

Northern CVP Water Temperature Report

November - 2025

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— BUREAU OF —
RECLAMATION

All Data in this Report is Preliminary and Subject to Change

D A T E	Mean Daily Water Temperatures (°F)													Mean Daily Release (CFS)			Mean Daily Air Temperatures (°F)		
	TCD ¹	SHD	SPP ¹	KWK	SAC	CCR ²	BSF	BND	RDB	IGO	LWS	DGC	NFH	Shasta Generation	Spring Creek P.P.	Keswick Total	RDD	BSF	RDB
Oct	50.8	50.3	55.0	51.4	51.7	52.1	53.0	53.7	54.5	53.2	47.2	50.4	53.0	5696	1388	7143	62.3	58.3	60.6
11/01	51.2	51.4	54.1	51.6	51.9	52.4	53.0	53.5	54.2	52.6	47.7	50.4	52.2	4961	927	5864	60.5	57.0	59.0
11/02	52.1	51.7	54.2	51.8	52.2	52.7	53.4	#	54.6	52.6	47.9	50.9	53.2	3541	953	5675	64.5	60.0	62.2
11/03	52.1	51.6	54.1	52.0	52.2	52.6	53.4	!	54.9	52.7	48.2	50.9	52.6	4381	935	5473	60.5	57.9	61.0
11/04	52.3	? 51.8	54.2	52.3	52.3	52.6	53.4	54.1	54.7	52.5	48.1	? 51.4	52.8	4377	936	5223	55.5	55.0	55.8
11/05	52.3	51.9	54.2	52.1	52.4	53.1	54.2	54.7	54.9	53.5	48.0	51.0	51.7	4132	1032	5022	60.0	60.1	59.6
11/06	52.7	52.3	54.4	52.2	52.5	52.9	54.2	55.1	55.7	53.4	47.9	50.9	51.1	4050	828	4822	59.0	58.8	59.4
11/07	!	52.6	54.5	52.4	52.7	53.4	54.4	55.2	55.8	53.1	47.9	51.2	51.2	3157	1393	4627	60.0	57.8	60.1
11/08	!	52.6	54.3	52.6	52.8	53.3	53.9	54.7	55.5	52.5	47.8	50.9	51.6	2928	811	4443	64.5	57.0	59.6
11/09	!	53.2	54.1	52.7	53.0	53.4	54.1	54.7	55.2	52.6	48.0	50.9	52.0	3401	534	4273	63.0	57.4	60.9
11/10	!	52.2	53.8	52.8	53.1	53.5	54.2	54.8	55.3	52.6	48.0	51.2	52.4	4341	289	4172	63.5	57.9	61.7
11/11	!	52.4	54.3	53.1	53.2	53.5	54.1	54.7	55.2	52.5	48.2	50.8	52.1	3237	767	4172	59.5	55.2	59.5
11/12	!	53.1	54.2	52.8	52.8	53.1	53.7	54.3	54.7	52.3	48.4	50.8	51.8	2955	768	4172	54.5	54.0	55.6
11/13	53.2	52.8	54.2	52.7	52.9	53.4	54.2	54.9	55.0	53.5	48.4	51.4	52.5	3354	749	4166	57.0	57.1	58.4
11/14	!	53.1	54.7	53.1	53.3	53.8	54.7	55.2	55.7	53.4	48.2	51.2	51.4	3148	600	4167	57.0	56.1	57.7
11/15	!	53.2	54.4	53.4	53.6	54.0	54.6	55.0	55.7	52.7	47.8	50.2	50.8	3800	583	4168	61.0	57.3	60.4
11/16	!	52.8	54.2	53.1	53.2	53.5	54.5	55.2	55.5	53.2	47.7	49.9	50.7	3369	715	4170	56.0	56.1	56.0
11/17	54.0	53.7	55.0	53.4	53.8	53.5	54.4	54.4	54.6	53.7	47.7	49.7	50.3	2498	962	4072	50.5	51.5	52.5
11/18	!	54.5	!	53.3	53.6	53.7	54.1	54.0	54.3	52.5	47.7	49.2	49.4	1782	1362	4017	50.5	49.0	50.0
11/19	!	54.0	55.0	53.3	53.4	53.5	54.1	54.2	54.2	52.7	47.7	49.2	49.5	2037	1431	4073	53.5	52.9	53.4
11/20	!	53.9	55.1	53.6	53.8	54.0	54.3	54.1	54.2	52.6	47.6	49.0	49.9	2590	1094	4063	54.0	51.6	52.7
11/21	!	52.9	55.1	53.8	53.8	53.8	53.7	53.6	54.0	51.9	47.6	48.0	48.6	3718	399	4059	57.0	53.6	55.6
11/22	!	53.4	55.6	53.6	53.7	53.8	53.6	53.1	53.4	51.9	47.6	47.0	47.5	3457	452	4055	54.5	49.5	52.6
11/23	!	53.1	54.9	53.1	53.3	53.4	53.4	53.1	53.2	51.6	47.6	46.7	47.1	3555	513	4054	49.5	47.5	49.9
11/24	!	53.0	54.2	53.1	53.0	53.0	53.0	52.8	53.1	51.6	47.7	47.2	47.3	3903	241	4123	51.5	46.6	50.0
11/25	!	52.7	33.3	52.9	52.9	52.8	52.6	52.2	52.7	51.4	47.6	47.0	47.4	3653	8	4174	48.5	44.9	48.2
11/26	!	52.6	33.3	52.8	52.8	52.8	52.7	52.3	52.3	51.1	47.4	46.3	46.7	4142	8	4155	49.0	44.2	44.0
11/27	!	52.8	33.2	52.5	52.4	52.1	51.9	51.6	51.8	51.1	47.3	45.8	46.1	3806	8	4012	41.0	42.0	43.0
11/28	!	52.9	33.2	52.3	52.1	51.9	51.6	51.2	51.1	51.3	47.3	46.1	46.2	4282	8	4004	41.0	41.8	42.9
11/29	!	53.1	33.1	52.1	51.8	51.3	51.0	50.6	50.6	51.0	47.2	45.9	46.1	3965	8	4006	38.0	40.2	42.5
11/30	!	53.0	33.1	52.2	52.0	51.7	51.0	50.3	50.2	51.5	47.1	45.8	46.1	3887	8	3993	47.5	40.3	41.6
-																			
Nov	52.5	52.8	50.1	52.8	52.9	53.1	53.5	53.7	54.1	52.4	47.8	49.2	49.9	3547	644	4382	54.7	52.3	54.2

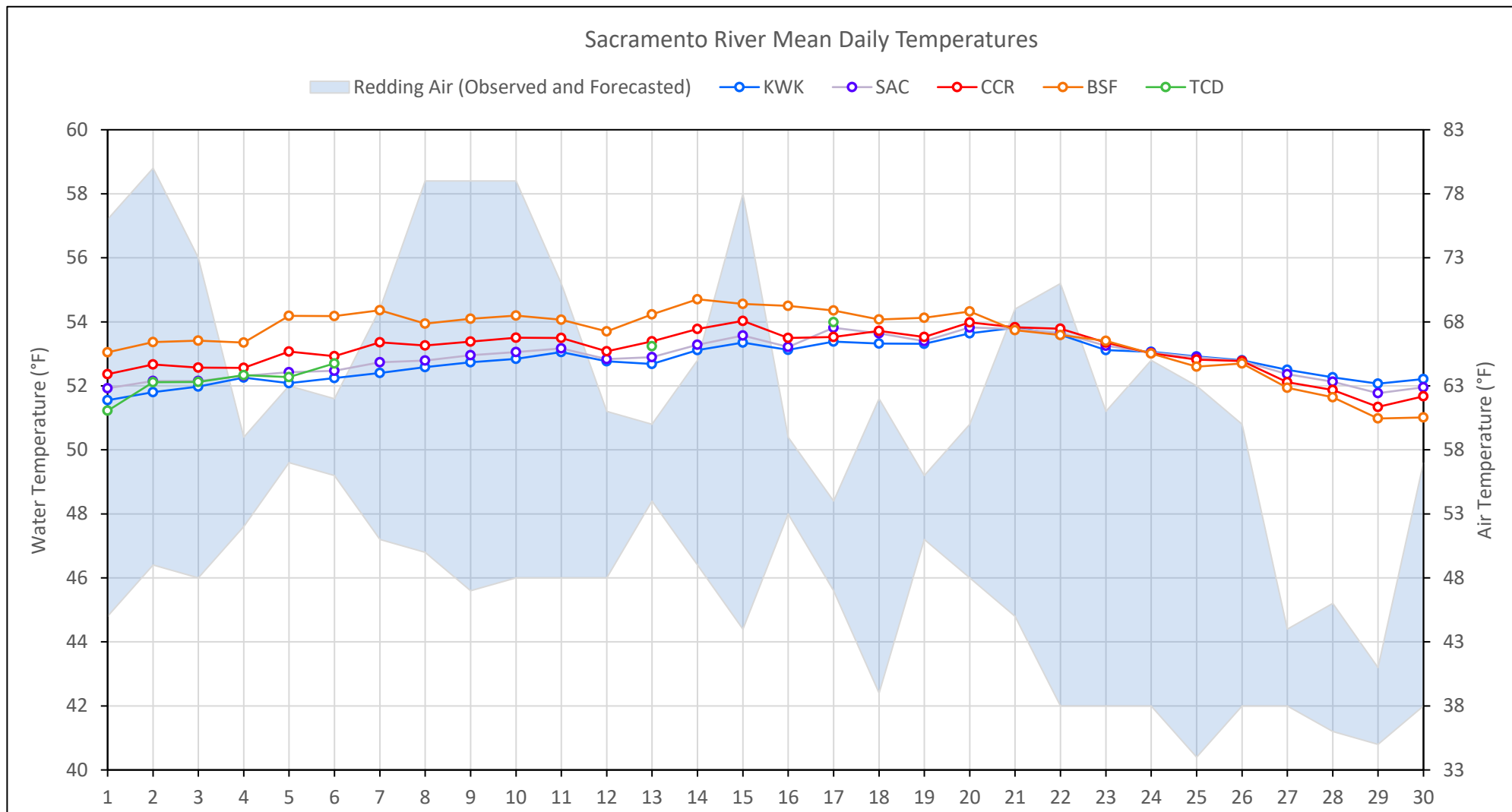
Total CFS	106407	19322	131469
Total AF	211054	38324	260763

Legend

- ? = 1-9 hours of data missing (Average includes estimations)
- ! = 10 or more hours of data missing (Average not calculated)
- # = Station out of service
- ↑ = Record high air temperature
- ↓ = Record low air temperature
- = Monthly Averages

Notes

- ¹ Temperatures are weighted averages based on individual penstock flow and temperature
- Highlighted cells in the TCD column indicate a TCD change was made on that day
- ² Current Clear Creek River control point (see page 3 for more details)



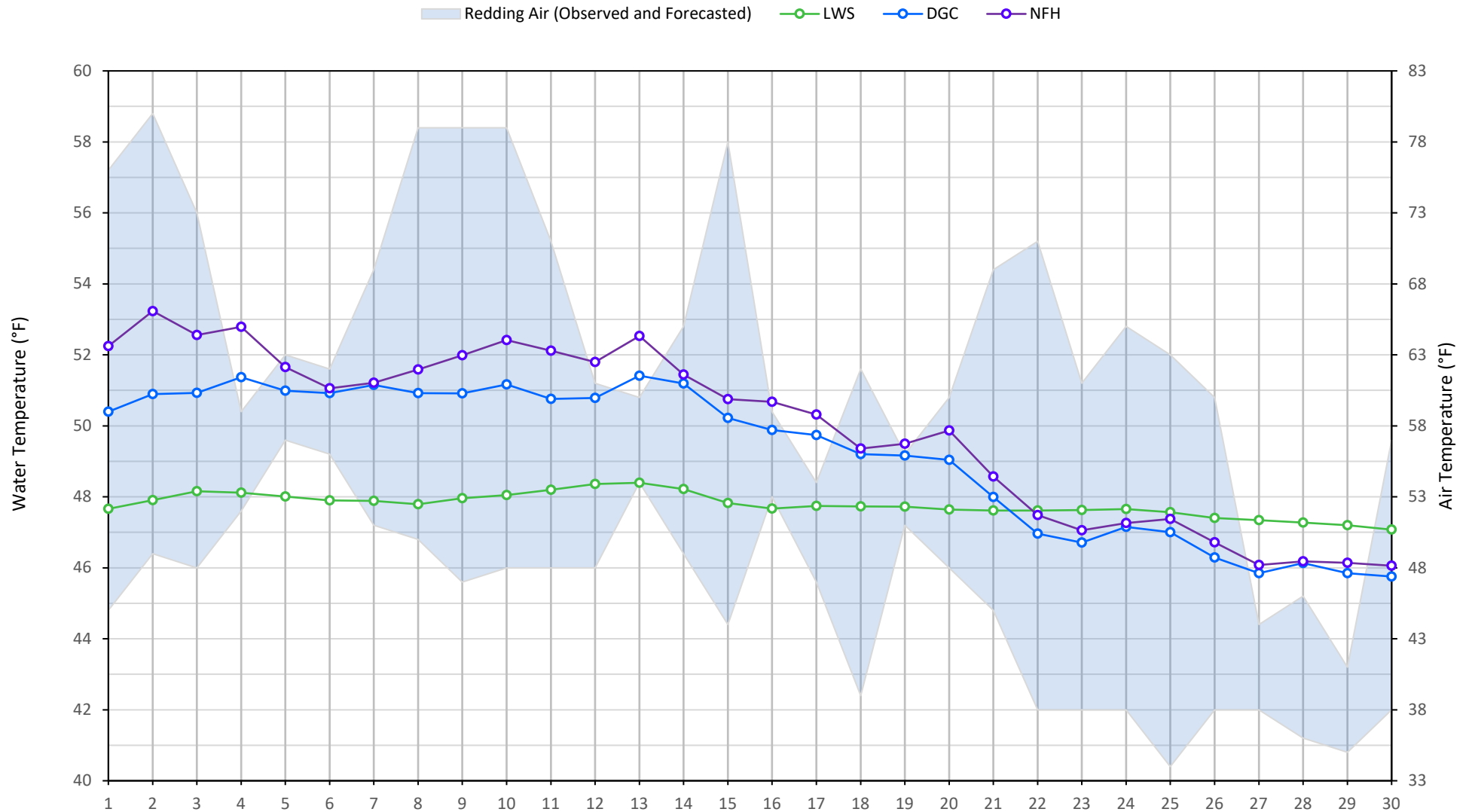
Station Details			
Code	Body of Water	Location ¹	CDEC Link
TCD	N/A	Shasta Power Plant	N/A
SHD	Sacramento River	0.3 miles downstream of Shasta Power Plant	Click Here
SPP	N/A	Spring Creek Power Plant	N/A
KWK	Sacramento River	0.8 miles downstream of Keswick Dam	Click Here
SAC	Sacramento River	4.8 miles downstream of Keswick Dam	Click Here
CCR	Sacramento River	9.7 miles downstream of Keswick Dam	Click Here
BSF	Sacramento River	25 miles downstream of Keswick Dam	Click Here
JLF	Sacramento River	34 miles downstream of Keswick Dam	Click Here
BND	Sacramento River	41 miles downstream of Keswick Dam	Click Here
RDB	Sacramento River	58 miles downstream of Keswick Dam	Click Here
IGO	Clear Creek	7.3 miles downstream of Whiskeytown Dam	Click Here

