

An aerial photograph of a coastal water body, likely a reservoir or bay, with a large, irregularly shaped reservoir in the foreground. The water is a deep blue-green color. The surrounding land is a mix of green vegetation and brownish, sandy or rocky terrain. A road or path runs along the bottom edge of the frame. The sky is a clear, pale blue.

CNPPID

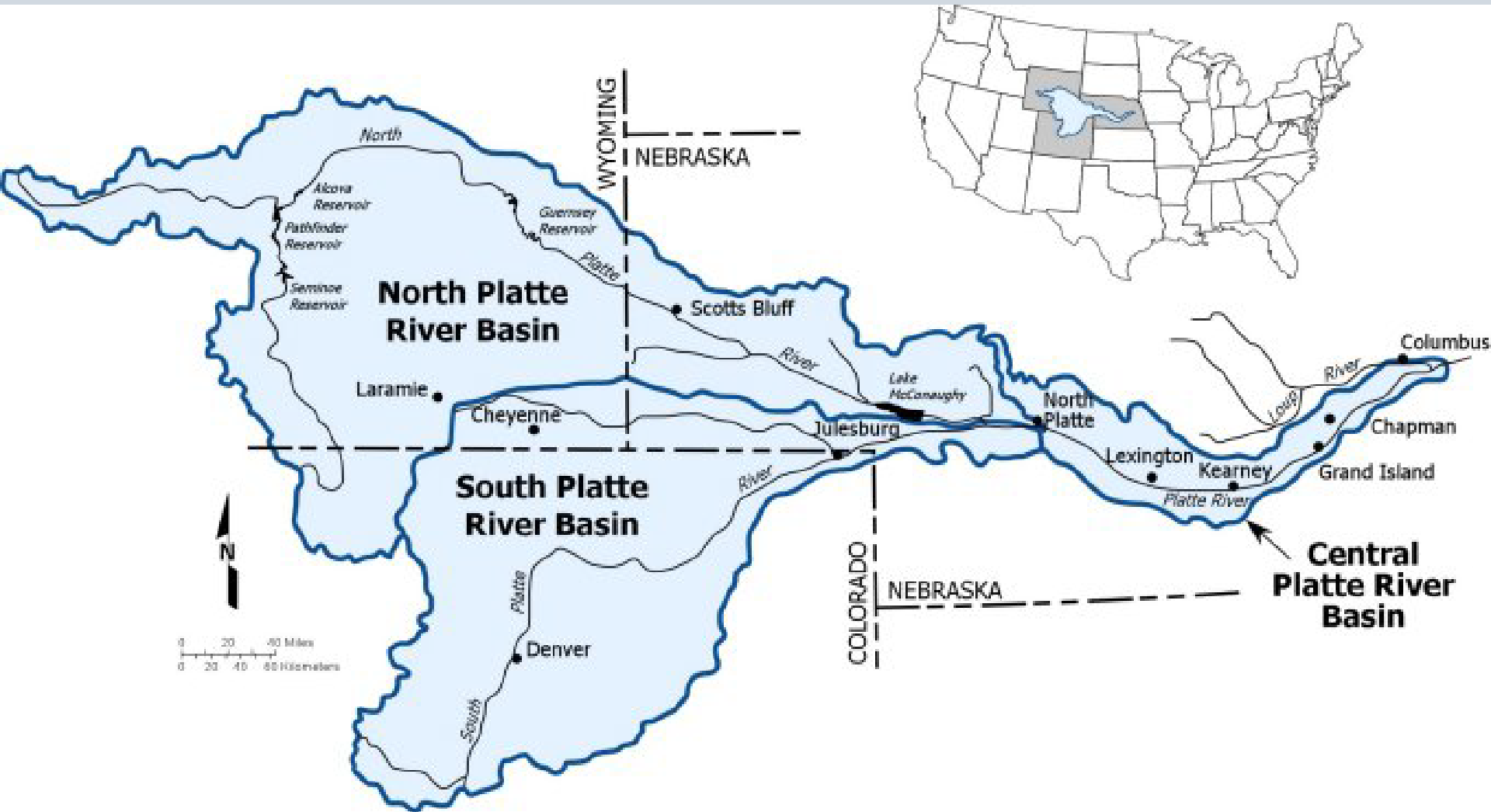
Water Supply Update

January 23, 2025

Outline

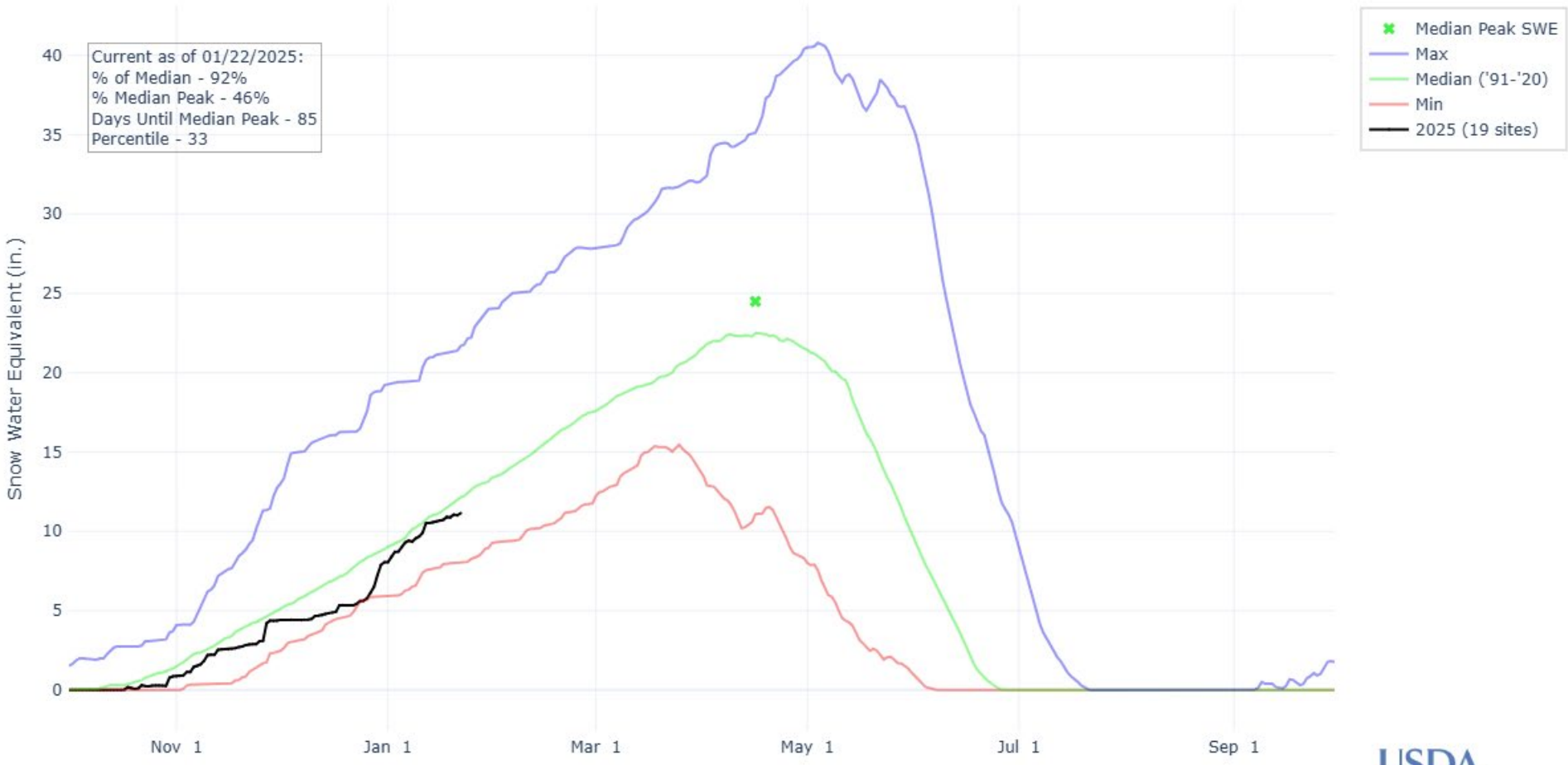
- Basin Map
- North Platte Basin
 - Snowpack
 - Reservoir Conditions
- South Platte Basin
 - Snowpack
 - Reservoir Conditions
- Lake McConaughy
 - Inflows
 - Storage
 - Dam update

