

**Attachment 2: Storage and Elevation Results (CalSim 3)**

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## Attachment 2: Storage and Elevation Results (CalSim 3)

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The following results of the CalSim 3 model are included for reservoir storage and elevation conditions for the following scenarios:

- Baseline Conditions (Updated) (040424)
- Alternative 1 plus Cumulative Projects (102023)

Title	Model Parameter	Table Numbers	Figure Numbers
San Luis Reservoir SWP Storage	S_SLUIS_SWP	4G-2-1-1a to 4G-2-1-1c	4G-2-1a to 4G-2-1l
San Luis Reservoir Storage	Post-Processed	4G-2-2-1a to 4G-2-2-1c	4G-2-2a to 4G-2-2l
San Luis Reservoir Elevation	Post-Processed	4G-2-3-1a to 4G-2-3-1c	4G-2-3a to 4G-2-3l

Report formats:

- Monthly tables comparing two scenarios (exceedance values, long-term average, and average by water year type).
- Monthly exceedance charts (all months) including all scenarios.

**Table 4G-2-1-1a. San Luis SWP Storage, Baseline Conditions (Updated) 040424, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	723	818	1,011	1,010	1,067	1,067	1,067	947	860	829	807	725
20% Exceedance	624	750	829	852	1,009	1,067	965	867	687	653	664	624
30% Exceedance	535	671	725	741	868	981	920	740	548	549	560	553
40% Exceedance	478	550	639	700	775	804	741	628	474	472	480	494
50% Exceedance	380	467	573	656	702	737	626	508	397	412	412	393
60% Exceedance	314	388	499	574	653	673	575	436	307	382	373	347
70% Exceedance	266	284	433	534	588	596	533	388	238	319	336	291
80% Exceedance	207	222	329	436	479	520	436	304	192	273	309	243
90% Exceedance	157	144	187	324	373	423	339	215	78	221	261	200
<b>Full Simulation Period Average<sup>a</sup></b>	<b>420</b>	<b>488</b>	<b>581</b>	<b>638</b>	<b>716</b>	<b>755</b>	<b>684</b>	<b>566</b>	<b>428</b>	<b>470</b>	<b>476</b>	<b>442</b>
<b>Wet Water Years (30%)</b>	<b>510</b>	<b>624</b>	<b>723</b>	<b>776</b>	<b>879</b>	<b>931</b>	<b>914</b>	<b>807</b>	<b>665</b>	<b>678</b>	<b>668</b>	<b>636</b>
<b>Above Normal Water Years (11%)</b>	<b>415</b>	<b>504</b>	<b>617</b>	<b>685</b>	<b>781</b>	<b>822</b>	<b>707</b>	<b>568</b>	<b>401</b>	<b>468</b>	<b>547</b>	<b>523</b>
<b>Below Normal Water Years (21%)</b>	<b>459</b>	<b>533</b>	<b>624</b>	<b>665</b>	<b>708</b>	<b>732</b>	<b>608</b>	<b>445</b>	<b>271</b>	<b>367</b>	<b>456</b>	<b>470</b>
<b>Dry Water Years (22%)</b>	<b>403</b>	<b>453</b>	<b>541</b>	<b>581</b>	<b>620</b>	<b>648</b>	<b>553</b>	<b>423</b>	<b>295</b>	<b>376</b>	<b>331</b>	<b>254</b>
<b>Critical Water Years (16%)</b>	<b>227</b>	<b>211</b>	<b>290</b>	<b>388</b>	<b>506</b>	<b>553</b>	<b>519</b>	<b>469</b>	<b>389</b>	<b>345</b>	<b>291</b>	<b>242</b>

**Table 4G-2-1-1b. San Luis SWP Storage, Alternative 1 plus Cumulative 102023, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	850	945	1,067	1,067	1,067	1,067	1,067	1,052	915	879	857	887
20% Exceedance	720	840	974	928	1,066	1,067	1,014	938	710	740	753	721
30% Exceedance	596	744	785	789	871	988	909	883	670	592	611	637
40% Exceedance	492	599	686	718	804	799	761	706	490	529	543	584
50% Exceedance	454	493	621	688	754	736	660	552	433	442	467	475
60% Exceedance	352	444	545	623	700	700	610	499	346	411	414	380
70% Exceedance	292	335	459	565	603	644	565	453	315	347	369	319
80% Exceedance	240	261	390	461	478	476	415	371	243	326	313	255
90% Exceedance	177	167	183	295	370	395	328	252	90	236	286	231
<b>Full Simulation Period Average<sup>a</sup></b>	<b>478</b>	<b>541</b>	<b>625</b>	<b>671</b>	<b>735</b>	<b>756</b>	<b>700</b>	<b>625</b>	<b>476</b>	<b>511</b>	<b>521</b>	<b>506</b>
<b>Wet Water Years (30%)</b>	<b>574</b>	<b>681</b>	<b>760</b>	<b>798</b>	<b>893</b>	<b>936</b>	<b>927</b>	<b>886</b>	<b>728</b>	<b>734</b>	<b>735</b>	<b>759</b>
<b>Above Normal Water Years (11%)</b>	<b>462</b>	<b>548</b>	<b>679</b>	<b>736</b>	<b>805</b>	<b>820</b>	<b>735</b>	<b>645</b>	<b>446</b>	<b>510</b>	<b>583</b>	<b>598</b>
<b>Below Normal Water Years (21%)</b>	<b>513</b>	<b>582</b>	<b>675</b>	<b>701</b>	<b>732</b>	<b>726</b>	<b>631</b>	<b>526</b>	<b>340</b>	<b>425</b>	<b>506</b>	<b>512</b>
<b>Dry Water Years (22%)</b>	<b>461</b>	<b>511</b>	<b>584</b>	<b>614</b>	<b>640</b>	<b>643</b>	<b>551</b>	<b>438</b>	<b>321</b>	<b>395</b>	<b>367</b>	<b>290</b>
<b>Critical Water Years (16%)</b>	<b>287</b>	<b>263</b>	<b>322</b>	<b>430</b>	<b>524</b>	<b>571</b>	<b>545</b>	<b>508</b>	<b>415</b>	<b>365</b>	<b>307</b>	<b>260</b>

**Table 4G-2-1-1c. San Luis SWP Storage, Alternative 1 plus Cumulative 102023 minus Baseline Conditions (Updated) 040424, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	126	56	57	0	0	0	105	55	50	49	161
20% Exceedance	96	90	145	76	57	0	49	70	23	87	89	97
30% Exceedance	61	73	61	47	3	7	-10	143	121	43	50	84
40% Exceedance	14	50	48	18	29	-5	20	78	16	57	63	89
50% Exceedance	74	25	48	33	52	-1	34	44	36	30	55	82
60% Exceedance	38	56	45	48	47	27	35	63	39	29	41	33
70% Exceedance	26	52	26	31	15	48	32	66	77	28	33	28
80% Exceedance	32	39	61	25	-1	-44	-21	67	51	53	3	12
90% Exceedance	20	22	-4	-29	-3	-27	-11	37	12	15	25	31
<b>Full Simulation Period Average<sup>a</sup></b>	<b>58</b>	<b>53</b>	<b>43</b>	<b>34</b>	<b>19</b>	<b>2</b>	<b>15</b>	<b>59</b>	<b>48</b>	<b>41</b>	<b>45</b>	<b>65</b>
<b>Wet Water Years (30%)</b>	<b>64</b>	<b>57</b>	<b>37</b>	<b>22</b>	<b>14</b>	<b>5</b>	<b>13</b>	<b>79</b>	<b>63</b>	<b>56</b>	<b>67</b>	<b>123</b>
<b>Above Normal Water Years (11%)</b>	<b>47</b>	<b>44</b>	<b>62</b>	<b>51</b>	<b>24</b>	<b>-2</b>	<b>28</b>	<b>77</b>	<b>45</b>	<b>42</b>	<b>37</b>	<b>75</b>
<b>Below Normal Water Years (21%)</b>	<b>54</b>	<b>49</b>	<b>51</b>	<b>36</b>	<b>25</b>	<b>-7</b>	<b>23</b>	<b>81</b>	<b>68</b>	<b>59</b>	<b>50</b>	<b>42</b>
<b>Dry Water Years (22%)</b>	<b>57</b>	<b>58</b>	<b>43</b>	<b>34</b>	<b>20</b>	<b>-6</b>	<b>-3</b>	<b>15</b>	<b>26</b>	<b>19</b>	<b>35</b>	<b>36</b>
<b>Critical Water Years (16%)</b>	<b>60</b>	<b>52</b>	<b>32</b>	<b>41</b>	<b>17</b>	<b>19</b>	<b>25</b>	<b>39</b>	<b>26</b>	<b>20</b>	<b>16</b>	<b>18</b>

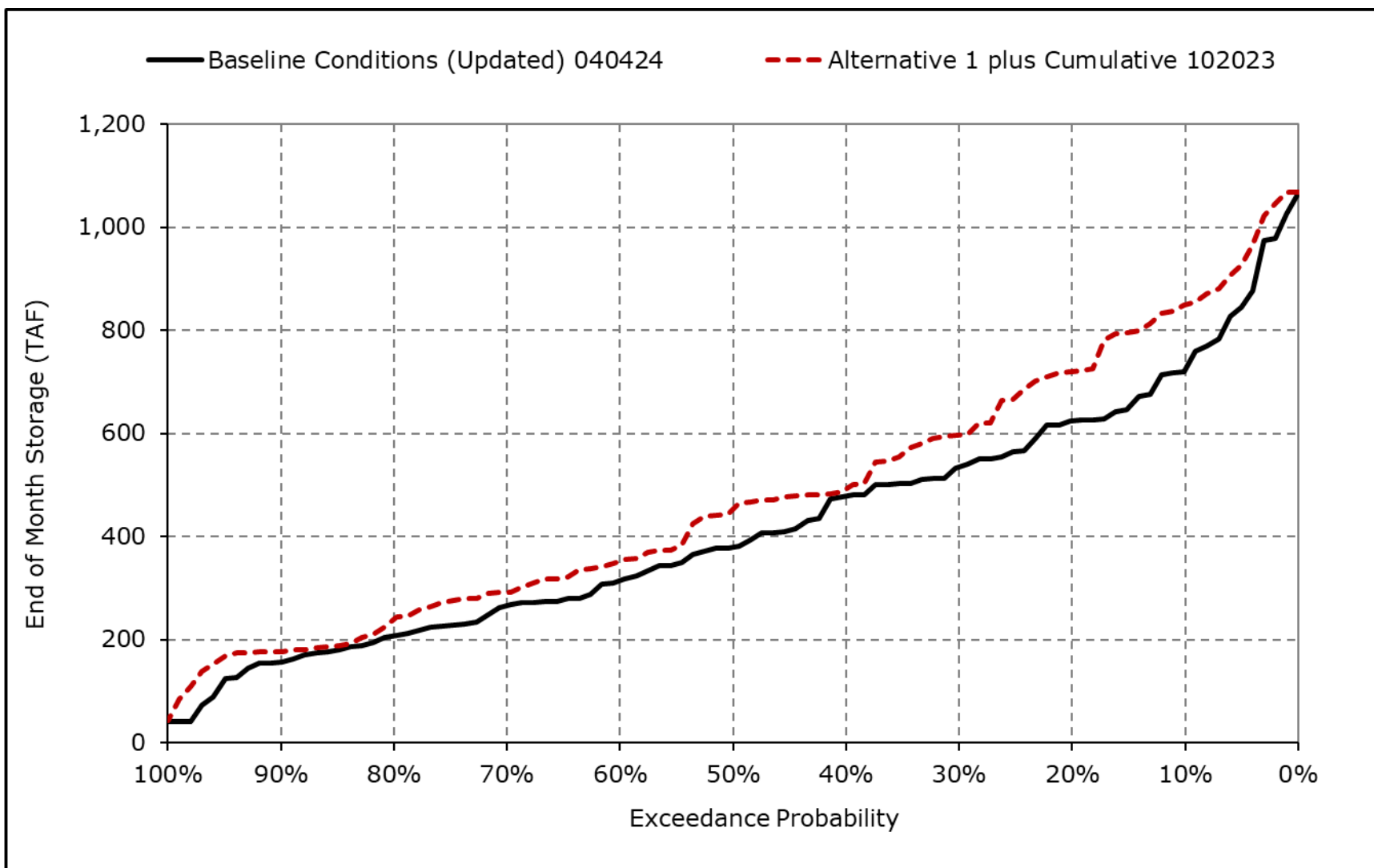
<sup>a</sup> Based on the 100-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

\* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

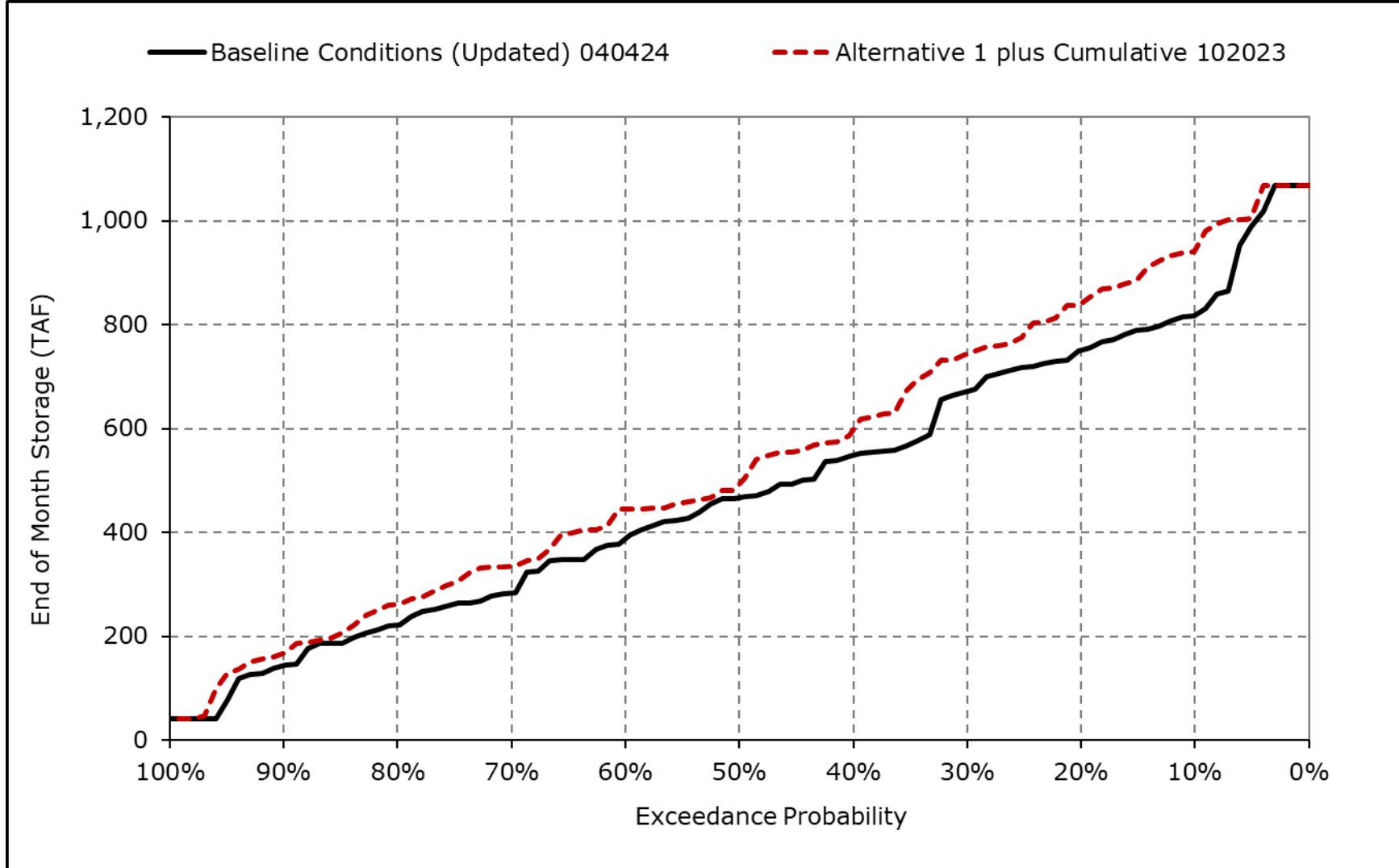
\* Water Year Types results are displayed with water year - year type sorting.

**Figure 4G-2-1a. San Luis SWP Storage, October**



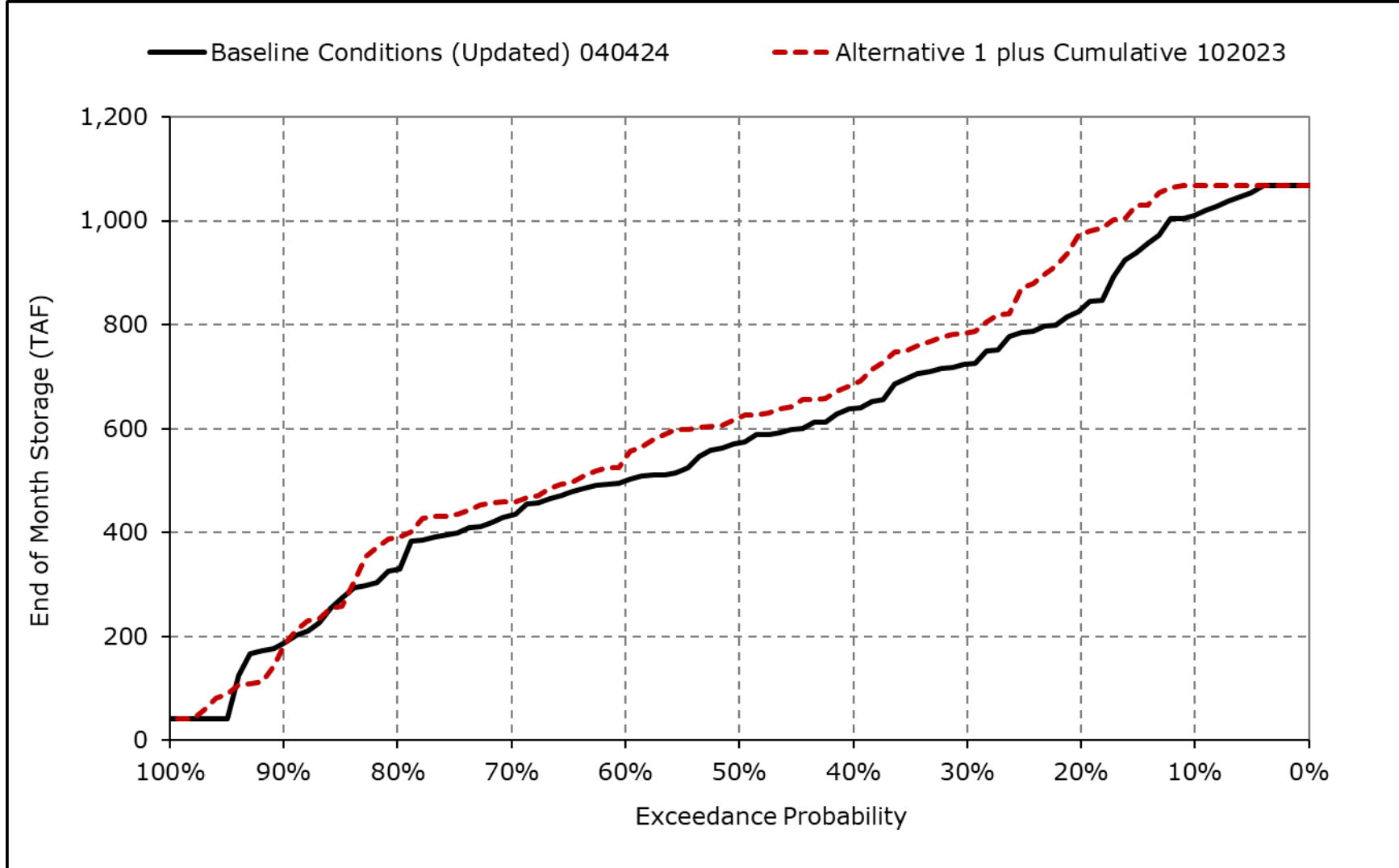
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1b. San Luis SWP Storage, November**



