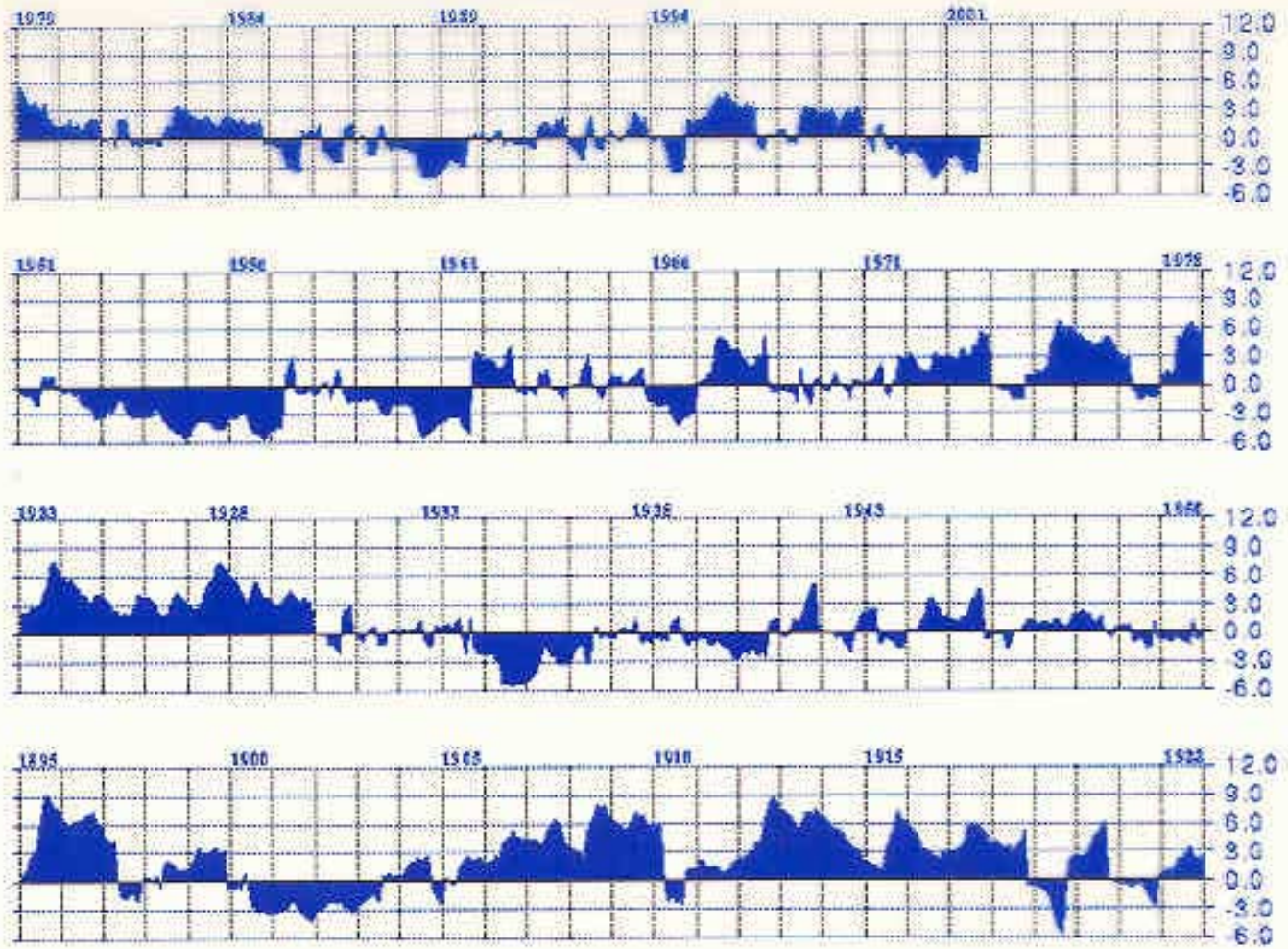
