

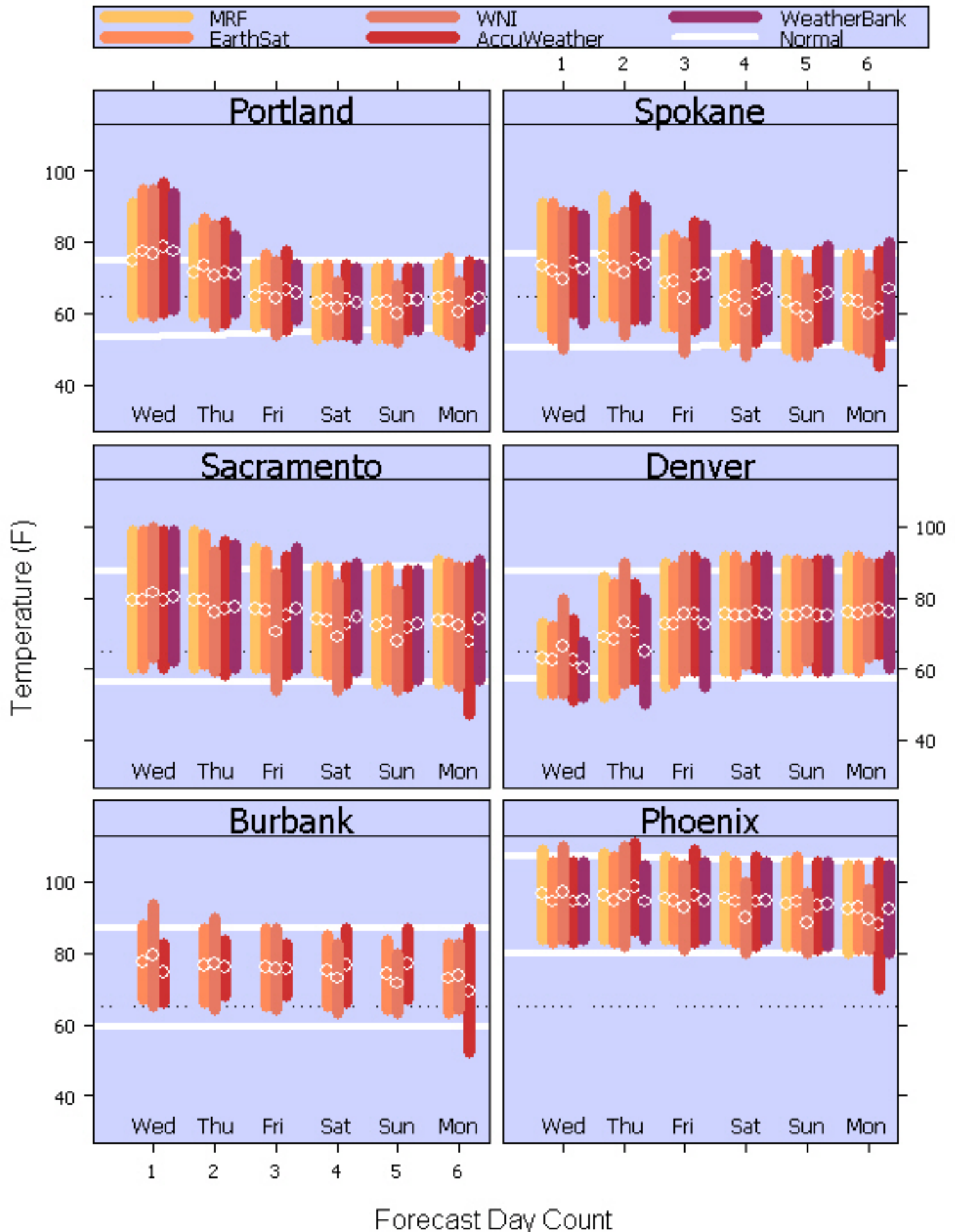
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Start Date	<div>6/27/00</div>	Increment	<div>1 Week</div>	Assumed FRCD OUT	<div>3 %</div>	
Relative	<div><input checked="" type="radio"/> Absolute <input type="radio"/></div>	Rows In Chart	<div>8</div>	Add Assumption At	<div>3 Rows</div>	
<div></div>						
Date		PNW	DSW	CA	RM	All Regions
Tue, Jun 27	Load	(31,435)	(17,473)	(41,256)	(6,841)	(97,005)
	Hydro Generation	19,551	1,465	5,820	352	27,188
	Thermal Outages	(4,788)	0	(113)	(80)	(4,981)
Tue, Jul 4	Load	1,036	1,526	2,487	(133)	4,916
	Hydro Generation	(864)	67	(240)	(1)	(1,038)
	Thermal Outages	4,048	0	113	0	4,161
	Total	172	1,593	2,247	(134)	3,879
Tue, Jul 11	Load	527	1,394	1,874	(94)	3,701
	Hydro Generation	378	67	(240)	(1)	204
	Thermal Outages	4,402	(436)	(901)	(118)	2,947
	Total	5,307	1,024	733	(213)	6,852
Tue, Jul 18	Load	152	1,231	1,287	(179)	2,491
	Hydro Generation	(58)	67	(240)	(1)	(232)
	Thermal Outages	4,377	(441)	(919)	(120)	2,897
	Total	4,471	857	128	(300)	5,156
Tue, Jul 25	Load	(663)	922	70	(354)	(25)
	Hydro Generation	(1,757)	67	(240)	(1)	(1,931)
	Thermal Outages	4,359	(451)	(955)	(125)	2,828
	Total	1,939	539	(1,126)	(481)	871
Tue, Aug 1	Load	606	734	(696)	(1,704)	(1,060)
	Hydro Generation	(2,716)	26	(798)	(66)	(3,554)
	Thermal Outages	4,368	(457)	(995)	(168)	2,748
	Total	2,258	302	(2,489)	(1,938)	(1,866)
Tue, Aug 8	Load	789	930	(200)	(1,756)	(237)
	Hydro Generation	(2,286)	26	(798)	(66)	(3,124)
	Thermal Outages	4,387	(452)	(980)	(169)	2,786
	Total	2,889	504	(1,978)	(1,991)	(575)

This chart was generated at 6/27/00 10:53:55 AM.

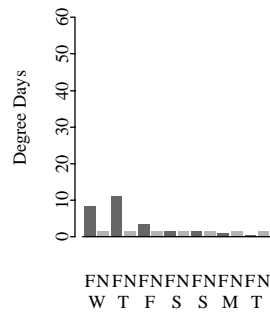
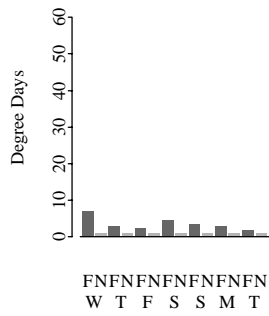
Please Provide Analysis Criteria						
Start Date		Increment		Assumed FRCD OUT		
6/27/00		1 Week		3 %		
Relative <input type="radio"/> Absolute <input checked="" type="radio"/>		Rows In Chart		Add Assumption At		
		8		3 Rows		
Date		PNW	DSW	CA	RM	All Regions
Tue, Jun 27	Load	(31,435)	(17,473)	(41,256)	(6,841)	(97,005)
	Hydro Generation	19,551	1,465	5,820	352	27,188
	Thermal Outages	(4,788)	0	(113)	(80)	(4,981)
Tue, Jul 4	Load	(30,399)	(15,946)	(38,770)	(6,973)	(92,088)
	Hydro Generation	18,687	1,532	5,580	351	26,150
	Thermal Outages	(740)	0	0	(80)	(820)
Tue, Jul 11	Load	(30,908)	(16,079)	(39,382)	(6,935)	(93,304)
	Hydro Generation	19,928	1,532	5,580	351	27,391
	Thermal Outages	(386)	(436)	(1,014)	(198)	(2,034)
Tue, Jul 18	Load	(31,284)	(16,242)	(39,969)	(7,019)	(94,514)
	Hydro Generation	19,493	1,532	5,580	351	26,956
	Thermal Outages	(411)	(441)	(1,032)	(200)	(2,084)
Tue, Jul 25	Load	(32,098)	(16,550)	(41,187)	(7,195)	(97,030)
	Hydro Generation	17,793	1,532	5,580	351	25,256
	Thermal Outages	(429)	(451)	(1,068)	(205)	(2,153)
Tue, Aug 1	Load	(30,829)	(16,739)	(41,952)	(8,545)	(98,065)
	Hydro Generation	16,835	1,491	5,022	286	23,634
	Thermal Outages	(420)	(457)	(1,108)	(248)	(2,233)
Tue, Aug 8	Load	(30,647)	(16,543)	(41,456)	(8,596)	(97,242)
	Hydro Generation	17,264	1,491	5,022	286	24,063
	Thermal Outages	(401)	(452)	(1,093)	(249)	(2,195)

This chart was generated at 6/27/00 10:52:32 AM.

Temperature Forecasts Reported Tue June 27 2000



Spokane

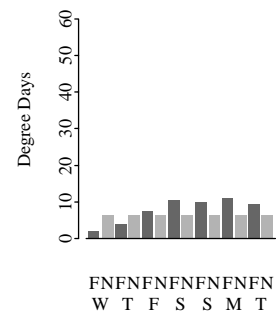
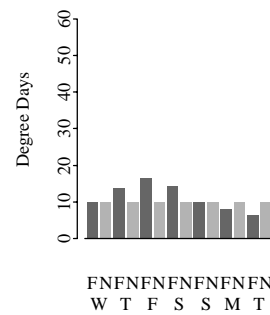
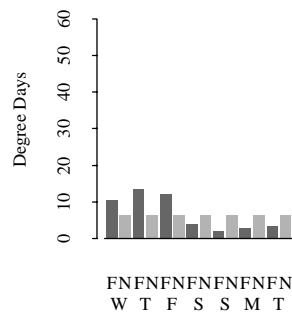
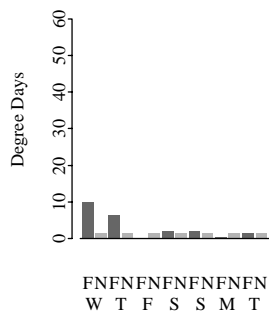


Portland

Boise

Salt Lake City

Denver

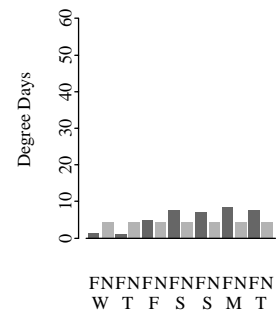
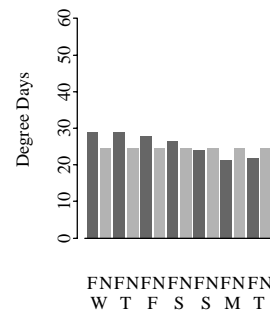
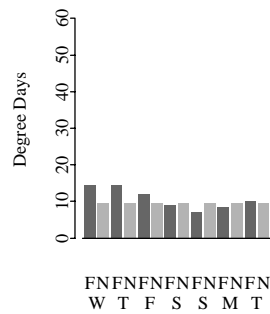
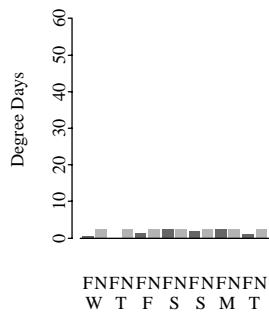


San Francisco

Sacramento

Las Vegas

Colorado Springs

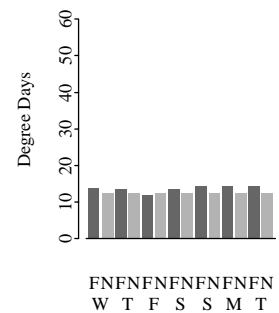
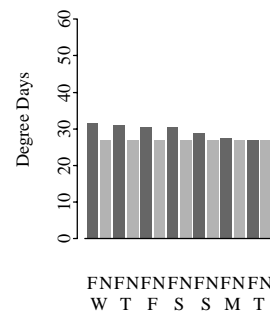
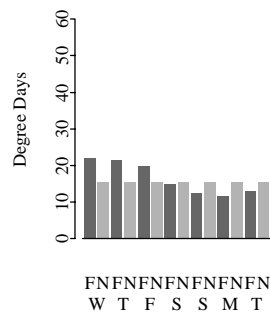
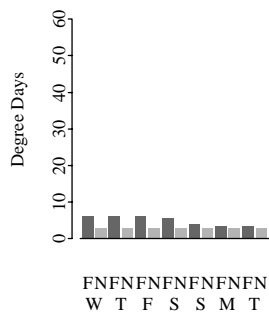


Los Angeles

Fresno

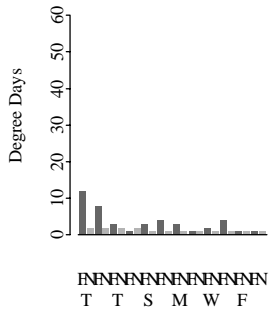
Phoenix

Albuquerque

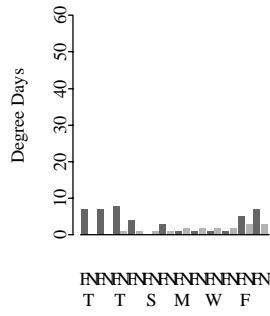


Earth Satellite Forecast & Normal Degree Days: Period Beginning Jun 27

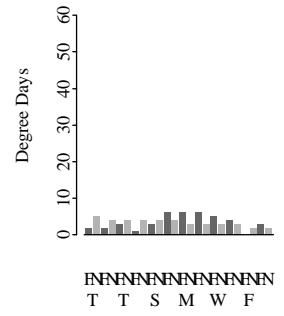
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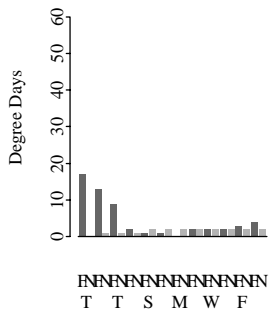
Spokane



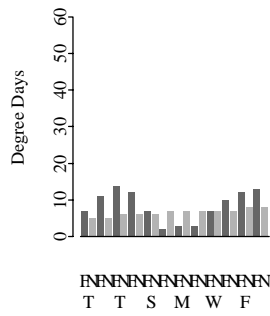
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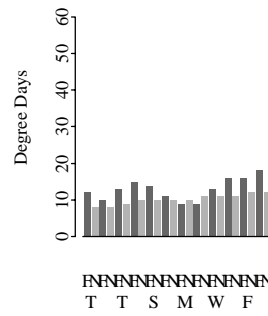
Portland



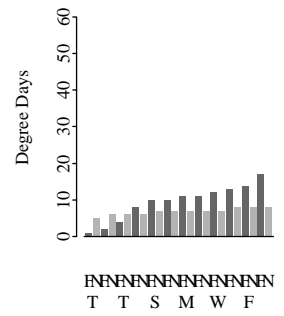
Boise



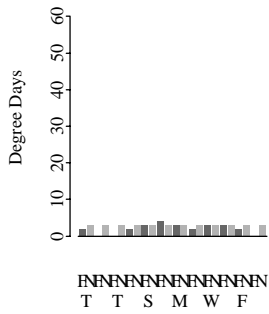
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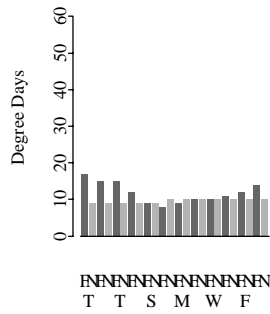
Denver



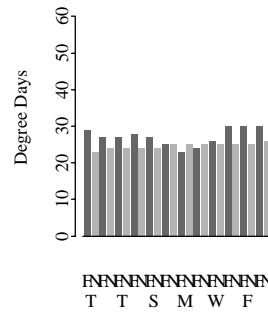
San Francisco



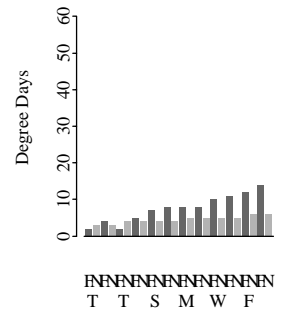
Sacramento



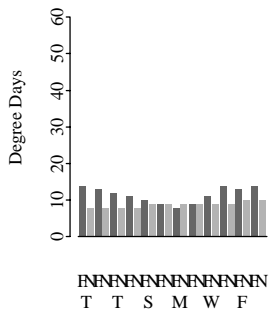
Las Vegas



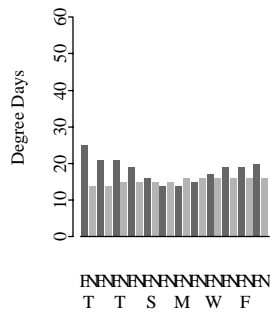
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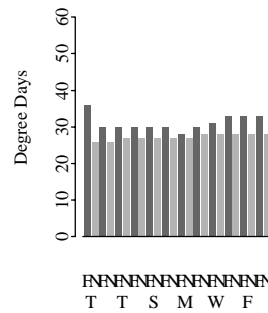
Burbank



