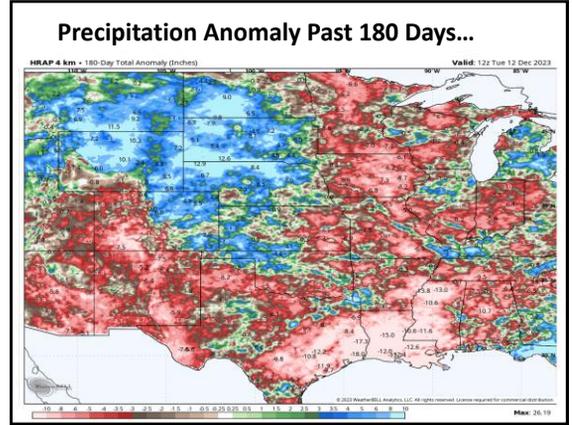
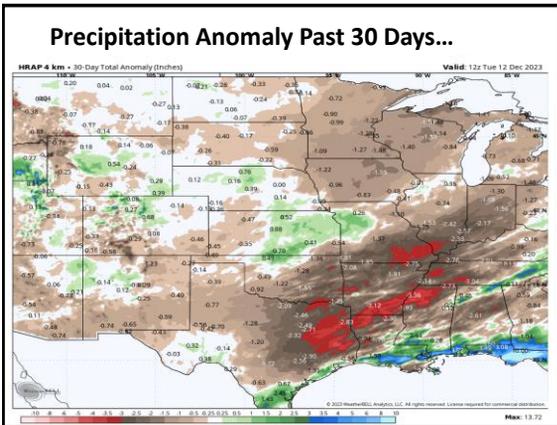


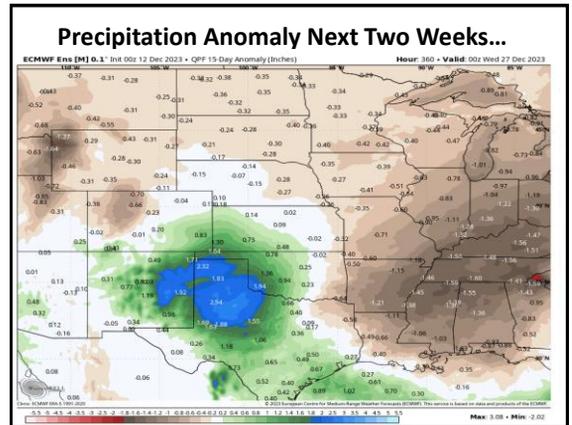
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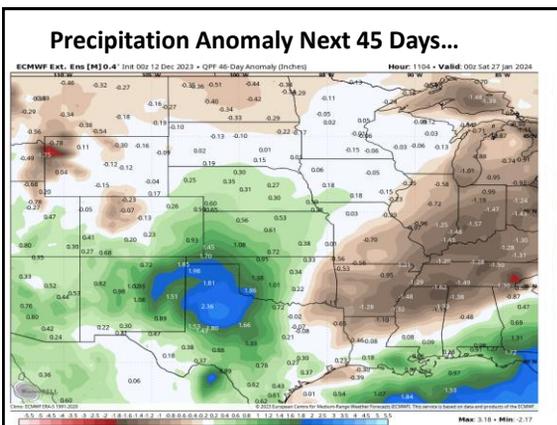
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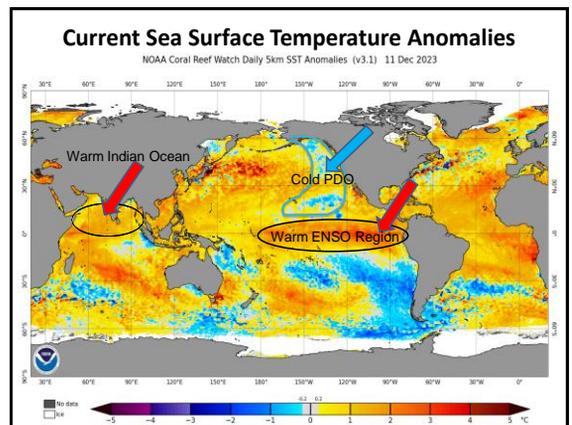
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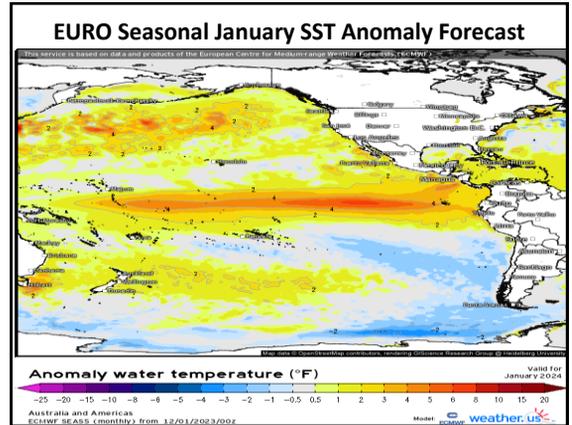


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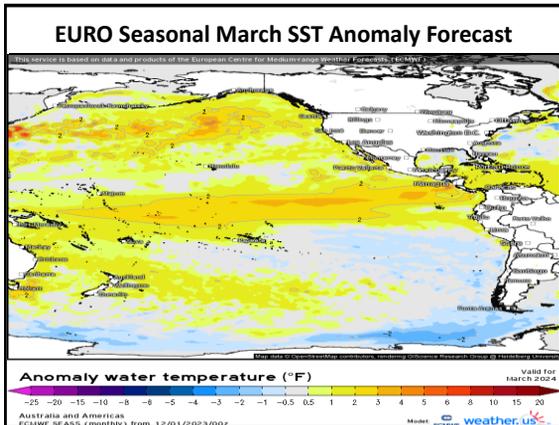
Multi-Variate ENSO Index

| 2003 | 0.7 | 0.6 | 0.6 | 0 | -0.5 | -0.2 | -0.1 | 0 | 0.1 | 0.3 | 0.4 | 0.2 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2004 | 0.1 | -0.1 | -0.5 | -0.3 | -0.4 | 0 | 0.4 | 0.7 | 0.5 | 0.3 | 0.4 | 0.5 |
