RECLAMATION

Managing Water in the West

Idaho Water supply Committee Meeting

February 14, 2011

By Art Hill

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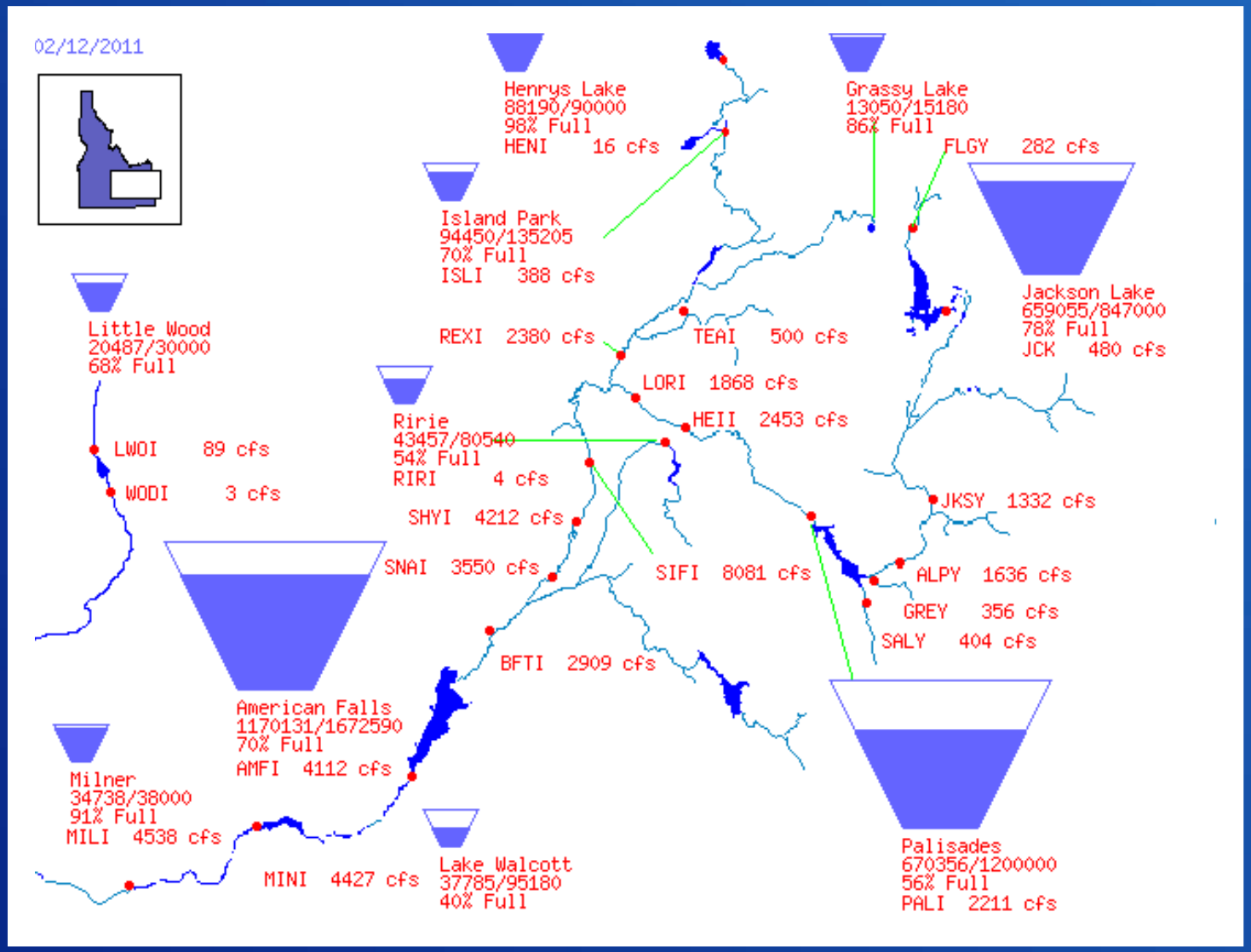
U.S. Department of the Interior
Bureau of Reclamation

Major Storage Reservoirs in the Upper Snake River Basin

Upper Snake River system (Jackson Lake, Palisades, Grassy Lake, Island Park, Ririe, American Falls, Lake Walcott) is at 66% of capacity (2,688,287 AF). Total space available: 1,357,408 AF with a Total storage capacity: 4,045,695 AF



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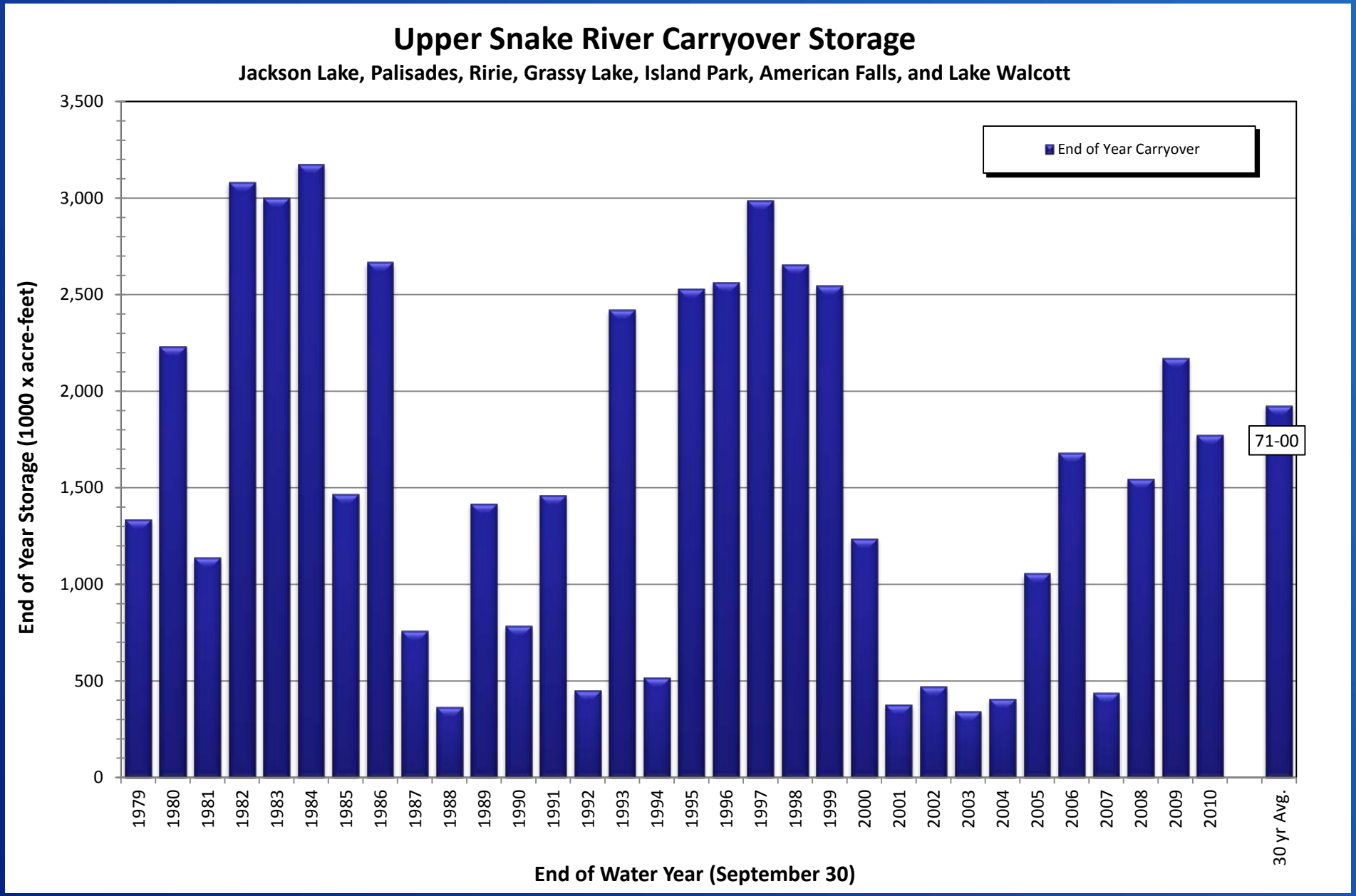