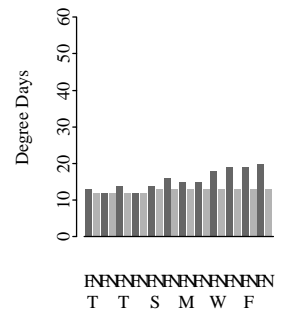
Fresno



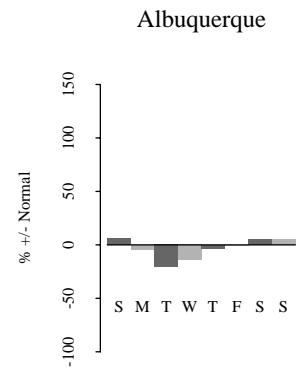
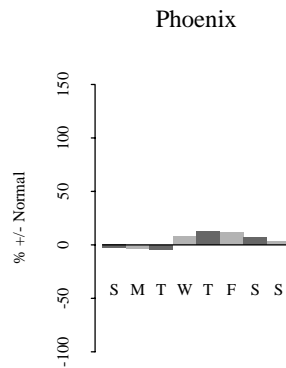
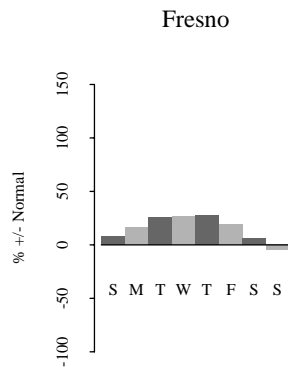
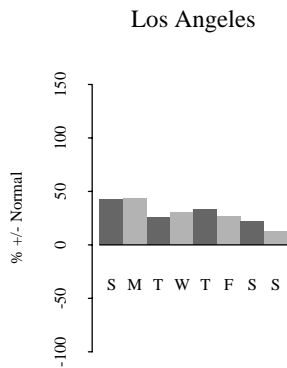
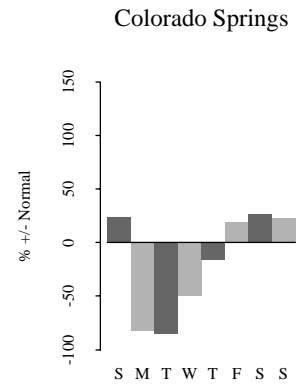
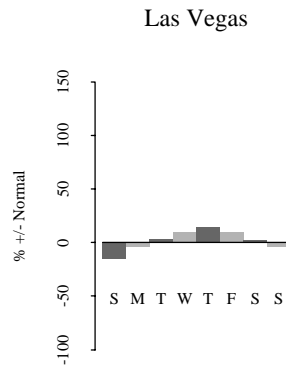
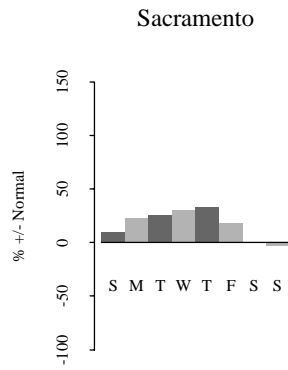
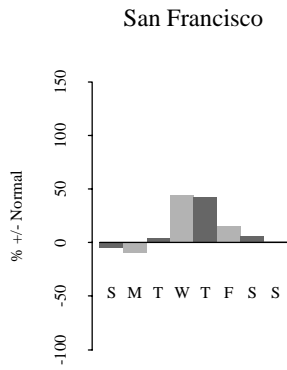
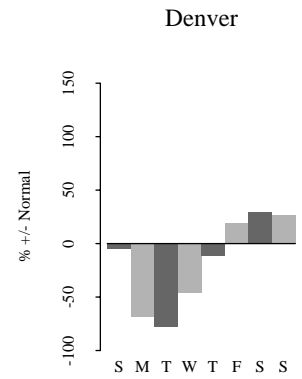
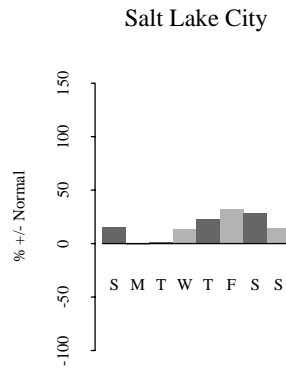
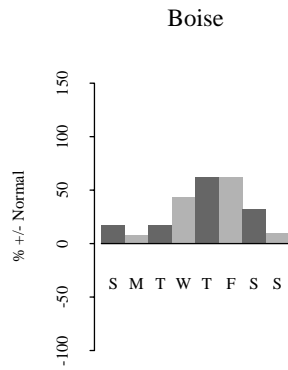
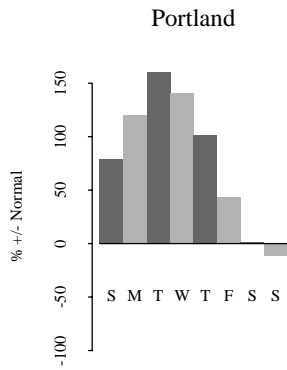
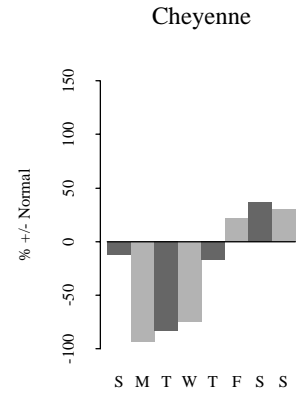
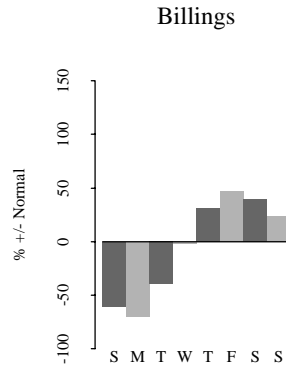
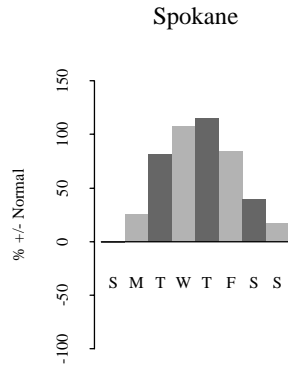
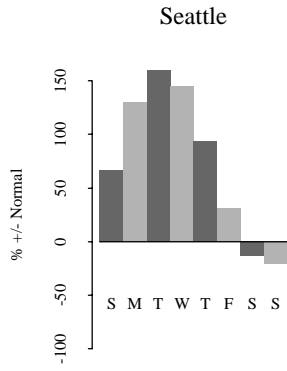
Phoenix



Albuquerque

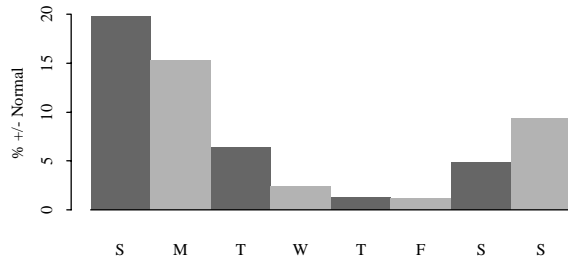


WSCC City Energy Indexes
Period Beginning 06/25/00

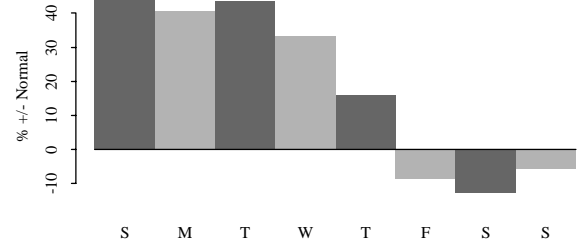


**CNG Regional Energy Indices
For Week Beginning 06/25/00**

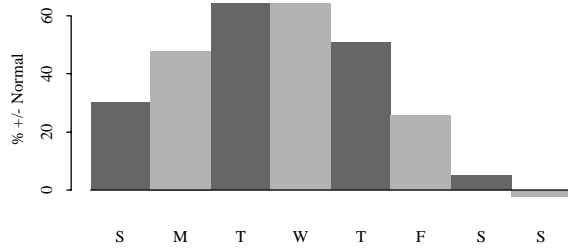
United States



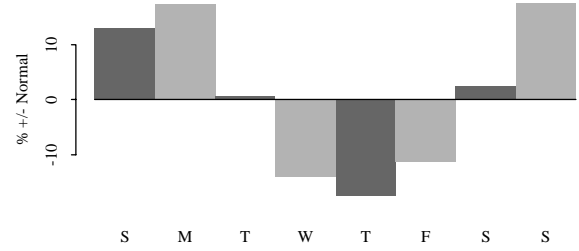
New England



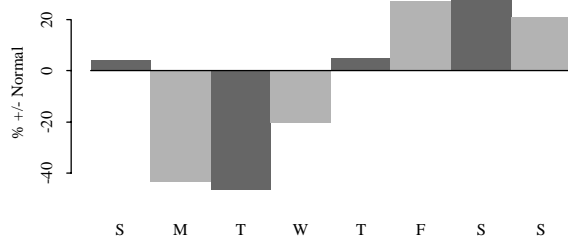
Pacific



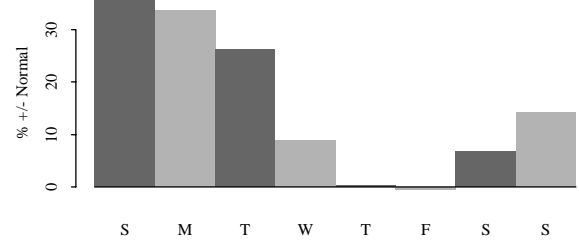
Great Lakes



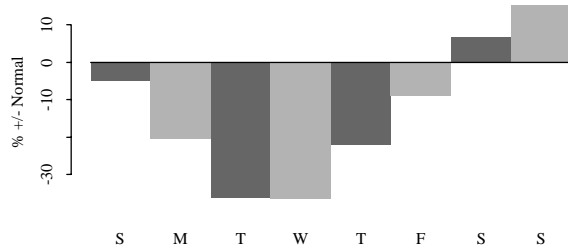
Rocky Mountain



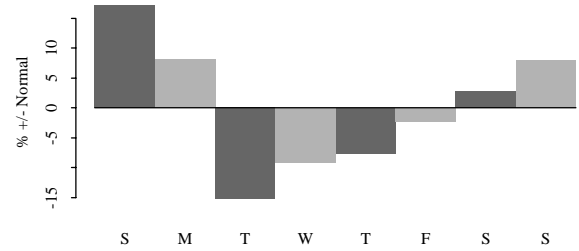
Mid Atlantic



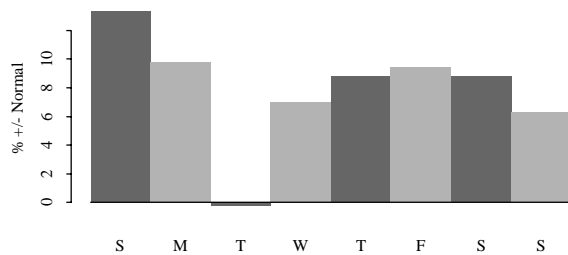
Great Plains



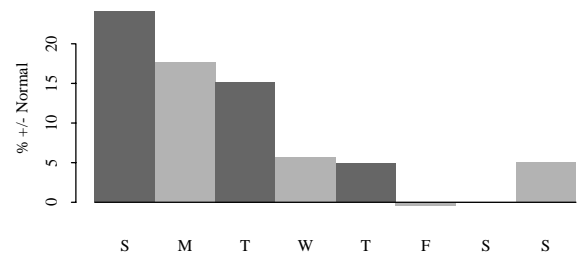
Lower Mississippi



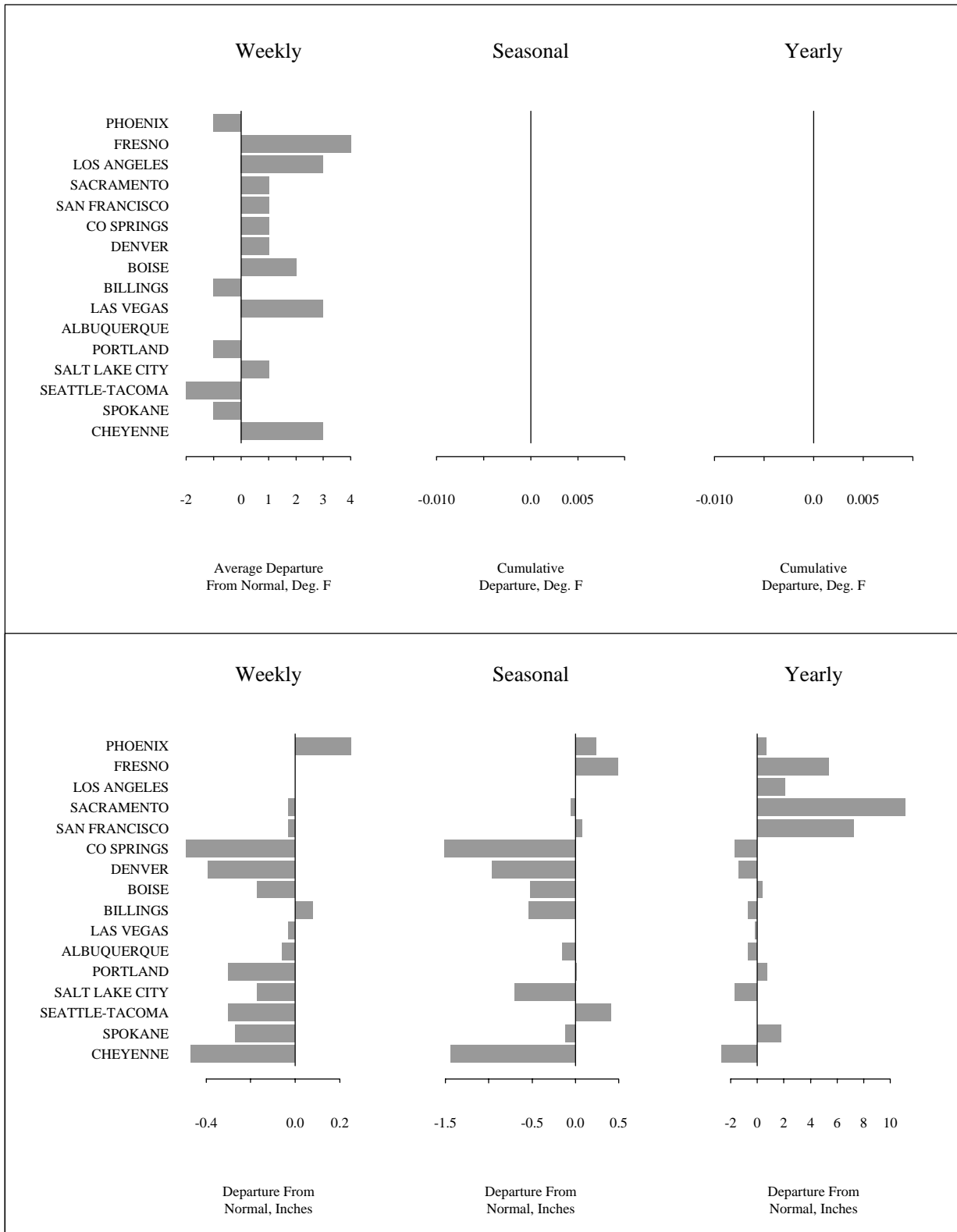
Southwest



South Atlantic



NWS Temperature & Precipitation Summaries for Week Ending 6/25/00



Confidential

HYDROMETEOROLOGICAL DISCUSSION

NORTHWEST RIVER FORECAST CENTER PORTLAND OR
08:00 AM PDT MON JUN 26 2000

HYDROMETEOROLOGICAL CONDITIONS...PAST 24 HOURS...4 AM - 4 AM

SCATTERED LIGHT SHOWERS SHEDDING EAST/SOUTHEASTWARD OFF AN EASTERN PACIFIC HIGH PRESSURE RIDGE MANAGED TO CLIP BASINS FROM SOUTHEASTERN BRITISH COLUMBIA INTO SOME OF OUR NORTHEASTERN TIER CONUS BASINS. OTHERWISE...MOSTLY SUNNY WARM DRY CONDITIONS PREVAILED ACROSS A MAJORITY OF THE REGION.

HYDROLOGIC CONDITIONS...

MOST STREAMS GENERALLY STEADY OR SLOWLY RECEDING.

