

**Table H-2: Springflow statistics resulting from the model runs.**

Run	Maximum pumping (acre-feet per year)	Description	Comal springflow (cubic feet per second)			San Marcos springflow (cubic feet per second)		
			Min. 1 month ave.	Min. 6 month ave.	Long-term ave.	Min. 1 month ave.	Min. 6 month ave.	Long-term ave.
Historical	NA	1947-2000	<i>0</i>	<i>4</i>	270	<i>54</i>	<i>61</i>	158
<b>Criteria</b>	<b>NA</b>	<b>Task 1</b>	<b>30</b>	<b>75</b>	<b>225</b>	<b>65</b>	<b>80</b>	<b>140</b>
1	572,000	sb3	<i>0</i>	<i>0</i>	<b>184</b>	<i>10</i>	<i>20</i>	153
<b>2</b>	<b>0</b>	<b>fixed Q</b>	<b>288</b>	<b>290</b>	<b>526</b>	<b>89</b>	<b>92</b>	<b>203</b>
3	100,000	fixed Q	183	190	436	72	<b>74</b>	187
4	200,000	fixed Q	75	87	367	<b>60</b>	<b>63</b>	177
5	300,000	fixed Q	<i>0</i>	<i>1</i>	294	<b>36</b>	<b>45</b>	167
6	400,000	fixed Q	<i>0</i>	<i>0</i>	<b>212</b>	<i>0</i>	<i>0</i>	155
7	500,000	fixed Q	<i>0</i>	<i>0</i>	<b>129</b>	<i>0</i>	<i>0</i>	<b>137</b>
8	572,000	fixed Q	<i>0</i>	<i>0</i>	<b>72</b>	<i>0</i>	<i>0</i>	<b>116</b>
9	437,000	sensitivity.	<i>0</i>	<i>0</i>	229	<b>26</b>	<b>35</b>	158
10	437,000	sensitivity.	<i>0</i>	<i>0</i>	<b>222</b>	<b>15</b>	<b>25</b>	157
11	572,000	CPM adjust.	<i>0</i>	<b>3</b>	<b>195</b>	<b>40</b>	<b>48</b>	154
12	572,000	CPM adjust.	<b>22</b>	<b>38</b>	<b>200</b>	<b>54</b>	<b>57</b>	155
13	572,000	CPM adjust.	57	<b>73</b>	<b>202</b>	<b>59</b>	<b>62</b>	155
14	250,000	fixed Q	<b>19</b>	<b>35</b>	331	<b>54</b>	<b>57</b>	172
15	350,000	fixed Q	<i>0</i>	<i>0</i>	254	<b>10</b>	<b>20</b>	162
16	572,000	sensitivity	<i>0</i>	<i>0</i>	<b>189</b>	<b>16</b>	<b>25</b>	153
17	572,000	sensitivity	<i>0</i>	<i>0</i>	<b>176</b>	<i>0</i>	<b>6</b>	151
18	437,000	sensitivity	<i>0</i>	<b>3</b>	<b>217</b>	<b>41</b>	<b>48</b>	157
19	437,000	sensitivity	<b>23</b>	<b>39</b>	<b>222</b>	<b>55</b>	<b>57</b>	157
20	437,000	sensitivity	38	<b>60</b>	<b>224</b>	<b>57</b>	<b>59</b>	157
21	572,000	sensitivity	59	<b>74</b>	<b>207</b>	<b>59</b>	<b>61</b>	155
22	572,000	sensitivity	55	78	<b>208</b>	<b>60</b>	<b>61</b>	155
23	572,000	sensitivity	29	<b>64</b>	<b>199</b>	<b>59</b>	<b>61</b>	155
24	572,000	sensitivity	58	<b>74</b>	<b>207</b>	<b>59</b>	<b>61</b>	155
28	572,000	sensitivity	41	<b>70</b>	<b>224</b>	<b>59</b>	<b>61</b>	157
29	572,000	sensitivity	47	75	<b>213</b>	<b>59</b>	<b>61</b>	156
30	572,000	sensitivity	33	83	<b>216</b>	<b>53</b>	<b>61</b>	156
31	572,000	sensitivity	38	87	<b>223</b>	70	<b>73</b>	178
<b>32-40</b>	<b>40,000</b>	<b>fixed Q</b>	<b>244</b>	<b>246</b>	<b>475</b>	<b>78</b>	<b>80</b>	<b>193</b>
32-55	55,000	fixed Q	230	233	466	77	<b>79</b>	192
32-65	65,000	fixed Q	220	224	459	76	<b>78</b>	191
32-75	75,000	fixed Q	210	214	452	75	<b>77</b>	190
33	572,000	CPM adjust	42	84	225	<b>54</b>	<b>62</b>	157
34	572,000	CPM adjust	**	**	**	**	**	**
35	572,000	CPM adjust	**	**	**	**	**	**
36	572,000	CPM adjust	**	**	**	**	**	**
37	572,000	CPM adjust	**	**	**	**	**	**
<b>38</b>	<b>572,000</b>	<b>CPM adjust</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>**</b>

\*\* To be determined

Runs 25, 26, and 27 were withdrawn.

Runs in **red** and shaded meet all of the springflow criteria shown in **blue**. Springflows in **bold italics** do not meet the springflow criteria.

adjust. = adjustment; ave. = average; CPM = critical period management; Min. = minimum; NA = not applicable; Q = pumping; sb3 = Senate Bill 3.

**Figure H-4:** Predicted discharge statistics for Comal and San Marcos springs with different levels of constant pumping compared to the biological flow regime requirements.

