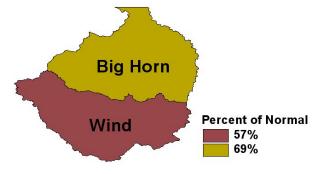




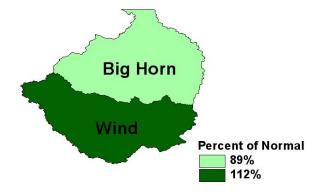
## **Precipitation Comparisons**



## Percent of Normal Precipitation for WY 01



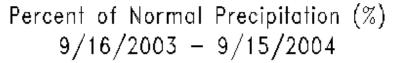
## Percent of Normal Precipitation for WY 04

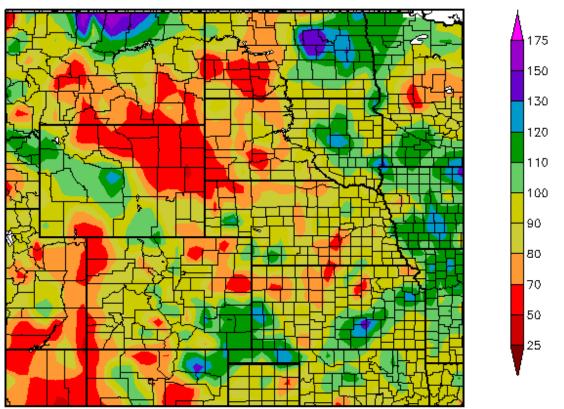




## **Regional 1-yr Precipitation**







Generated 9/16/2004 at HPRCC using provisional data.

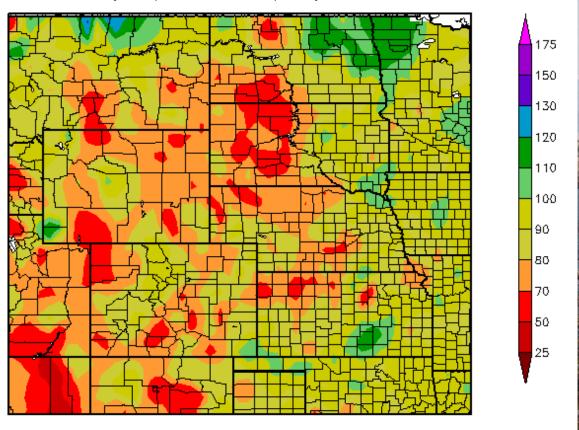
NOAA Regional Climate Centers



## Regional 3-yr Precipitation



Percent of Normal Precipitation (%) 9/16/2001 - 9/15/2004



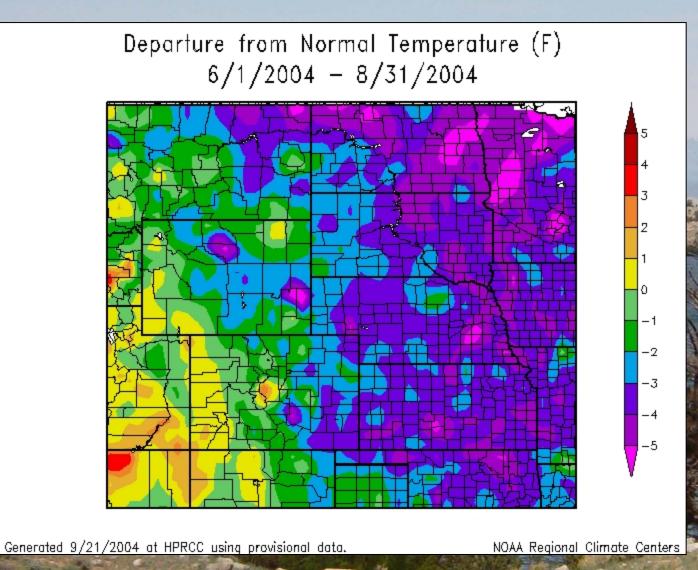
Generated 9/16/2004 at HPRCC using provisional data.