Water Right Temperature Control Points				
River	Point	Temp. (°F)	Begin Date	End Date
Sacramento	CCR	58.0	3/1/2025	5/14/2025
Sacramento	CCR	53.5	5/15/2025	10/31/2025

Notes

¹ Distances are approximate

Trinity River Mean Daily Temperatures



Station Details

Code	Body of Water	Location ¹	CDEC Link
LWS	Trinity River	1.1 miles downstream of Lewiston Dam	Click Here
DGC	Trinity River	19 miles downstream of Lewiston Dam	Click Here
NFH	Trinity River	38 miles downstream of Lewiston Dam	Click Here

Water Right Temperature Control Points

River	Point	Temp. (°F)	Begin Date	End Date
Trinity	DGC	56	Sep-15	Oct-01
Trinity	NFH	56	Oct-01	Dec-31

Notes

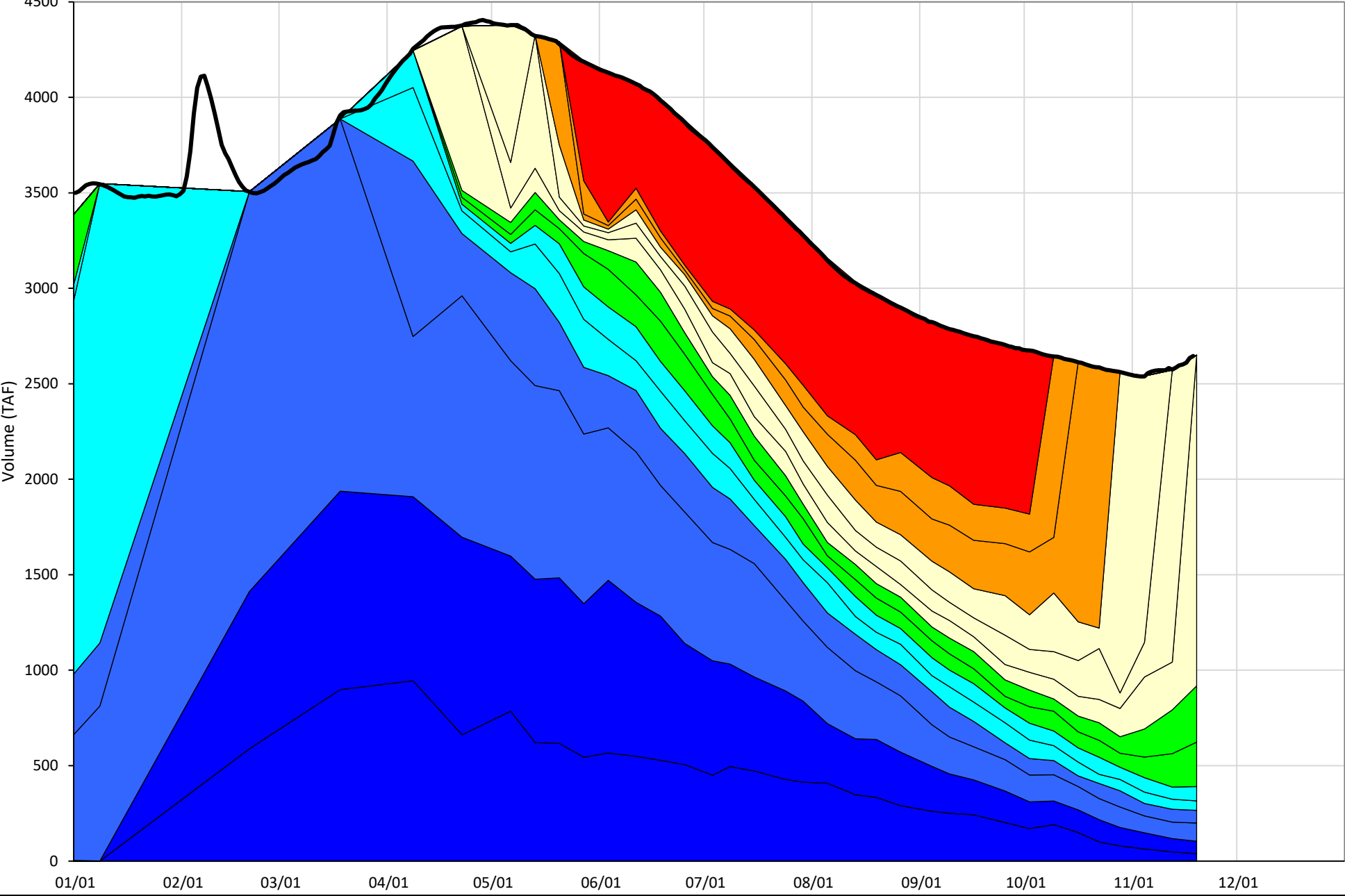
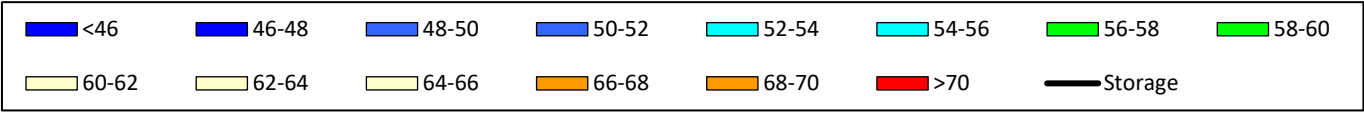
¹ Distances are approximate

Shasta Lake Isothermobaths & Cold Water Pool Statistics

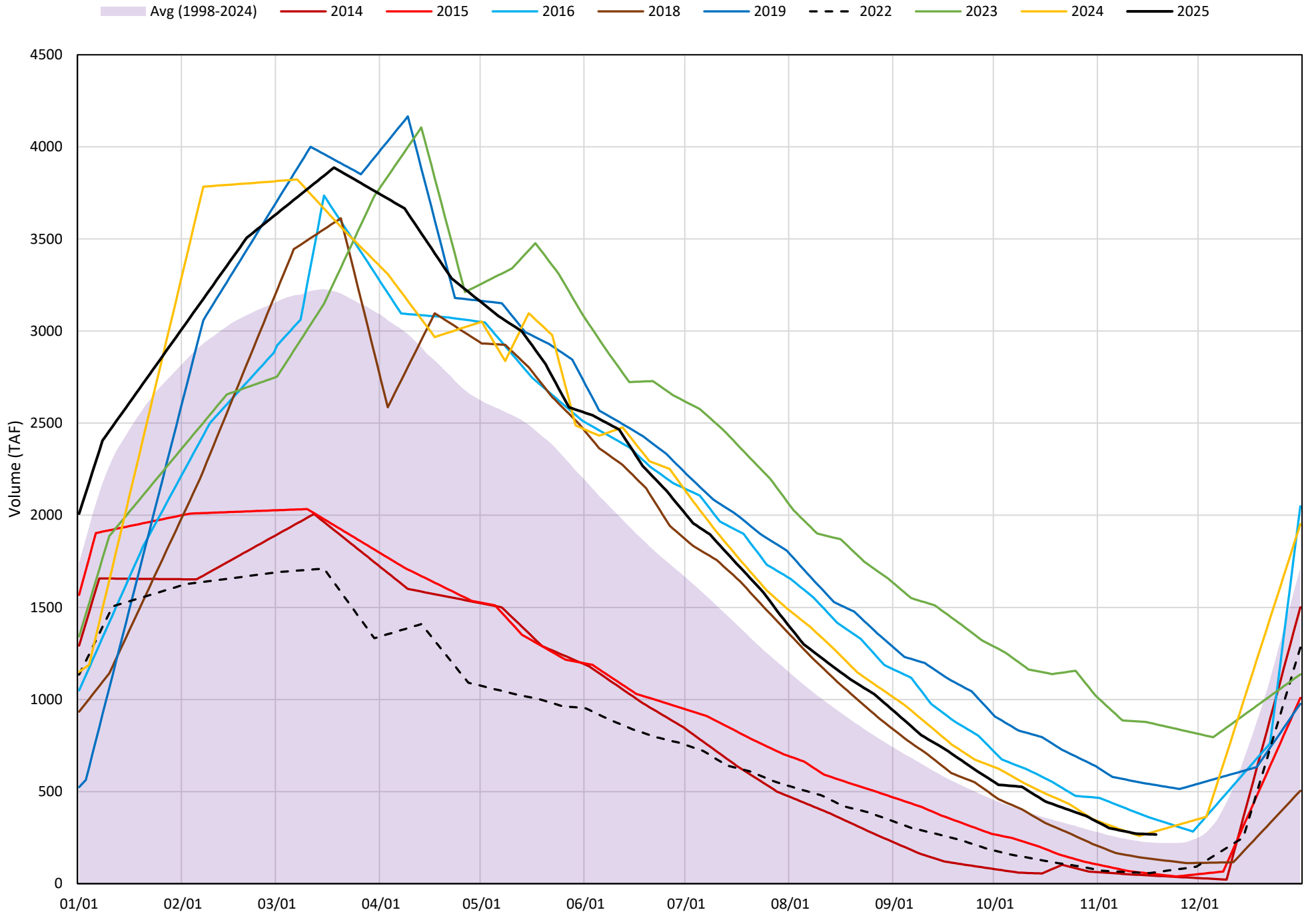
2025

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12	- Shasta Lake Cold Water Pool Volume $\leq 48^{\circ}\text{F}$ - Percent Exceedances
13	- Shasta Lake Cold Water Pool Comparison by Year