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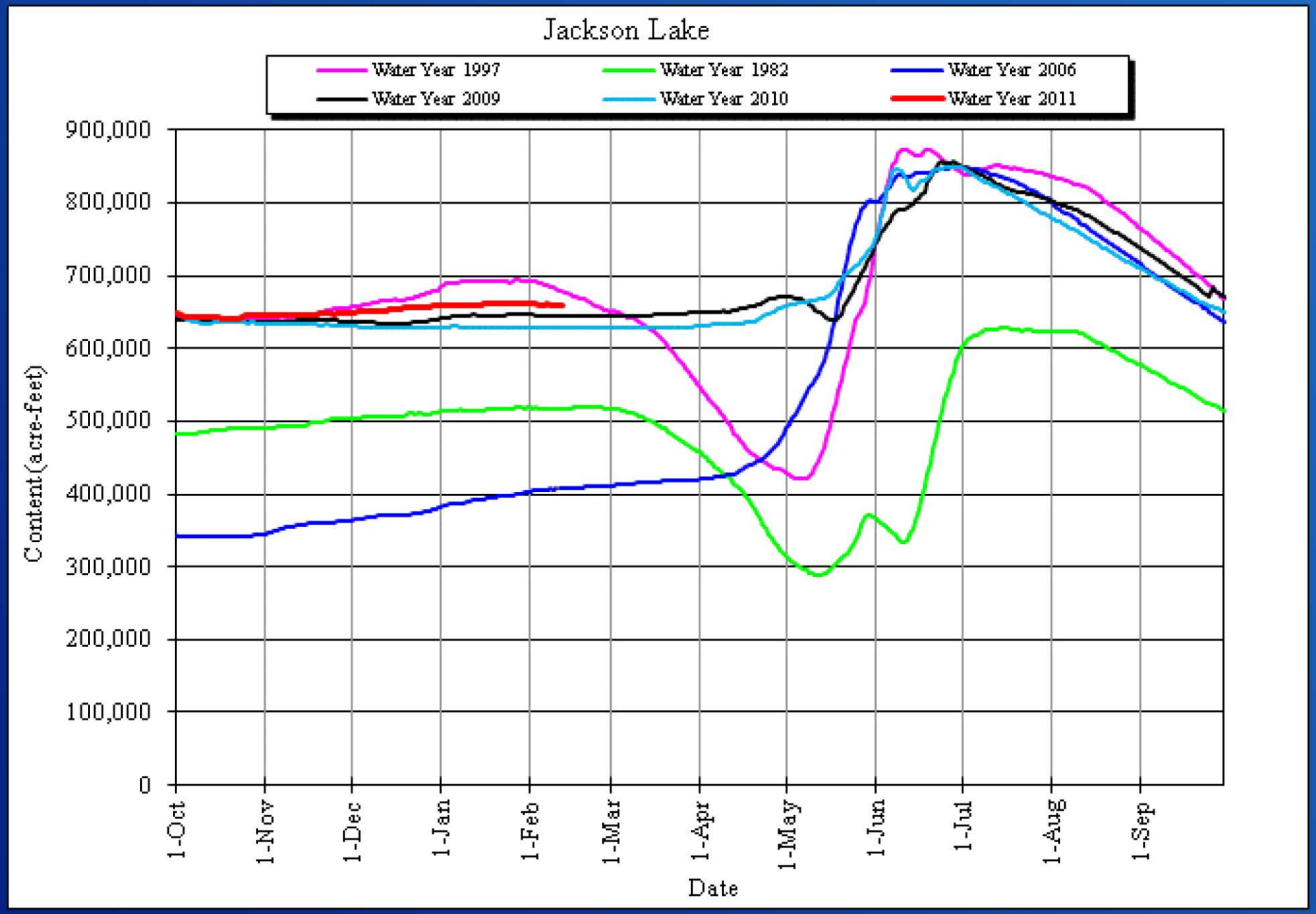

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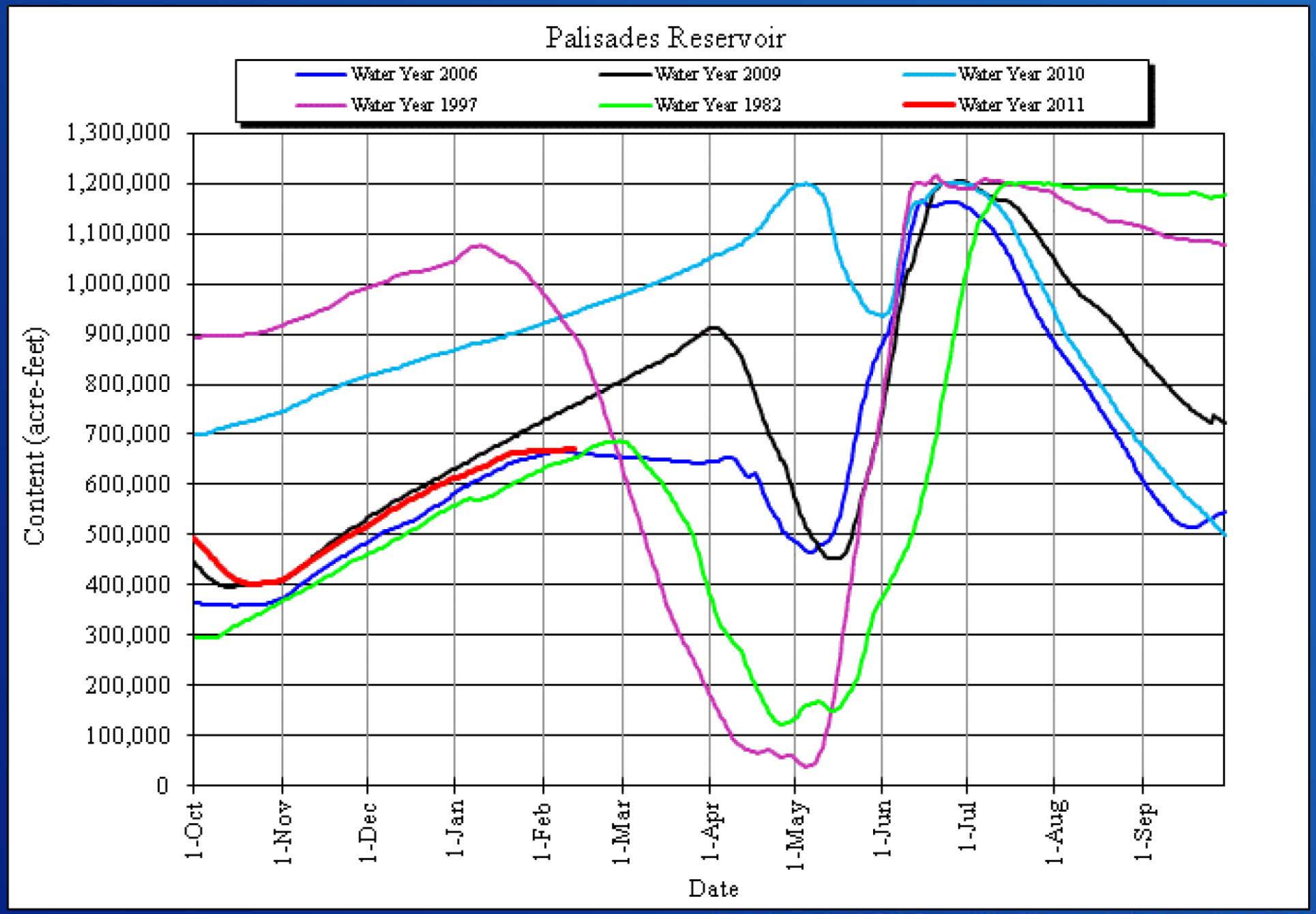

