



State Water Resources Control Board  
 Temporary Urgency Change Orders (12/23/2025)  
 Russian River Hydrologic & Water Quality Report  
 April 17, 2026 - April 23, 2026

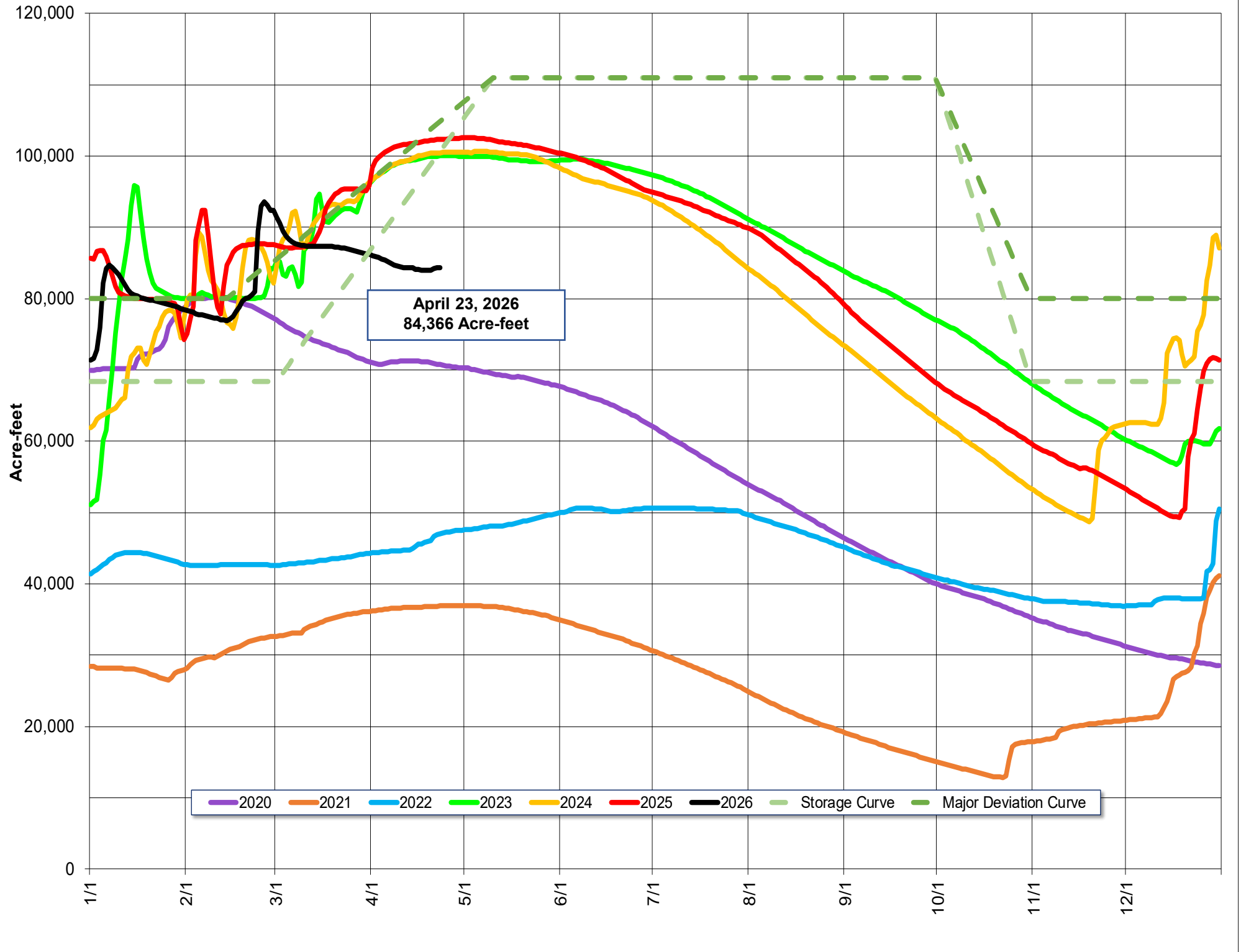
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

**Instream Flow Requirements as of April 23, 2026**

Basis	Reach	Instantaneous (cfs)	5-day Average (cfs)
Modified Per Order: Dry Condition	Upper Russian River	75	-
Modified Per Order: Dry Condition	Dry Creek	25	-
Modified Per Order: Dry Condition	Lower Russian River	85	-

**Lake Mendocino**

**Lake Mendocino Storage 2020 - 2026 and Storage Curve**



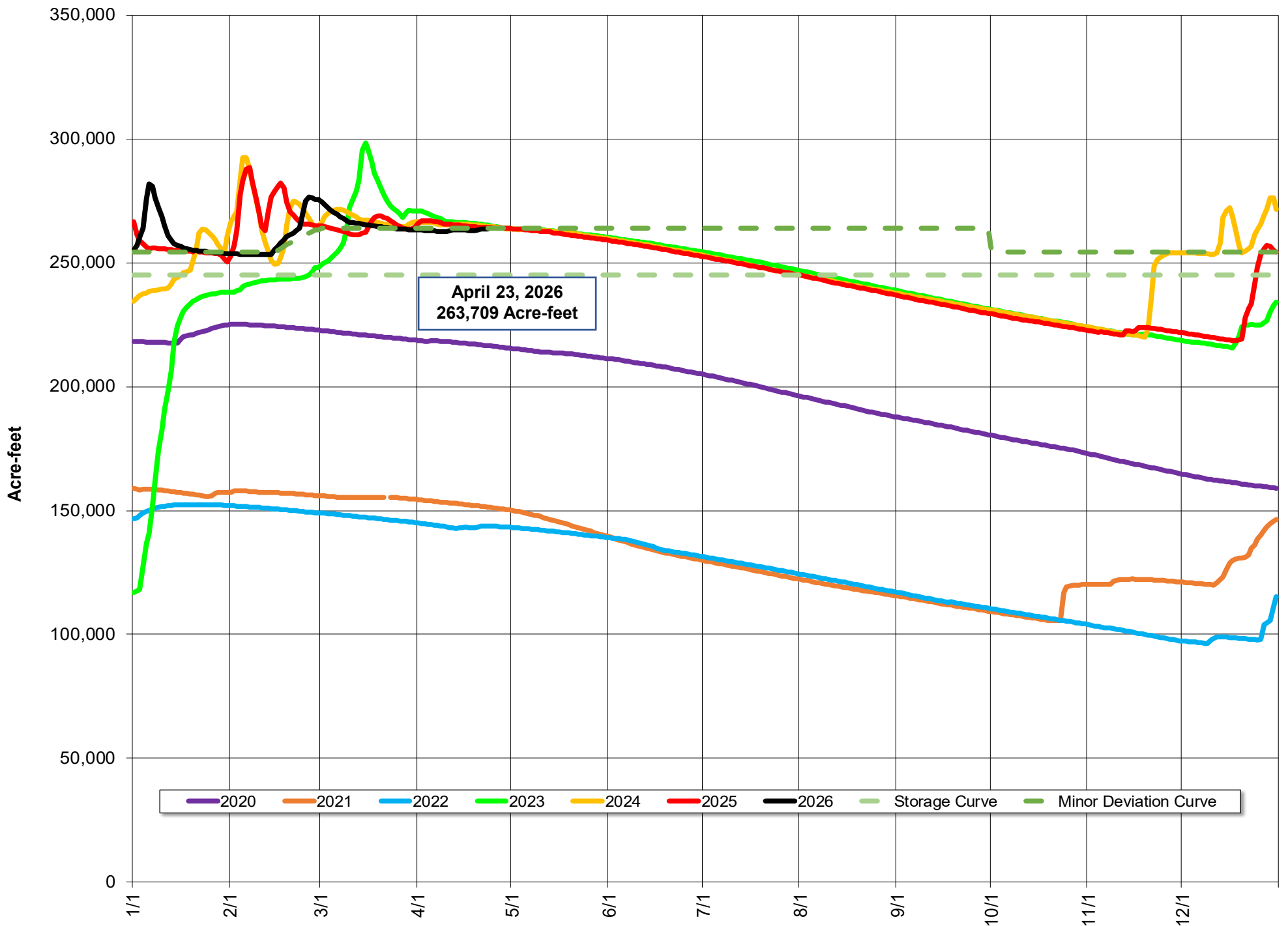
Storage (acre-feet)	April 23, 2026	<b>84,366</b>	
Change in Storage (acre-feet)	Last 30 days	<b>-2,581</b>	<b>Average Daily Rate</b>
	Last 7 days	<b>330</b>	<b>47</b>
Daily Inflow (cfs)	Last 7 days	Min	<b>72</b>
		Max	<b>133</b>
		Mean	<b>92</b>
Release (cfs)	Last 7 days	Min	<b>30</b>
		Max	<b>97</b>
		Mean	<b>60</b>