HYDROMETEOROLOGICAL FORECAST...26 JUN - 30 JUN

LOOK FOR SLOWLY EASTWARD SHIFTING HIGH PRESSURE RIDGING THROUGH THE WEEK TO RESULT IN MOSTLY WARM SUNNY DRY WEATHER. BELOW NORMAL TEMPERATURE DEPARTURES MAY START NOSING INTO WESTSIDE BASINS TOWARD THE END OF THE PERIOD AS A LOW PRESSURE TROUGH DEVELOPS OFFSHORE OUT OF THE GULF OF ALASKA.

HYDROLOGIC FORECAST...

~~STREAMS ARE EXPECTED TO REMAIN FAIRLY STEADY OR SLOWLY RECEDE EXCEPT A FEW BASINS THAT MAY STILL BE EXPERIENCING SOME SLIGHT HIGH ELEVATION HEADWATER SNOWMELT.~~

6-10 DAY OUTLOOK...01 JUL - 05 JUL

UNSETTLED WEATHER SAGGING SLOWLY OUT OF THE GULF AND GRADUALLY SHIFTING EAST/NORTHEASTWARD ACROSS THE REGION IS PRESENTLY FORECAST TO RESULT IN OCCASIONAL SHOWERS AND MOSTLY BELOW NORMAL TEMPERATURES. SOUTHEASTERN IDAHO WILL CHARACTERISTICALLY REMAIN THE LEAST AFFECTED BY THIS WEATHER PATTERN ...WITH MOSTLY DRY AND WARMER CONDITIONS THAN LOCATIONS ELSEWHERE IN OUR FORECAST AREA.

SEASONAL
WATER SUPPLY FORECASTS
ISSUED BY
NATIONAL WEATHER SERVICE
NORTHWEST RIVER FORECAST CENTER
PORTLAND OREGON

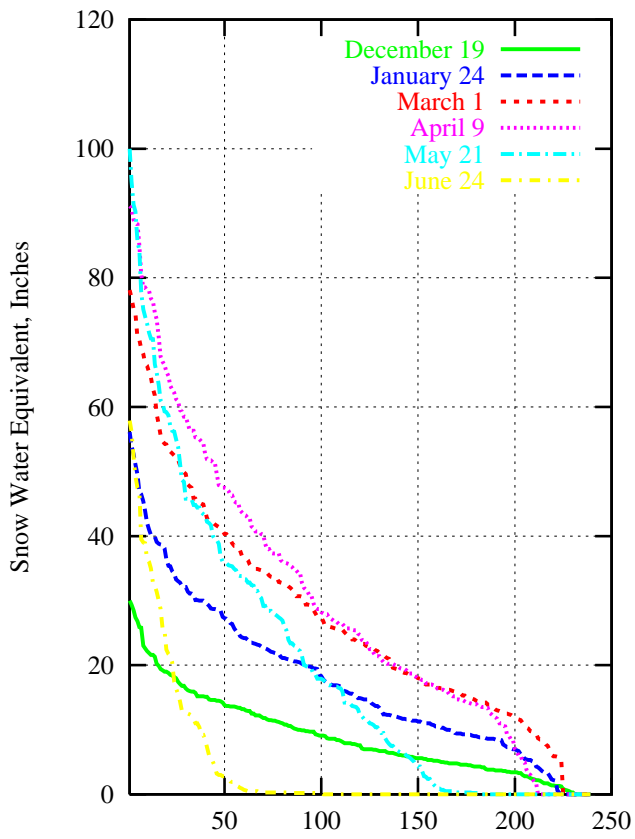
JUN-00MIDMN 1 WATER SUPPLY FORECASTS
OBS PREC THRU 12TH; NORMAL PREC REST OF WAY

STREAM AND STATION	PERIOD	FORECAST	%	AVERAGE
COLUMBIA RIVER				
MICA RESERVOIR INFLOW, BC	FEB-SEP	13500.0	103	13170.
	APR-SEP	12900.0	101	12730.
ARROW LAKES INFLOW	FEB-SEP	27900.0	104	26800.
	APR-SEP	26500.0	104	25540.
BIRCHBANK, BC (1)	APR-SEP	45700.0	104	43800.
GRAND COULEE, WA (1)	JAN-JUL	64800.0	102	63280.
	APR-SEP	66600.0	103	64850.
ROCK ISLAND DAM BLO, WA (1)	APR-SEP	72600.0	103	70480.
THE DALLES NR, OR (1)	APR-SEP	95100.0	96	98980.
	JAN-JUL	102000.0	96	105900.
	APR-AUG	89600.0	96	93250.
KOOTENAI RIVER				
LIBBY RES INFLOW, MT (1)	APR-SEP	7150.0	106	6772.
KOOTENAY RIVER				
KOOTENAY LAKE INFLOW, BC	APR-SEP	17200.0	103	16650.
DUNCAN RIVER				
DUNCAN RESERVOIR INFLOW, BC	FEB-SEP	2300.0	99	2319.
	APR-SEP	2210.0	99	2238.
CLARK FORK				
ST. REGIS, MT (1)	APR-SEP	3030.0	74	4095.
PEND OREILLE RIVER				
PEND OREILLE LAKE IN, ID (1)	APR-SEP	12700.0	88	14370.
S.F. FLATHEAD RIVER				
HUNGRY HORSE RES IN, MT (1)	APR-SEP	2130.0	98	2184.
FLATHEAD RIVER				
FLATHEAD LAKE INFLOW, MT (1)	APR-SEP	6500.0	94	6926.
COEUR D'ALENE RIVER				
COEUR D'ALENE LAKE IN, ID	APR-SEP	2870.0	106	2720.
SIMILKAMEEN RIVER				
NIGHTHAWK NR, WA (1)	APR-JUL	1150.0	88	1304.
OKANAGAN RIVER				
TONASKET NR, WA (1)	APR-SEP	1490.0	92	1623.
CHELAN RIVER				
LAKE CHELAN INFLOW, WA (1)	APR-SEP	1140.0	98	1160.
WENATCHEE RIVER				
PESHASTIN, WA	APR-SEP	1620.0	99	1636.
YAKIMA RIVER				
PARKER NR, WA	APR-SEP	1940.0	97	1994.
SKAGIT RIVER				
CONCRETE NR, WA	APR-SEP	6600.0	101	6525.
COWLITZ RIVER				
MAYFIELD RES INFLOW, WA	APR-SEP	2080.0	106	1971.
	APR-JUL	1830.0	106	1731.
CASTLE ROCK, WA	APR-SEP	2720.0	102	2668.
SNAKE RIVER				
JACKSON LAKE INFLOW, WY (1)	APR-JUL	740.0	95	781.
PALISADES RES INFLOW, ID (1)	APR-JUL	2700.0	84	3226.
HEISE NR, ID	APR-JUL	2900.0	84	3451.
WEISER, ID (1)	APR-JUL	3480.0	64	5465.
BROWNLEE RES INFLOW	APR-JUL	3850.0	66	5794.
LOWER GRANITE RES IN, WA (1)	JAN-JUL	25800.0	87	29740.
	APR-JUL	18400.0	85	21650.

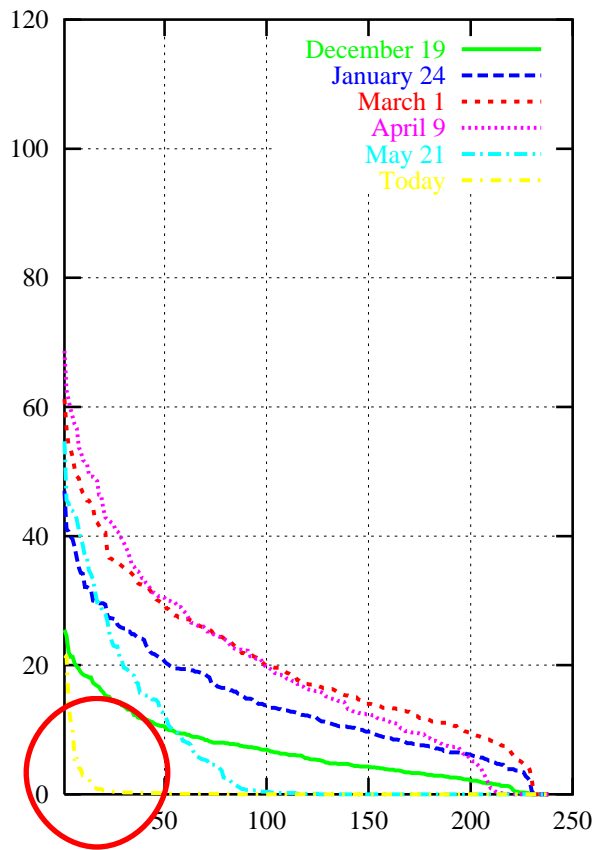
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Columbia River Basin: Sorted Snow Measurements (SWE inches)

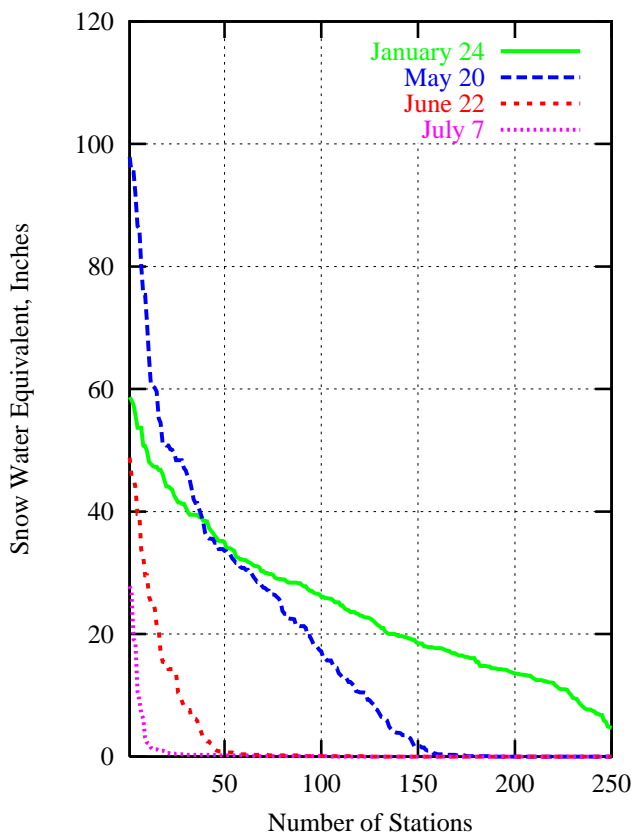
1998-99 Historical Data



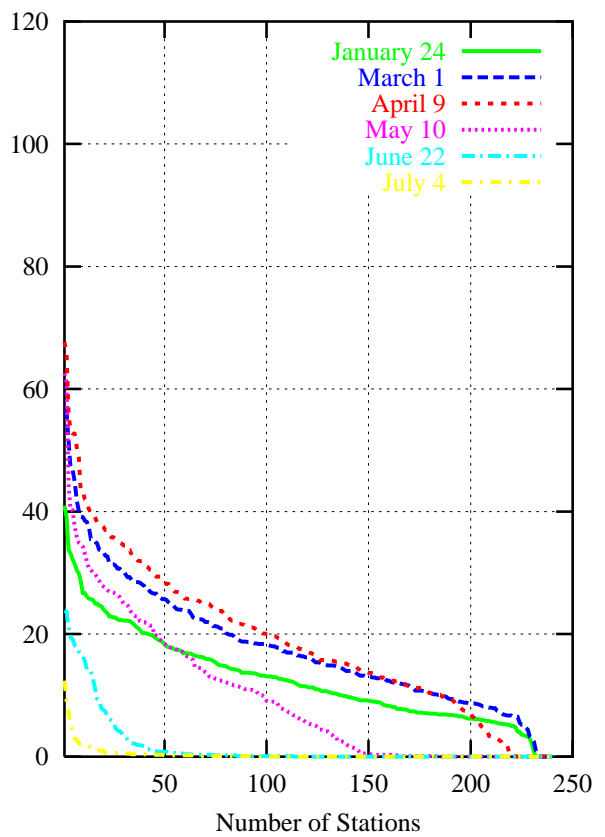
1999-00 Historical Data



1996-97 Historical Data

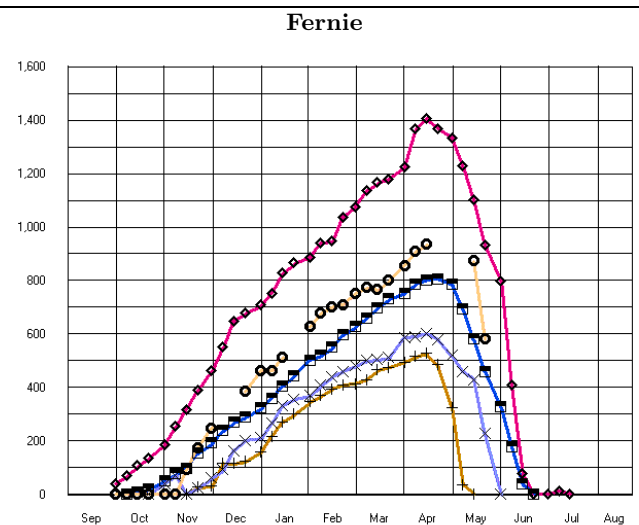
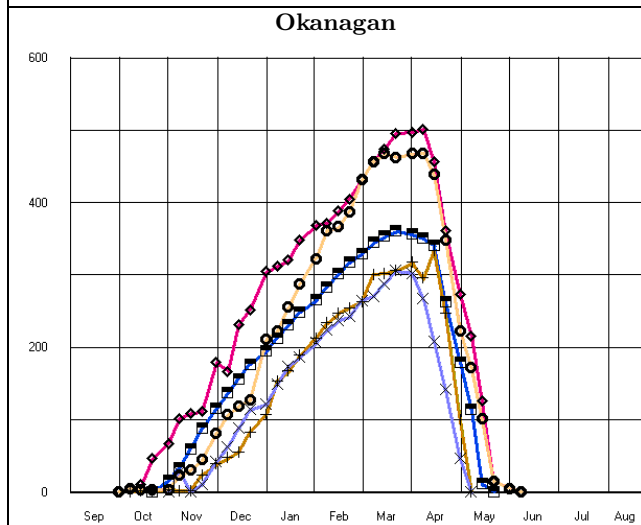
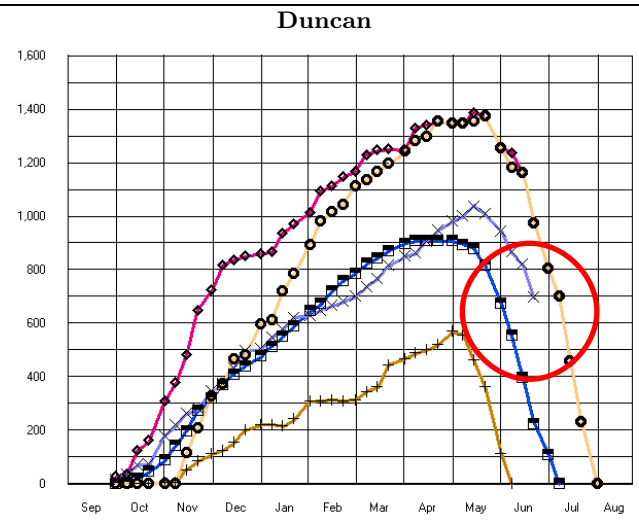
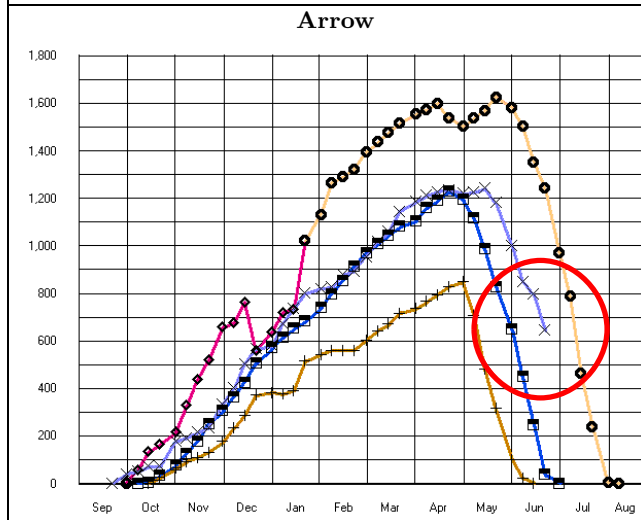
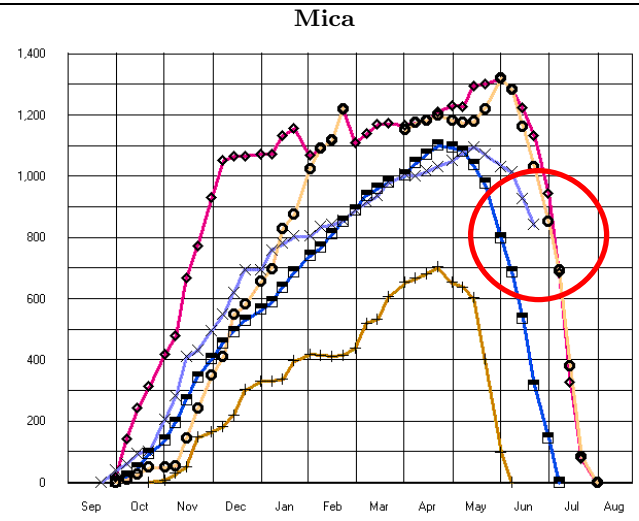
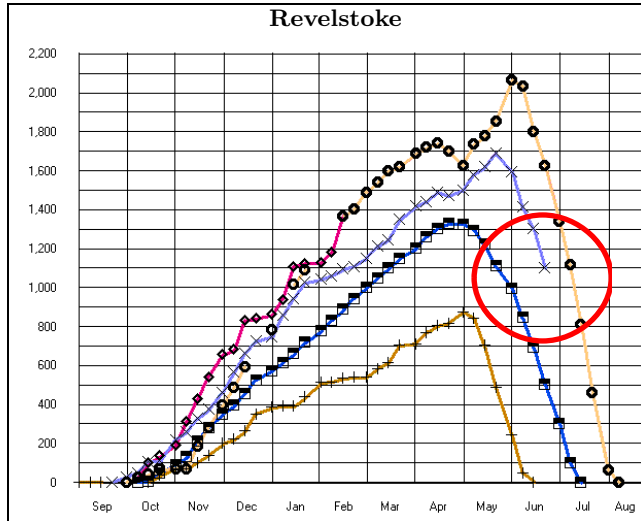