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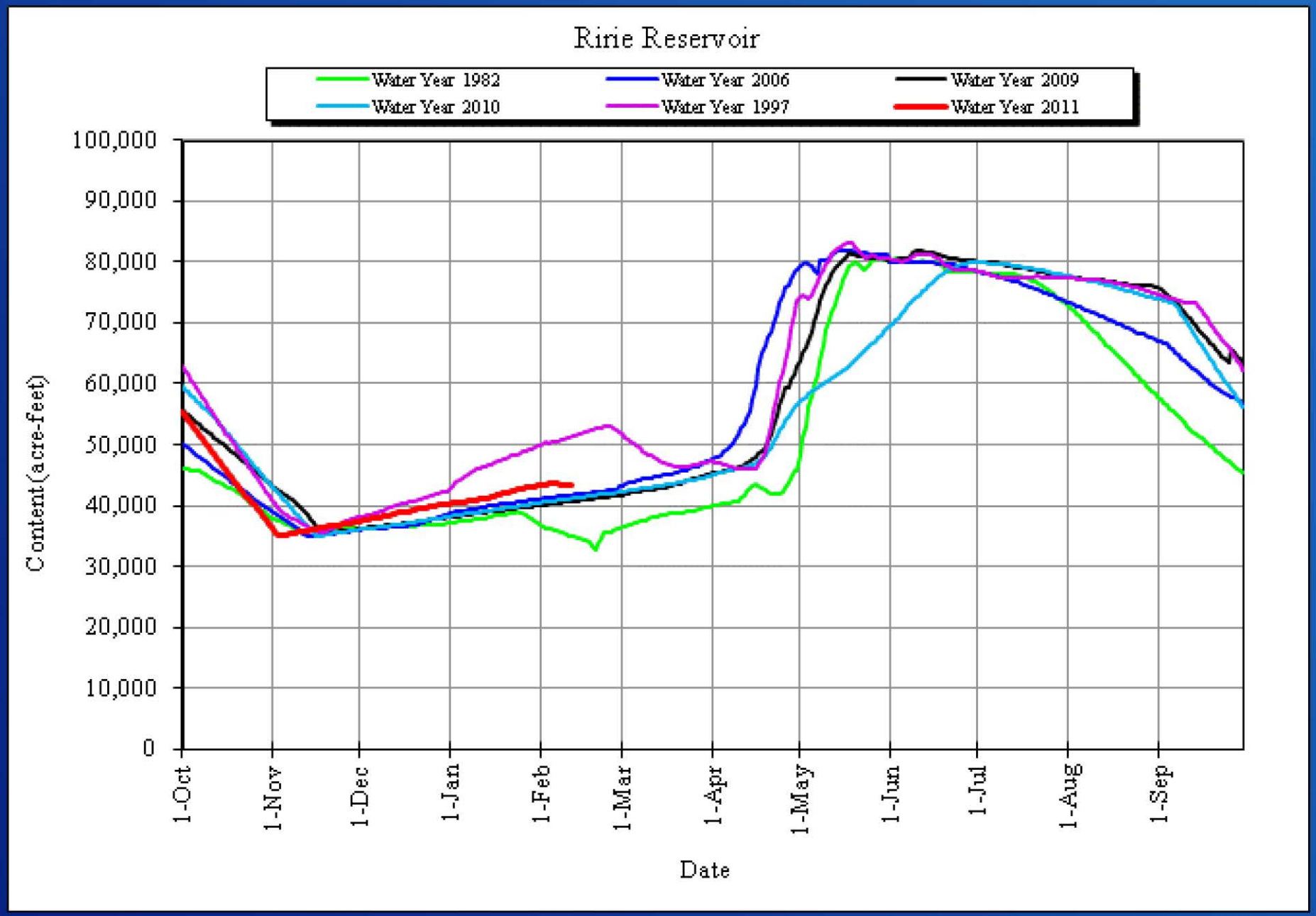

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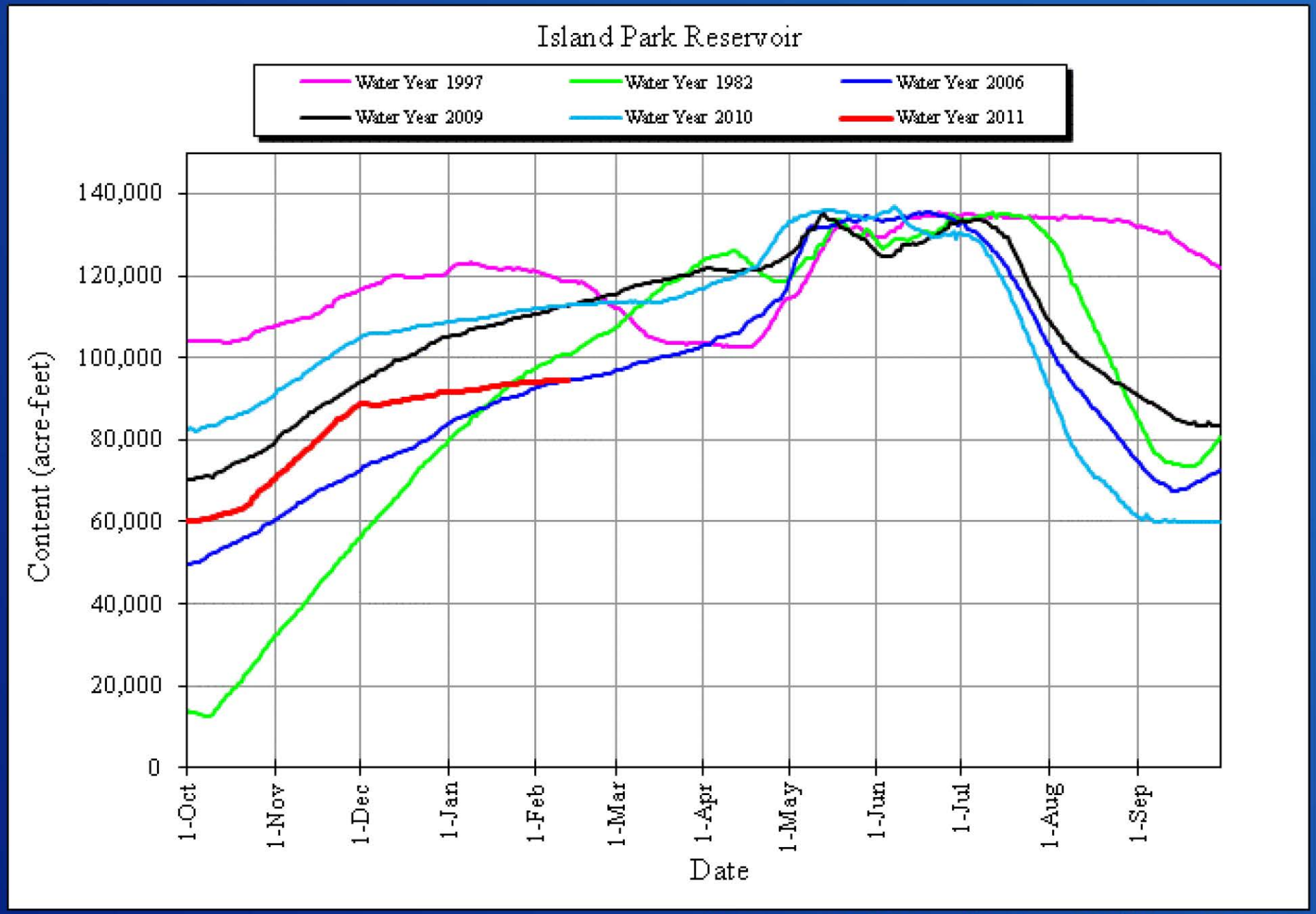

