB	ARDB	LIB VarQ	DCDB	HGH VarQ	GCL	BRN	DWR Sys	DWR Loc
Jan. 31, ft	-	1430.1	2384.6	1839.3	3542.2	1290.0	2077.0	1528.2	1527.8
Feb. 28/29, ft	-	1422.9	2363.9	1812.5	3539.3	1290.0	2053.7	1518.6	1518.6
Mar. 15, ft	-	-	-	1807.7	-	-	-	-	-
Mar. 31, ft	-	1414.1	2371.8	1807.7	3539.3	1271.5	2059.1	1528.6	1528.6
Apr. 15, ft	-	-	-	-	3543.4	1258.2	2069.1	1559.5	1559.5
Apr. 30, ft	-	1414.1	2370.7	1807.7	3542.5	1250.7	2077.0	1540.0	-

2022 IPC Flood Control Outlook

April Idaho Water Supply Committee Meeting

Idaho Collaborative Cloud Seeding Program Update

April 15, 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 Nov-Feb Average	2021-22 Nov-Feb	7-Year Mar Average	2022 Mar	7-Year Nov-Mar Average	2021-22 Nov-Mar
Central Mountains						
GGENS	1717	1688	189	301	1906	1989
Aircraft Hours	129	63	10	12	139	76
Aircraft BIPs	636	195	46	53	682	248
Aircraft EJs	3635	1374	168	56	3803	1430
Upper Snake						
GGENS	1196	1030	166	182	1363	1212
Aircraft Hours*	53	45	2	7	56	51
Aircraft BIPs*	258	295	6	14	264	309
Aircraft EJs*	925	724	0	17	925	741

* 6-Year Average

Questions?