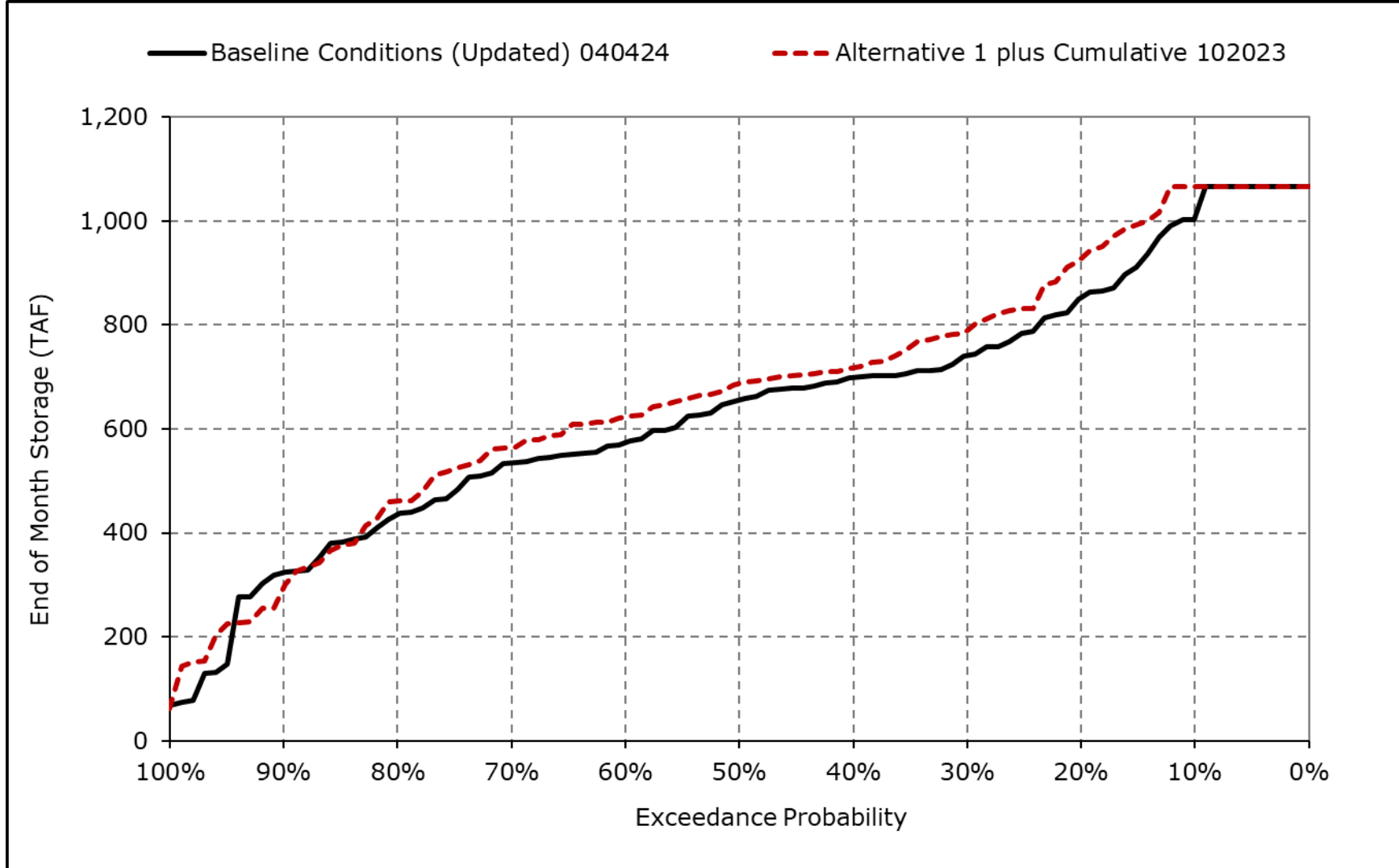
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1c. San Luis SWP Storage, December**



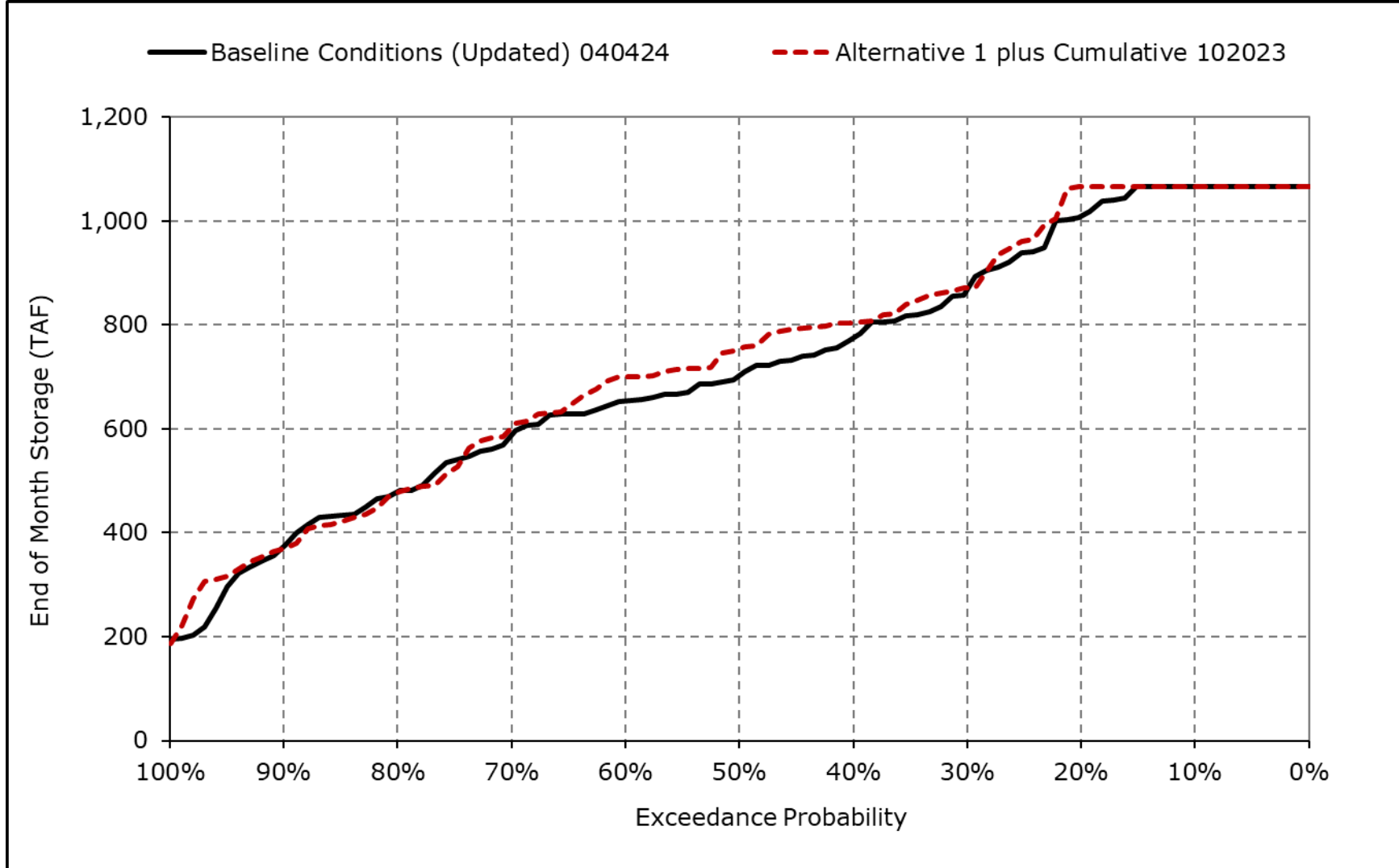
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1d. San Luis SWP Storage, January**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

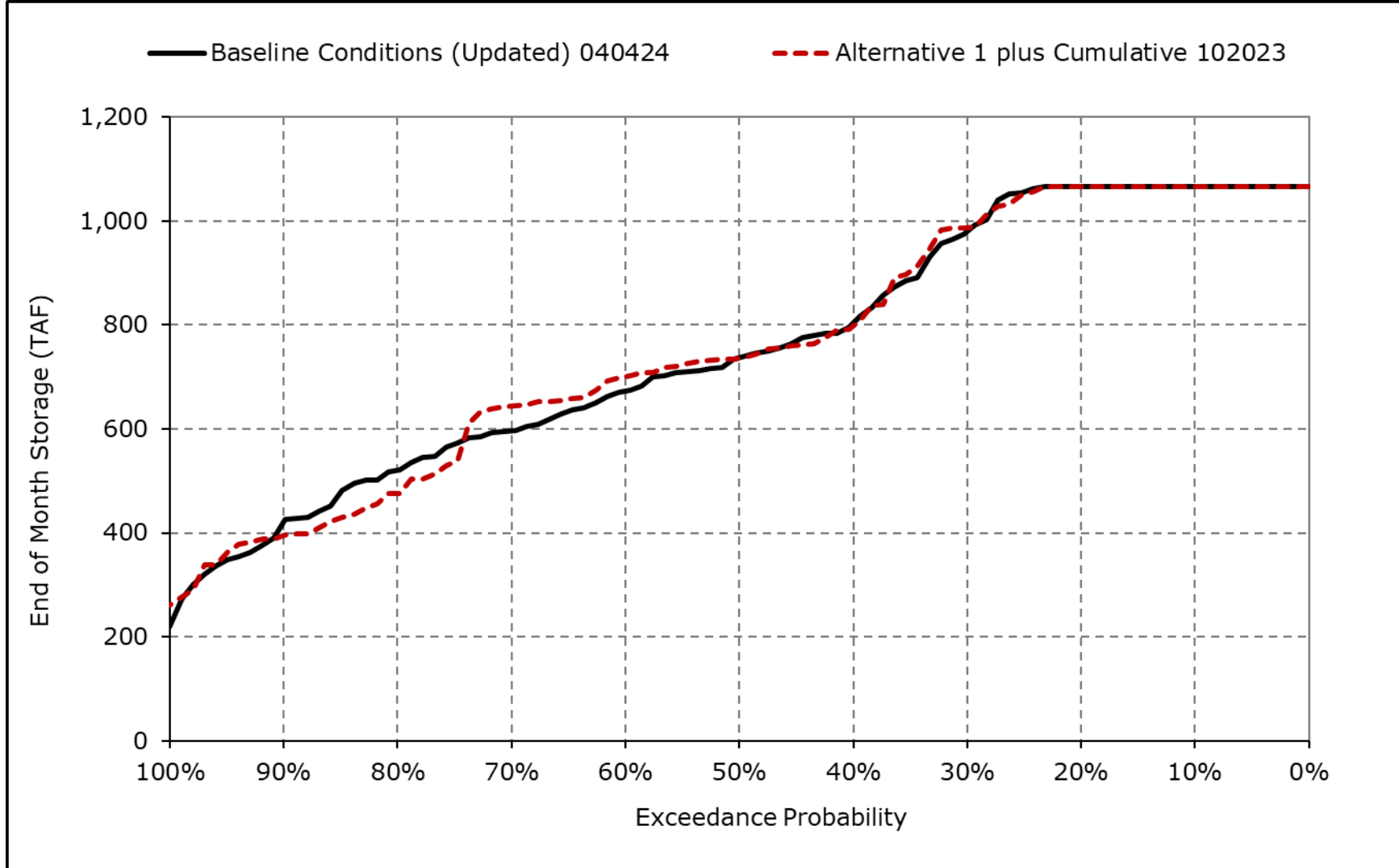
**Figure 4G-2-1e. San Luis SWP Storage, February**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

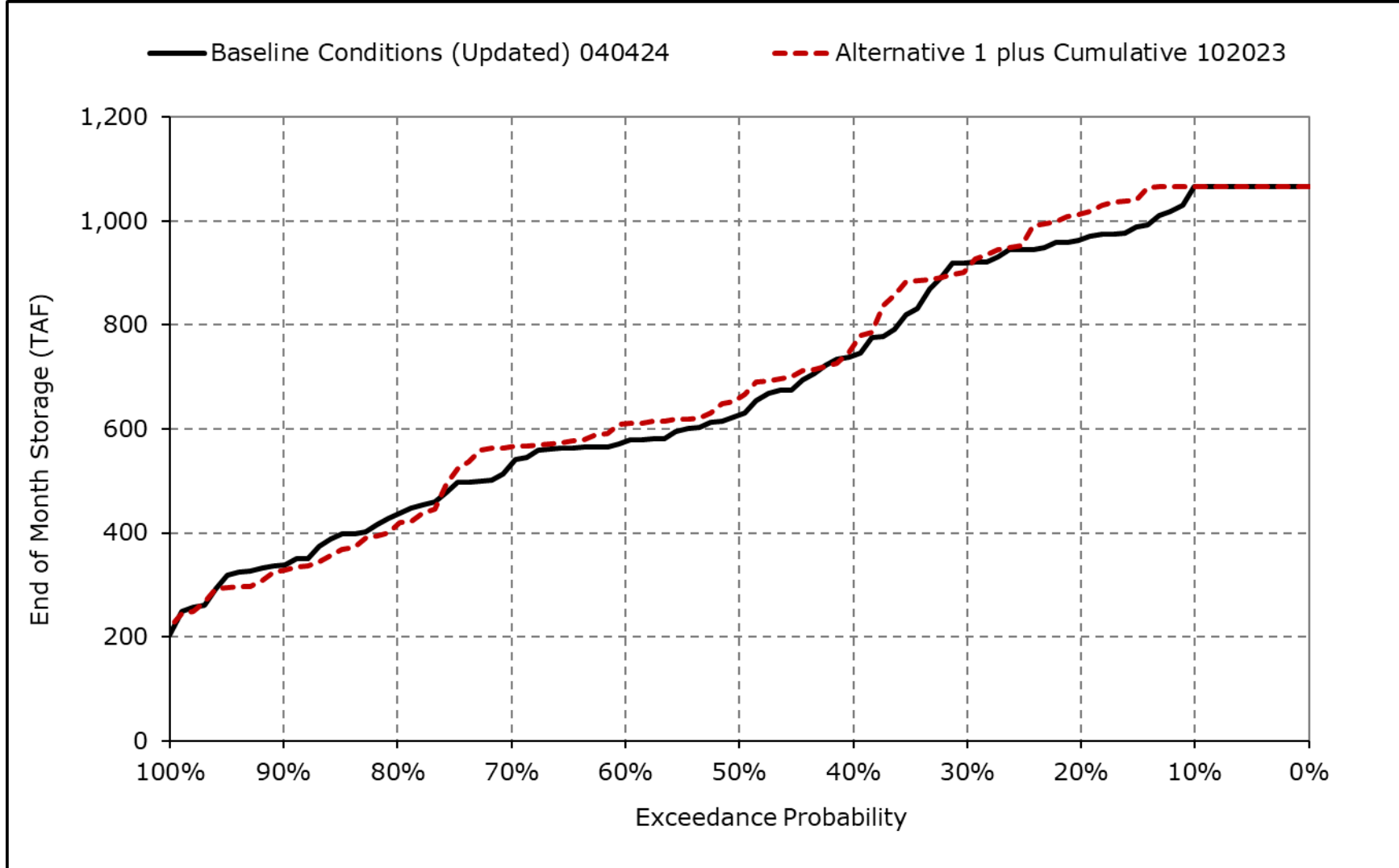


**Figure 4G-2-1f. San Luis SWP Storage, March**



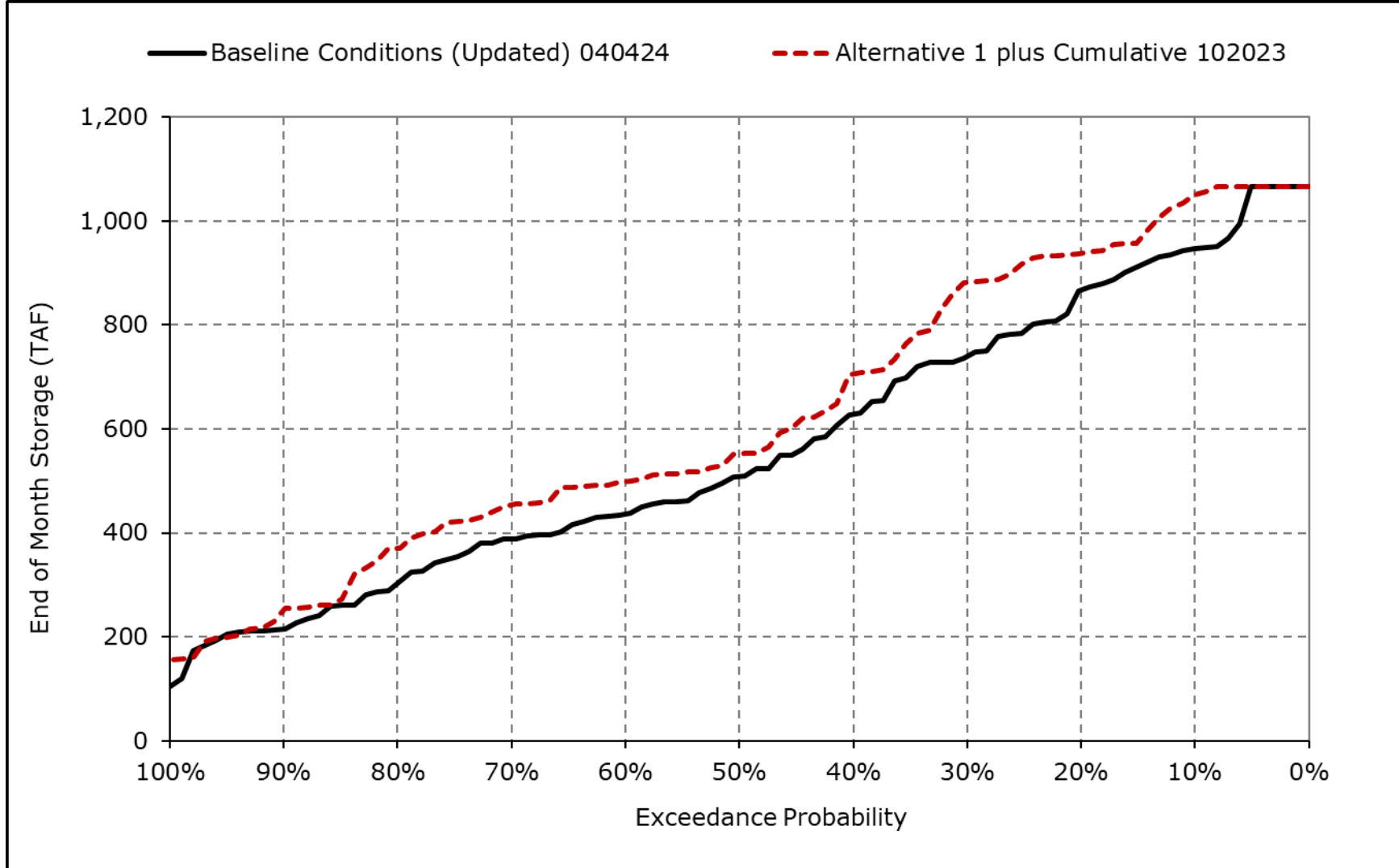
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1g. San Luis SWP Storage, April**