# Lake Sonoma



Todd Schram, February 10, 2024

## Lake Sonoma Storage 2020 - 2026



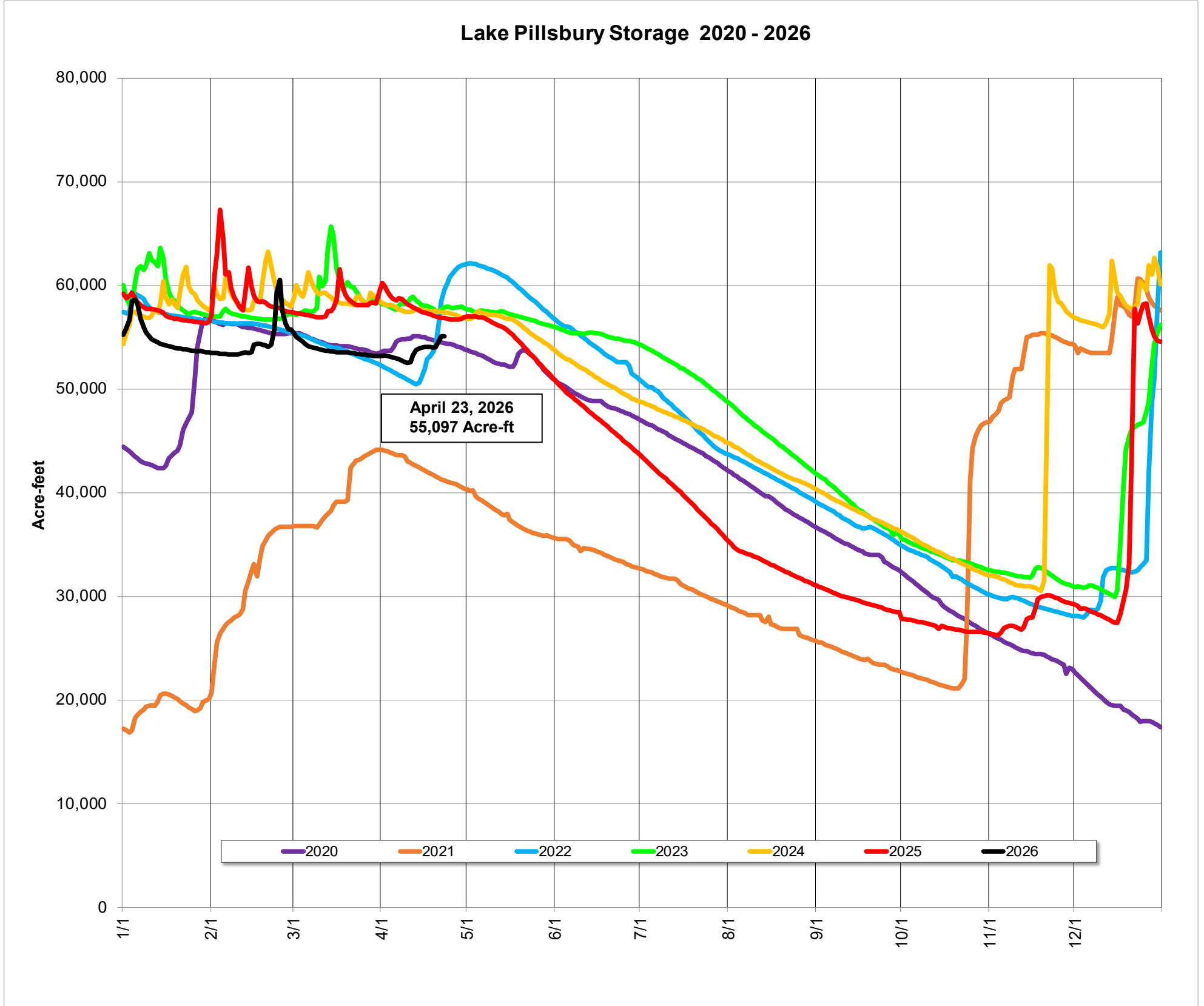
Storage (acre-feet)	April 23, 2026	<b>263,709</b>	
Change in Storage (acre-feet)	Last 30 days	<b>-194</b>	<b>-6</b>
	Last 7 days	<b>527</b>	<b>75</b>
Daily Inflow (cfs)	Last 7 days	Min	<b>32</b>
		Max	<b>235</b>
		Mean	<b>113</b>
Release (cfs)	Last 7 days	Min	<b>61</b>
		Max	<b>66</b>
		Mean	<b>65</b>

# Potter Valley Project

PVP Diversion (cfs)	April 23, 2026	45
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2025 - April 23, 2026	351,285	1,714
	Last 7 days	7,358	1,472