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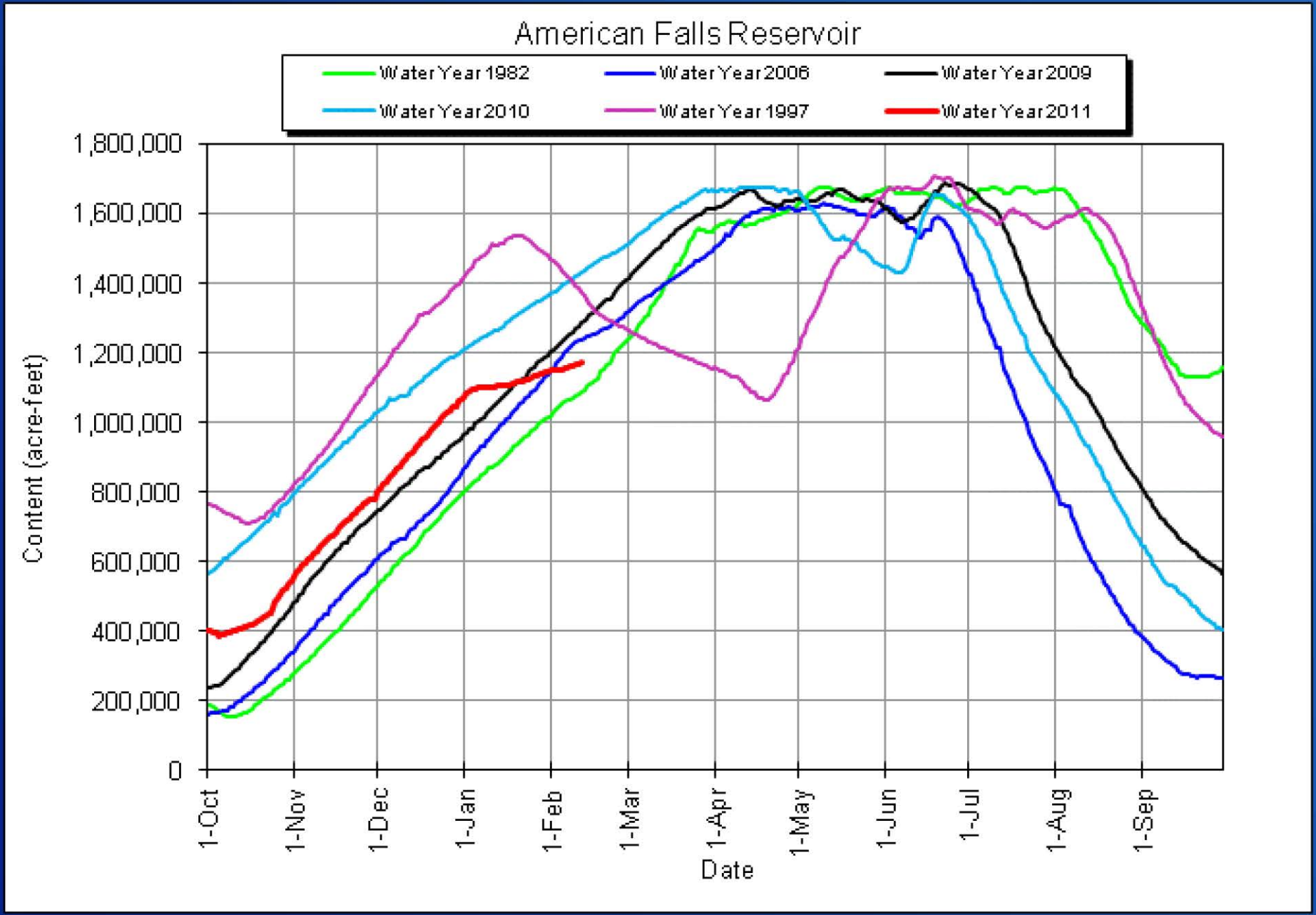

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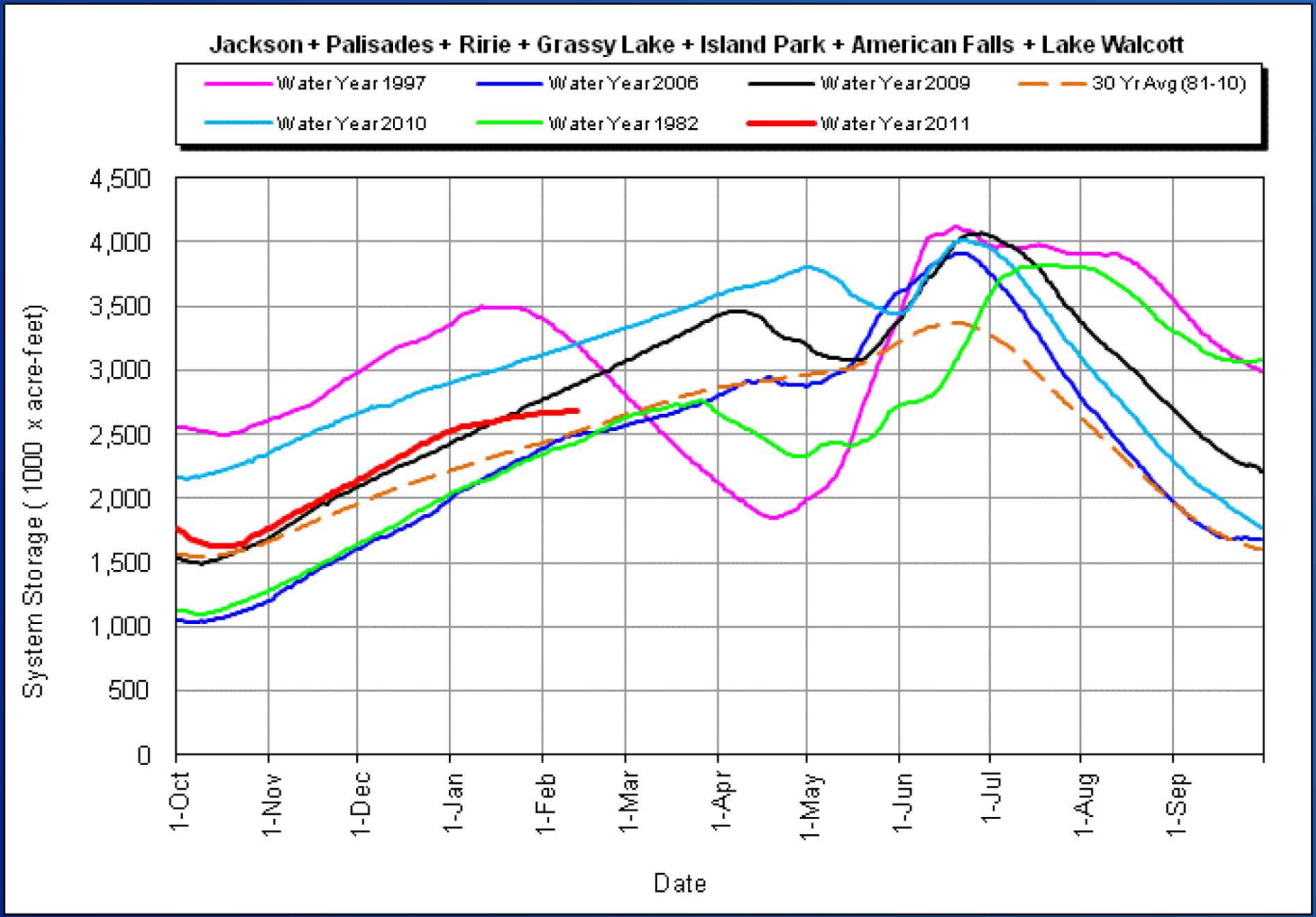