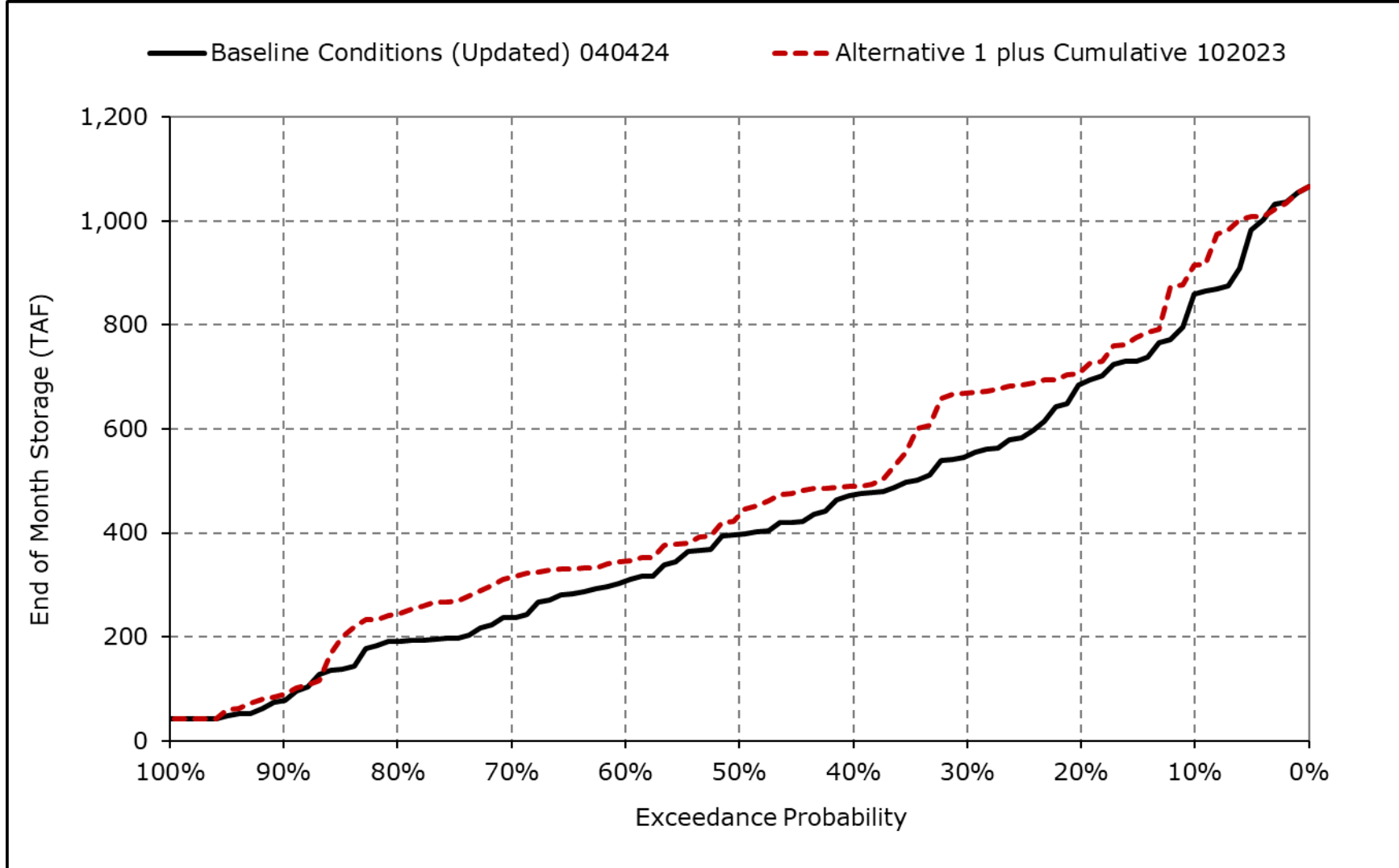
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1h. San Luis SWP Storage, May**



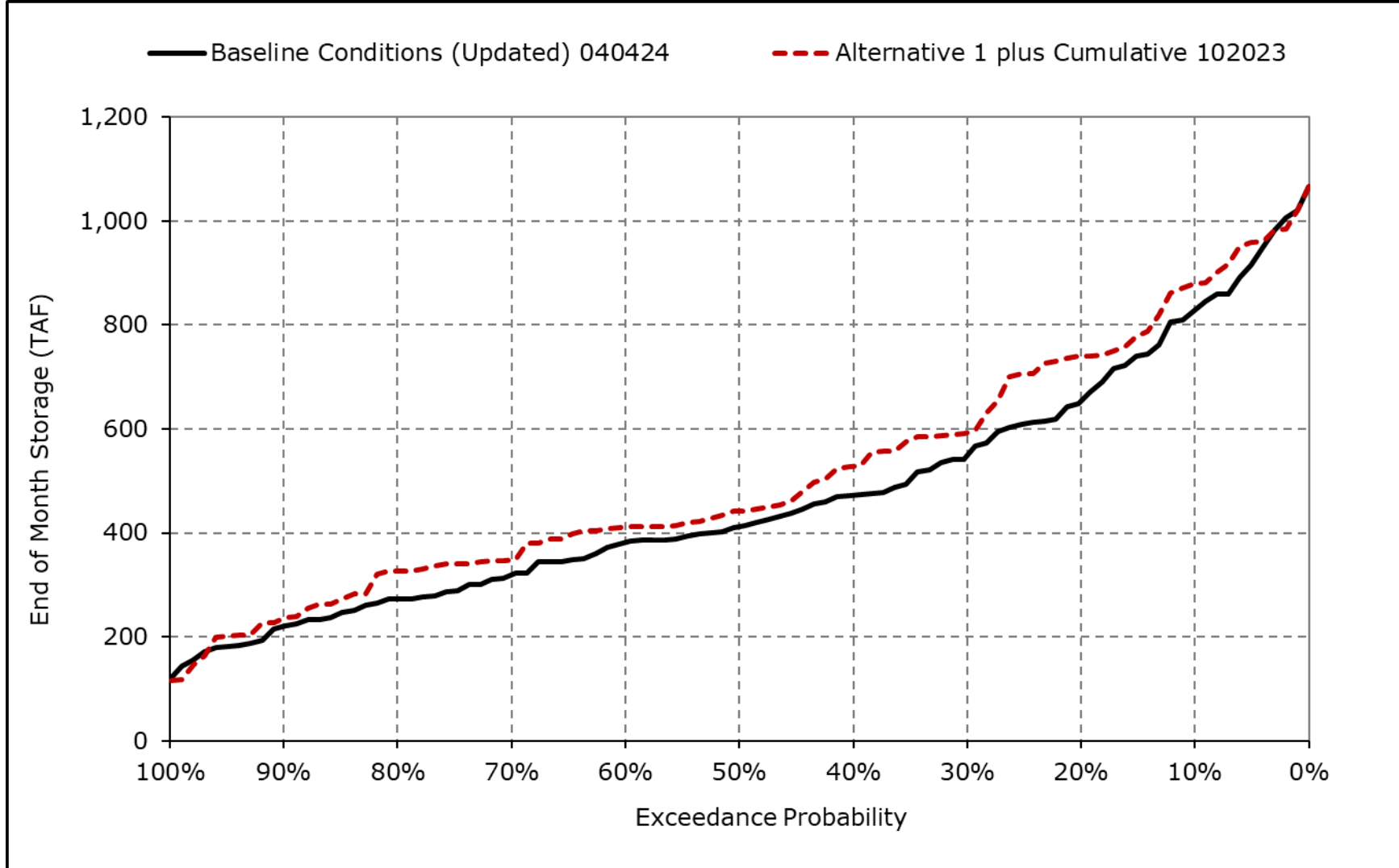
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1i. San Luis SWP Storage, June**



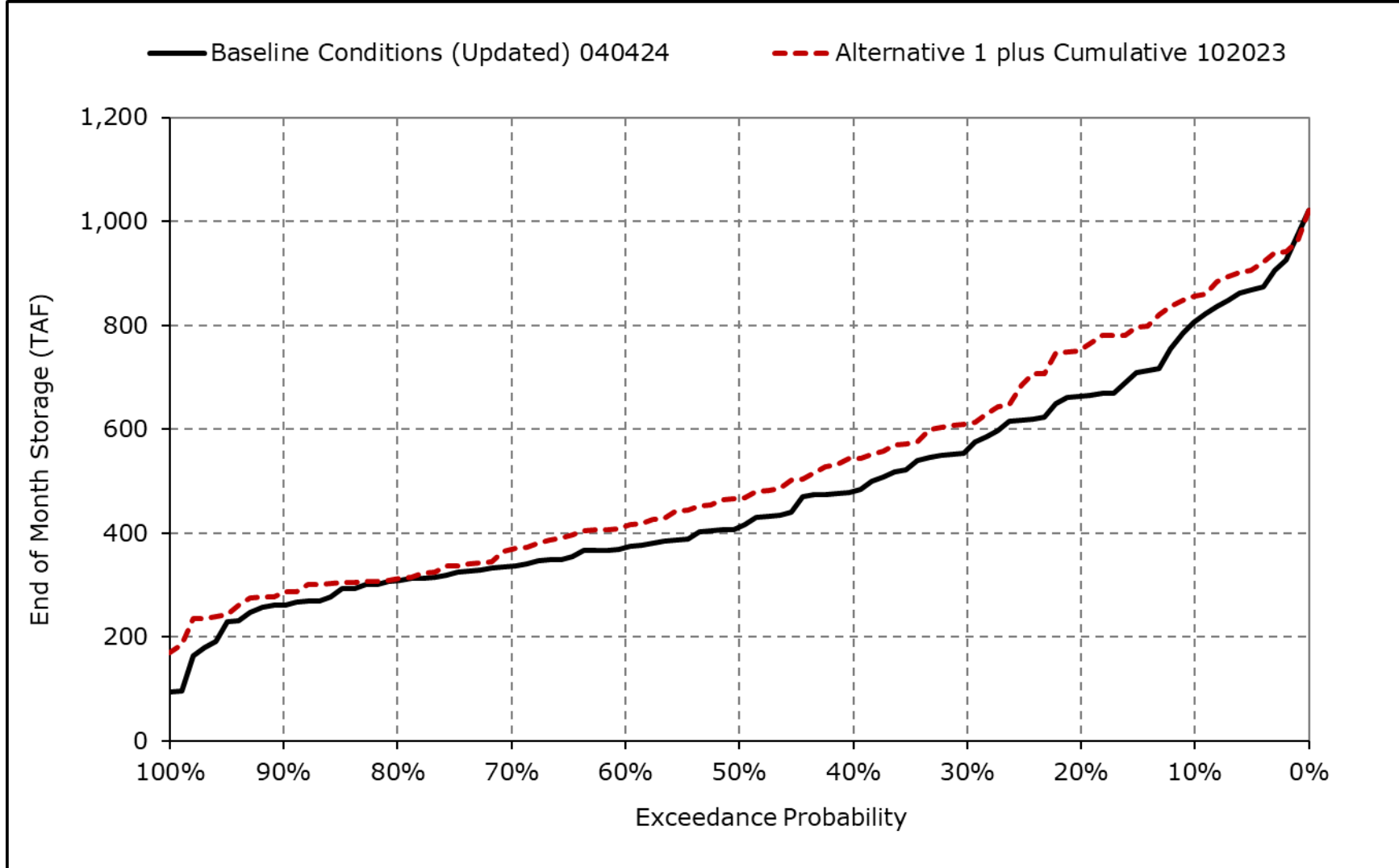
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1j. San Luis SWP Storage, July**



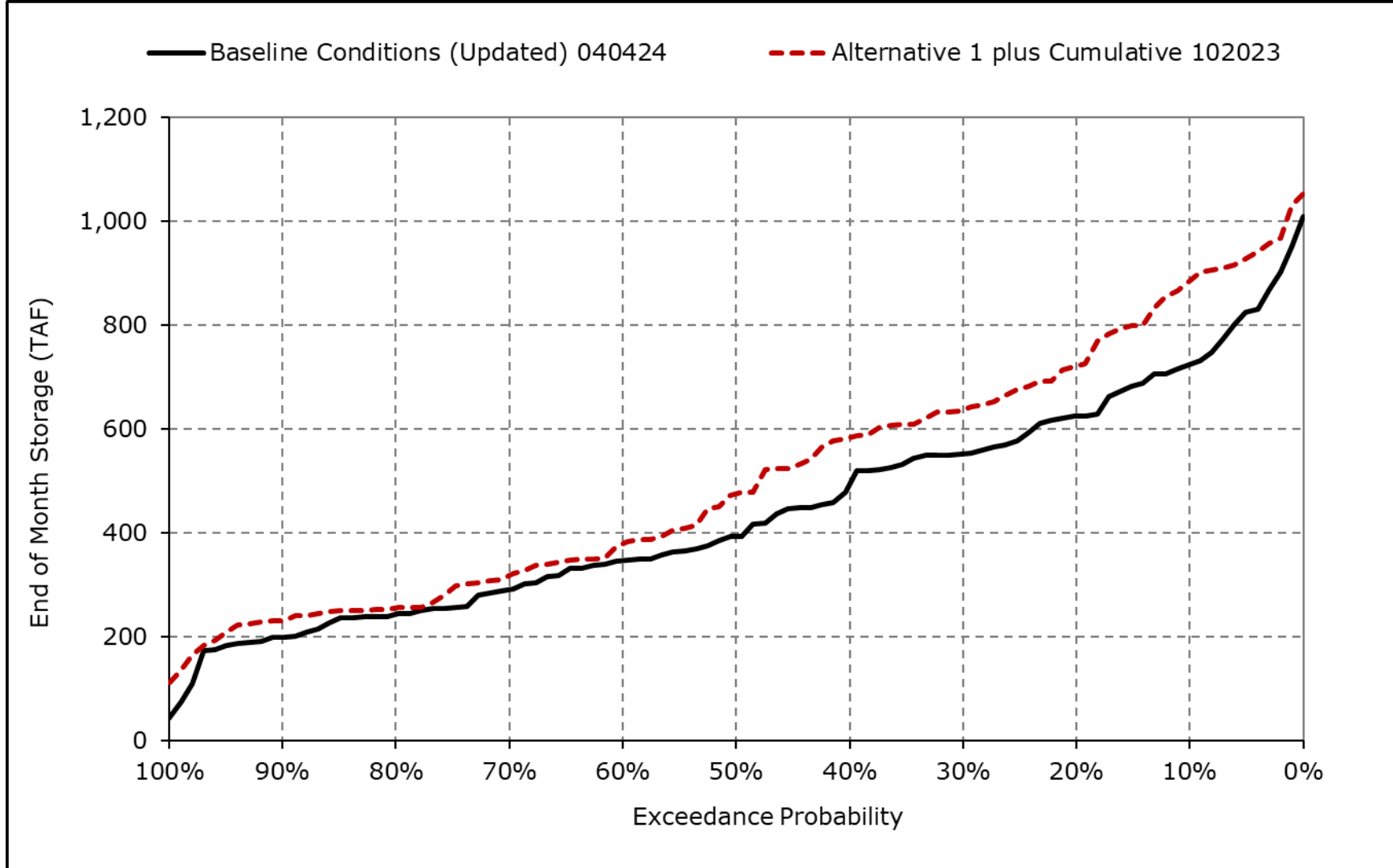
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1k. San Luis SWP Storage, August**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-1I. San Luis SWP Storage, September**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 4G-2-2-1a. San Luis Storage (CVP and SWP), Baseline Conditions (Updated) 040424, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,266	1,505	1,810	1,835	2,037	2,039	2,018	1,853	1,622	1,391	1,253	1,269
20% Exceedance	872	1,157	1,447	1,645	1,806	2,039	1,885	1,706	1,295	970	789	819
30% Exceedance	776	1,041	1,298	1,454	1,691	1,790	1,747	1,477	1,019	788	685	689
40% Exceedance	690	902	1,170	1,347	1,574	1,684	1,451	1,184	865	645	586	601
50% Exceedance	551	770	1,058	1,281	1,450	1,541	1,347	1,037	736	617	497	516
60% Exceedance	478	666	970	1,185	1,350	1,413	1,276	951	646	550	459	488
70% Exceedance	396	565	869	1,069	1,249	1,339	1,157	850	577	496	422	442
80% Exceedance	373	495	692	997	1,155	1,199	988	740	488	448	399	385
90% Exceedance	276	365	528	690	915	1,048	874	642	366	346	351	346
<b>Full Simulation Period Average<sup>a</sup></b>	<b>656</b>	<b>850</b>	<b>1,096</b>	<b>1,272</b>	<b>1,447</b>	<b>1,553</b>	<b>1,410</b>	<b>1,165</b>	<b>871</b>	<b>729</b>	<b>622</b>	<b>632</b>
<b>Wet Water Years (30%)</b>	<b>768</b>	<b>1,029</b>	<b>1,325</b>	<b>1,539</b>	<b>1,750</b>	<b>1,868</b>	<b>1,838</b>	<b>1,649</b>	<b>1,334</b>	<b>1,102</b>	<b>931</b>	<b>917</b>
<b>Above Normal Water Years (11%)</b>	<b>607</b>	<b>825</b>	<b>1,082</b>	<b>1,310</b>	<b>1,536</b>	<b>1,655</b>	<b>1,516</b>	<b>1,274</b>	<b>903</b>	<b>706</b>	<b>660</b>	<b>637</b>
<b>Below Normal Water Years (21%)</b>	<b>719</b>	<b>940</b>	<b>1,166</b>	<b>1,302</b>	<b>1,443</b>	<b>1,530</b>	<b>1,260</b>	<b>909</b>	<b>572</b>	<b>517</b>	<b>532</b>	<b>614</b>
<b>Dry Water Years (22%)</b>	<b>633</b>	<b>794</b>	<b>1,029</b>	<b>1,159</b>	<b>1,267</b>	<b>1,368</b>	<b>1,144</b>	<b>840</b>	<b>579</b>	<b>543</b>	<b>417</b>	<b>416</b>
<b>Critical Water Years (16%)</b>	<b>426</b>	<b>490</b>	<b>675</b>	<b>861</b>	<b>1,072</b>	<b>1,180</b>	<b>1,093</b>	<b>969</b>	<b>776</b>	<b>582</b>	<b>416</b>	<b>415</b>

**Table 4G-2-2-1b. San Luis Storage (CVP and SWP), Alternative 1 plus Cumulative 102023, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,385	1,569	1,874	1,917	2,039	2,039	2,039	1,960	1,745	1,442	1,298	1,383
20% Exceedance	1,013	1,273	1,573	1,659	1,848	2,014	1,950	1,827	1,446	1,059	861	900
30% Exceedance	840	1,141	1,393	1,508	1,767	1,864	1,837	1,677	1,187	953	774	806
40% Exceedance	716	958	1,210	1,391	1,609	1,650	1,597	1,360	984	765	662	698
50% Exceedance	616	853	1,127	1,314	1,490	1,579	1,440	1,223	890	690	571	608
60% Exceedance	522	754	1,052	1,240	1,370	1,429	1,322	1,163	835	655	503	535
70% Exceedance	489	649	945	1,133	1,303	1,355	1,243	1,080	726	619	463	480
80% Exceedance	406	587	834	1,003	1,116	1,215	1,136	937	654	525	431	431
90% Exceedance	328	406	587	747	965	1,065	927	803	439	430	390	387
<b>Full Simulation Period Average<sup>a</sup></b>	<b>730</b>	<b>926</b>	<b>1,161</b>	<b>1,318</b>	<b>1,480</b>	<b>1,557</b>	<b>1,483</b>	<b>1,340</b>	<b>1,002</b>	<b>820</b>	<b>686</b>	<b>709</b>
<b>Wet Water Years (30%)</b>	<b>850</b>	<b>1,114</b>	<b>1,387</b>	<b>1,579</b>	<b>1,782</b>	<b>1,873</b>	<b>1,854</b>	<b>1,739</b>	<b>1,399</b>	<b>1,161</b>	<b>1,001</b>	<b>1,043</b>
<b>Above Normal Water Years (11%)</b>	<b>663</b>	<b>884</b>	<b>1,172</b>	<b>1,382</b>	<b>1,583</b>	<b>1,650</b>	<b>1,565</b>	<b>1,397</b>	<b>974</b>	<b>776</b>	<b>709</b>	<b>697</b>
<b>Below Normal Water Years (21%)</b>	<b>794</b>	<b>1,013</b>	<b>1,242</b>	<b>1,356</b>	<b>1,489</b>	<b>1,519</b>	<b>1,412</b>	<b>1,218</b>	<b>812</b>	<b>684</b>	<b>624</b>	<b>683</b>
<b>Dry Water Years (22%)</b>	<b>702</b>	<b>876</b>	<b>1,093</b>	<b>1,199</b>	<b>1,283</b>	<b>1,362</b>	<b>1,226</b>	<b>1,041</b>	<b>736</b>	<b>631</b>	<b>471</b>	<b>473</b>
<b>Critical Water Years (16%)</b>	<b>505</b>	<b>560</b>	<b>716</b>	<b>902</b>	<b>1,104</b>	<b>1,218</b>	<b>1,180</b>	<b>1,121</b>	<b>889</b>	<b>652</b>	<b>458</b>	<b>451</b>

**Table 4G-2-2-1c. San Luis Storage (CVP and SWP), Alternative 1 plus Cumulative 102023 minus Baseline Conditions (Updated) 040424, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	120	64	65	82	2	0	21	106	123	51	45	114
20% Exceedance	141	116	126	15	43	-25	65	121	151	89	72	81
30% Exceedance	64	99	95	55	77	74	91	200	168	165	89	118
40% Exceedance	27	57	40	44	35	-34	146	177	120	120	76	97
50% Exceedance	65	83	68	33	40	38	93	187	154	73	75	92
60% Exceedance	44	87	83	55	20	16	46	213	189	106	44	47
70% Exceedance	92	85	77	65	55	17	87	229	150	123	41	39
80% Exceedance	33	92	142	5	-39	16	148	197	166	76	31	46
90% Exceedance	52	41	59	57	49	17	53	161	74	83	39	41
<b>Full Simulation Period Average<sup>a</sup></b>	<b>74</b>	<b>76</b>	<b>65</b>	<b>47</b>	<b>33</b>	<b>3</b>	<b>74</b>	<b>174</b>	<b>130</b>	<b>91</b>	<b>65</b>	<b>77</b>
<b>Wet Water Years (30%)</b>	<b>82</b>	<b>84</b>	<b>61</b>	<b>40</b>	<b>31</b>	<b>5</b>	<b>15</b>	<b>91</b>	<b>66</b>	<b>60</b>	<b>70</b>	<b>126</b>
<b>Above Normal Water Years (11%)</b>	<b>56</b>	<b>59</b>	<b>90</b>	<b>72</b>	<b>47</b>	<b>-5</b>	<b>49</b>	<b>122</b>	<b>71</b>	<b>71</b>	<b>49</b>	<b>60</b>
<b>Below Normal Water Years (21%)</b>	<b>75</b>	<b>73</b>	<b>76</b>	<b>54</b>	<b>46</b>	<b>-12</b>	<b>152</b>	<b>309</b>	<b>239</b>	<b>166</b>	<b>92</b>	<b>70</b>
<b>Dry Water Years (22%)</b>	<b>69</b>	<b>82</b>	<b>64</b>	<b>39</b>	<b>17</b>	<b>-5</b>	<b>82</b>	<b>201</b>	<b>157</b>	<b>88</b>	<b>54</b>	<b>57</b>
<b>Critical Water Years (16%)</b>	<b>79</b>	<b>70</b>	<b>41</b>	<b>41</b>	<b>31</b>	<b>37</b>	<b>87</b>	<b>153</b>	<b>113</b>	<b>70</b>	<b>42</b>	<b>36</b>

<sup>a</sup> Based on the 100-year simulation period.

