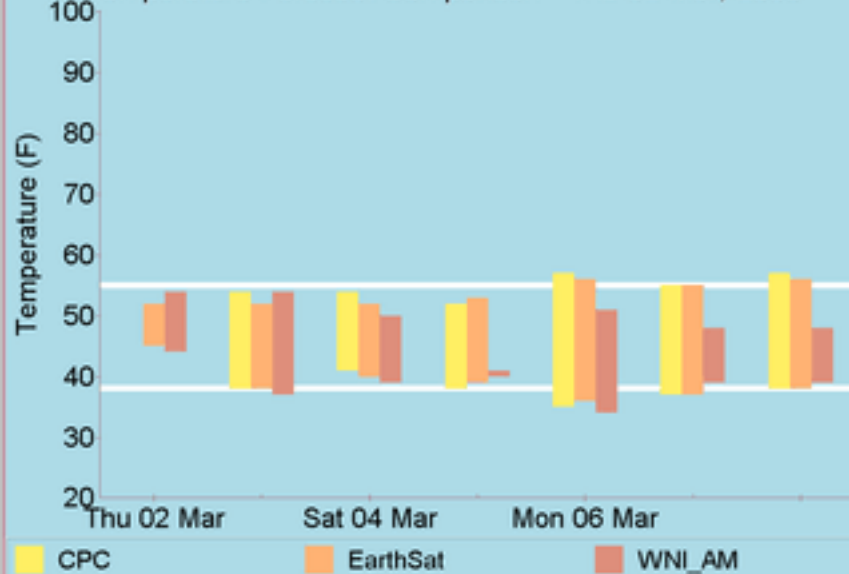


Strategy Session

	values	Yesterday	Today	Fri	Sat	Mon	Tues	Wed	Thur	Predicted on 3/2/2000	Relative change in MWa for weeks ending (16 hour):											
Strategy Session	Date	3/1/2000	3/2/2000	3/3/2000	3/4/2000	3/6/2000	3/7/2000	3/8/2000	3/9/2000	Date	3/5/2000	3/12/2000	3/19/2000	3/26/2000	4/2/2000	4/9/2000						
	PNW									PNW												
	Load Forecast	31,599	31,180	31,424	29,370	31,590	30,538	30,573	30,433	Load Forecast	31,488	30,467										
	Normal Load	31,741	31,741	31,741	29,851	31,741	30,749	30,749	30,749	-	31,878	30,467	30,086	29,700	29,349	28,892						
	Hydro Gen.	16,465	16,465	16,465	16,465	17,044	17,044	17,044	17,044	Load Forecast Relative to Normal	(390)	1021	1402	1787	2139	2595						
	Thermal Outages	800	800	800	800	917	917	335	335	Hydro Gen.	-	579	999	1720	1696	1756						
										Thermal Outages	-	134	(265)	(191)	(203)	(702)						
										Total	-	1733	2136	3316	3632	3649						
	DSW									DSW												
	Load Forecast	10,886	10,880	10,882	10,245	10,882	10,685	10,680	10,680	Load Forecast	11,067	10,602										
	Normal Load	10,877	10,877	10,877	10,192	10,877	10,680	10,680	10,680		11,046	10,601	10,564	10,537	10,445	10,700						
	Hydro Gen.	1,896	1,896	1,896	1,896	1,848	1,848	1,848	1,848	Load Forecast Relative to Normal	21	466	504	530	622	368						
	Thermal Outages	2,433	1,683	1,683	1,683	1,205	486	486	486	Hydro Gen.	-	(48)	(48)	(48)	(23)	39						
										Thermal Outages	-	1305	716	811	229	(1801)						
										Total	-	1723	1172	1293	827	(1394)						
	CA									CA												
	Actual Load	32,551																				
	Load Forecast	32,551	32,569	32,569	28,037	32,717	32,940	32,904	32,583	Load Forecast	31,805	31,961										
	Normal Load	32,528	32,528	32,528	27,995	32,528	32,583	32,583	32,583	Load Normal	31,862	31,817	31,983	31,928	31,645	31,666						
	Hydro Gen.	6,758	6,758	6,758	6,758	7,074	7,074	7,074	7,074	Load Forecast Relative to Normal	(57)	(12)	(178)	(123)	160	138						
	Thermal Outages	2,264	2,264	2,589	1,869	1,869	1,869	1,869	1,869	Hydro Gen.	-	316	316	316	326	351						
										Thermal Outages	-	125	(784)	(1229)	(945)	(3)						
										Total	-	429	(647)	(1036)	(459)	487						
RM									RM													
Load Forecast	6,322	6,380	6,374	5,445	6,345	6,286	6,299	6,299	Load Forecast	6,279	6,167											
Normal Load	6,412	6,412	6,412	5,546	6,412	6,314	6,314	6,314	Load Normal	6,363	6,188	6,034	5,957	6,070	5,954							
Hydro Gen.	195	195	195	195	206	206	206	206	Load Forecast Relative to Normal	(84)	91	245	322	209	325							
Thermal Outages	964	964	1,043	1,043	915	915	915	590	Hydro Gen.	-	11	11	11	19	38							
									Thermal Outages	-	11	(350)	(174)	211	313							
									Total MW	-	113	(95)	159	439	676							
									Total MW (all regions)	-	3999	2566	3731	4439	3418							
gsolberg	3/2/2000										Confidential										Name:	

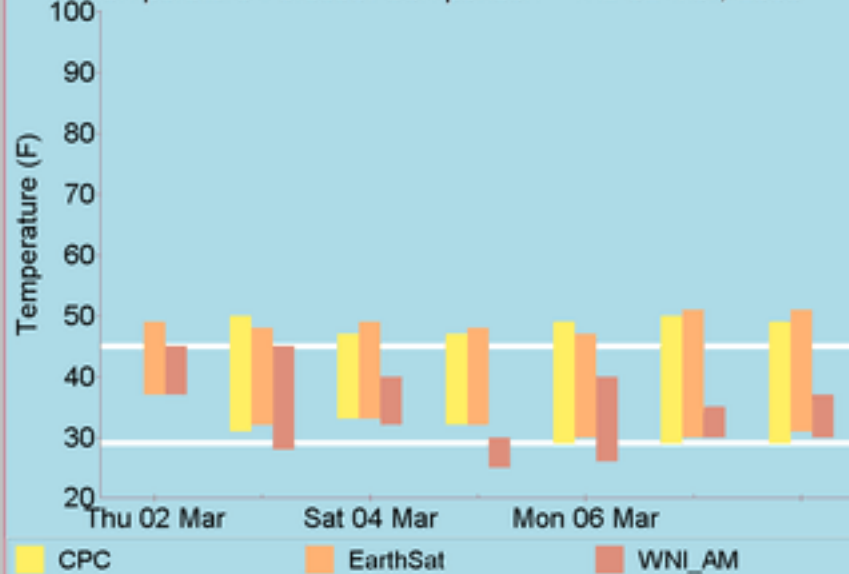
PORTLAND

Temperature Forecast Comparison - Thu 02 Mar, 2000



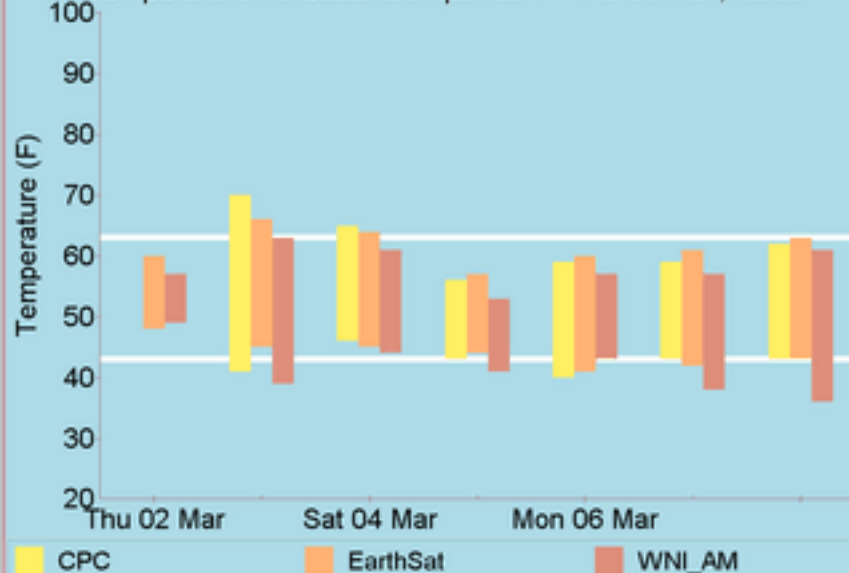
SPOKANE

Temperature Forecast Comparison - Thu 02 Mar, 2000



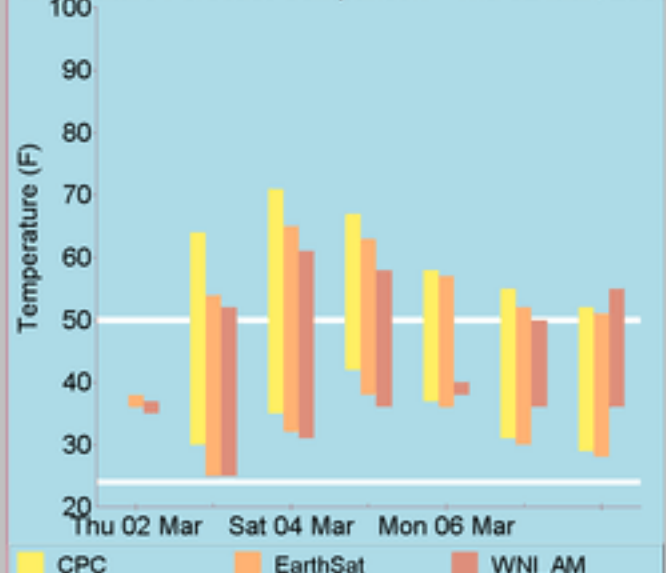
SACRAMENTO

Temperature Forecast Comparison - Thu 02 Mar, 2000



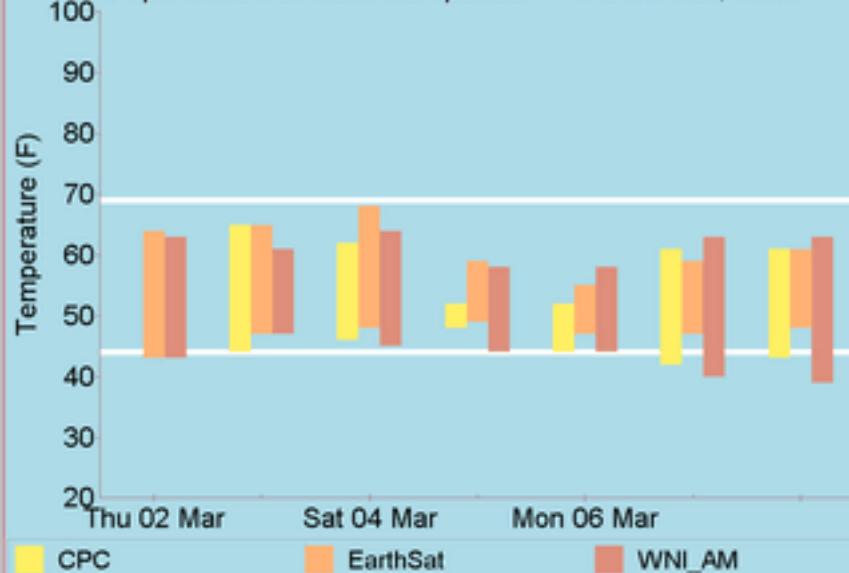
DENVER

Temperature Forecast Comparison - Thu 02 Mar, 2000



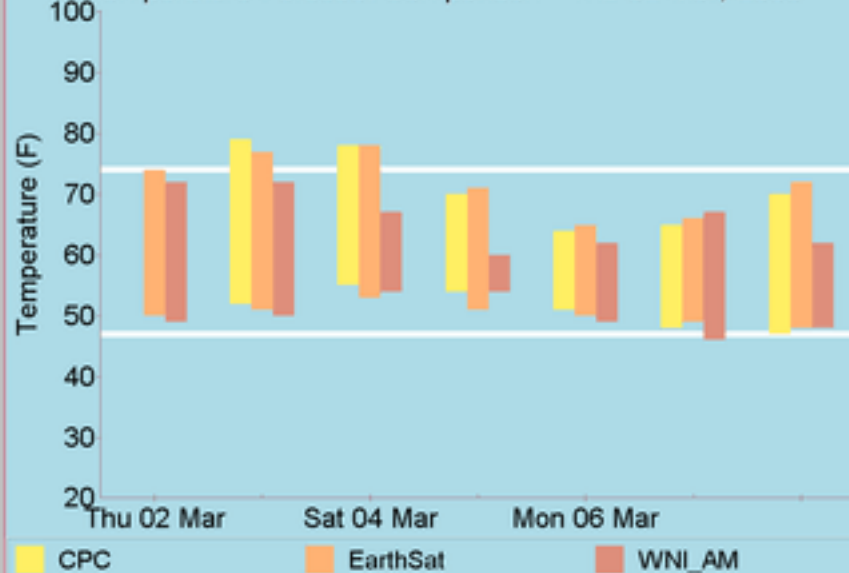
RIVERSIDE

Temperature Forecast Comparison - Thu 02 Mar, 2000



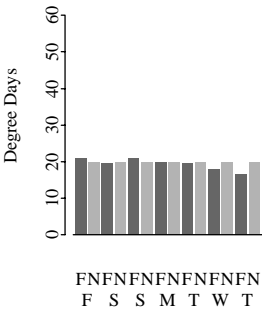
PHOENIX

Temperature Forecast Comparison - Thu 02 Mar, 2000

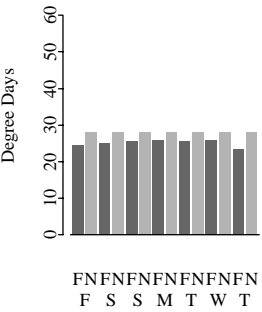


MRF: Forecast and Normal Degree Days for Period Following Mar 2

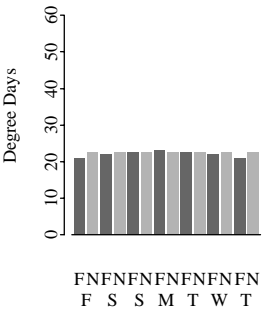
Seattle



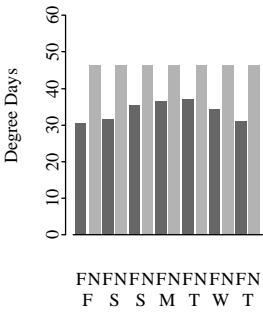
Spokane



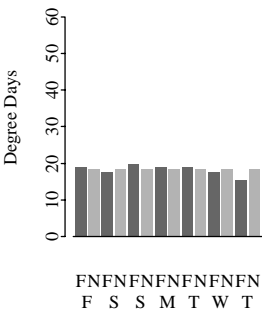
Vancouver



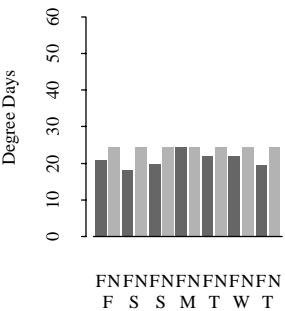
Edmonton



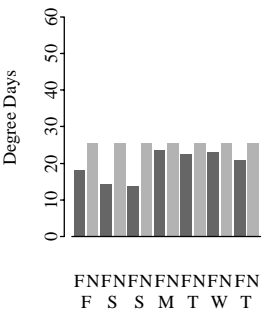
Portland



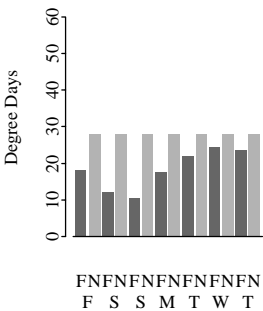
Boise



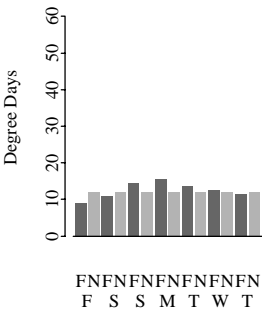
Salt Lake City



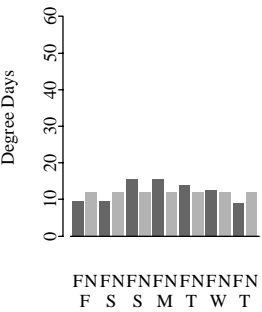
Denver



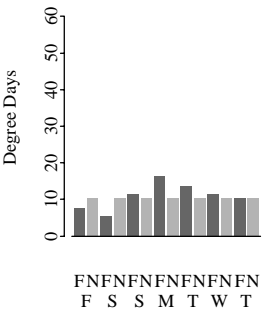
San Francisco



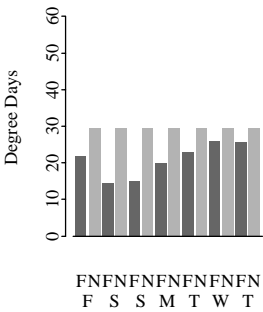
Sacramento



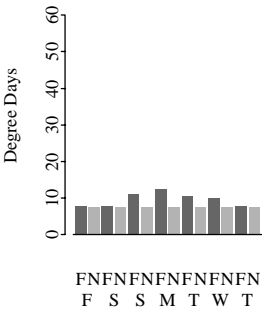
Las Vegas



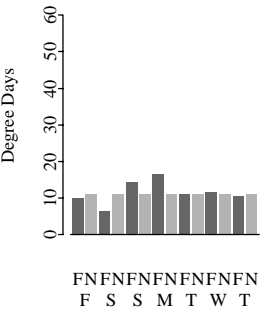
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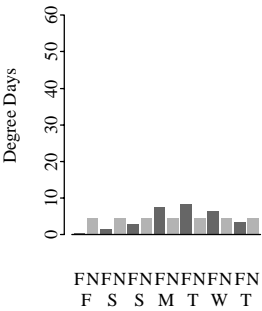
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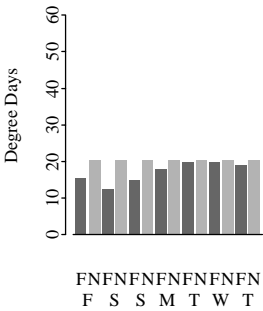
Fresno



Phoenix

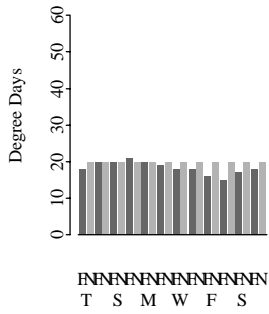


Albuquerque

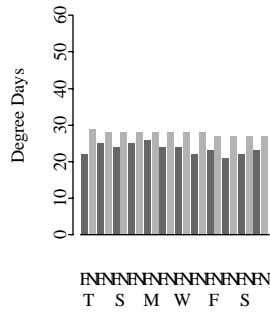


Earth Satellite Forecast & Normal Degree Days: Period Beginning Mar 2

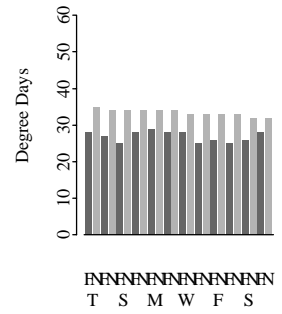
Seattle



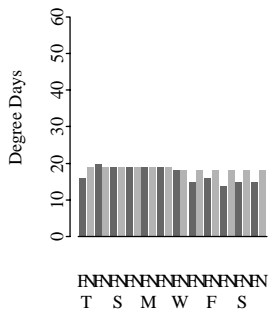
Spokane



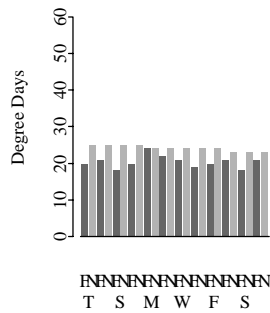
Kalispell



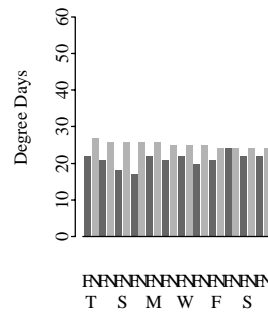
Portland



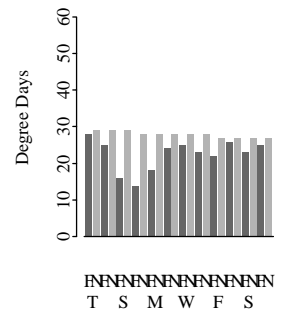
Boise



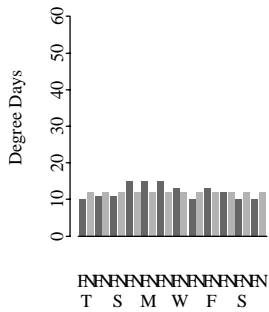
Salt Lake City



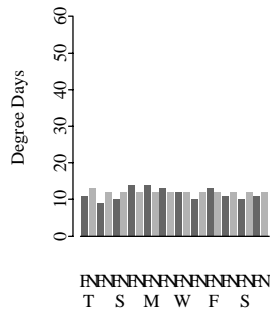
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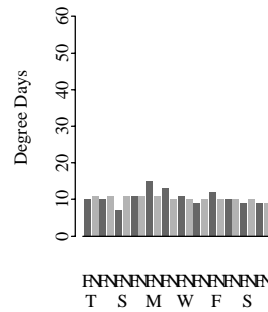
San Francisco