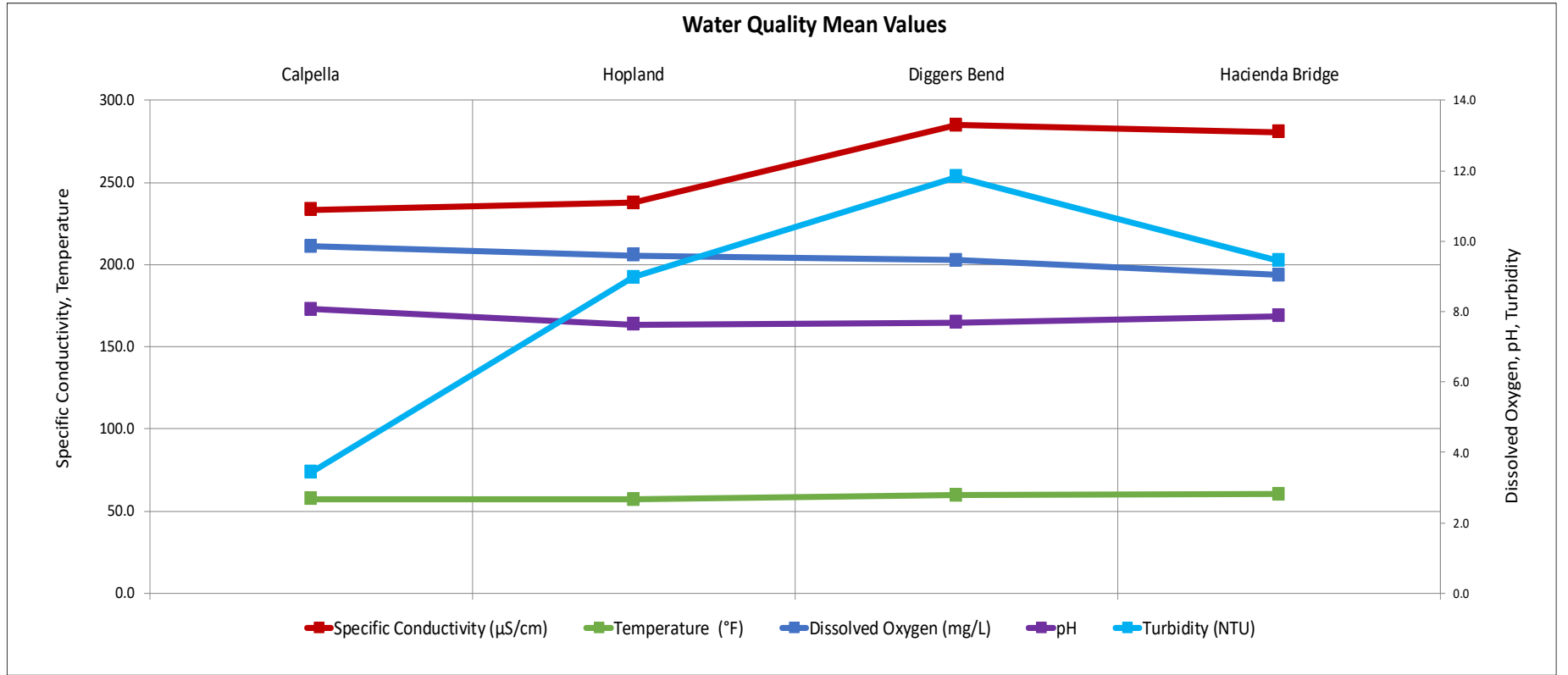
\*Inflow calculation based on criteria established in D1610



### Russian River Flows (April 17, 2026 - April 23, 2026)

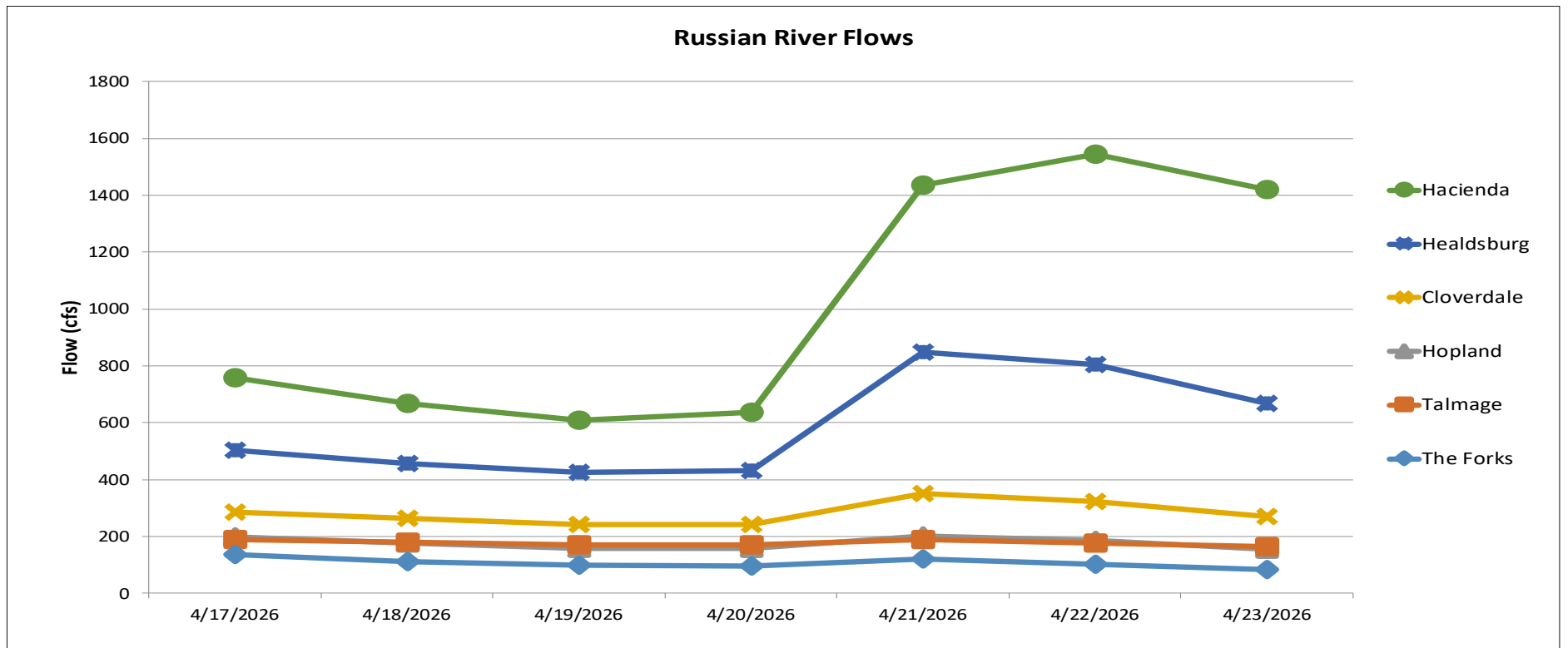
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	54.1	54.5		57.0	56.5		57.7	
	Max	60.6	60.6		62.6	63.1		62.6	
	Mean	57.3	57.0		59.7	59.7		60.1	
Specific Conductivity (µS/cm)	Min	223.0	223.0			254.0		226.0	
	Max	246.0	251.0			307.0		313.0	
	Mean	233.3	237.7			284.8		280.6	
Dissolved Oxygen (mg/L)	Min	9.3	9.0			8.9		8.6	
	Max	10.6	10.6			10.3		9.9	
	Mean	9.9	9.6			9.5		9.0	
Dissolved Oxygen (% Saturation)	Min	91.2	86.3			88.3		84.4	
	Max	105.4	106.9			106.8		102.5	
	Mean	95.7	92.8			94.7		90.9	
pH	Min	7.9	7.6			7.6		7.7	
	Max	8.3	7.8			7.9		8.0	
	Mean	8.1	7.6			7.7		7.9	
Turbidity (NTU)	Min	1.7	6.2			3.0		2.5	
	Max	7.2	12.1			91.1		35.3	
	Mean	3.4	9.0			11.8		9.4	