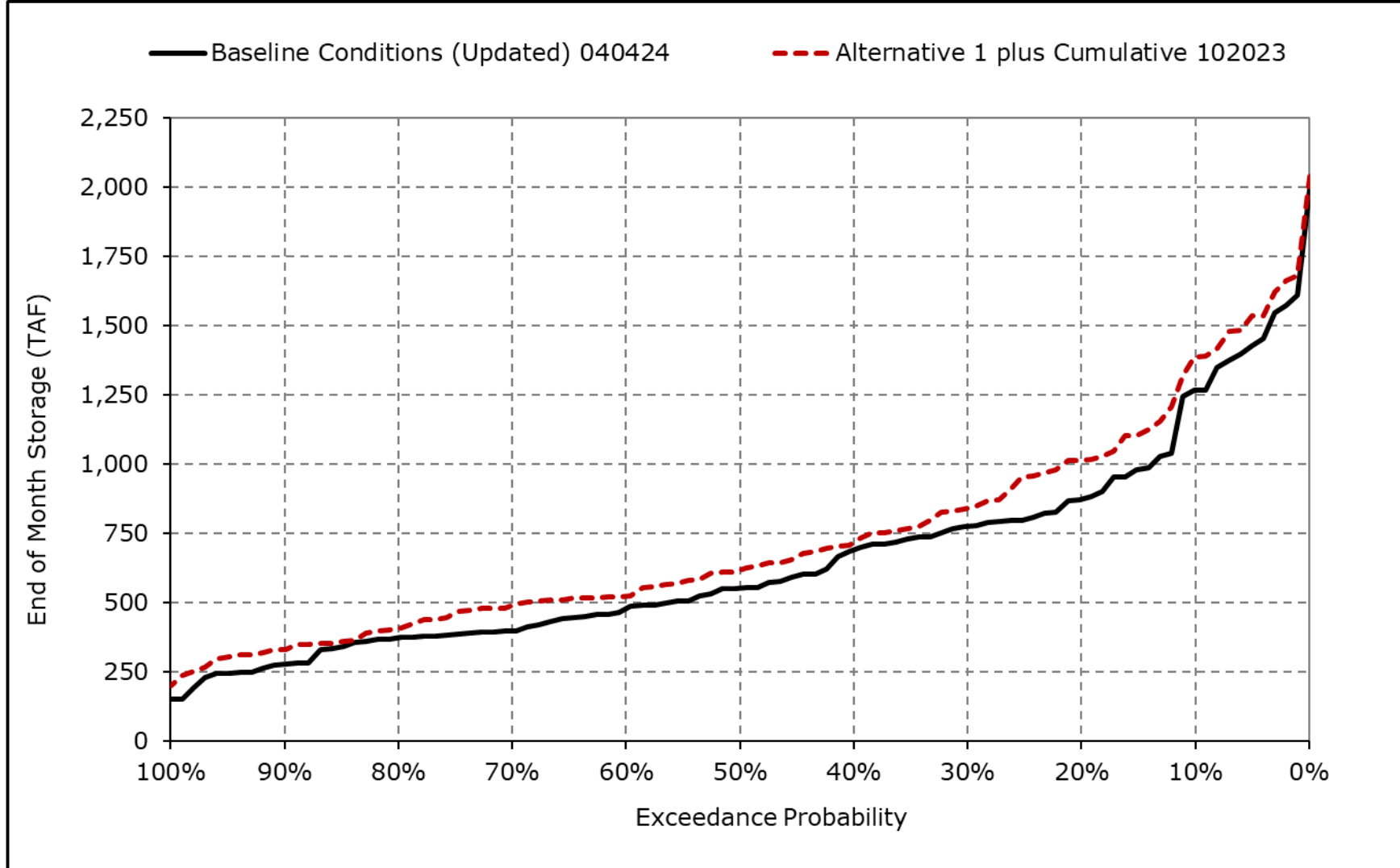
\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

\* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\* Water Year Types results are displayed with water year - year type sorting.

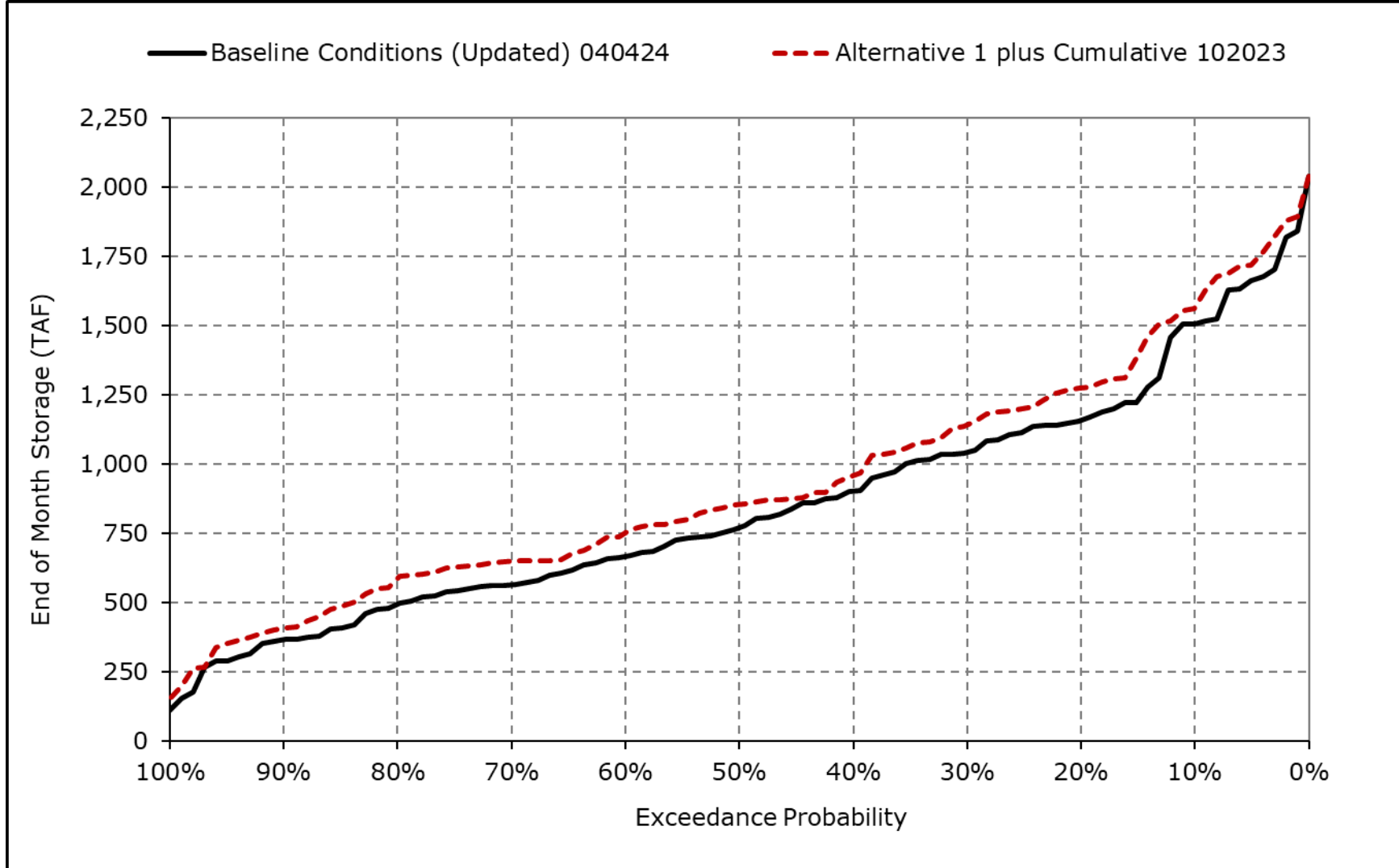


**Figure 4G-2-2a. San Luis Storage (CVP and SWP), October**



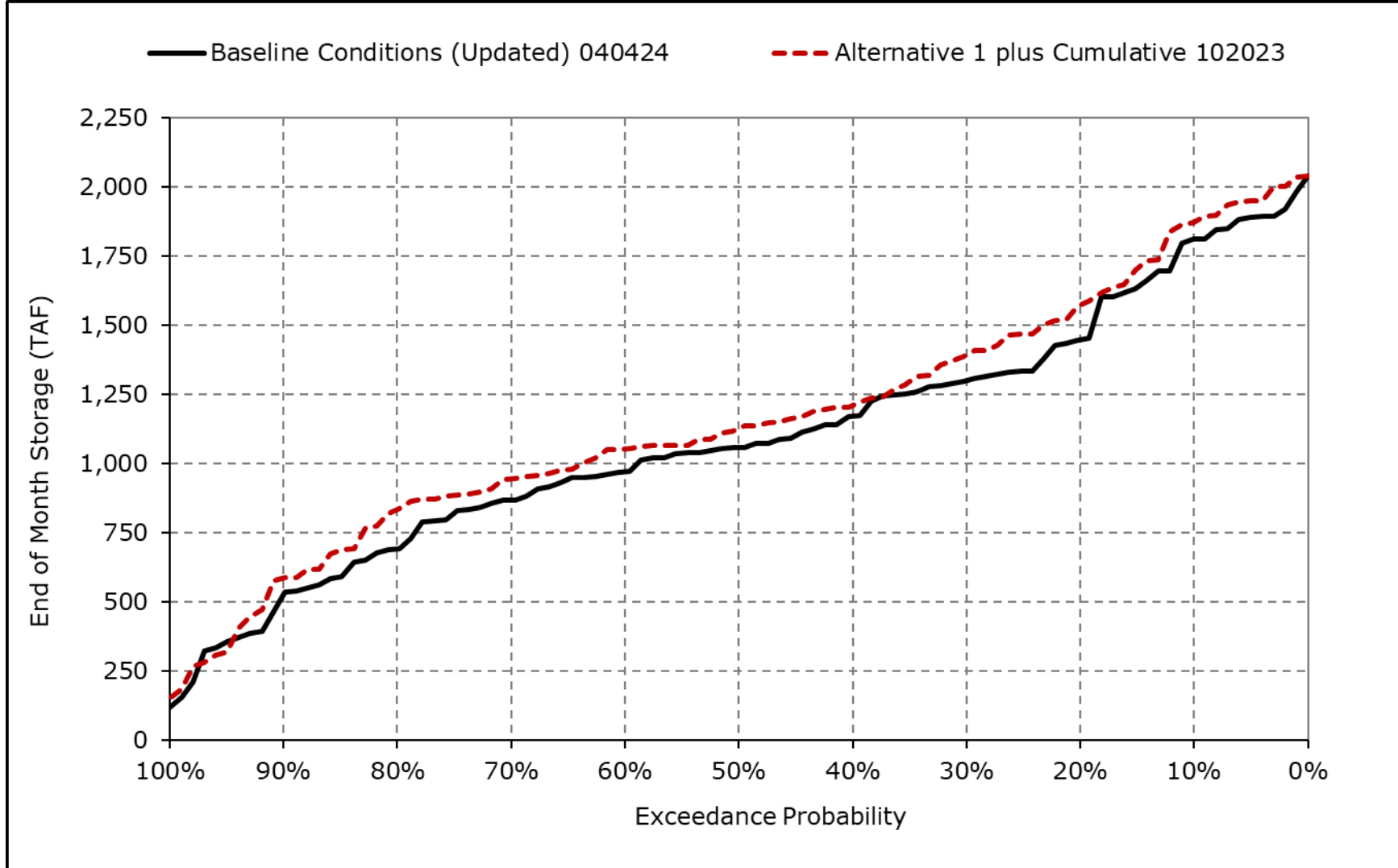
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2b. San Luis Storage (CVP and SWP), November**



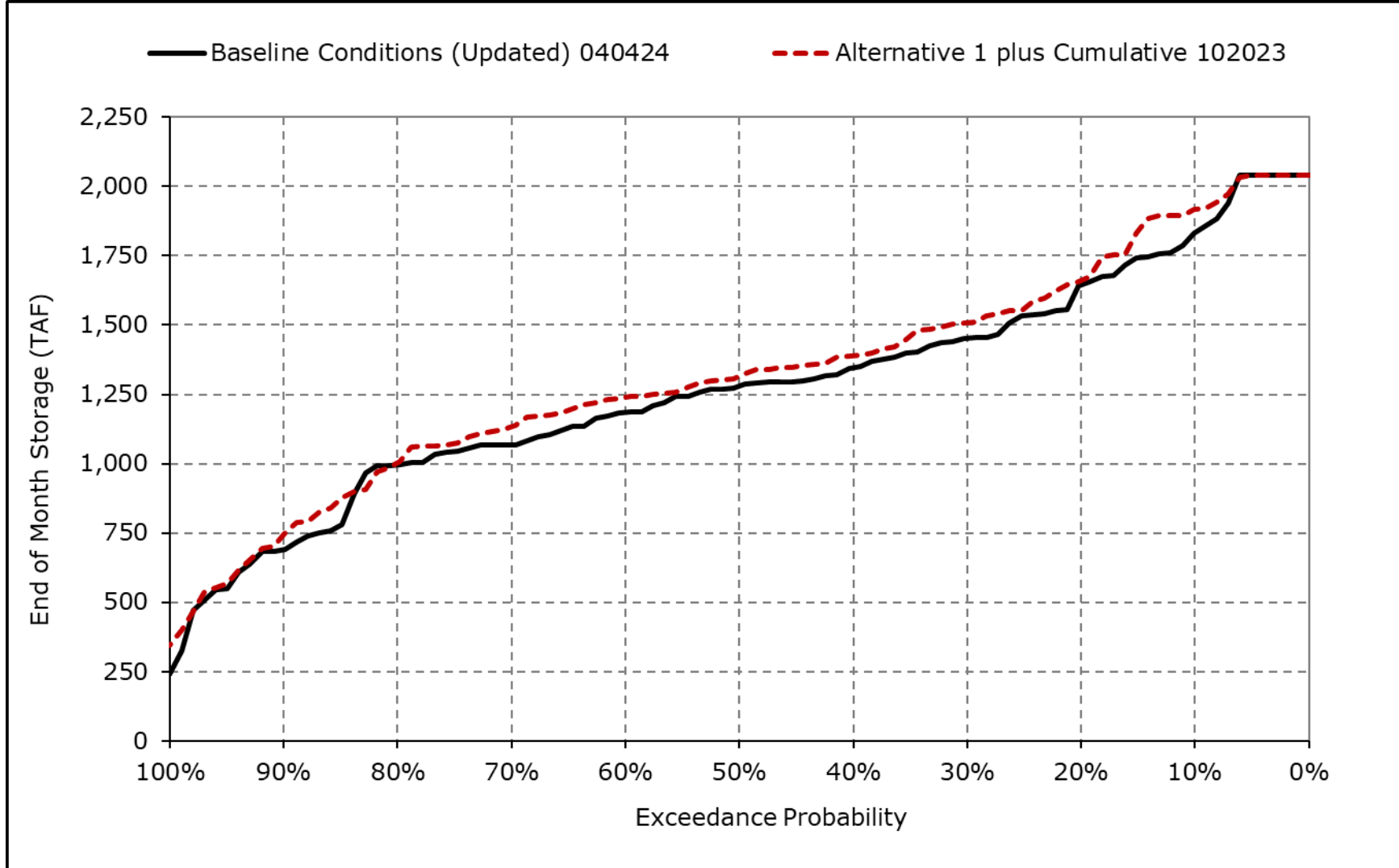
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2c. San Luis Storage (CVP and SWP), December**



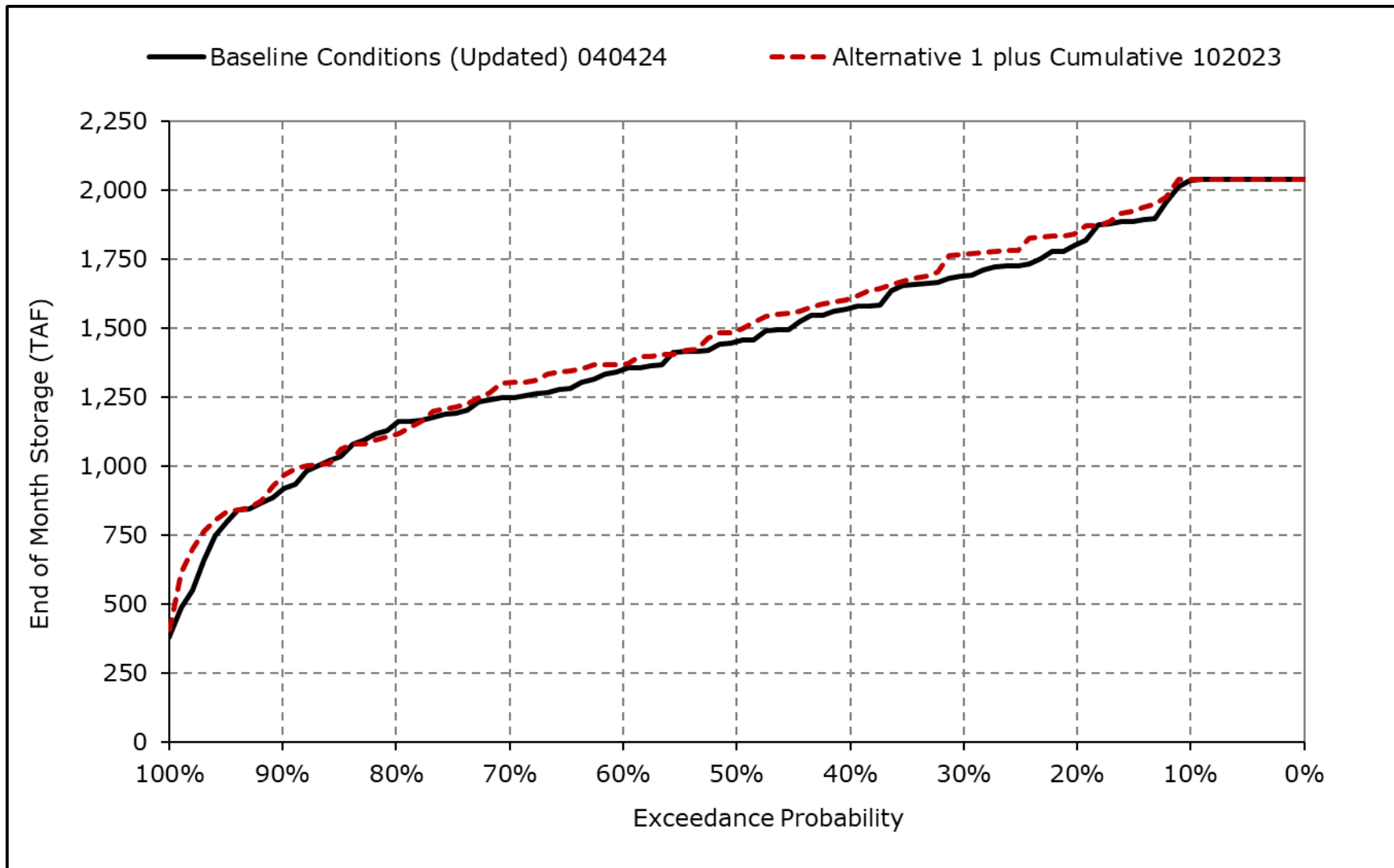
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2d. San Luis Storage (CVP and SWP), January**



