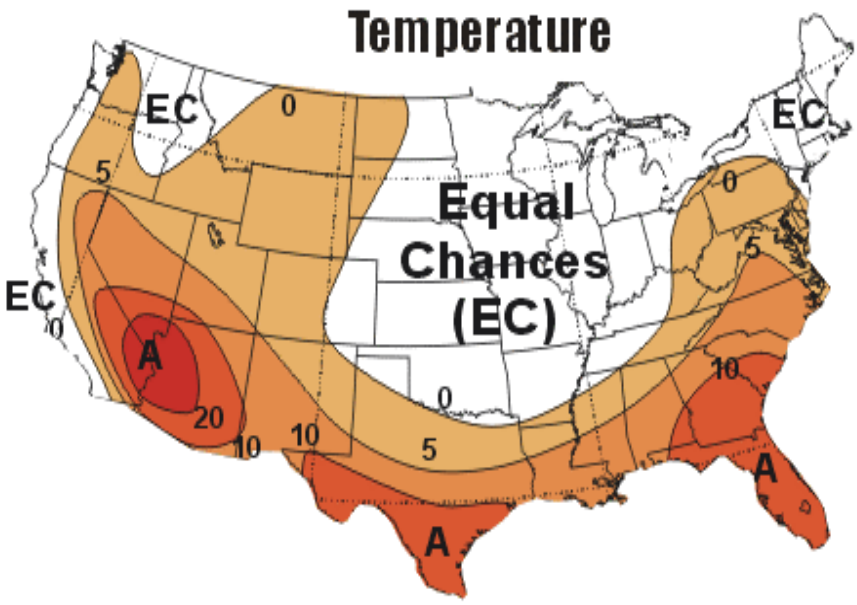
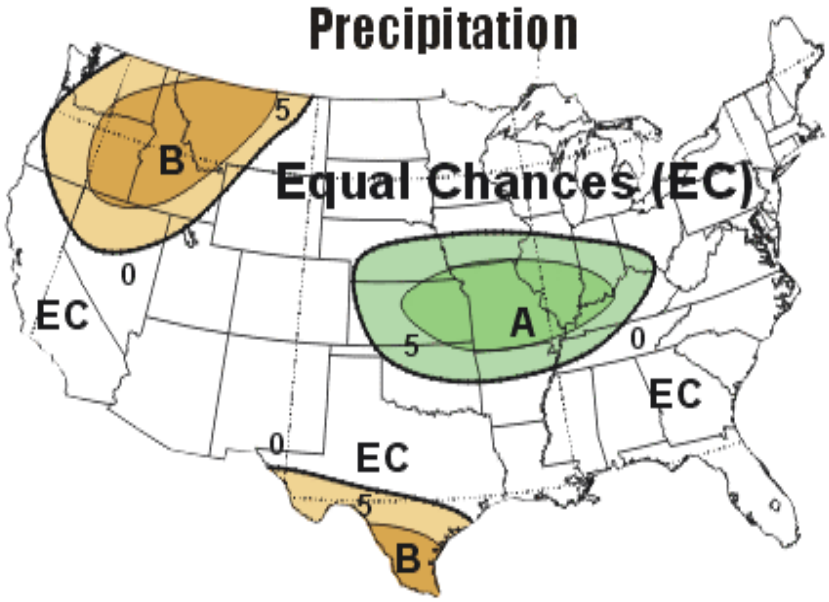
Seasonal Outlook

June - August 2002

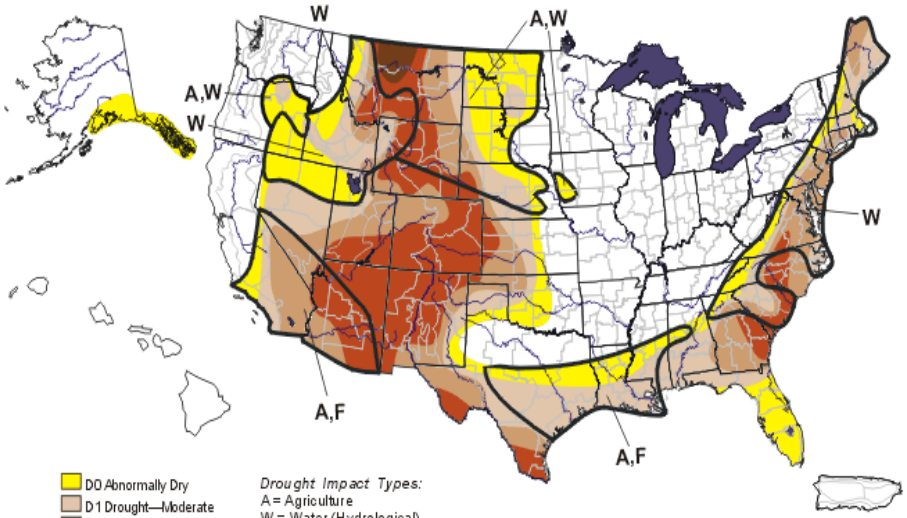




In white areas, probablility of above, below and normal are equal (each are 1/3)
In colored areas, probability of the anomaly (above or below normal) increases as color darkens