| 2005 | 0.1 | 0.6 | 0.8 | 0.1 | 0.1 | 0.1 | -0.1 | 0 | -0.1 | -0.8 | -0.8 | -0.7 |
| 2006 | -0.7 | -0.5 | -0.6 | -0.8 | -0.3 | -0.1 | 0.2 | 0.6 | 0.6 | 0.6 | 0.8 | 0.6 |
| 2007 | 0.6 | 0.5 | -0.1 | -0.5 | -0.6 | -1 | -0.6 | -0.9 | -1.1 | -1.2 | -1.2 | -1.3 |
| 2008 | -1.1 | -1.2 | -1.6 | -1.3 | -1 | -0.8 | -0.9 | -1 | -1 | -1.1 | -1.1 | -1.1 |
| 2009 | -1 | -0.9 | -0.9 | -0.7 | -0.6 | 0.3 | 0.6 | 0.5 | 0.4 | 0.6 | 1.2 | 1.1 |
| YEAR | DJ | JF | FM | MA | AM | MJ | JJ | JA | AS | SO | ON | ND |
| 2010 | 1 | 1.3 | 1.3 | 0.4 | -0.5 | -1.7 | -2.5 | -2.5 | -2.4 | -2.2 | -2.1 | -1.9 |
| 2011 | -1.9 | -1.6 | -1.8 | -1.9 | -1.3 | -1.1 | -0.9 | -0.9 | -1.2 | -1.4 | -1.3 | -1.2 |