NOAA Regional Climate Centers



## Regional Temperature Anomalies

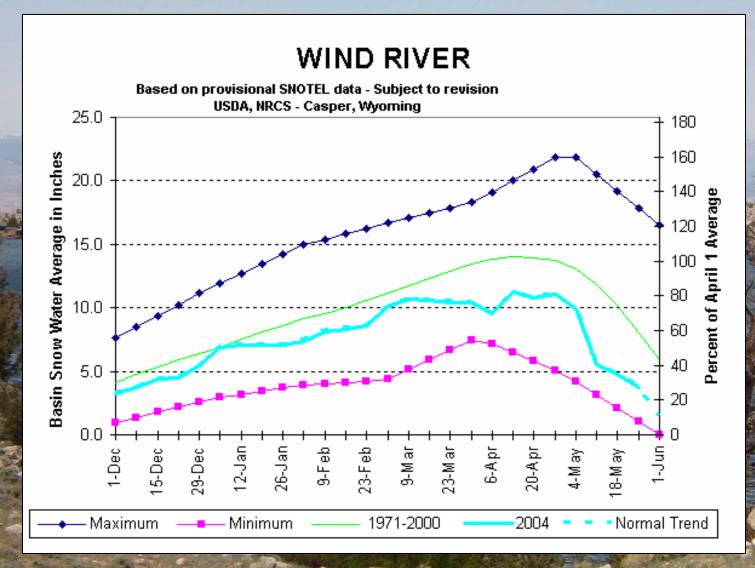






# SWE for WY04 Wind River Basin

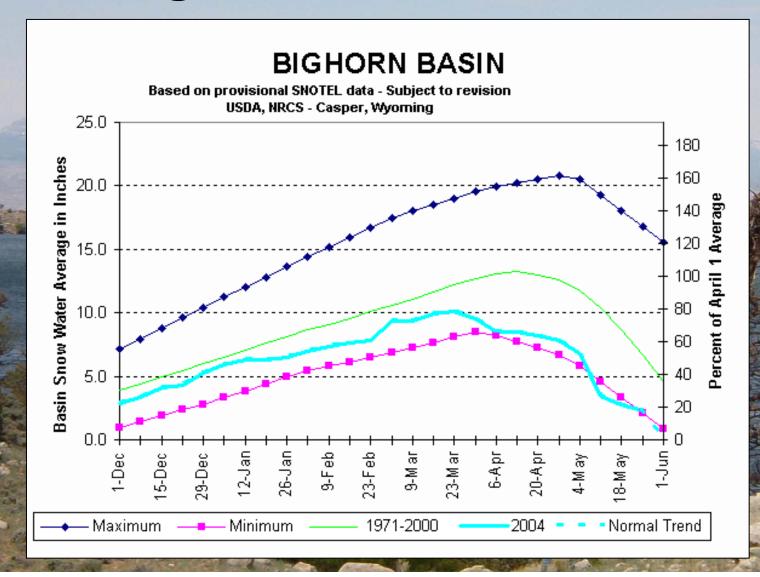






# SWE for WY04 Bighorn River Basin

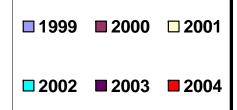




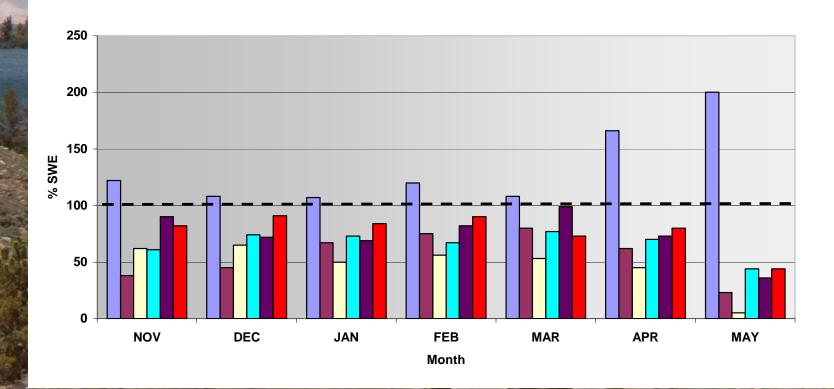


## SWE Trends Wind River Basin





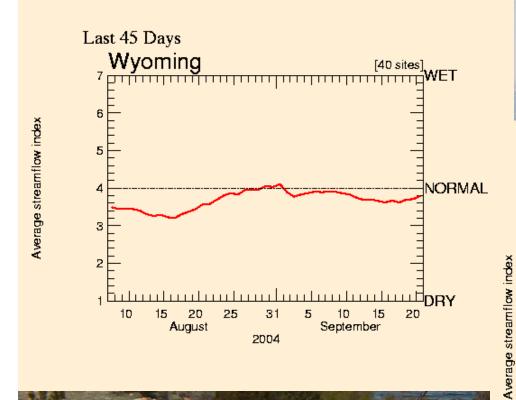
Snow Water Equivalents (SWE's) by Water Year for WIND RIVER BASIN



