Revised bathymetry of the eastern Aleutian Islands, Alaska

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Megan Prescott – GIS Technician
Bathymetry Progress Completed (Year)

- Eastern Bering Sea Slope (2018)
- Norton Sound (2015)
- Cook Inlet (2014)
- Aleutian Islands (2013, revision 2017-19)
- Central Gulf of Alaska (2015)

http://www.afsc.noaa.gov/RACE/groundfish/bathymetry/
Estimating size and depth of Aleutian Passes

THE ALASKAN STREAM
by
Felix Favorite
Biological Laboratory, Bureau of Commercial Fisheries
Seattle, Washington, June 1965

<table>
<thead>
<tr>
<th>Location</th>
<th>Pass or Strait</th>
<th>Area (m² × 10⁶)</th>
<th>Max. sill depth (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>163°W–165°W</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alaska Peninsula to</td>
<td>1 False</td>
<td>0.1</td>
<td>35</td>
</tr>
<tr>
<td>Krenitzin Islands</td>
<td>2 Unimak</td>
<td>0.9</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>3 Ugakak</td>
<td>0.2</td>
<td>45</td>
</tr>
</tbody>
</table>

Figure 3. Aleutian-Komandorski island chain showing major passes (see Table 1).
Area +22%  Max. depth +24%

Area -62%  Max. depth +60%

Area +49%  Max. depth +107%
Aleutian Islands bathymetry

• smooth sheet details important
• continuous shore-to-shore coverage critical
• completing revision in 2019