\*Station operated seasonally



Gage	24-hr Average Flow (cfs)						
	Apr 17, 2026	Apr 18, 2026	Apr 19, 2026	Apr 20, 2026	Apr 21, 2026	Apr 22, 2026	Apr 23, 2026
The Forks*	135	110	99	96	122	102	84
Talmage USGS 11462080	190	179	170	170	188	177	165
Hopland USGS 11462500	197	175	157	157	200	185	156
Cloverdale USGS 11463000	285	263	242	243	351	324	271
Healdsburg USGS 11464000	503	456	424	431	848	805	667
Hacienda USGS 11467000	759	669	608	637	1434	1546	1419

\*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)

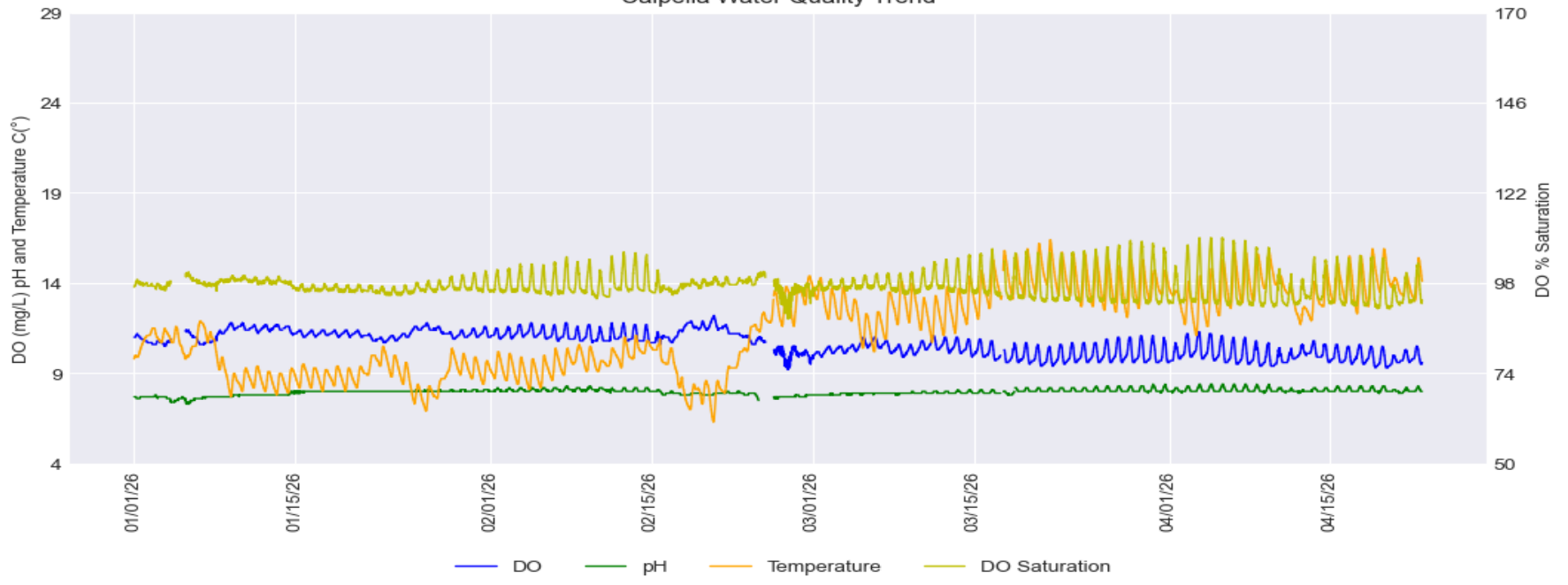


Russian River Water Quality January 1, 2026 – April 23, 2026

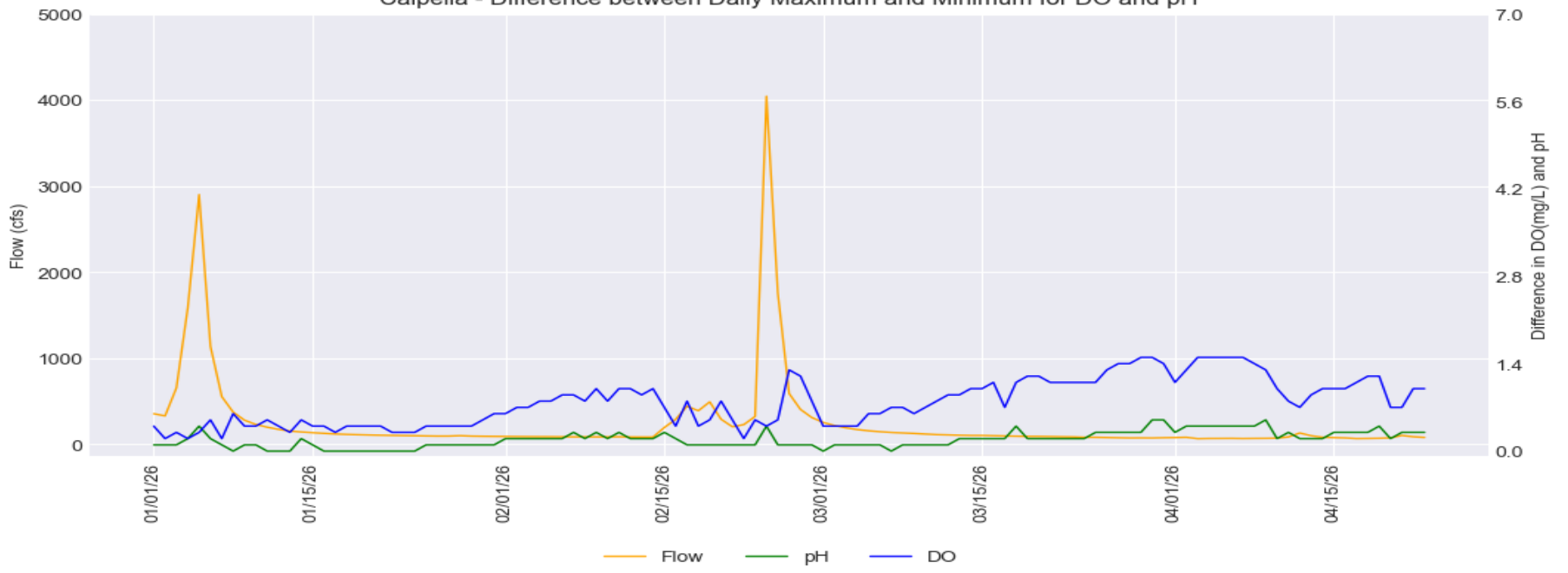
Provisional Data Subject to Revision

**Calpella**

Calpella Water Quality Trend

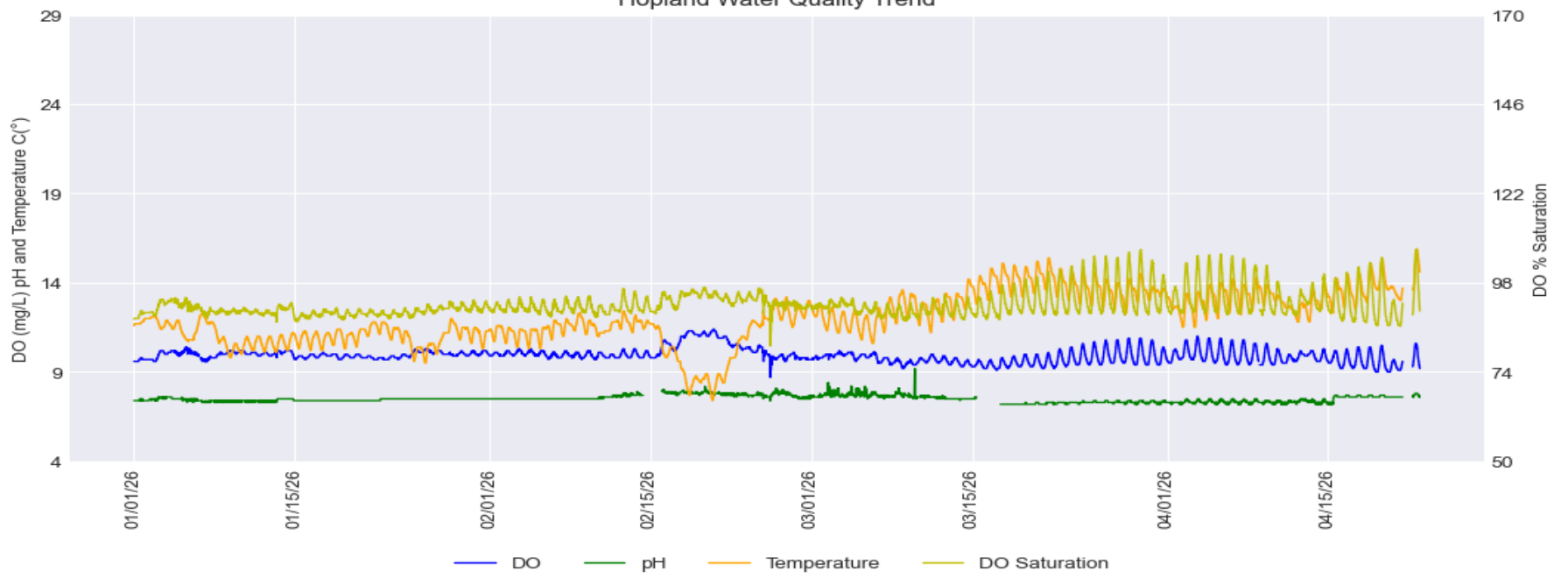


Calpella - Difference between Daily Maximum and Minimum for DO and pH