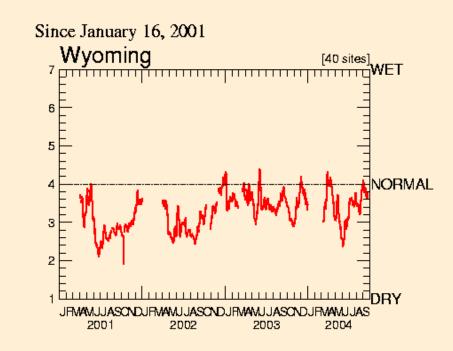


### **Streamflow Trends**





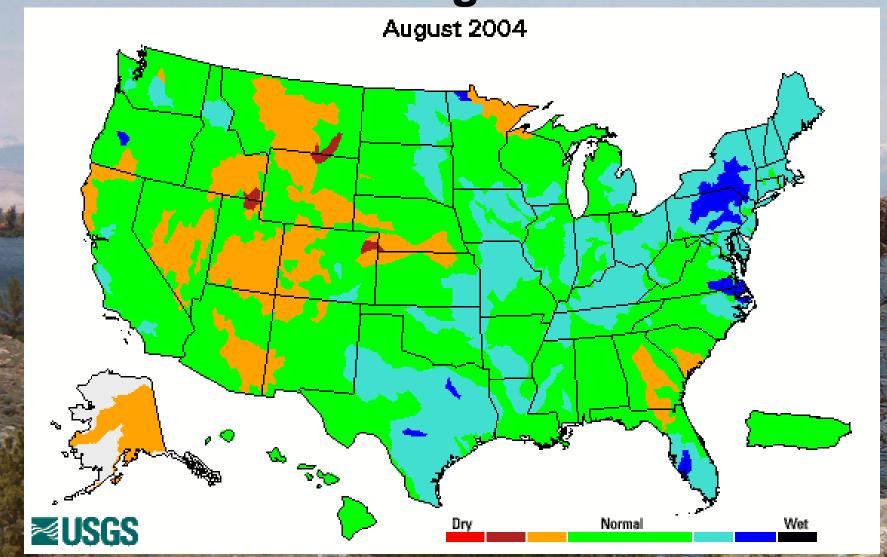






# Average Streamflow for August 04

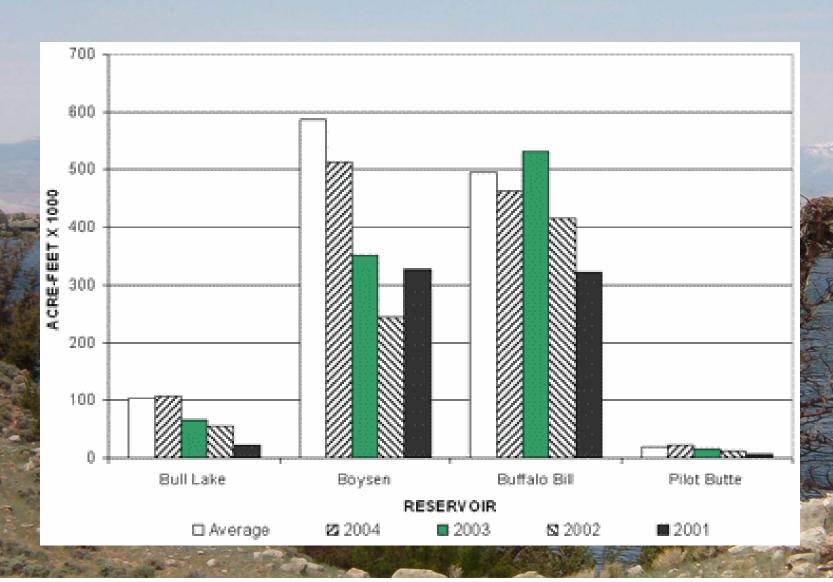


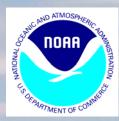




## **Reservoir Storage WY01-04**

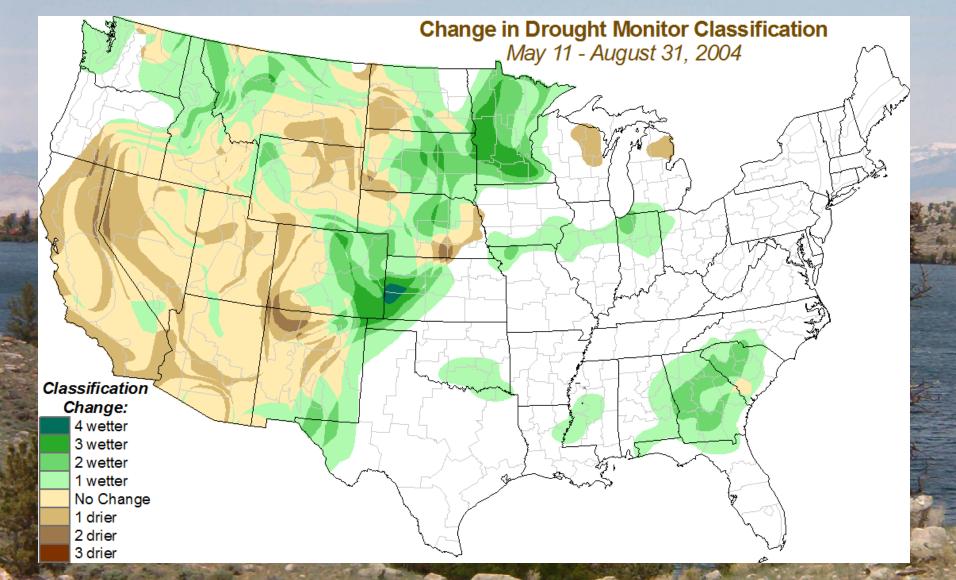






## **Drought Monitor Trends**



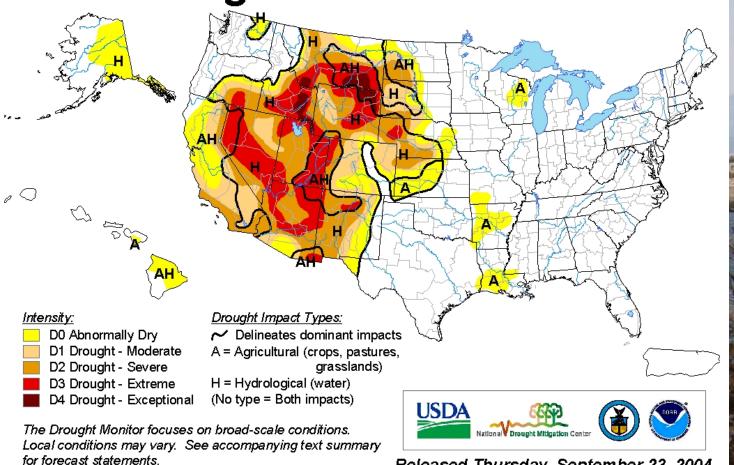




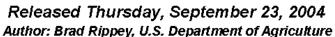
### **National Drought Monitor**



U.S. Drought Monitor September 21, 2004 Valid 8 a.m. EDT



http://drought.unl.edu/dm





improvement

impacts ease

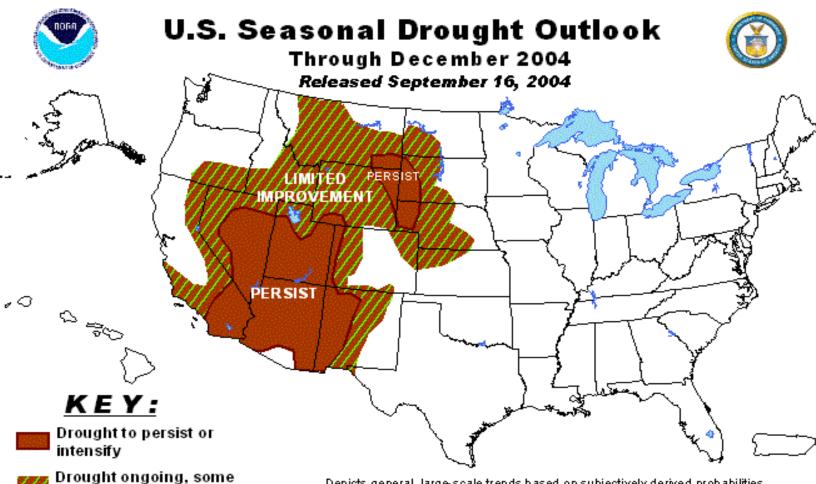
likely

Drought likely to improve,

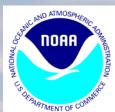
Drought development

## **Drought Outlook**



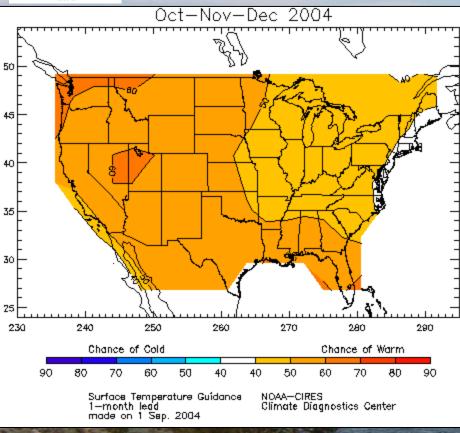


Depicts general, large-scale trends based on subjectively derived probabilities guided by numerous indicators, including short and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more that a few days in advance, so use caution if using this outlook for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are schmatically approximated from the Drought Monitor (D1 to D4). For weekly drought updates, see the latest Drought Monitor map and