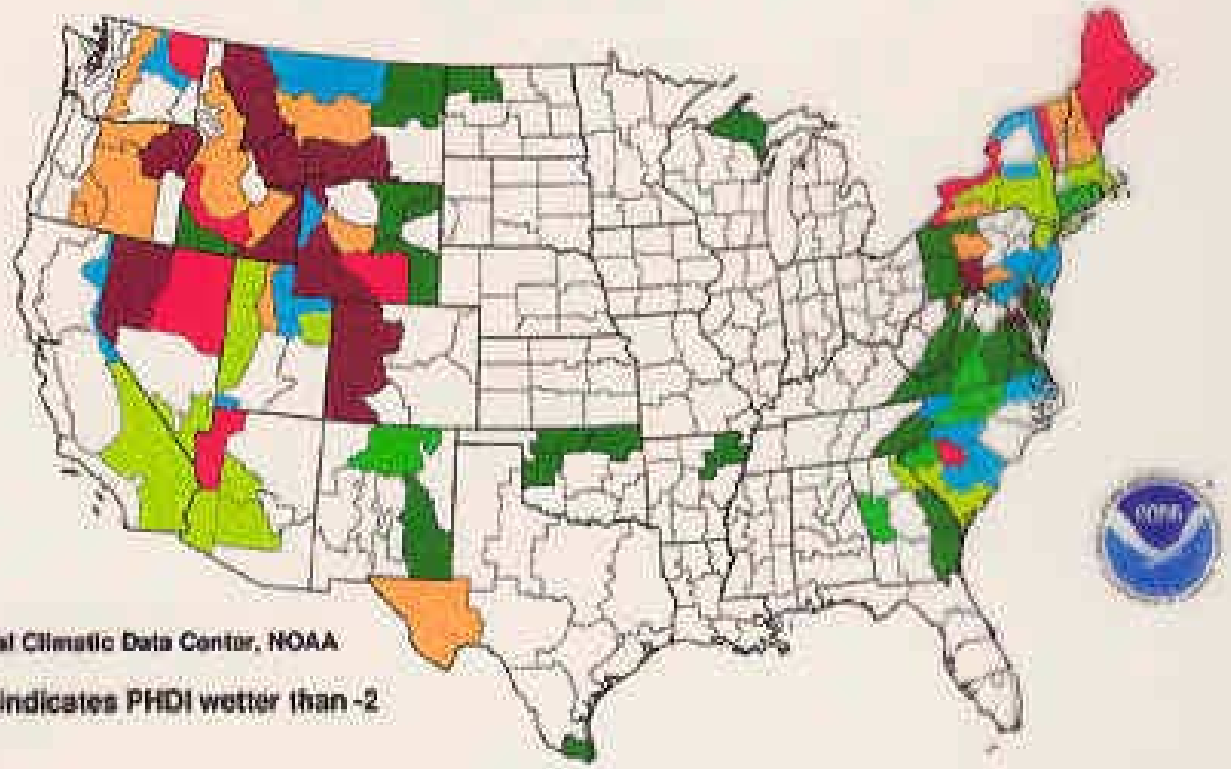
Palmer Drought Severity Index