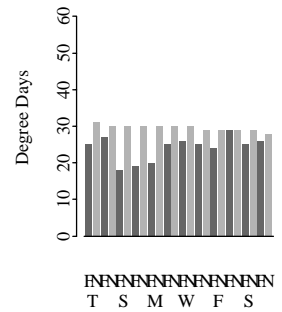
Sacramento



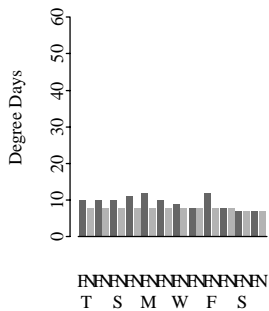
Las Vegas



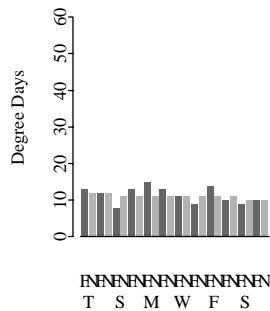
Colorado Springs



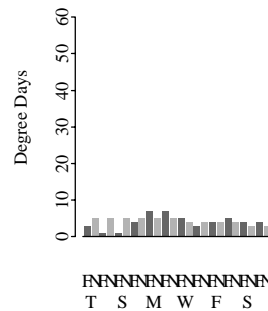
Burbank



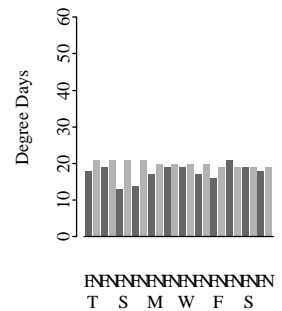
Fresno



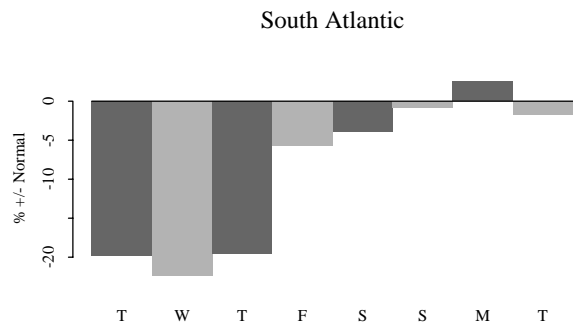
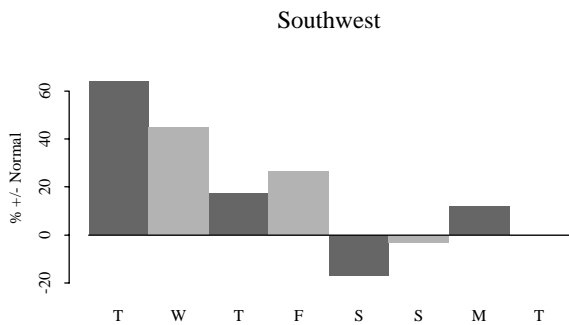
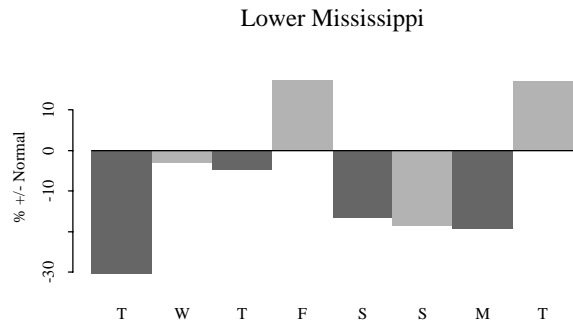
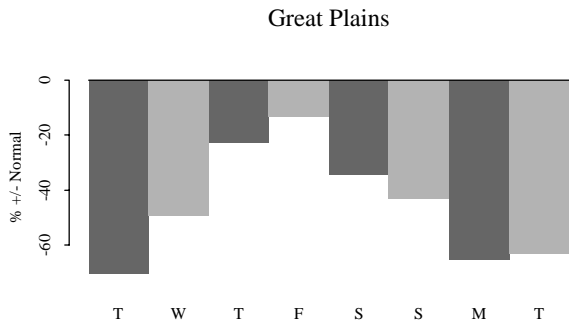
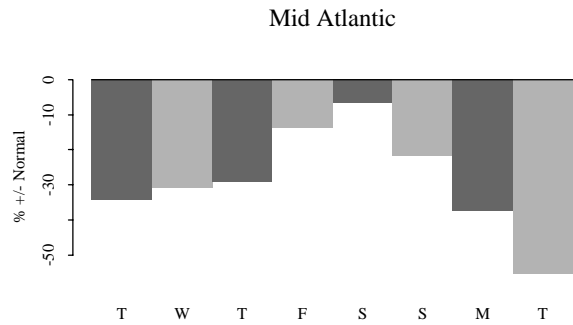
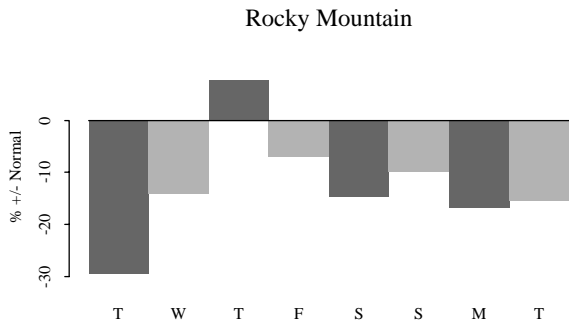
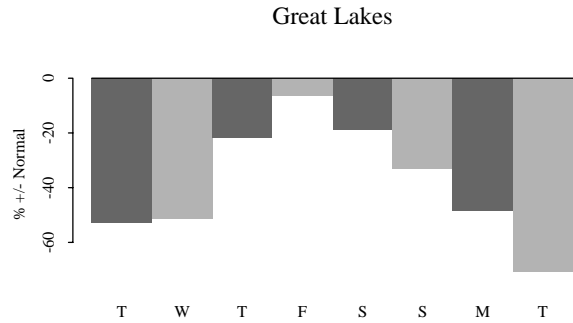
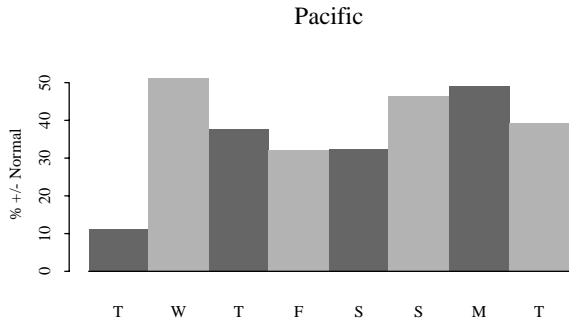
Phoenix



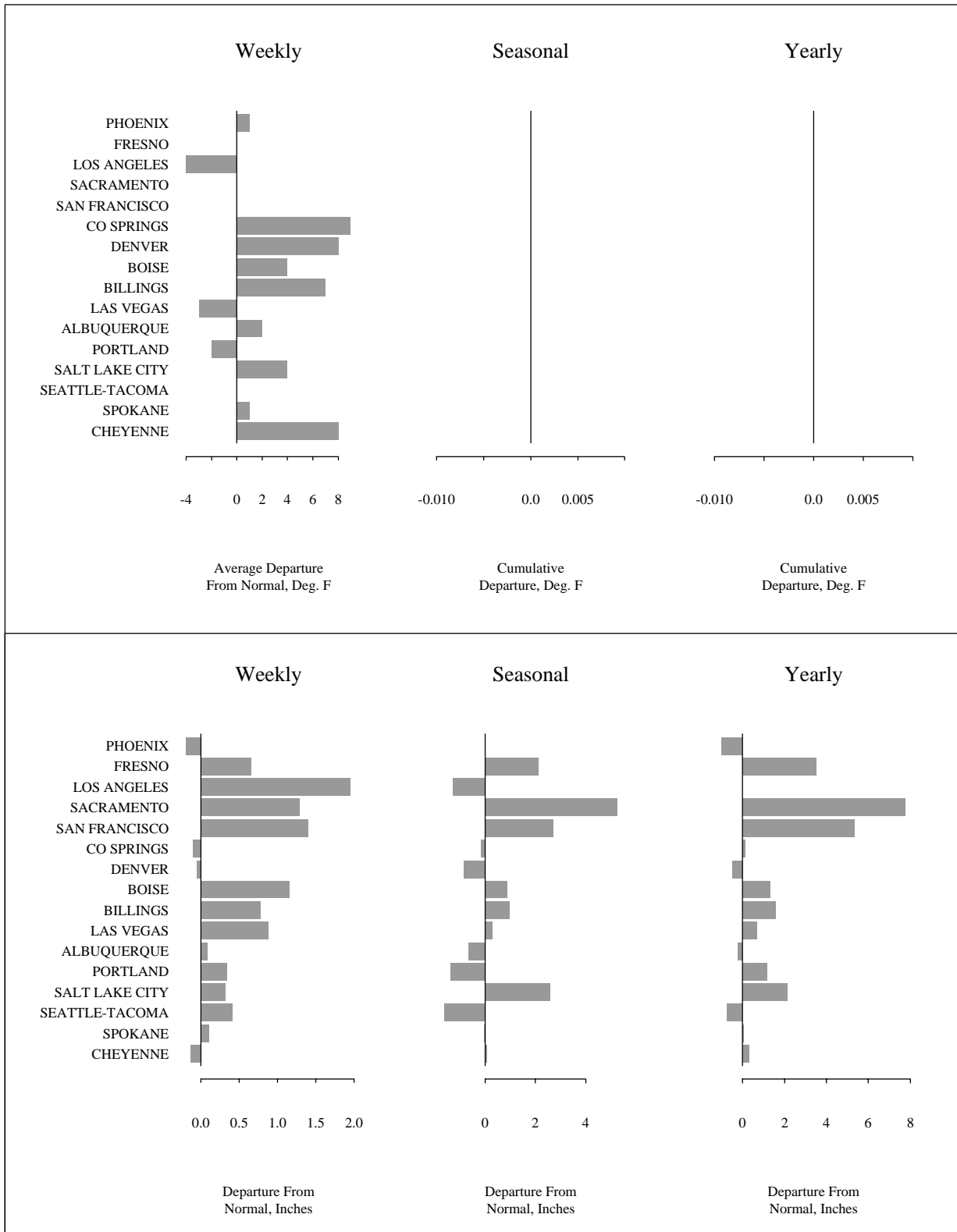
Albuquerque



CNG Regional Energy Indices
For Week Beginning 02/29/00



NWS Temperature & Precipitation Summaries for Week Ending 2/27/00



Confidential

HYDROMETEOROLOGICAL DISCUSSION

NORTHWEST RIVER FORECAST CENTER PORTLAND OR
11:30 AM PST WED MAR 01 2000

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

A LINGERING FRONTAL DISTURBANCE DISSIPATING OVER THE INTERIOR MANAGED TO PUSH IN WIDESPREAD .15 TO .4 INCH VALLEY RAINS FOCUSED MOSTLY ACROSS EASTERN OREGON...DRIBBLING OVER SOMEWHAT INTO SOUTHWESTERN IDAHO. ELSEWHERE EAST OF THE CASCADES SPOTTY LIGHT SHOWERS WERE COMMON. THE MOST SIGNIFICANT TUESDAY PRECIPITATION ACTUALLY RESULTED FROM SURPRISINGLY WELL ORGANIZED POSTFRONTAL WRAP-AROUND SHOWERS THAT SCATTERED .5 TO 1 PLUS INCH ACCUMULATIONS OF VALLEY RAIN AND MOUNTAIN SNOWS ACROSS WESTERN WASHINGTON AND NORTHWESTERN OREGON. SOUTHWESTERN OREGON TYPICALLY ONLY SAW .1 TO .2 INCH SHOWERY ACCUMULATIONS. A COLD POSTFRONTAL TROUGH SHIFTING INTO THE REGION MANAGED TO PUSH THIS MORNING'S FREEZING LEVELS DOWN TO THE SURFACE AT SPOKANE...AND 4800 FEET OVER BOISE...WHILE WESTSIDE BASIN FREEZING LEVELS HOVERED BETWEEN 3100-3500 FEET.

HYDROLOGIC CONDITIONS...

WEST OF THE CASCADES...

MINOR LOWER ELEVATION HEADWATER RISES WERE OBSERVED ACROSS NORTHWESTERN WASHINGTON. ELSEWHERE WEST OF THE CASCADES FLOWS RECEDED.

EAST OF THE CASCADES...

SOME MINOR PRECIPITATION AND/OR SNOWMELT RISES WERE OBSERVED ACROSS PARTS OF EASTERN OREGON...WITH MINOR SNOWMELT RESPONSES COMMON ELSEWHERE. THE UPPER COLUMBIA ITSELF REMAINED FLAT TO RECEDING.

HYDROMETEOROLOGICAL FORECAST...01 MAR - 05 MAR

THE NEXT ARRIVING PACIFIC DISTURBANCE IS EXPECTED TO DRIVE OCCASIONAL VALLEY RAIN AND MOUNTAIN SNOWS PRIMARILY INTO WESTSIDE BASINS LATER ON WEDNESDAY...WITH UP TO 1.5 INCH WATER EQUIVALENT ACCUMULATIONS OF MOSTLY SNOW DOWN TO AND BELOW 3000 FEET ACROSS A MAJORITY OF NORTHWESTERN WASHINGTON...TAPERING OFF TO .8 INCH LOCAL MAXIMUM VALLEY RAIN AND MOUNTAIN SNOWS ABOVE PASS LEVEL ACROSS WESTERN OREGON. UNSETTLED POSTFRONTAL DAY-2 WEATHER COULD HIT WESTERN WASHINGTON WITH ANOTHER .5 TO .9 INCHES OF ADDITIONAL VALLEY RAIN SHOWERS AND MOUNTAIN SNOW...BASICALLY REPEATING WHAT HAPPENED TUESDAY OVER NORTHWESTERN TIER BASINS. THE NEXT PACIFIC DISTURBANCE IS FORECAST TO SLIDE INTO WESTSIDE BASINS FRIDAY...RESUMING OCCASIONAL VALLEY RAIN AND MOUNTAIN SNOWS INTO WESTERN WASHINGTON AND WESTERN OREGON LATE IN THE WEEK...THEN BREAKING DOWN INTO DIMINISHING SCATTERED SHOWERS ACROSS WESTSIDE BASINS THROUGH THE WEEKEND. EAST OF THE CASCADES PRECIPITABLE WATER IS FORECAST TO SHEAR OFF INTO THE INTERIOR ONLY ENOUGH TO RESULT MOSTLY IN JUST OCCASIONAL MIXED LIGHT VALLEY RAIN AND MOUNTAIN SNOW SHOWERS.

HYDROLOGIC FORECAST...

WEST OF THE CASCADES...

OCCASIONAL MINOR RECURRING RISES LIKELY THROUGHOUT THE PERIOD.

EAST OF THE CASCADES...

EXPECT STEADY TO SLOWLY RECEDING FLOWS.

6-10 DAY OUTLOOK...06 MAR - 10 MAR

A FORECAST PROGRESSIVE WESTERLY WINTER STORM TRACK IS LIKELY TO STEER UNSETTLED WEATHER WITH OCCASIONAL VALLEY RAIN AND MOUNTAIN SNOWS ON A FREQUENT BASIS INTO WESTSIDE BASINS...WITH MIXED SHOWERS TAPERING OFF INTO THE INTERIOR EAST OF THE CASCADES

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

MAR-00EARLY 1 WATER SUPPLY FORECASTS

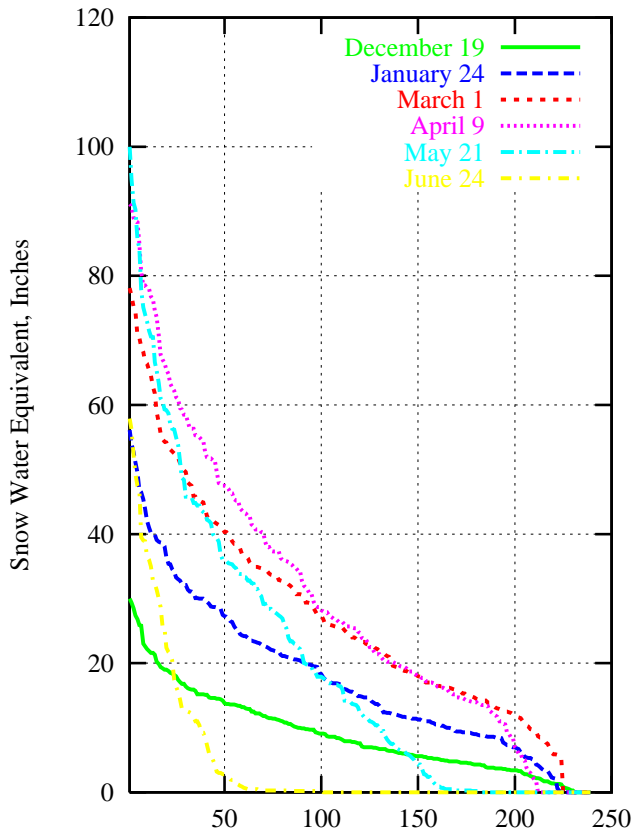
OBS PREC THRU 28TH; NORMAL PREC REST OF WAY; EST SNOW & RUNOFF

STREAM AND STATION	PERIOD	FORECAST	%	AVERAGE
COLUMBIA RIVER				
MICA RESERVOIR INFLOW, BC	FEB-SEP	14300.0	109	13170.
	APR-SEP	13600.0	107	12730.
ARROW LAKES INFLOW	FEB-SEP	29600.0	110	26800.
	APR-SEP	28000.0	110	25540.
BIRCHBANK, BC (1)	APR-SEP	46900.0	107	43800.
GRAND COULEE, WA (1)	JAN-JUL	66800.0	106	63280.
	APR-SEP	68700.0	106	64850.
ROCK ISLAND DAM BLO, WA (1)	APR-SEP	74800.0	106	70480.
THE DALLES NR, OR (1)	APR-SEP	99600.0	101	98980.
	JAN-JUL	106000.0	100	105900.
	APR-AUG	93800.0	101	93250.
KOOTENAI RIVER				
LIBBY RES INFLOW, MT (1)	APR-SEP	6970.0	103	6772.
KOOTENAY RIVER				
KOOTENAY LAKE INFLOW, BC	APR-SEP	16700.0	100	16650.
DUNCAN RIVER				
DUNCAN RESERVOIR INFLOW, BC	FEB-SEP	2360.0	102	2319.
	APR-SEP	2250.0	101	2238.
CLARK FORK				
ST. REGIS, MT (1)	APR-SEP	3840.0	94	4095.
PEND OREILLE RIVER				
PEND OREILLE LAKE IN, ID (1)	APR-SEP	13900.0	97	14370.
S.F. FLATHEAD RIVER				
HUNGRY HORSE RES IN, MT (1)	APR-SEP	2070.0	95	2184.
FLATHEAD RIVER				
FLATHEAD LAKE INFLOW, MT (1)	APR-SEP	6590.0	95	6926.
COEUR D'ALENE RIVER				
COEUR D'ALENE LAKE IN, ID	APR-SEP	2950.0	108	2720.
SIMILKAMEEN RIVER				
NIGHTHAWK NR, WA (1)	APR-JUL	1160.0	89	1304.
OKANAGAN RIVER				
TONASKET NR, WA (1)	APR-SEP	1500.0	92	1623.
CHELAN RIVER				
LAKE CHELAN INFLOW, WA (1)	APR-SEP	1170.0	101	1160.
WENATCHEE RIVER				
PESHASTIN, WA	APR-SEP	1650.0	101	1636.
YAKIMA RIVER				
PARKER NR, WA	APR-SEP	2030.0	102	1994.
SKAGIT RIVER				
CONCRETE NR, WA	APR-SEP	6480.0	99	6525.
COWLITZ RIVER				
MAYFIELD RES INFLOW, WA	APR-SEP	2190.0	111	1971.
	APR-JUL	1920.0	111	1731.
CASTLE ROCK, WA	APR-SEP	2950.0	111	2668.
SNAKE RIVER				
JACKSON LAKE INFLOW, WY (1)	APR-JUL	670.0	86	781.
PALISADES RES INFLOW, ID (1)	APR-JUL	2650.0	82	3226.
HEISE NR, ID	APR-JUL	2830.0	82	3451.
WEISER, ID (1)	APR-JUL	3660.0	67	5465.
BROWNLEE RES INFLOW	APR-JUL	3980.0	69	5794.
LOWER GRANITE RES IN, WA (1)	JAN-JUL	27300.0	92	29740.
	APR-JUL	20200.0	93	21650.