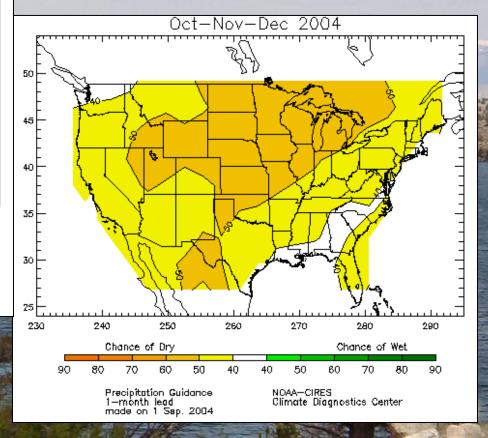
# Climate Outlook for the next 3 months







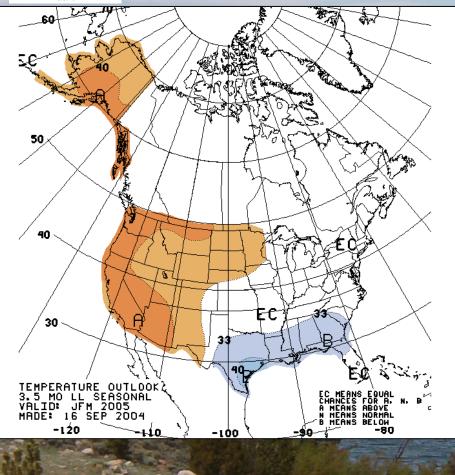
#### PRECIPITATION

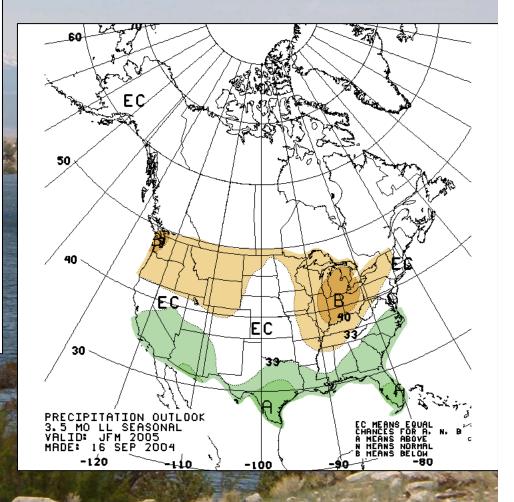




### **JAN-FEB-MAR 2005**



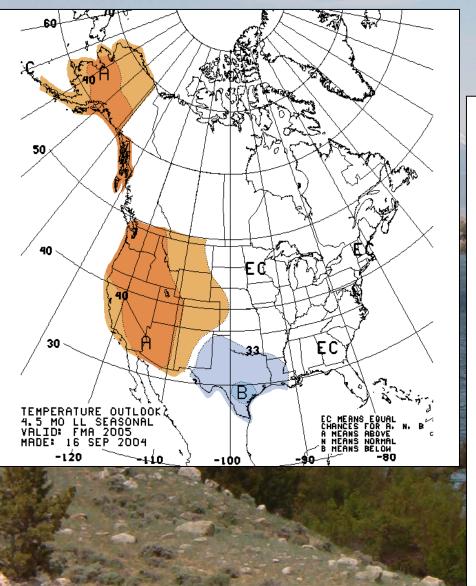


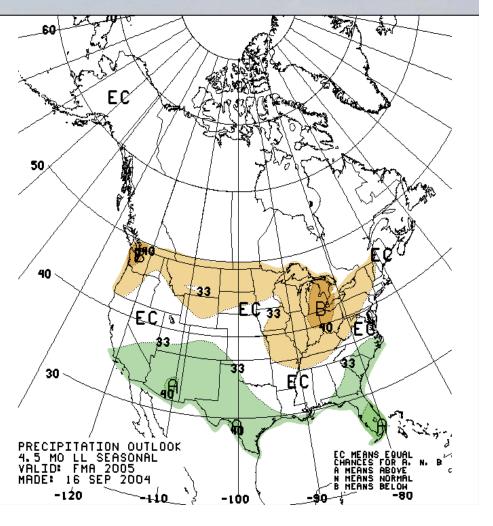




#### FEB-MAR-APR 2005



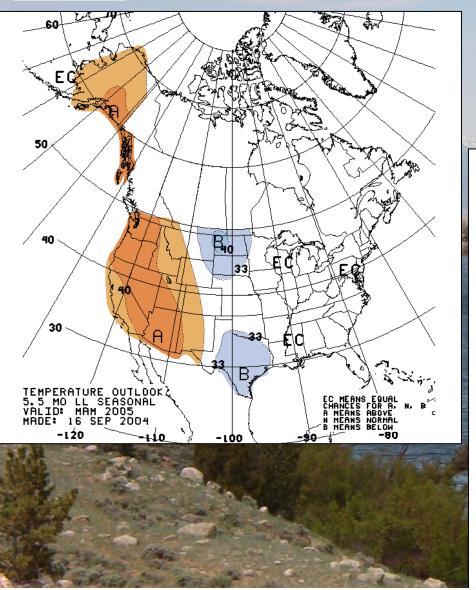


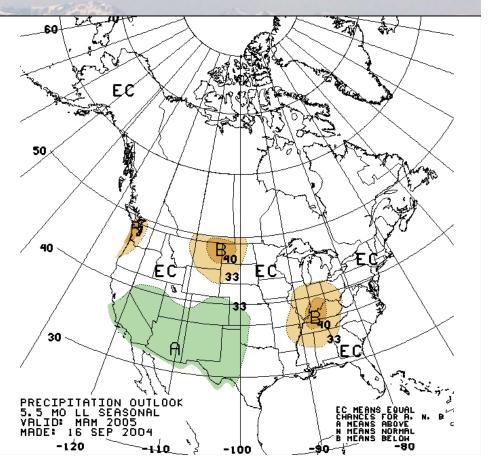




#### MAR-APR-MAY 2005



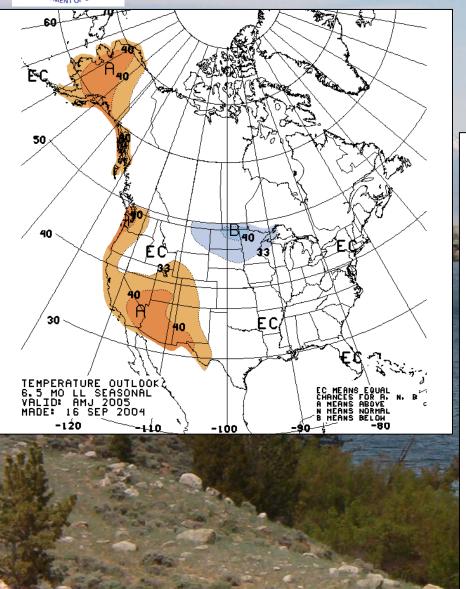


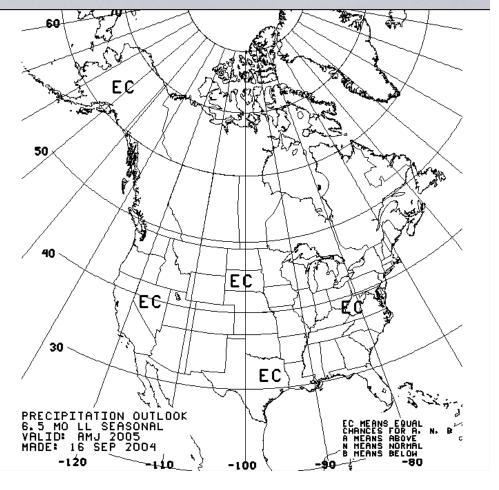




#### **APR-MAY-JUN 2005**









Riverton, WY



#### **NWS Mission Statement:**

The National Weather Service (NWS) provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, by the protection of life and property and the enhancement of the national economy. NWS data and products form a national information database and infrastructure which can be used by other governmental agencies, the private sector, the public and the global community.