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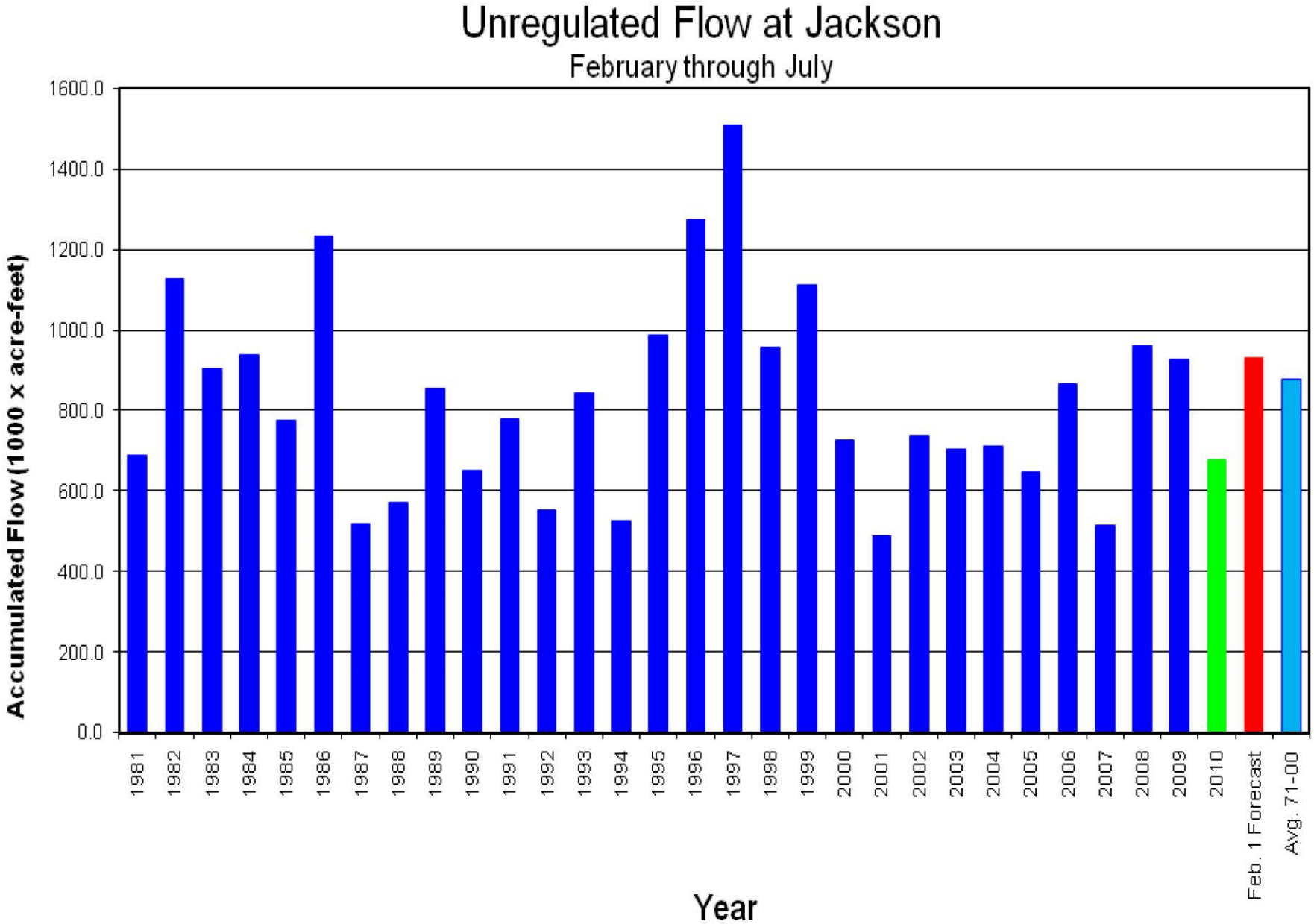

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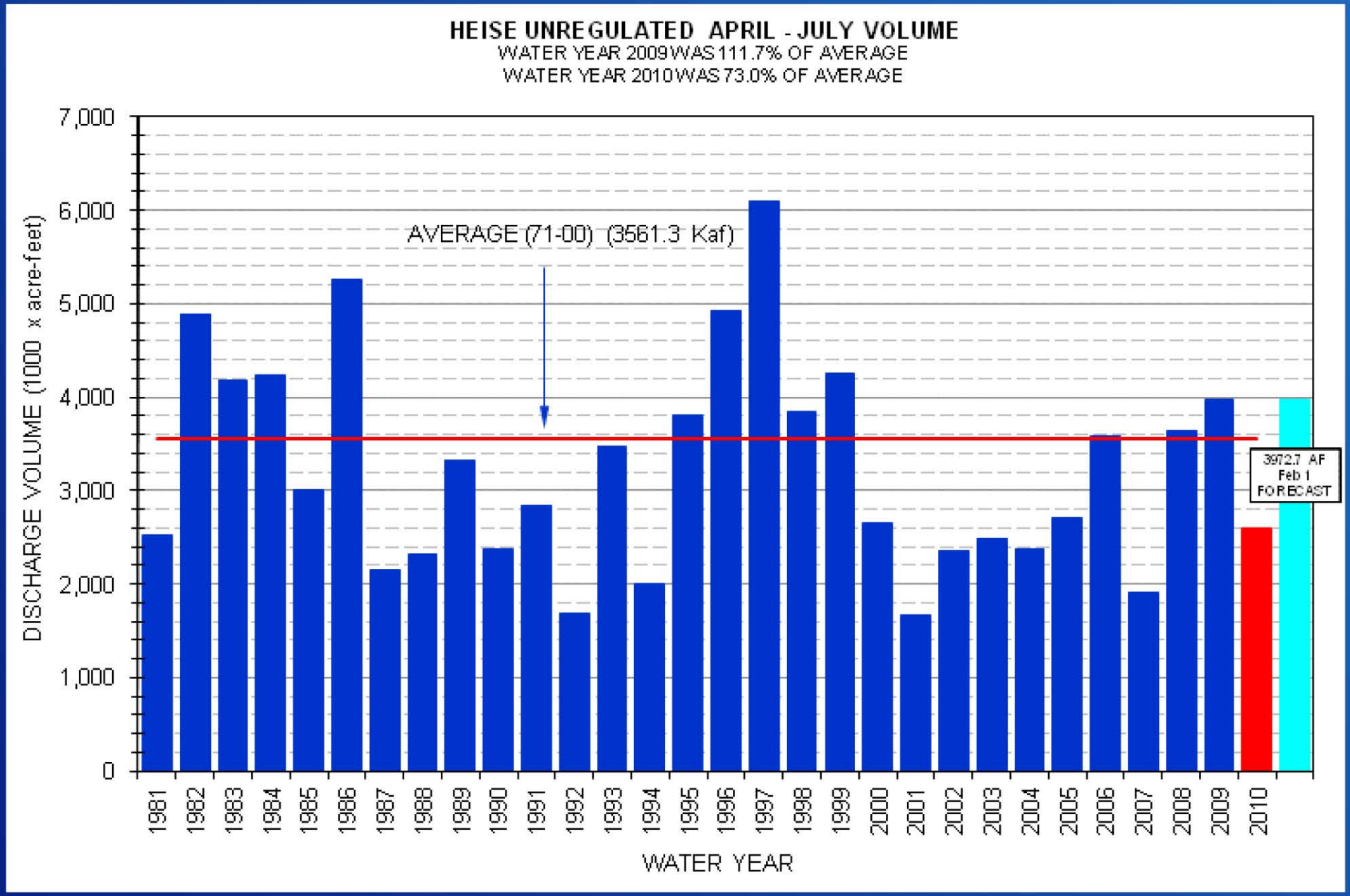

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Idaho SNOTEL Snow/Precipitation Update Report

Based on Mountain Data from NRCS SNOTEL Sites

Provisional data, subject to revision

Data based on the first reading of the day (typically 00:00) for Sunday, February 13, 2011

Basin / Site Name	Elev (ft)	Snow Water Equivalent			Year-to-Date Precipitation		
		Current (in)	Average (in)	Pct of Avg	Current (in)	Average (in)	Pct of Avg
HENRYS FORK, TETON BASINS							
BLACK BEAR	8170	30.8	28.3	109	30.2	29	104
GRAND TARGHEE	9260	35.7	N/A	*	25.5	N/A	*
GRASSY LAKE	7265	25.5	25.8	99	28.4	27.5	103
ISLAND PARK	6290	13	12	108	15.9	13.9	114
LEWIS LAKE DIVIDE	7850	24.7	25.9	95	25.5	27.5	93
PHILLIPS BENCH	8200	21.9	20.8	105	23.2	21.6	107
PINE CREEK PASS	6720	14	12.4	113	19.6	15.5	126
WHITE ELEPHANT	7710	21.1	20.2	104	24.4	21.6	113
Basin-wide percent of				**104**			**107**
SNAKE BASIN ABOVE PALISADES							
BASE CAMP	7030	14.6	14.2	103	17.6	16.4	107
BLIND BULL SUM	8650	21.7	20.3	107	15.5	16.9	92
COTTONWOOD CREEK	7670	19.4	15.8	123	26.2	20.4	128
EAST RIM DIVIDE	7930	11	9.6	115	9.5	8.9	107
GRANITE CREEK	6770	14.3	13.9	103	16.7	15.3	109
GRASSY LAKE	7265	25.5	25.8	99	28.4	27.5	103
GROS VENTRE SUMMIT	8750	11.3	10.2	111	11	9.5	116
GUNSIGHT PASS	9820	12.6	N/A	*	12.8	N/A	*
LEWIS LAKE DIVIDE	7850	24.7	25.9	95	25.5	27.5	93
LOOMIS PARK	8240	13.8	12.5	110	14.9	13	115
PHILLIPS BENCH	8200	21.9	20.8	105	23.2	21.6	107
SALT RIVER SUMMIT	7760	12.1	10.6	114	16.2	13.9	117
SNAKE RIVER STATION	6920	-M	14.3	*	-M	17.2	*
SPRING CREEK DIVIDE	9000	25.5	19.3	132	25.1	20	126
THUMB DIVIDE	7980	14.2	13.2	108	14.5	14	104
TOGWOTEE PASS	9580	21.6	18.5	117	23	18.4	125
TWO OCEAN PLATEAU	9240	24.1	20.8	116	20.1	20.4	99
WILLOW CREEK	8380	24.1	22.4	108	29.4	23.9	123
Basin-wide percent of				**109**			**110**