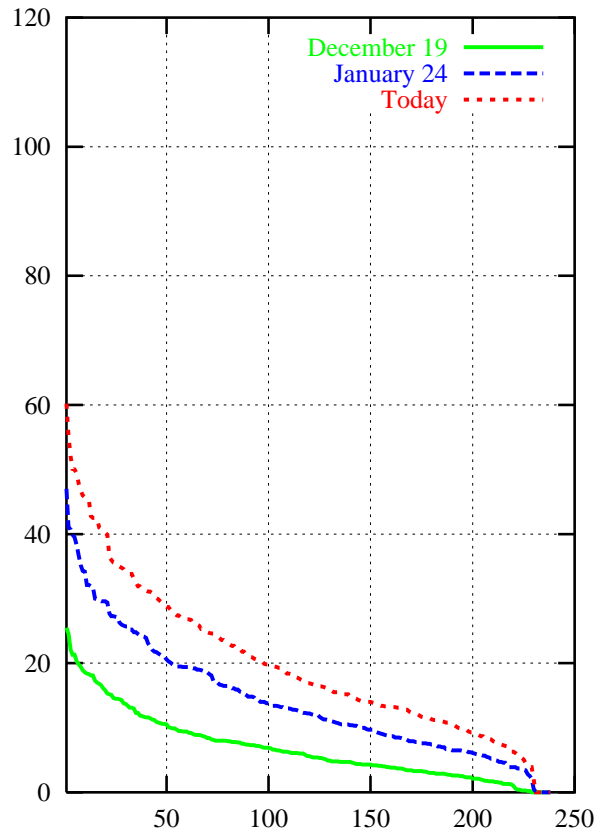
Confidential

Columbia River Basin: Sorted Snow Measurements (SWE inches)

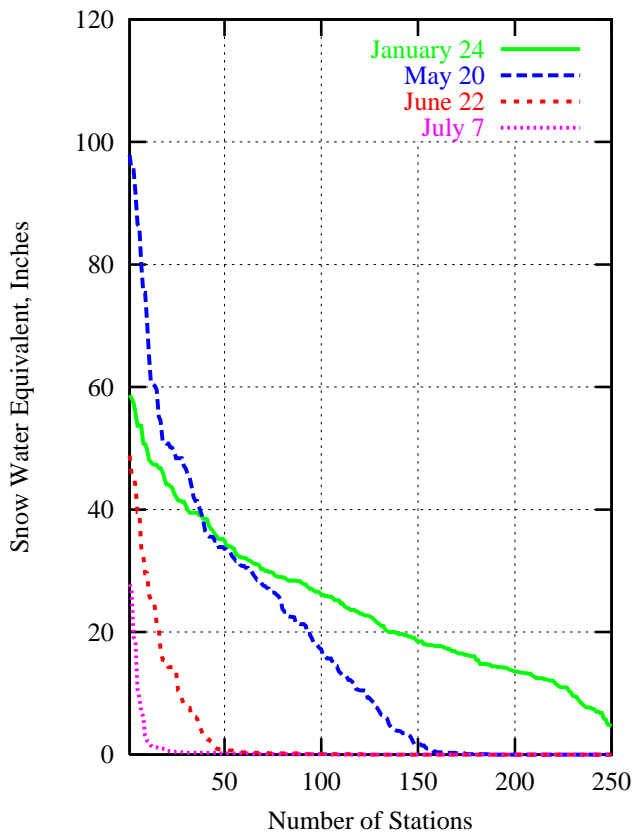
1998-99 Historical Data



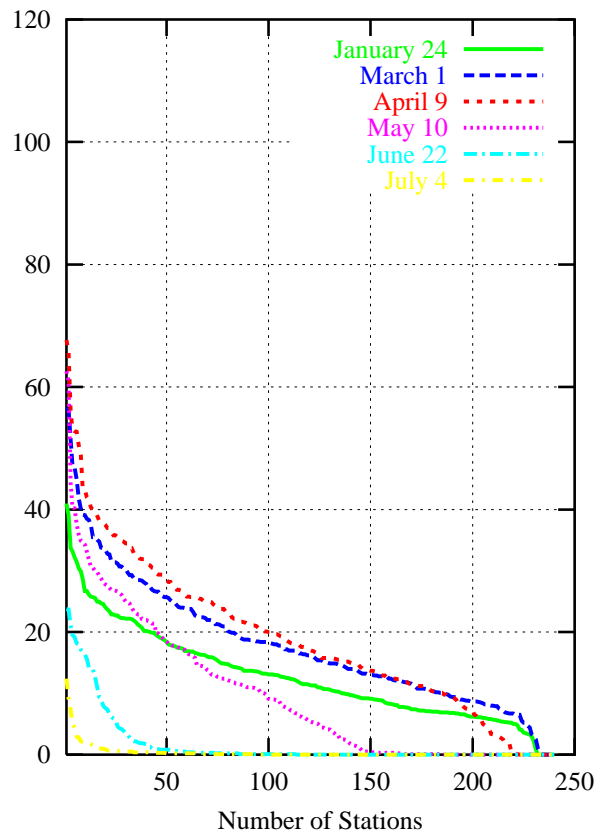
1999-00 Historical Data



1996-97 Historical Data

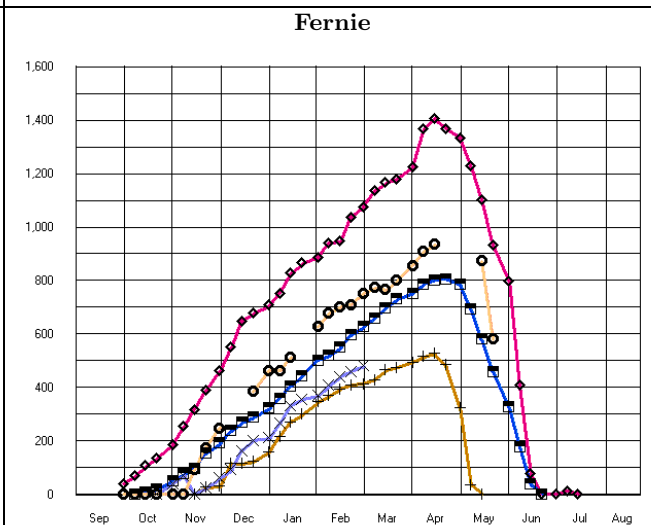
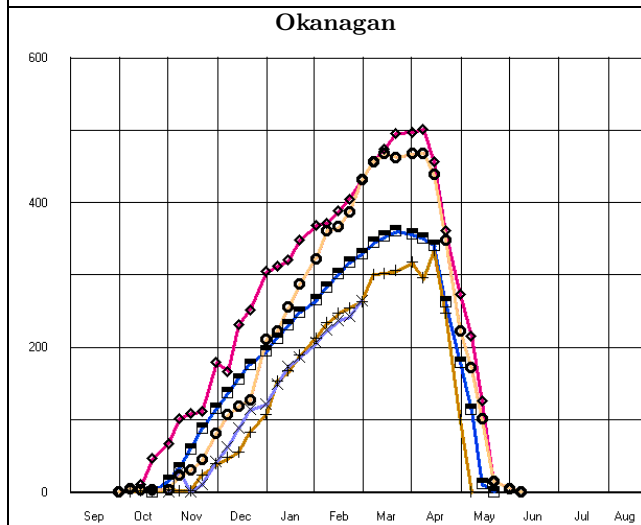
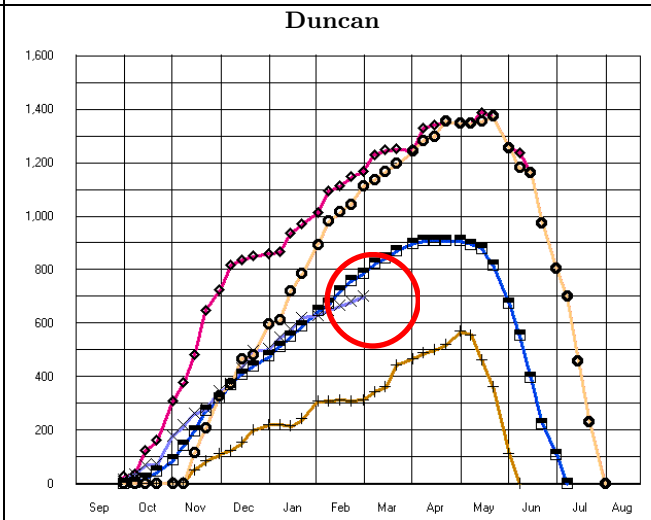
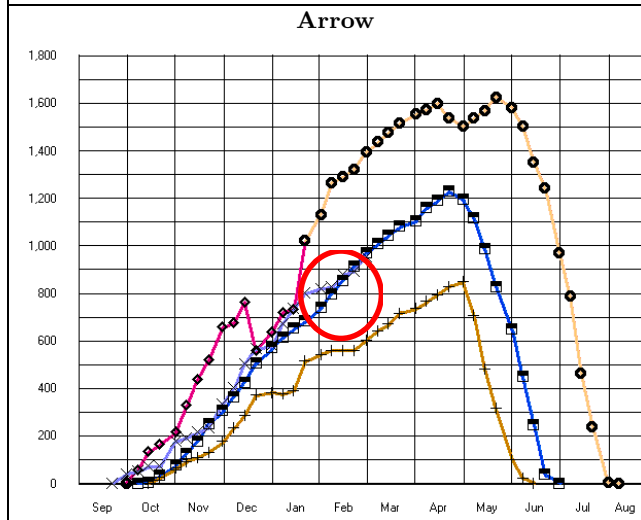
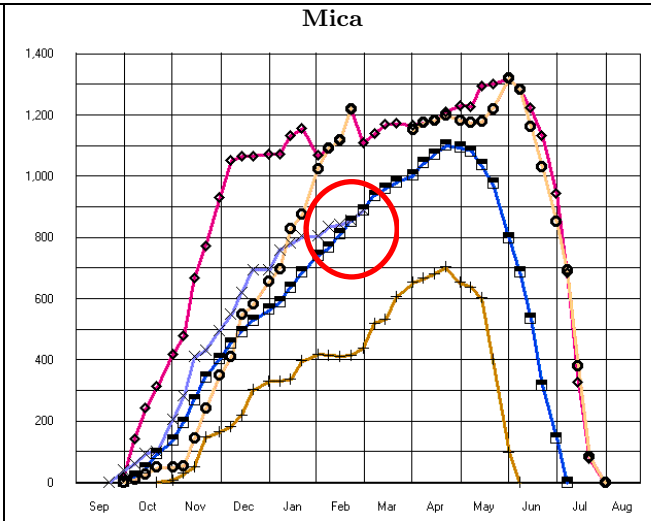
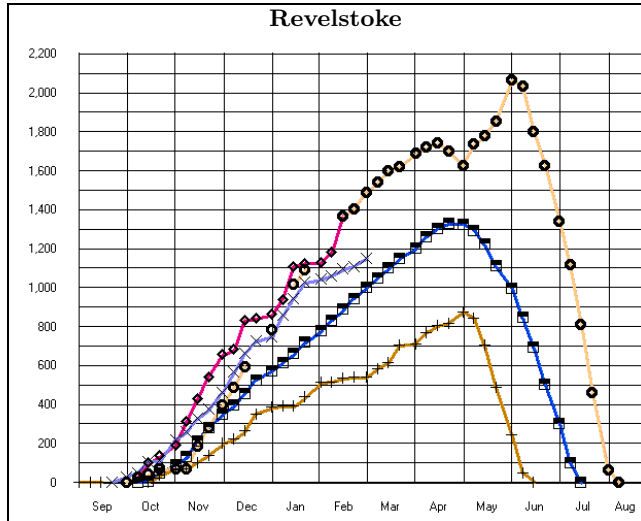


1997-98 Historical Data



March 02, 2000

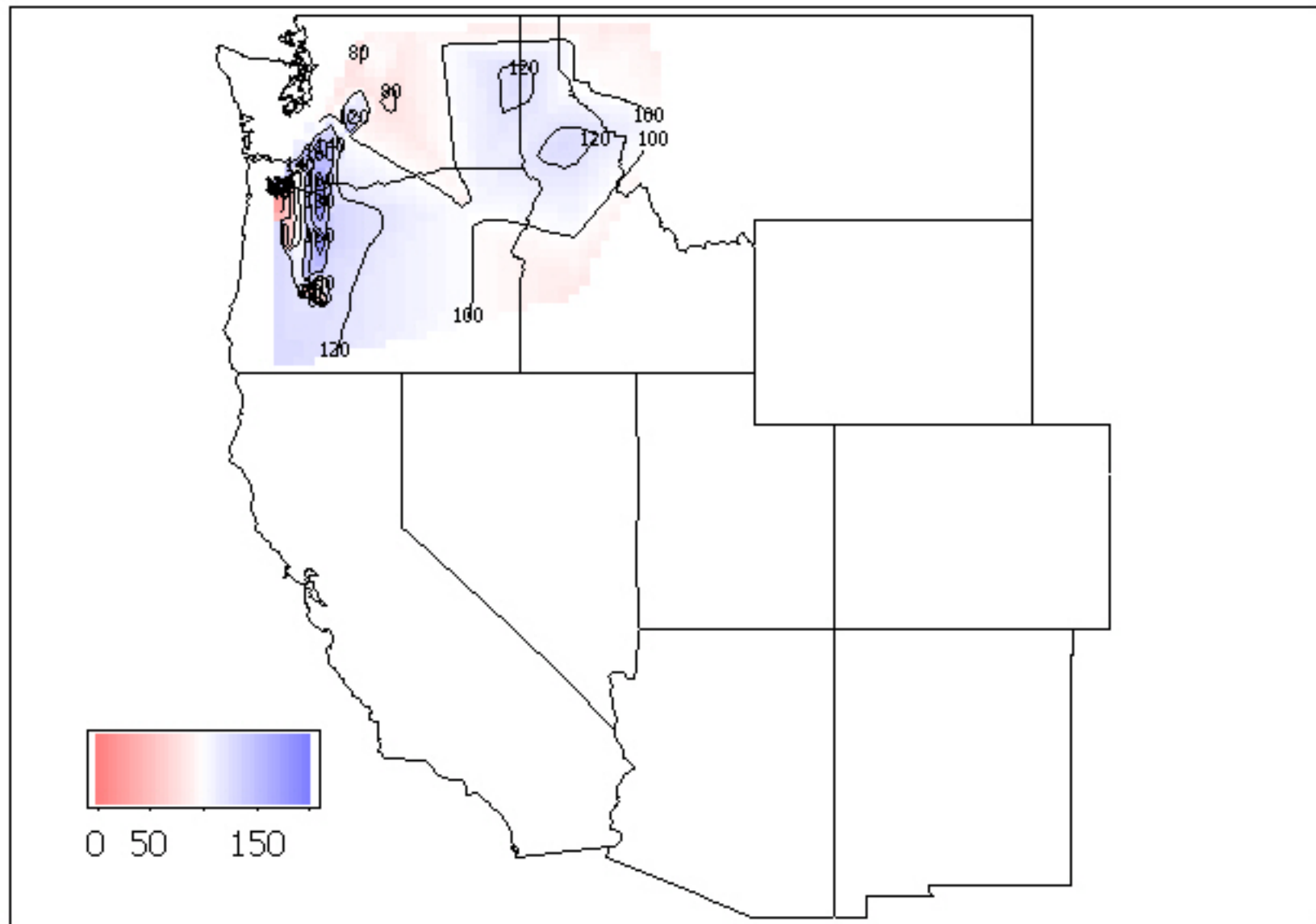
British Columbia Snow Depth (SWE mm)



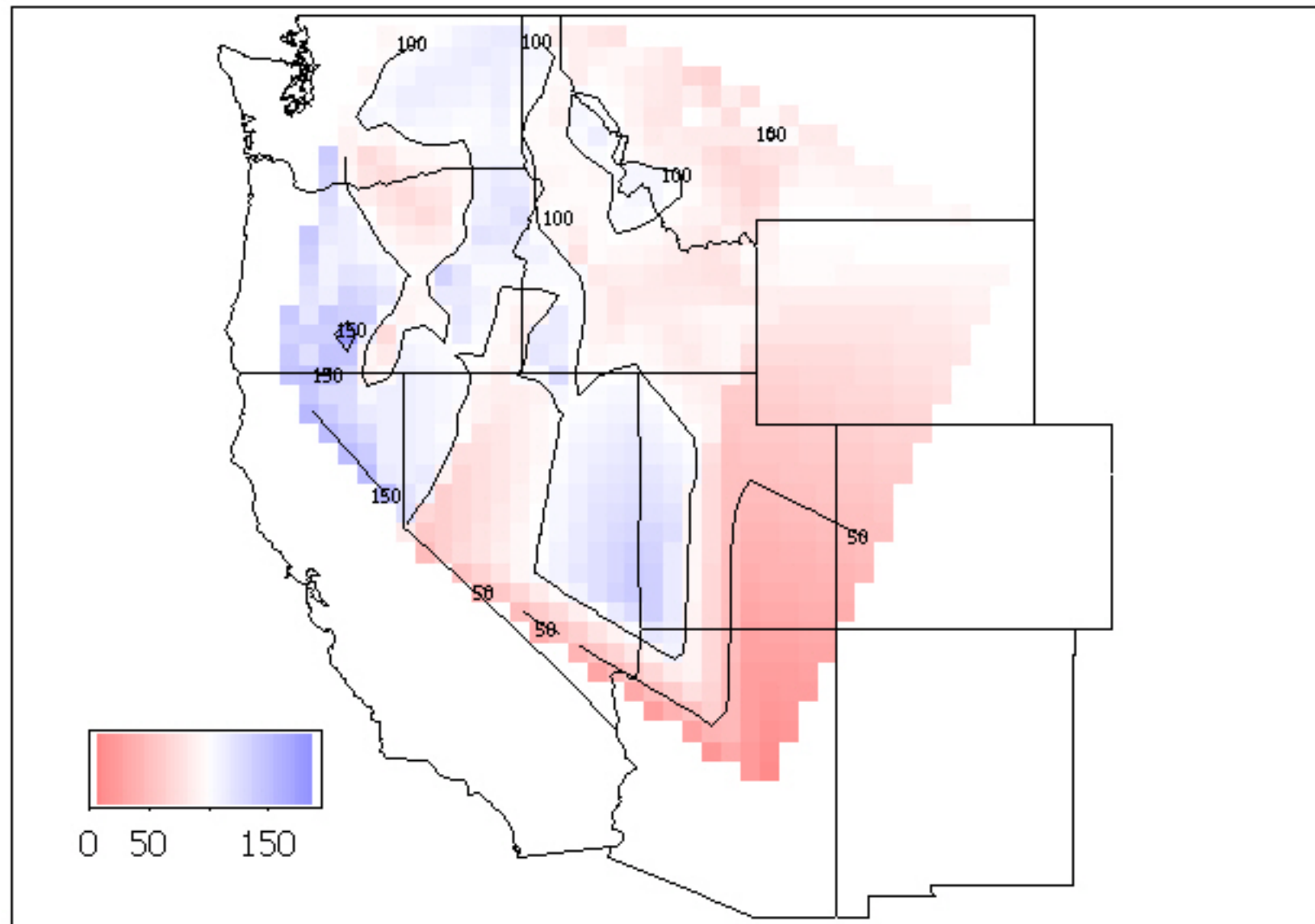
◆ Maximum
■ Normal
+ Minimum
× Current
● Previous

◆ Maximum
■ Normal
+ Minimum
× Current
● Previous

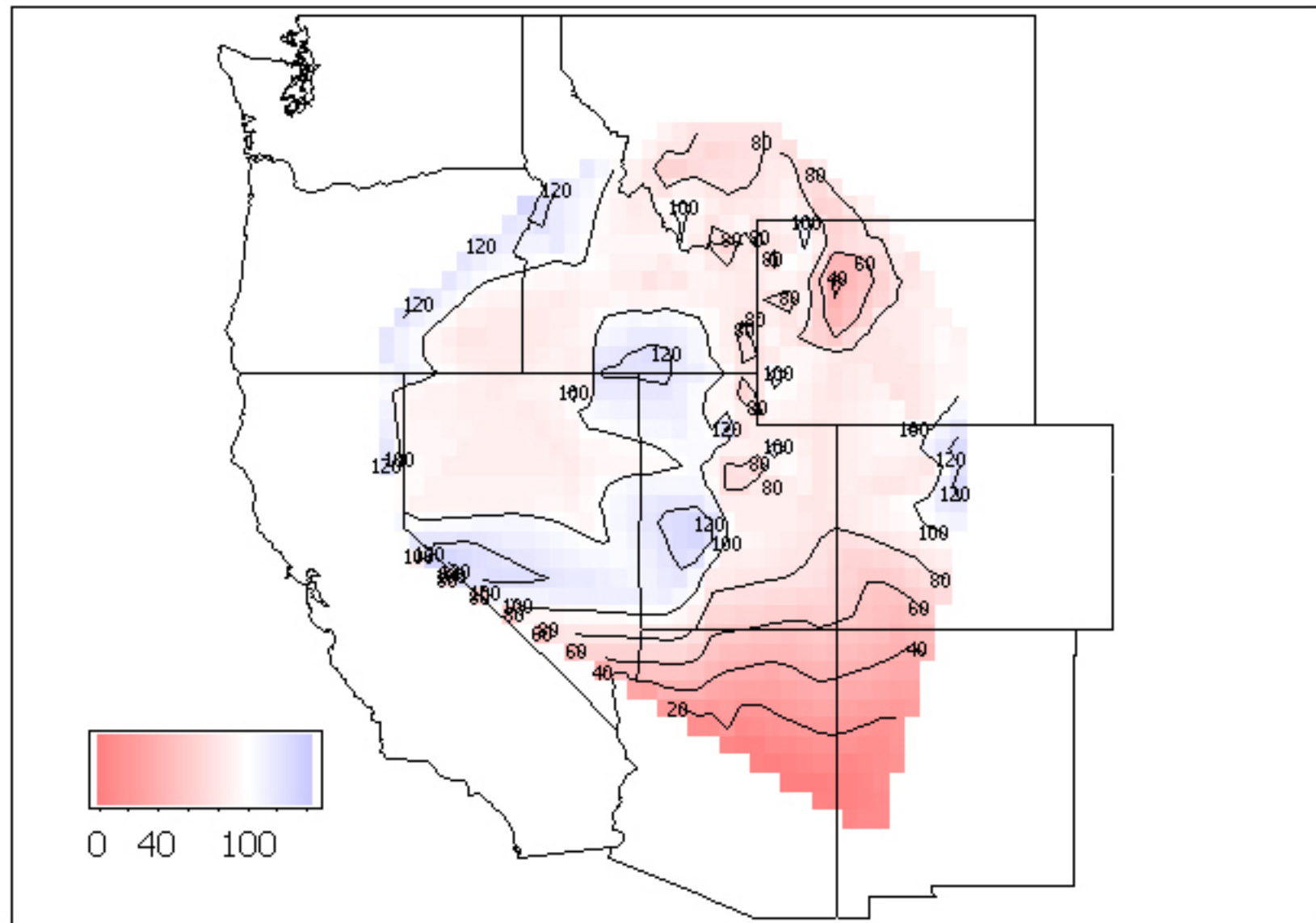
SNOTEL Snow Water Equivalent as Percent of Normal Stations Below 5000 Feet



