Water Conditions Update

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CA Temperature and Precipitation

End Year 2-year P

<table>
<thead>
<tr>
<th>Year</th>
<th>Precipitation</th>
</tr>
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<tbody>
<tr>
<td>2021</td>
<td>28.2</td>
</tr>
<tr>
<td>1977</td>
<td>28.7</td>
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<tr>
<td>2015</td>
<td>30.68</td>
</tr>
<tr>
<td>2014</td>
<td>31.71</td>
</tr>
<tr>
<td>1924</td>
<td>31.82</td>
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<tr>
<td>2008</td>
<td>33.55</td>
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</tbody>
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Statewide Temperature and Precipitation

Accumulated Precipitation (Inches)

Average Annual Temperature (Degrees Fahrenheit)

- 20th Century
- 21st Century
- Period of Record Average
April-June Precipitation and Temperature for Sacramento Basin

Warmer and Drier
Water Year 2021 Notes

• Second driest year behind water year 1924 for Statewide Precipitation Total
• Second warmest year behind 2015 for Statewide Annual Mean Temperature
• Warmest/Driest Spring (Apr-June) in Sacramento Basin in observed record
• WY2020/2021 is driest 2-year period in observed record back to WY1896
WY2013 and WY2022 had roughly the same Oct-Dec precipitation accumulation.
California Water Watch – San Francisco Bay

Annual Precipitation Accumulation (period of record: 1981-current)

San Francisco Bay as of 03/13/2022

Download Image

Mean Temperature (period of record: 1981-current)

San Francisco Bay as of 03/13/2022

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https://cww.water.ca.gov
California Water Watch – Soil Moisture

3/10/22
WY 2022 Notable Statistics

- Statewide precipitation 2nd driest January and second driest February
- January/February 2022 recorded less than half of the previous record dry January/February which was 2013 (0.75 inches versus 1.64) Average is 8.16 or about 1/3 of the water year average of 24 inches.
- Statewide precipitation needs to accumulate 8.4 inches more to avoid record 3-year dryness beating out 2013/2014/2015 (average Mar-Sep precipitation is 7.4 inches)
- 2013-2022 on pace to be second driest decade (1923-1932 drier) on record