| 2012 | -1.1 | -0.7 | -0.6 | -0.5 | -0.4 | -0.1 | 0.4 | 0 | -0.3 | -0.2 | -0.2 | 0 |
| 2013 | 0 | 0 | -0.2 | -0.4 | -0.9 | -1.1 | -0.8 | -0.5 | -0.4 | -0.2 | -0.2 | -0.3 |
| 2014 | -0.5 | -0.4 | -0.2 | -0.2 | -0.3 | 0 | 0.4 | 0.2 | -0.1 | 0 | 0.3 | 0.3 |
| 2015 | 0.2 | 0 | 0.1 | 0.5 | 1.2 | 1.7 | 1.7 | 1.9 | 2.1 | 2.1 | 1.9 | 1.9 |
| 2016 | 1.9 | 1.8 | 1.3 | 1.2 | 1.1 | 0.2 | -0.5 | -0.2 | -0.3 | -0.5 | -0.3 | -0.2 |
| 2017 | -0.2 | -0.2 | -0.5 | -0.4 | -0.1 | -0.6 | -0.9 | -0.9 | -0.8 | -0.6 | -0.5 | -0.7 |
| 2018 | -0.8 | -0.7 | -0.9 | -1.3 | -0.9 | -0.6 | -0.3 | 0.1 | 0.5 | 0.4 | 0.2 | 0.1 |
| 2019 | 0 | 0.5 | 0.7 | 0.3 | 0.2 | 0.3 | 0.2 | 0.3 | 0.1 | 0.2 | 0.4 | 0.4 |
| YEAR | DJ | JF | FM | MA | AM | MJ | JJ | JA | AS | SO | ON | ND |