Platte River Basin Map

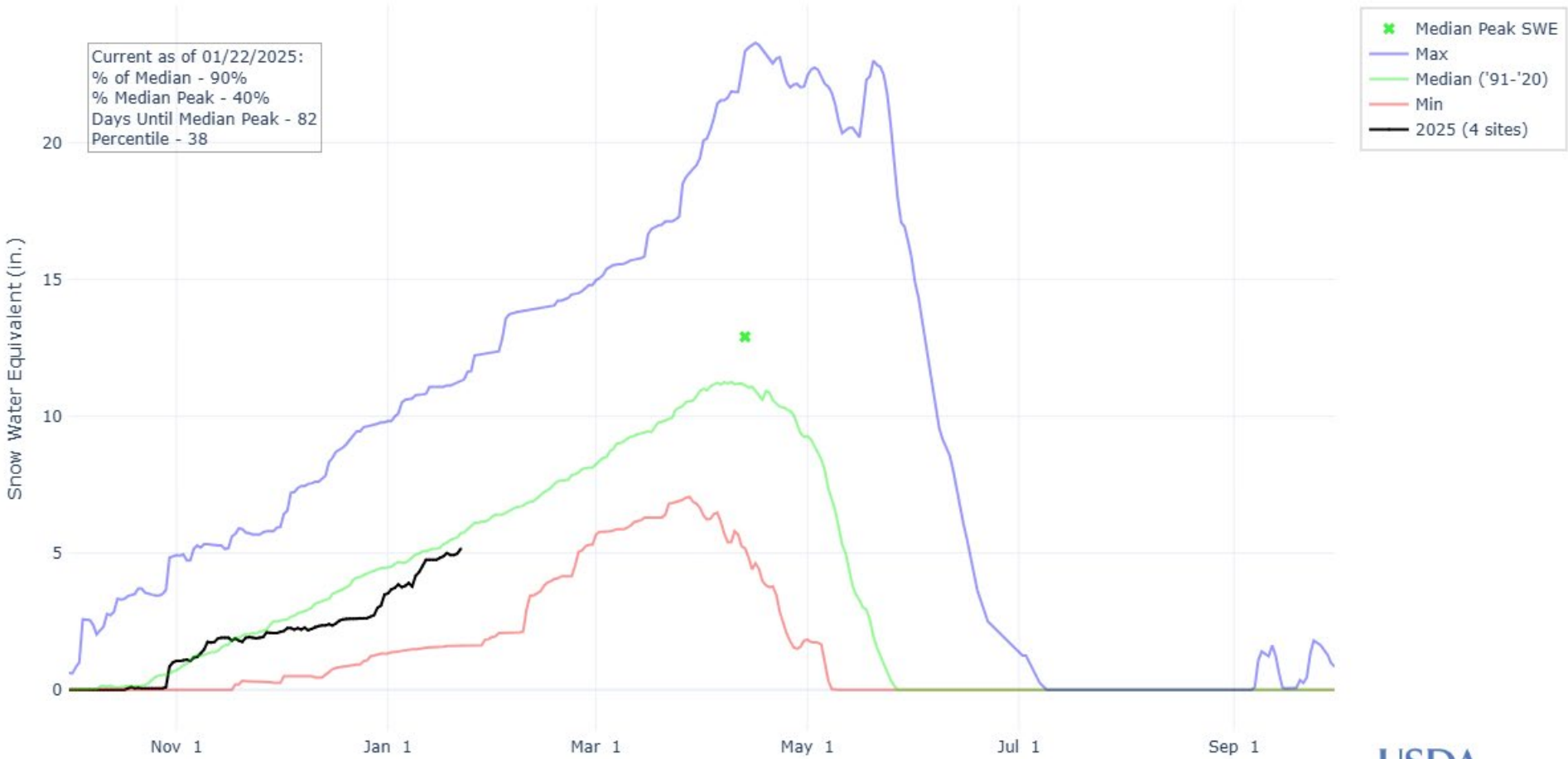


North Platte Basin

SNOW WATER EQUIVALENT IN UPPER NORTH PLATTE



SNOW WATER EQUIVALENT IN LOWER NORTH PLATTE



SIWY
529 cfs

MBWY
78 cfs

SEMINOLE RESERVOIR (SEMR)
Top 1017273 af, 6357.0 ft
Current ~~488840 af~~, 6323.7 ft
To fill 518633 af, 33.3 ft
Computed Inflow 369 cfs

SWWY
35 cfs

KORTES RESERVOIR (KORR)
Top 4739 af, 6142.0 ft
Current 4719 af, 6141.8 ft
To fill 20 af, 0.2 ft
Computed Inflow 536 cfs
Total Outflow 540 cfs

PATHFINDER RESERVOIR (PATR)
Top 1070000 af, 5852.5 ft
Current ~~603448 af~~, 5827.7 ft
To fill 466552 af, 24.8 ft
Computed Inflow 510 cfs

CAWY
0 cfs

PAWY
77 cfs

ALCOVA RESERVOIR (ALCR)
Top 184405 af, 5500.0 ft
Current 157306 af, 5488.6 ft
To fill 27099 af, 11.4 ft
Computed Inflow 501 cfs

GRAY REEF RESERVOIR (GRAR)
Top 1800 af, 5332.0 ft
Current 1554 af, 5330.6 ft
To fill 246 af, 1.4 ft
Computed Inflow 499 cfs
Total Outflow 501 cfs

ORWY
229 cfs

GLENDO RESERVOIR (GLER)
Top 492022 af, 4635.0 ft
Current ~~235032 af~~, 4607.8 ft
To fill 256990 af, 27.2 ft
Computed Inflow 229 cfs
Total Outflow 1 cfs

GUERNSEY RESERVOIR (GUER)
Top 45612 af, 4420.0 ft
Current 8238 af, 4398.5 ft
To fill 37374 af, 21.5 ft
Computed Inflow 2 cfs
Total Outflow 1 cfs

ICWY
0 cfs

WHWY
5 cfs

FCWY
0 cfs

- 1,306,914 af to fill North Platte System
- Spill not projected

NORTH PLATTE RIVER BASIN
Data as of 01/21/2025

North Platte Basin Reservoir Storage

Upper North Platte		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Seminole		505.0	649.3	613.2	1016.7	50%	64%	60%	82%	106%
Pathfinder		600.1	700.1	555.1	1016.5	59%	69%	55%	108%	126%
Basin Index						54%	66%	57%	95%	116%
# of reservoirs						2	2	2	2	2