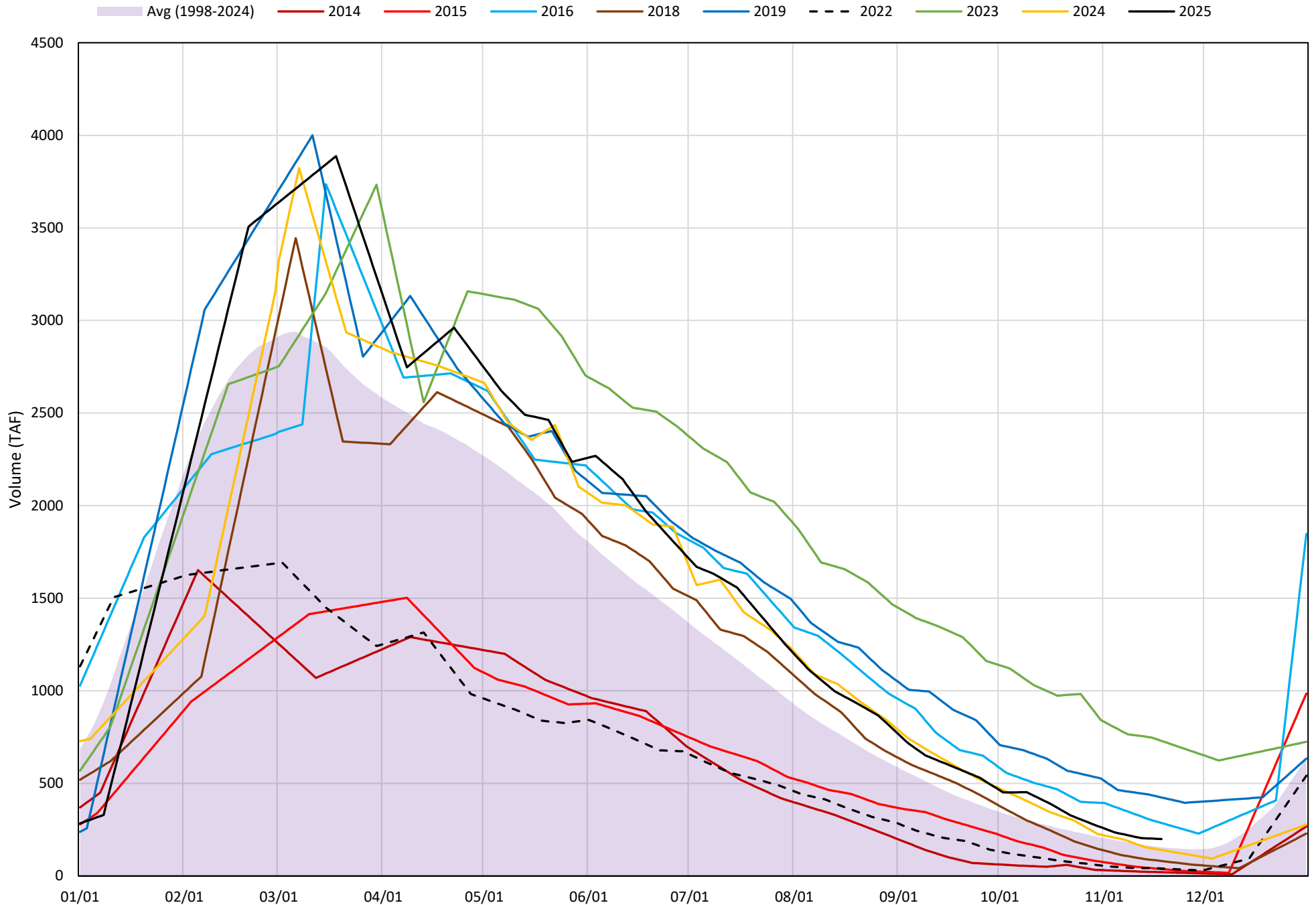
Shasta Lake Isothermobaths Plot - 2025



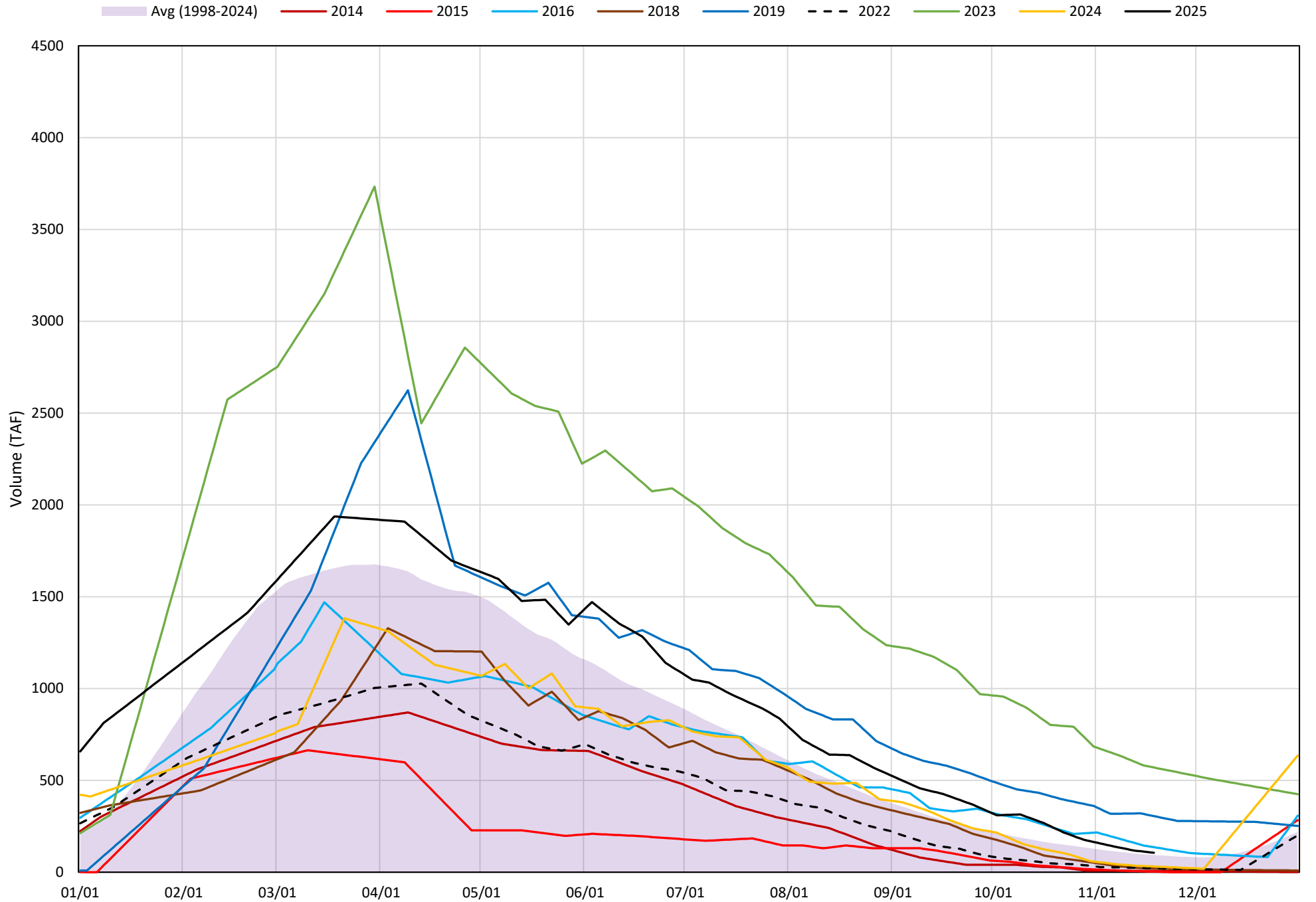
Shasta Lake Cold Water Pool Volume ≤52°F



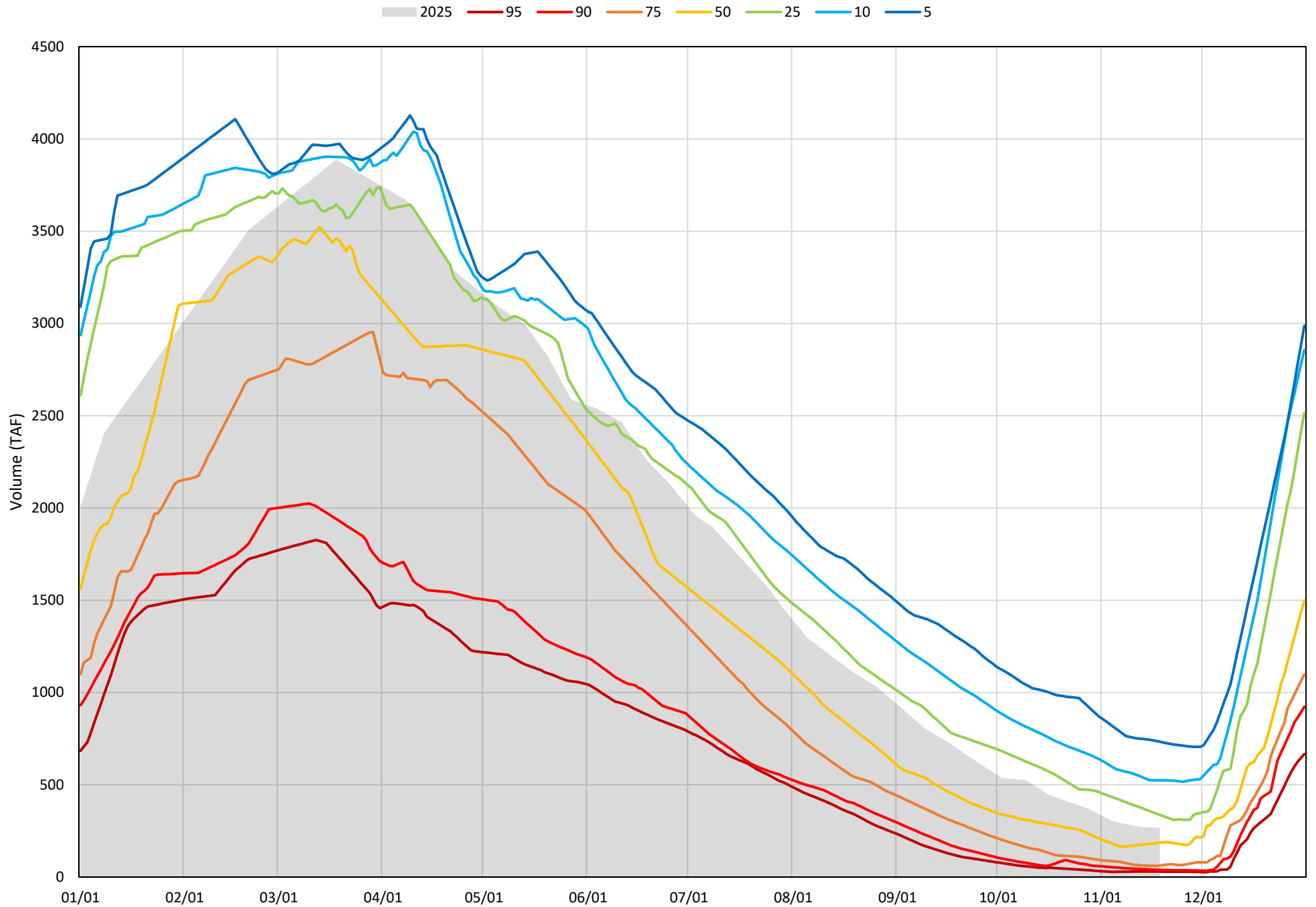
Shasta Lake Cold Water Pool Volume ≤50°F



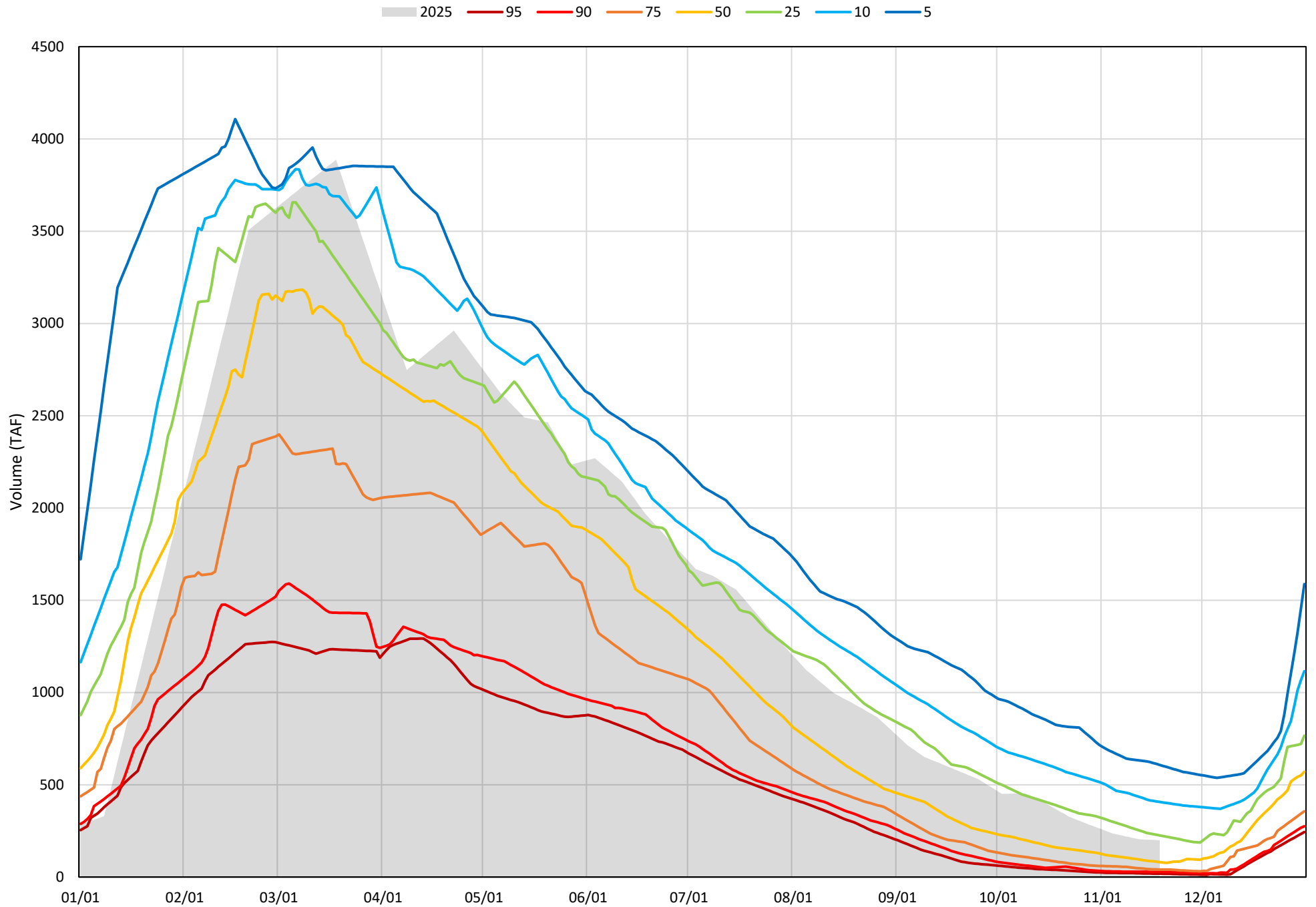
Shasta Lake Cold Water Pool Volume ≤48°F