1997-98 Historical Data



June 27, 2000

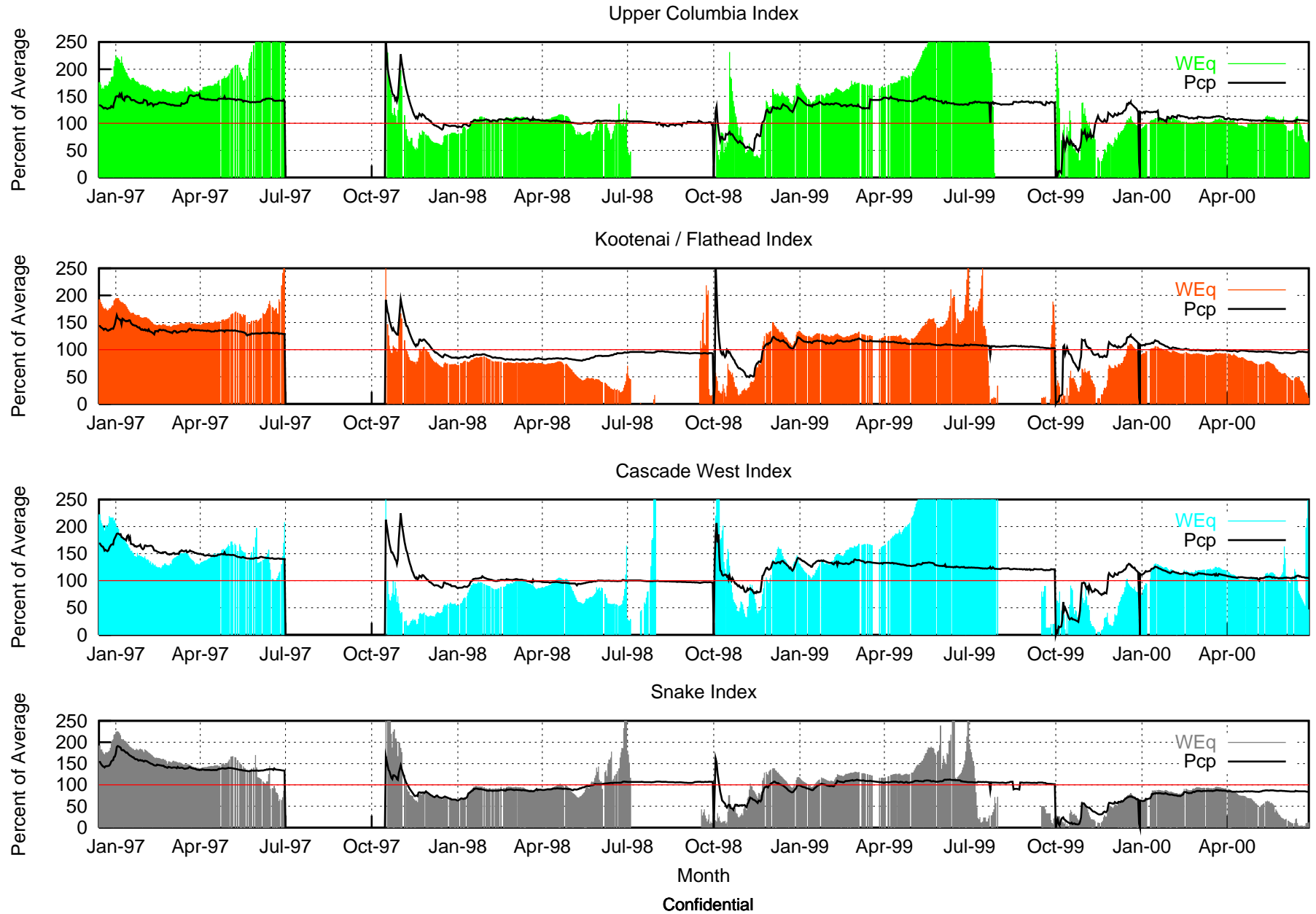
British Columbia Snow Depth (SWE mm)



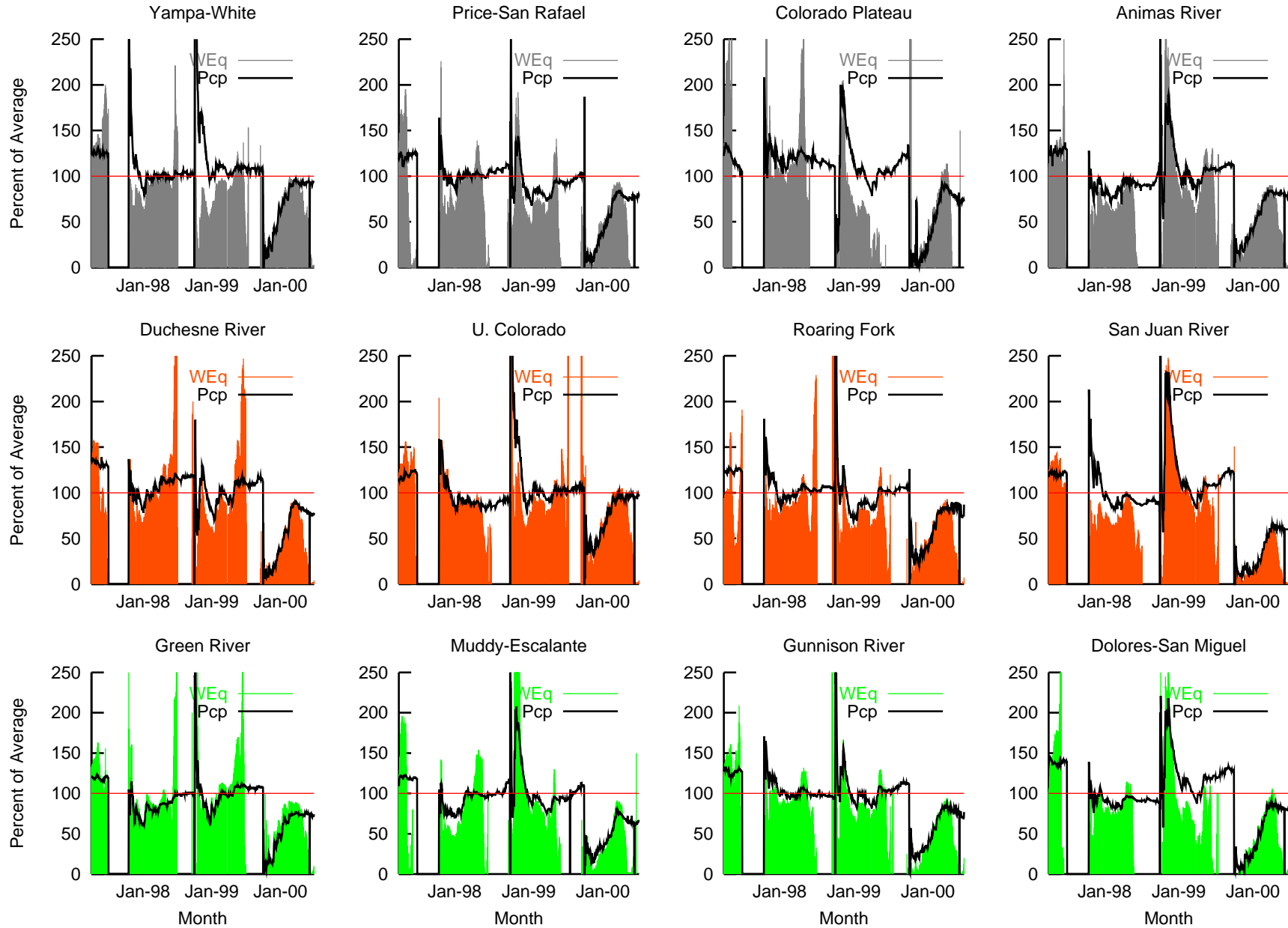
◆ Maximum
■ Normal
+ Minimum
× Current
● Previous

◆ Maximum
■ Normal
+ Minimum
× Current
● Previous

Pacific Northwest Snow Summary
January, 1997 - Present

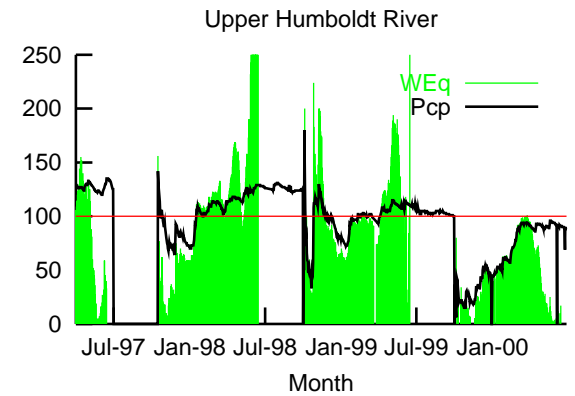
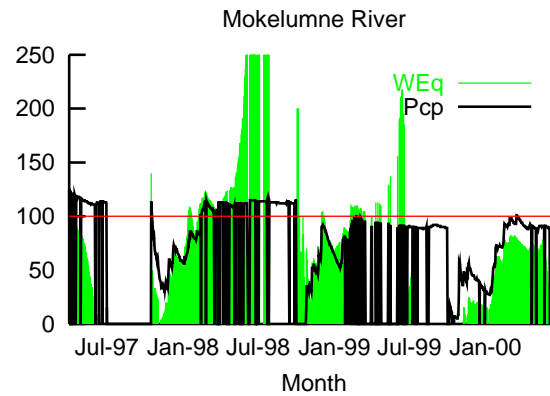
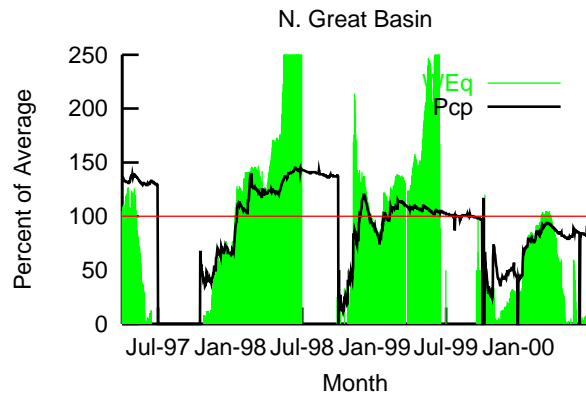
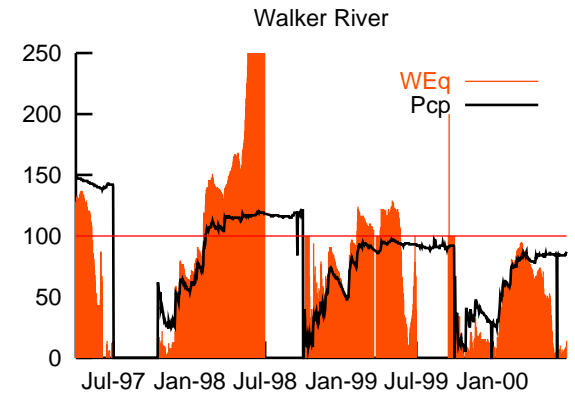
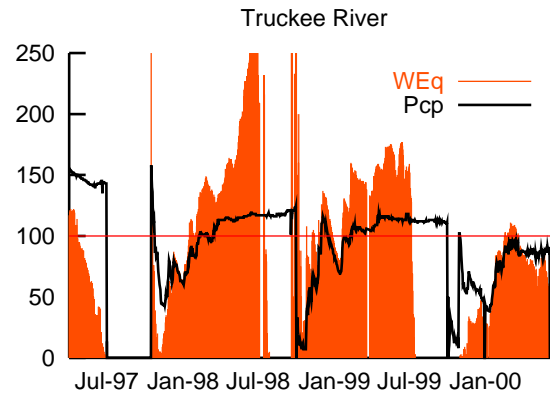
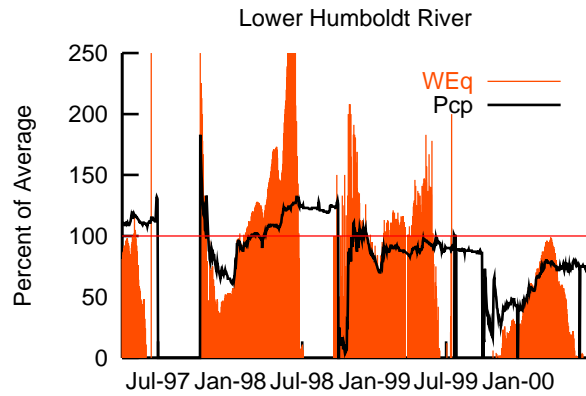
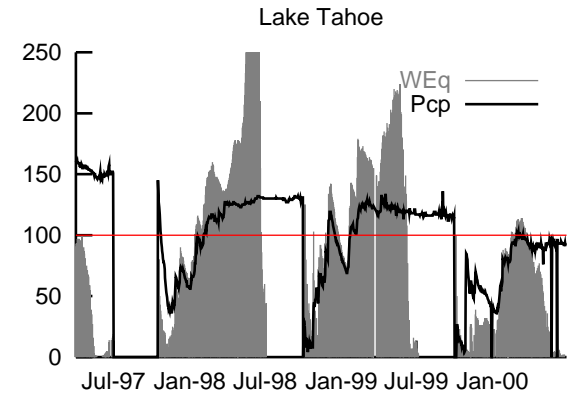
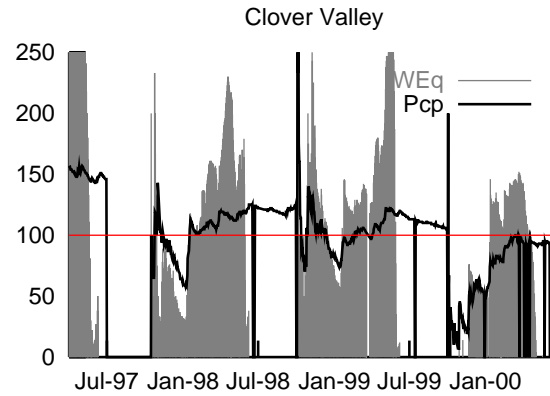
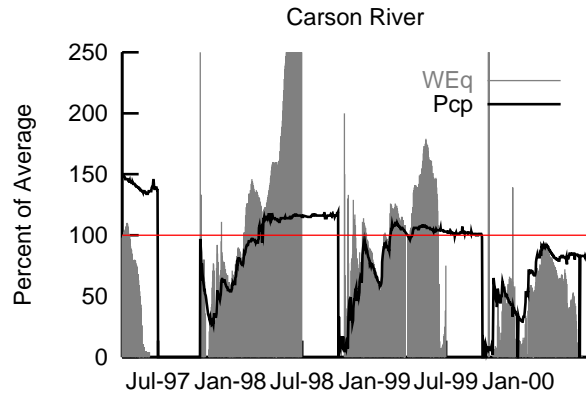