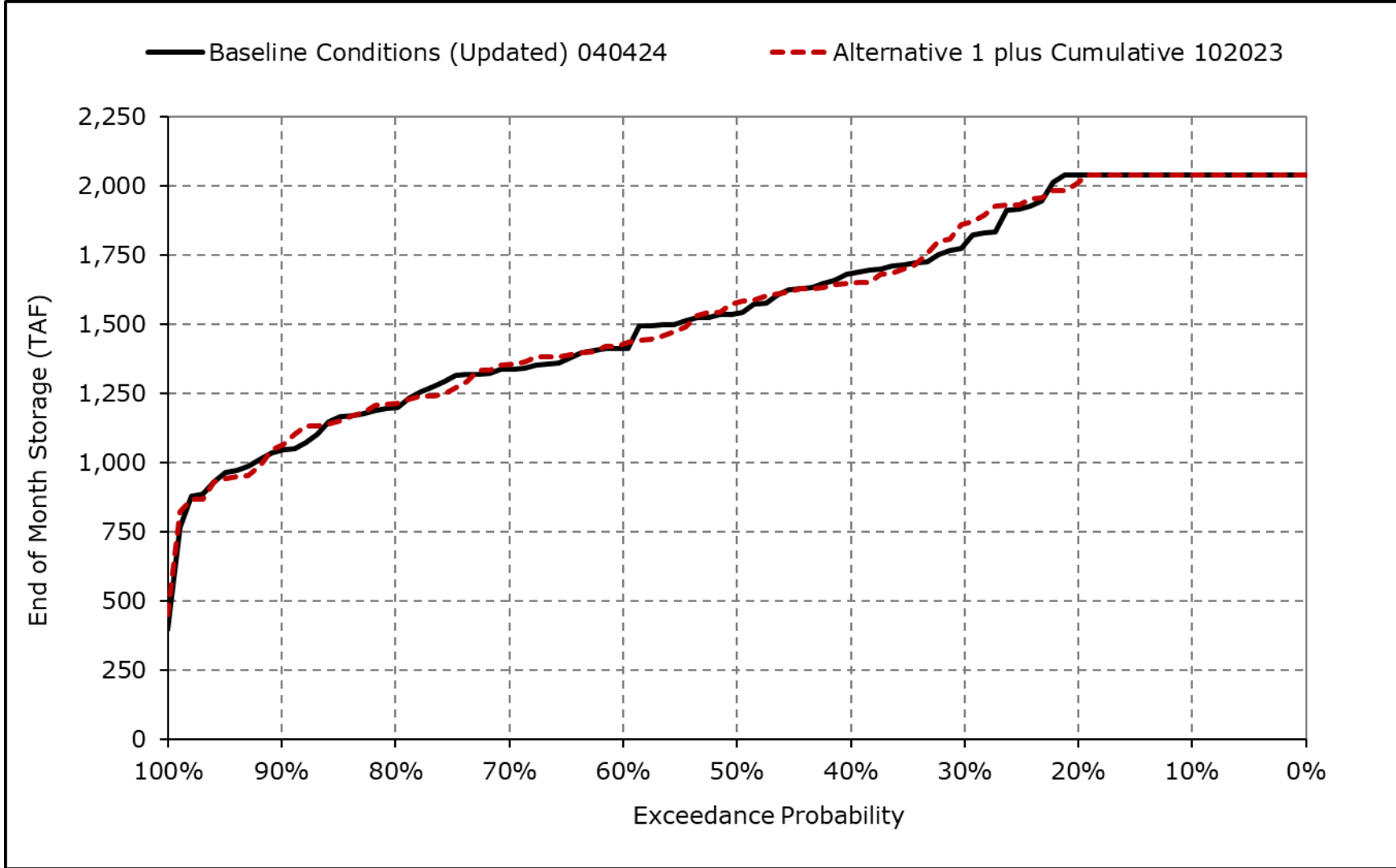
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2e. San Luis Storage (CVP and SWP), February**



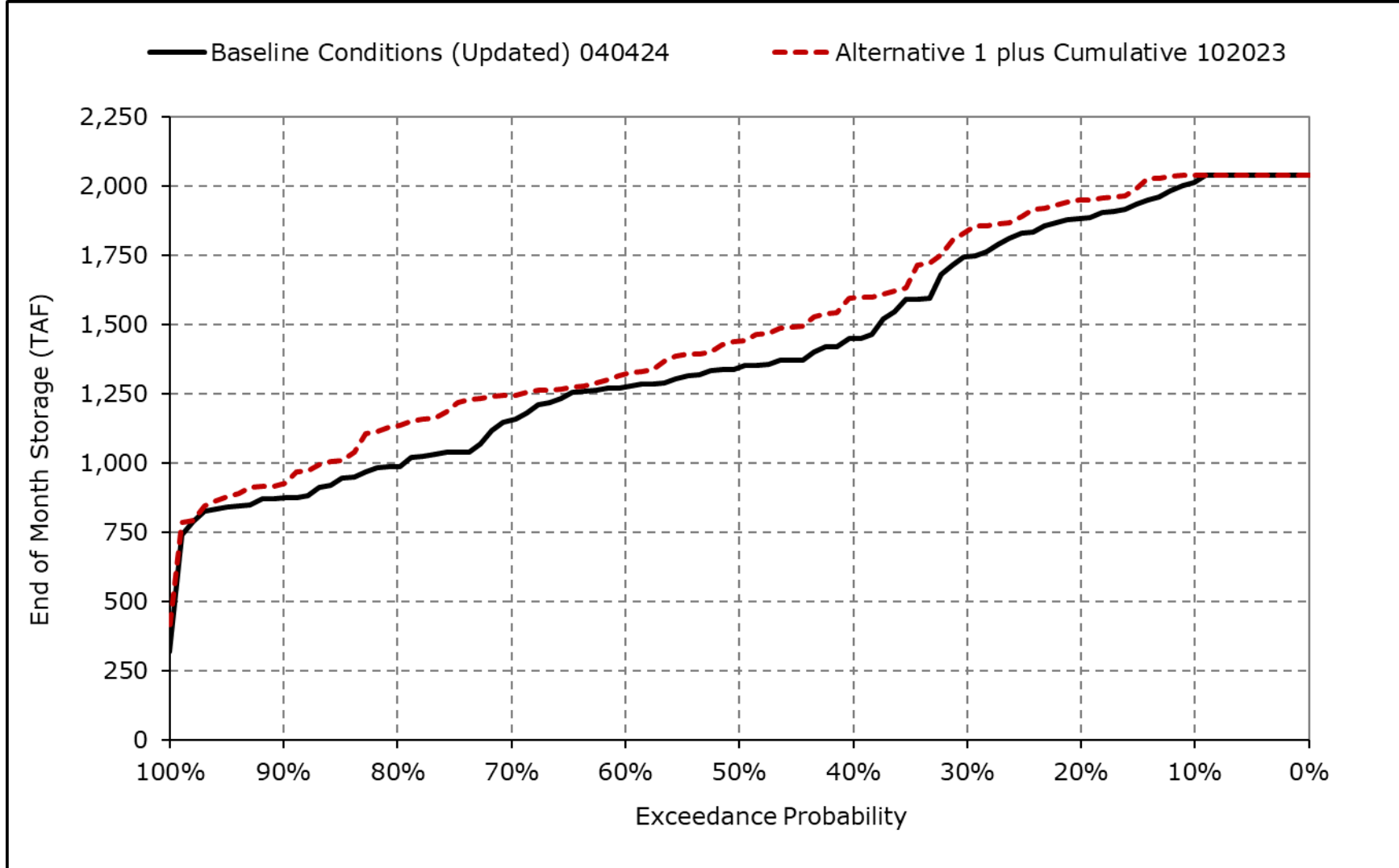
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2f. San Luis Storage (CVP and SWP), March**



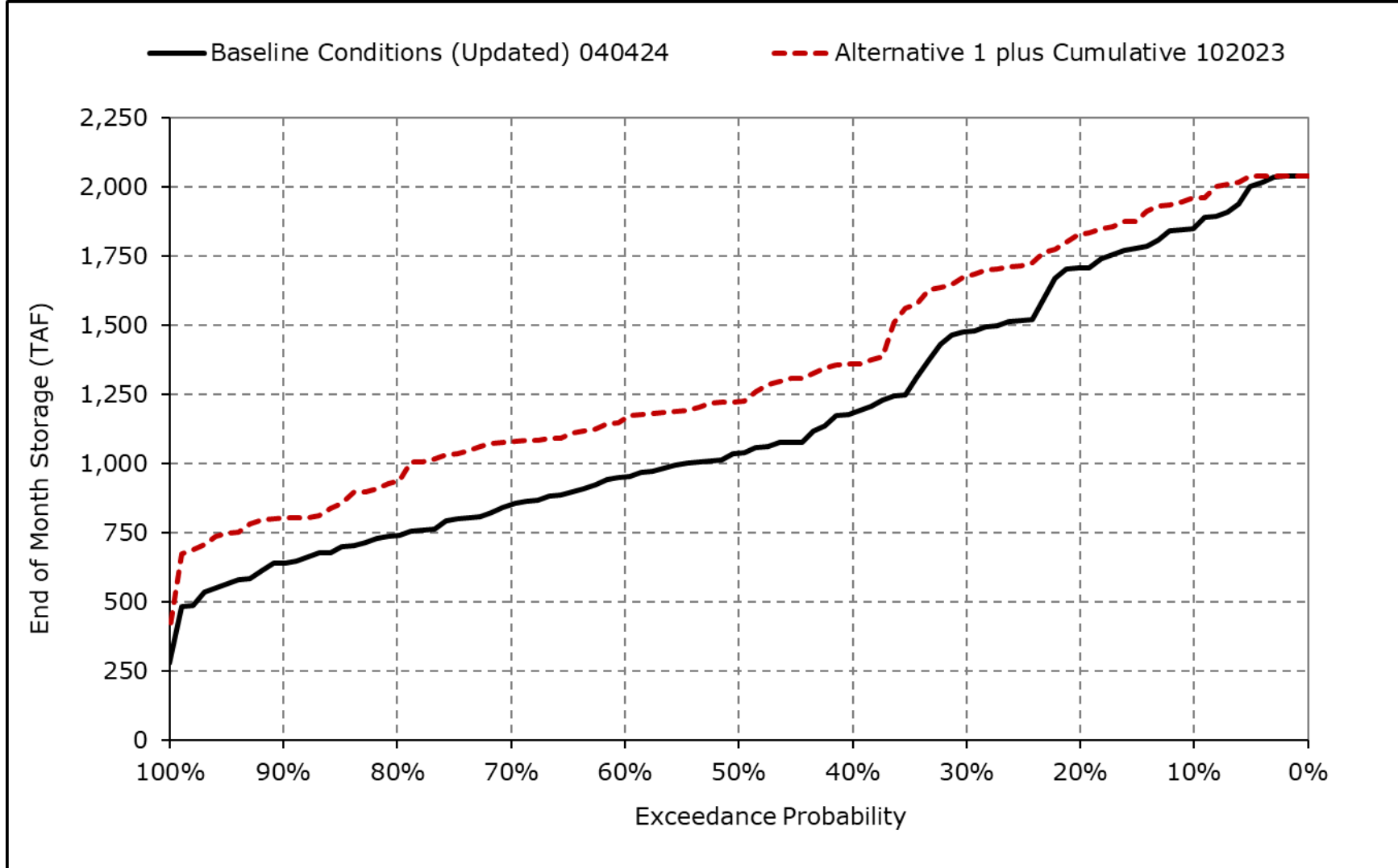
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2g. San Luis Storage (CVP and SWP), April**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

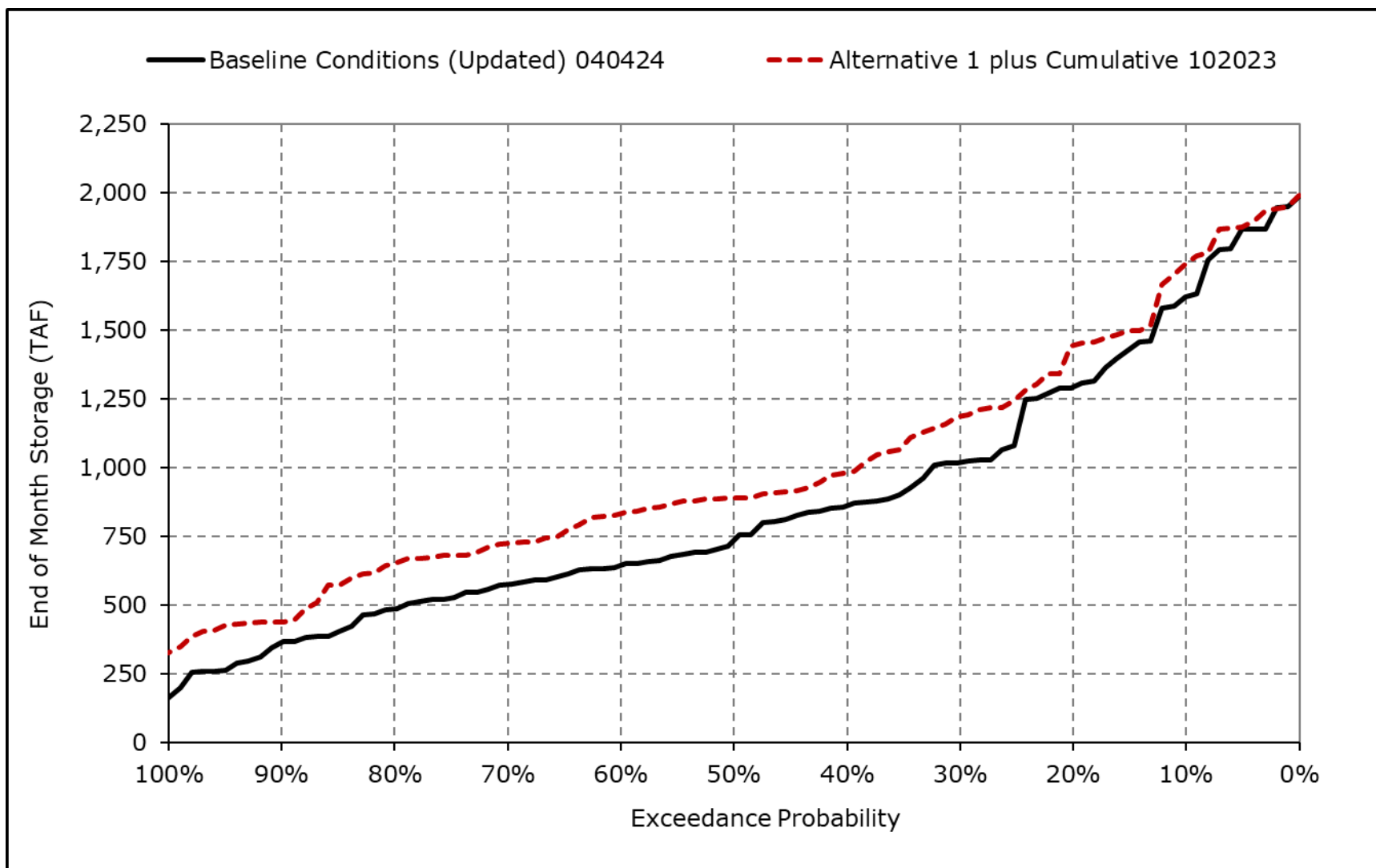
**Figure 4G-2-2h. San Luis Storage (CVP and SWP), May**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