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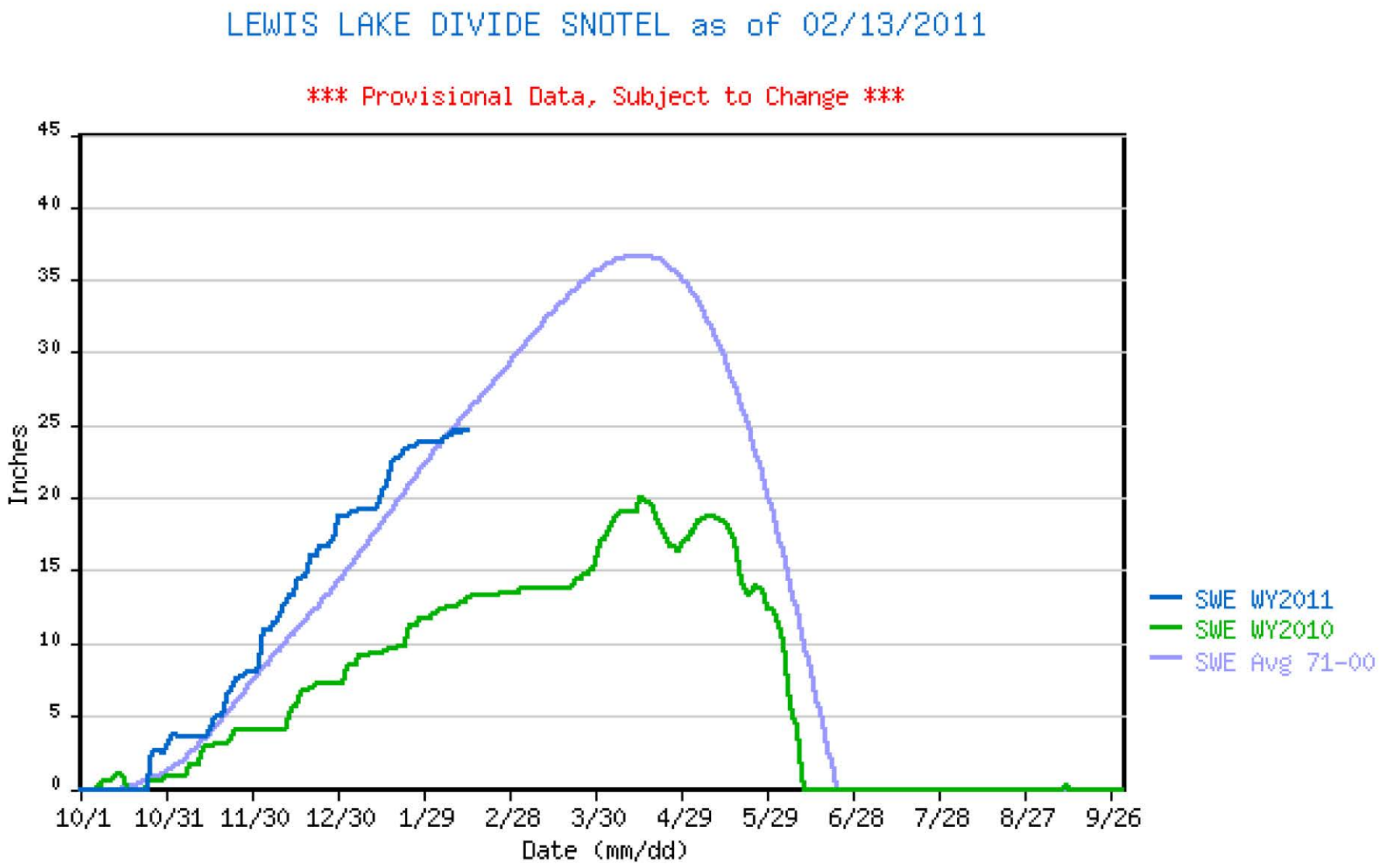

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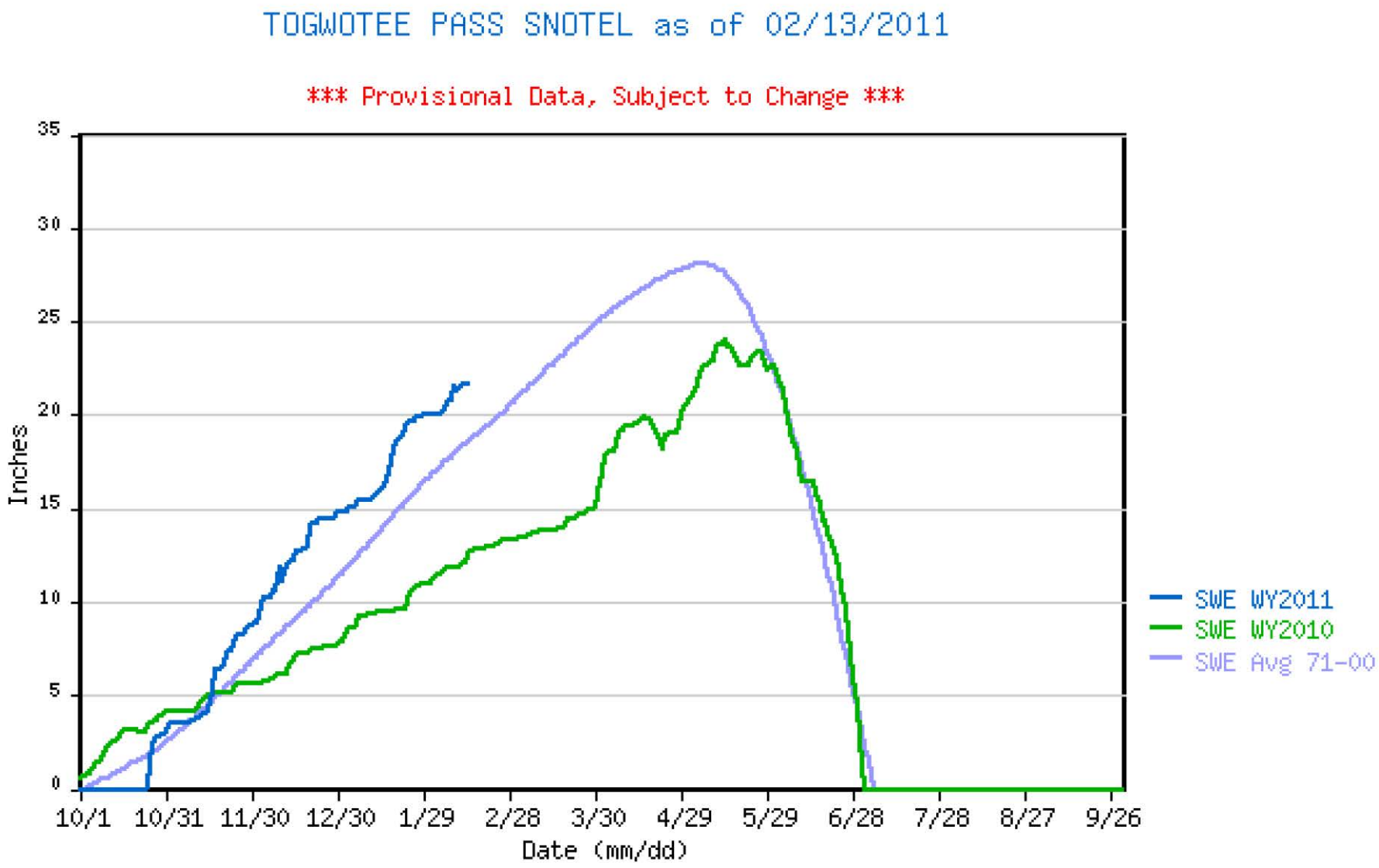