Colorado River Basin Snow Summary April, 1997 - Present



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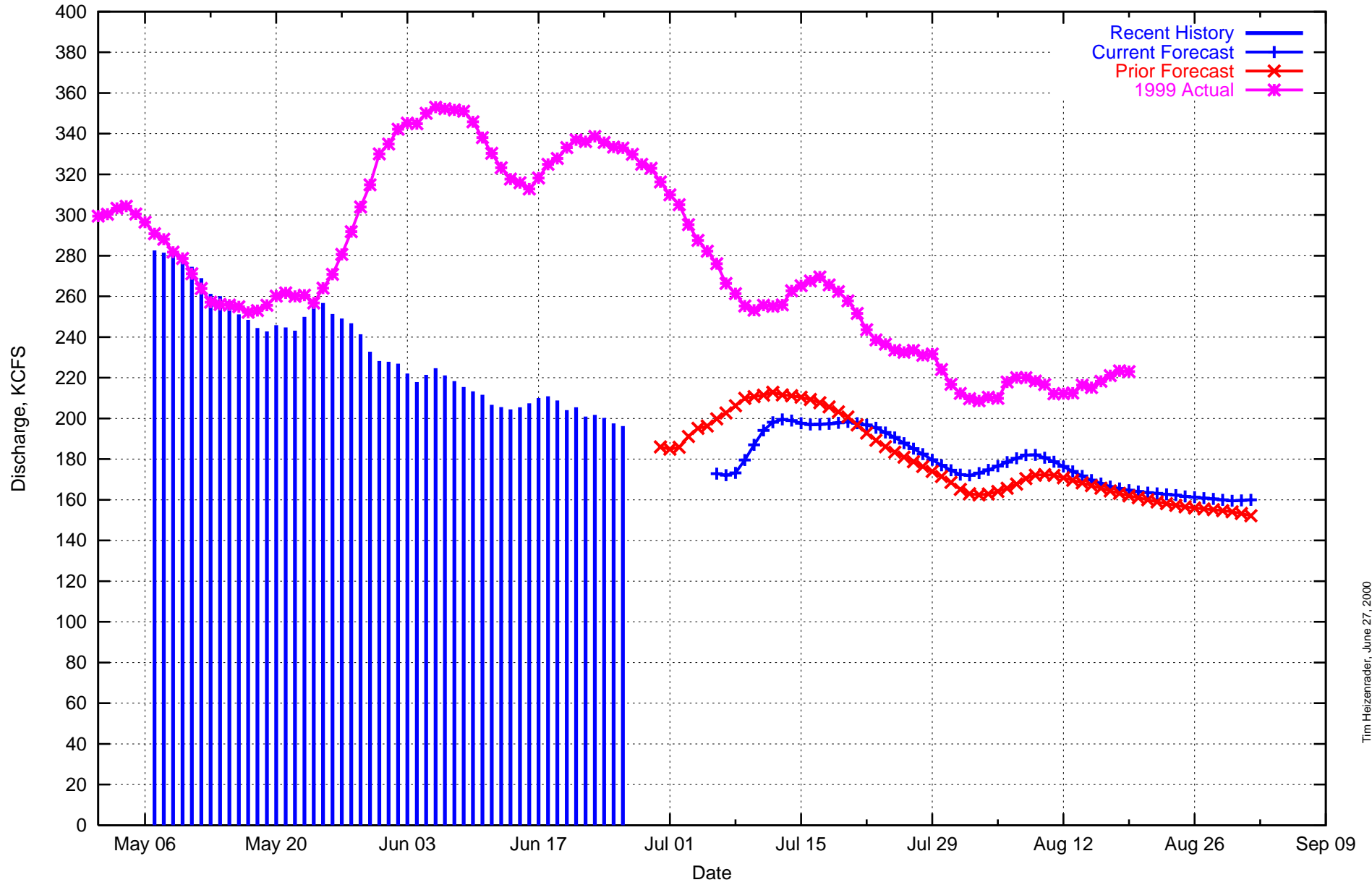
California / Nevada Snow Summary
April, 1997 - Present