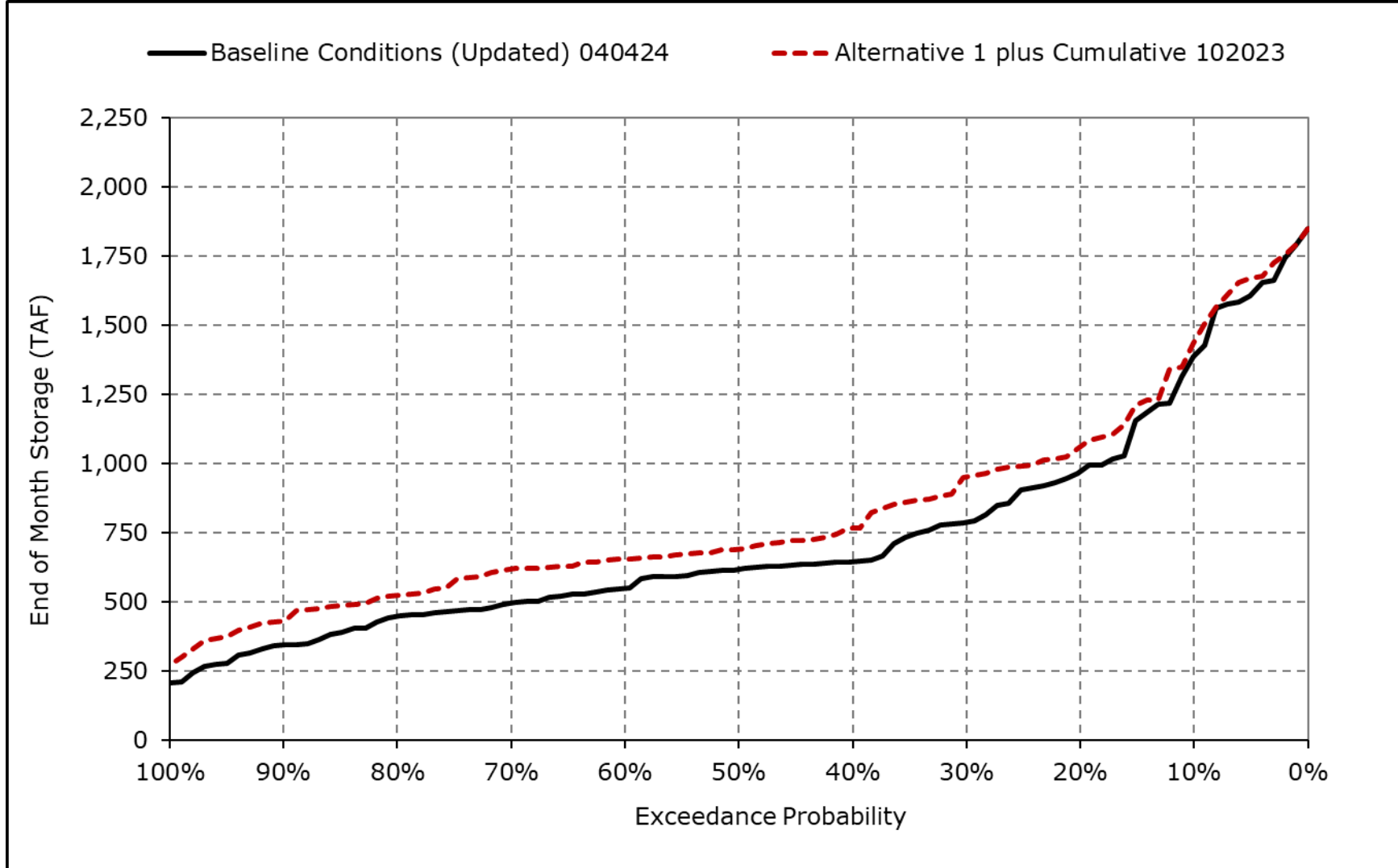


**Figure 4G-2-2i. San Luis Storage (CVP and SWP), June**



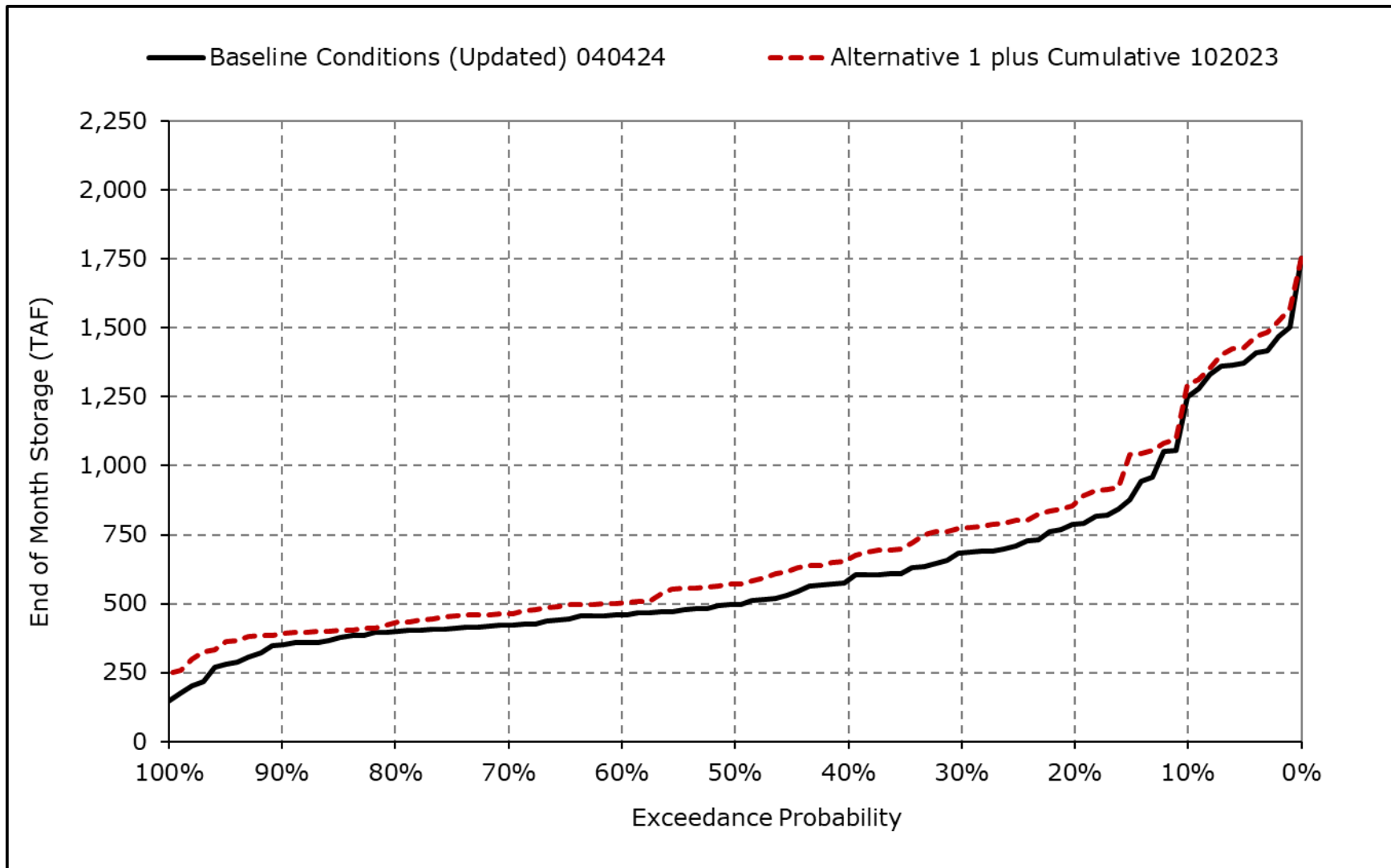
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2j. San Luis Storage (CVP and SWP), July**



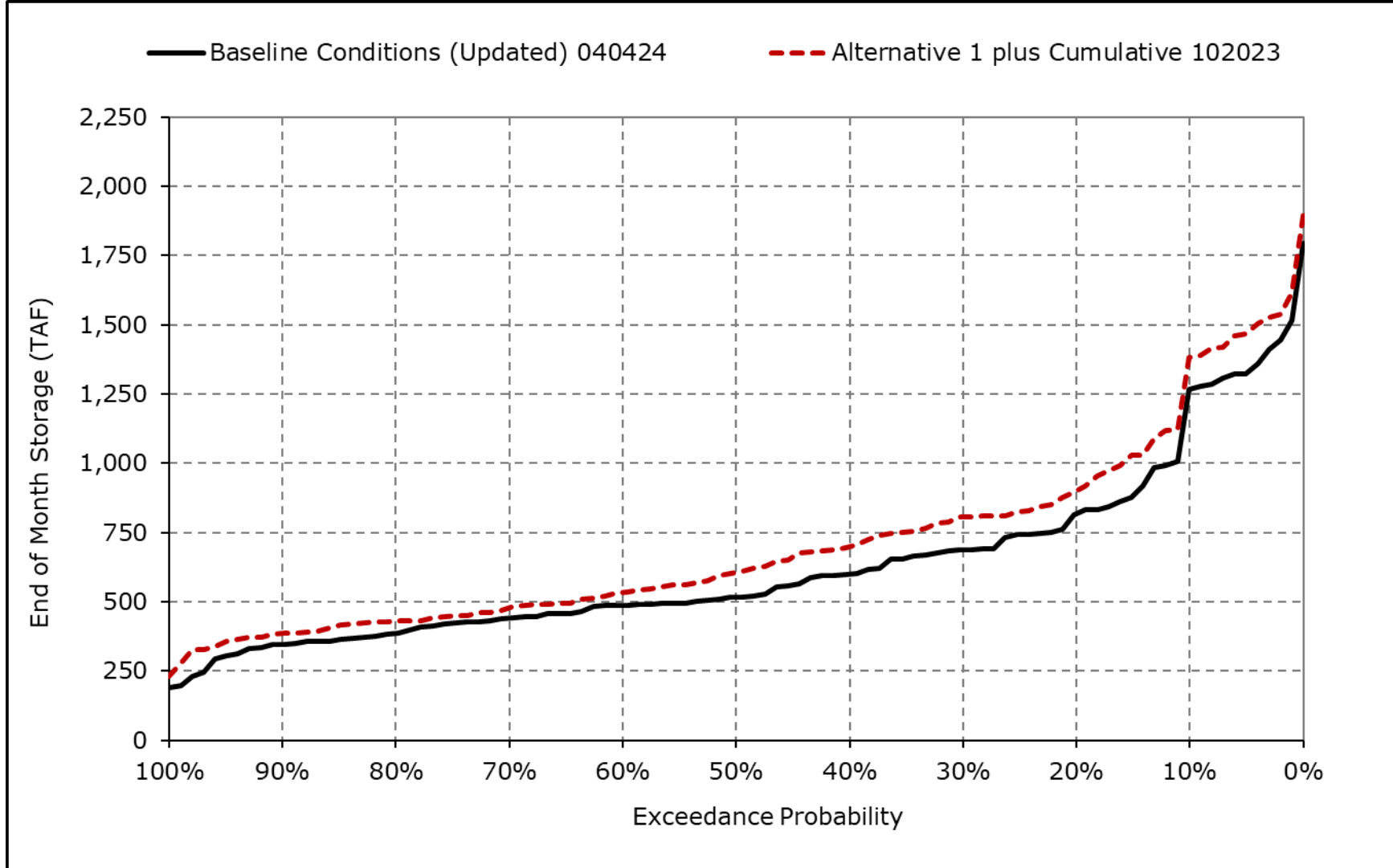
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2k. San Luis Storage (CVP and SWP), August**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-2I. San Luis Storage (CVP and SWP), September**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 4G-2-3-1a. San Luis Reservoir (SWP and CVP), Baseline Conditions (Updated) 040424, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	478	500	525	527	544	544	542	529	510	490	477	478
20% Exceedance	439	468	495	512	525	544	532	517	481	450	431	434
30% Exceedance	429	457	481	495	516	524	520	497	455	431	419	419
40% Exceedance	420	443	469	485	506	515	495	470	439	414	407	409
50% Exceedance	403	429	458	479	495	503	486	456	425	411	396	399
60% Exceedance	394	417	450	470	486	492	479	448	414	403	391	395
70% Exceedance	382	405	439	459	476	485	468	437	406	396	386	389
80% Exceedance	379	396	420	453	467	472	452	425	395	390	383	381
90% Exceedance	365	378	400	420	444	457	440	414	378	376	376	376
<b>Full Simulation Period Average<sup>a</sup></b>	<b>412</b>	<b>433</b>	<b>458</b>	<b>476</b>	<b>493</b>	<b>502</b>	<b>489</b>	<b>466</b>	<b>435</b>	<b>420</b>	<b>408</b>	<b>410</b>
<b>Wet Water Years (30%)</b>	<b>423</b>	<b>452</b>	<b>482</b>	<b>501</b>	<b>520</b>	<b>529</b>	<b>527</b>	<b>511</b>	<b>482</b>	<b>459</b>	<b>443</b>	<b>441</b>
<b>Above Normal Water Years (11%)</b>	<b>406</b>	<b>429</b>	<b>456</b>	<b>480</b>	<b>501</b>	<b>512</b>	<b>499</b>	<b>477</b>	<b>440</b>	<b>419</b>	<b>415</b>	<b>413</b>
<b>Below Normal Water Years (21%)</b>	<b>420</b>	<b>443</b>	<b>466</b>	<b>480</b>	<b>493</b>	<b>501</b>	<b>477</b>	<b>441</b>	<b>402</b>	<b>396</b>	<b>399</b>	<b>409</b>
<b>Dry Water Years (22%)</b>	<b>410</b>	<b>428</b>	<b>453</b>	<b>467</b>	<b>478</b>	<b>487</b>	<b>466</b>	<b>435</b>	<b>405</b>	<b>401</b>	<b>384</b>	<b>385</b>
<b>Critical Water Years (16%)</b>	<b>384</b>	<b>393</b>	<b>414</b>	<b>435</b>	<b>457</b>	<b>468</b>	<b>460</b>	<b>447</b>	<b>427</b>	<b>406</b>	<b>384</b>	<b>384</b>

**Table 4G-2-3-1b. San Luis Reservoir (SWP and CVP), Alternative 1 plus Cumulative 102023, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	489	505	531	534	544	544	544	538	520	494	481	489
20% Exceedance	454	479	505	513	529	542	537	527	494	458	438	442
30% Exceedance	436	466	490	500	522	530	528	514	470	448	429	432
40% Exceedance	423	448	473	490	509	512	507	487	451	428	416	421
50% Exceedance	411	437	465	482	498	506	494	474	441	420	406	410
60% Exceedance	400	427	458	475	488	493	483	468	436	415	397	401
70% Exceedance	395	415	447	465	481	486	476	460	424	411	392	394
80% Exceedance	384	407	435	453	464	473	466	446	415	400	387	387
90% Exceedance	373	384	407	426	449	459	445	432	388	387	382	381
<b>Full Simulation Period Average<sup>a</sup></b>	<b>420</b>	<b>441</b>	<b>465</b>	<b>481</b>	<b>496</b>	<b>503</b>	<b>496</b>	<b>483</b>	<b>449</b>	<b>431</b>	<b>416</b>	<b>419</b>
<b>Wet Water Years (30%)</b>	<b>433</b>	<b>461</b>	<b>488</b>	<b>505</b>	<b>522</b>	<b>530</b>	<b>528</b>	<b>519</b>	<b>488</b>	<b>466</b>	<b>450</b>	<b>455</b>
<b>Above Normal Water Years (11%)</b>	<b>413</b>	<b>436</b>	<b>465</b>	<b>487</b>	<b>505</b>	<b>511</b>	<b>503</b>	<b>488</b>	<b>447</b>	<b>427</b>	<b>421</b>	<b>420</b>
<b>Below Normal Water Years (21%)</b>	<b>428</b>	<b>450</b>	<b>472</b>	<b>484</b>	<b>497</b>	<b>500</b>	<b>490</b>	<b>472</b>	<b>430</b>	<b>417</b>	<b>410</b>	<b>417</b>
<b>Dry Water Years (22%)</b>	<b>418</b>	<b>437</b>	<b>460</b>	<b>471</b>	<b>479</b>	<b>486</b>	<b>474</b>	<b>456</b>	<b>423</b>	<b>412</b>	<b>392</b>	<b>393</b>
<b>Critical Water Years (16%)</b>	<b>395</b>	<b>401</b>	<b>418</b>	<b>440</b>	<b>460</b>	<b>472</b>	<b>468</b>	<b>463</b>	<b>440</b>	<b>414</b>	<b>390</b>	<b>389</b>

**Table 4G-2-3-1c. San Luis Reservoir (SWP and CVP), Alternative 1 plus Cumulative 102023 minus Baseline Conditions (Updated) 040424, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11	6	5	7	0	0	2	9	10	4	4	11
20% Exceedance	15	11	11	1	3	-2	5	10	14	9	8	9
30% Exceedance	7	9	9	5	6	6	7	17	16	17	10	13
40% Exceedance	3	6	4	4	3	-3	13	17	13	14	9	11
50% Exceedance	8	9	6	3	3	3	8	18	16	9	9	11
60% Exceedance	6	10	8	5	2	1	4	21	21	12	6	6
70% Exceedance	13	10	8	6	5	2	8	23	18	15	6	5
80% Exceedance	5	11	16	1	-4	2	14	21	20	10	4	6
90% Exceedance	9	6	7	7	5	2	6	18	10	12	5	6
<b>Full Simulation Period Average<sup>a</sup></b>	<b>9</b>	<b>8</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>7</b>	<b>17</b>	<b>15</b>	<b>11</b>	<b>8</b>	<b>9</b>
<b>Wet Water Years (30%)</b>	<b>10</b>	<b>9</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>13</b>
<b>Above Normal Water Years (11%)</b>	<b>7</b>	<b>6</b>	<b>9</b>	<b>6</b>	<b>4</b>	<b>-1</b>	<b>4</b>	<b>11</b>	<b>7</b>	<b>8</b>	<b>6</b>	<b>7</b>
<b>Below Normal Water Years (21%)</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>4</b>	<b>-1</b>	<b>14</b>	<b>31</b>	<b>29</b>	<b>21</b>	<b>11</b>	<b>8</b>
<b>Dry Water Years (22%)</b>	<b>8</b>	<b>9</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>-1</b>	<b>8</b>	<b>21</b>	<b>19</b>	<b>11</b>	<b>8</b>	<b>8</b>
<b>Critical Water Years (16%)</b>	<b>11</b>	<b>9</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>15</b>	<b>12</b>	<b>8</b>	<b>6</b>	<b>5</b>

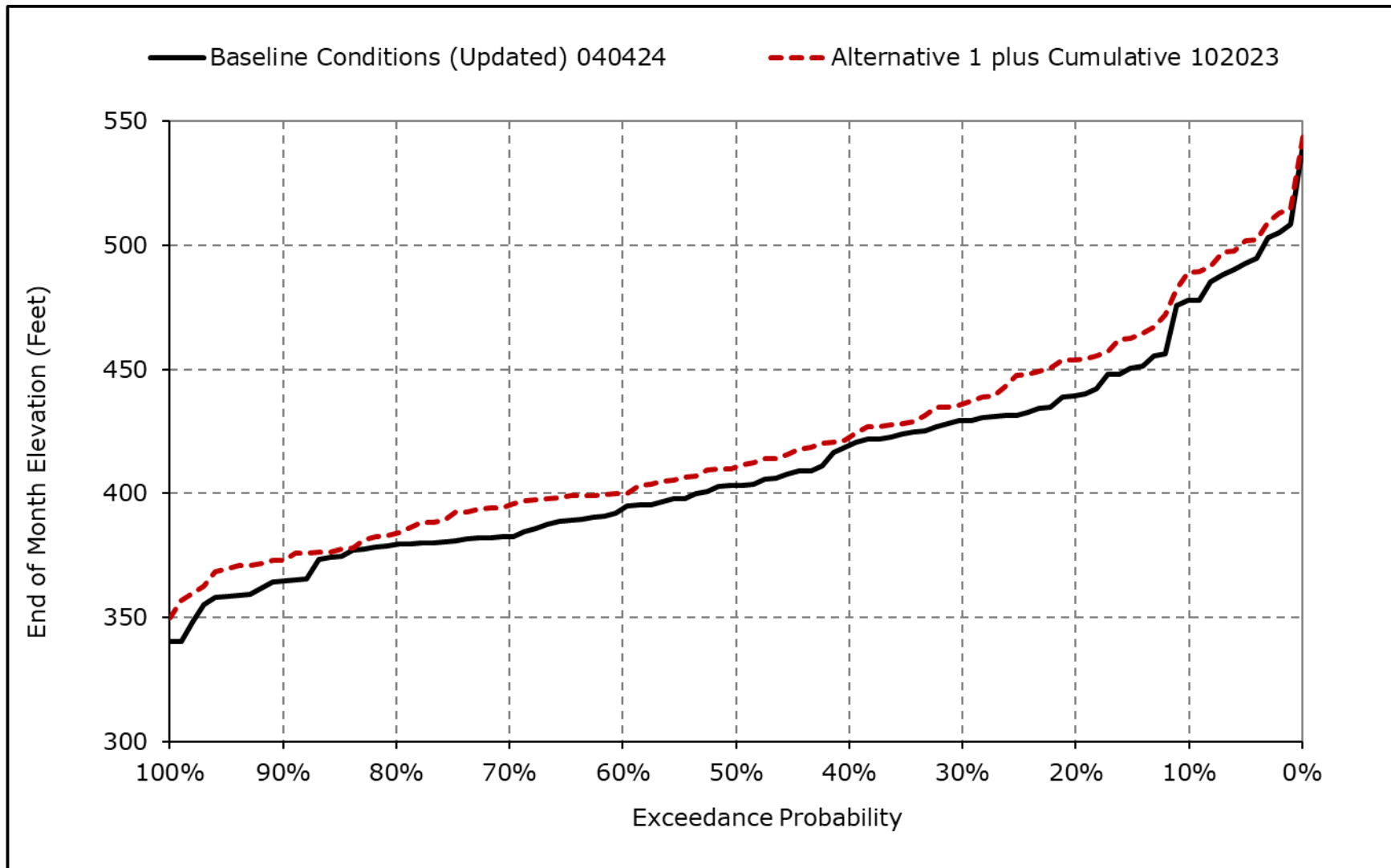
<sup>a</sup> Based on the 100-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

\* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

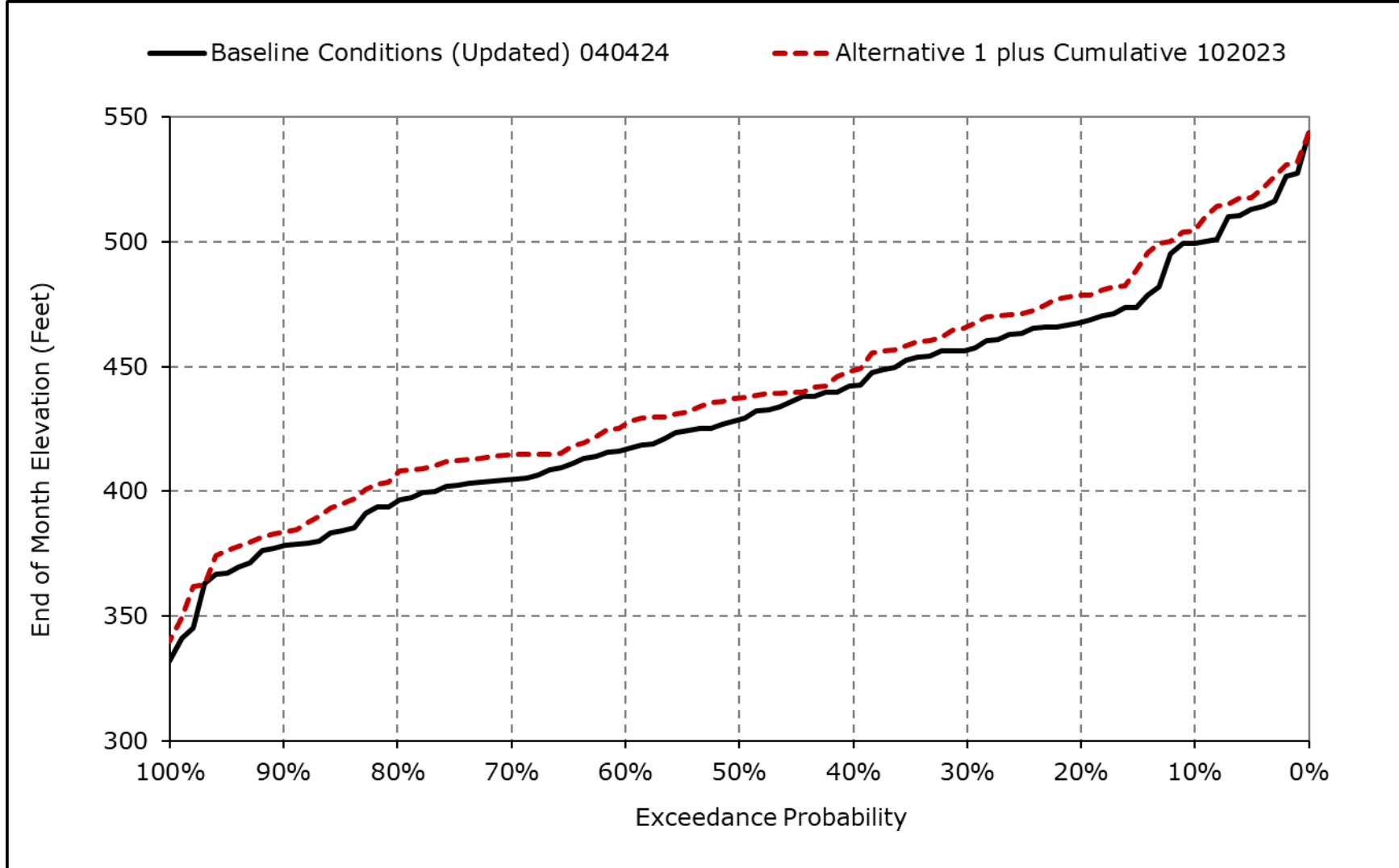
\* Water Year Types results are displayed with water year - year type sorting.