Wyoming - Division 04: 1895-2001 (Monthly Averages)

Probability of Precipitation Required to End Current Drought Conditions in Six Months

November 2001

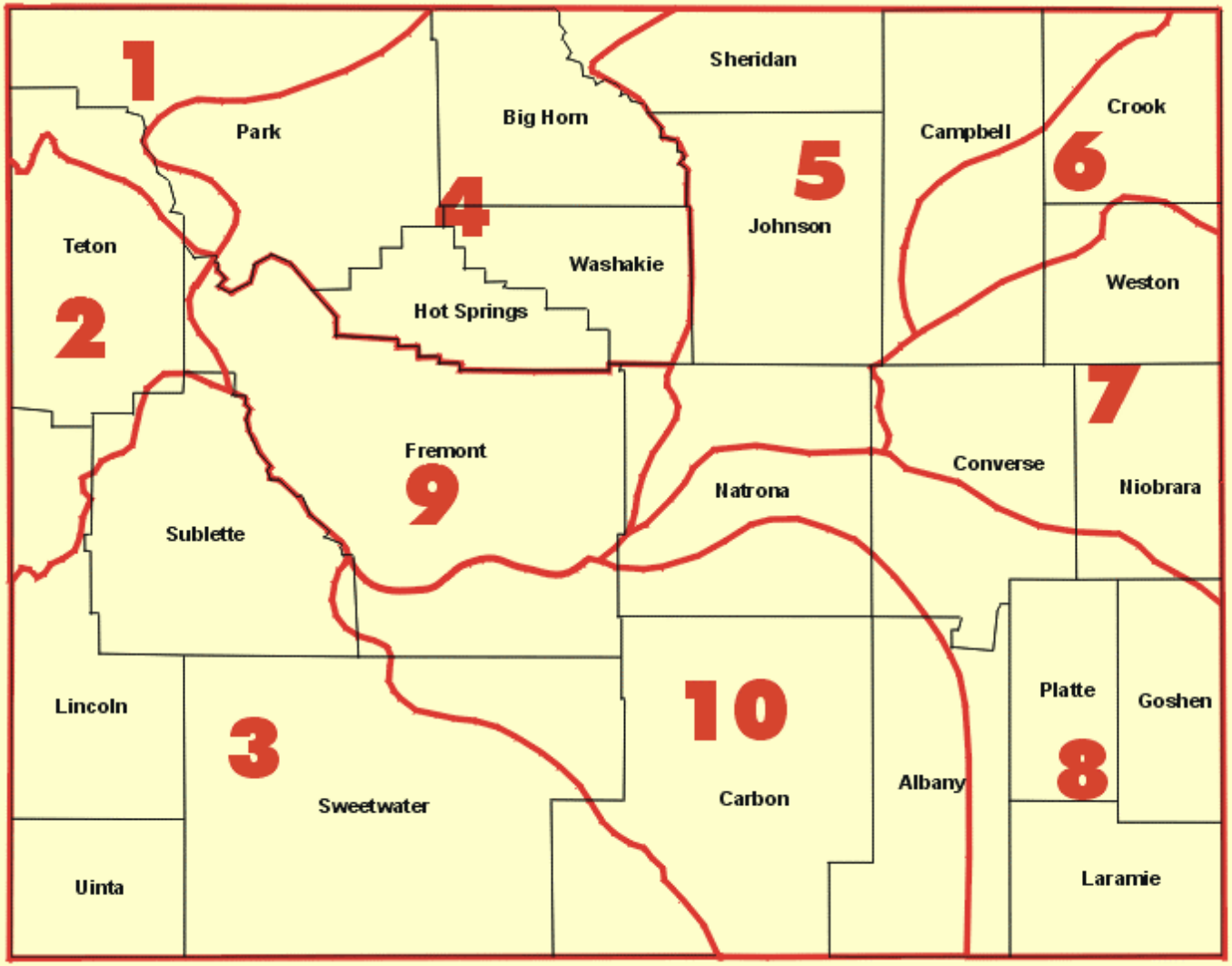


National Climatic Data Center, NOAA

White indicates PHDI wetter than -2

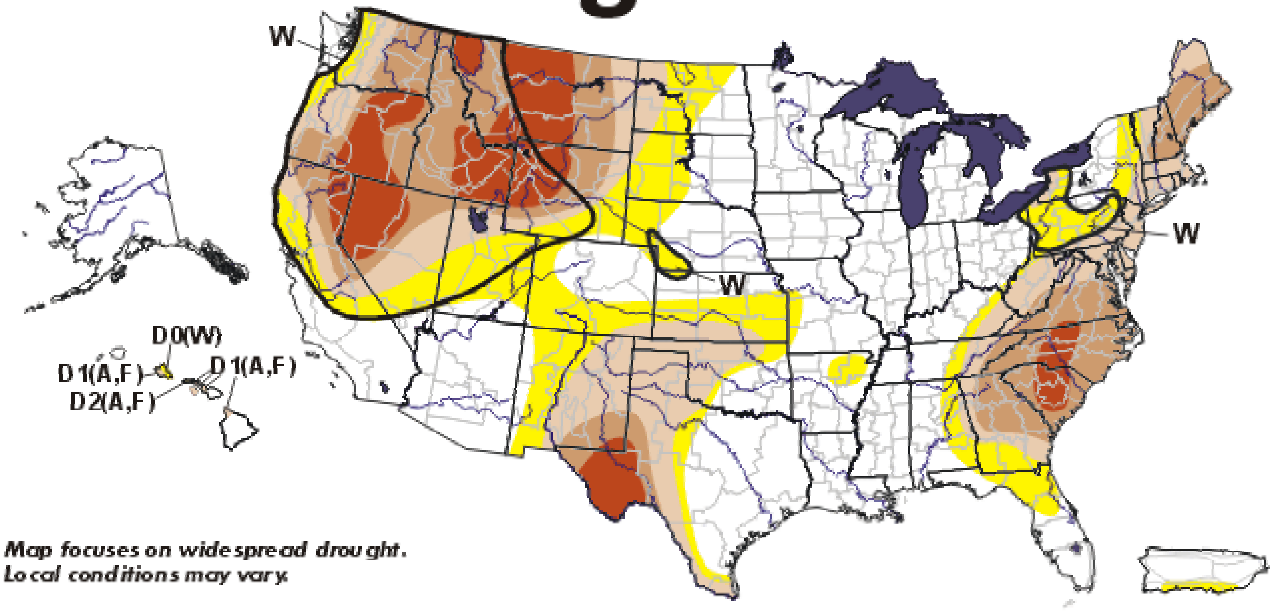
0 to 4.0%	4.0% to 8.0%	8.0% to 12.0%	12.0% to 16.0%	16.0% to 20.0%	20.0% to 24.0%	24.0% to 67.1%

WYOMING
CLIMATE
DIVISIONS



December 4, 2001 Valid 8 a.m. EST

U.S. Drought Monitor



Map focuses on widespread drought.
Local conditions may vary.

- D0 Abnormally Dry
- D1 Drought–Moderate
- D2 Drought–Severe
- D3 Drought–Extreme
- D4 Drought–Exceptional
- Delineates Overlapping Areas

Drought Impact Types:
A = Agriculture
W = Water (Hydrological)
F = Fire danger (Wildfires)
(No type = All 3 impacts)

See accompanying text summary for forecast statements
http://drought.unl.edu/monitor/monitor.html

USDA National Drought Mitigation Center

● *Released Thursday, December 6, 2001* ●

Author: *Rich Tinker, CPC/NOAA*

drought_wy

PROBABILITY PROJECTIONS OF THE NOV 2001 PALMER DROUGHT INDEX
TO THE END OF FEB 2002
FOR SEVEN DROUGHT CATEGORIES (DRY AND WET)
FOR THE CLIMATE DIVISIONS IN THE CENTRAL REGION
BASED ON PAST 70 YEARS OF HISTORICAL DATA

