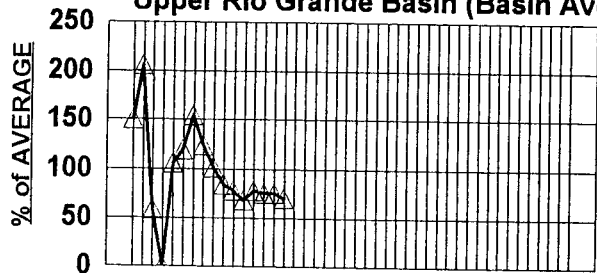


% OF AVG. SNOW WATER EQUIVALENT vs TIME

Upper Rio Grande Basin (Basin Avg.)



Avg = Avg of 9 SNOTEL Sites

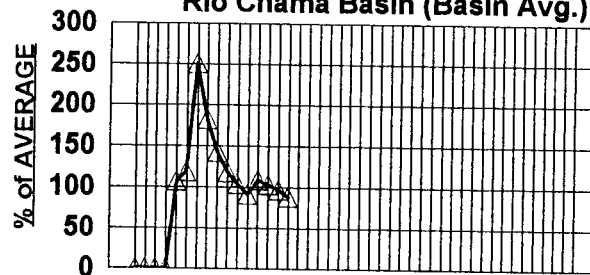
10/01 12/09 02/17 04/28 07/07

11/04 01/13 03/24 06/02

OCT. 01, 2002 - JAN. 13, 2003

% OF AVG. SNOW WATER EQUIVALENT vs TIME

Rio Chama Basin (Basin Avg.)



Avg = Avg of 4 SNOTEL Sites

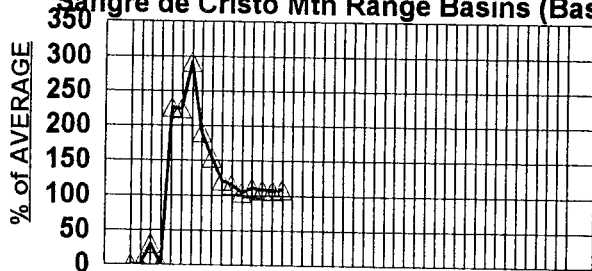
10/01 12/09 02/17 04/28 07/07

11/04 01/13 03/24 06/02

OCT. 01, 2002 to JAN. 13, 2003

% OF AVG. SNOW WATER EQUIVALENT vs TIME

Sangre de Cristo Mtn Range Basins (Basin Avg.)



Avg = Avg of 9 SNOTEL Sites

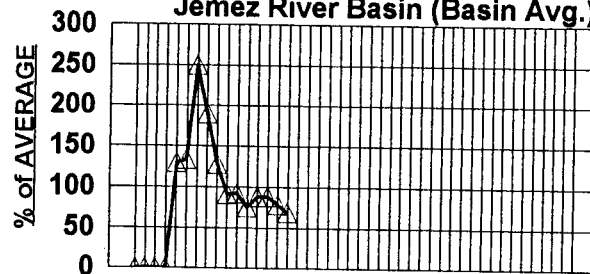
10/01 12/09 02/17 04/28 07/07

11/04 01/13 03/24 06/02

OCT. 01, 2002 to JAN. 13, 2003

% OF AVG. SNOW WATER EQUIVALENT vs TIME

Jemez River Basin (Basin Avg.)



Avg = Avg of 3 SNOTEL Sites

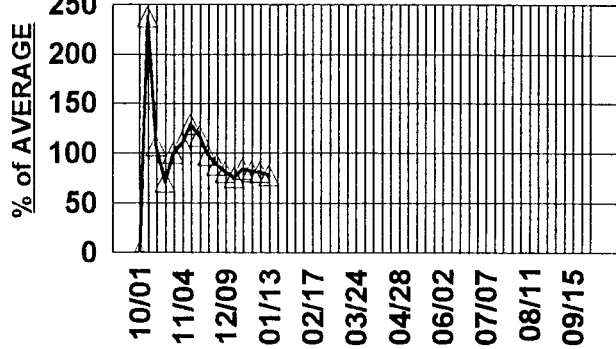
10/01 12/09 02/17 04/28 07/07

11/04 01/13 03/24 06/02

OCT. 01, 2002 to JAN. 13, 2003

% OF AVG. TOTAL PRECIPITATION vs TIME

Upper Rio Grande Basin (Basin Avg.)