**Figure 4G-2-3a. San Luis Reservoir (SWP and CVP), October**



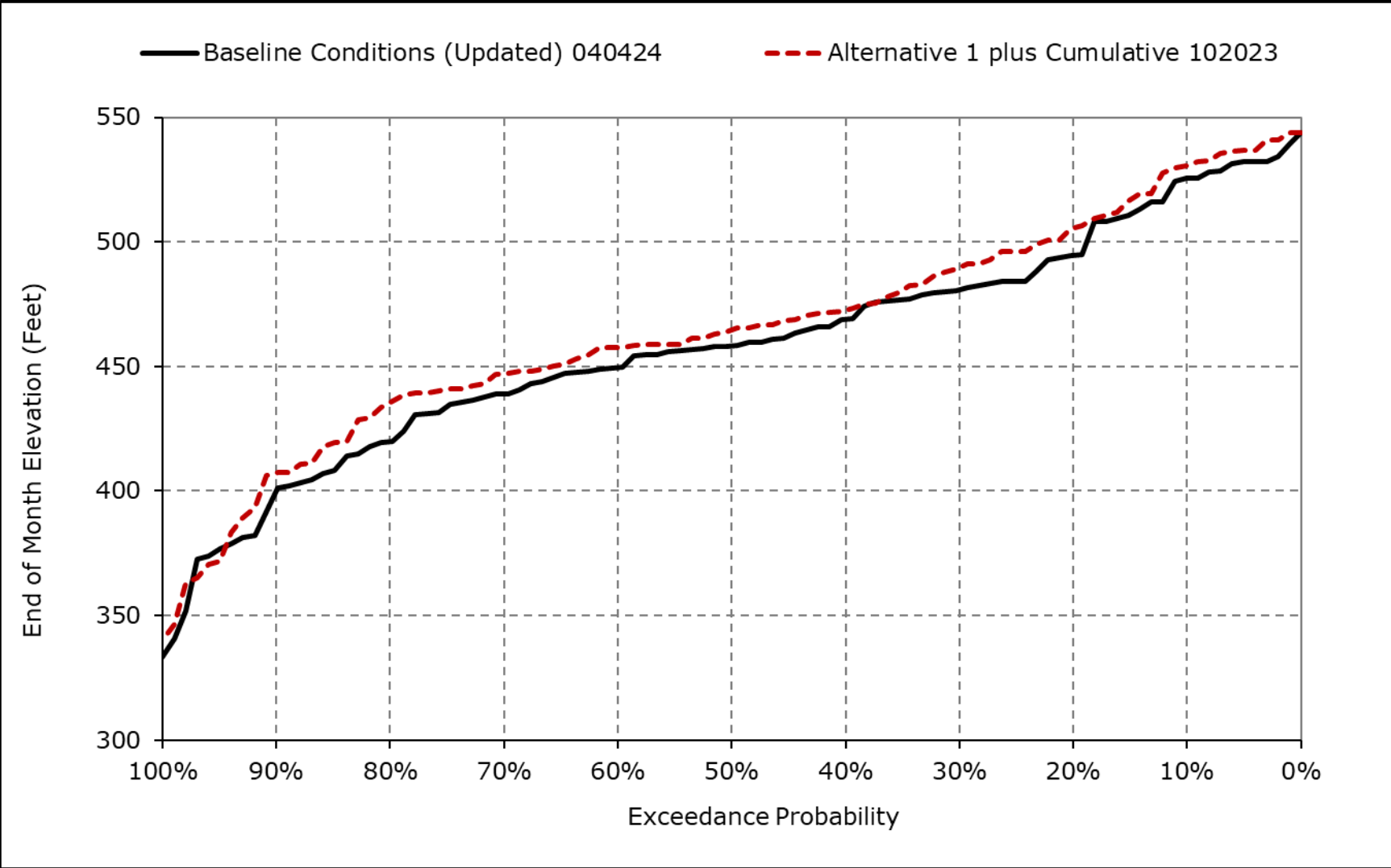
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-3b. San Luis Reservoir (SWP and CVP), November**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

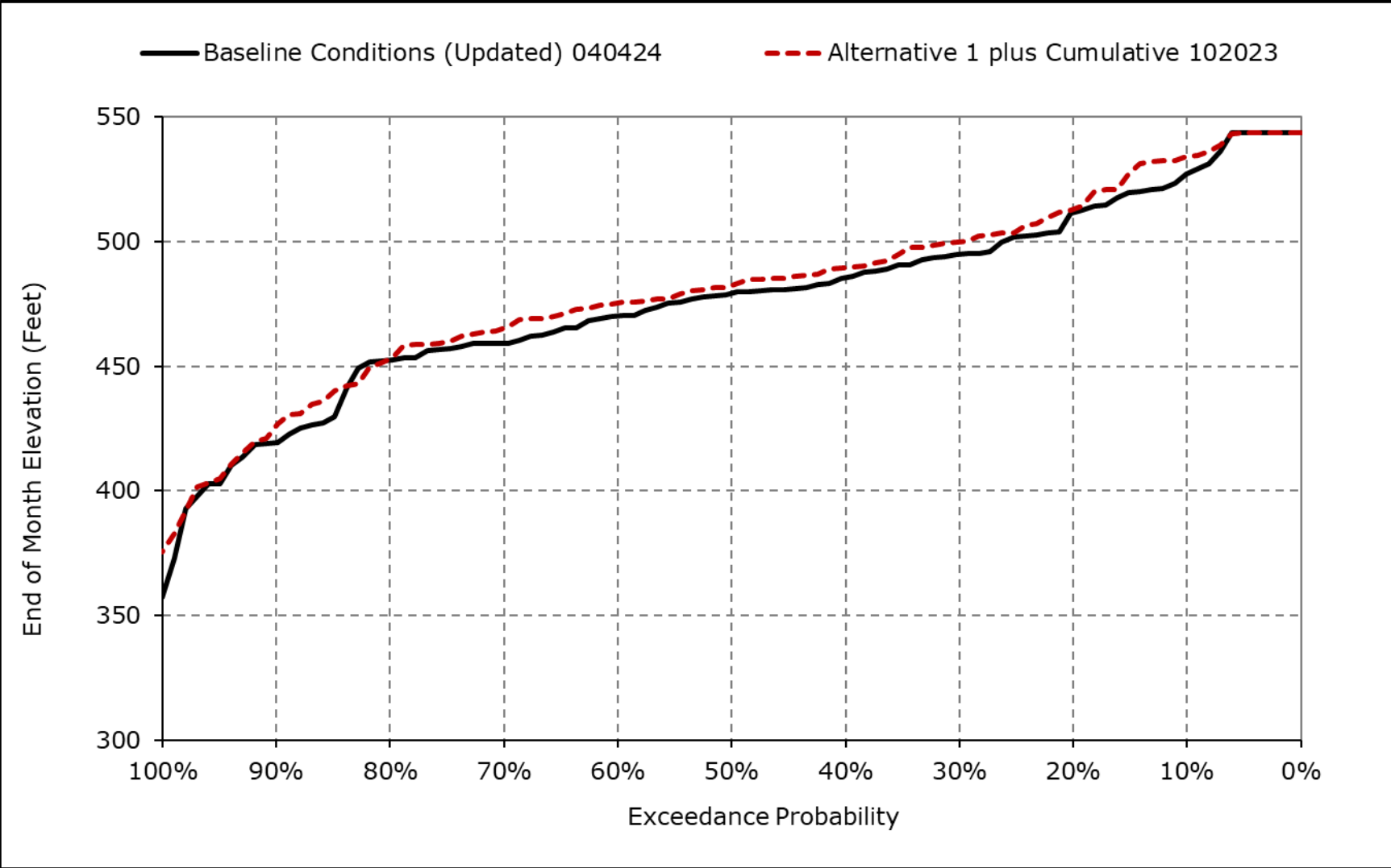
**Figure 4G-2-3c. San Luis Reservoir (SWP and CVP), December**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

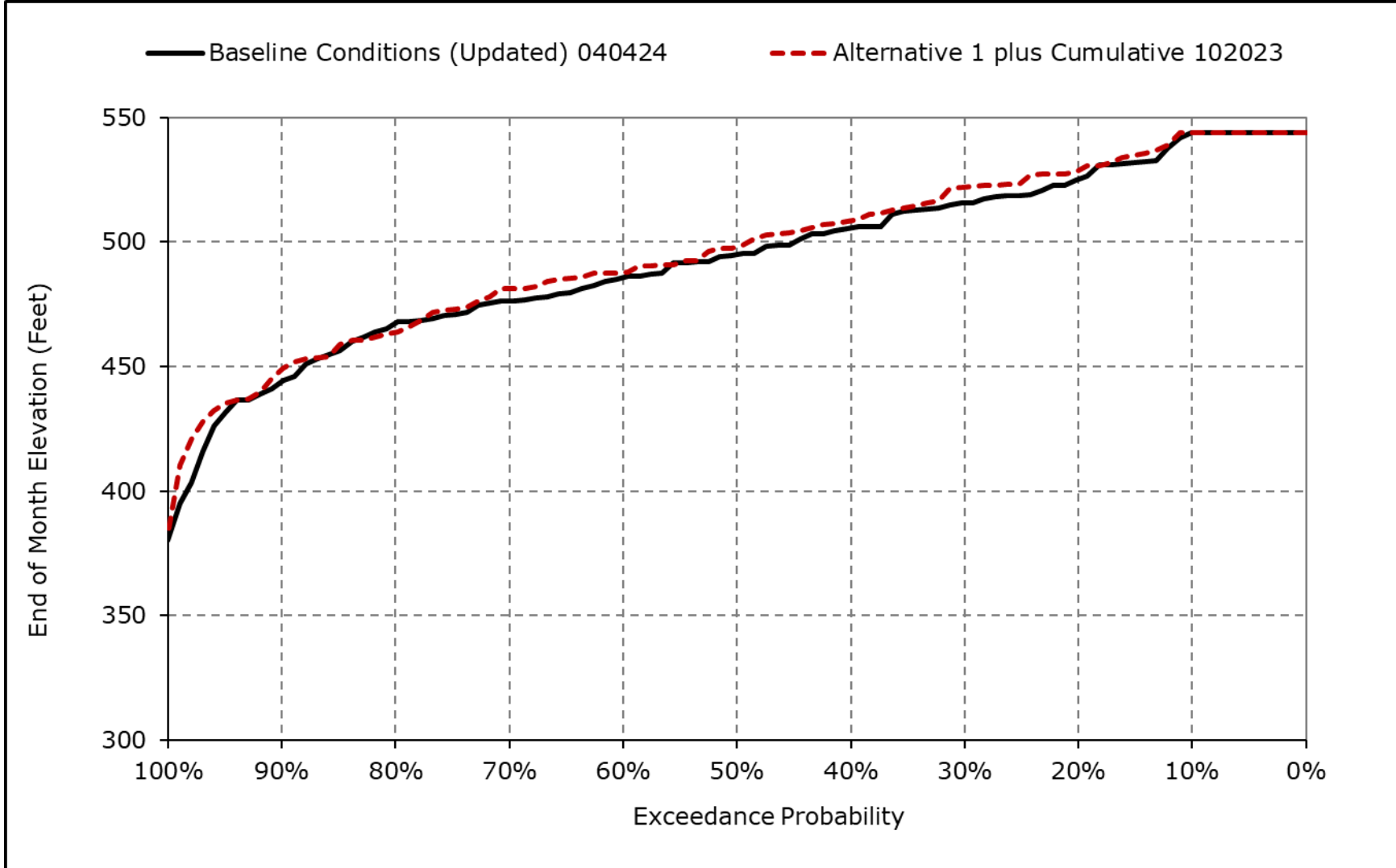


**Figure 4G-2-3d. San Luis Reservoir (SWP and CVP), January**



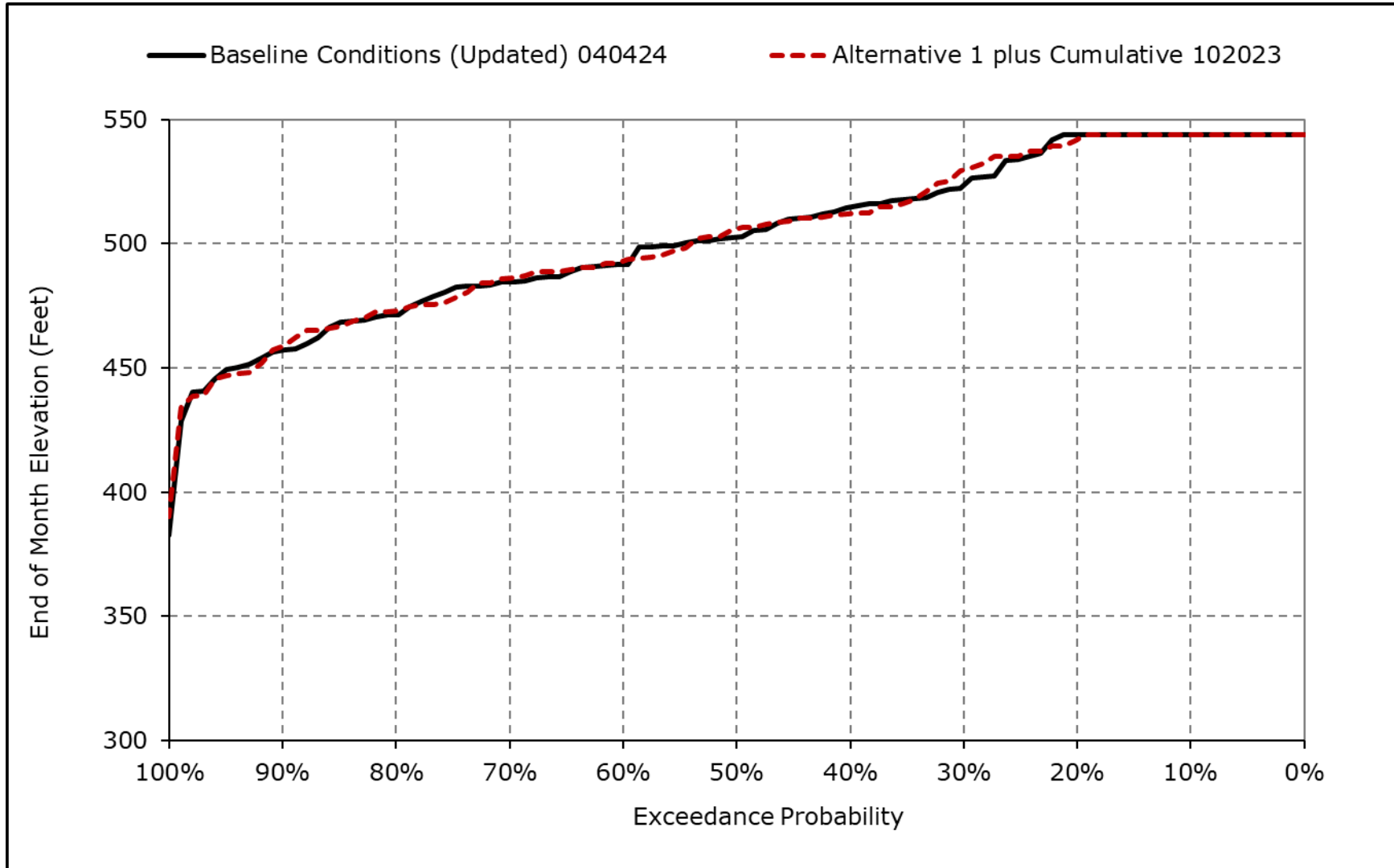
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-3e. San Luis Reservoir (SWP and CVP), February**



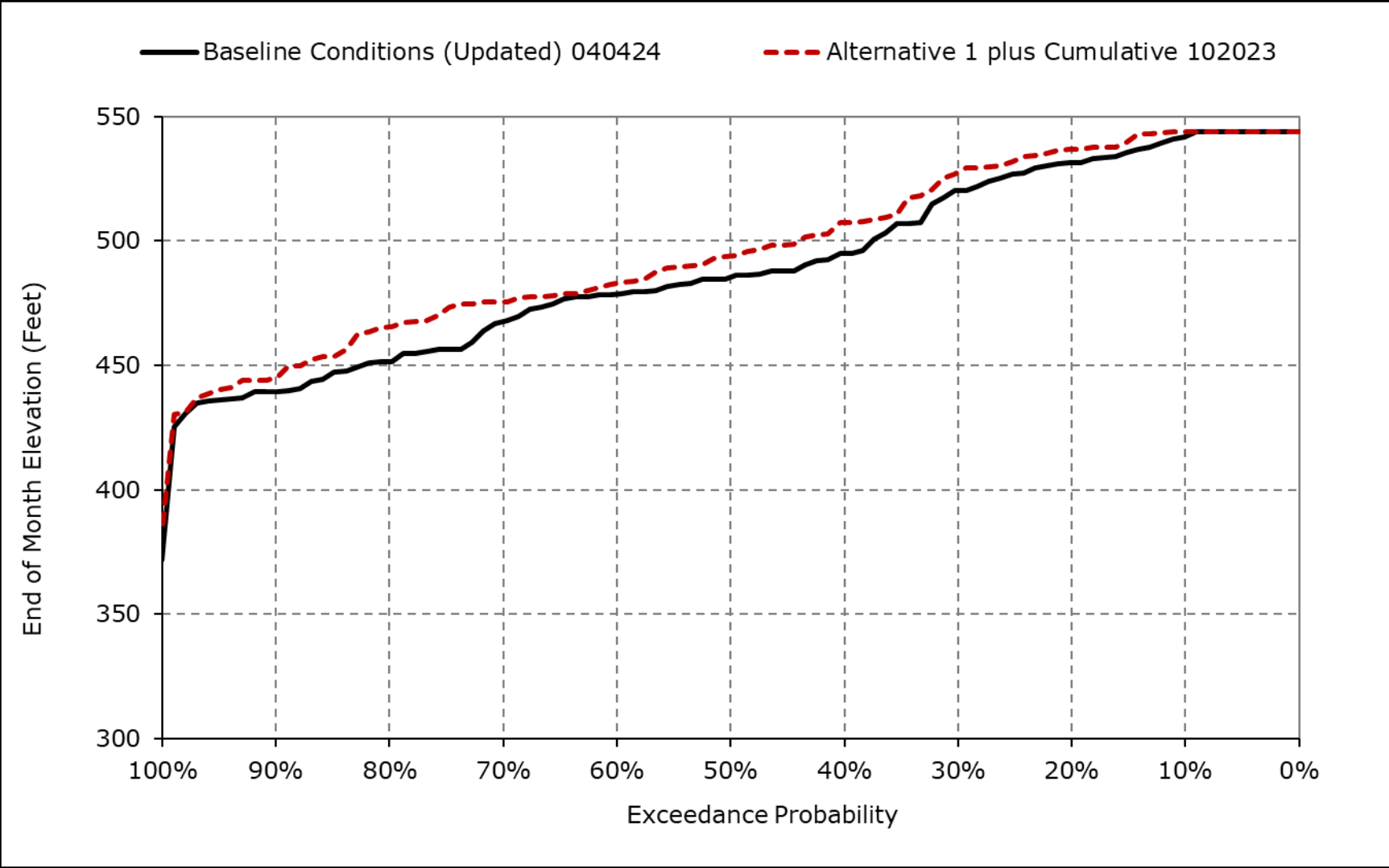
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-3f. San Luis Reservoir (SWP and CVP), March**