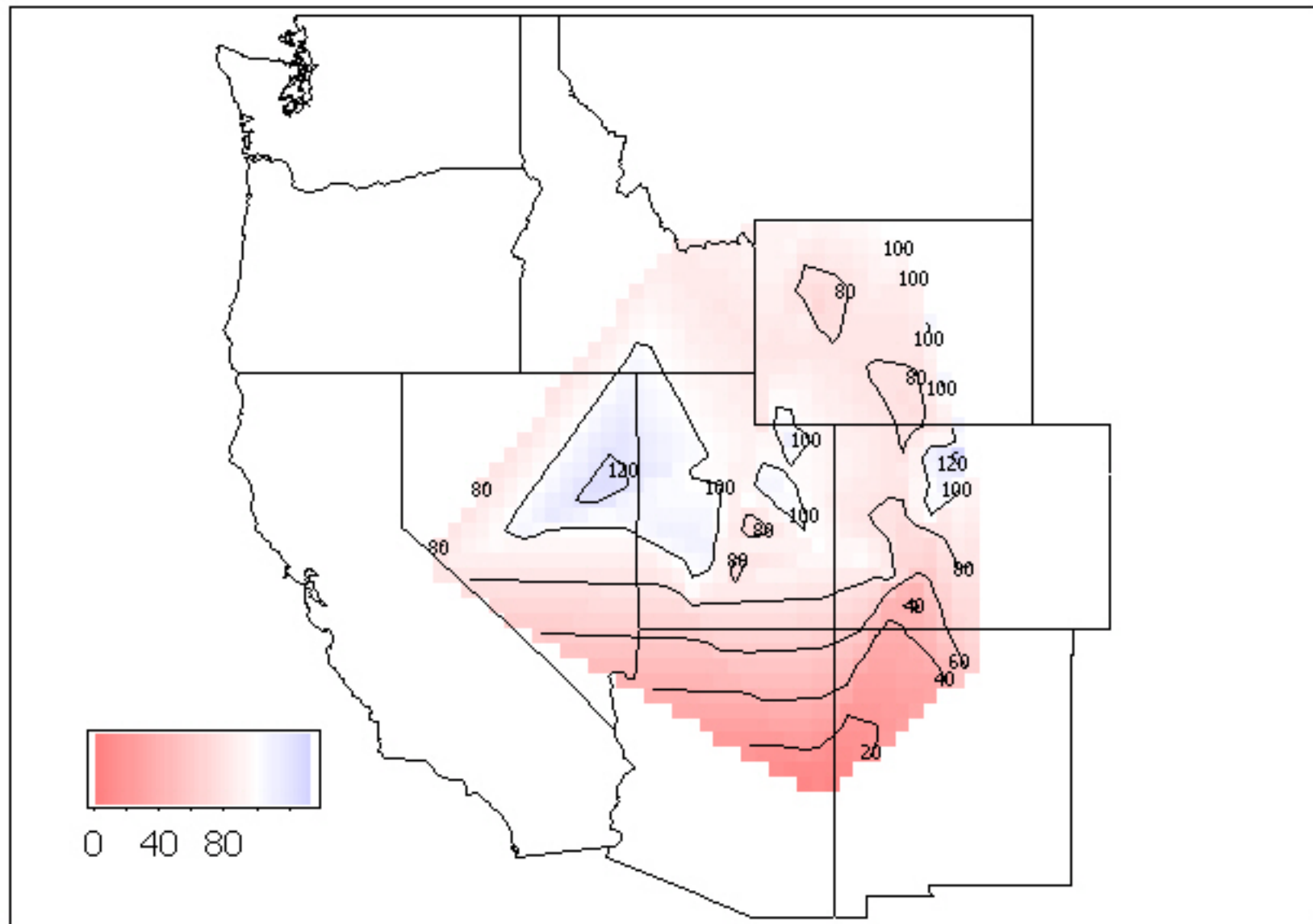
SNOTEL Snow Water Equivalent as Percent of Normal Stations Between 5000 and 7000 Feet



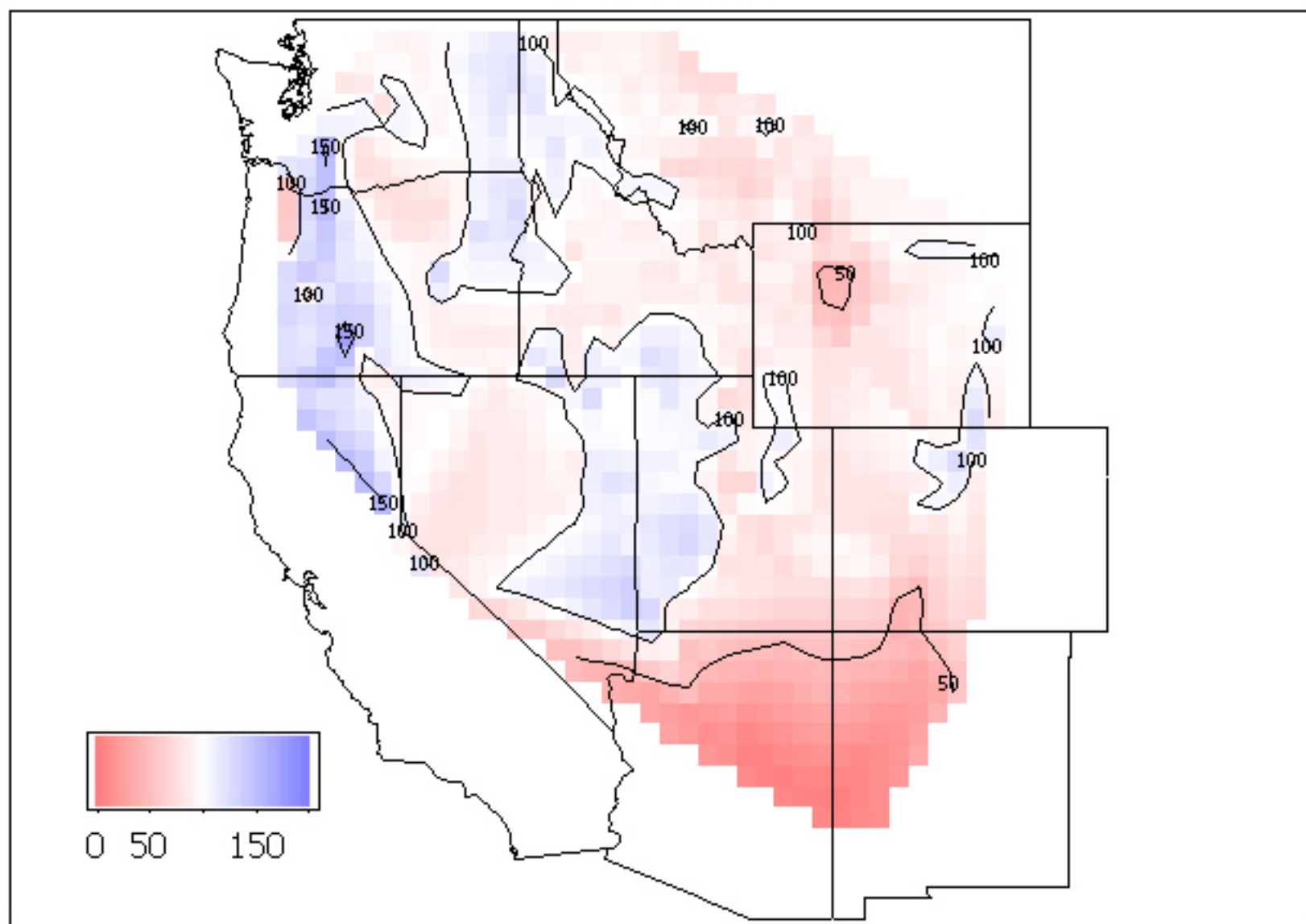
SNOTEL Snow Water Equivalent as Percent of Normal Stations Between 7000 and 9000 Feet



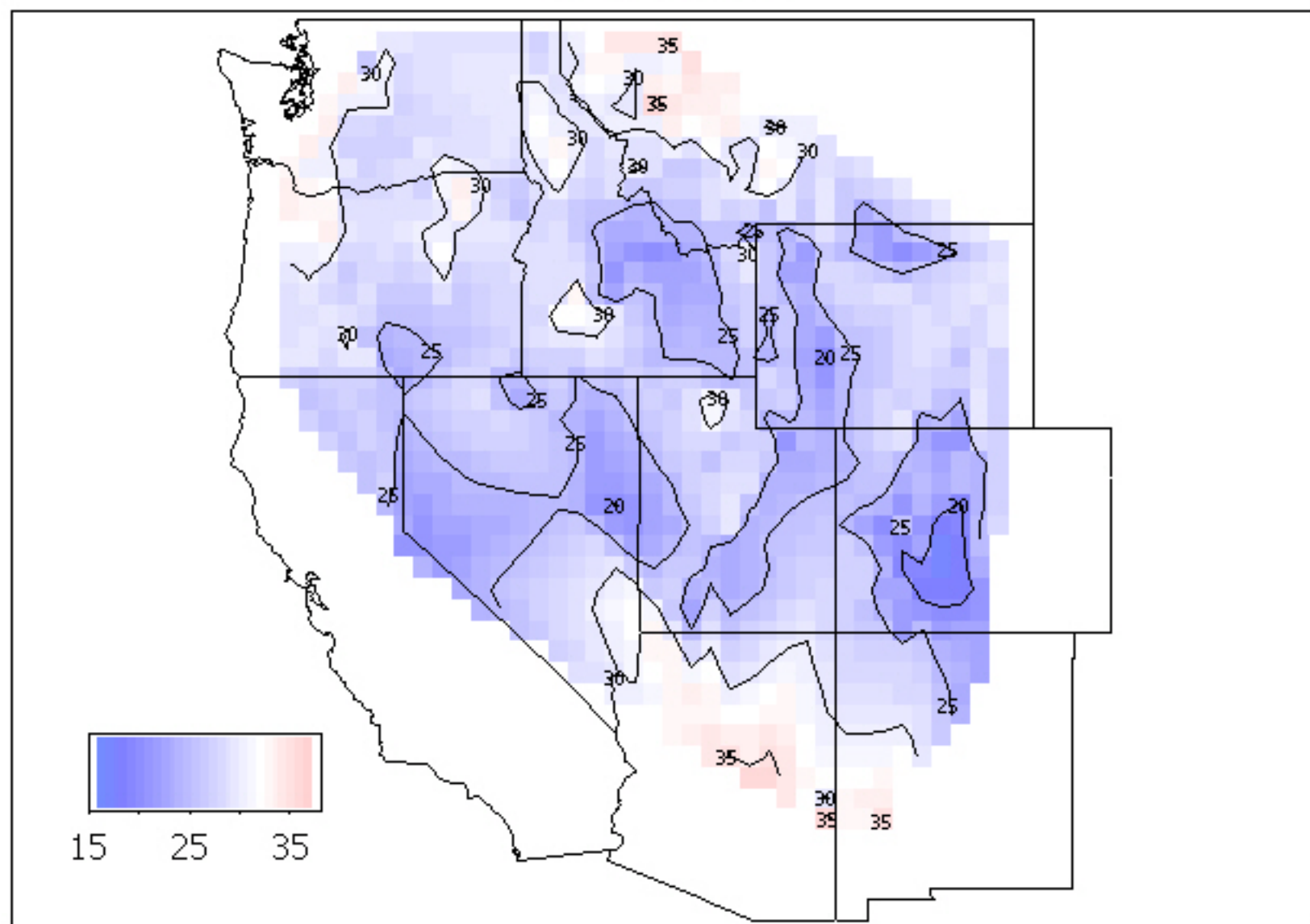
SNOTEL Snow Water Equivalent as Percent of Normal Stations Above 9000 Feet



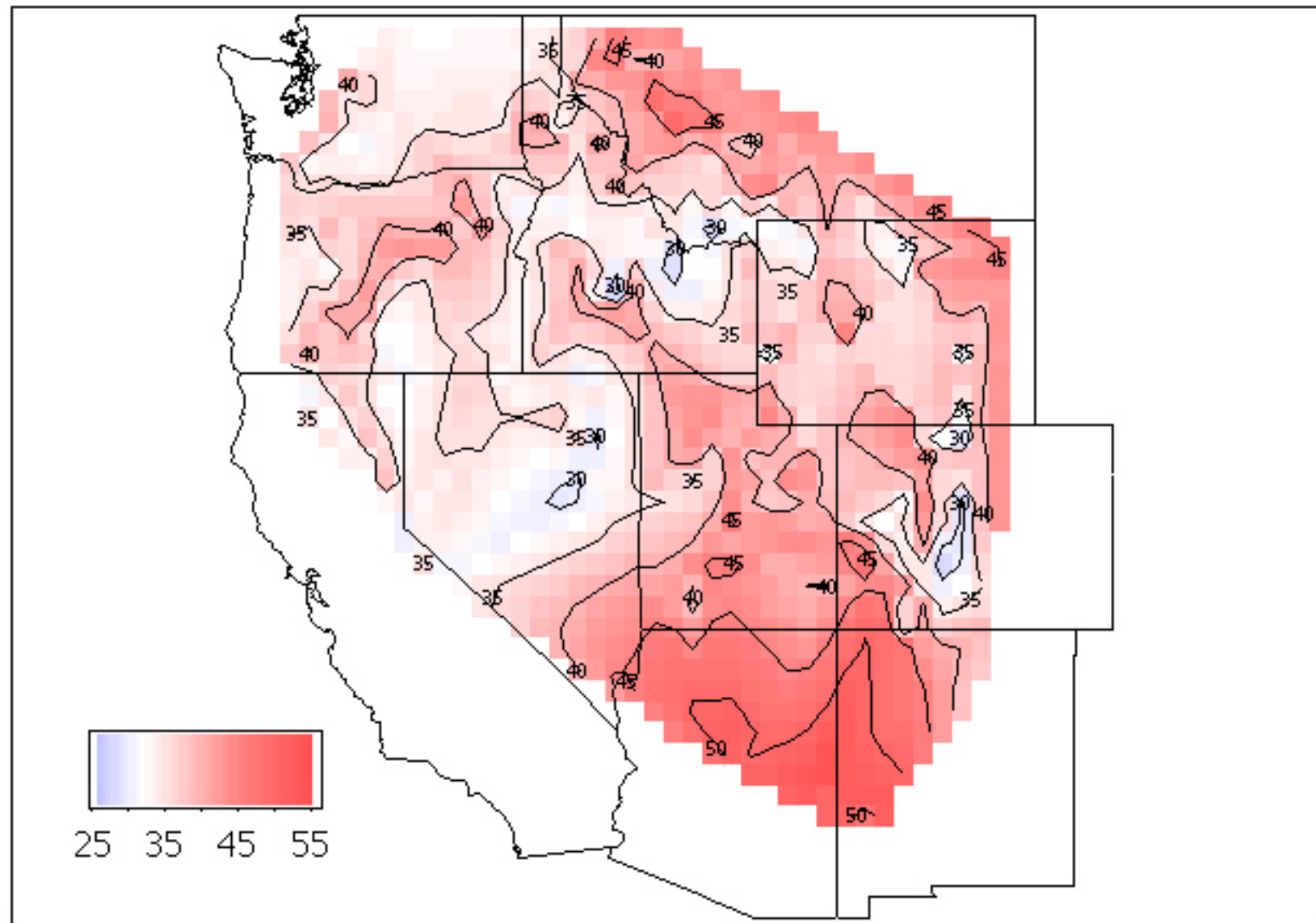
SNOTEL Snow Water Equivalent as Percent of Normal All Stations



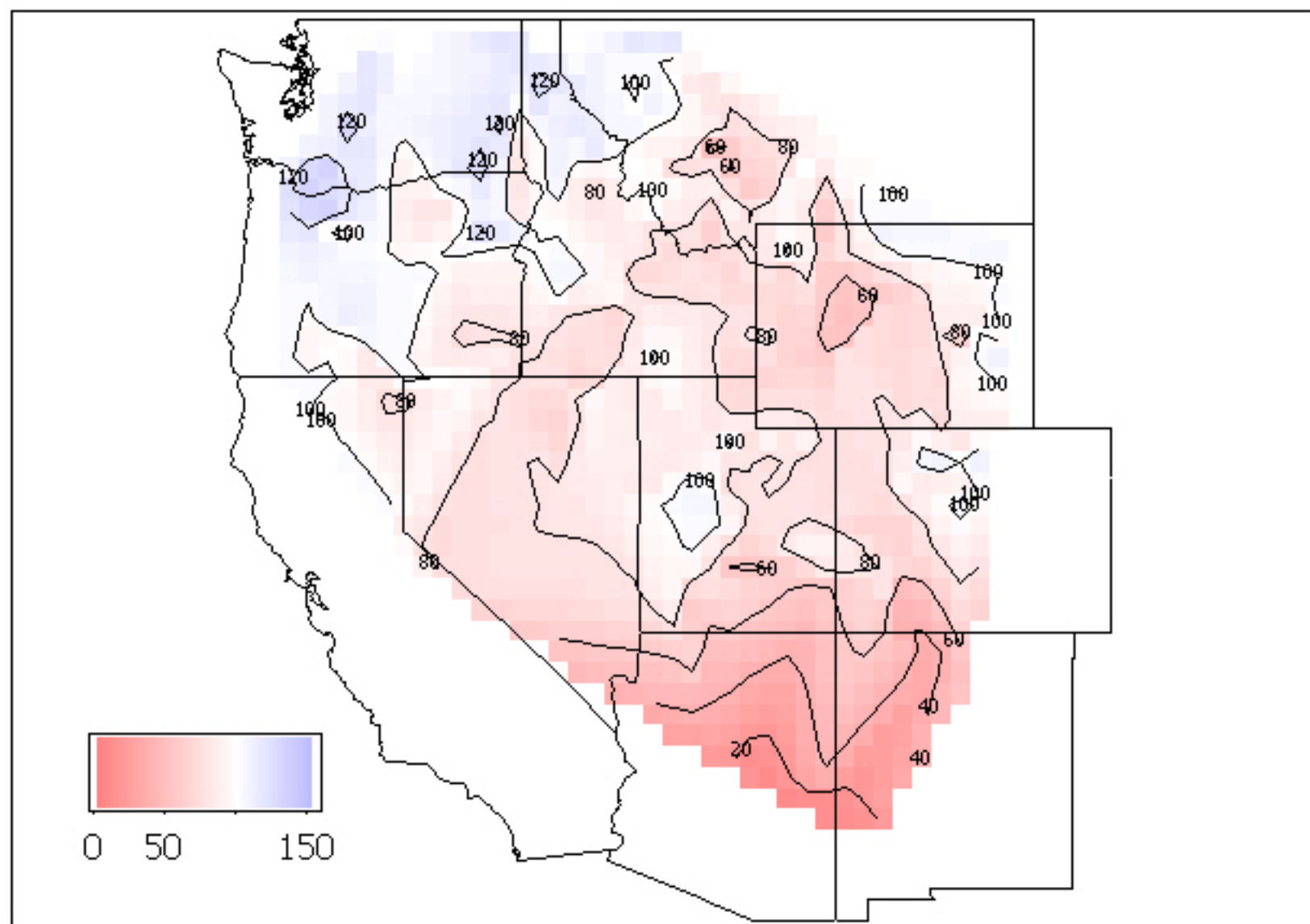
SNOTEL Daily Average Temperatures All Stations