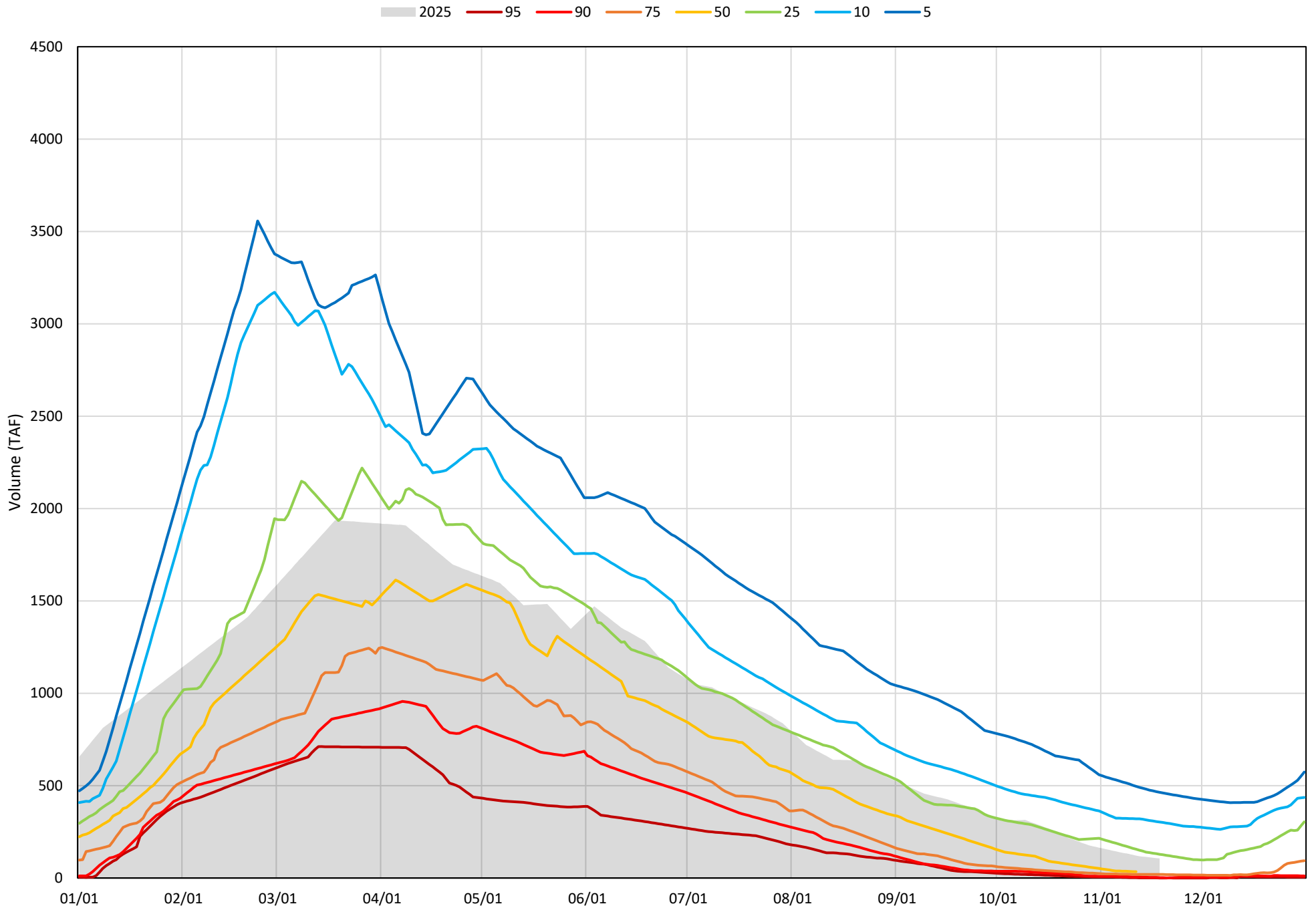
Shasta Lake Cold Water Pool Volume $\leq 52^{\circ}\text{F}$ - Percent Exceedances (1998-2024)



Shasta Lake Cold Water Pool Volume $\leq 50^{\circ}\text{F}$ - Percent Exceedances (1998-2024)



Shasta Lake Cold Water Pool Volume $\leq 48^{\circ}\text{F}$ - Percent Exceedances (1998-2024)



Shasta Lake Cold Water Pool Comparison by Year (for Specified Date)

Nov-19 2025	Δ TAF				% Δ			
	$\leq 52^\circ$	$\leq 50^\circ$	$\leq 48^\circ$	Abs. Avg.	$\leq 52^\circ$	$\leq 50^\circ$	$\leq 48^\circ$	Abs. Avg.
1998	-81	-159	-105	115	-30	-80	-99	70
1999	70	83	102	85	26	41	96	55
2000	-62	-112	-82	85	-23	-56	-78	52
2001	-182	-136	-64	128	-68	-68	-61	66
2002	-51	-43	-23	39	-19	-22	-21	21
2003	-1	-100	-86	62	0	-50	-81	44
2004	-178	-154	-87	140	-67	-77	-82	75
2005	-187	-152	-82	140	-70	-76	-77	74
2006	-3	0	7	3	-1	0	6	2
2007	-229	-168	-80	159	-86	-84	-76	82
2008	-228	-171	-87	162	-85	-85	-82	84
2009	-206	-150	-76	144	-77	-75	-72	75
2010	116	19	-9	48	44	10	-9	21
2011	255	203	197	218	95	102	186	128
2012	12	26	23	20	4	13	21	13
2013	-177	-130	-55	121	-66	-65	-52	61
2014	-224	-179	-99	168	-84	-90	-94	89
2015	-216	-162	-103	160	-81	-81	-97	86
2016	81	86	30	66	30	43	28	34
2017	159	129	137	142	59	65	129	84
2018	-135	-119	-86	113	-51	-60	-81	64
2019	268	224	199	231	101	112	188	134
2020	-184	-155	-96	145	-69	-78	-91	79
2021	-242	-183	-106	177	-91	-92	-100	94
2022	-205	-159	-85	150	-77	-80	-80	79
2023	598	530	464	531	224	265	438	309
2024	18	-59	-75	51	7	-30	-71	36
2025	0	0	0	0	0	0	0	0

Historical - Current

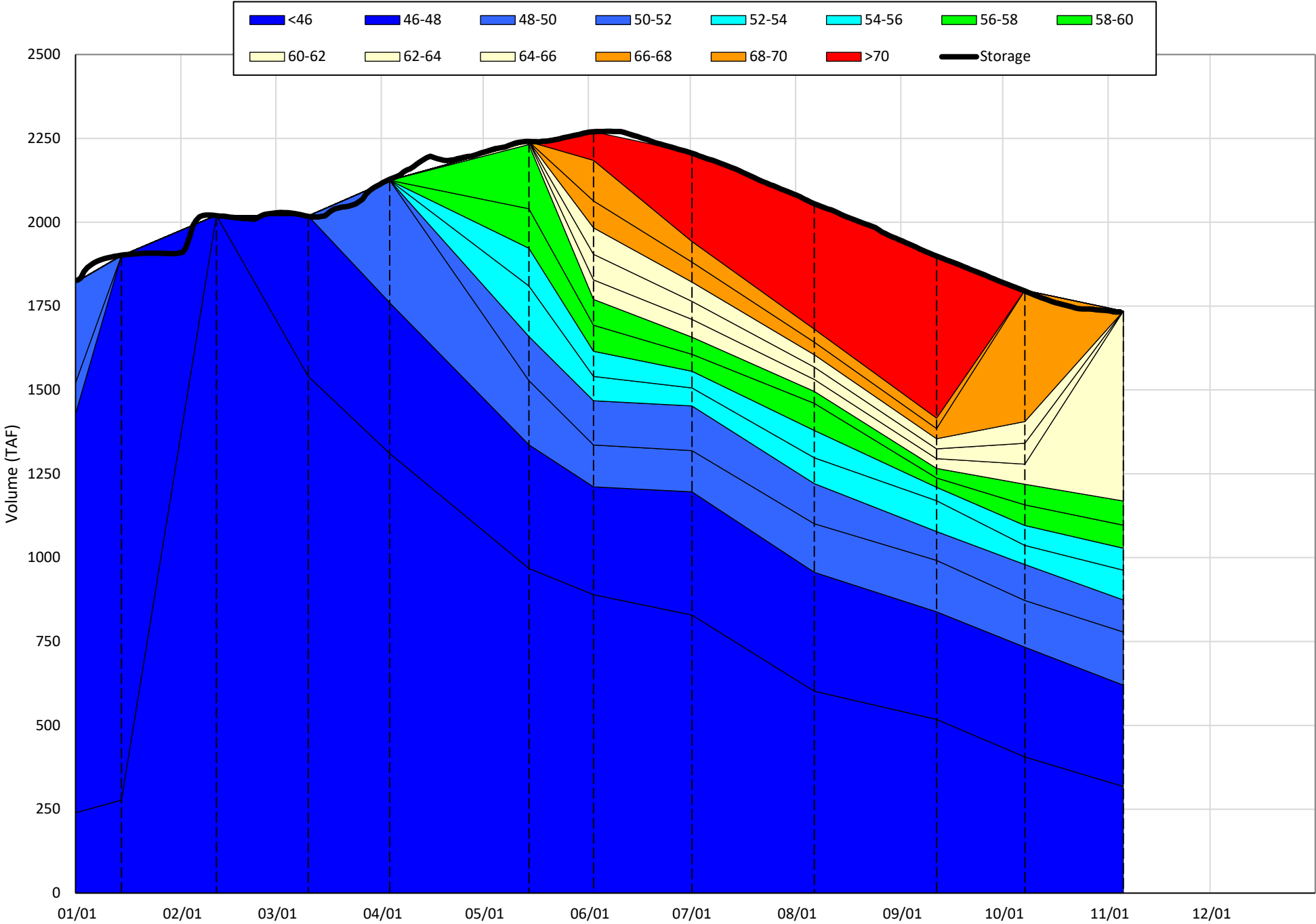
(Historical - Current) / Current

Trinity Lake Isothermobaths & Cold Water Pool Statistics

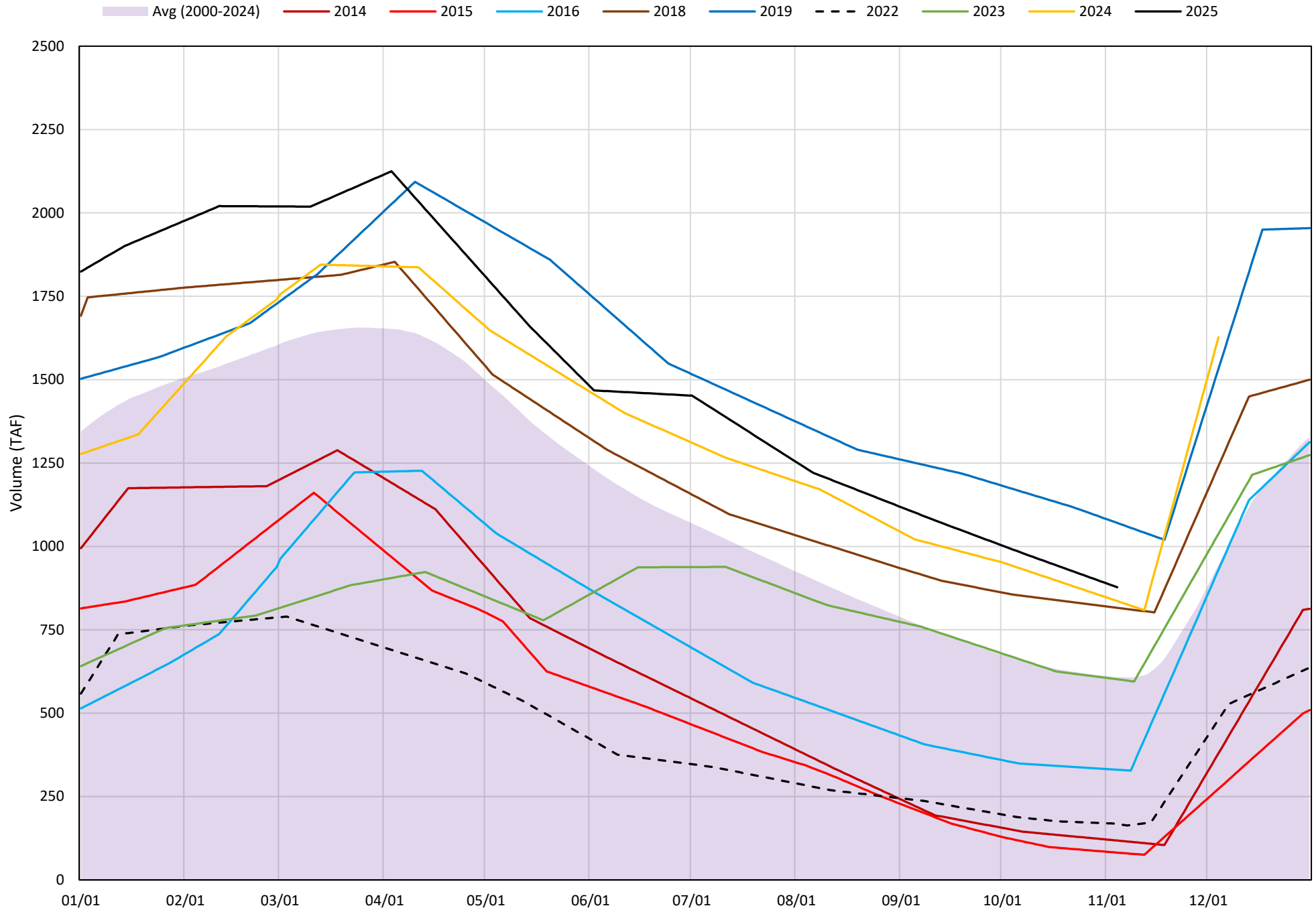
2025

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16	- Trinity Lake Cold Water Pool Volume $\leq 52^{\circ}\text{F}$
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19	- Trinity Lake Cold Water Pool Volume $\leq 52^{\circ}\text{F}$ - Percent Exceedances
20	- Trinity Lake Cold Water Pool Volume $\leq 50^{\circ}\text{F}$ - Percent Exceedances
21	- Trinity Lake Cold Water Pool Volume $\leq 48^{\circ}\text{F}$ - Percent Exceedances
22	- Trinity Lake Cold Water Pool Comparison by Year

