

24-Sep-21

**REPORT OF NAVIGATION CHANNELS**

EP 1130-2-520

**COLUMBIA RIVER - OREGON & WASHINGTON**  
 MULTNOMAH FALLS UPPER RANGE THROUGH  
 ENTRANCE TO BONNEVILLE LOCKS

Minimum depths in each 1/4 or 1/2  
 width of channel entering from seaward

<b>Authorized Project</b> NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Mid-Channel for half project width Feet	Right Outside Quarter Feet
<b>PRESENTLY MAINTAINED AT 17 FEET</b>							
<i>Tomahawk Island Bar through Entrance to Bonneville maintained to 17'</i>							
<b>MULTNOMAH FALLS UP RGE.</b>	<b>8-Sep-21</b>						
Multnomah Falls Turn (136.4 - 137.0)		300	0.6	27	19	20	20
Multnomah Falls Up. Rge (137.0 - 140.2)		300	3.2	27	22	26	27
<b>WARRENDALE CHANNEL</b>	<b>8-Sep-21</b>						
McGowans Channel (140.2 - 141.3)		300	1.1	27	37	28	24
Warrendale Lwr. Rge. (141.3 - 142.2)		300	0.9	27	22	21	21
Warrendale Up. Rge. (142.3 - 143.0)		300	0.7	27	20	27	22
Hamilton Island Reach (143.0 - 144.0)		300	1.0	27	23	27	27
<b>BONNEVILLE DAM</b>	<b>9-Sep-21</b>						
Ent. To Bonneville Lks (144.0 - 144.6)		300	0.6	27	27	33	21
Ent. To Bonneville Lks (144.6 - 145.2)		300	0.6	27	18	15	17

ENG Form 4021-R (Nov 1990)  
 Reference is Navigation Chart No. 18531.  
 Note: All Depths at Columbia River Datum.

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