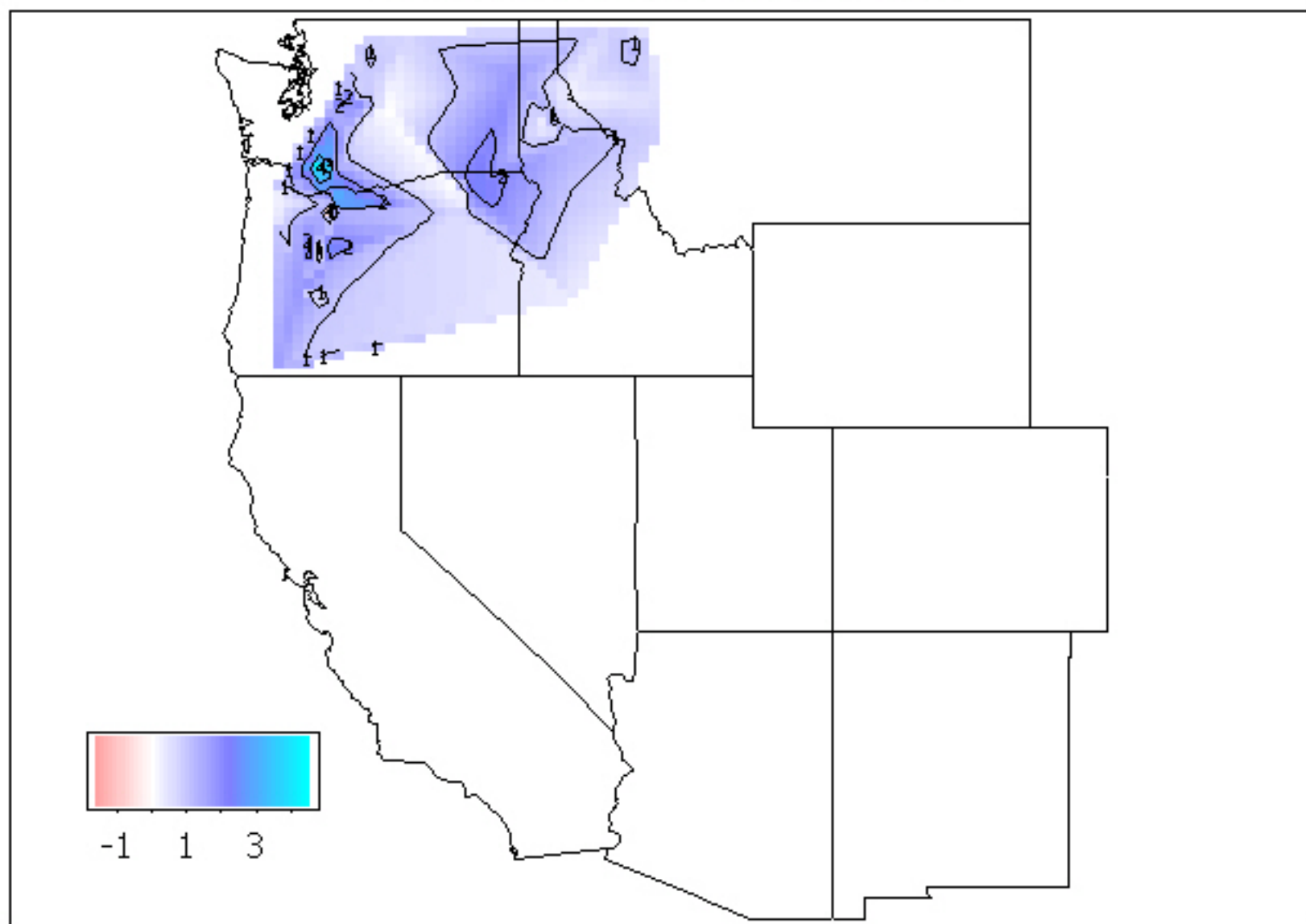
SNOTEL Daily Maximum Temperatures All Stations



SNOTEL Cumulative Precipitation as Percent of Normal All Stations

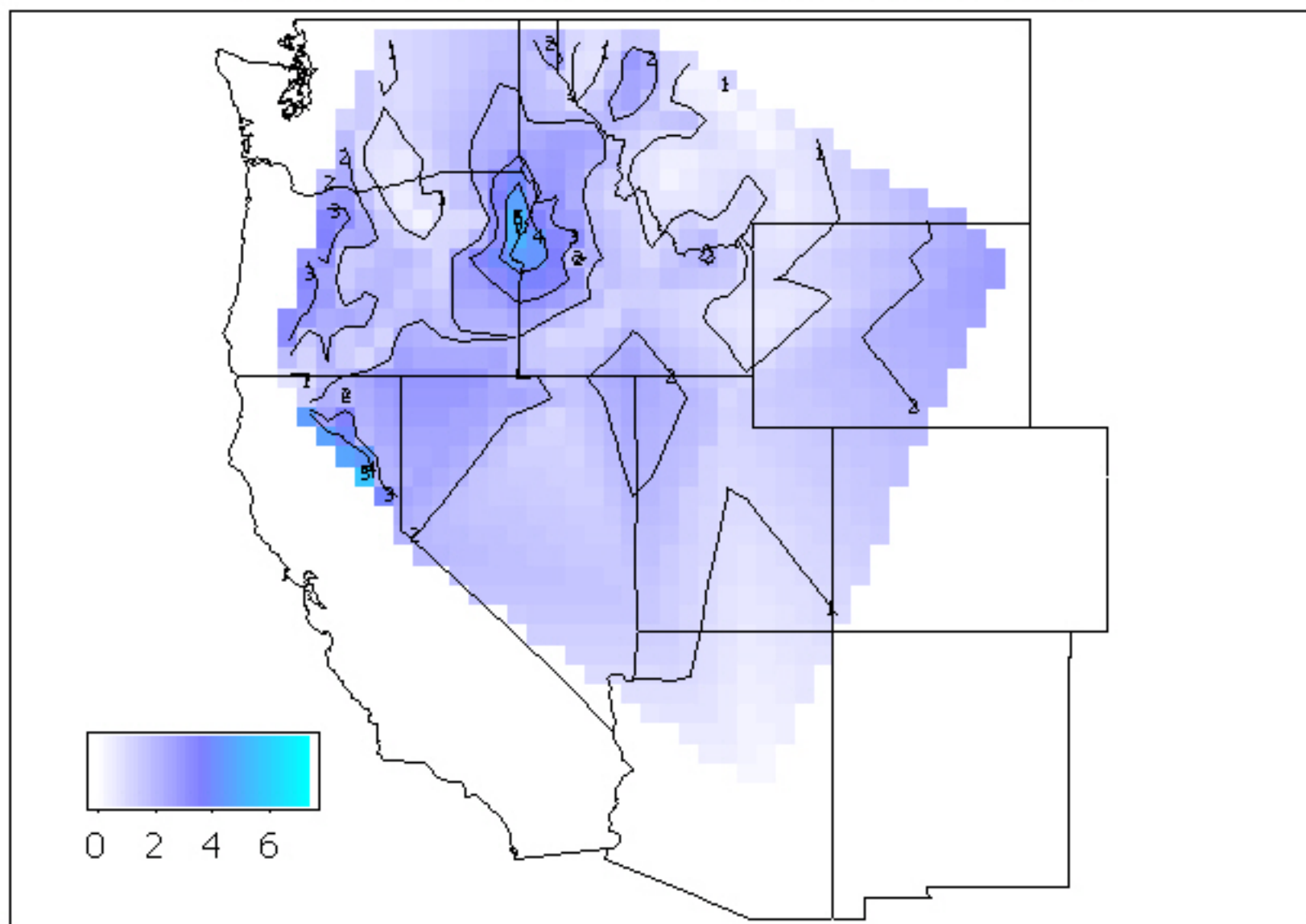


SNOTEL Snow Water Equivalent Change Stations Below 5000 Feet



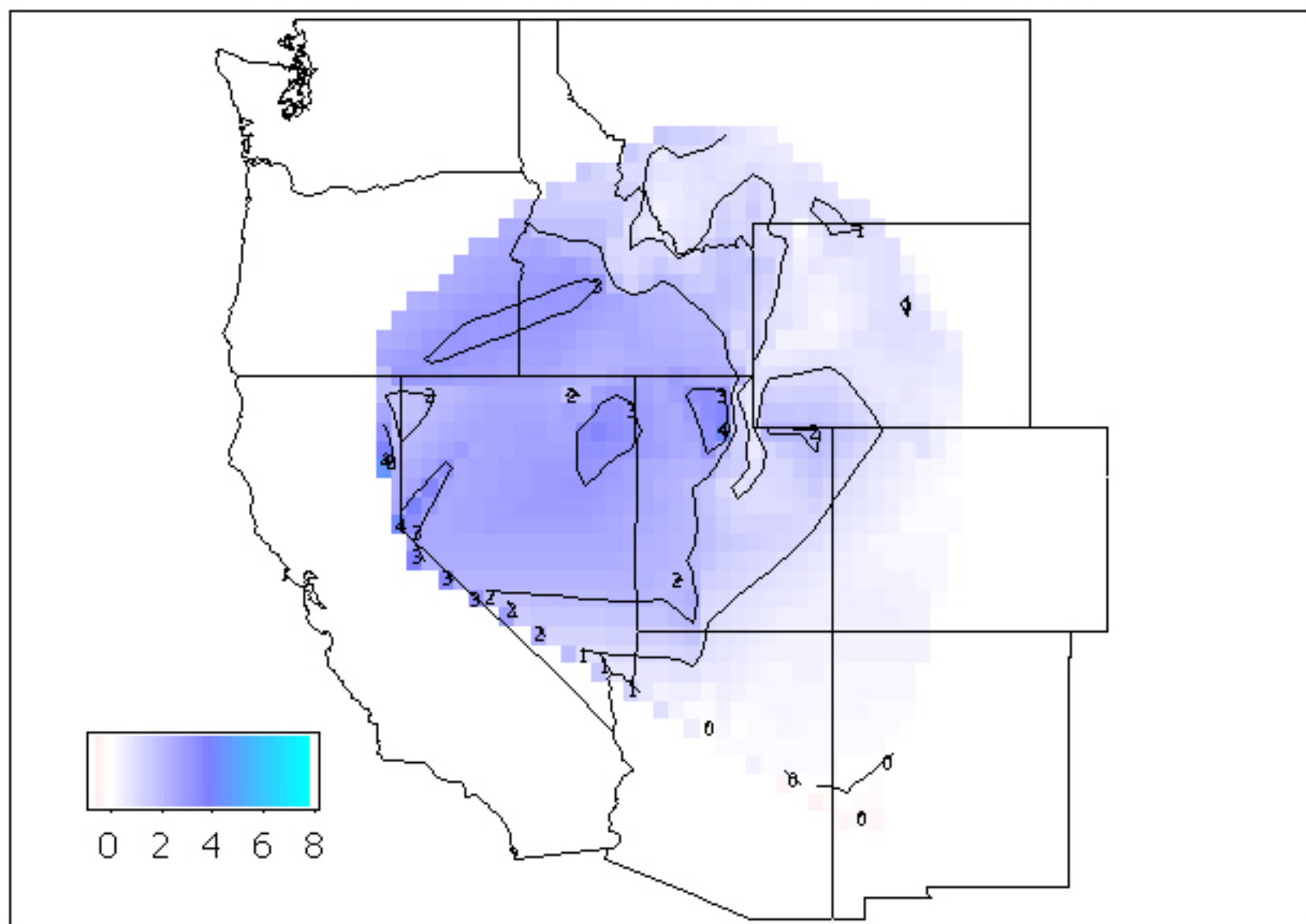
3/2/2000 Vs. 2/24/2000

SNOTEL Snow Water Equivalent Change Stations Between 5000 and 7000 Feet



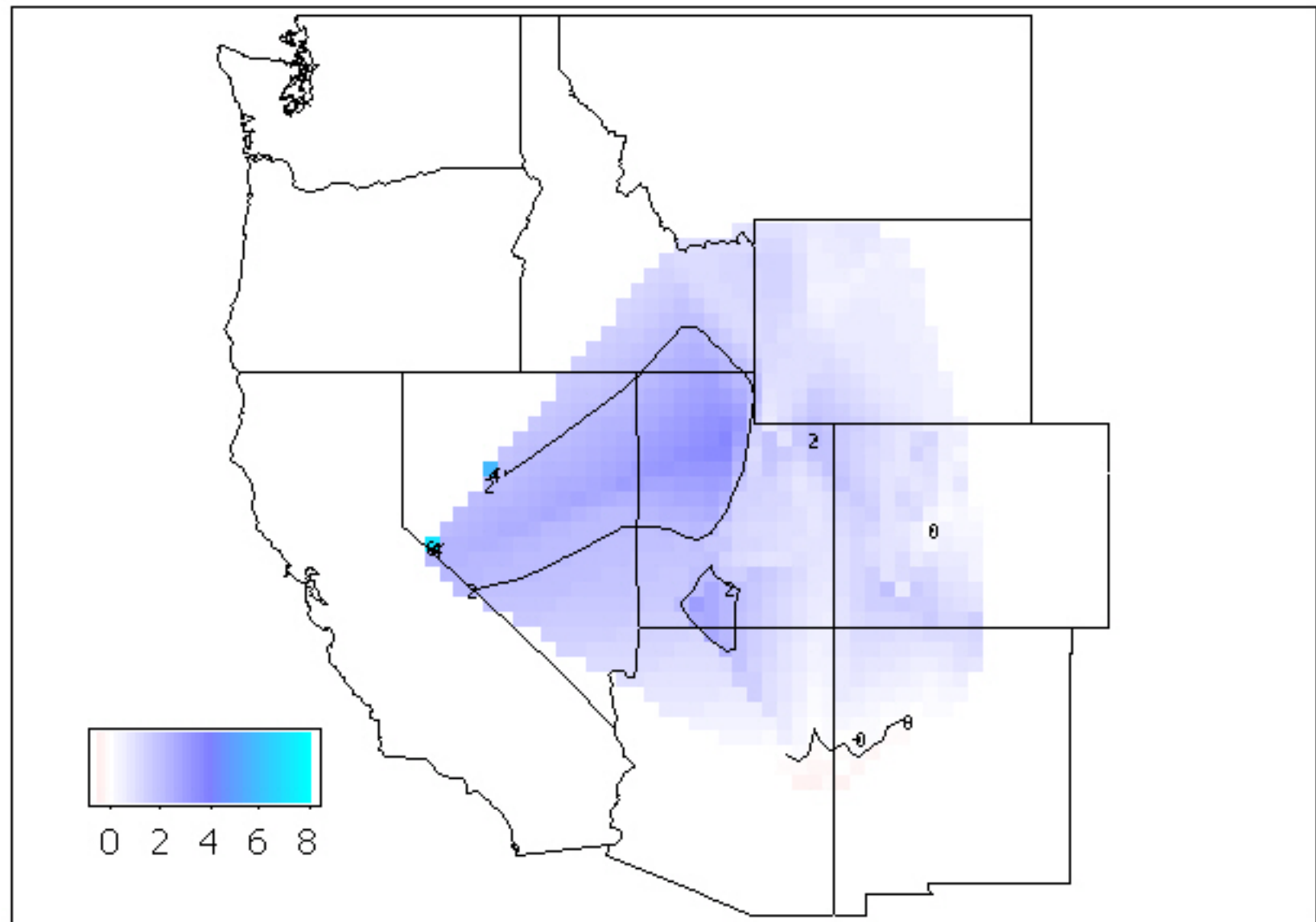
3/2/2000 Vs. 2/24/2000

SNOTEL Snow Water Equivalent Change Stations Between 7000 and 9000 Feet



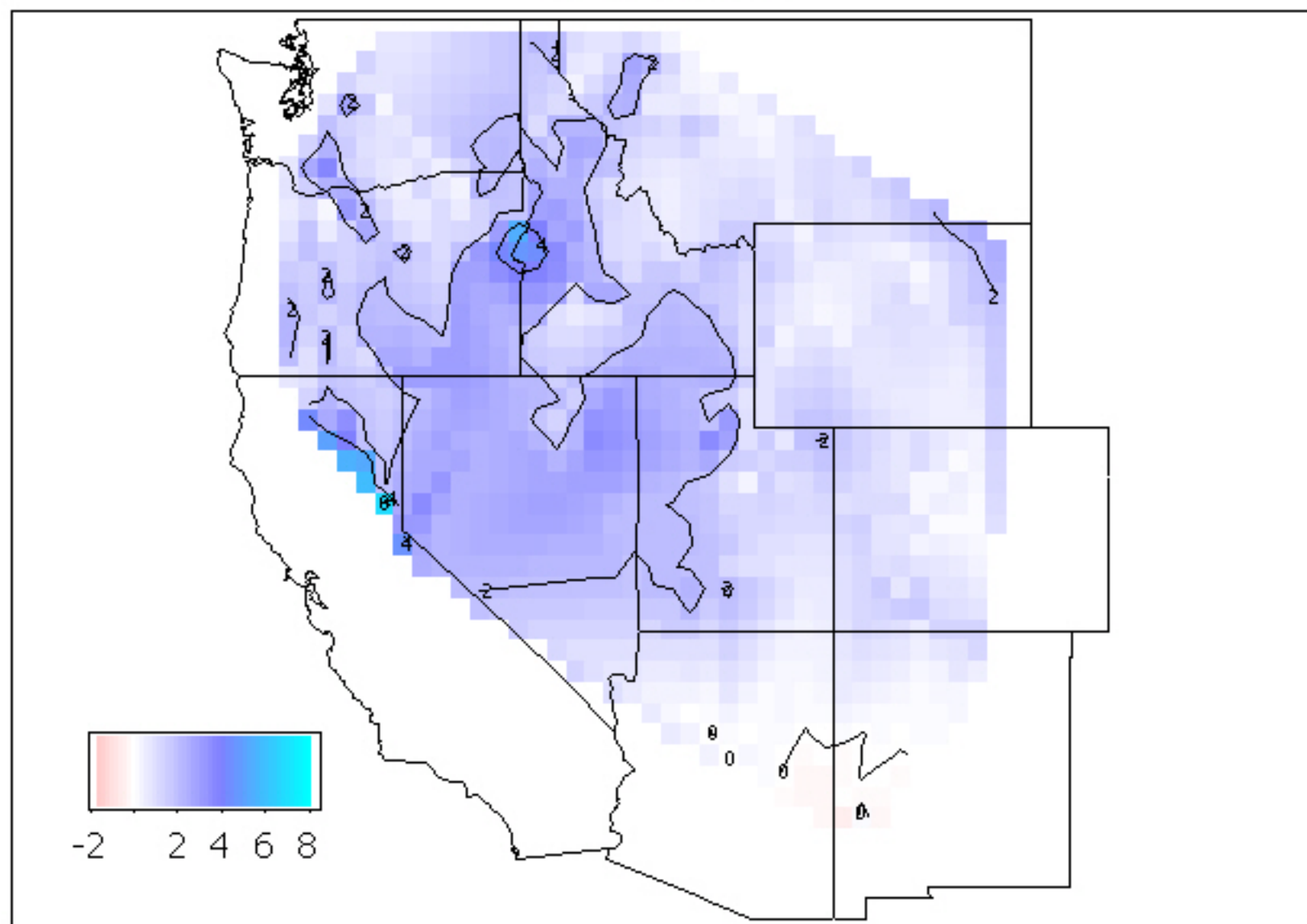
3/2/2000 Vs. 2/24/2000

SNOTEL Snow Water Equivalent Change Stations Above 9000 Feet



3/2/2000 Vs. 2/24/2000

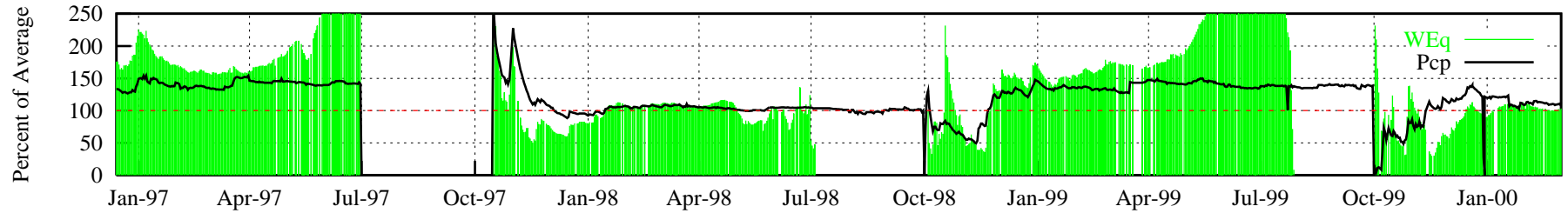
SNOTEL Snow Water Equivalent Change All Stations