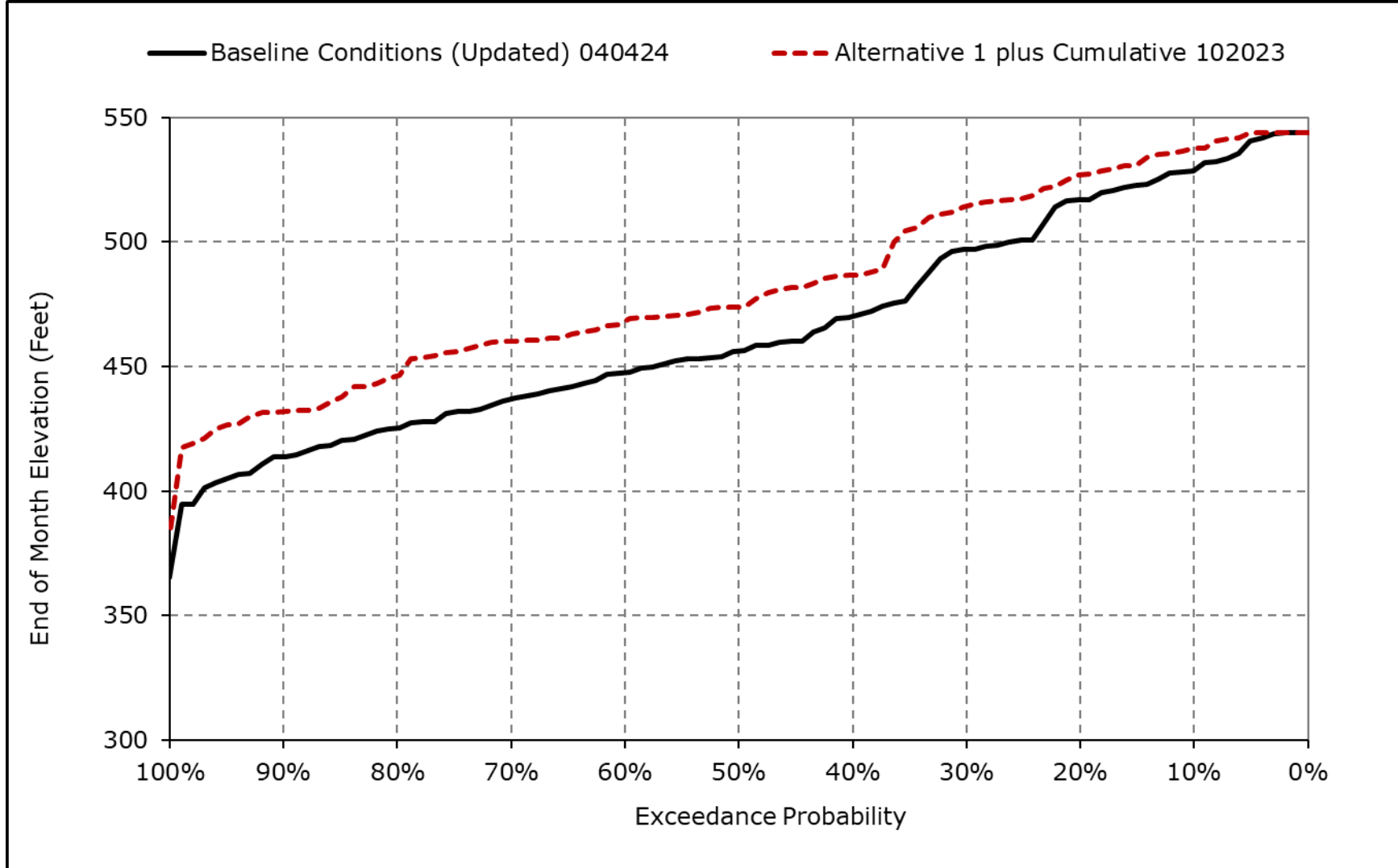
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-3g. San Luis Reservoir (SWP and CVP), April**



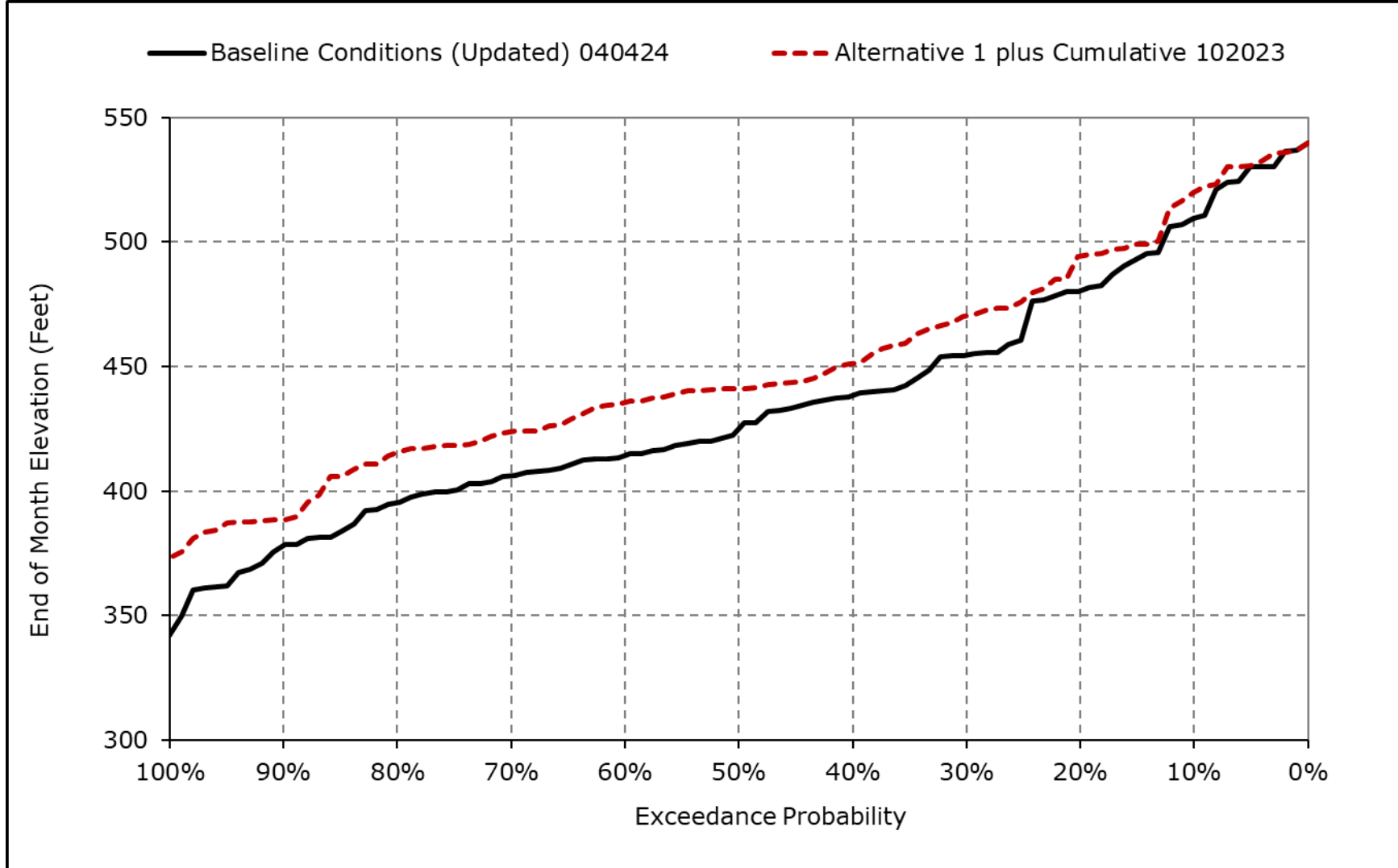
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-3h. San Luis Reservoir (SWP and CVP), May**



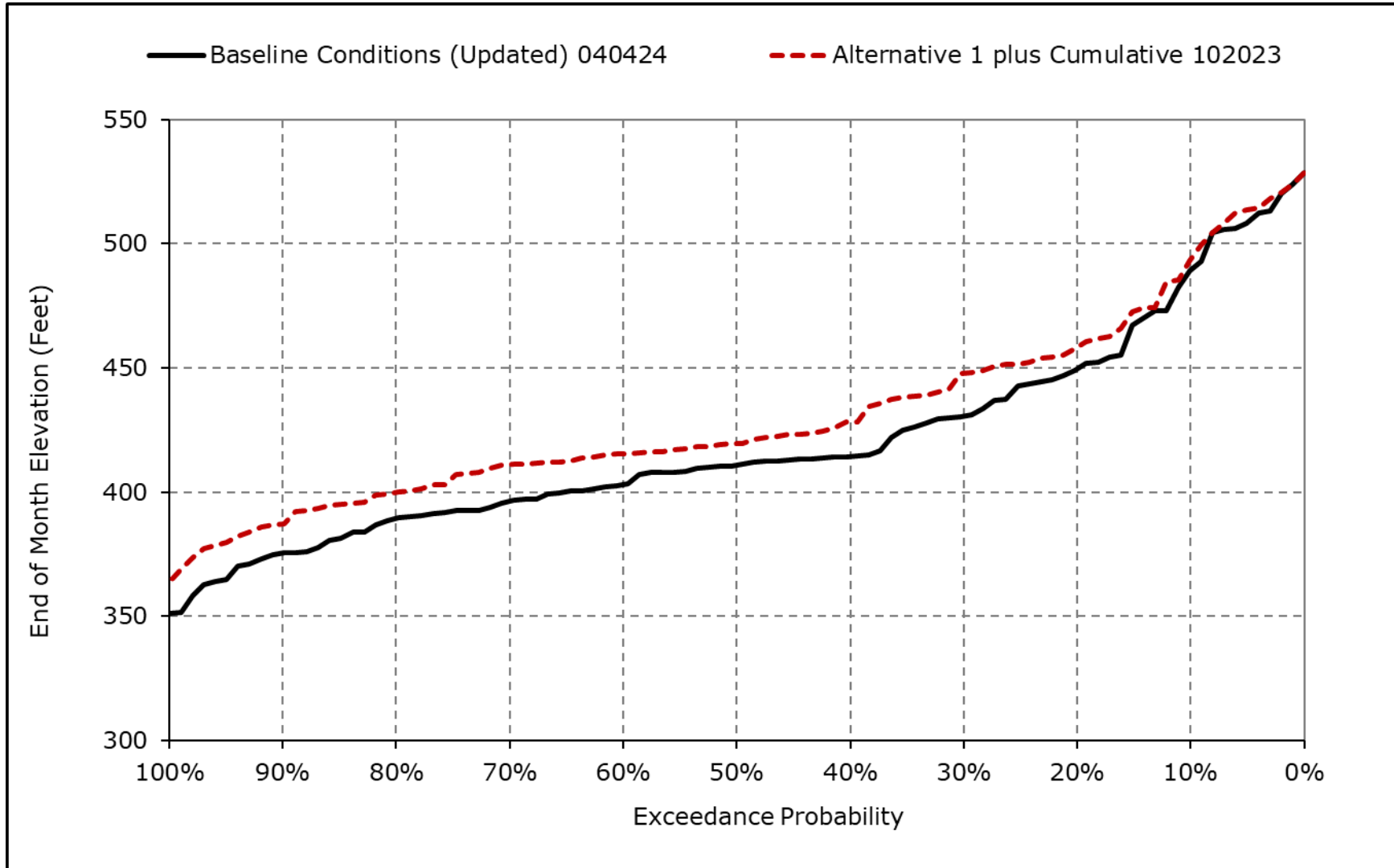
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-3i. San Luis Reservoir (SWP and CVP), June**



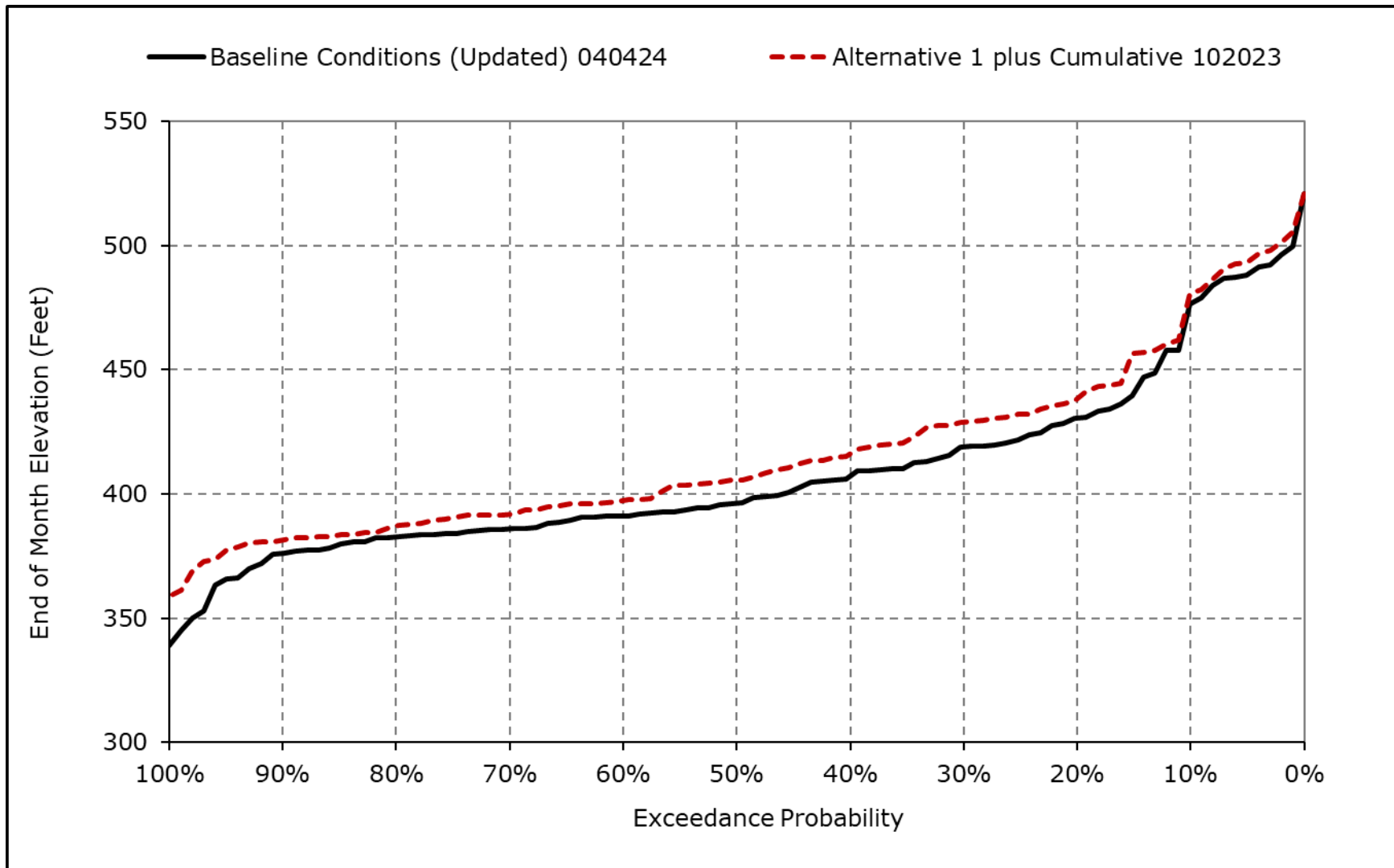
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4G-2-3j. San Luis Reservoir (SWP and CVP), July**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

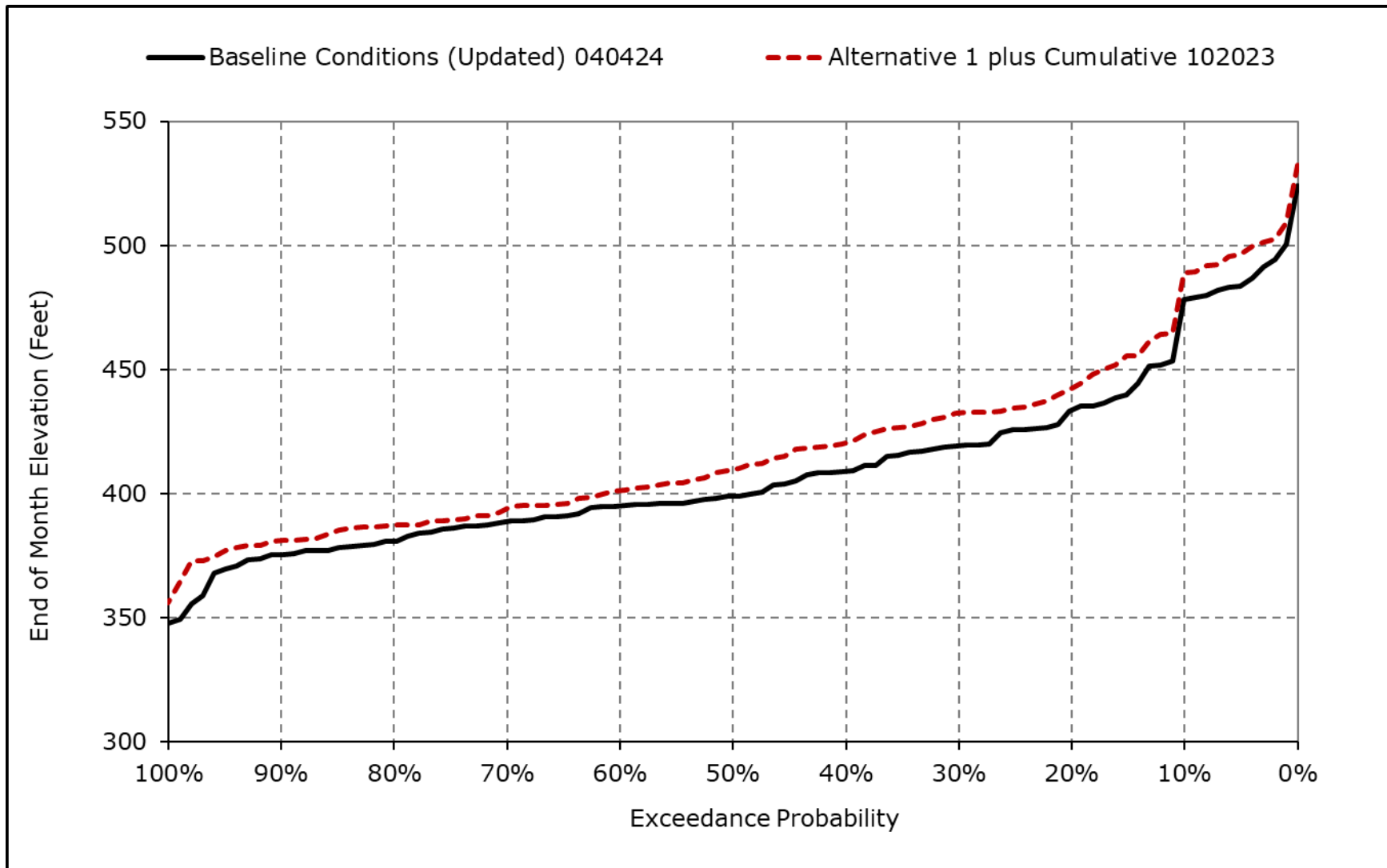
**Figure 4G-2-3k. San Luis Reservoir (SWP and CVP), August**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



**Figure 4G-2-3I. San Luis Reservoir (SWP and CVP), September**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.