Confidential

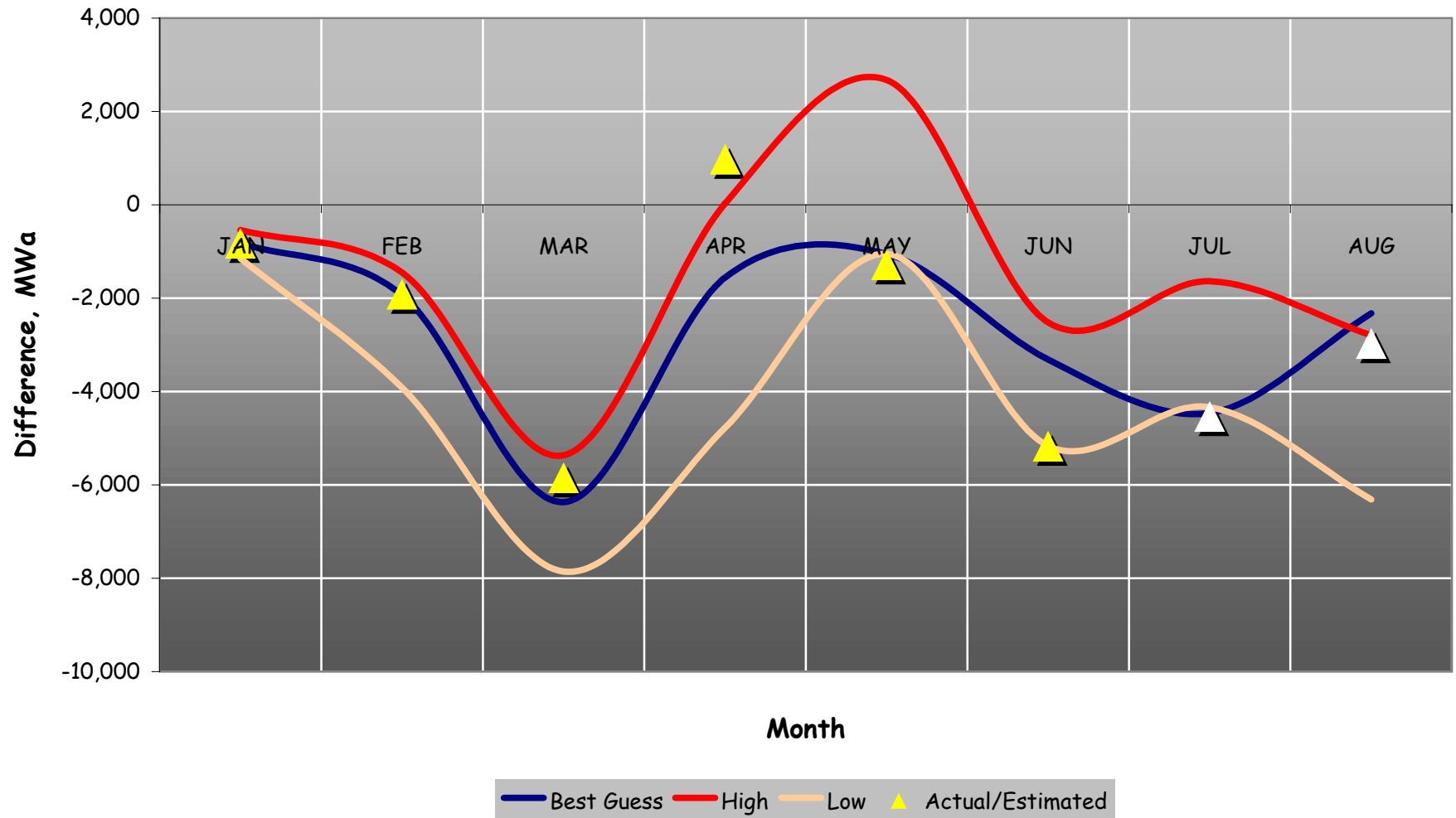
June 27, 2000

McNary Discharge
History & Forecasts: 7 Day Moving Averages

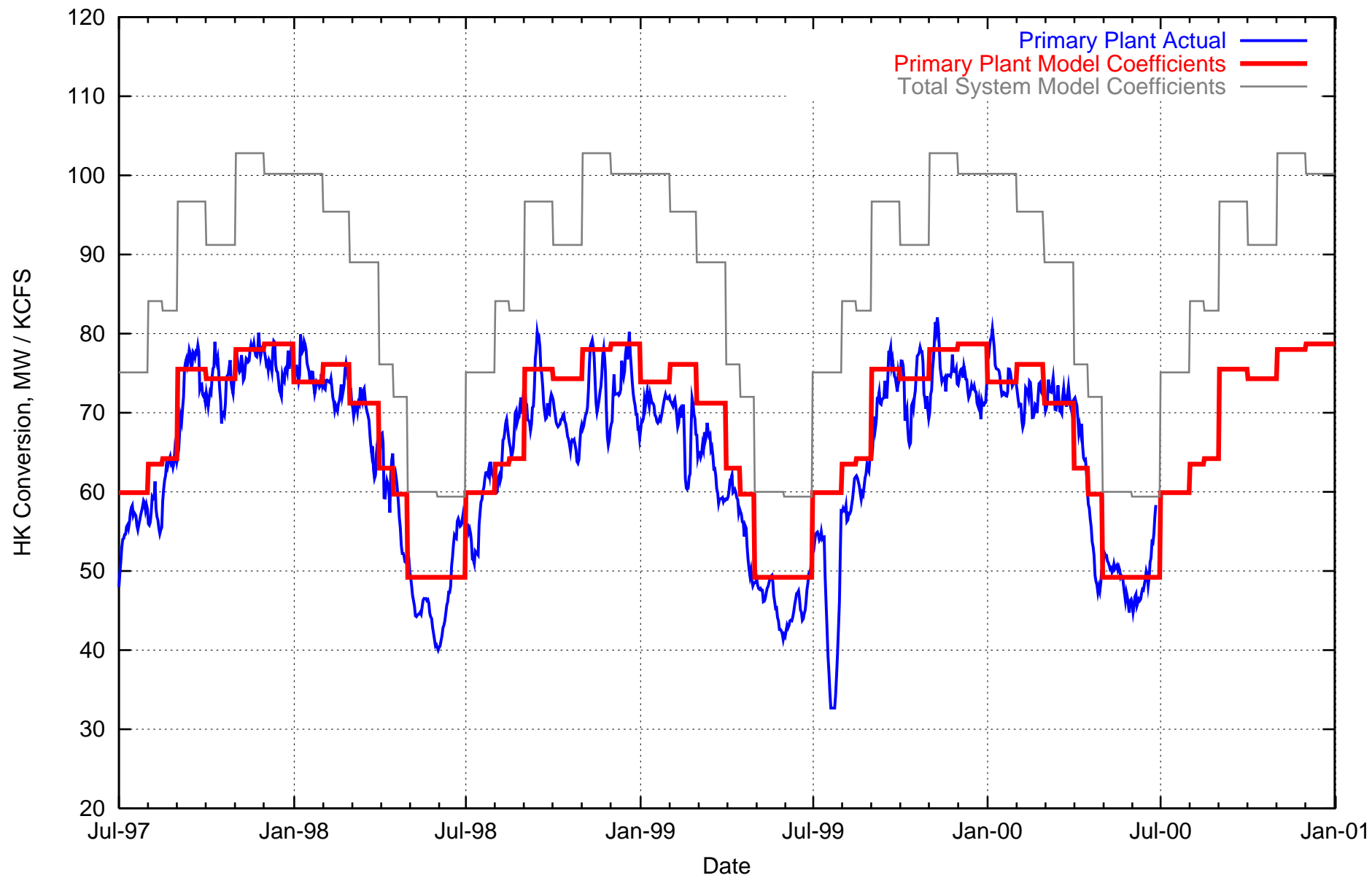


PNW Hydro Production Relative to 1999

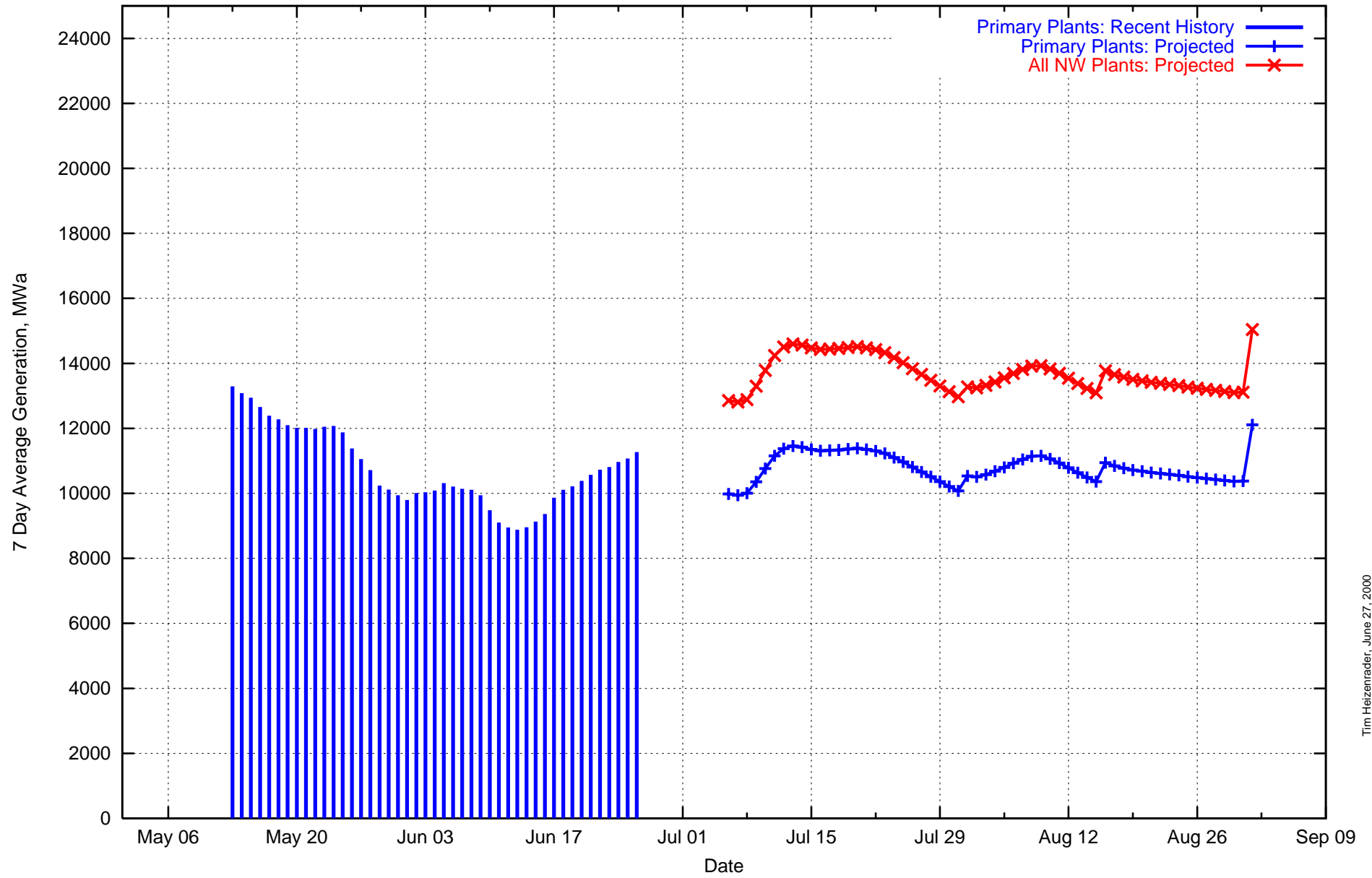
Look Back at Feb 1 Forecasts

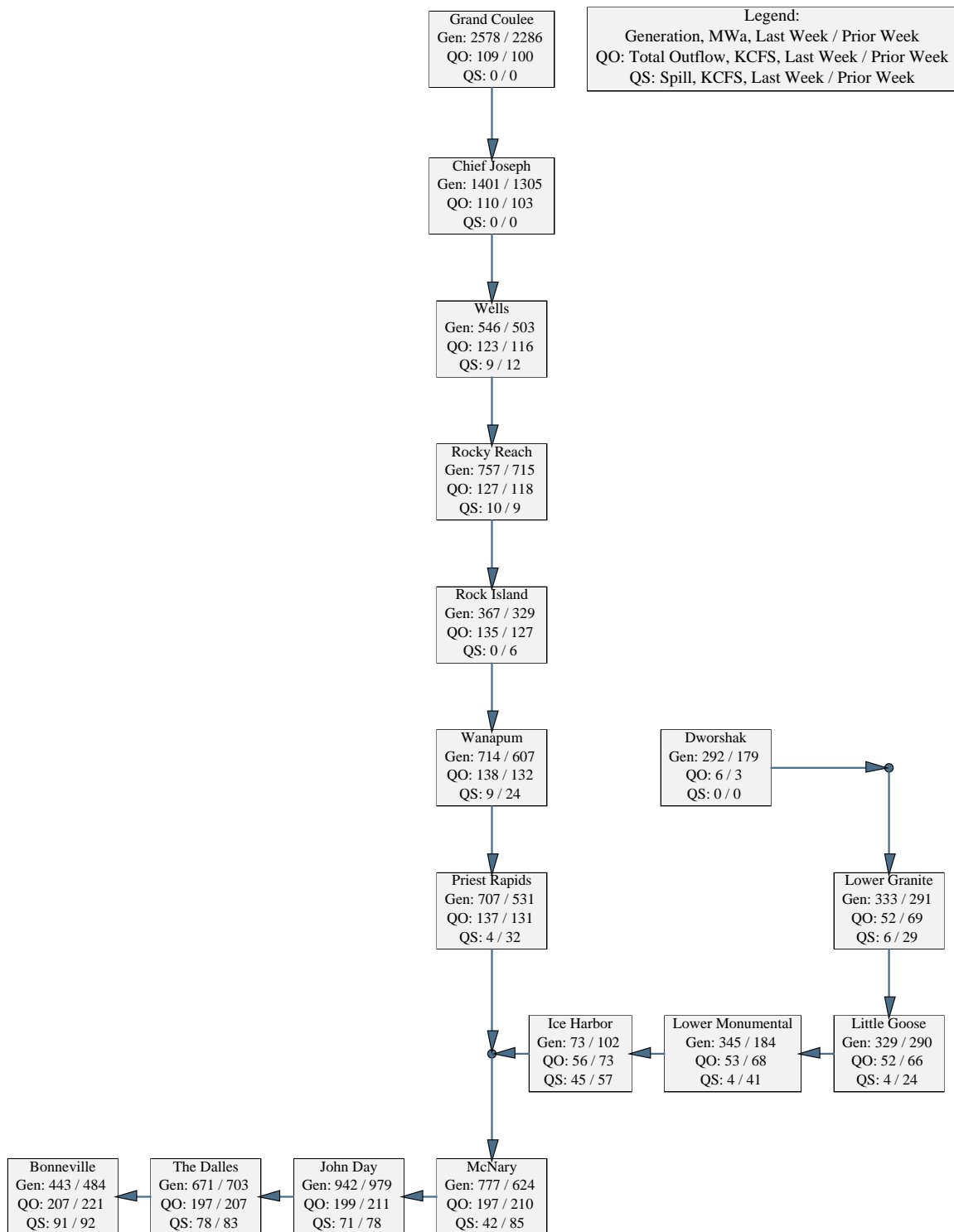


McNary Discharge vs. Primary Plant Generation
7 Day Moving Averages



Northwest Hydro Production
Recent History & Current Forecasts

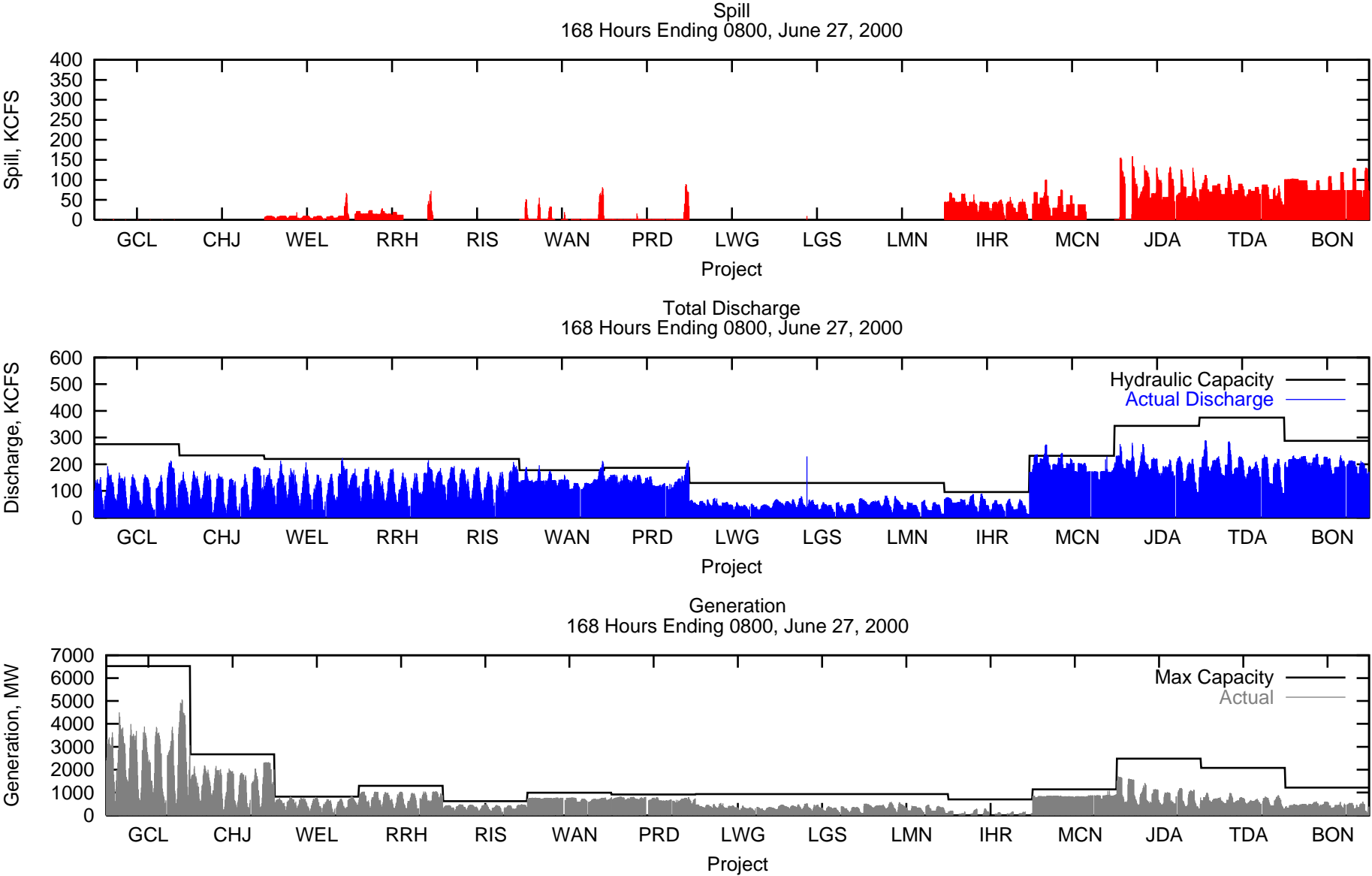




Columbia River and Snake River
 Hydroelectric Plant Operations
 7 Day Averages
 June 27, 2000

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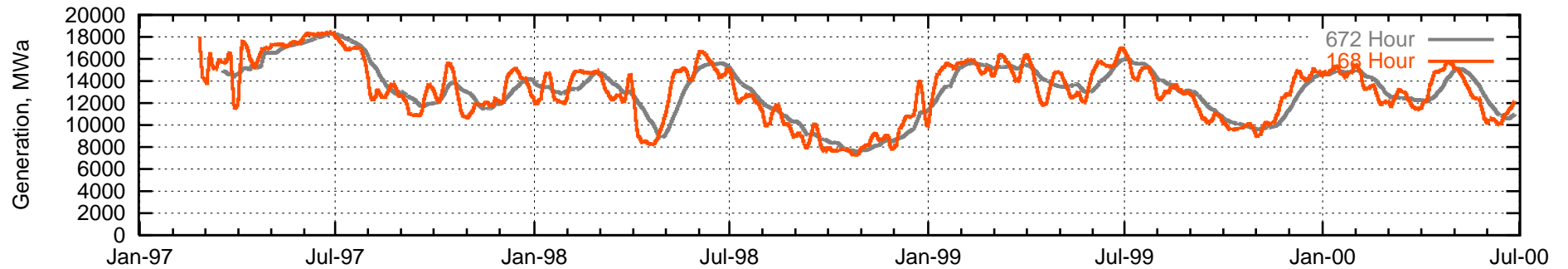
Columbia & Lower Snake River Hourly Operations



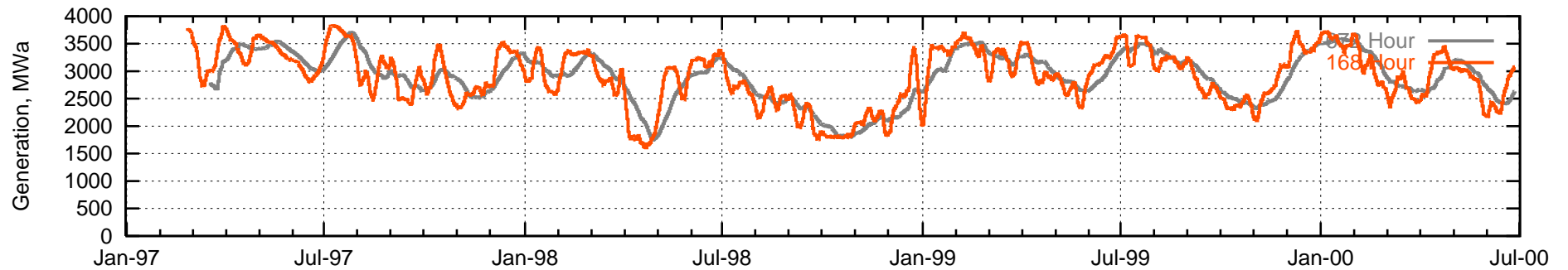
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Hourly Moving Average Hydro Generation 1997 - Present

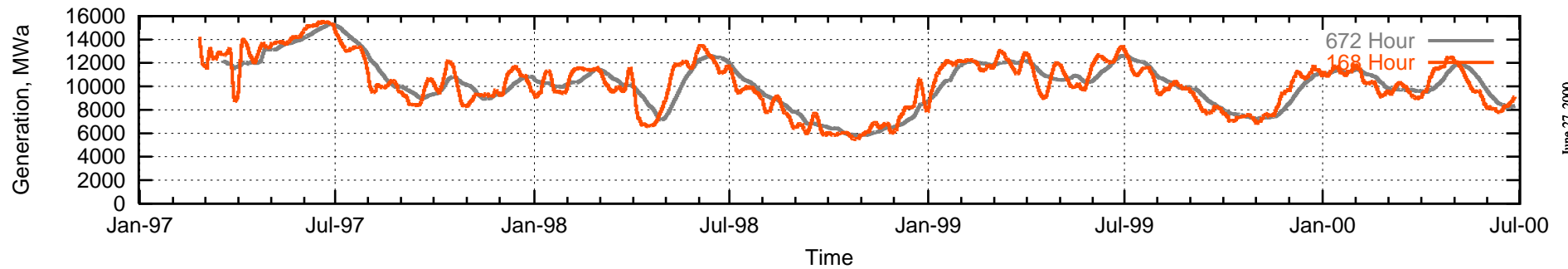
All Snake, Columbia, Willamette Projects



Non-Federal Mid-Columbia Projects



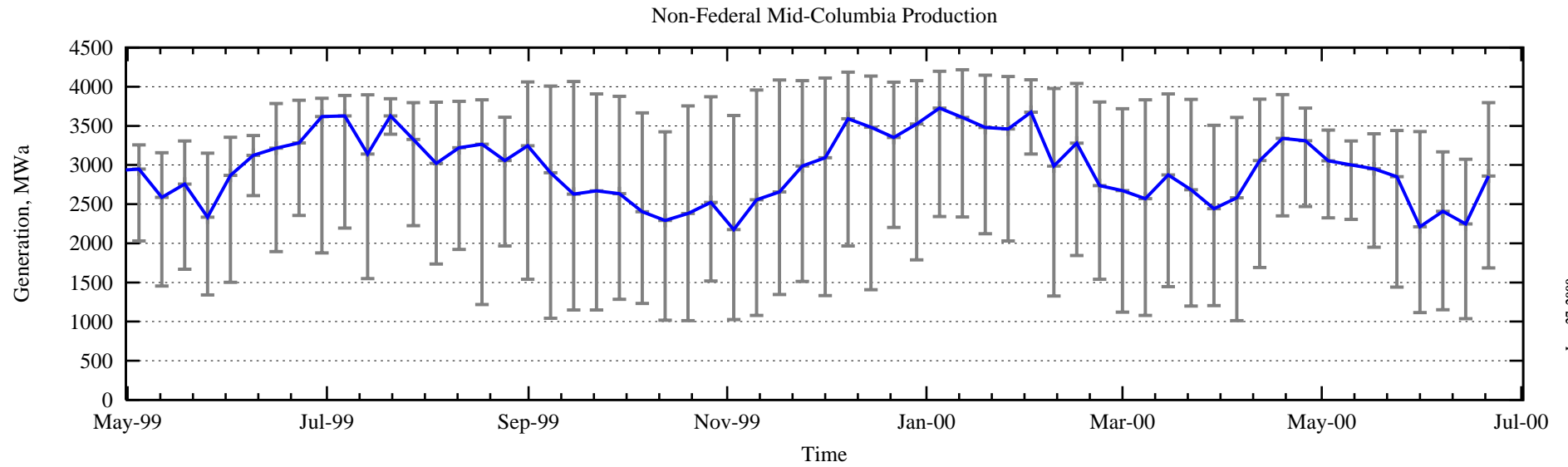
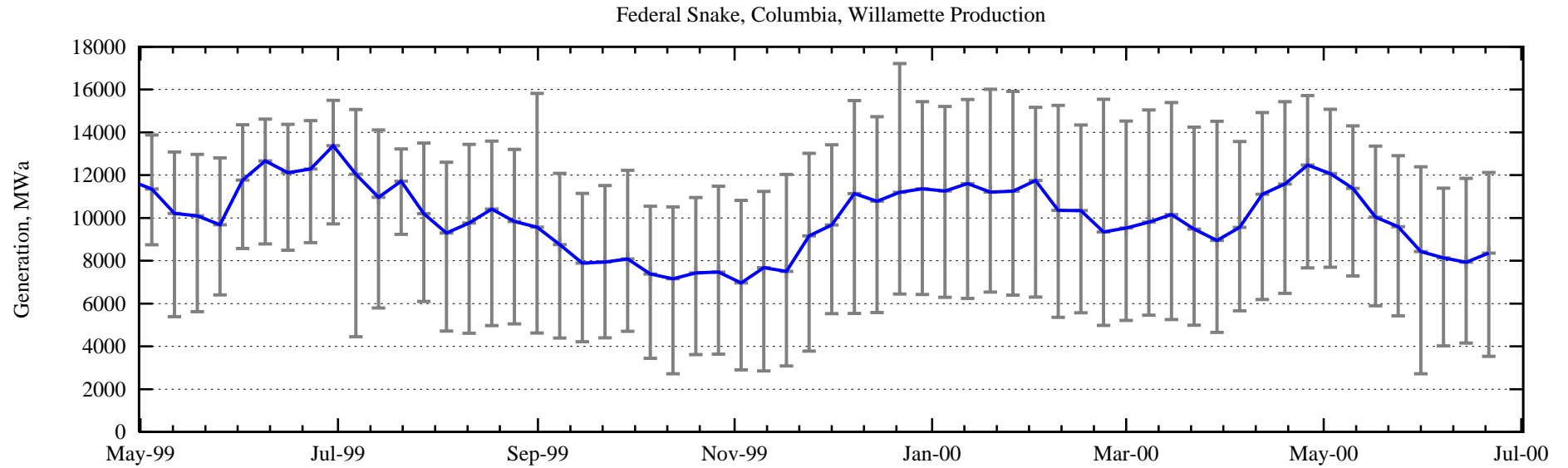
Federal Snake, Columbia, Willamette Projects



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June 27, 2000

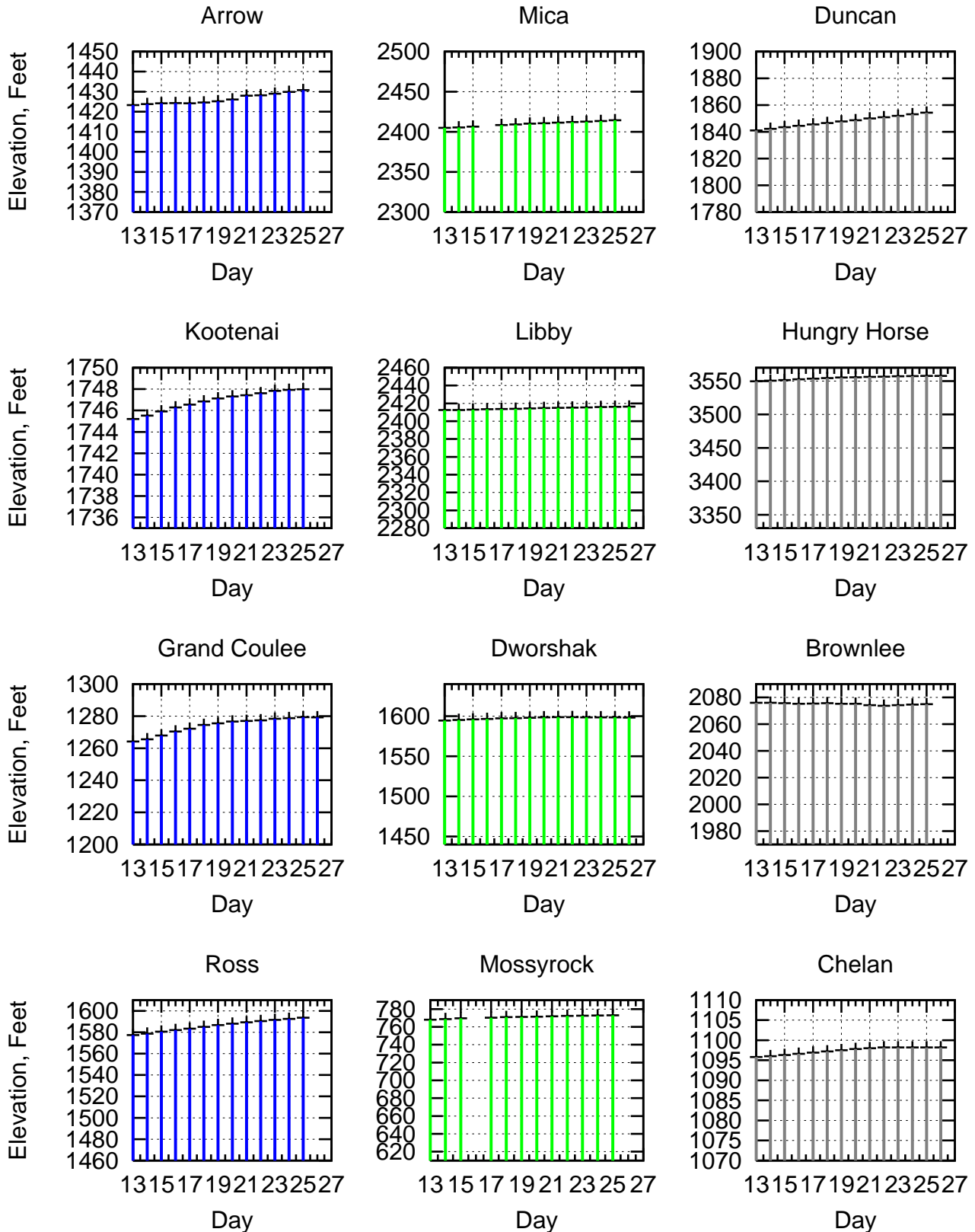
Weekly High / Low / Average Hydro Generation
Last 13 Months