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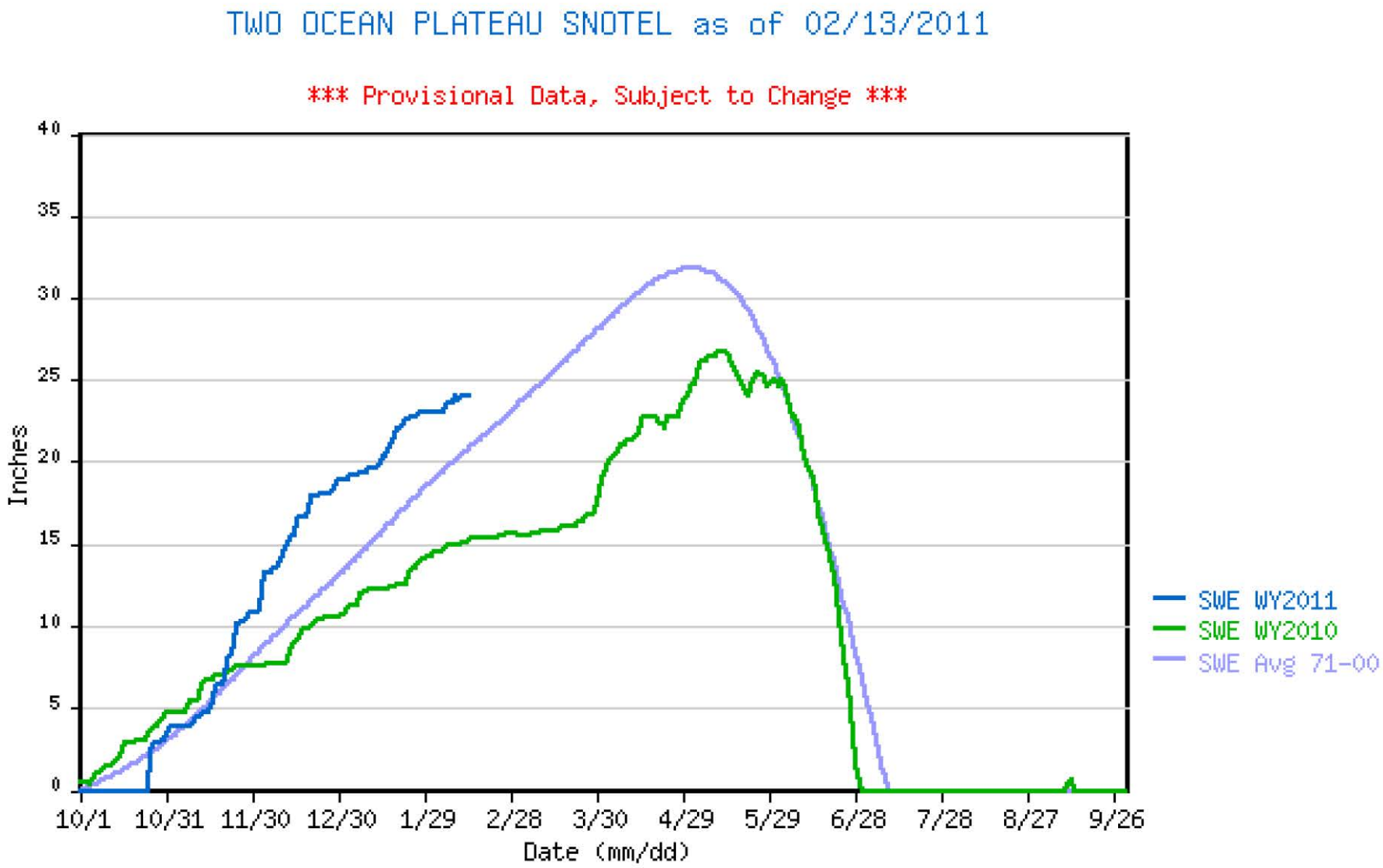

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Forecast Points	February 1, 2011 Forecast of February - July Runoff				30 Yr. Feb - July Runoff Avg. [2]		Most Probable % of Avg.	Comparative Actual February - July Runoff			
	Reasonable Maximum[1]	Most Probable		Reasonable Minimum[1]				W. Yr. 2010	W. Yr. 2009	W. Yr. 2008	W. Yr. 2007
Snake River near Heise	5280	4400		3730	3944		112	2891	4331	3946	2301
Jackson Lake near Moran, WY	1028	929		831	878		106	708	961	995	545
Henry's Fork near Island Park, ID	286	248		219	296	[3]	84	219	279	253	243
Ririe Reservoir near Ririe, ID	104	94	[5]	69	92		103	44	69	48	31
Little Wood River near Carey, ID	104	92	[5]	74	101	[4]	92	53	72	60	45
Teton	533	482		431	466		104	402	479	488	290

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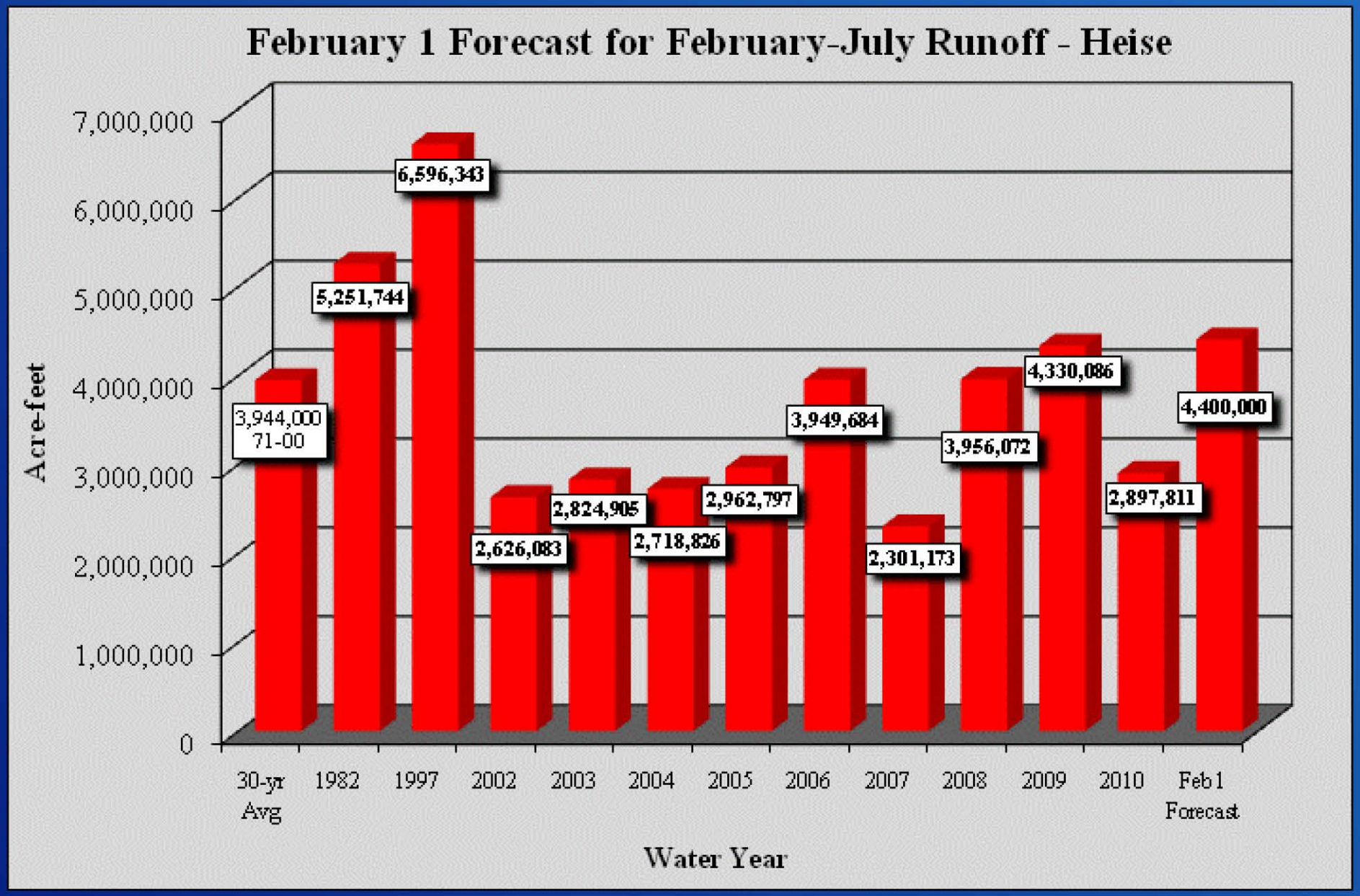