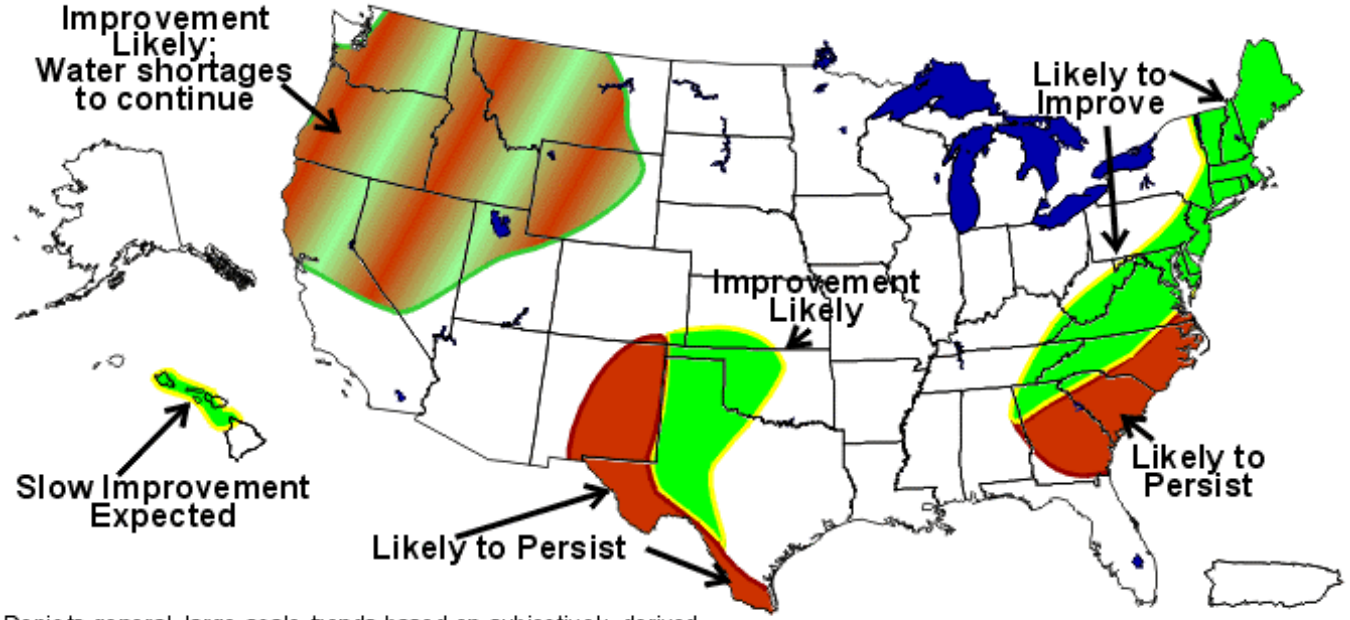
CLIMATE PREDICTION CENTER-NCEP-NWS-NOAA

ST	CD	NOV PDI	EXTREME OR SEVERE DROUGHT (PRCT)	MODERATE DROUGHT (PRCT)	MILD DROUGHT (PRCT)	NEAR NORMAL OR INCIPIENT CONDTIONS (PRCT)	MOIST SPELL (PRCT)	UNUSUAL MOIST SPELL (PRCT)	VERY OR EXTREME MOIST SPELL (PRCT)
WY	1	-2.28	26	17	13	36	4	3	1
WY	2	-1.12	17	10	6	47	9	10	1
WY	3	-3.73	63	11	13	11	0	0	1
WY	4	0.11	0	0	0	44	33	17	6
WY	5	-0.68	0	0	9	60	24	7	0
WY	6	-6.28	91	9	0	0	0	0	0
WY	7	-0.27	0	0	13	73	13	1	0
WY	8	-1.65	0	24	20	51	4	0	0
WY	9	-6.78	97	1	1	0	0	0	0
WY	10	-3.71	51	20	17	10	1	0	0