U.S. Drought Monitor

May 14, 2002
Valid 8 a.m. EDT



- D0 Abnormally Dry
- D1 Drought—Moderate
- D2 Drought—Severe
- D3 Drought—Extreme
- D4 Drought—Exceptional

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

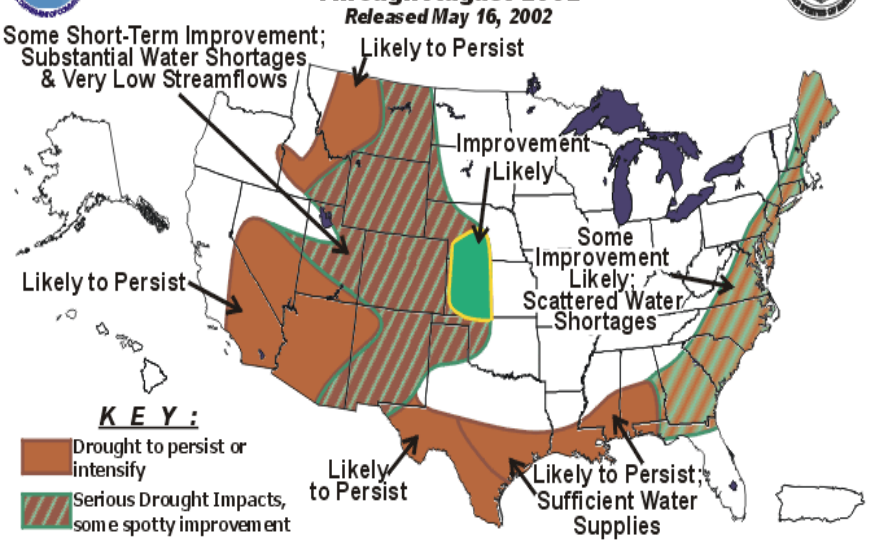
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

http://drought.unl.edu/dm

Released Thursday, May 16, 2002
Author: *Richard Tinker, NOAA/NWS/CPC*

U. S. Seasonal Drought Outlook

Through August 2002
Released May 16, 2002



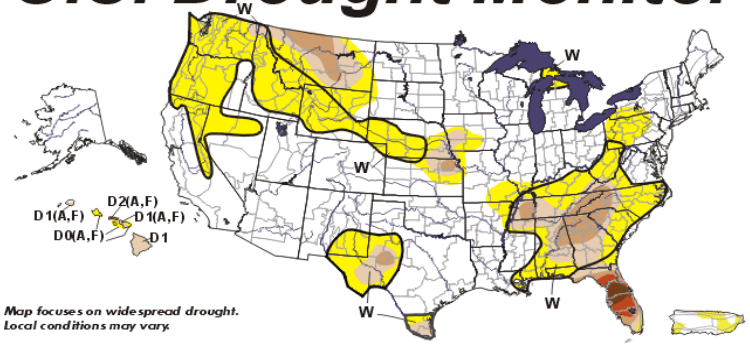
KEY:

- Drought to persist or intensify
- Serious Drought Impacts, some spotty improvement
- 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. For weekly drought updates, see the latest Drought Monitor map and text.

January 30, 2001 Valid 7 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 type: used only when impacts differ

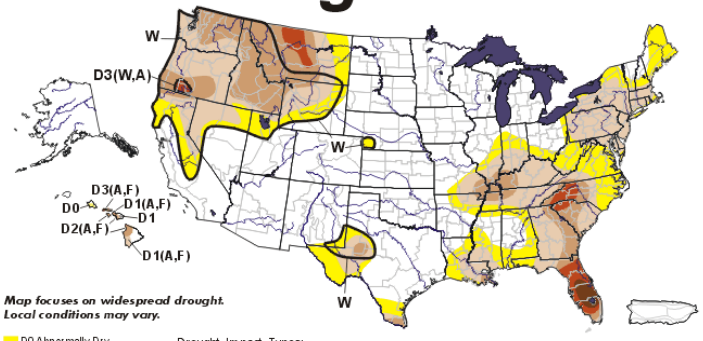
A = Agriculture
W = Water (Hydrological)
F = Fire danger (Wildfires)

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

● *Released Thursday, Feb. 1, 2001* ●
Author: *Douglas LeComte*

May 22, 2001 Valid 8 a.m. EDT

U.S. Drought Monitor



Map focuses on widespread drought.
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Delineates Overlapping Areas