| 2020 | 0.2 | 0.1 | 0.1 | -0.1 | -0.4 | -0.9 | -0.9 | -0.9 | -1.2 | -1.2 | -1.1 | -1.2 |
| 2021 | -1.2 | -0.9 | -0.8 | -1 | -1.2 | -1.3 | -1.5 | -1.3 | -1.4 | -1.5 | -1.4 | -1.2 |
| 2022 | -1.1 | -1 | -1.3 | -1.8 | -1.9 | -2.1 | -2.1 | -1.8 | -1.8 | -1.7 | -1.5 | -1.2 |
| 2023 | -1.1 | -0.8 | -0.7 | -0.4 | -0.1 | 0.2 | 0.3 | 0.4 | 0.6 | 0.3 | 0.6 | |

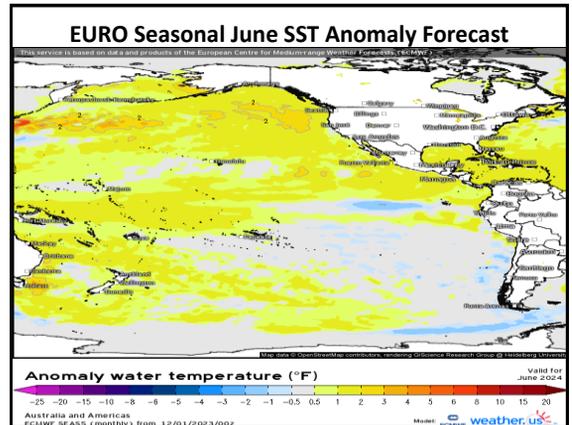
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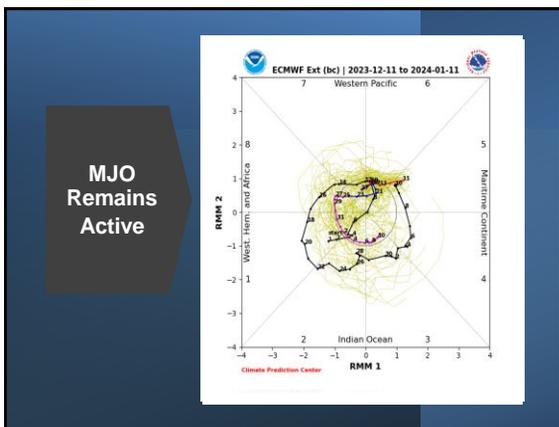
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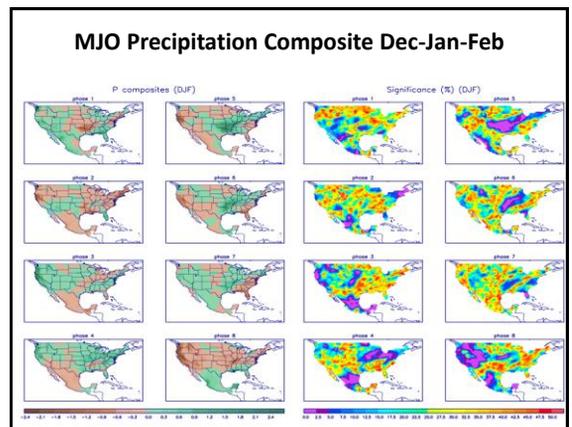
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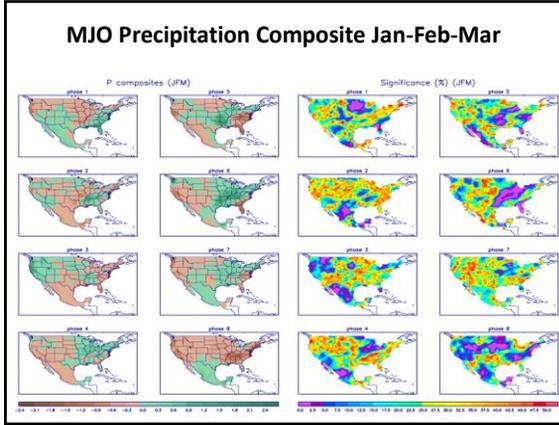
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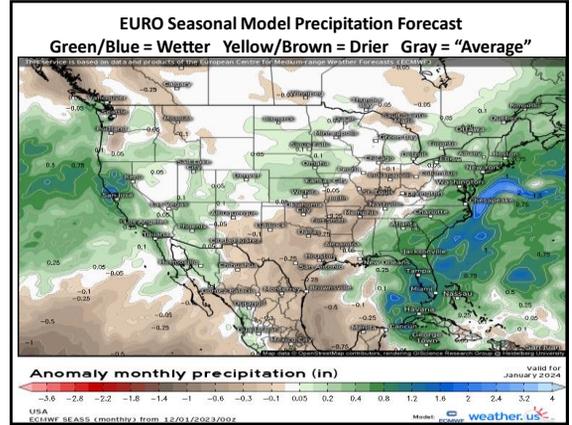