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June 27, 2000

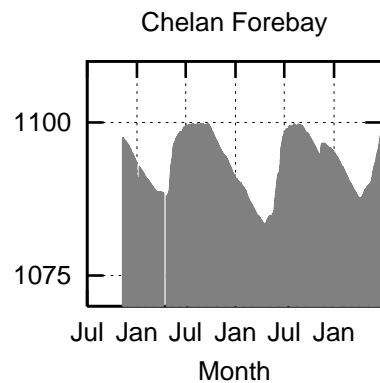
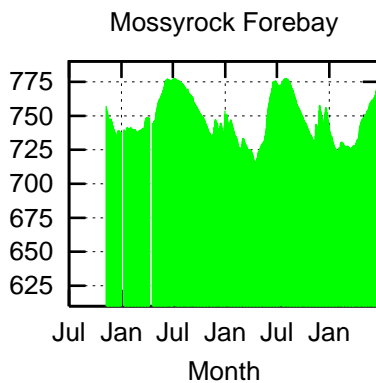
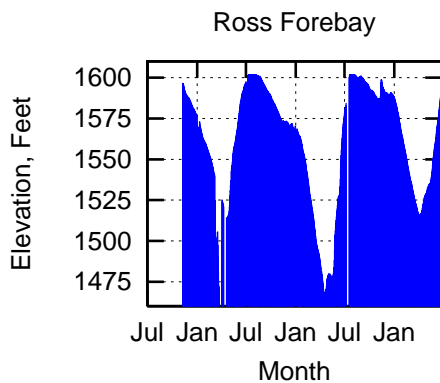
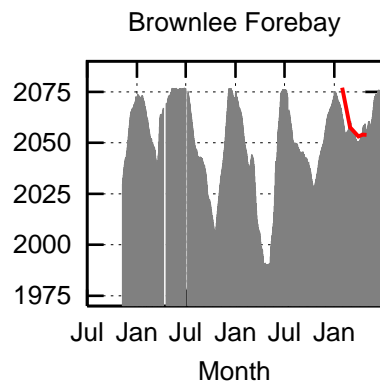
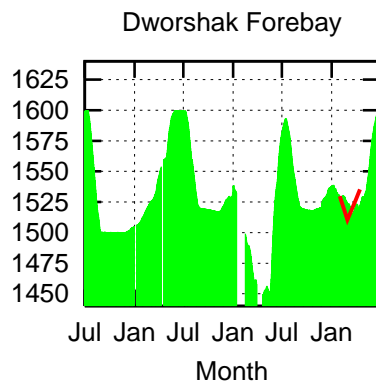
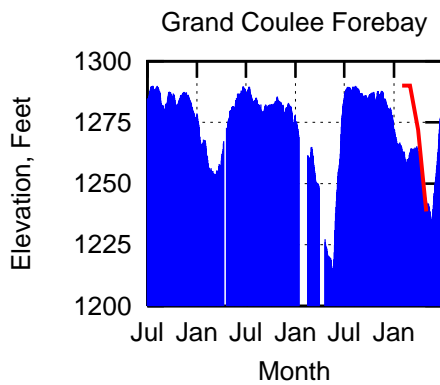
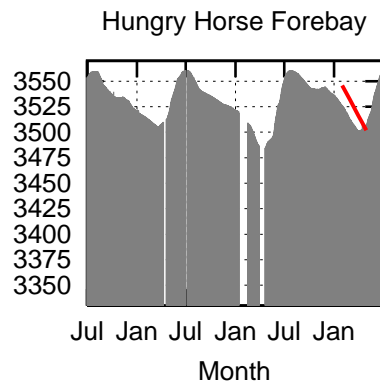
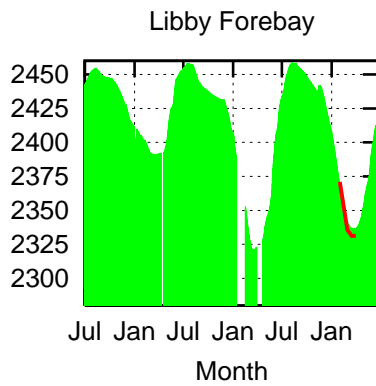
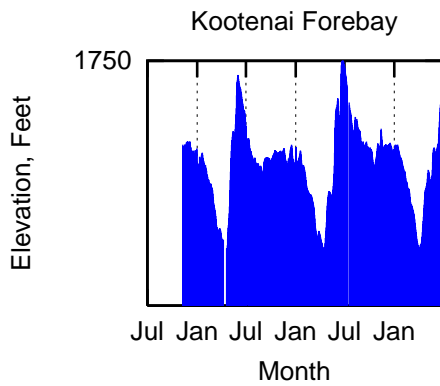
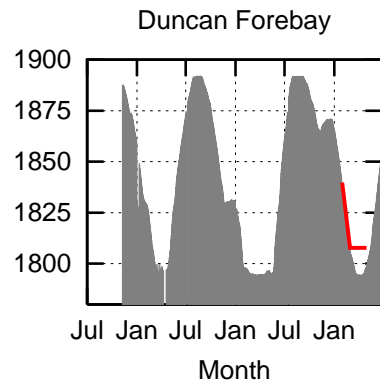
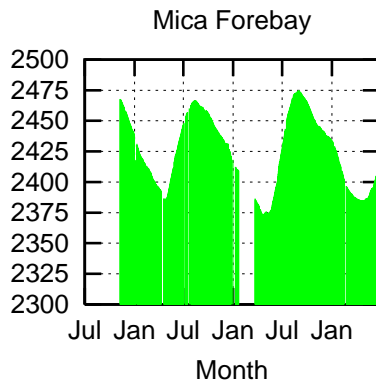
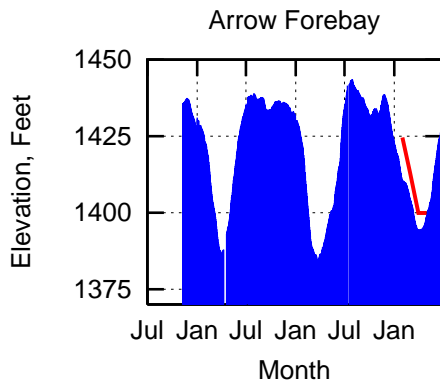
Daily Reservoir Elevation Summary



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June 27, 2000

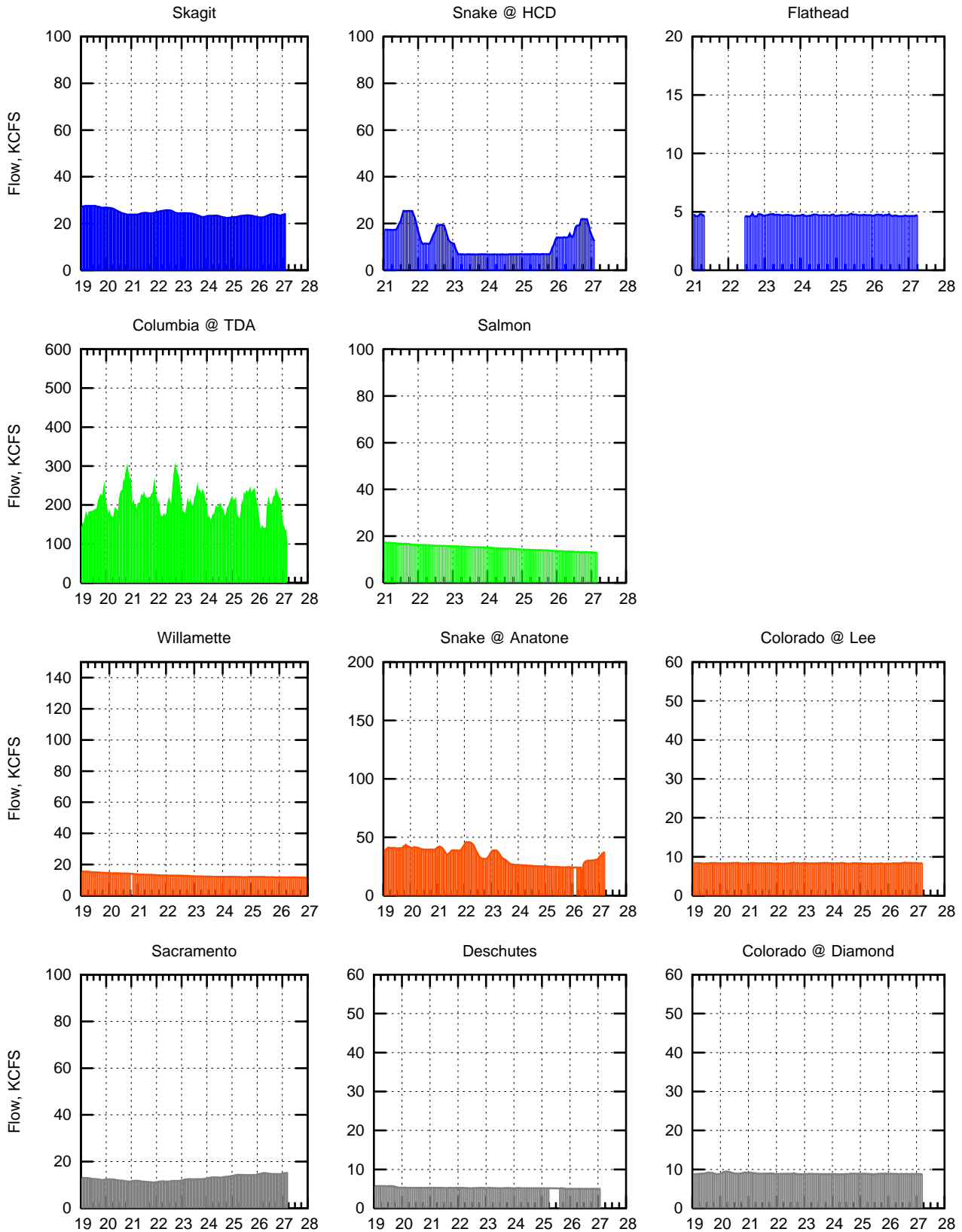
**Daily Reservoir Summary
July, 1997 - Present**



