

<b>ICF Storage Corrections &amp; GCL Underdraft Adjustments For Flood Risk Management (1)</b>						<b>WY 2021</b>
<b>MCDB</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
May-Jul; Inflow minus Outflow, kaf	7586	7374	7684	7437	6978	
Projected Space Available, 30-Apr, kaf	9185	9508	8649	9634	9776	
Required Flood Risk Draft, kaf	4080	4080	4080	3831	3007	
Storage Adjustment to TDA, kaf	7586	7374	7684	7437	6978	
<b>LIB</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
May-Jul; Inflow minus Outflow, kaf	4414	4218	4219	3862	3652	
Projected Space Available, 30-Apr, kaf	2572	2383	2384	2039	2250	
Required Flood Risk Draft, kaf	2572	2383	2384	2039	1778	
Storage Adjustment to TDA, kaf	2572	2383	2384	2039	2250	
<b>DCDB</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
May-Jul; Inflow minus Outflow, kaf	1678	1622	1682	1672	1584	
Projected Space Available, 30-Apr, kaf	1399	1399	1399	1399	1392	
Required Flood Risk Draft, kaf	1270	1270	1270	1270	1270	
Storage Adjustment to TDA, kaf	1399	1399	1399	1399	1392	
<b>HGH</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
May-Jul; Inflow minus Outflow, kaf	1530	1390	1516	1349	1368	
Projected Space Available, 30-Apr, kaf	714	500	692	698	750	
Required Flood Risk Draft, kaf	714	500	692	437	400	
Storage Adjustment to TDA, kaf	714	500	692	698	750	
<b>DWR</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
May-Jul; Inflow minus Outflow, kaf	1807	1503	1815	1713	1340	
Projected Space Available, 30-Apr, kaf	1387	1083	1395	1293	1206	
Required Flood Risk Draft, kaf	1387	1083	1395	1293	686	
Storage Adjustment to TDA, kaf	1387	1083	1395	1293	1206	
<b>ARDB</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
Projected Space Available, 30-Apr, kaf	3600	3600	3832	3778	3676	
Required Flood Risk Draft, kaf	3600	3600	3600	3385	2667	
Storage Adjustment to TDA, kaf	3600	3600	3600	3600	3600	
<b>BRN</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
Projected Space Available, 30-Apr, kaf	210	198	205	42	458	
Required Flood Risk Draft, kaf	210	198	205	42	0	
Storage Adjustment to TDA, kaf	210	198	205	42	458	
<b>GCL</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
Projected Space Available, 30-Apr, kaf	2279	2433	2227	1341	1614	
Unadjusted Required Flood Risk Draft, kaf	2279	2433	2227	1341	626	
Adjustment For Upstream Storage Underdraft, kaf	0	0	0	0	0	
Required Flood Risk Draft, kaf	2279	2433	2227	1341	626	
Storage Adjustment to TDA, kaf	2279	2433	2227	1341	1614	
<b>FIXED STORAGE CORRECTIONS</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
SKQ, kaf	500	500	500	500	500	
NOX, kaf	0	0	0	0	0	
ALF, kaf	500	500	500	500	500	
JDA, kaf	158	158	158	158	158	
Irrigation Adjustment, kaf	2028	2028	2028	2028	2028	
<b>INITIAL CONTROLLED FLOW CALCULATIONS (2)</b>	<b>1-JAN</b>	<b>1-FEB</b>	<b>1-MAR</b>	<b>1-APR</b>	<b>1-MAY</b>	
TDA May-Aug Forecast, kaf	69415	70135	69246	66313	64461	
Total Correction Upstream of TDA, kaf	22932	22155	22773	21035	21434	
Adjusted TDA Forecast, kaf	46483	47980	46473	45278	43027	
Initial Controlled Flow (ICF), kcfs	286	297	286	277	260	
<b>Notes:</b>						
1 Monthly values for months other than the current month may differ from previous monthly issuances due to updated streamflow, precipitation, or snow data.						
2 See Chart 2 of <i>Columbia River Treaty Flood Control Operating Plan</i> , Corps of Engineers, Northwestern Division, 2003.						
<b>Questions?</b> Contact Ron Malmgren 503-808-3975, Ron Thomasson 503-808-3994, or Kasi Whorley 503-808-3950.						