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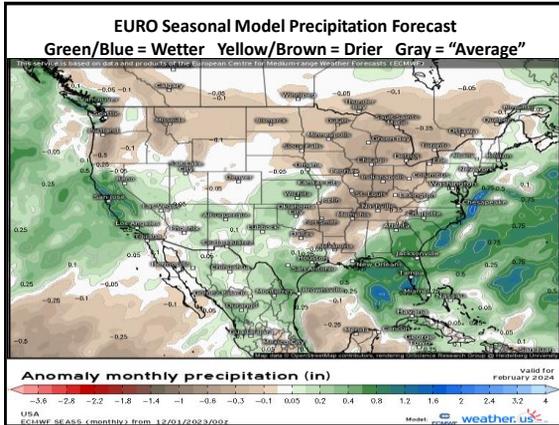
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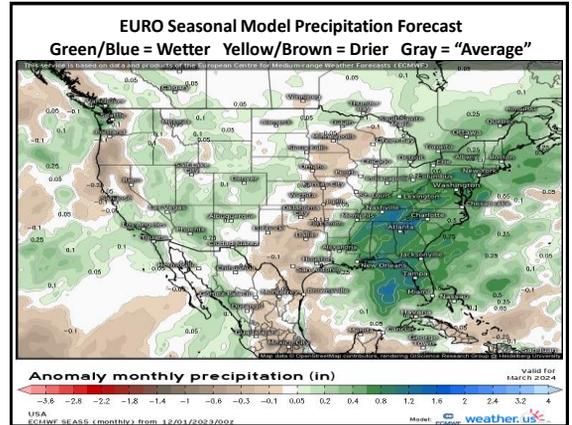
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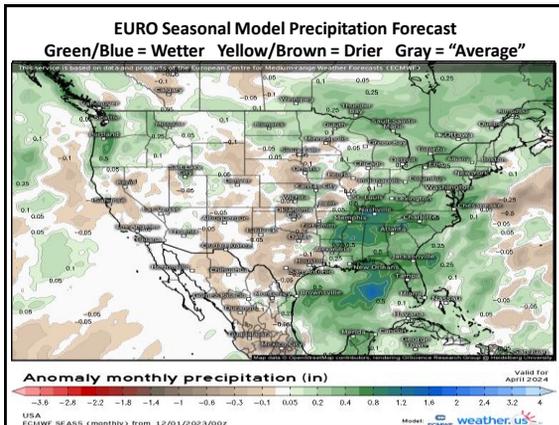
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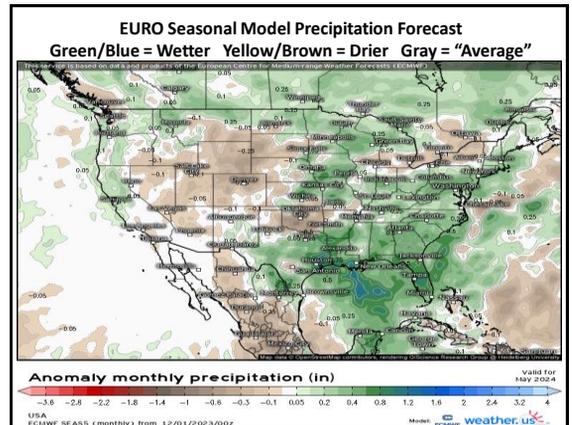
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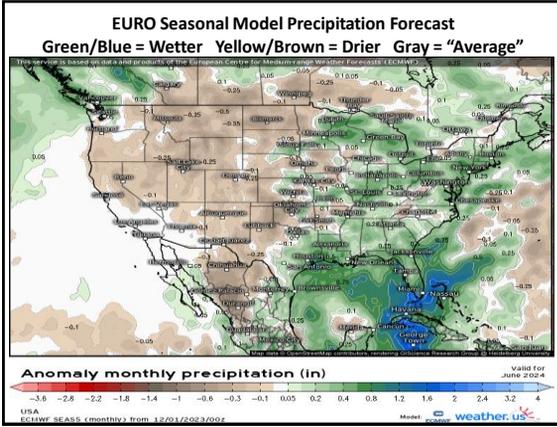
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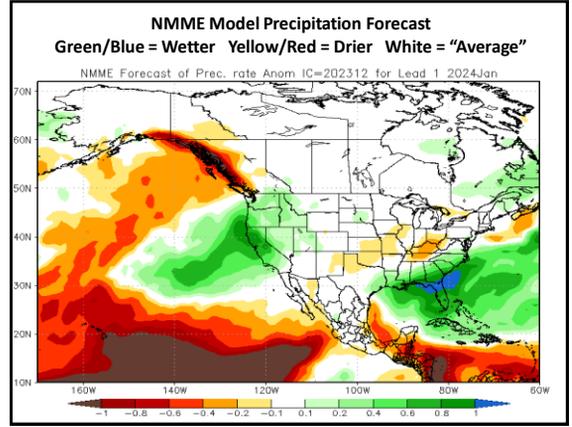
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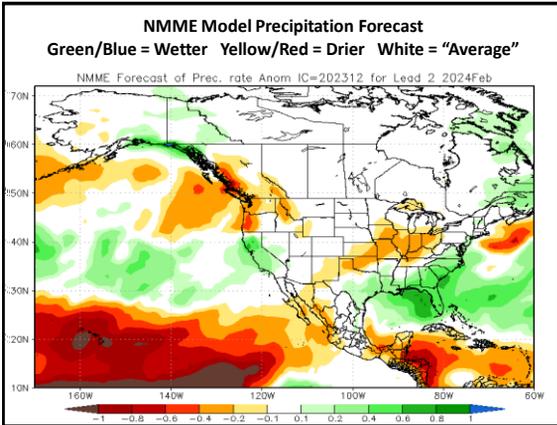
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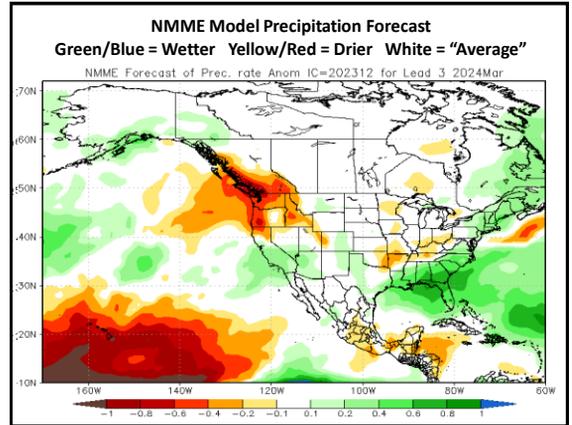