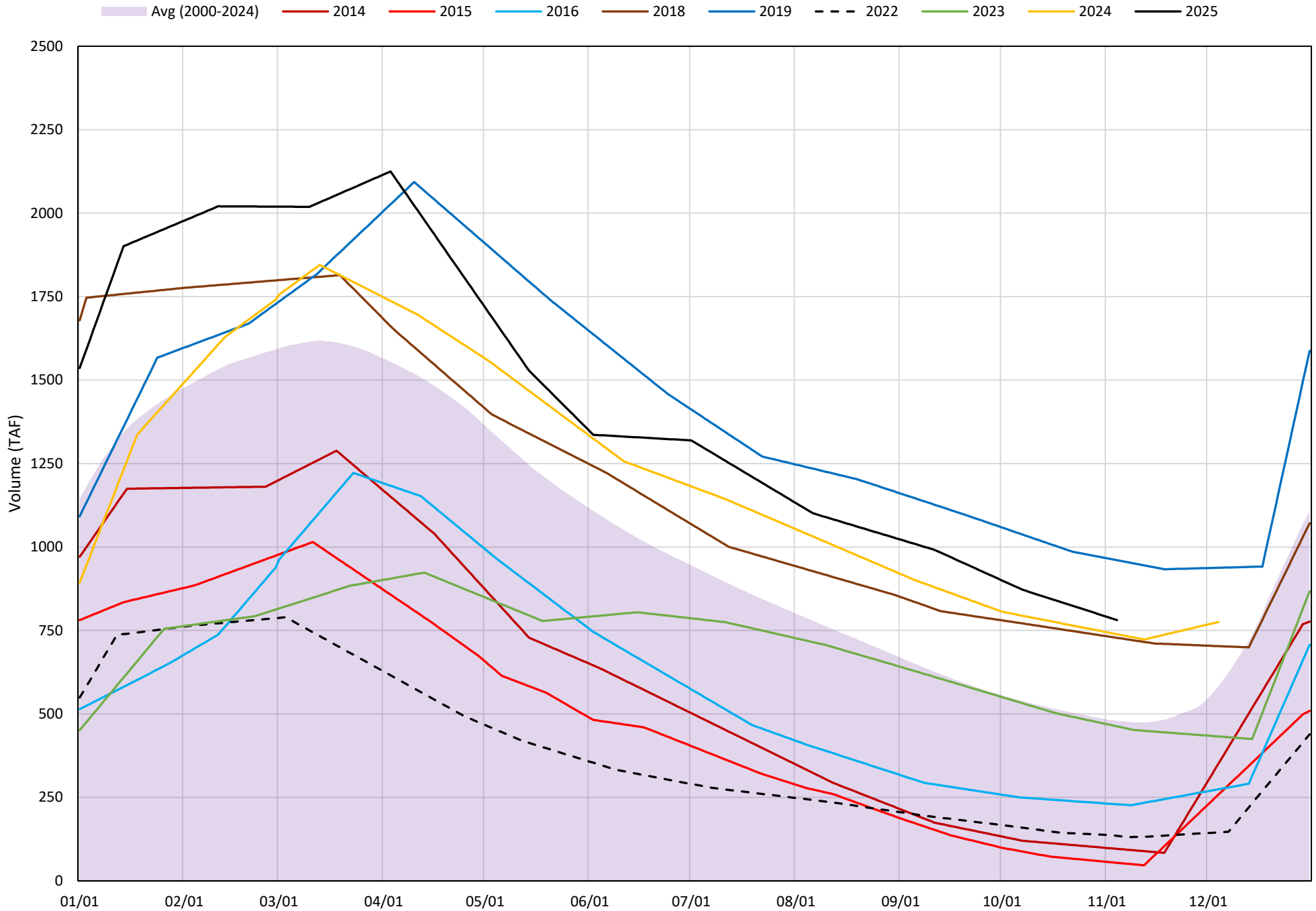
Trinity Lake Isothermobaths Plot - 2025



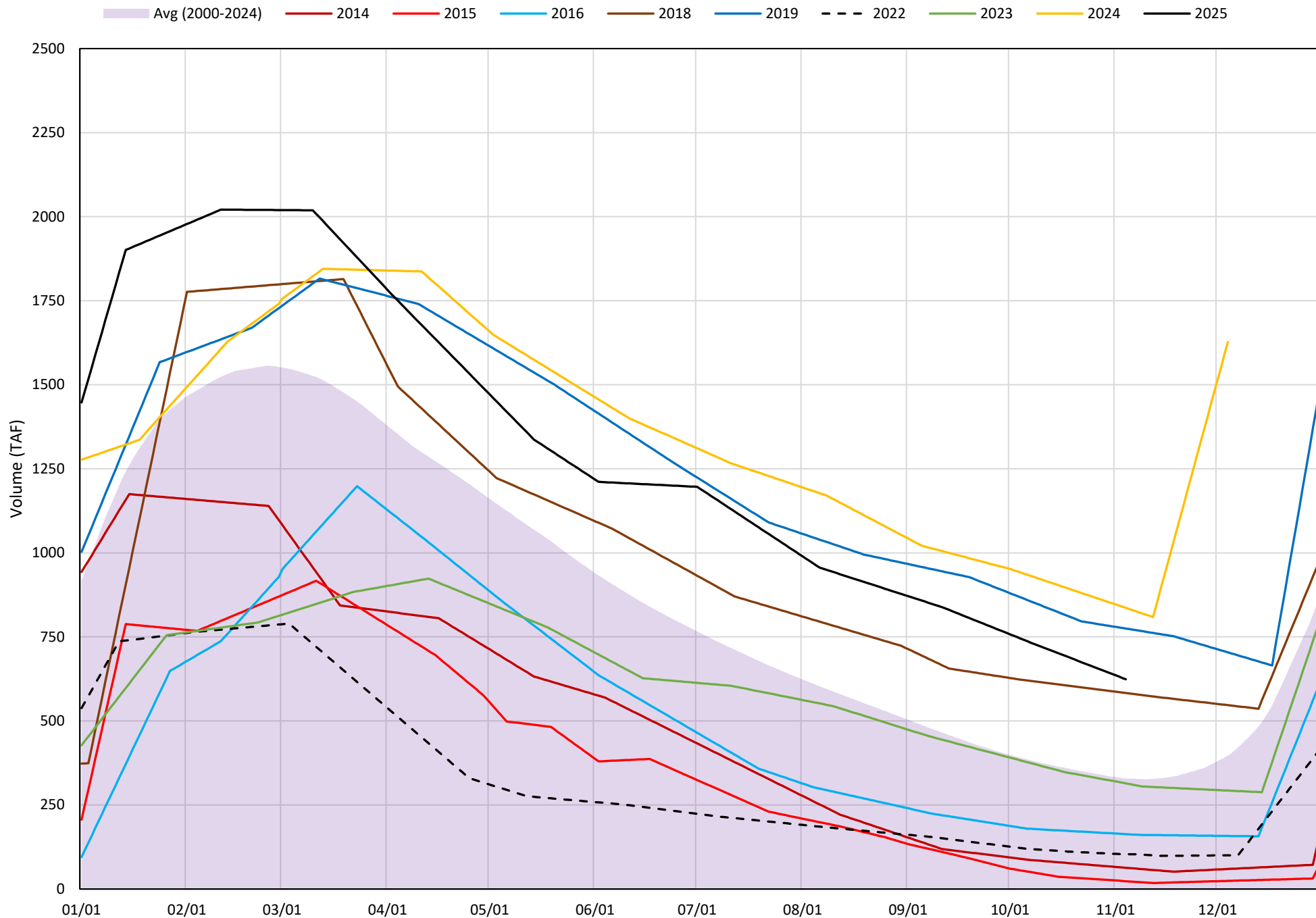
Trinity Lake Cold Water Pool Volume ≤52°F



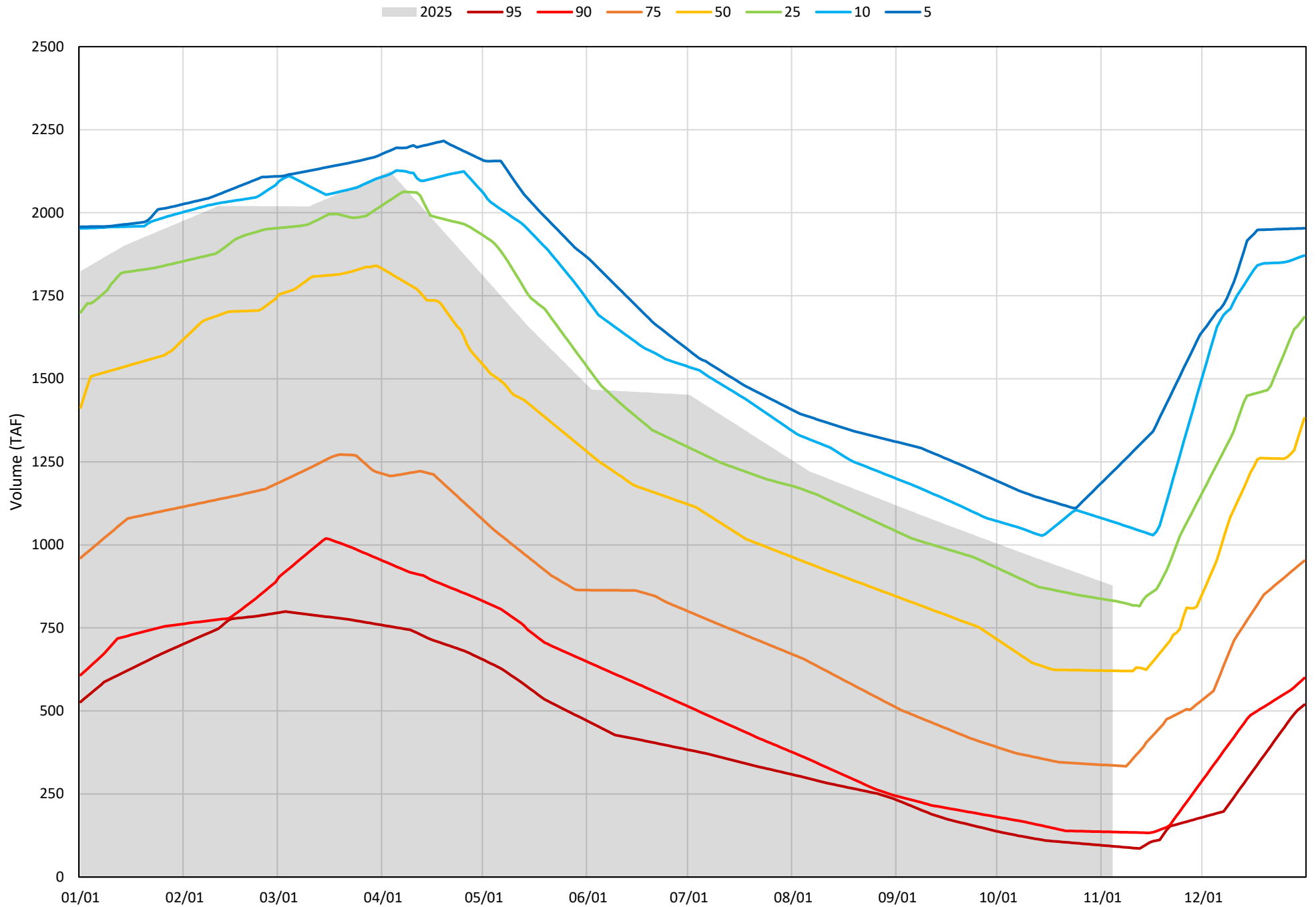
Trinity Lake Cold Water Pool Volume ≤50°F