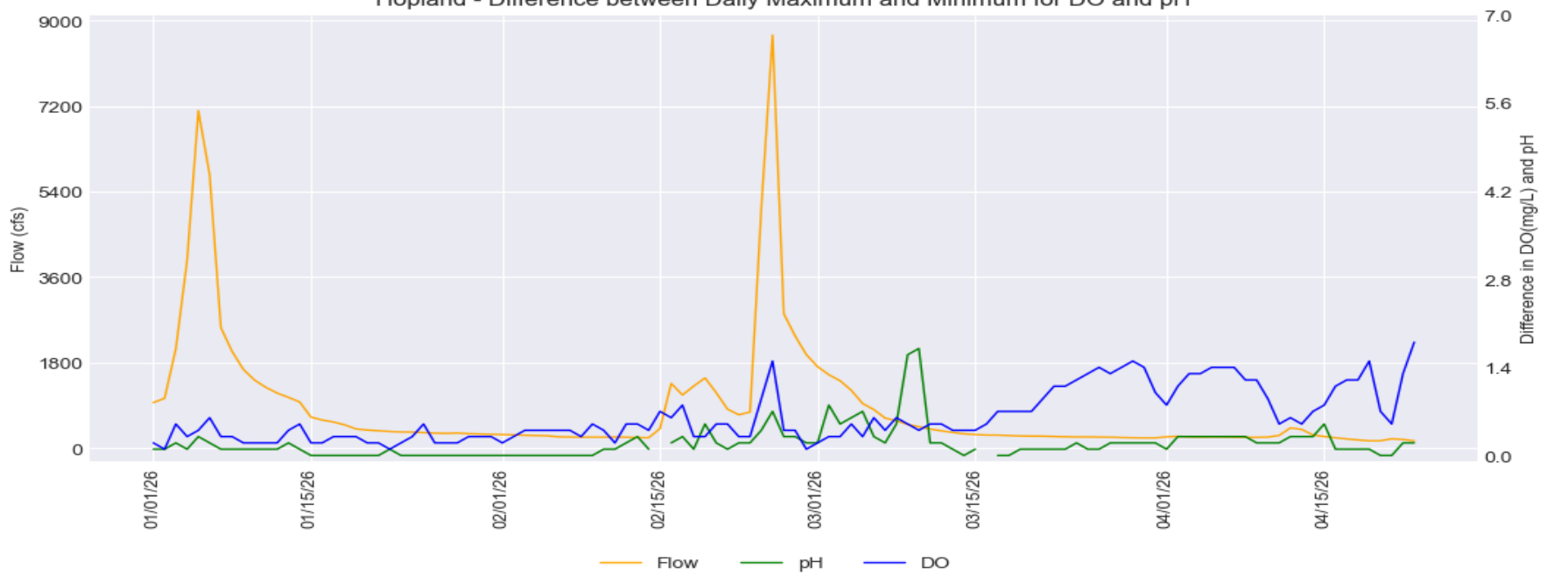


**Hopland**

Hopland Water Quality Trend



Hopland - Difference between Daily Maximum and Minimum for DO and pH

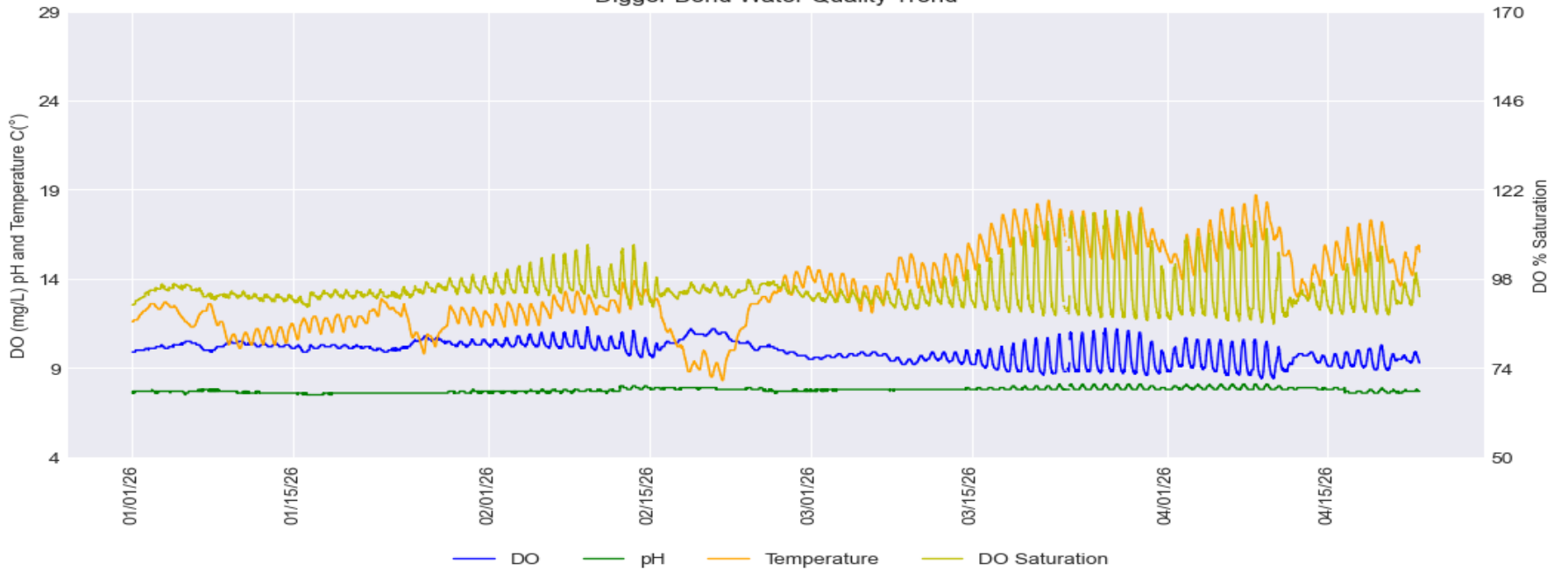


Russian River Water Quality January 1, 2026 – April 23, 2026

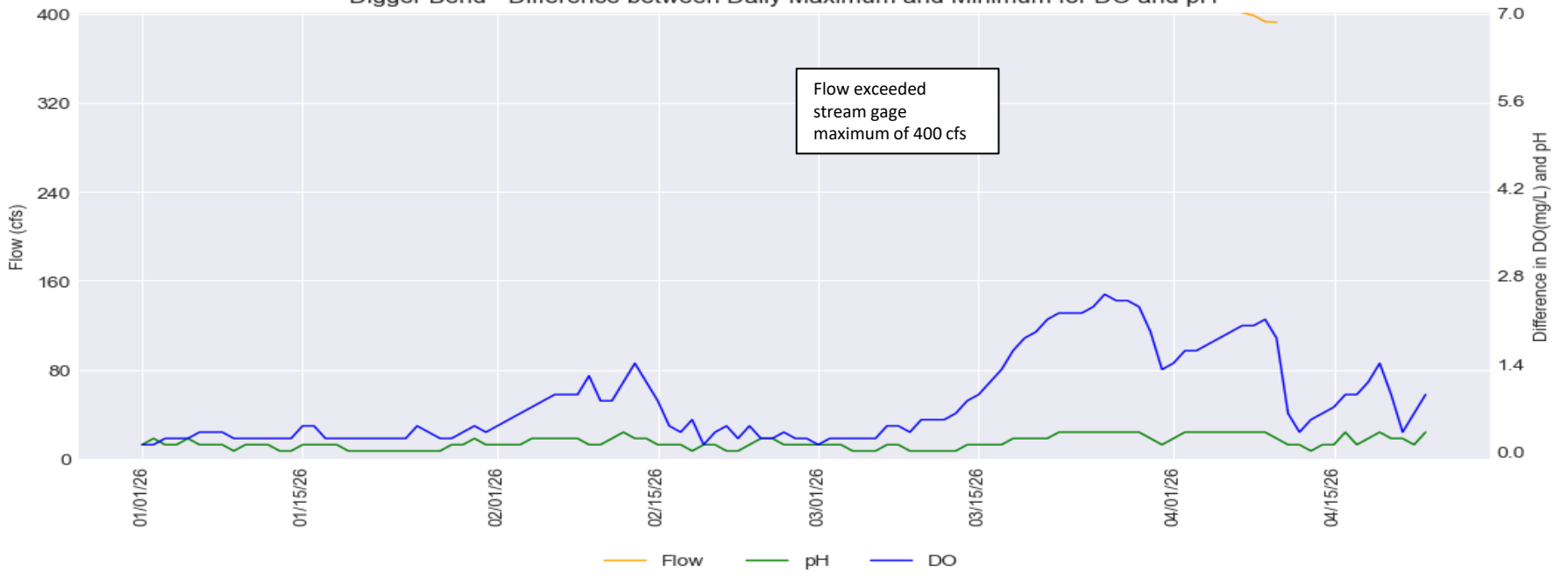
Provisional Data Subject to Revision

**Digger Bend**

Digger Bend Water Quality Trend

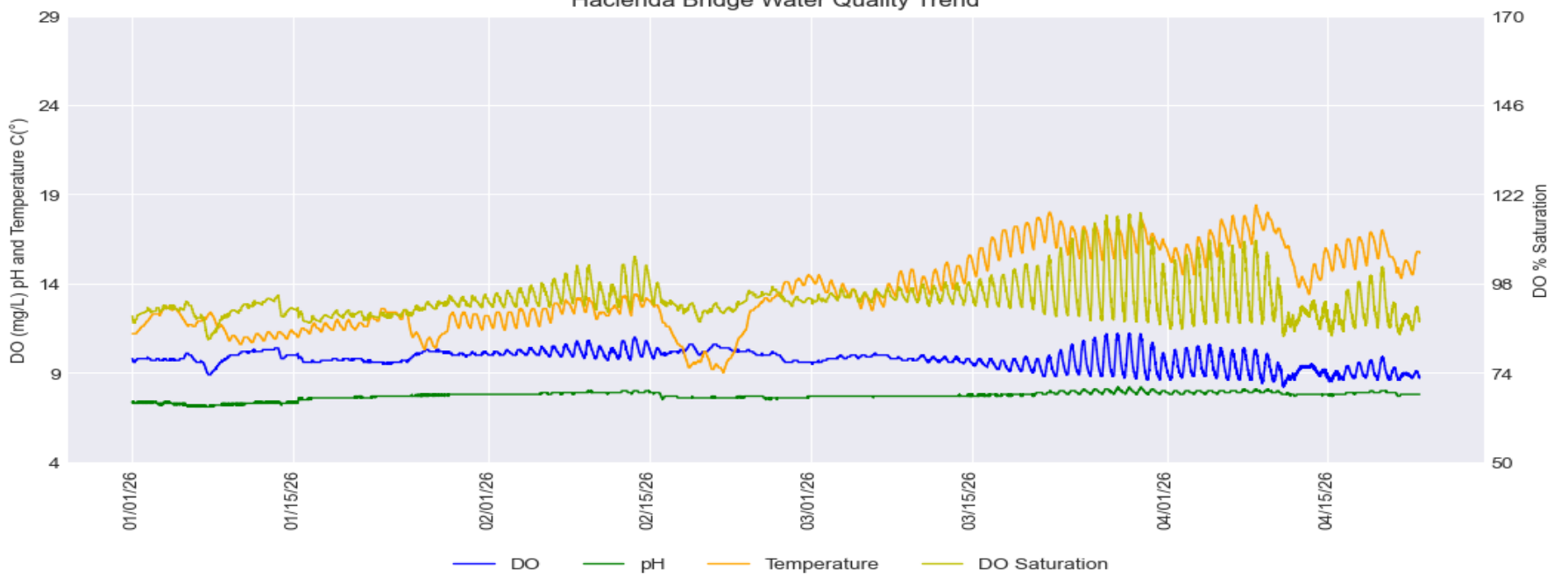