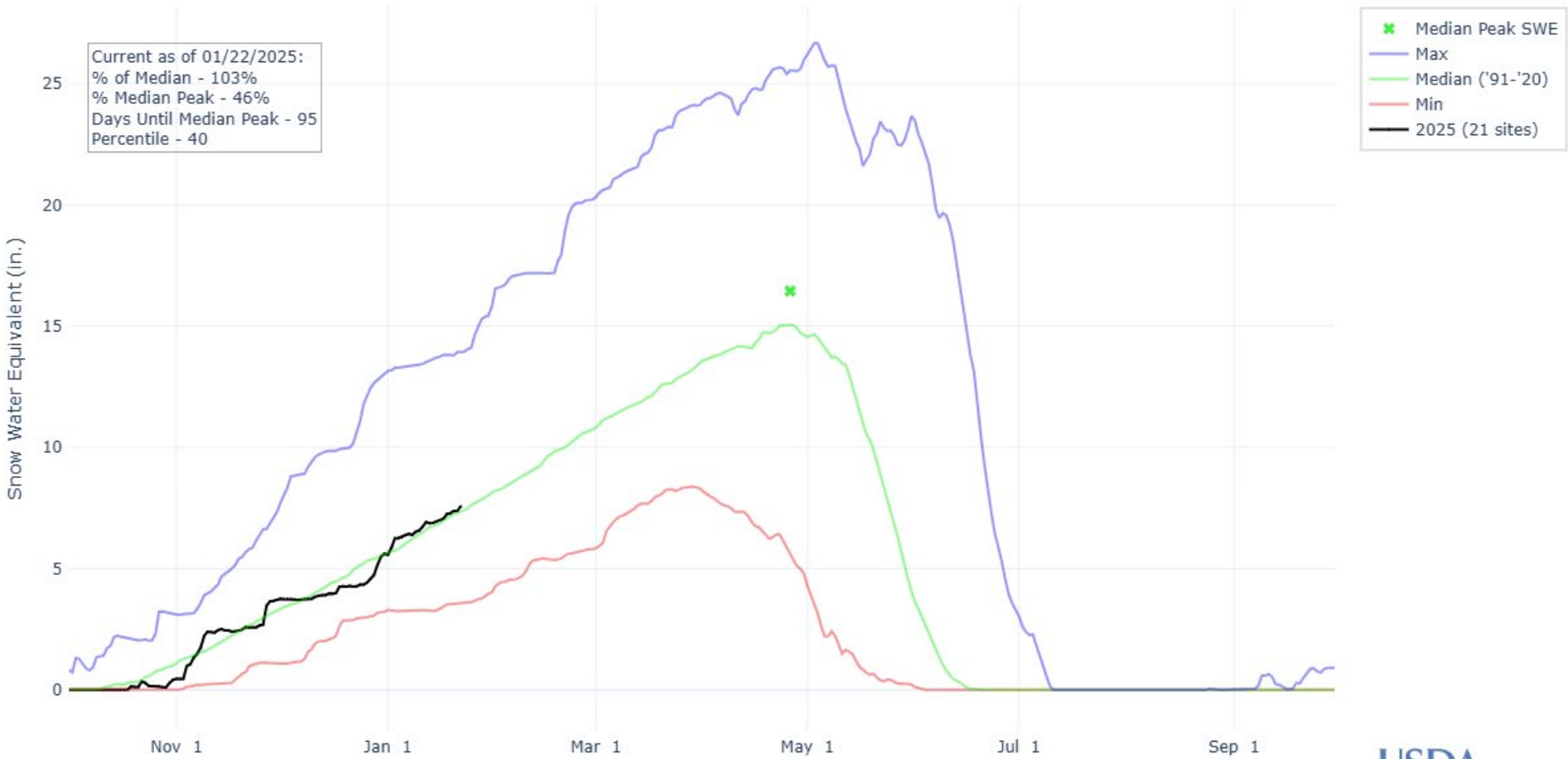
293,900 AF less than last year

Laramie		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Wheatland #2				45.8	98.9			46%		
Basin Index								46%		
# of reservoirs						0	0	1	0	0

Lower North Platte		Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Alcova		157.3	157.3	156.5	184.3	85%	85%	85%	101%	101%
Glendo		212.4	258.0	243.4	506.4	42%	51%	48%	87%	106%
Guernsey		8.2	12.2	11.5	45.6	18%	27%	25%	72%	106%
Basin Index						51%	58%	56%	92%	104%
# of reservoirs						3	3	3	3	3