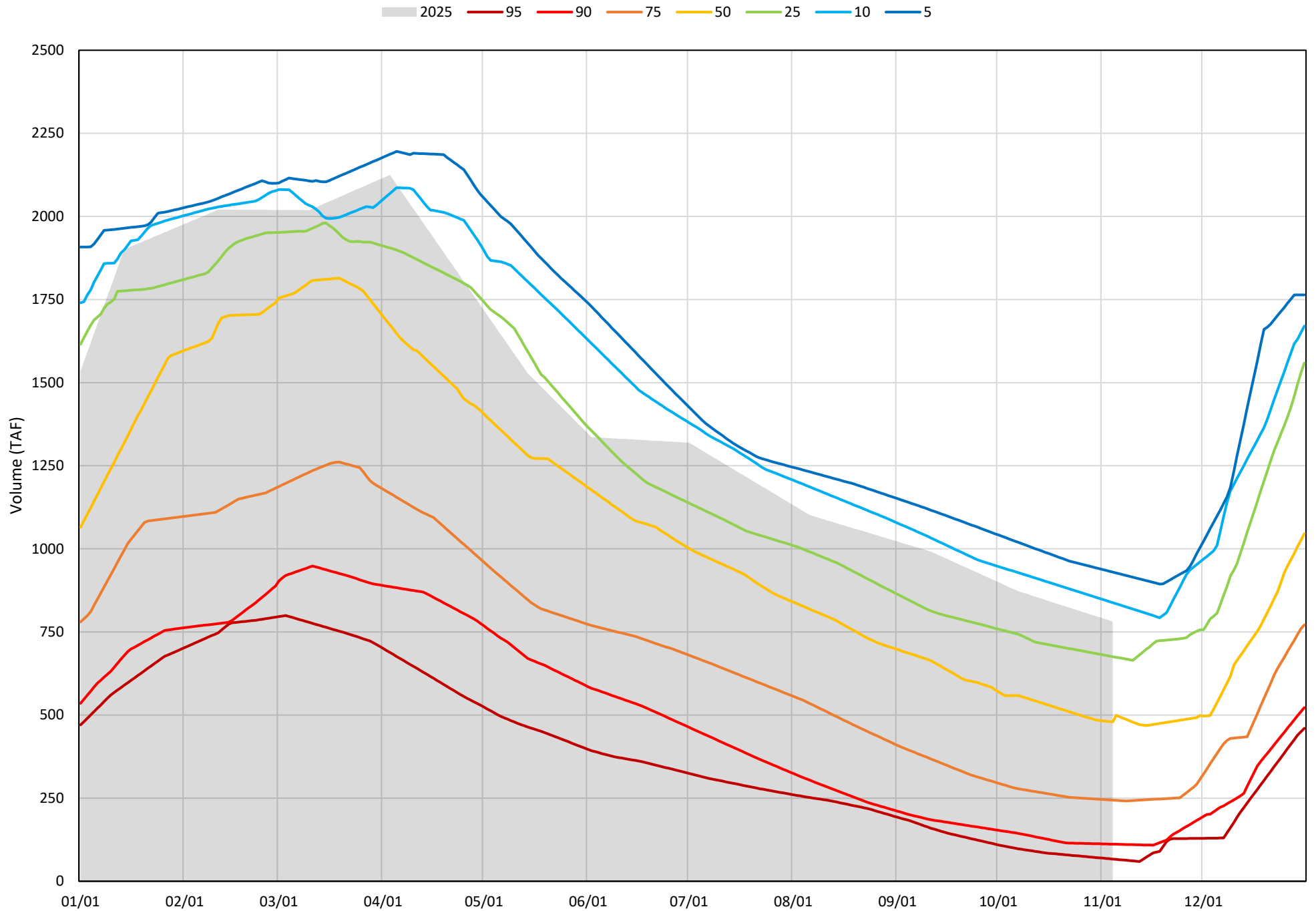
Trinity Lake Cold Water Pool Volume ≤48°F



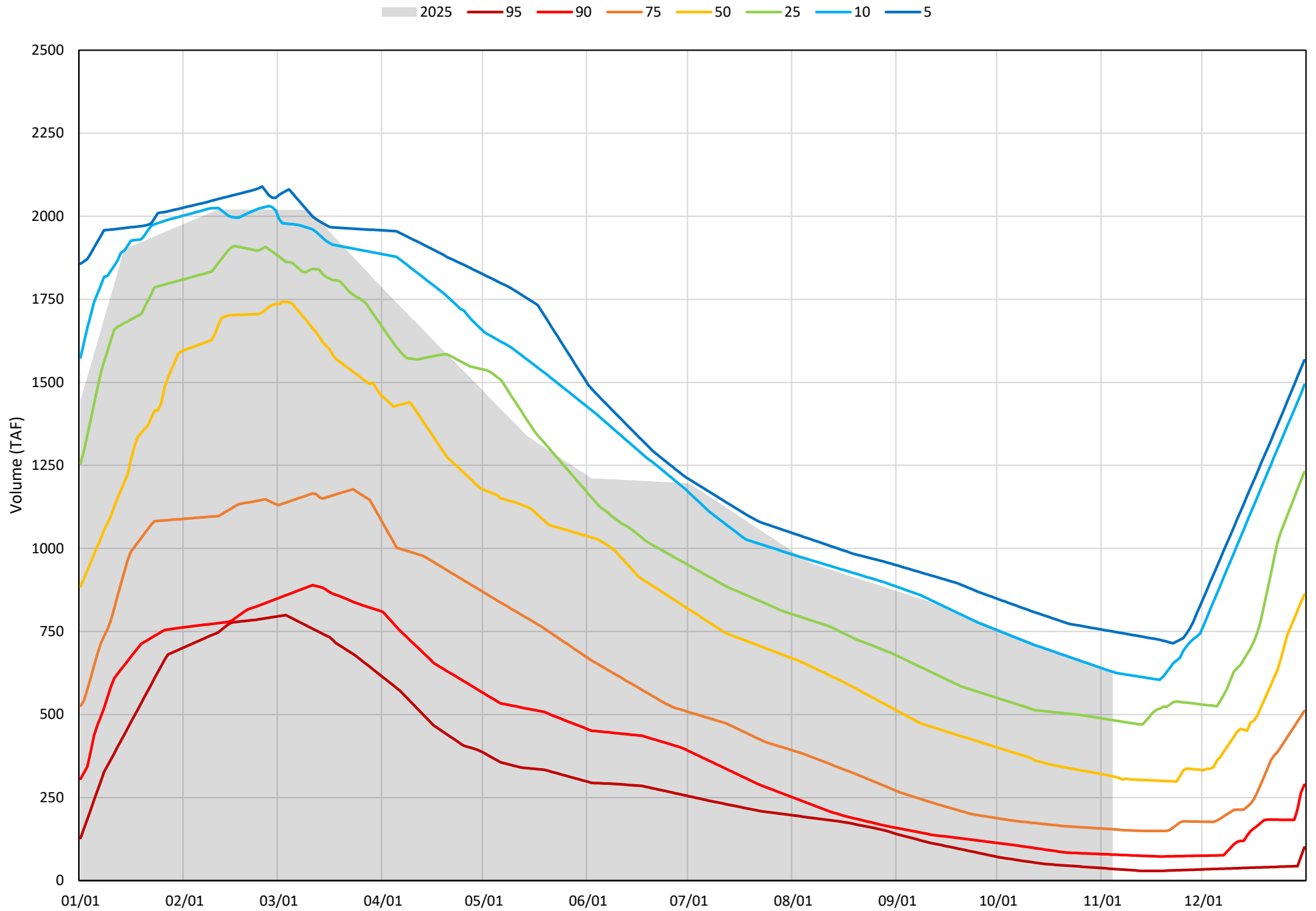
Trinity Lake Cold Water Pool Volume $\leq 52^{\circ}\text{F}$ - Percent Exceedances (2000-2024)



Trinity Lake Cold Water Pool Volume $\leq 50^{\circ}\text{F}$ - Percent Exceedances (2000-2024)



Trinity Lake Cold Water Pool Volume $\leq 48^{\circ}\text{F}$ - Percent Exceedances (2000-2024)



Trinity Cold Water Pool Comparison by Year (for Specified Date)

Nov-05 2025	Δ TAF				% Δ			
	$\leq 52^\circ$	$\leq 50^\circ$	$\leq 48^\circ$	Abs. Avg.	$\leq 52^\circ$	$\leq 50^\circ$	$\leq 48^\circ$	Abs. Avg.
2000	-139	-238	-315	231	-16	-31	-50	32
2001	-339	-331	-309	326	-39	-42	-50	44
2002	-306	-302	-262	290	-35	-39	-42	39
2003	-144	-278	-365	262	-16	-36	-58	37
2004	-361	-395	-410	388	-41	-51	-66	52
2005	-42	-131	-287	154	-5	-17	-46	23
2006	407	-80	-116	201	46	-10	-19	25
2007	-226	-204	-165	198	-26	-26	-26	26
2008	-585	-572	-488	548	-67	-73	-78	73
2009	-536	-522	-478	512	-61	-67	-77	68
2010	-222	-302	-403	309	-25	-39	-65	43
2011	192	79	-38	103	22	10	-6	13
2012	17	42	68	42	2	5	11	6
2013	-411	-404	-370	395	-47	-52	-59	53
2014	-759	-685	-561	668	-87	-88	-90	88
2015	-796	-727	-601	708	-91	-93	-96	93
2016	-547	-552	-461	520	-62	-71	-74	69
2017	-49	-162	-209	140	-6	-21	-33	20
2018	-61	-53	-41	52	-7	-7	-7	7
2019	193	179	151	174	22	23	24	23
2020	-257	-243	-269	256	-29	-31	-43	34
2021	-730	-659	-535	642	-83	-84	-86	84
2022	-710	-646	-520	625	-81	-83	-83	82
2023	-276	-318	-310	301	-31	-41	-50	41
2024	-41	-42	-74	53	-5	-5	-12	7
2025	0	0	0	0	0	0	0	0

