### Sheet 7: Hydrological Ecosystem Services

**Basin:** TonleSap  
**Period:** 2007_07

#### Provisioning Services

<table>
<thead>
<tr>
<th>Service</th>
<th>PLU</th>
<th>ULU</th>
<th>MLU</th>
<th>MWU</th>
<th>Sum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Runoff</td>
<td>3.0</td>
<td>3.9</td>
<td>2.8</td>
<td>1.0</td>
<td>10.8 km³/m</td>
</tr>
<tr>
<td>Natural Water Storages</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>- km³</td>
</tr>
<tr>
<td>Inland Capture Fisheries</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>- t/y</td>
</tr>
<tr>
<td>Natural Feed Production</td>
<td>0.0</td>
<td>0.2</td>
<td>0.1</td>
<td>1.2</td>
<td>1052.0 t/m</td>
</tr>
<tr>
<td>Natural Fuel Wood Production</td>
<td>12.0</td>
<td>87.7</td>
<td>35.8</td>
<td>136.8</td>
<td>272.3 t/m</td>
</tr>
</tbody>
</table>

#### Regulating Services

<table>
<thead>
<tr>
<th>Service</th>
<th>PLU</th>
<th>ULU</th>
<th>MLU</th>
<th>MWU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry Season Baseflow</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Groundwater Recharge</td>
<td>1.2</td>
<td>1.8</td>
<td>1.4</td>
<td>0.5</td>
</tr>
<tr>
<td>Root Zone Water Storage</td>
<td>10.5</td>
<td>14.0</td>
<td>8.4</td>
<td>2.5</td>
</tr>
<tr>
<td>Atmospheric Water Recycling</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Peak Flow Attenuation</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Carbon Sequestration</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Red. in Greenhouse Gas Emissions</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Micro-climate cooling</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Natural Reduction of Eutrophication</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reduction in Soil Erosion</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### Habitat Services

<table>
<thead>
<tr>
<th>Service</th>
<th>PLU</th>
<th>ULU</th>
<th>MLU</th>
<th>MWU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meeting Env. Flow Requirements</td>
<td>-</td>
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</table>

#### Cultural Services

<table>
<thead>
<tr>
<th>Service</th>
<th>PLU</th>
<th>ULU</th>
<th>MLU</th>
<th>MWU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leisure</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

The table above provides a summary of hydrological ecosystem services for the Tonle Sap basin during the period 2007_07. The data is categorized into provisioning, regulating, and habitat services, each with specific metrics for each service category.