Seasonal U. S. Drought Outlook

Through February 2002

Released November 16, 2001

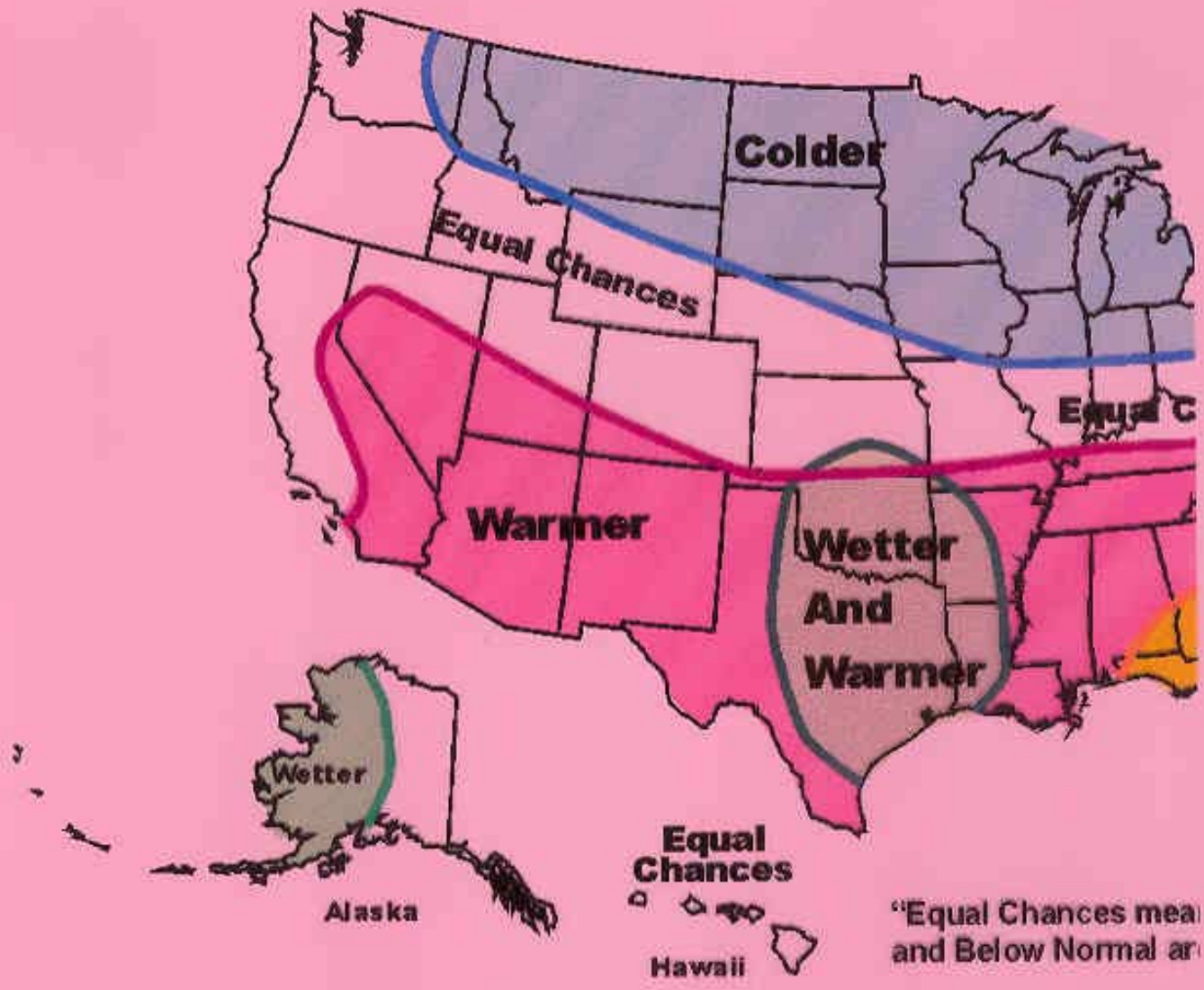


Depicts general, large-scale trends based on subjectively derived probabilities guided by numerous indicators, including short and long-range statistical and dynamical forecasts. Short-term events--such as individual storms--cannot be accurately forecast more than a few days in advance, so use caution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