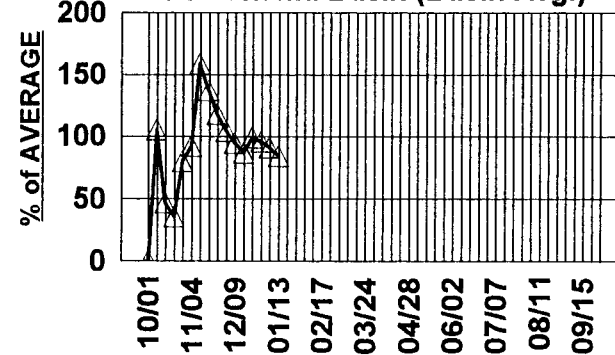


Avg = Avg of
9 Precip. Sites

OCT. 01, 2002 to JAN. 13, 2003

% OF AVG. TOTAL PRECIPITATION vs TIME

Rio Chama Basin (Basin Avg.)

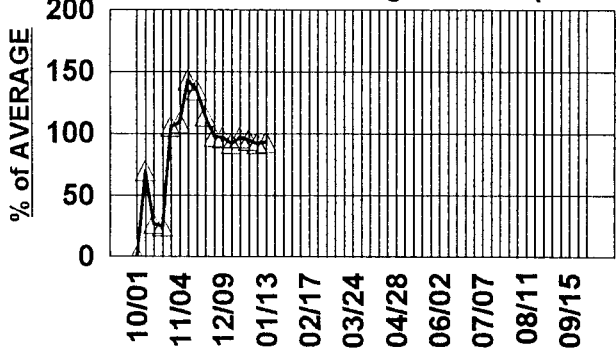


Avg = Avg of
4 Precip. Sites

OCT. 01, 2002 to JAN. 13, 2003

% OF AVG. TOTAL PRECIPITATION vs TIME

Sangre de Cristo Mtn Range Basins (Basin Avg.)

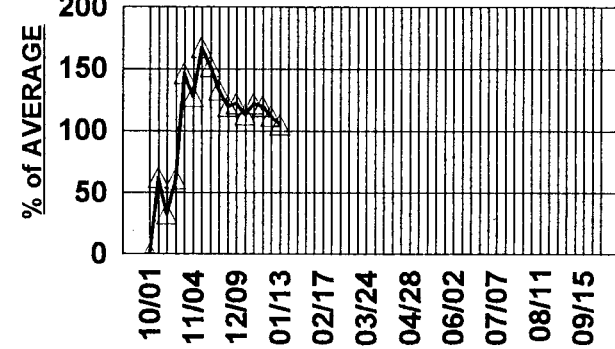


Avg = Avg of
9 Precip. Sites

OCT. 01, 2002 to JAN. 13, 2003

% OF AVG. TOTAL PRECIPITATION vs TIME

Jemez River Basin (Basin Avg.)



Avg = Avg of
3 Precip. Sites

OCT. 01, 2002 to JAN 13, 2003

SPRING RUNOFF FORECASTS

2003

R I O G R A N D E B A S I N

<u>FORECAST POINT</u>	<u>Rio Grande nr Del Norte</u>	<u>Rio Chama at El Vado Reservoir</u>	<u>Rio Grande at Otowi Bridge</u>	<u>Jemez River nr Jemez</u>	<u>Rio Grande at San Marcial</u>
FORECAST PERIOD	APR-SEP	MAR-JUL	MAR-JUL	MAR-JUL	MAR-JUL
30-YEAR AVERAGE RUNOFF *	531,000 AF	237,000 AF	757,000 AF	47,000 AF	573,000 AF
JANUARY 1 FORECAST	372,000 (70% of avg.)	182,000 (77%)	533,000 (70%)	40,000 (85%)	370,000 (65%)
FEBRUARY 1 FORECAST					
FEBRUARY 15 FORECAST					
MARCH 1 FORECAST					
MARCH 15 FORECAST					
APRIL 1 FORECAST					
APRIL 15 FORECAST					
MAY 1 FORECAST **					
MAY 15 FORECAST					

