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### Abiquiu Reservoir

#### Historical Storage

<table>
<thead>
<tr>
<th>Date</th>
<th>Category</th>
<th>Otowi Volume (ac-ft)</th>
<th>SIC Storage (ac-ft)</th>
<th>Flood Control Storage (ac-ft)</th>
<th>Total Storage (ac-ft)</th>
<th>Elevation (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>03 Jun 75</td>
<td>Wet</td>
<td>1,185,800</td>
<td>0</td>
<td>110,300</td>
<td>110,300</td>
<td>6193.86</td>
</tr>
<tr>
<td>19 May 76</td>
<td>Dry</td>
<td>682,500</td>
<td>27,340</td>
<td>10,240</td>
<td>37,580</td>
<td>6161.44</td>
</tr>
<tr>
<td>03 Jun 77</td>
<td>Very Dry</td>
<td>296,500</td>
<td>24,170</td>
<td>3,150</td>
<td>27,320</td>
<td>6153.10</td>
</tr>
<tr>
<td>01 Jun 78</td>
<td>Dry</td>
<td>699,900</td>
<td>18,432</td>
<td>38,748</td>
<td>57,180</td>
<td>6172.91</td>
</tr>
<tr>
<td>28 Jun 79</td>
<td>Very Wet</td>
<td>1,888,700</td>
<td>27,093</td>
<td>119,807</td>
<td>146,900</td>
<td>6205.26</td>
</tr>
<tr>
<td>14 Jun 80</td>
<td>Very Wet</td>
<td>1,392,200</td>
<td>41,942</td>
<td>156,458</td>
<td>198,400</td>
<td>6219.65</td>
</tr>
<tr>
<td>01 Oct 81</td>
<td>Very Dry</td>
<td>416,900</td>
<td>36,087</td>
<td>97,313</td>
<td>133,400</td>
<td>6202.35</td>
</tr>
<tr>
<td>04 Jun 82</td>
<td>Wet</td>
<td>1,183,500</td>
<td>34,402</td>
<td>50,138</td>
<td>84,540</td>
<td>6185.80</td>
</tr>
<tr>
<td>14 Jun 83</td>
<td>Very Wet</td>
<td>1,402,500</td>
<td>88,382</td>
<td>87,118</td>
<td>175,500</td>
<td>6213.89</td>
</tr>
<tr>
<td>29 May 84</td>
<td>Very Wet</td>
<td>1,343,100</td>
<td>138,913</td>
<td>96,087</td>
<td>235,000</td>
<td>6228.09</td>
</tr>
<tr>
<td>12 Jun 85</td>
<td>Very Wet</td>
<td>2,169,100</td>
<td>180,666</td>
<td>202,114</td>
<td>382,780</td>
<td>6256.23</td>
</tr>
<tr>
<td>27 Jul 86</td>
<td>Very Wet</td>
<td>1,806,900</td>
<td>188,732</td>
<td>130,429</td>
<td>319,161</td>
<td>6246.74</td>
</tr>
<tr>
<td>22 Jun 87</td>
<td>Very Wet</td>
<td>1,662,200</td>
<td>186,992</td>
<td>215,226</td>
<td>402,258</td>
<td>6261.06</td>
</tr>
<tr>
<td>28 May 91</td>
<td>Very Wet</td>
<td>1,239,000</td>
<td>170,467</td>
<td>86,389</td>
<td>256,856</td>
<td>6235.24</td>
</tr>
<tr>
<td>07 Jun 93</td>
<td>Very Wet</td>
<td>1,489,400</td>
<td>177,818</td>
<td>86,654</td>
<td>264,472</td>
<td>6236.81</td>
</tr>
<tr>
<td>22 Jun 95</td>
<td>Very Wet</td>
<td>1,692,000</td>
<td>185,291</td>
<td>120,653</td>
<td>305,944</td>
<td>6244.90</td>
</tr>
</tbody>
</table>


Very dry flows are those below 691,000 af/year, dry flows are between 691,000 and 703,1000 af/year, average flows are between 703,100 and 1,072,000 af/year, wet flows are between 1,072,000 and 1,222,300 af/year and very wet flows are between 1,072,000 and 1,222,3000 af/year and higher. The amount in the flood control storage column is what could have been held in a conservation pool if space permitted. Keep in mind that in 1985, 1986, and 1987 Elephant Butte was full. The volumes in the flood control storage are with us getting up to channel capacity below Abiquiu and not cutting back for flood control below EB or SM Railroad Bridge. From the above table it can be seen that 20,000, 50,000, and 100,000 ac-ft could be stored in a conservation pool if enough space exists. The limitation or storing higher then 100,000 would be not enough space below 6220. The table illustrates why the waivers and conservation pool are something that can help with water management in the basin under the right conditions.

**Flood pool begins at 6235'.**

**Rain channel capacity (1800 cfs) below Abiquiu 75% of the time.**

**Authorized conservation pool now can only store below 6220.**

Space will be freed up when SIC begins being used. Potential to store native water in Abiquiu.

Only authorized to store up to 6220.

**Problem for irrigators is 1800 cfs in May & June.**
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