Historical - Current

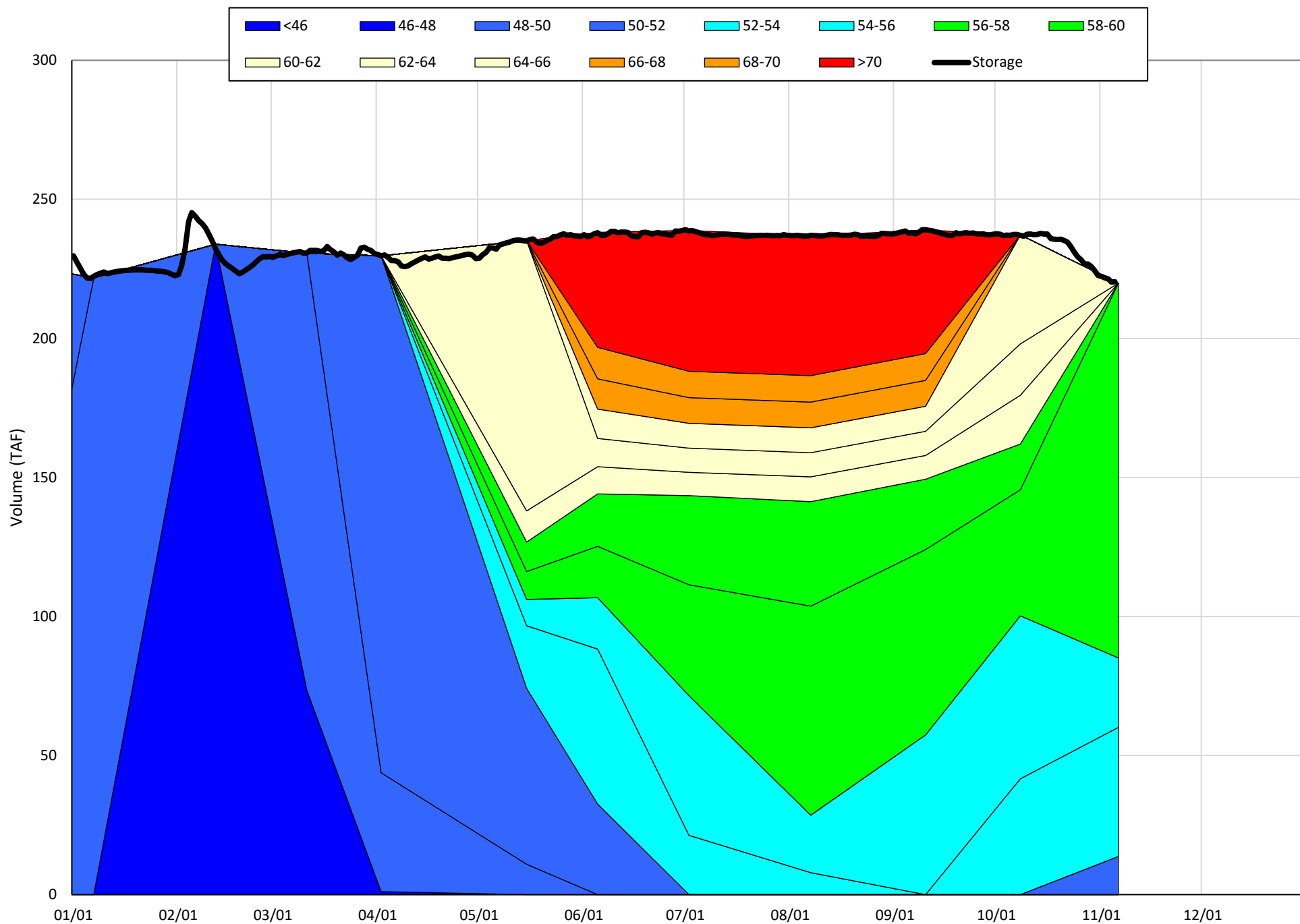
(Historical - Current) / Current

Whiskeytown Lake Isothermobaths & Cold Water Pool Statistics

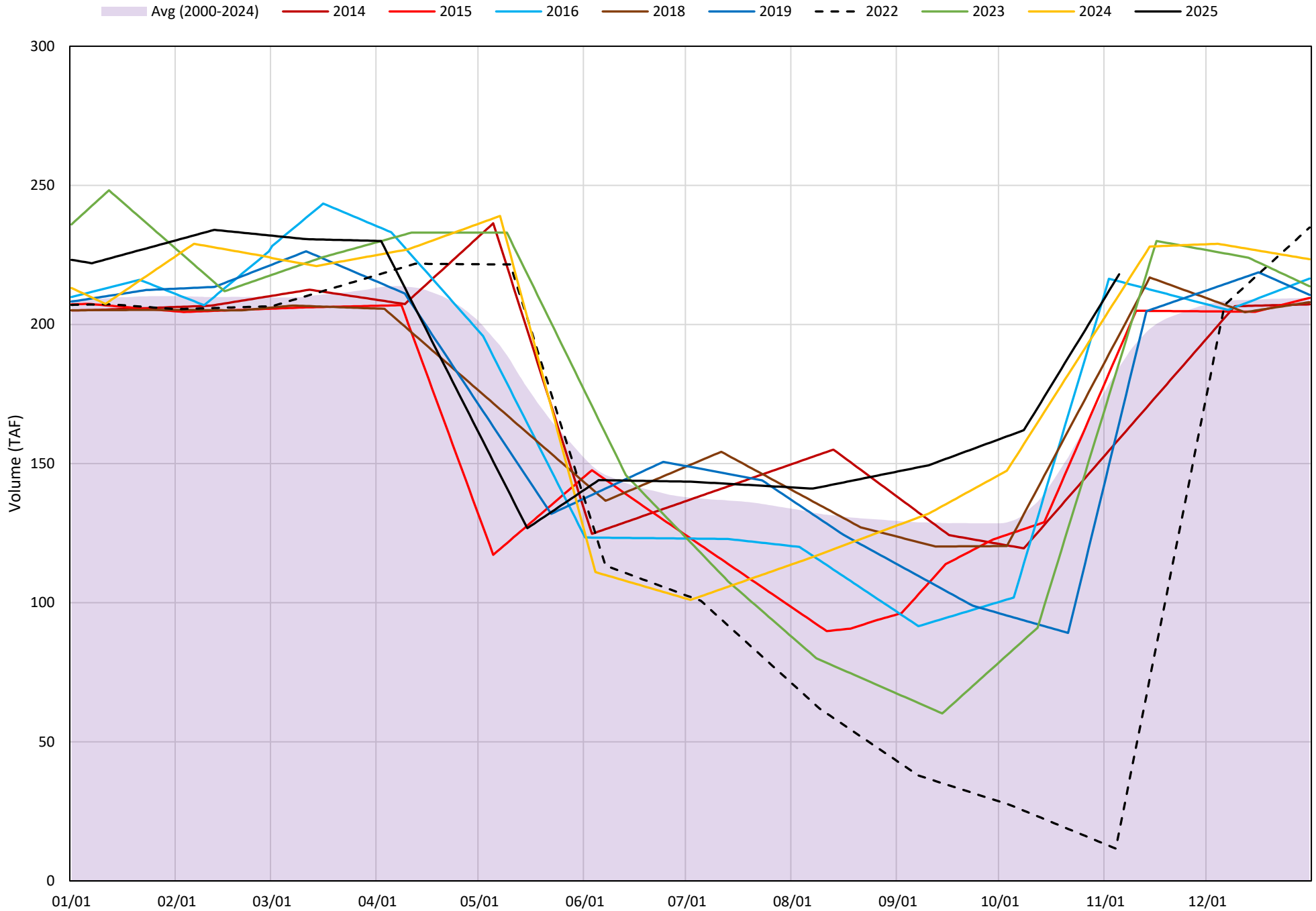
2025

Page	Description
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26	- Whiskeytown Lake Cold Water Pool Volume ≤58°F
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28	- Whiskeytown Lake Cold Water Pool Volume ≤60°F - Percent Exceedances
29	- Whiskeytown Lake Cold Water Pool Volume ≤58°F - Percent Exceedances
30	- Whiskeytown Lake Cold Water Pool Volume ≤56°F - Percent Exceedances
31	- Whiskeytown Lake Cold Water Pool Comparison by Year

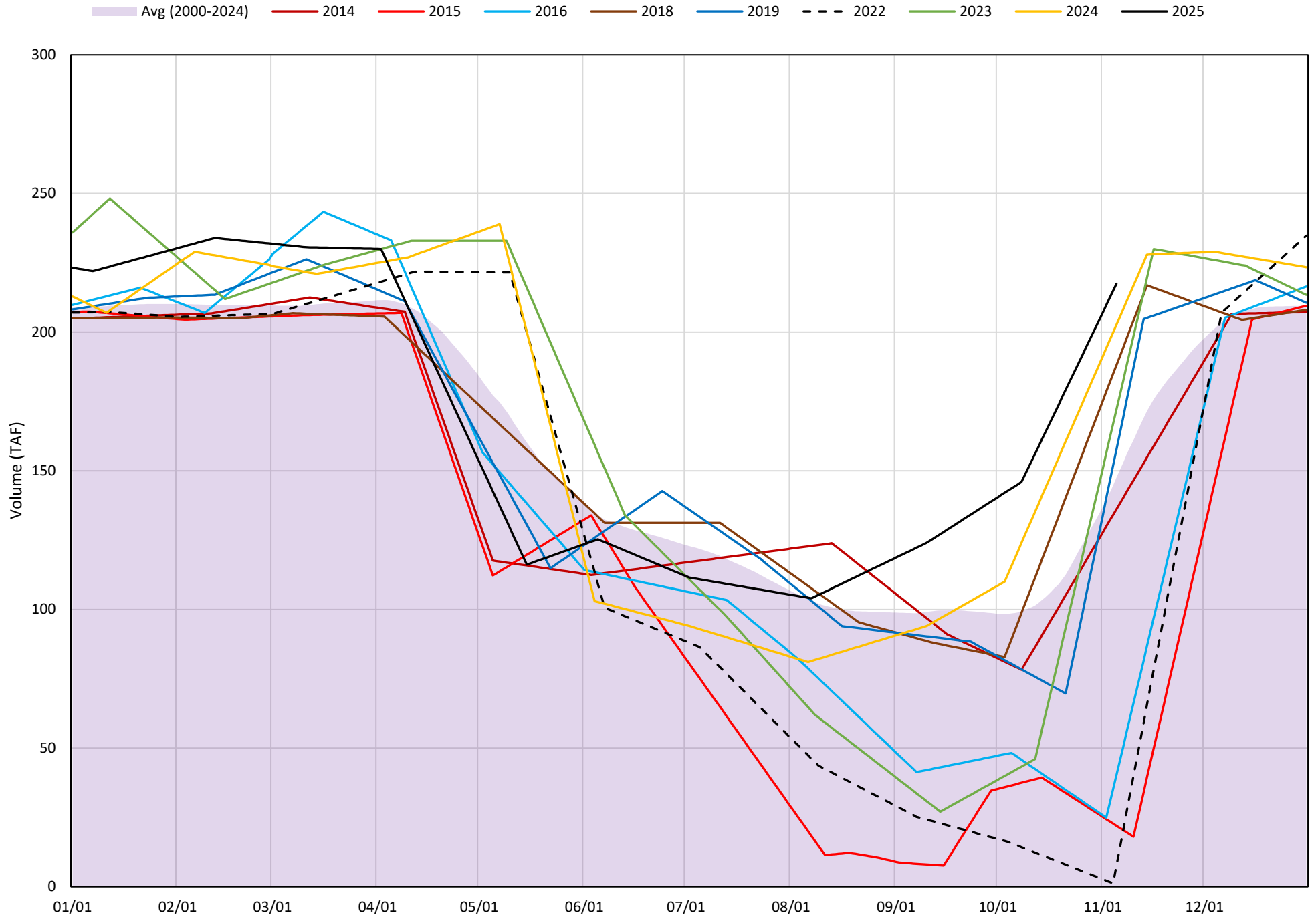
Whiskeytown Lake Isothermobaths Plot - 2025



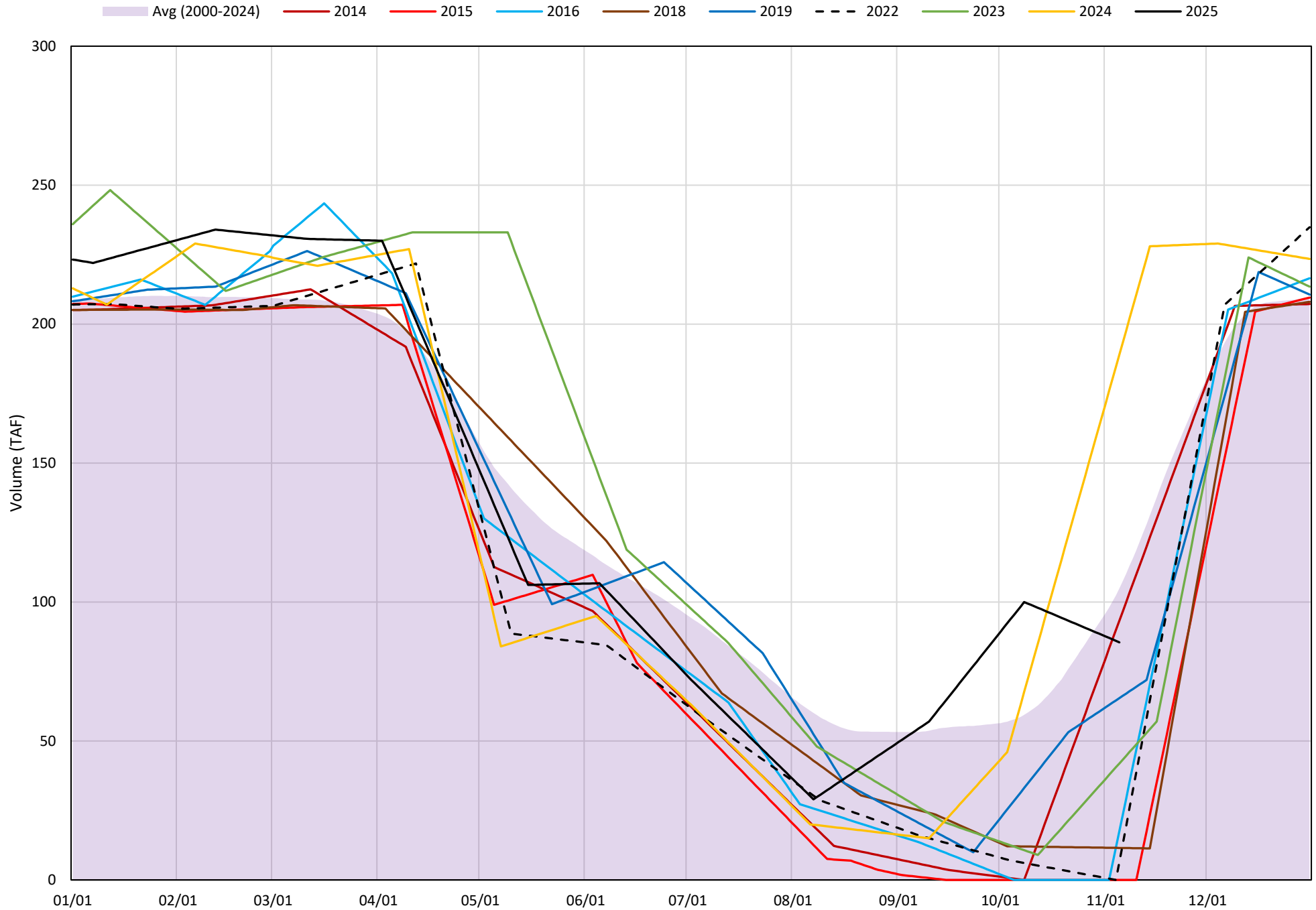
Whiskeytown Lake Cold Water Pool Volume ≤60°F