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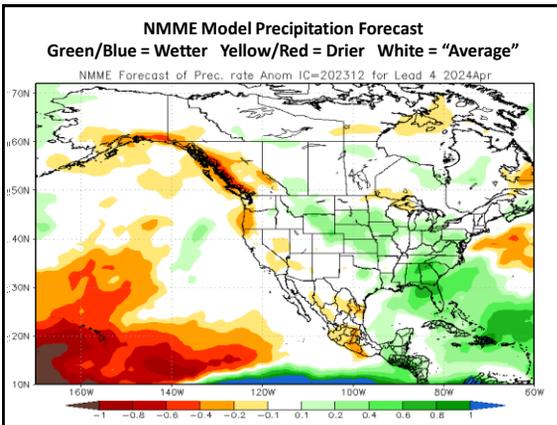
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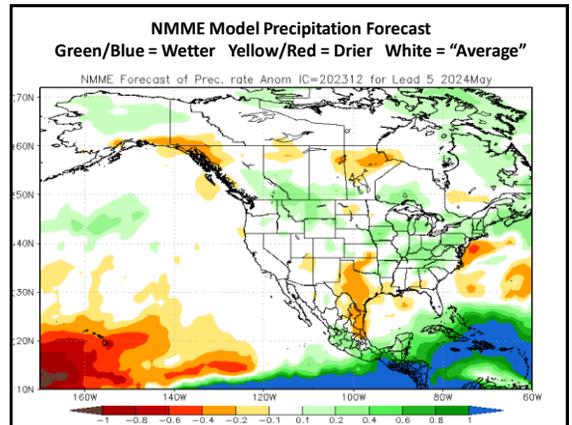
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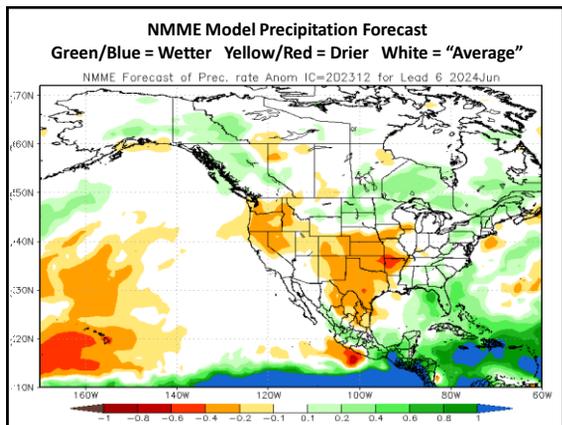
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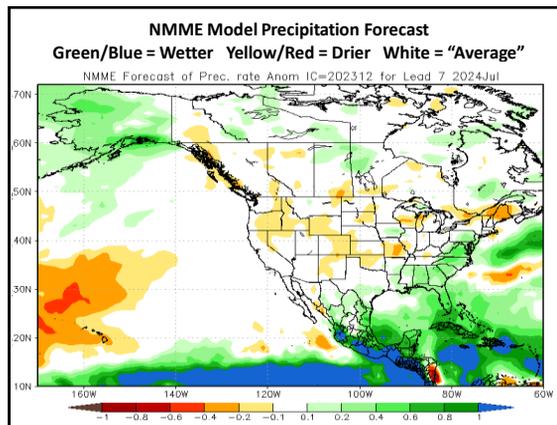
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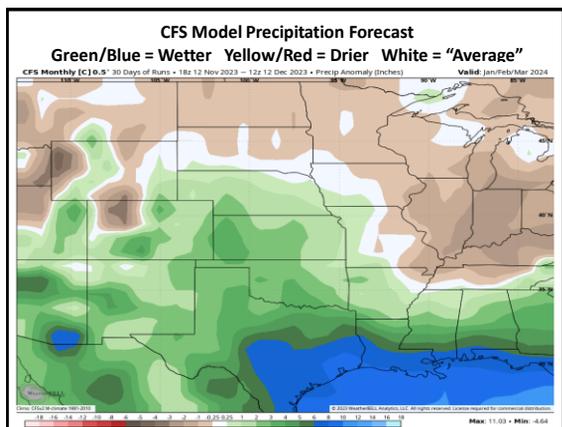
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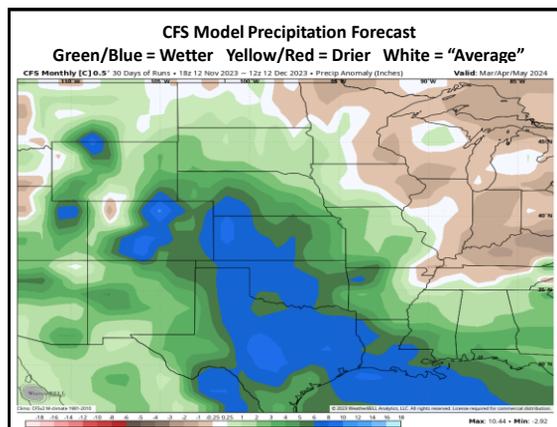
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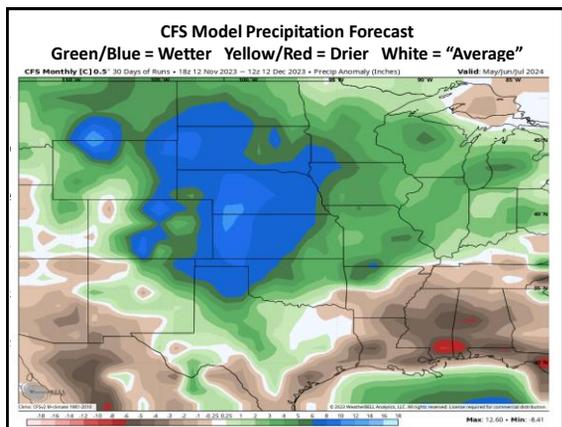