Riverton, WY

### How can you access NWS information?

- NOAA Weather Radio (NWR)
- Internet

www.crh.noaa.gov/riw

• Telephone: (800) 211-1448



Riverton, WY











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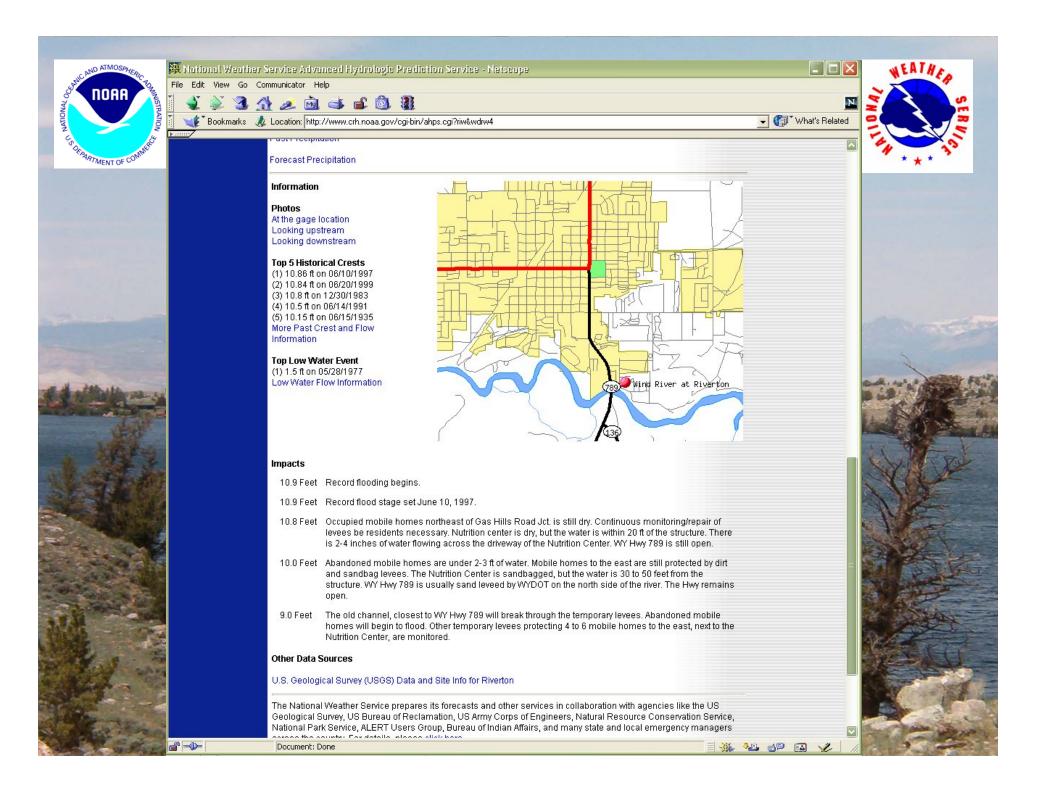
or le below Flood Stage

**National Weather Service Forecast Office** 

#### Riverton, WY

SEARCH Enter Search Here HOME **NEWS ORGANIZATION** AHPS **Advanced Hydrologic Prediction Service** Local forecast by city and state Please check our Text Products Page for current watches, warnings, and statements. Click on a point or river on the map or select from the menus below. **Current Hazards** Watches/Warnings - North Platte River ---- Little Wind River --U.S. Hazards -- Wind River --**Current Conditions** Observations -- South Fork Shoshone River --• WebCams Satellite Images -- Big Horn River --\* Water & Snowpack -- Snake River --\* SchoolNet Road & Travel --- Salt River --Radar Imagery -- Big Sandy River --• Nationwide -- Black's Fork River --• Wyoming **Wyoming** • -- Ham's Fork River --**Avalanche** -- Green River --**Fire Weather** Graphical Interactive Rivers/Hydrology River Info/AHPS Flash Floods **Wyoming Climate Prediction Neather Safety** Spring/Summer Updated 03:10 PM MDT Jul 14 2003 NOAA Wx Radio Map Legend A square indicates that hydrograph or above Flood Stage Storm Ready information is available ocal Information or near Flood Stage A circle indicates that both probability and Coop Observers

hydrograph information are available





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WYC003-013-017-019-023-025-029-035-037-039-043-601-302300-

MONTHLY PRECIPITATION FOR WYOMING NATIONAL WEATHER SERVICE RIVERTON WY 151 PM MDT TUE JUL 8 2003

WYOMING PRECIPITATION TOTALS FOR JUNE 2003 ALL DATA PRELIMINARY...OFFICIAL CLIMATE DATA AVAILIABLE THROUGH THE NATIONAL CLIMATIC DATA CENTER APPROXIMATELY 60 DAYS AFTER END OF THE MONTH.