Whiskeytown Lake Cold Water Pool Volume ≤58°F

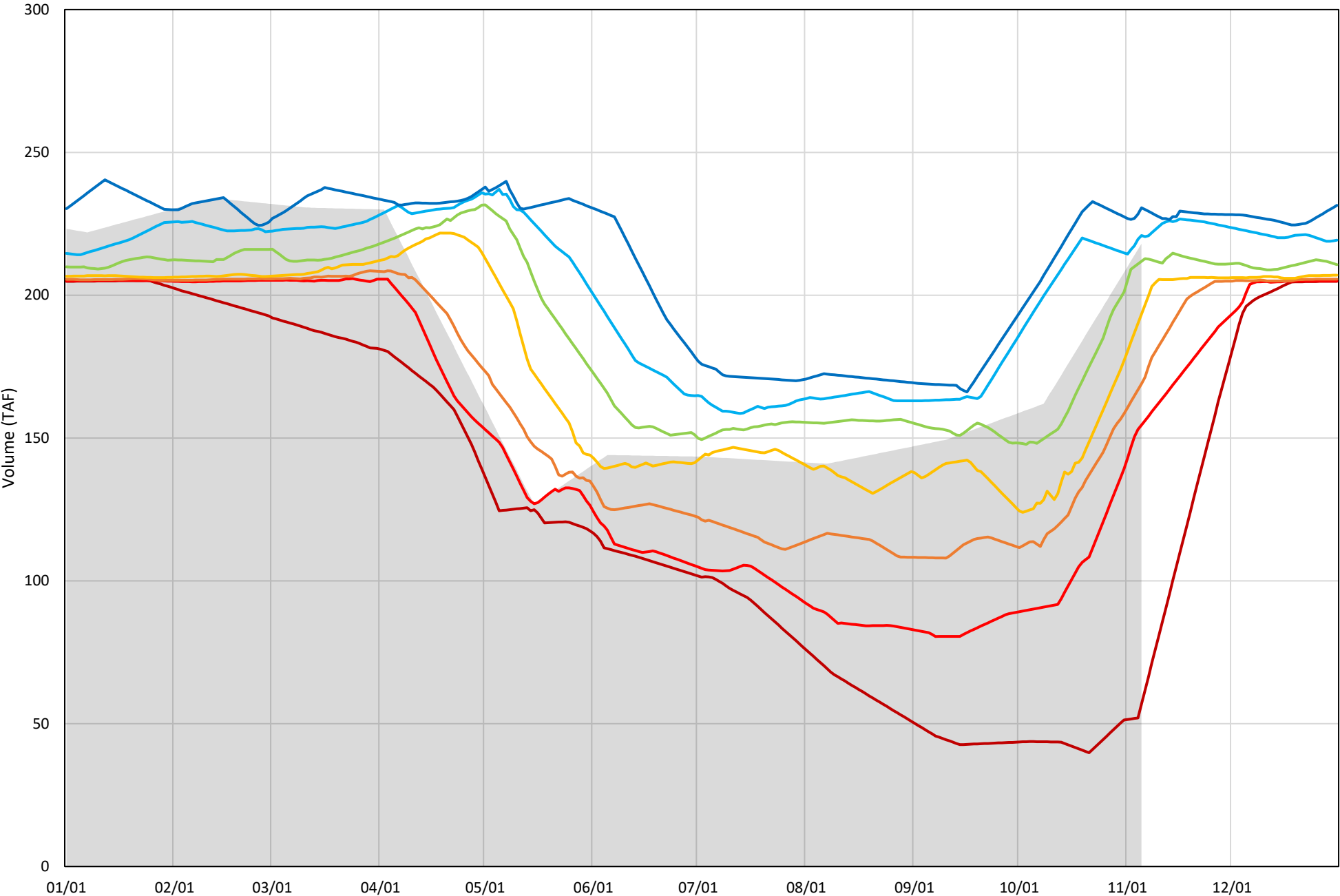


Whiskeytown Lake Cold Water Pool Volume ≤56°F



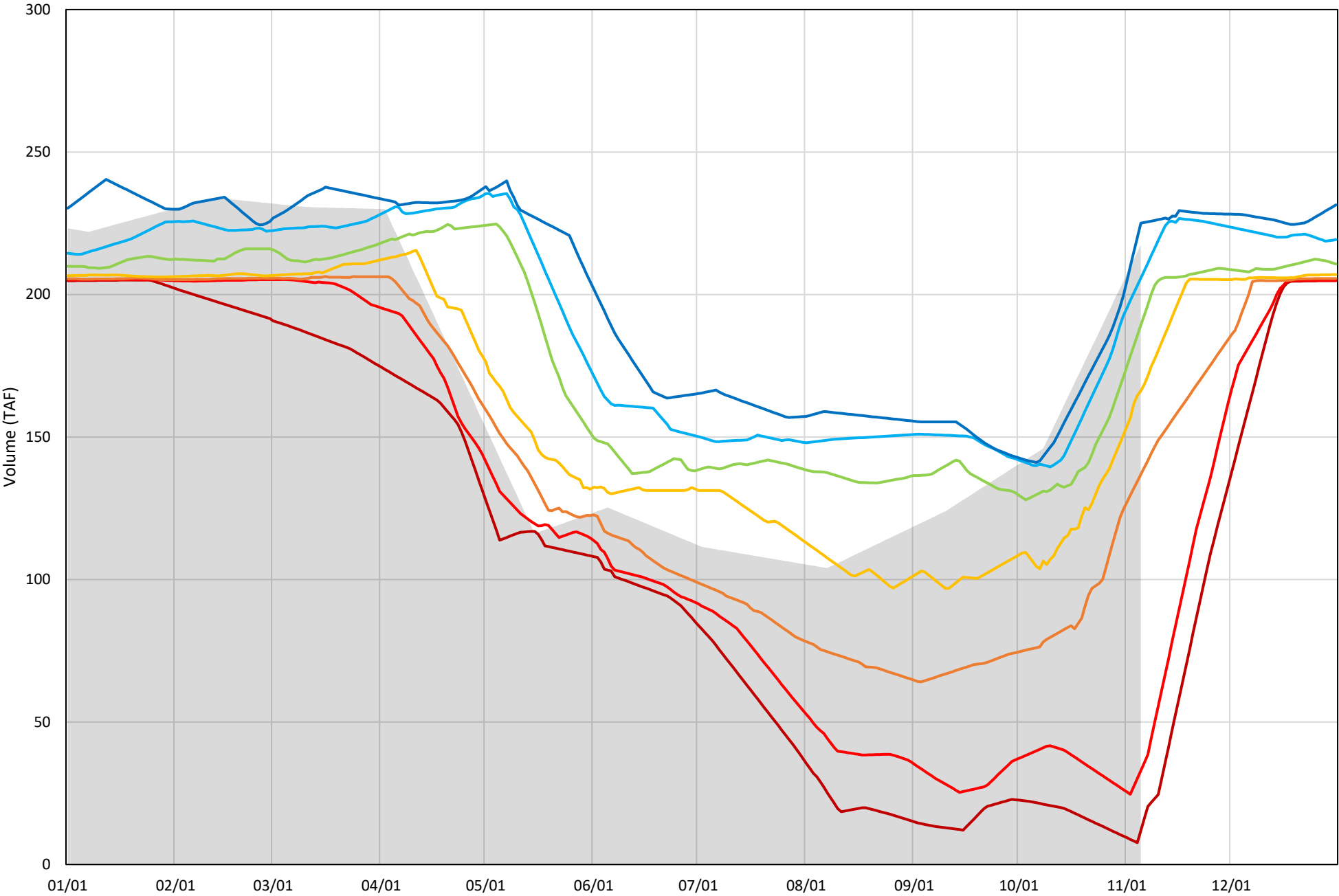
Whiskeytown Lake Cold Water Pool Volume ≤60°F - Percent Exceedances (2000-2024)

2025 95 90 75 50 25 10 5



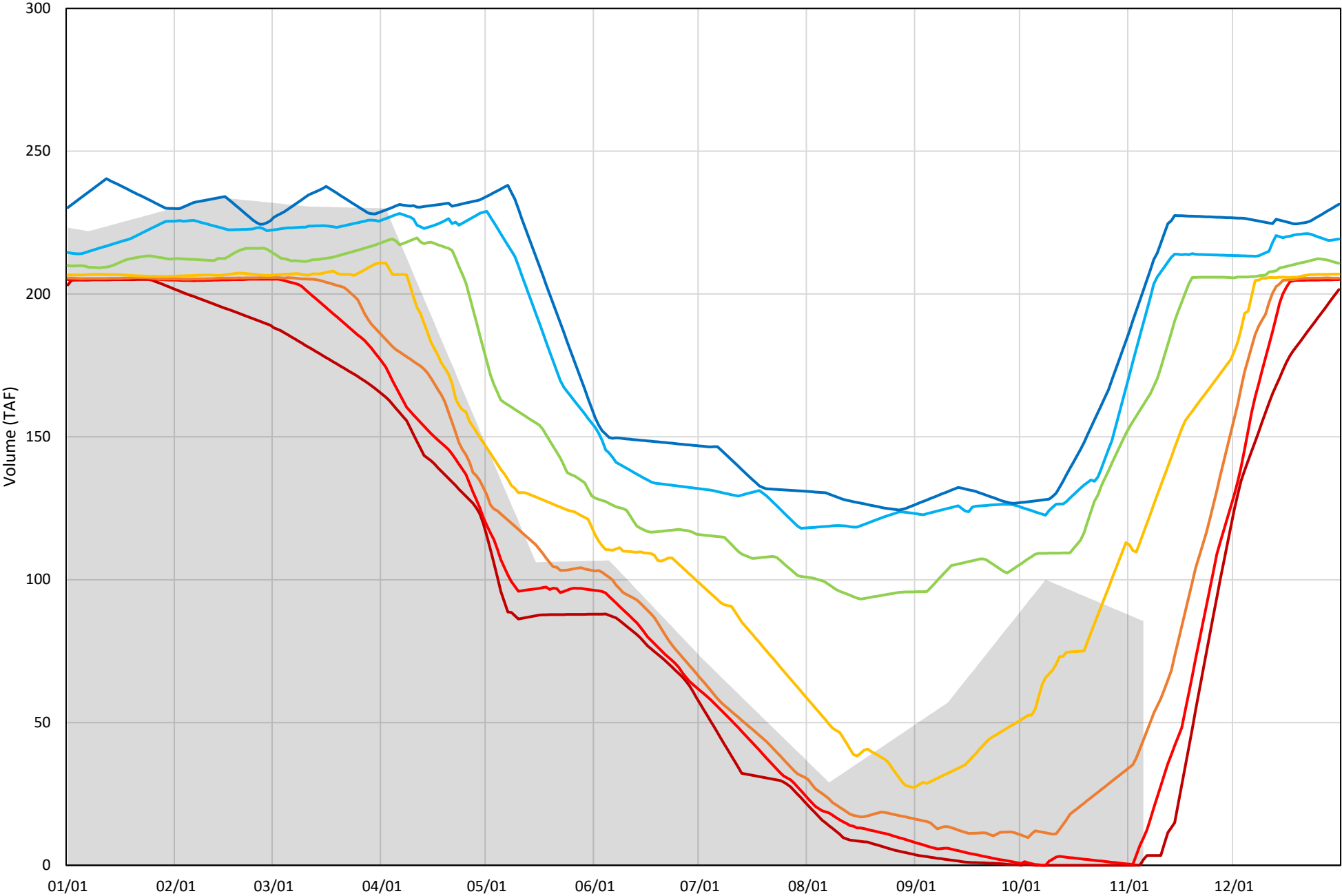
Whiskeytown Lake Cold Water Pool Volume ≤58°F - Percent Exceedances (2000-2024)

2025 95 90 75 50 25 10 5



Whiskeytown Lake Cold Water Pool Volume ≤56°F - Percent Exceedances (2000-2024)

2025 95 90 75 50 25 10 5



Whiskeytown Cold Water Pool Comparison by Year (for Specified Date)

Nov-06 2025	Δ TAF				% Δ			
	$\leq 60^\circ$	$\leq 58^\circ$	$\leq 56^\circ$	Abs. Avg.	$\leq 60^\circ$	$\leq 58^\circ$	$\leq 56^\circ$	Abs. Avg.
2000	-69.9	-74.3	48.1	64.1	-32.1	-34.2	56.2	40.8
2001	-44.1	-44.8	82.9	57.3	-20.2	-20.6	97.0	45.9
2002	-44.3	-47.7	73.7	55.2	-20.3	-21.9	86.2	42.8
2003	13.3	13.9	18.9	15.3	6.1	6.4	22.1	11.5
2004	-6.2	-7.1	120.2	44.5	-2.8	-3.3	140.6	48.9
2005	-24.7	-27.2	-51.2	34.3	-11.3	-12.5	-59.8	27.9
2006	-50.4	-51.2	77.7	59.8	-23.1	-23.6	90.9	45.9
2007	-19.1	-18.9	-8.9	15.7	-8.8	-8.7	-10.4	9.3
2008	-43.0	-44.5	83.8	57.1	-19.7	-20.5	98.0	46.1
2009	-53.7	-61.8	30.8	48.8	-24.6	-28.4	36.1	29.7
2010	-4.9	-157.0	-39.6	67.2	-2.2	-72.2	-46.3	40.3
2011	-21.0	-21.2	105.7	49.3	-9.7	-9.8	123.7	47.7
2012	-17.0	-137.0	-29.0	61.0	-7.8	-63.0	-33.9	34.9
2013	11.1	-73.5	50.5	45.0	5.1	-33.8	59.0	32.6
2014	-59.2	-81.3	7.8	49.4	-27.1	-37.4	9.1	24.5
2015	-27.2	-195.5	-85.5	102.7	-12.5	-89.9	-100.0	67.5
2016	-2.5	-177.1	-67.9	82.5	-1.2	-81.5	-79.4	54.0
2017	-6.1	-79.9	43.3	43.1	-2.8	-36.7	50.6	30.0
2018	-21.8	-29.3	-74.0	41.7	-10.0	-13.5	-86.5	36.7
2019	-53.5	-59.7	-20.1	44.4	-24.5	-27.5	-23.5	25.2
2020	-47.6	-51.9	70.5	56.7	-21.9	-23.9	82.4	42.7
2021	-4.3	-47.9	66.0	39.4	-2.0	-22.0	77.1	33.7
2022	-200.3	-209.8	-79.0	163.0	-91.9	-96.5	-92.4	93.6
2023	-31.7	-45.3	-43.6	40.2	-14.5	-20.8	-51.0	28.8
2024	-7.3	-14.7	103.5	41.8	-3.3	-6.8	121.0	43.7
2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Historical - Current

(Historical - Current) / Current