South Platte Basin

SNOW WATER EQUIVALENT IN SOUTH PLATTE



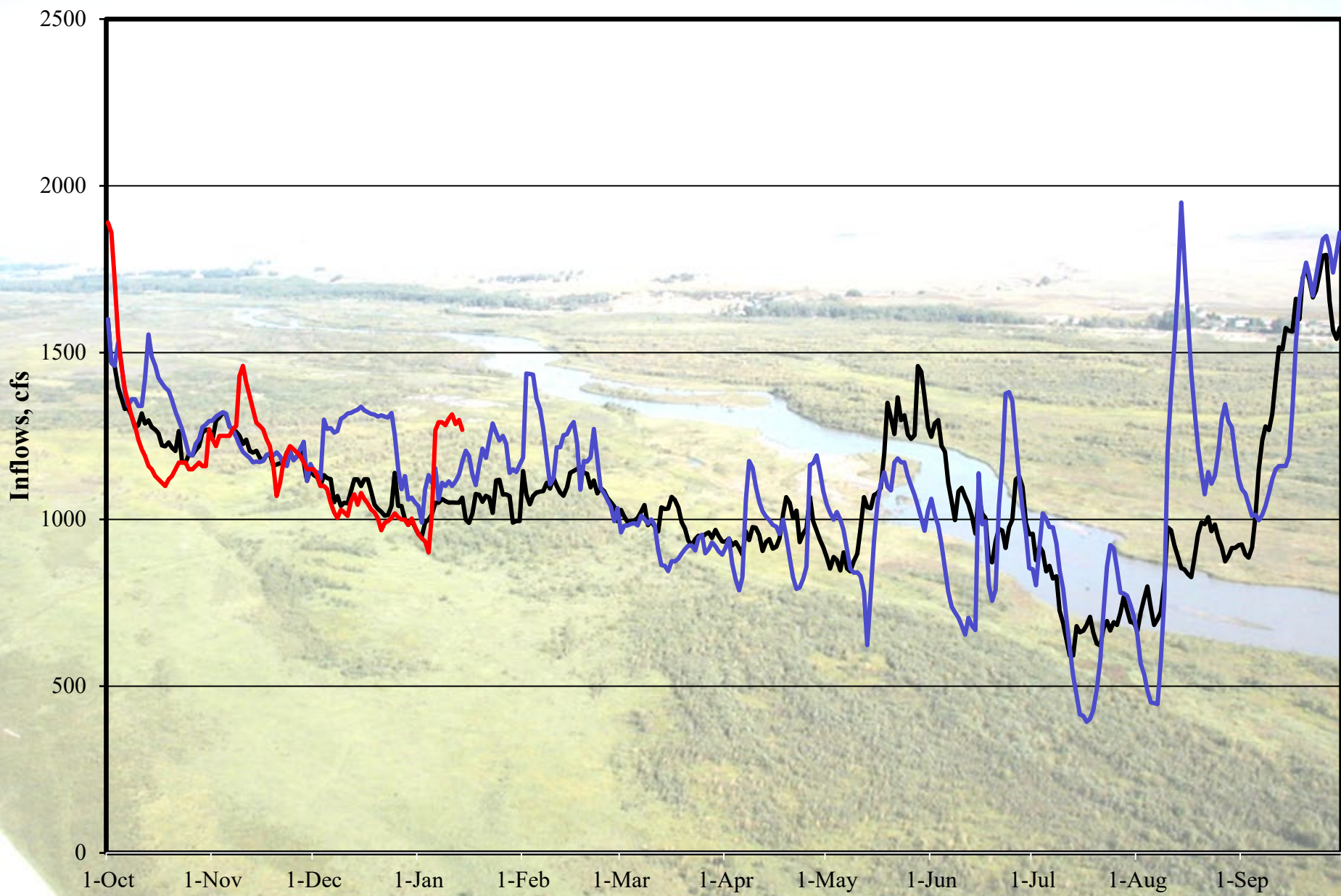
South Platte Basin Reservoir Storage

South Platte	Current (KAF)	Last Year (KAF)	Median (KAF)	Capacity (KAF)	Current % Capacity	Last Year % Capacity	Median % Capacity	Current % Median	Last Year % Median
Black Hollow Reservoir	2.9	3.6	3.0	6.5	45%	56%	46%	98%	121%
Halligan Reservoir	3.0	3.6	3.8	6.4	47%	57%	59%	80%	96%
Cobb Lake	16.9	19.3	14.4	22.3	76%	86%	65%	118%	134%
Elevenmile Canyon Reservoir	100.5	99.3	99.5	98.0	103%	101%	102%	101%	100%
Terry Reservoir	5.4	6.1	5.5	8.0	67%	76%	69%	98%	110%
Cheesman Lake	74.0	73.2	66.8	79.0	94%	93%	85%	111%	110%
Windsor Reservoir	8.4	11.0	11.9	15.2	55%	72%	78%	71%	92%
Union Reservoir	6.8	9.7	10.6	13.0	52%	74%	82%	64%	91%
Lake Loveland Reservoir	15.5	7.9	7.3	10.3	150%	77%	71%	212%	109%