.BR RIW 0701 M DH00/PPM

:SHEF ID	PCPN	AVG	PERCENT	STATION
ACVW4	3.35	: 1.06	316%	PATHFINDER DAM
AFOW4	1.30	: 1.49	87%	AFTON
ALTW4	0.99	: 2.12	47%	ALTA 1NNW
BCRW4	2.76	: 1.34	206%	BATES CREEK
BDFW4	1.52	: 1.85	82%	BEDFORD 3SE
BDRW4		: 1.10	ક	BORDER 3N
BFFW4		: N/A	N/A	BUFFALO 5WSW
BFLW4		: N/A	N/A	BUFFALO SPOTTER
BITW4		: 0.60	N/A	BITTER CREEK 4NE
BKRW4		: N/A	N/A	BECHLER RIVER RS
BLYW4	2.24	: 2.07	108%	BILLY CREEK
BMTW4	1.89	: 1.36	139%	THERMOPOLIS 9NE
вилли4	1.13	: 1.56	72%	BONDURANT
BPI	1.13	: N/A	N/A	BIG PINEY-MARBLETON ASOS
BPIW4	1.49	: 0.72	207%	BIG PINEY
BRRW4	1.91	: 1.18	162%	BURRIS
BRSW4	1.49	: 1.21	123%	BOULDER REARING STATION
BRNW4	0.81	: 1.00	81%	BASIN
BTSW4		: N/A	N/A	TENSLEEP 18SSE

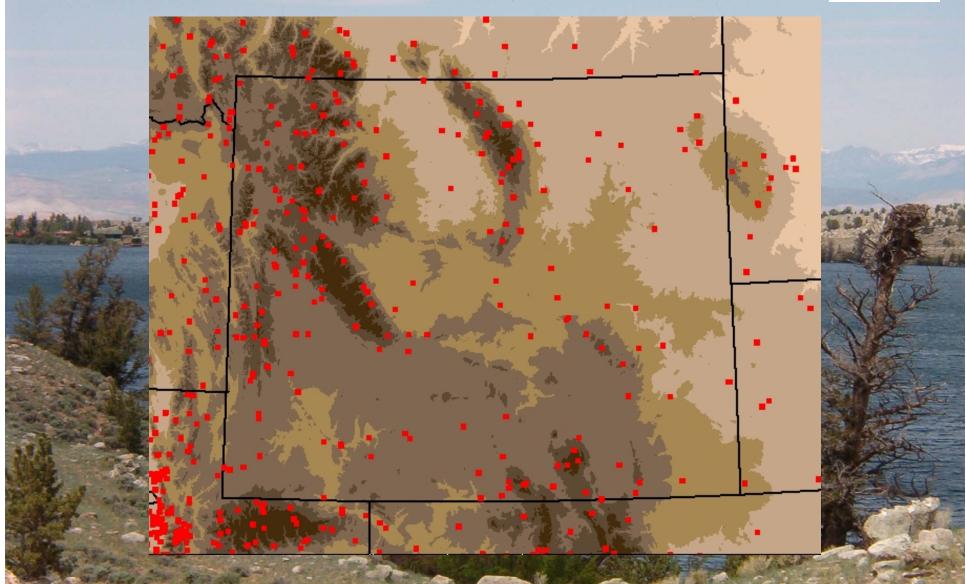








Riverton, WY





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- . Daily and Monthly Climate Summaries
- ASOS 15 Day Summaries and MesoWest, WYDOT stations' climatology
- Local Climate Data (LCDs)
- . Snow and River Data & Miscellaneous Climate Links
- Weather Trivia
- · Primary Sources for Official Climate Records (for legal reasons, etc)
- Other Regional Climate Centers
- FAQ Where to Find Weather and Climate Information

Daily Climate Reports	Last Month's Climate Summaries
Casper Lander/Riverton Cheyenne	Casper Lander/Riverton Cheyenne  Wonthly Precipitation Summary (MYW)

#### Preliminary Local Climate Data (F-6)

- Casper
- Lander
- Riverton
- · Archived (F-6)

Note: This data is considered "unofficial". The National Climatic Data Center (NCDC) in Asheville, NC, which collects and stores this information, is the official source of climate in the U.S. For a copy of an official F-6, contact:

> NCDC 151 Patton Ave, Rm 120 Asheville, NC 28801-5001 (828) 271-4800 (ask for "Climate Services Division")

http://lwf.ncdc.noaa.gov/oa/ncdc.html

e-mail requests at: orders@ncdc.noaa.gov

Maximum/Minimum Temperatures and Precipitation Tables	Record Reports
Western and Central Wyoming     Southeast Wyoming/Nebraska     Panhandle     Wyoming     Yellowstone's Winter Daily Report  top of page	Record Report for West and Central Wyoming     Record Report for Southeast Wyoming     Record Report for Northeast Wyoming

15 Day Summaries from ASOS (Automated Surface Observing Systems)

\*Some data sets may be missing due to software upgrades or outages



NFKW4: PAHASKA

PVLW4: PAVILLION

PESM4 - POMELL FIELD ST

6726:

5440:

43701



SNOW

DEPTH

SNOW

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Riverton, WY