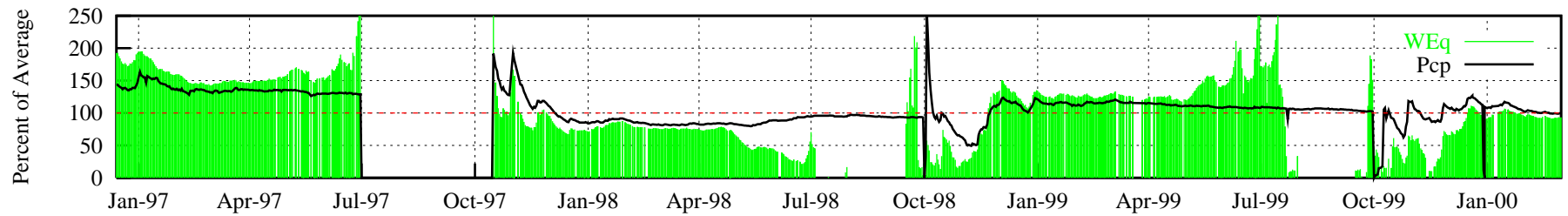
3/2/2000 Vs. 2/24/2000

Pacific Northwest Snow Summary
January, 1997 - Present

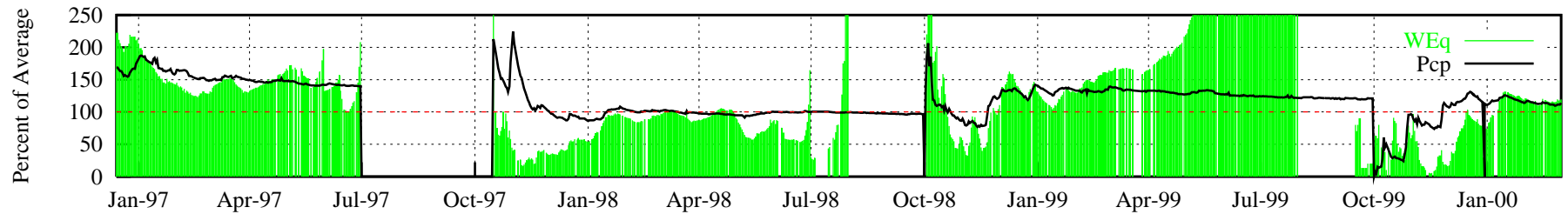
Upper Columbia Index



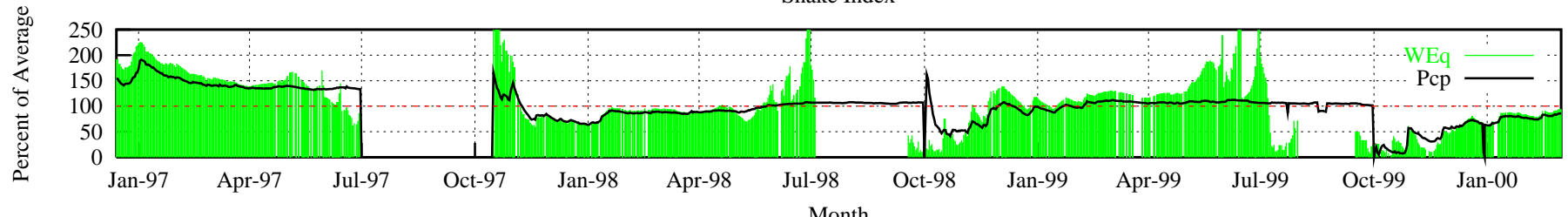
Kootenai / Flathead Index



Cascade West Index



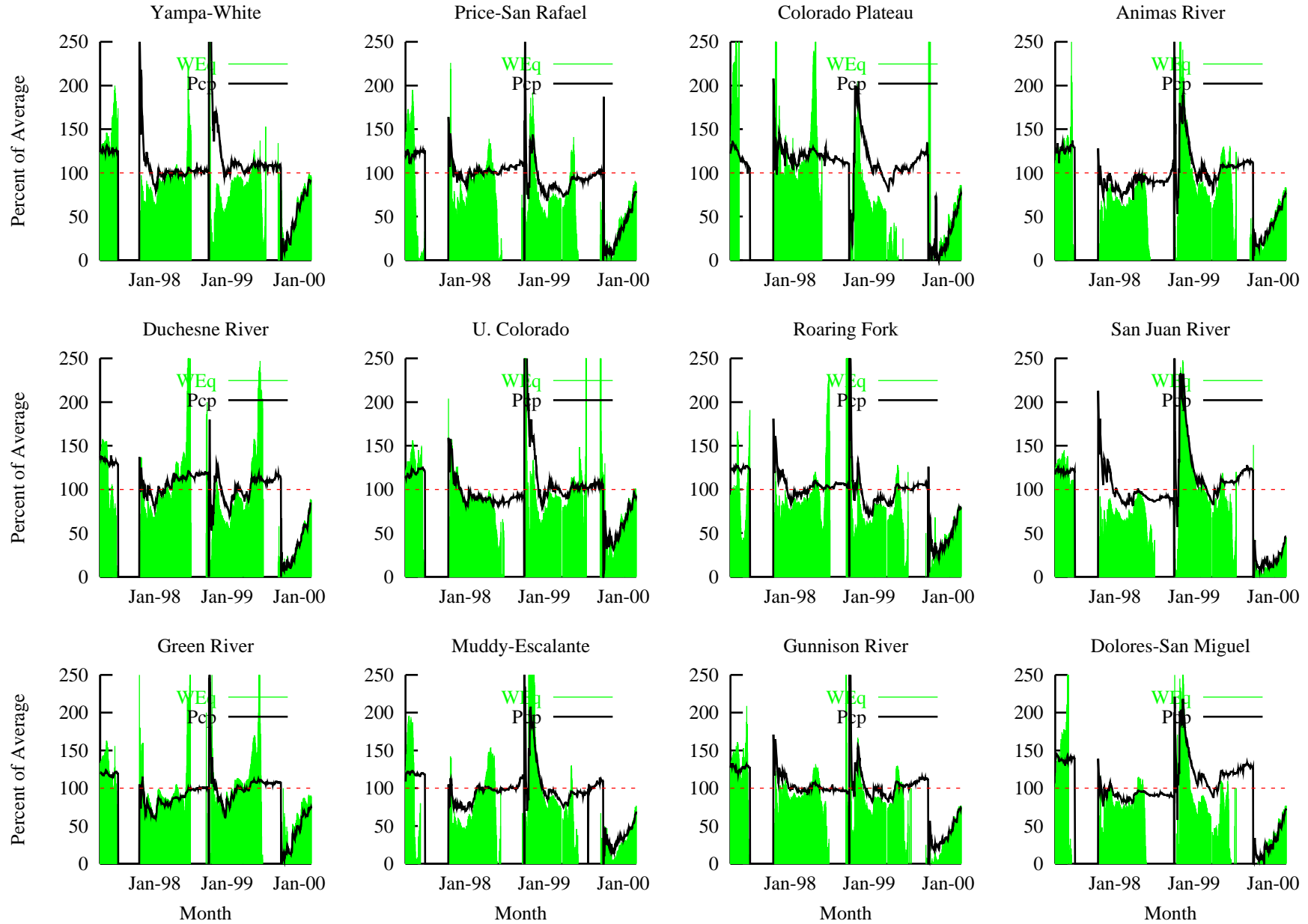
Snake Index



Month

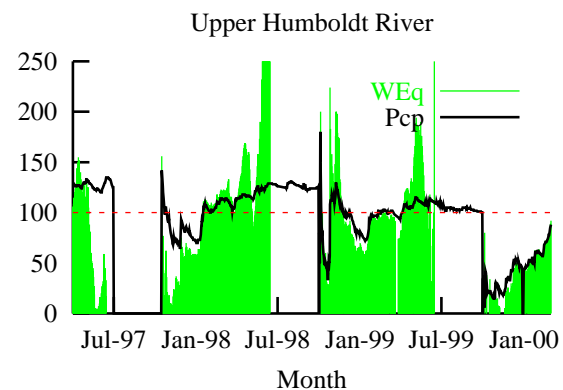
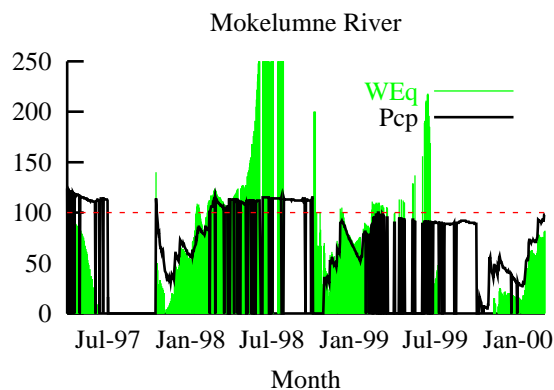
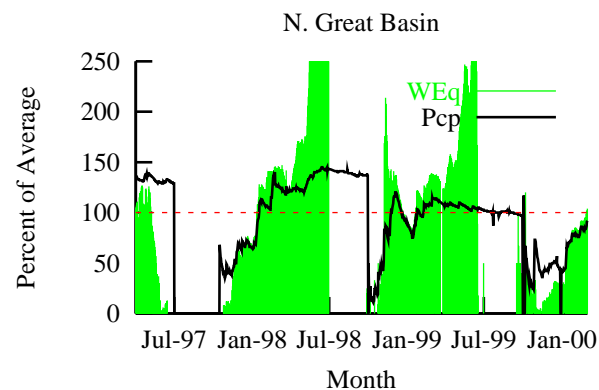
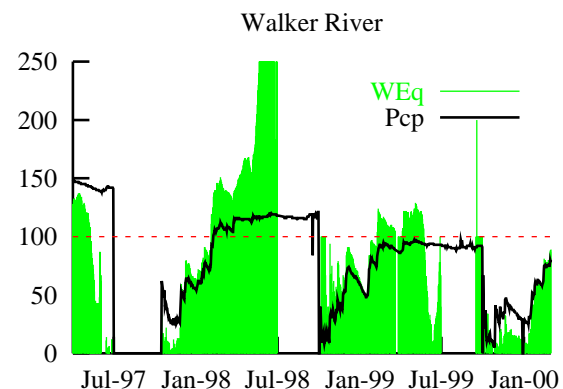
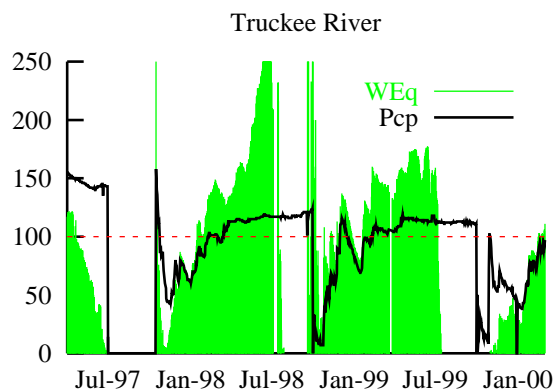
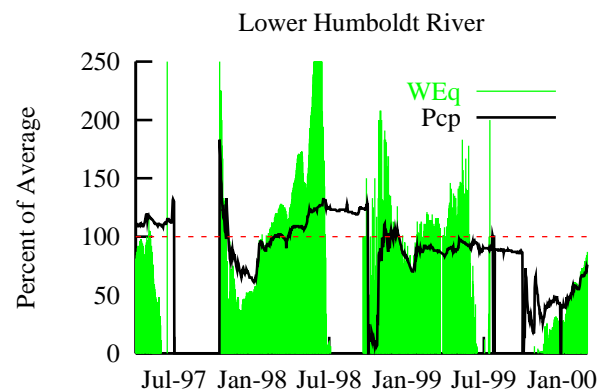
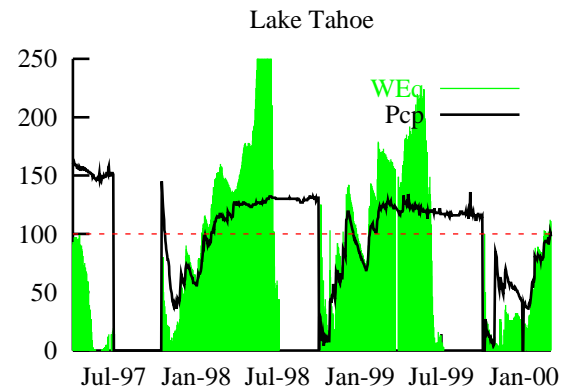
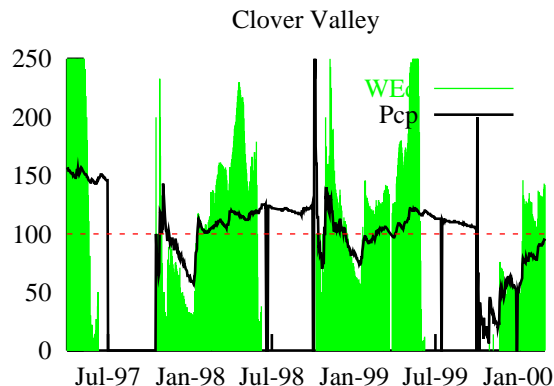
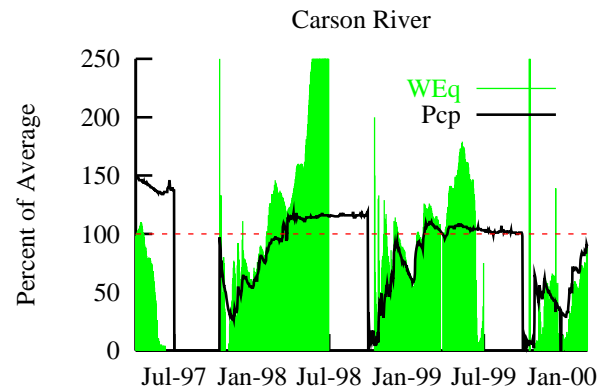
Confidential

Colorado River Basin Snow Summary
April, 1997 - Present



Confidential

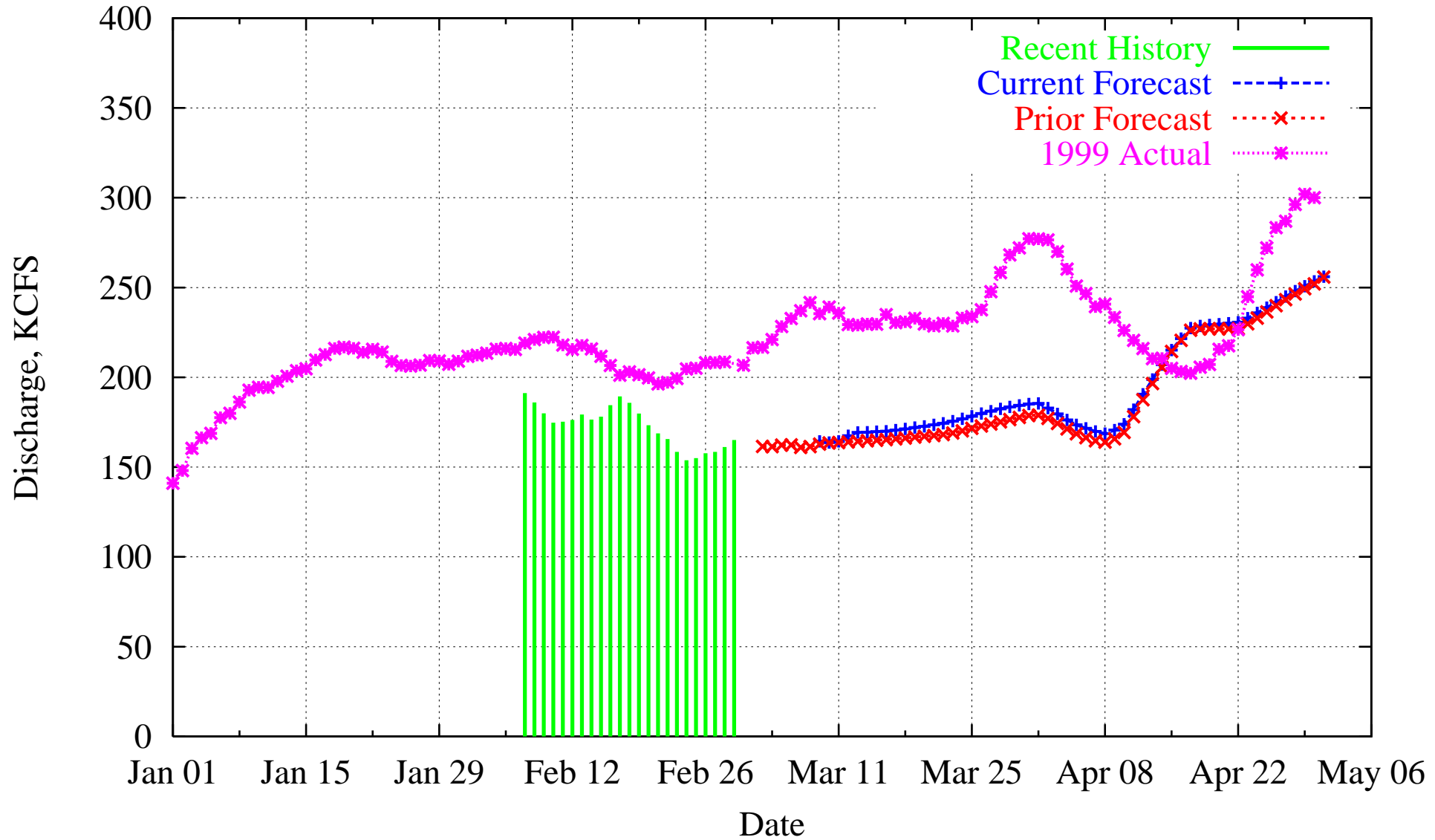
California / Nevada Snow Summary April, 1997 - Present