Fossil Creek Reservoir	6.1	9.3	7.8	11.1	55%	84%	70%	78%	119%
Mariano Reservoir	2.0	4.0	3.3	5.4	37%	74%	61%	61%	121%
Spinney Mountain Reservoir	22.0	37.2	33.6	49.0	45%	76%	69%	65%	111%
Marston Reservoir	11.4	10.2	8.6	13.0	87%	78%	66%	132%	118%
Ralph Price Reservoir	13.4	15.4	14.8	16.2	83%	95%	91%	91%	104%
Marshall Reservoir	5.2	6.3	5.6	10.0	52%	63%	56%	92%	112%
Gross Reservoir	17.7	15.7	18.6	29.8	60%	53%	62%	95%	84%
Cache La Poudre	2.9	6.5	6.0	10.1	29%	64%	59%	48%	108%
Boyd Lake	29.0	39.4	30.2	48.4	60%	81%	62%	96%	131%
Lone Tree Reservoir	4.9	7.0	6.0	8.7	56%	80%	69%	81%	116%
Horsetooth Reservoir	117.3	102.1	92.8	149.7	78%	68%	62%	126%	110%
Chambers Lake	4.3	4.8	3.6	8.8	49%	55%	41%	119%	134%
Antero Reservoir	18.6	20.1	19.6	20.1	93%	100%	97%	95%	102%
Carter Lake	63.0	82.7	59.7	108.9	58%	76%	55%	106%	139%
Basin Index					74%	79%	71%	103%	111%
# of reservoirs					23	23	23	23	23