WINTER OUTLOOK 2001

Temperature and Precipit

Compared to 1971-2000 No

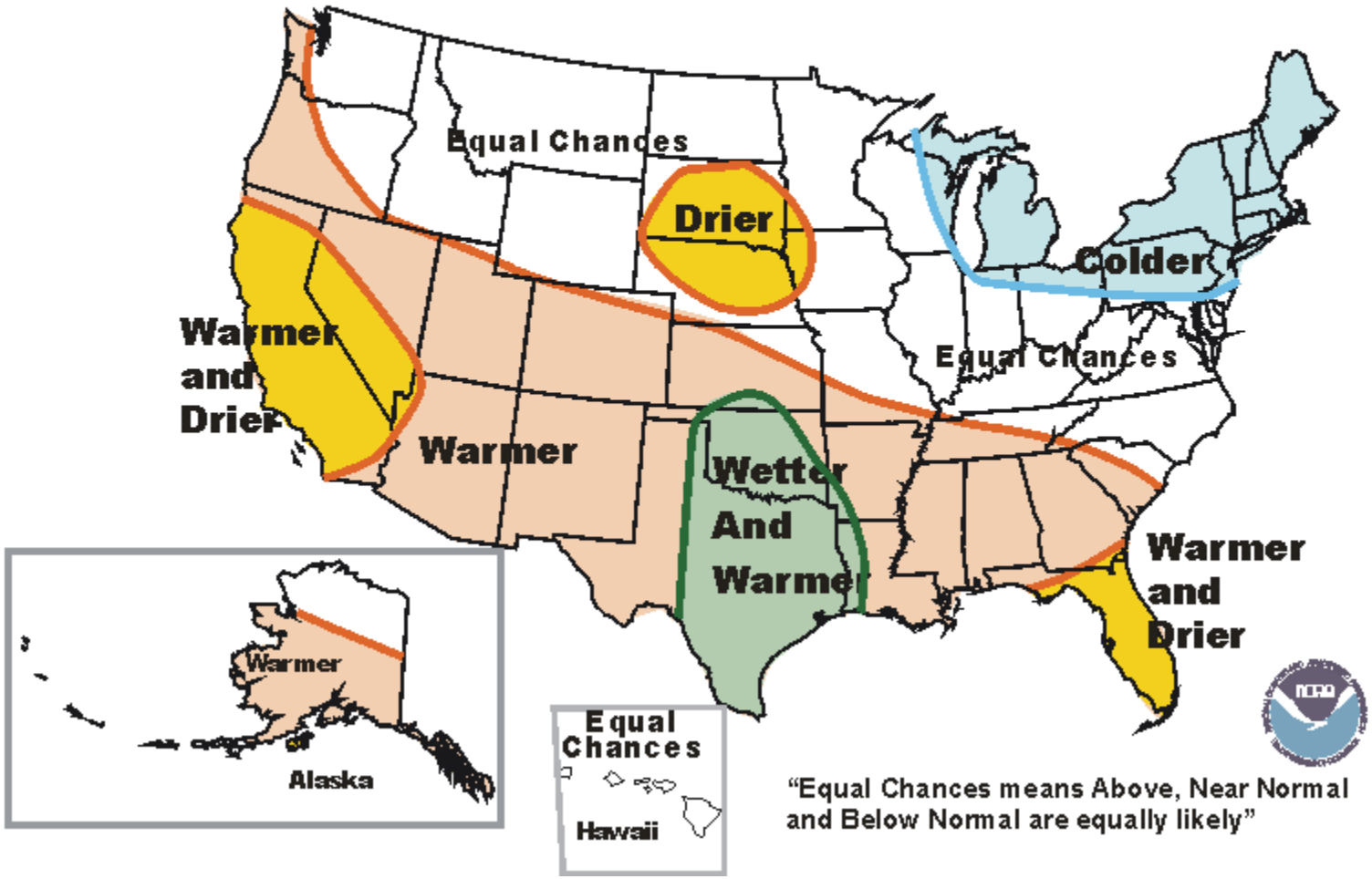


"Equal Chances mea
and Below Normal ar

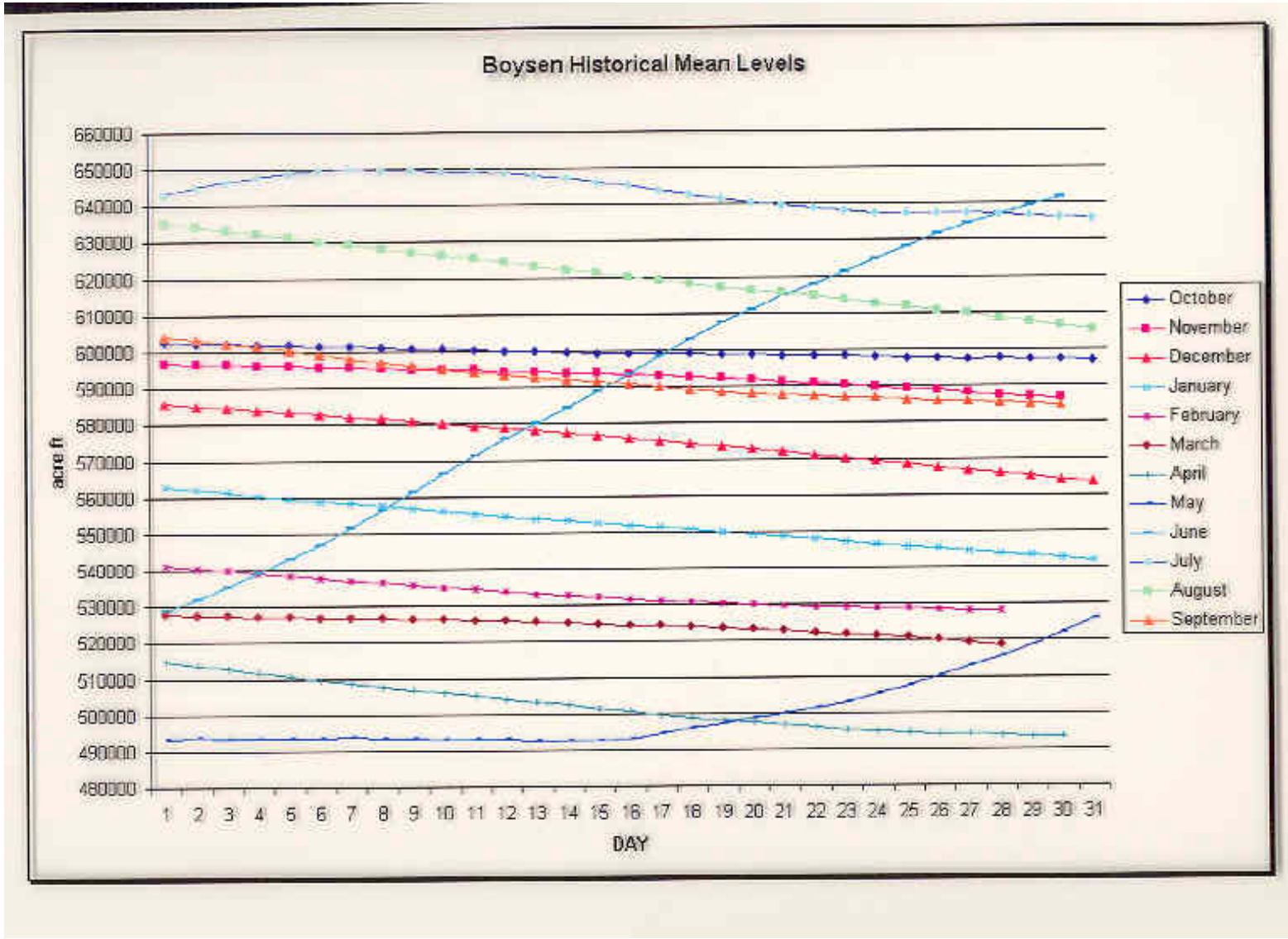
WINTER OUTLOOK JANUARY - MARCH 2002

Temperature and Precipitation

Compared to 1971-2000 Normals



"Equal Chances means Above, Near Normal and Below Normal are equally likely"


Boysen Historical Mean Levels
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530000
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DAY
October
November
December
January
February
March
April
May
June
July
August
September