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June 27, 2000

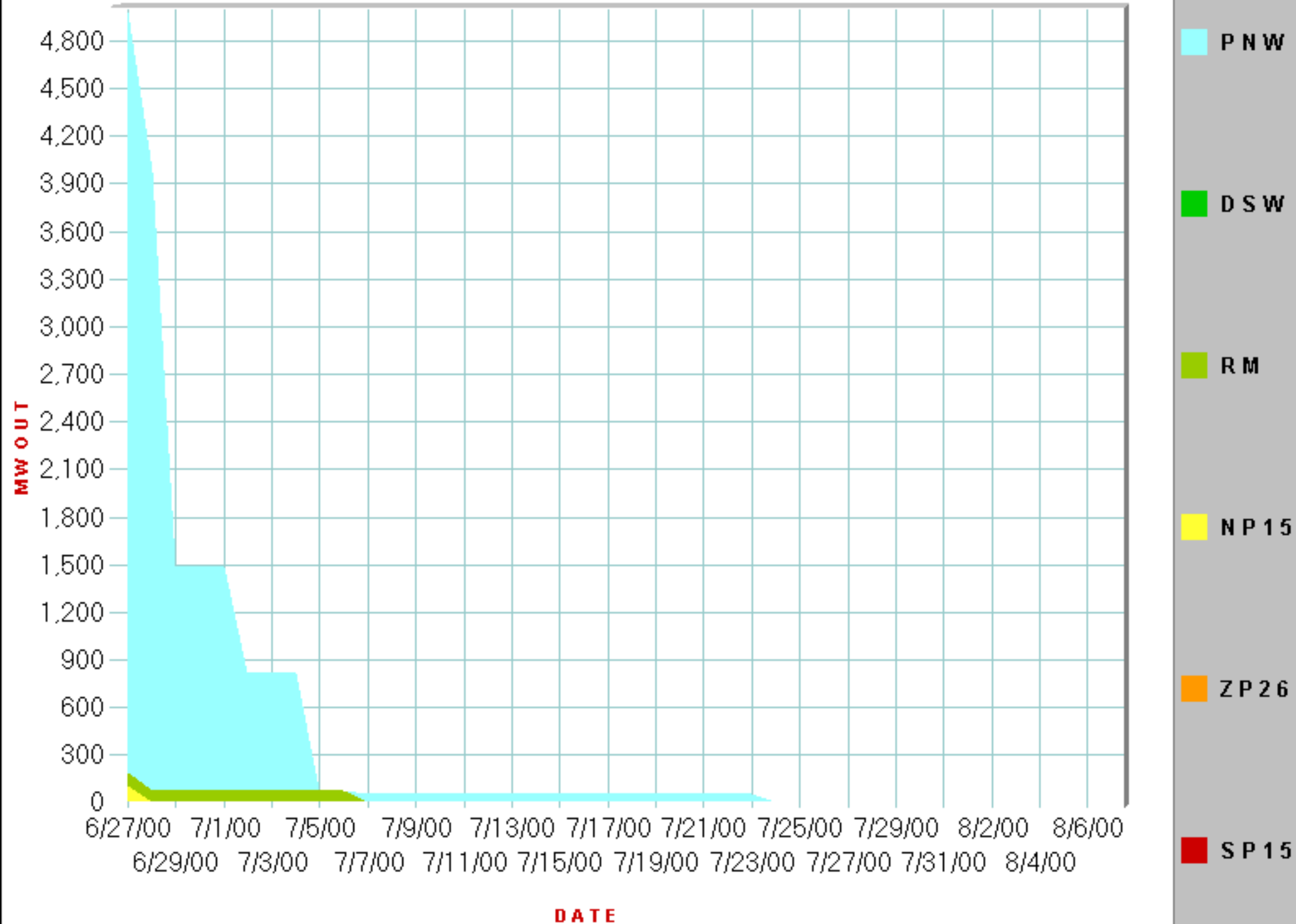
USGS Western Daily River Summary



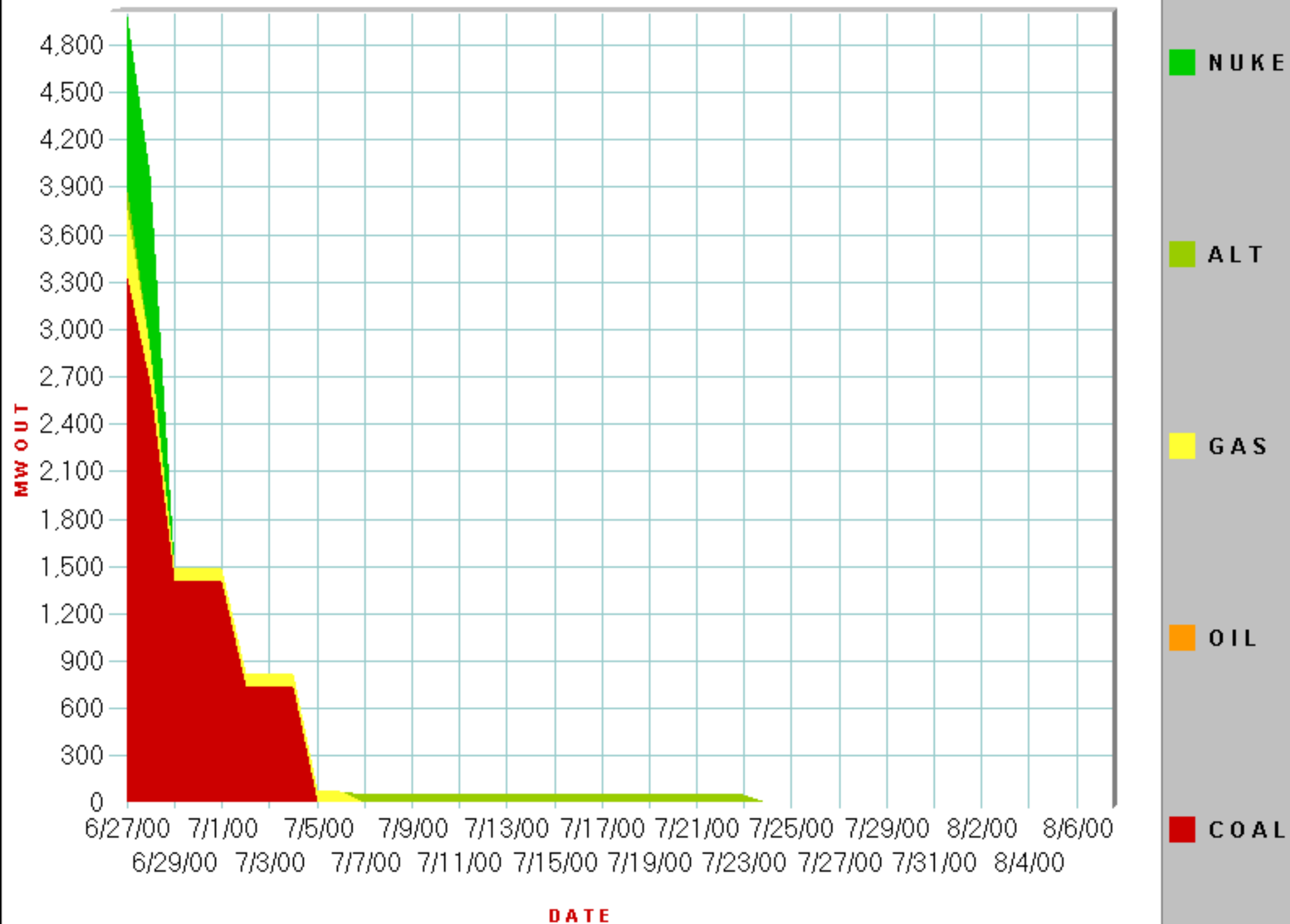
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June 27, 2000

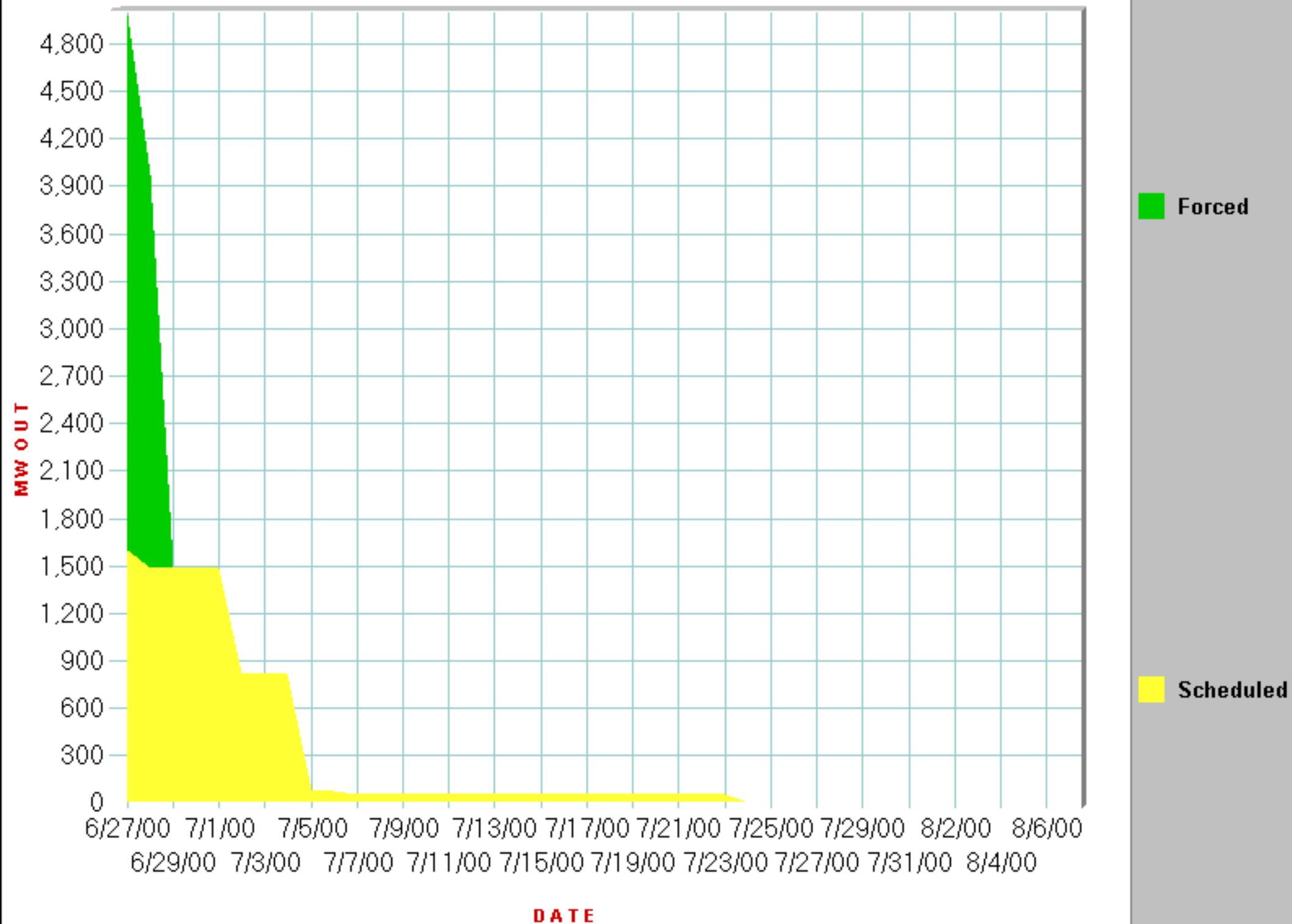
Outages by Region :: Tuesday, June 27, 2000 - Tuesday, August 08, 2000



Outages by Fuel Type :: Tuesday, June 27, 2000 - Tuesday, August 08, 2000

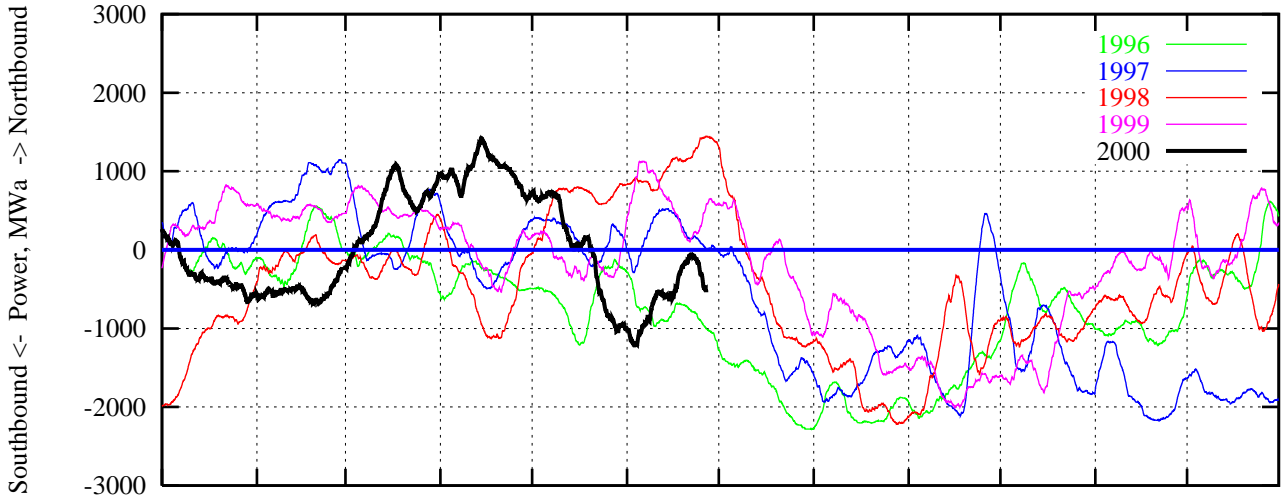


Outages by Reason Forced/Scheduled :: Tuesday, June 27, 2000 - Tuesday, August 08, 2000

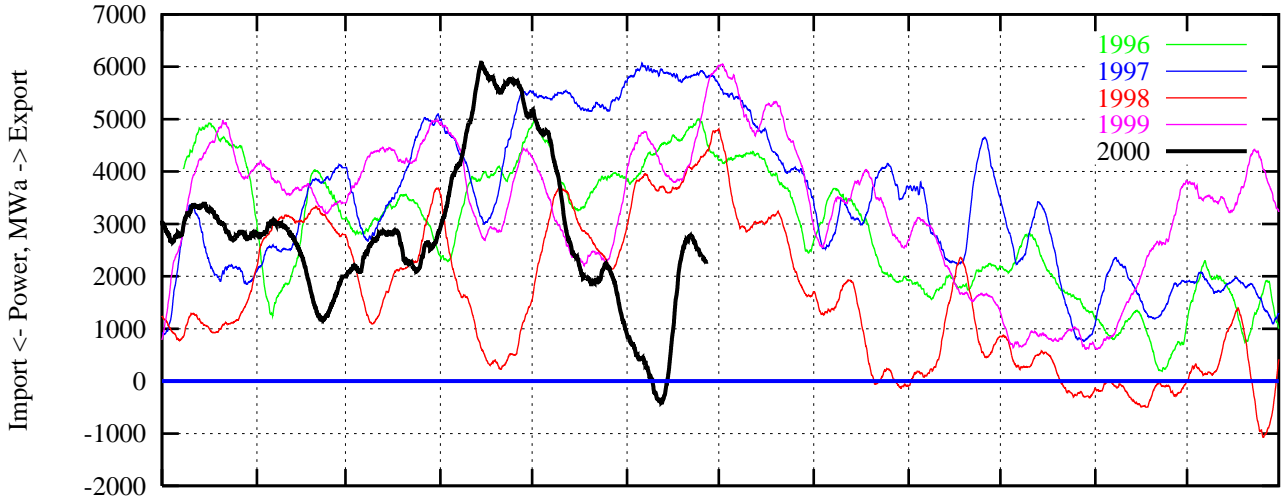


Pacific Coast Intertie Status

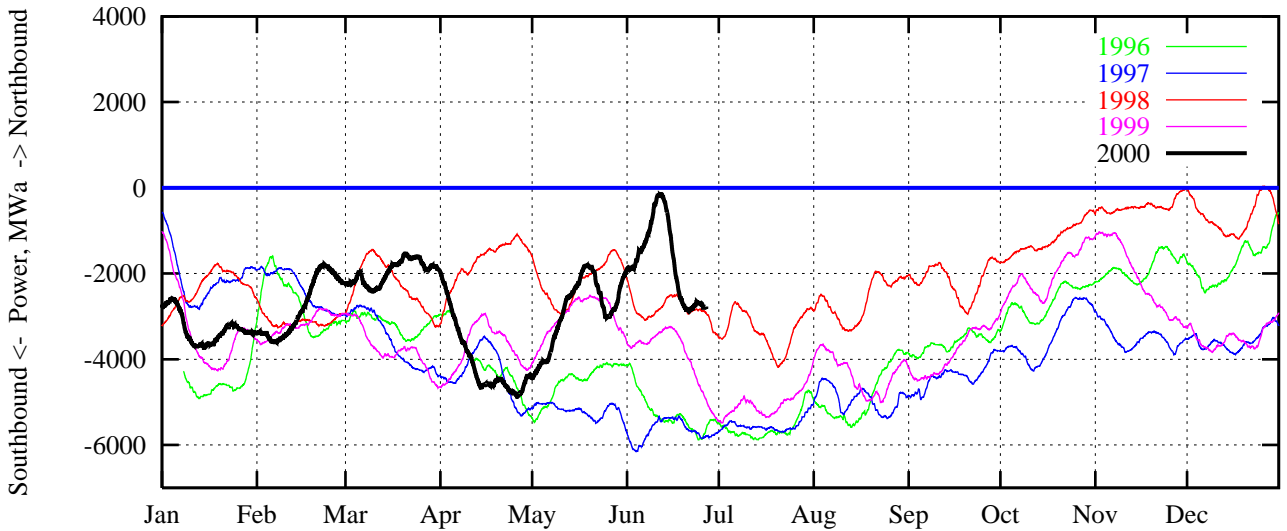
Northern Intertie



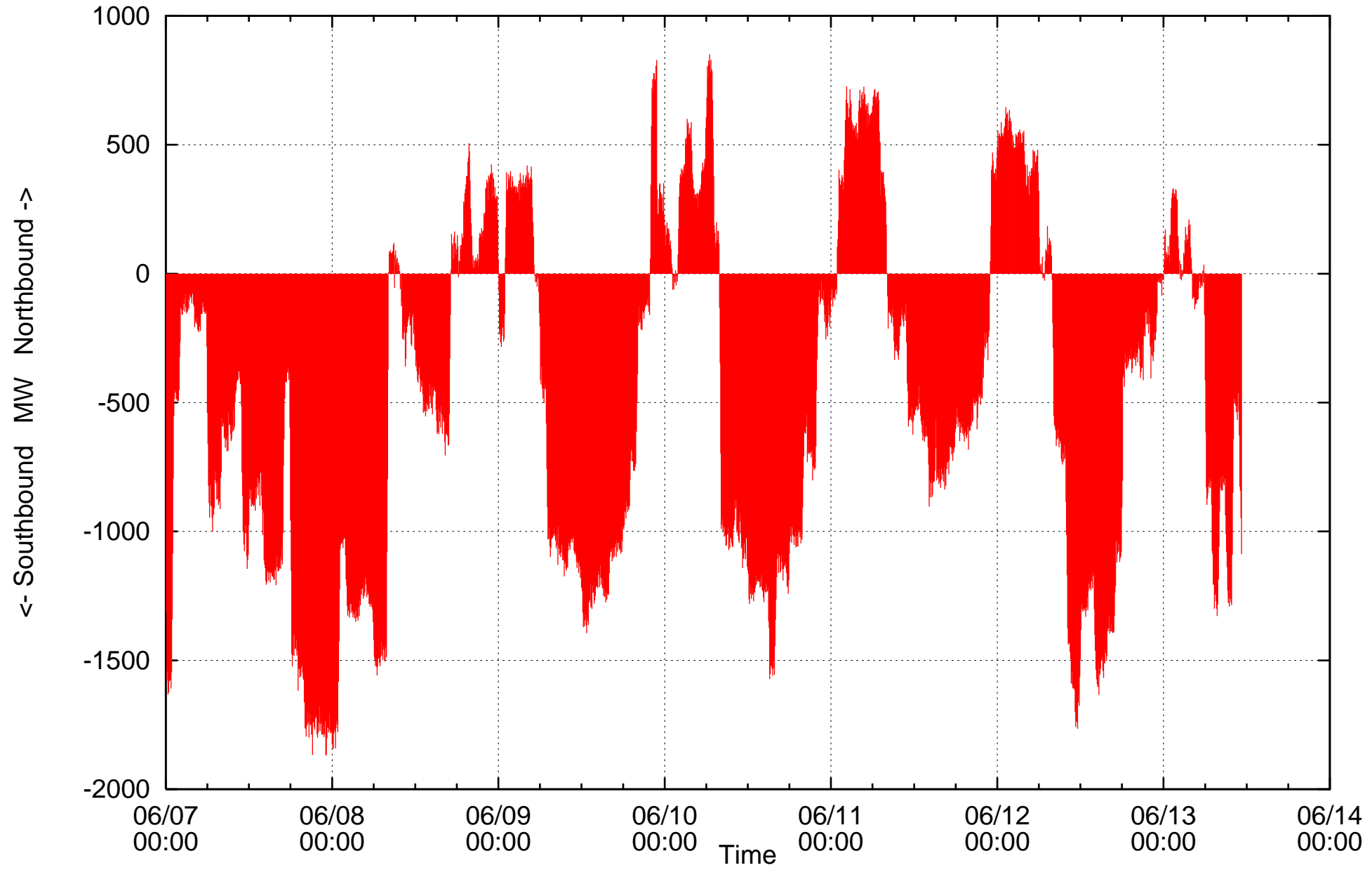
Pacific Northwest Net Exports



PNW / PSW Intertie



Northern Intertie: Actual Flow



Northern Intertie: Actual Flow

