<table>
<thead>
<tr>
<th><strong>DAM</strong></th>
<th><strong>OWNER</strong></th>
<th>City of San Diego</th>
<th><strong>RIVER</strong></th>
<th>Cottonwood Creek</th>
<th><strong>STATE</strong></th>
<th>California</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SEC.</strong></td>
<td><strong>14</strong></td>
<td><strong>TWP.</strong></td>
<td>17</td>
<td><strong>S. RANGE</strong></td>
<td>4</td>
<td><strong>E.</strong></td>
</tr>
<tr>
<td><strong>STREAM BED ELEV.</strong></td>
<td><strong>2882</strong></td>
<td><strong>NEAREST TOWN</strong></td>
<td>San Diego</td>
<td><strong>COUNTY</strong></td>
<td>San Diego</td>
<td></td>
</tr>
<tr>
<td><strong>ELEVATION TOP OF POOL</strong></td>
<td><strong>3044.9</strong></td>
<td><strong>SURFACE AREA ACRES</strong></td>
<td>1,687</td>
<td><strong>STORAGE ACRE- FEET</strong></td>
<td>66,767</td>
<td><strong>ACCUMULATED ACRE- FEET</strong></td>
</tr>
<tr>
<td><strong>DATE STORAGE BEGAN</strong></td>
<td>March 1910</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>WATERSHED</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LENGTH OF RESERVOIR</strong></td>
<td><strong>3.9</strong></td>
<td><strong>AV. WIDTH OF RESERVOIR</strong></td>
<td><strong>MILES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL DRAINAGE AREA</strong></td>
<td><strong>112.0</strong></td>
<td><strong>SQ. MI.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NET SEDIMENT CONTRIBUTING AREA</strong></td>
<td><strong>109.4</strong></td>
<td><strong>SQ. MI.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DATE NORMAL OPER. BEGAN</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LENGTH</strong></td>
<td><strong>MILES</strong></td>
<td><strong>AV. WIDTH</strong></td>
<td><strong>AC. FT.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MAX. ELEV.</strong></td>
<td><strong>6000</strong></td>
<td><strong>MIN. ELEV.</strong></td>
<td><strong>2882</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CLIMATIC CLASSIFICATION</strong></td>
<td>Sub-humid</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DATE OF SURVEY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PERIOD ANNUAL PRECIPITATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DATE OF SURVEY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PERIOD WATER INFLOW ACRE- FEET</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SURVEY DATA</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AV. DRY WTG. LBS. PER CUB. FT.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DATE OF SURVEY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PERIOD SEDIMENT DEPOSITS ACRE- FEET</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AV. DEP. TONS PER SQ. MI.-YR.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AV. DRY WTG. LBS. PER CUB. FT.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DATE OF SURVEY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SED. DEP. PER SQ. MI.-YR.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DATE OF SURVEY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STORAGE LOSS PCT.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DATE OF SURVEY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SED. INFLOW PPM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Assumed
### Table: Depth Designation Range in Feet Above and Below, Crest Elevation

<table>
<thead>
<tr>
<th>Depth Designation Range</th>
<th>Percent of Total Sediment Located Within Depth Designation</th>
</tr>
</thead>
</table>

### Table: Reach Designation Percent of Total Original Length of Reservoir

<table>
<thead>
<tr>
<th>Date of Survey</th>
<th>Percent of Total Sediment Located Within Reach Designation</th>
</tr>
</thead>
</table>

### Table: Range in Reservoir Operation

|------------|------------|------------|----------------|------------|------------|------------|----------------|

### Table: Elevation-Area-Capacity Data

<table>
<thead>
<tr>
<th>Elevation</th>
<th>Area</th>
<th>Capacity</th>
<th>Elevation</th>
<th>Area</th>
<th>Capacity</th>
<th>Elevation</th>
<th>Area</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,039.4</td>
<td>1,540</td>
<td>50,129</td>
<td>3,000</td>
<td>491</td>
<td>11,725</td>
<td>2,960</td>
<td>101</td>
<td>1,253</td>
</tr>
<tr>
<td>3,030</td>
<td>1,232</td>
<td>37,140</td>
<td>2,990</td>
<td>367</td>
<td>7,454</td>
<td>2,950</td>
<td>60</td>
<td>458</td>
</tr>
<tr>
<td>3,020</td>
<td>982</td>
<td>26,107</td>
<td>2,980</td>
<td>252</td>
<td>4,379</td>
<td>2,940</td>
<td>24</td>
<td>49</td>
</tr>
<tr>
<td>3,010</td>
<td>711</td>
<td>17,691</td>
<td>2,970</td>
<td>140</td>
<td>2,449</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Remarks and References

1/ Based on revised 1935 range survey and resurvey of ranges in 1948 to gage elevation 162.5, spillway level in 1935 (3044.9).

2/ Contour map prepared in 1948. Capacity to present spillway gage elevation of 157.0.

---


Agency Supplying Data: Region 7, Soil Conservation Service

Date: August 31, 1950

U. S. Department of Agriculture

Portland, Oregon