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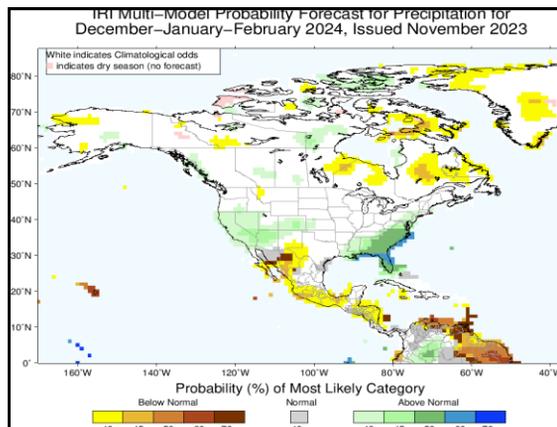
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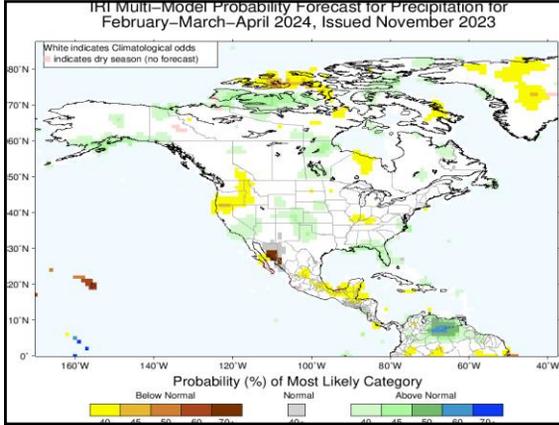
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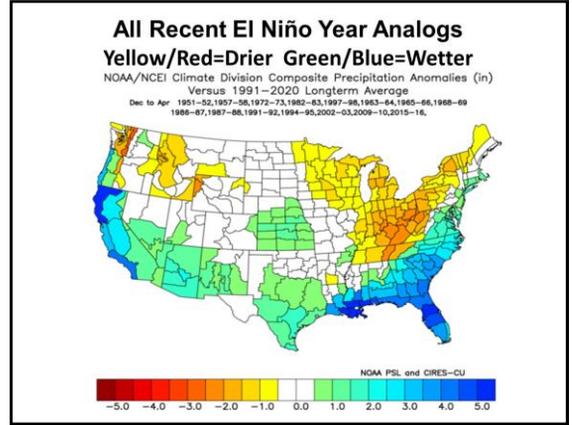
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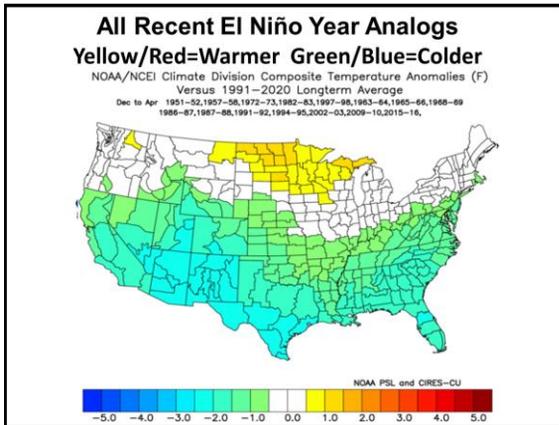
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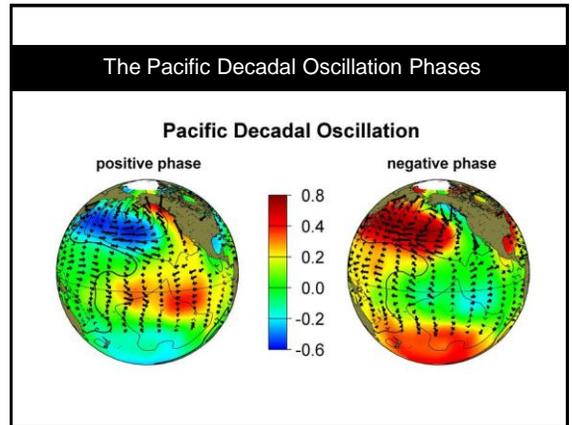
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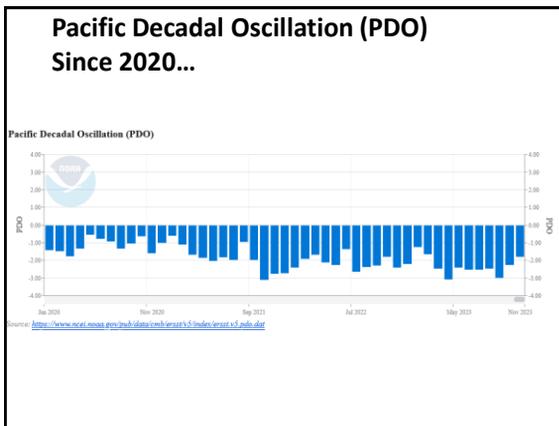
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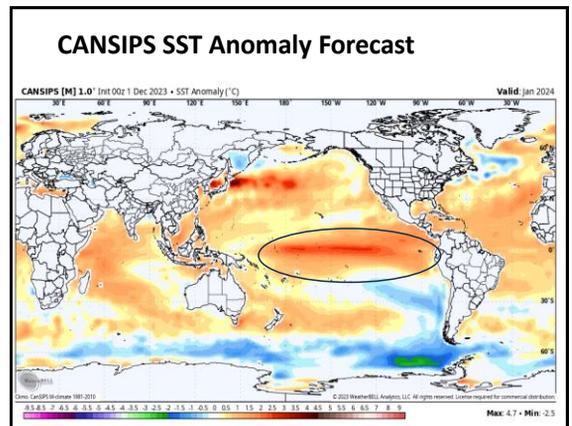
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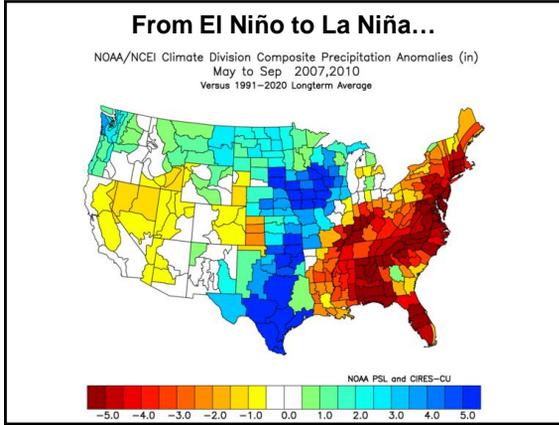
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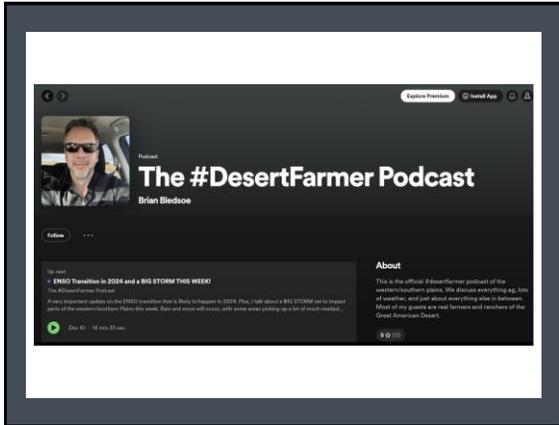


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My Thoughts...

- 1) El Niño is here for now but will be departing later this winter.
- 2) Regional moisture through April will likely be greatest south of I-70. There will still be storms, but best storm track remains south...
- 3) Transition to La Niña likely takes place in the late spring through summer...
- 4) It's not a slam dunk but be prepared for renewed drought threat later in 2024. Especially true for southern parts of the region...

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Making The Weather Work for You

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