Lake McConaughy

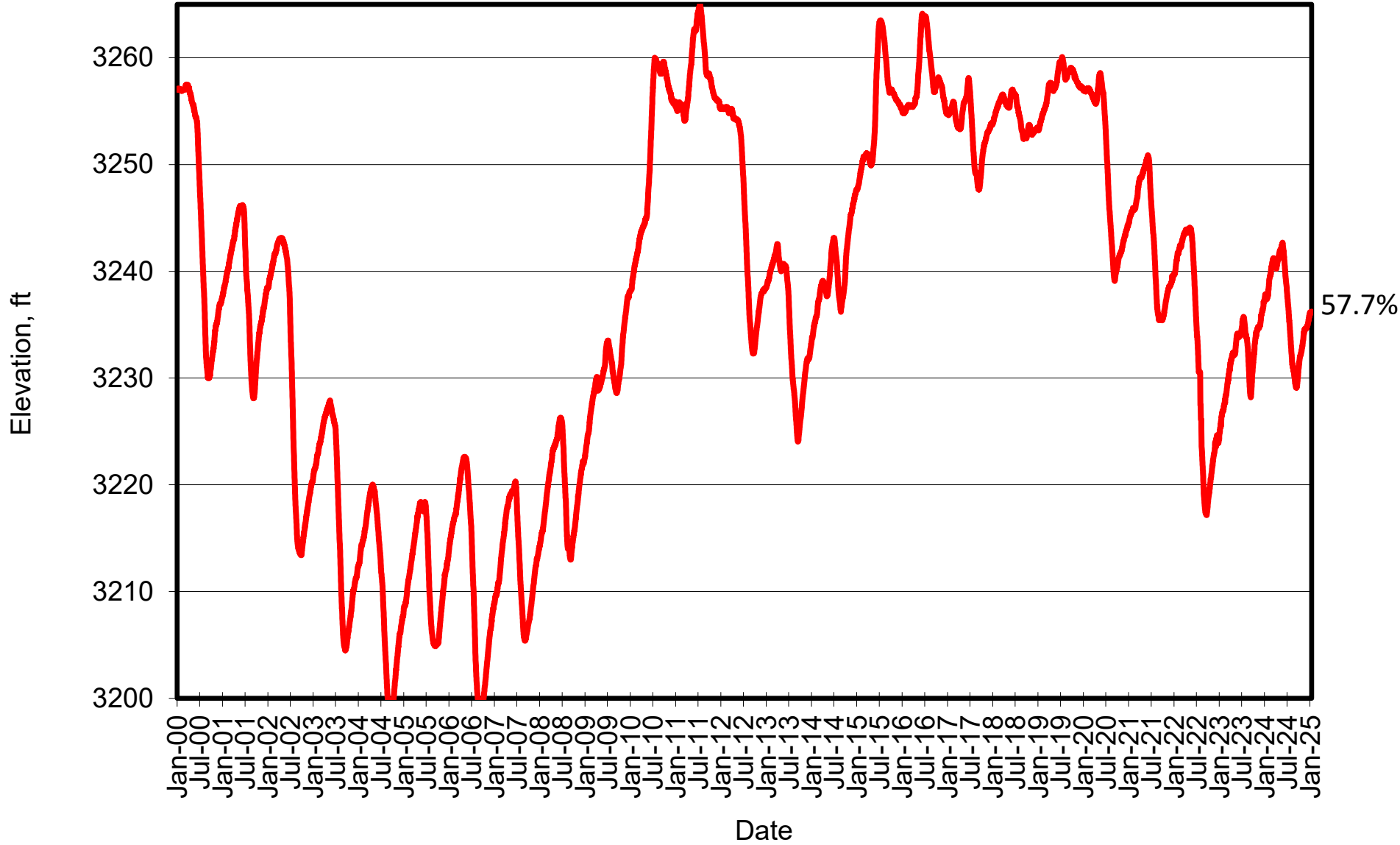


Lake McConaughy Inflows



— Median (2007-2025) — 2024 WY — 2025 WY

Lake McConaughy Elevation



Kingsley Dam Update

- Temporary operating restrictions (elevation 3235 to 3260.5)
 - Avoid sustained operations at a single elevation
 - Drop reservoir below elevation 3235 once per year to inspect riprap
 - Inspect riprap following major wind events
- Evaluating slope protection alternatives
 - Concrete faced soil cement
 - Riprap
 - RCC
 - Other
- Cost Estimate \$100-\$250 million
- Construction dates unknown at this time

Takeaways

- North Platte Basin
 - Below normal snowpack
 - Below average reservoir storage
 - Spill from Wyoming not projected
- South Platte Basin
 - Near normal snowpack
 - Near normal reservoir storage
- Lake McConaughy
 - Near normal inflows
 - 57.7% of capacity

Questions?