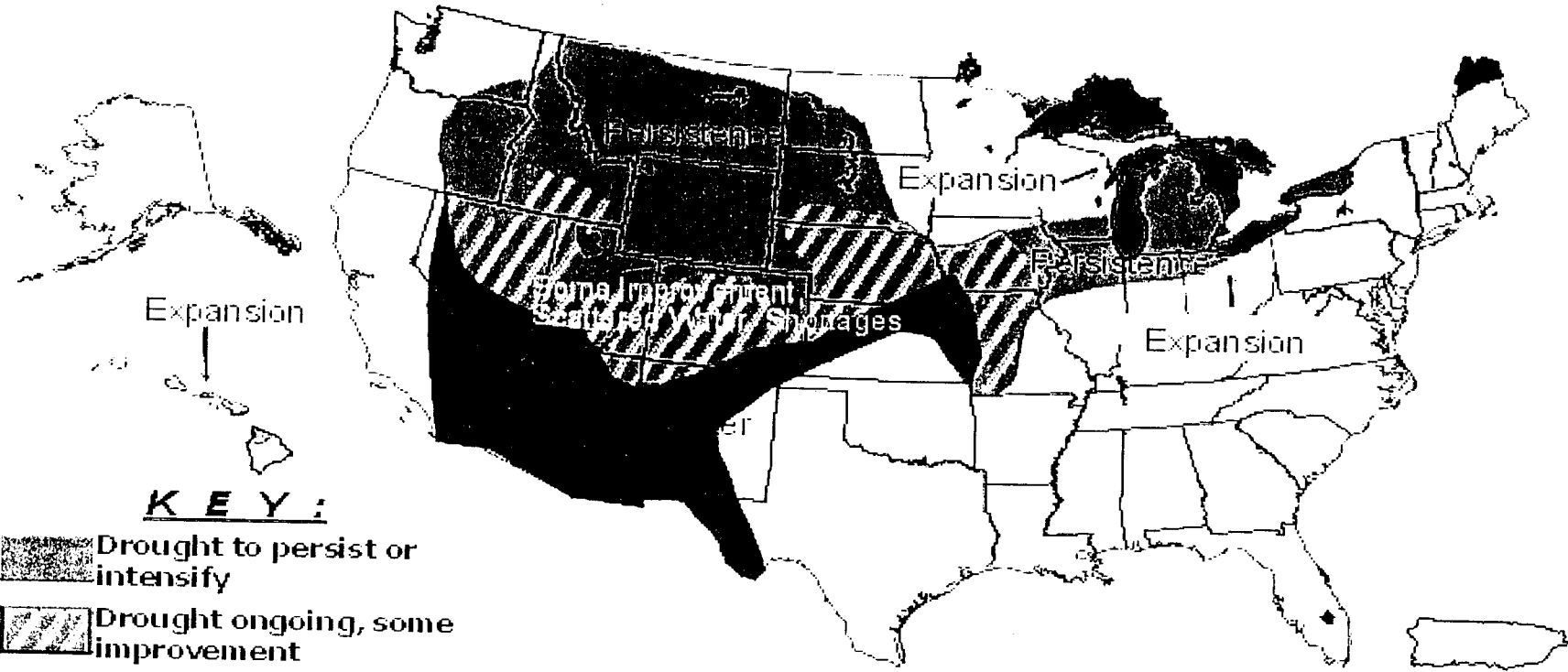
* based on 1971-2000 runoff data.

** last official forecast for 2003 spring runoff.







U. S. Seasonal Drought Outlook

Through April 2003
Released January 16, 2003



KEY:

-  Drought to persist or intensify
-  Drought ongoing, some improvement
-  Drought likely to improve, impacts ease
-  Drought development likely

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 than 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 schematically approximated from the Drought Monitor (D1 to D4). For weekly drought updates, see the latest Drought Monitor map and text.