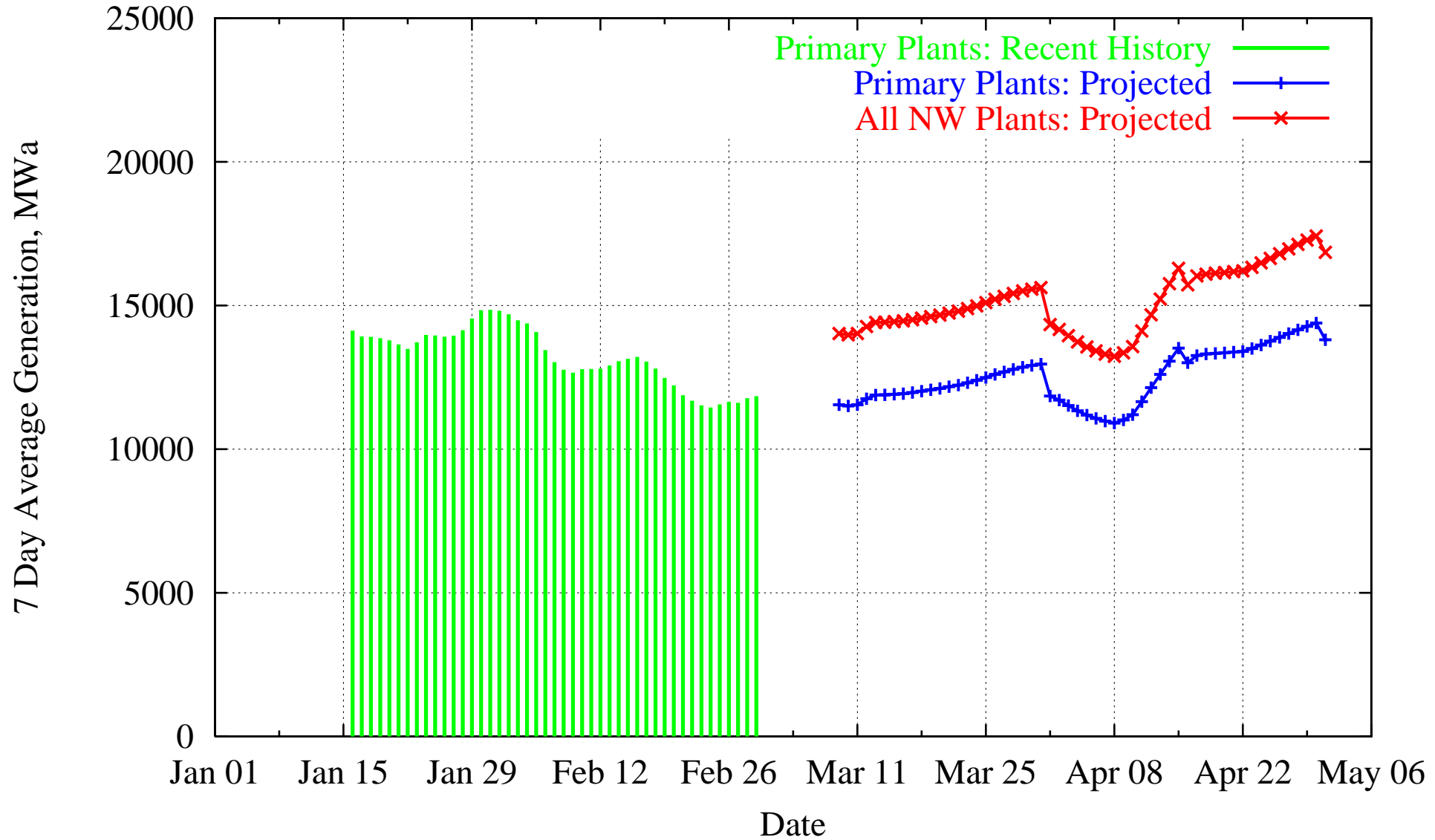
Confidential

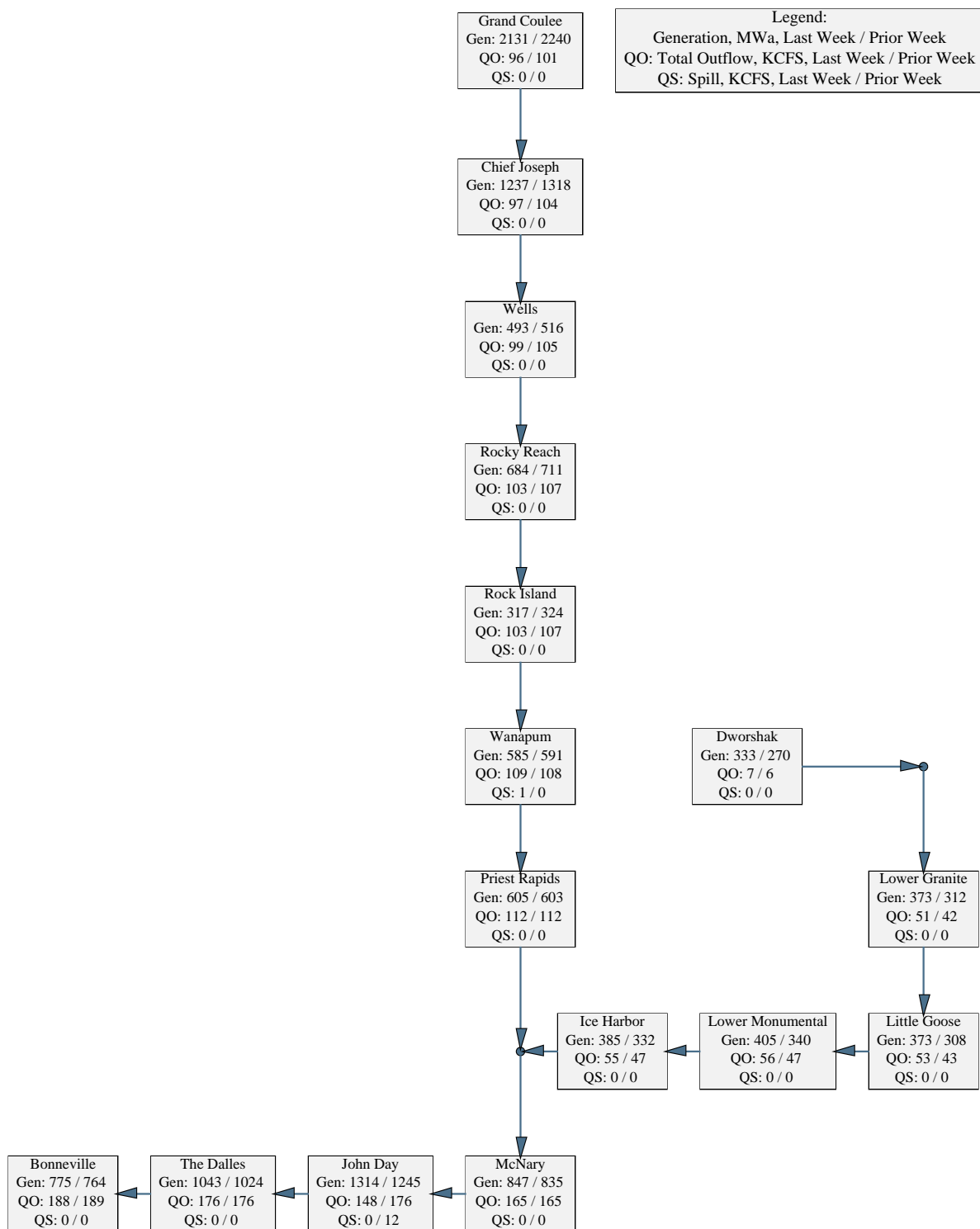
March 02, 2000

McNary Discharge History & Forecasts: 7 Day Moving Averages



Northwest Hydro Production Recent History & Current Forecasts



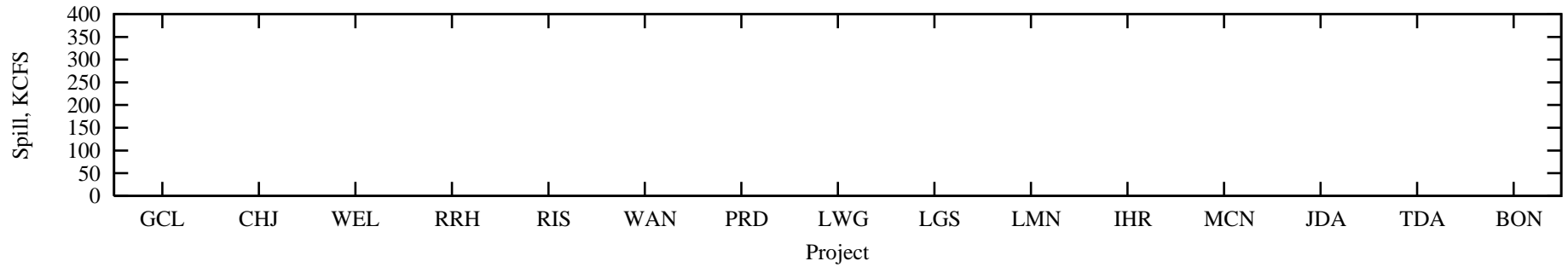


Columbia River and Snake River
 Hydroelectric Plant Operations
 7 Day Averages
 March 02, 2000

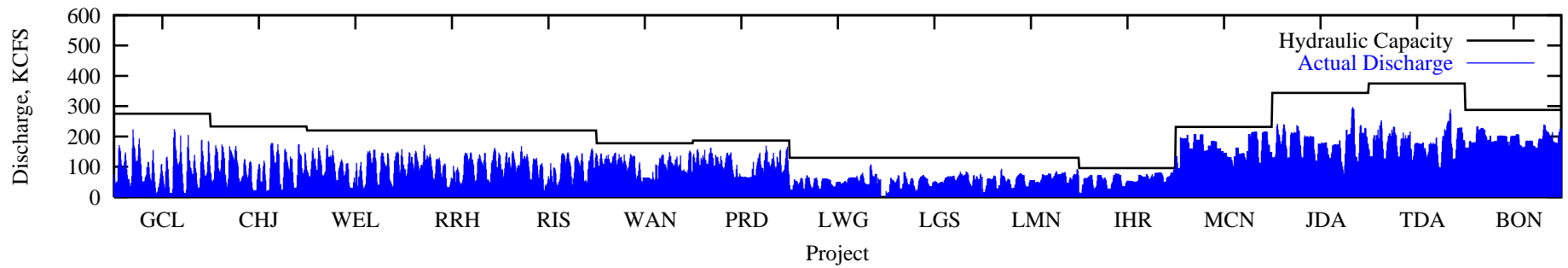
Confidential

Columbia & Lower Snake River Hourly Operations

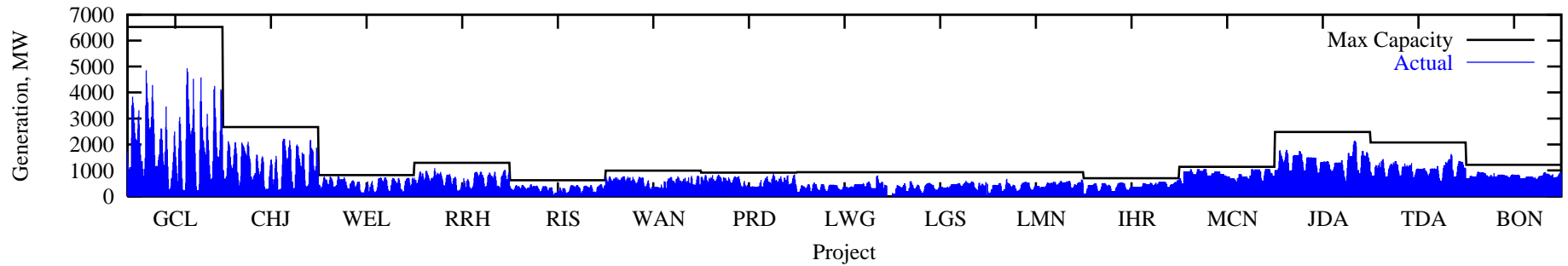
Spill
168 Hours Ending 2200, March 1, 2000



Total Discharge
168 Hours Ending 2200, March 1, 2000

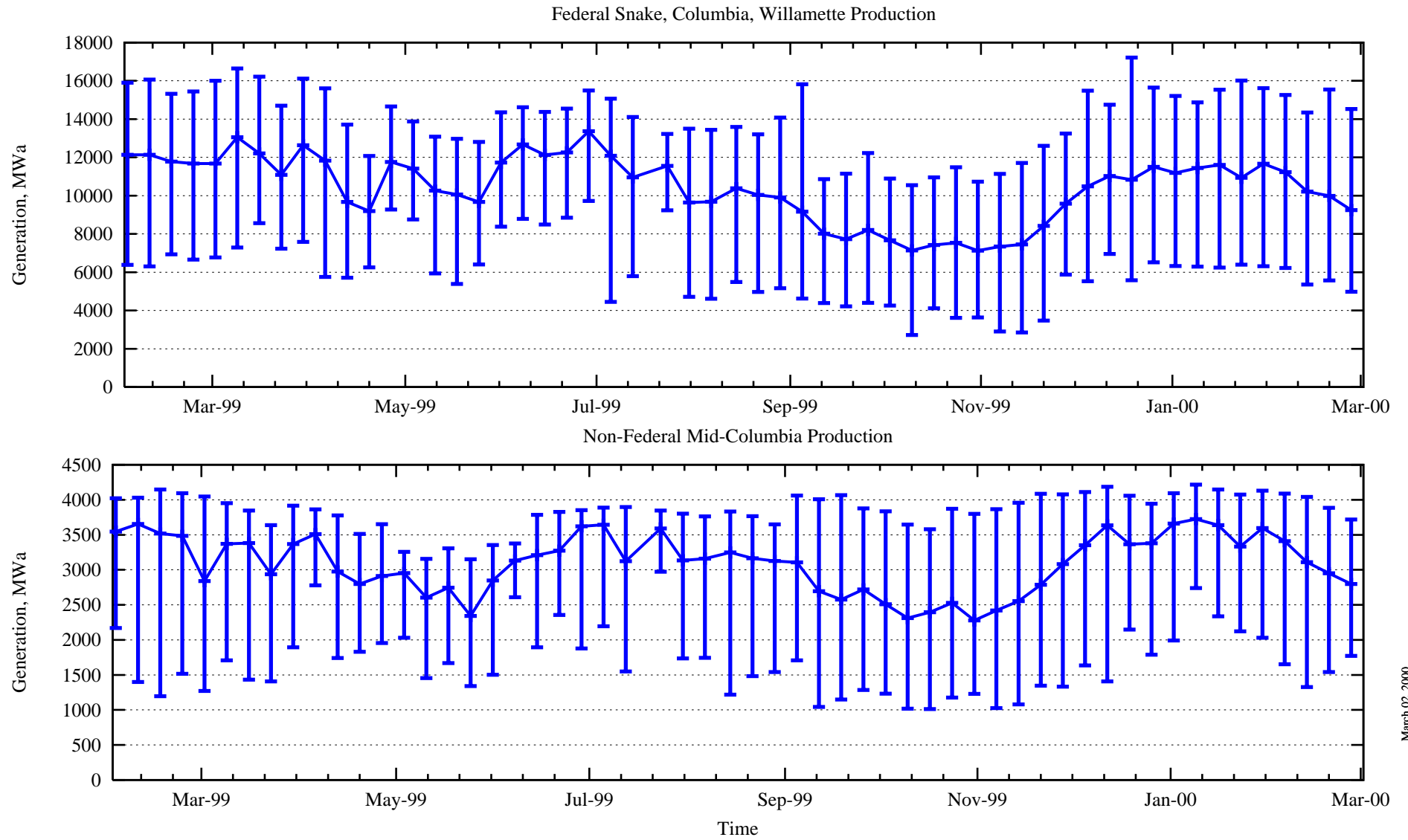


Generation
168 Hours Ending 2200, March 1, 2000



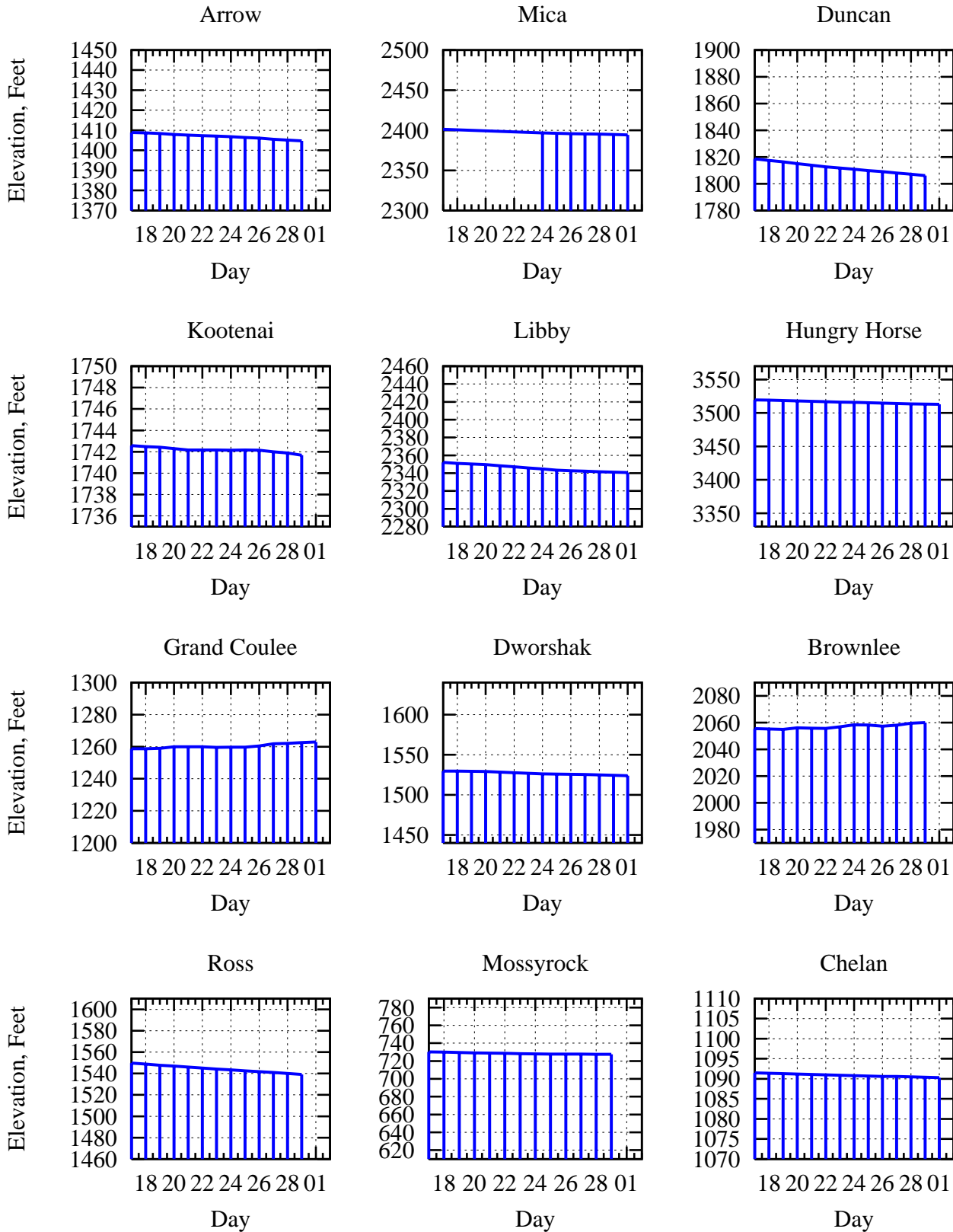
Confidential

Weekly High / Low / Average Hydro Generation
Last 13 Months



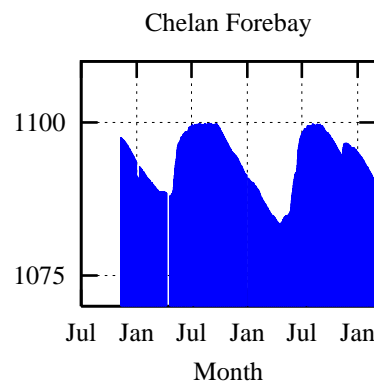
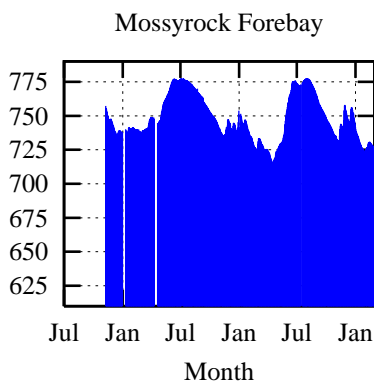
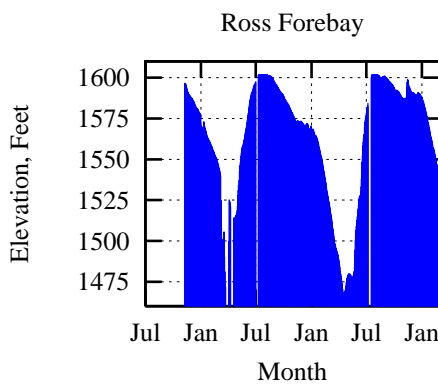
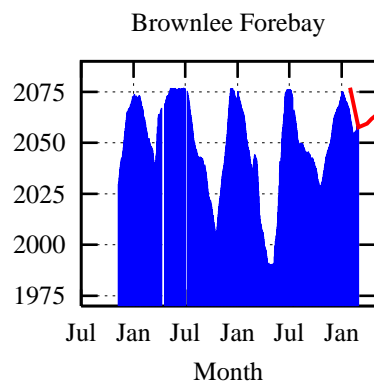
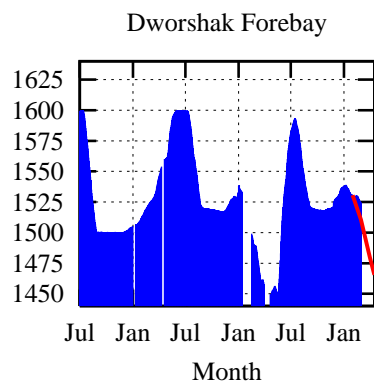
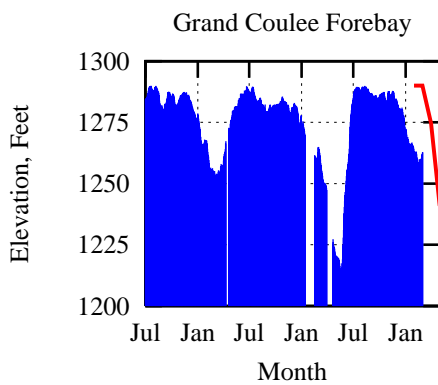
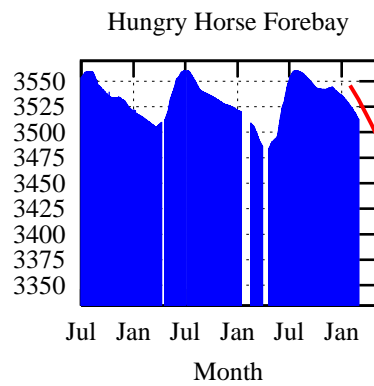
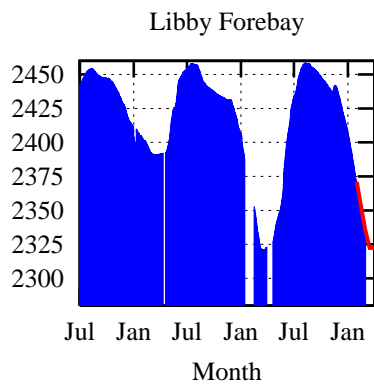
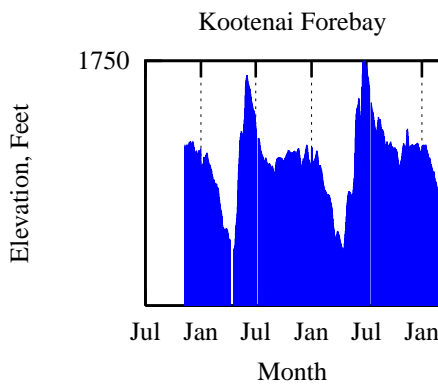
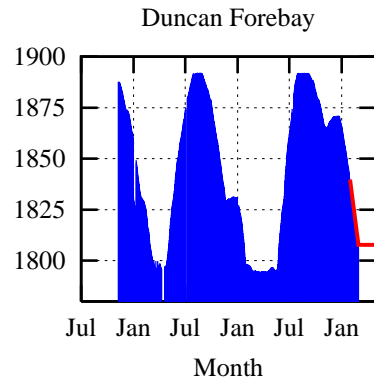
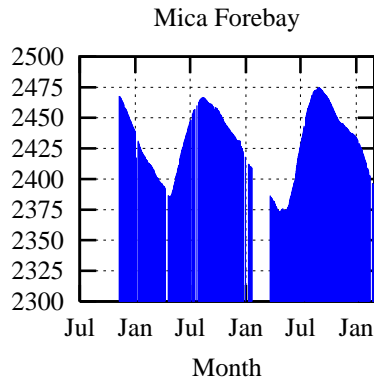
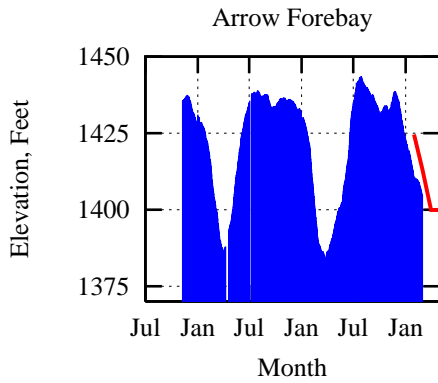
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Daily Reservoir Elevation Summary