Digger Bend - Difference between Daily Maximum and Minimum for DO and pH

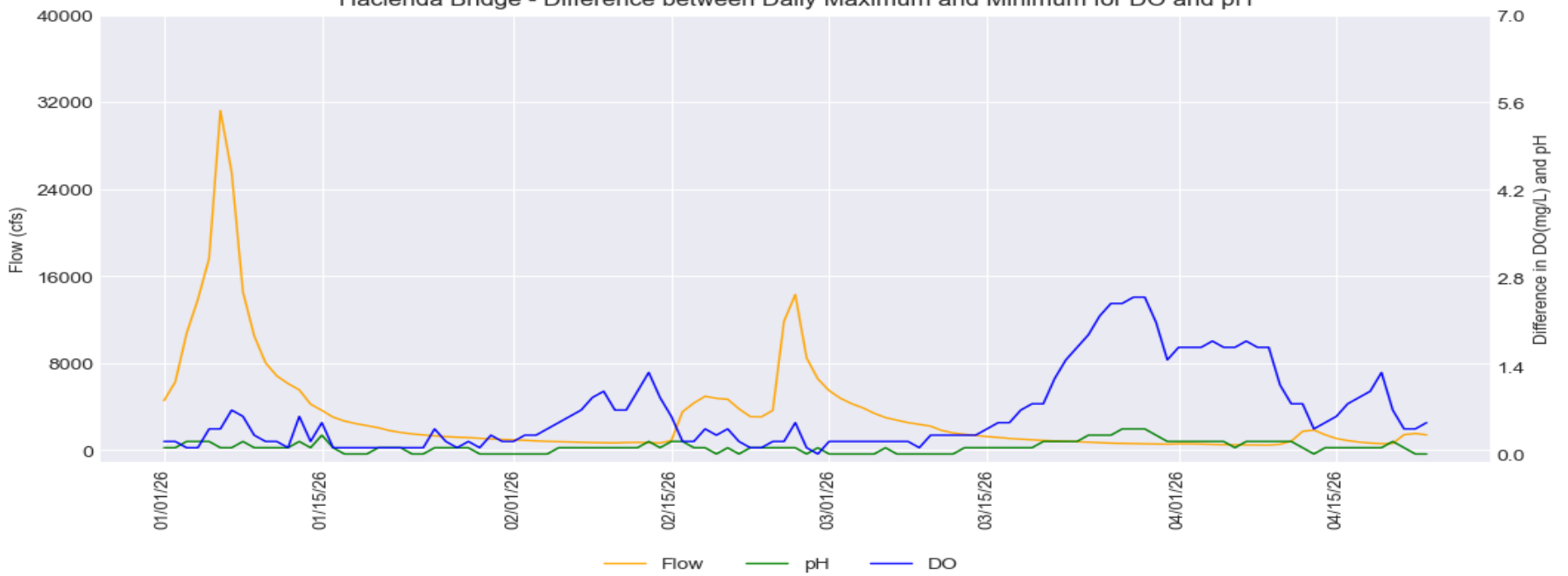


**Hacienda Bridge**

Hacienda Bridge Water Quality Trend



Hacienda Bridge - Difference between Daily Maximum and Minimum for DO and pH

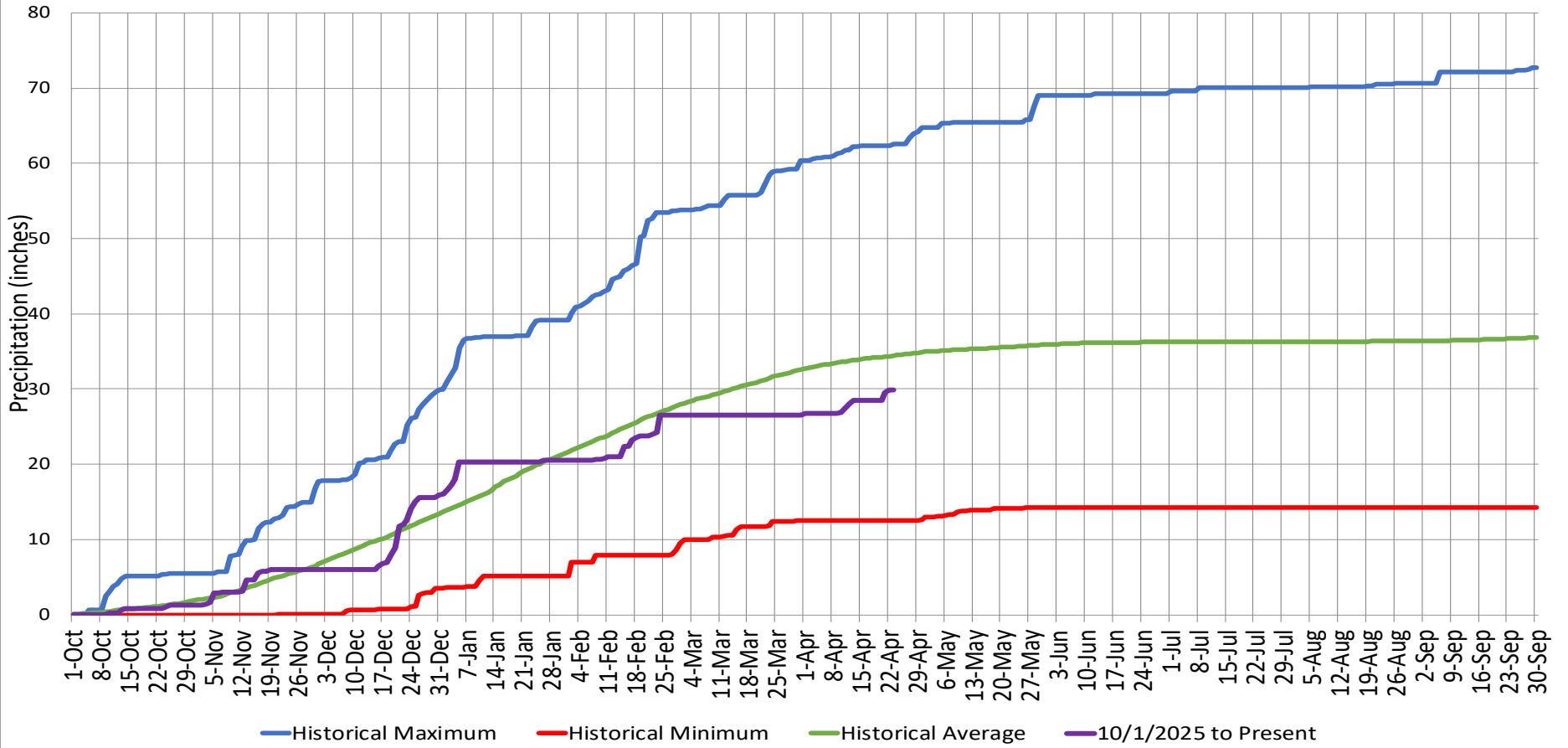


# Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))

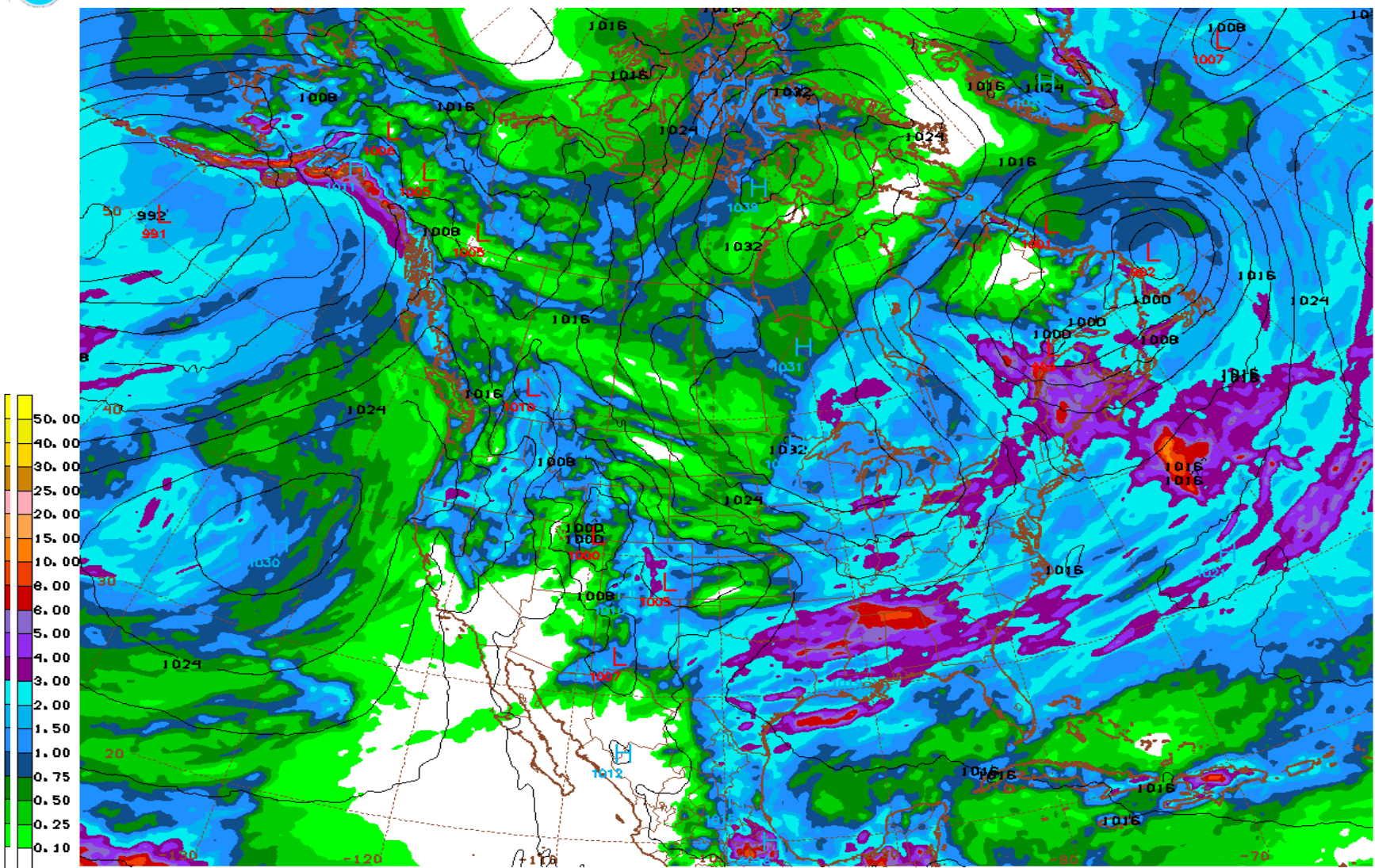
Date Range	Cumulative (inches)
Oct 1, 2025 - Apr 23, 2026	<b>30.03</b>
Last 7 Days*	<b>1.31</b>

Cumulative Precipitation Comparison of Current Year versus Historic Record



## Global Forecast System Model 16-day Cumulative Precipitation Forecast

GFS 04/27/26 12UTC 384HR FCST VALID WED 05/13/26 12UTC NOAA/NWS/NCEP



GFS WED 260513/1200V384 EMSL (4MB), 384HR ACCUMULATED PRECIP (IN)

Date Range  
Apr 27 - May 13, 2026

Forecasted Cumulative (inches)  
**0.30**