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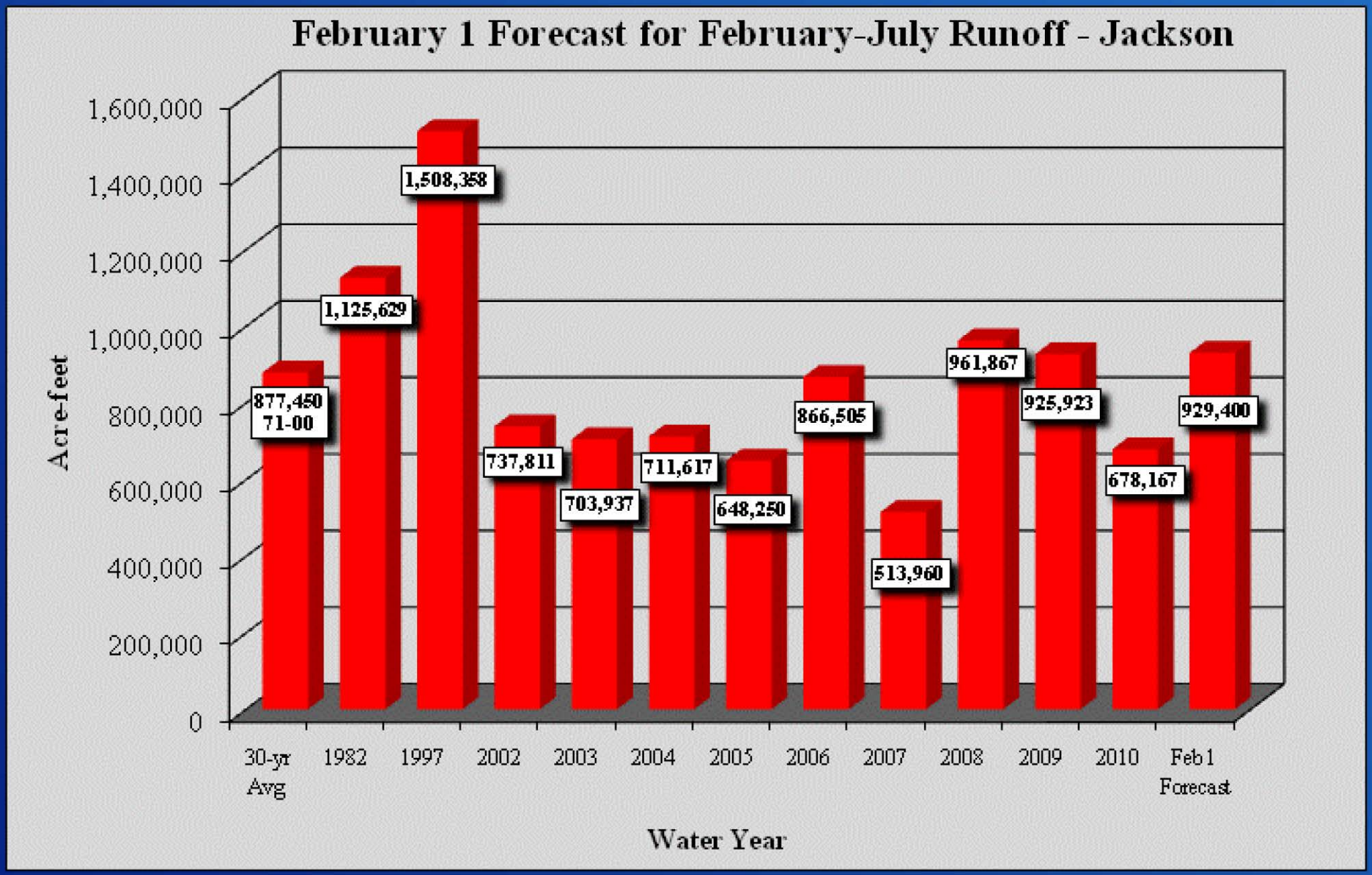

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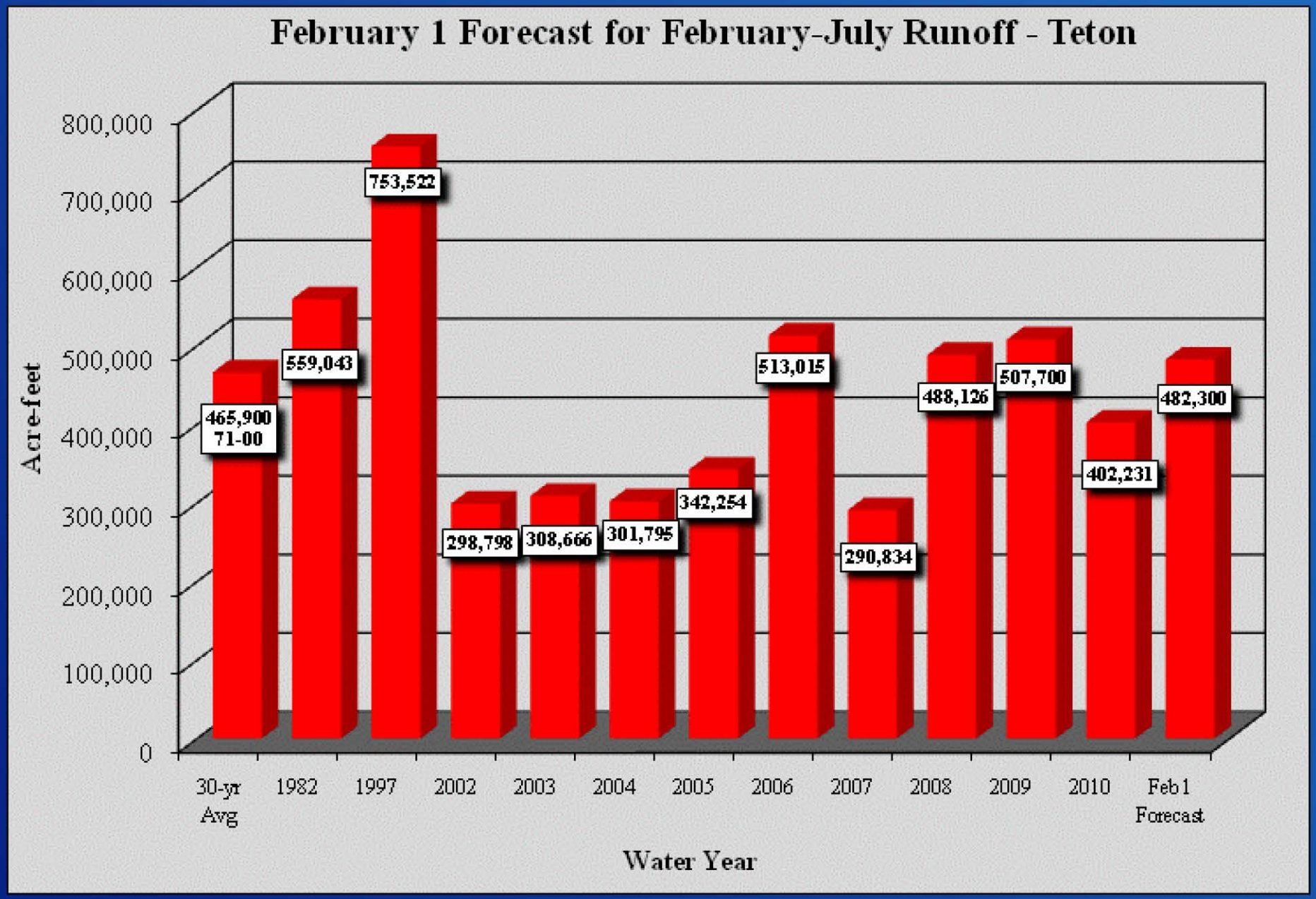

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The End

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