March 02, 2000

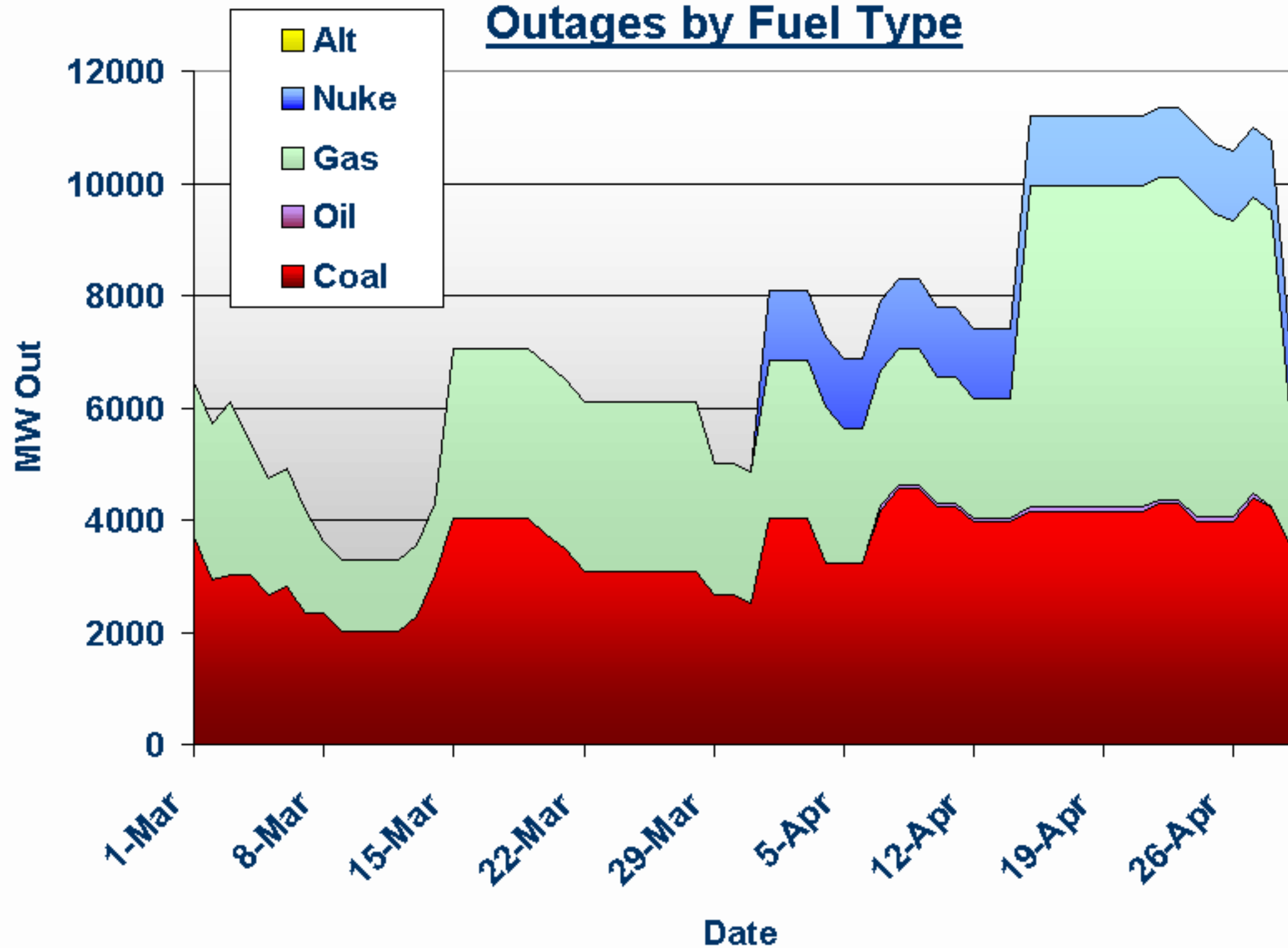
**Daily Reservoir Summary
July, 1997 - Present**



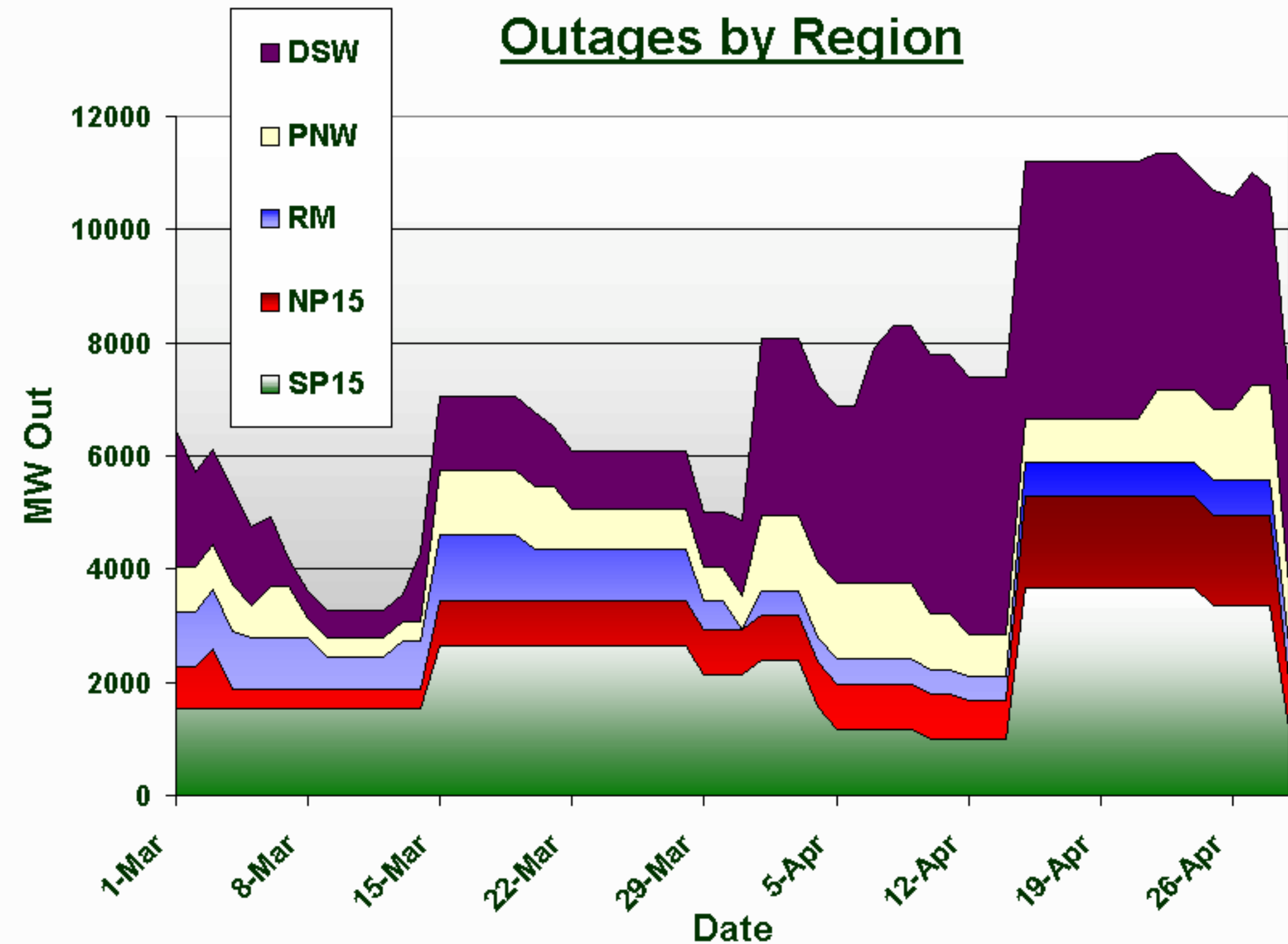
Confidential

March 02, 2000

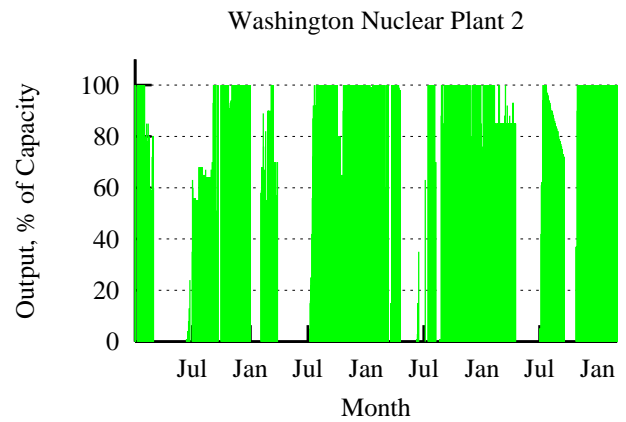
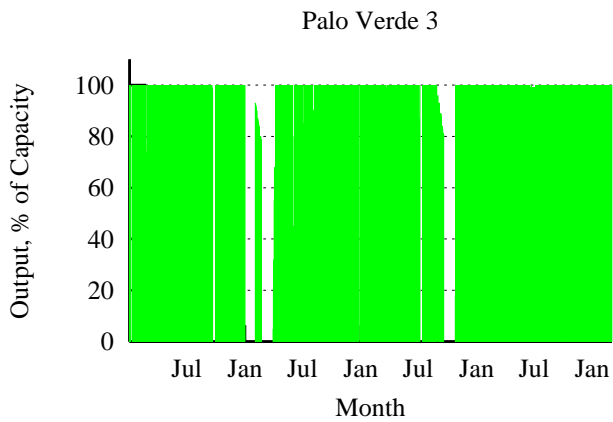
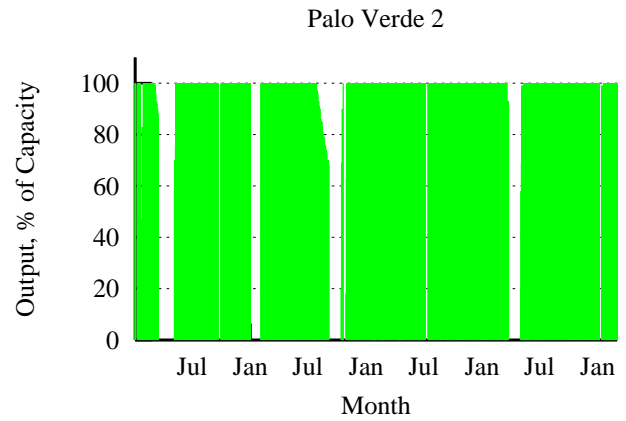
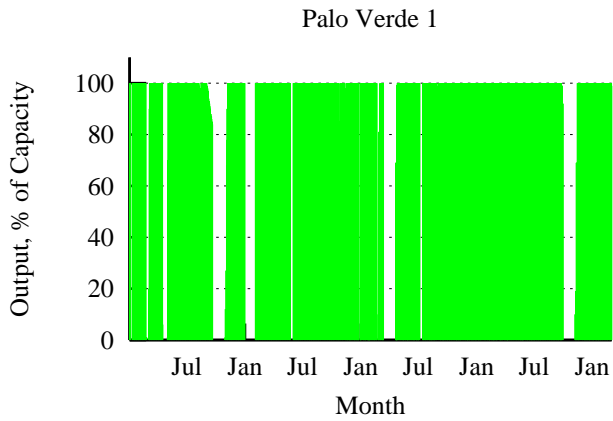
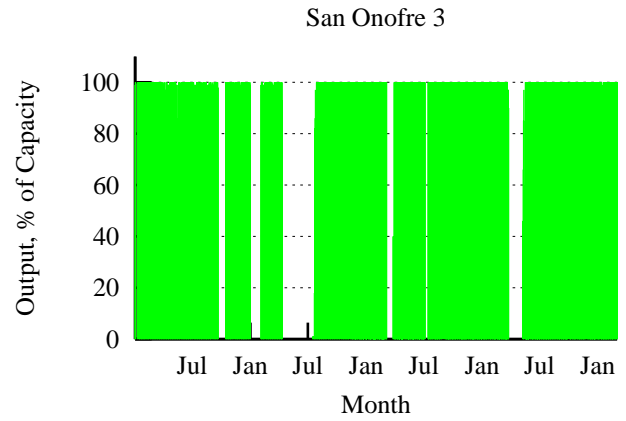
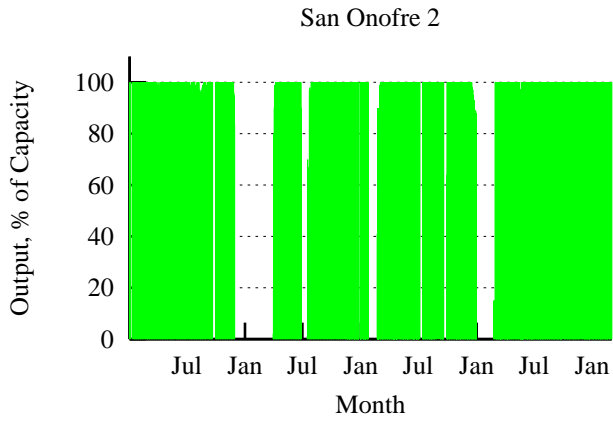
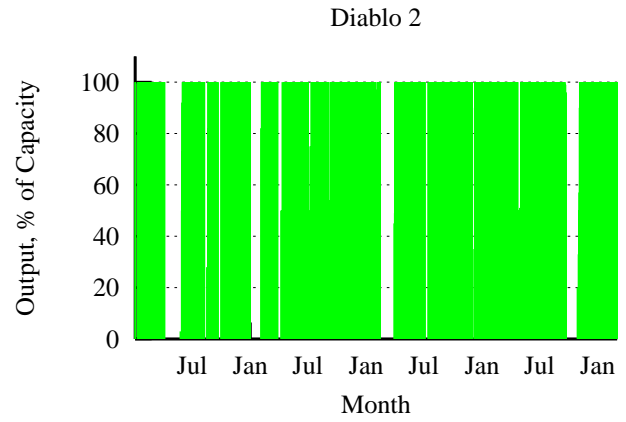
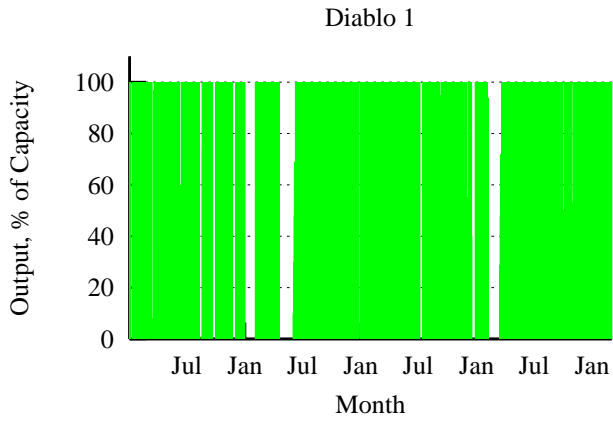
Outages by Fuel Type



Outages by Region



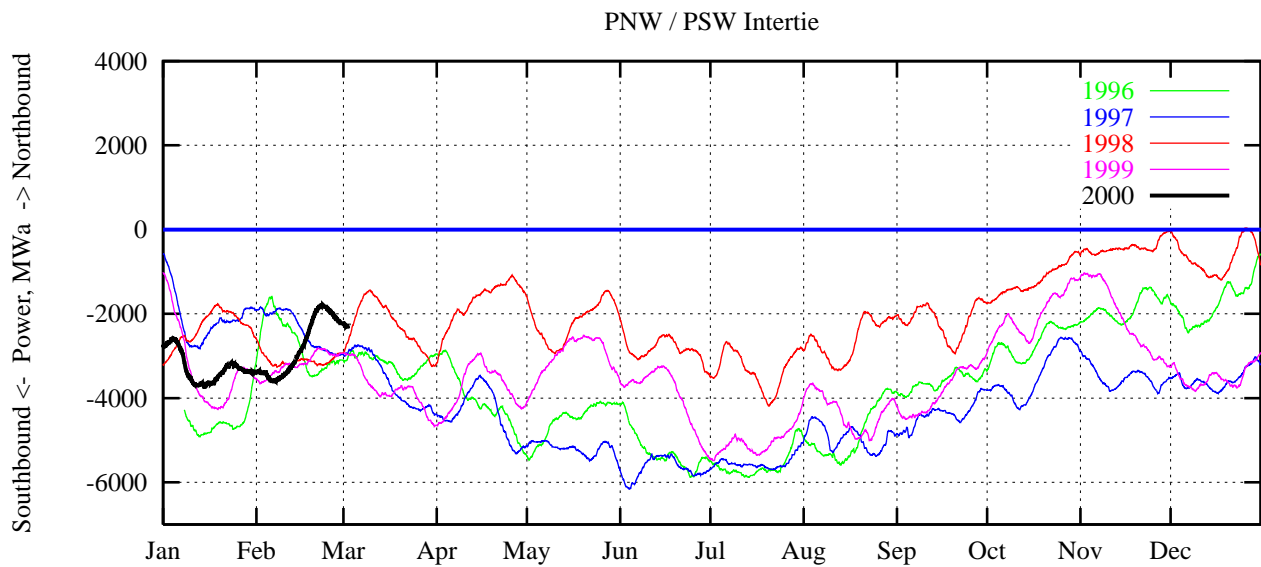
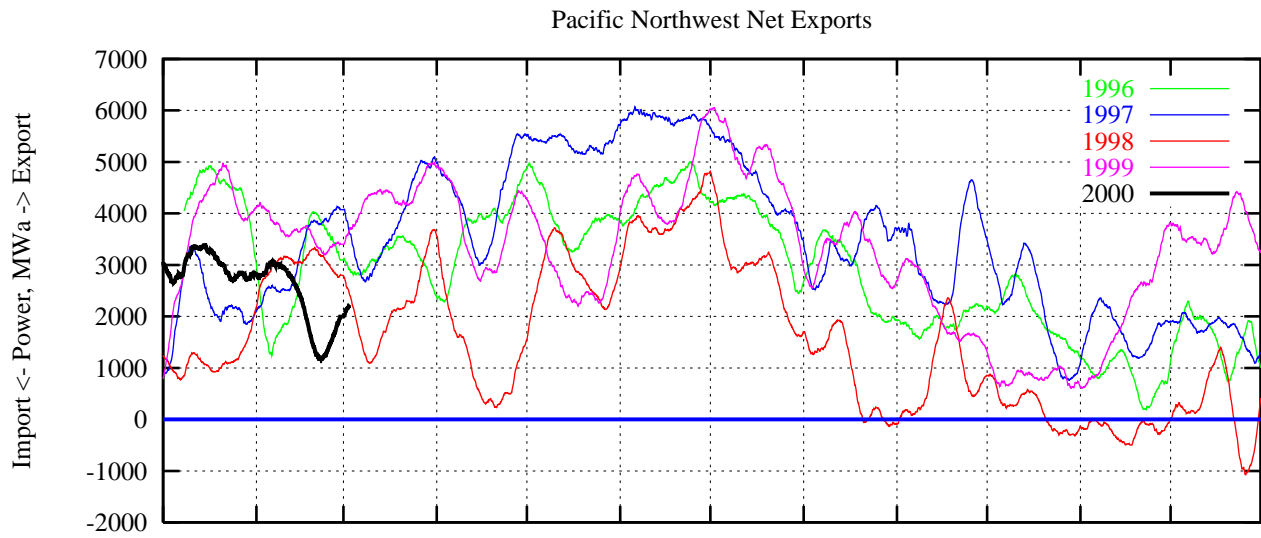
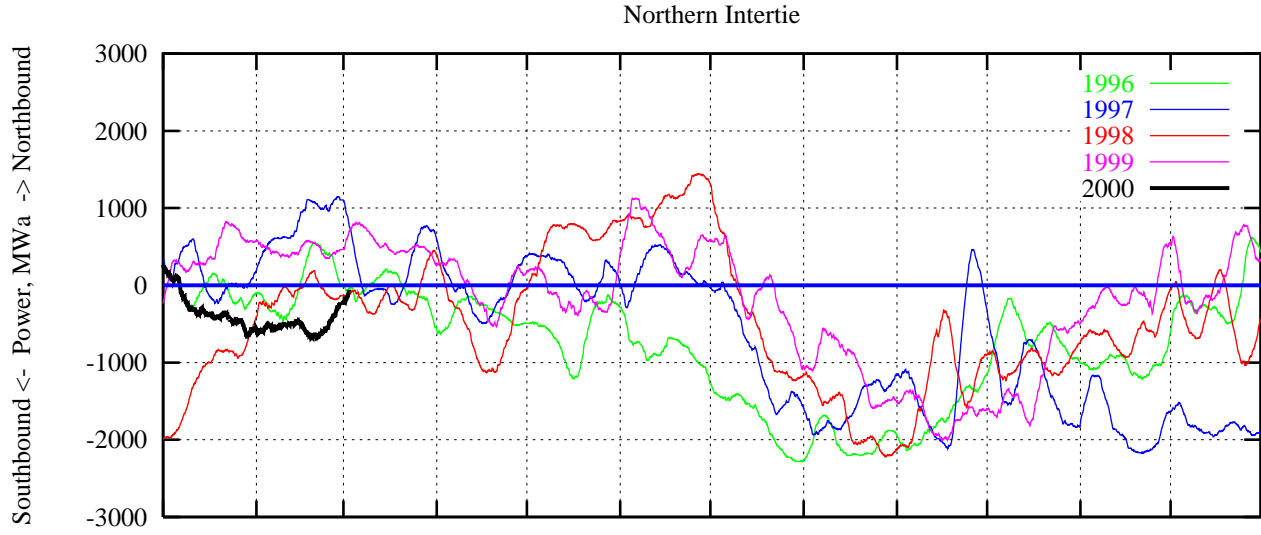
Nuclear Unit Status
Weekdays Only
1996 - Present



Confidential

March 02, 2000

Pacific Coast Intertie Status



March 02, 2000