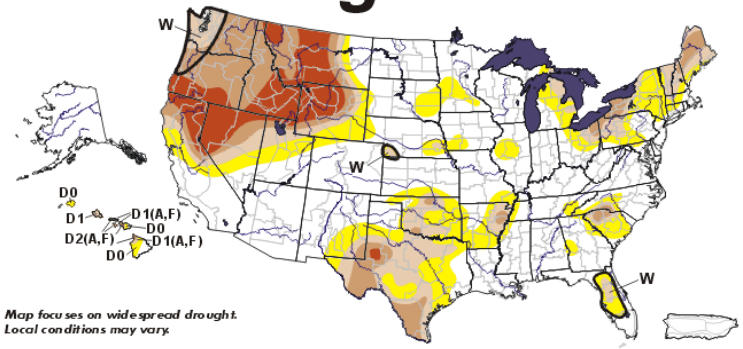
Drought Impact Types:
A = Agriculture
W = Water (Hydrological)
F = Fire danger (Wildfires)
(No type = All 3 impacts)

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

● *Released Thursday, May 24, 2001* ●
Author: *Richard Heim / Karin Gleason*

August 28, 2001 Valid 8 a.m. EDT

U.S. Drought Monitor



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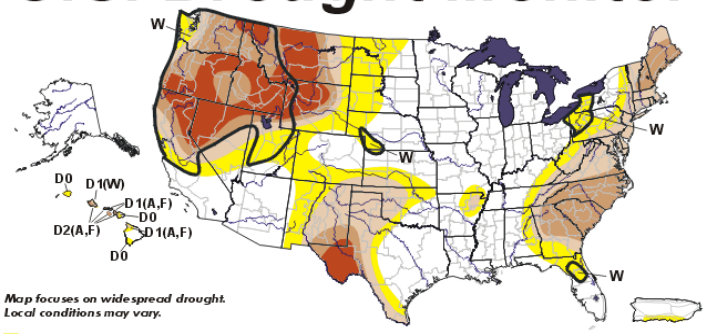
(No type = All 3 impacts)

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

● *Released Thursday, August 30, 2001* ●
Author: *David Miskus, NOAA/CPC/JAWF*

November 27, 2001 Valid 8 a.m. EST

U.S. Drought Monitor



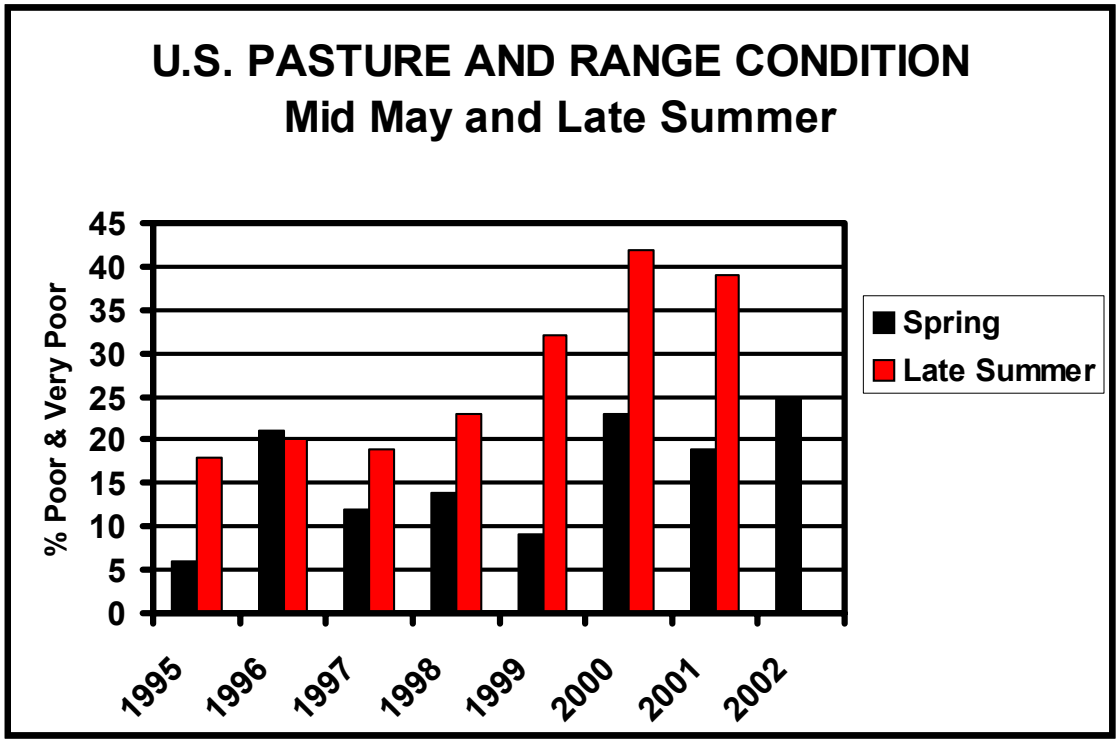
Map focuses on widespread drought.
Local conditions may vary.

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://enso.unl.edu/monitor/monitor.html

●*Released Thursday, November 29, 2001*●
Author: *Brad Rippey, USDA*


U.S. PASTURE AND RANGE CONDITION
Mid May and Late Summer
% Poor & Very Poor
45
40
35
30
25
20
15
10
5
0
1995
1996
1997
1998
1999
2000
2001
2002
Spring
Late Summer

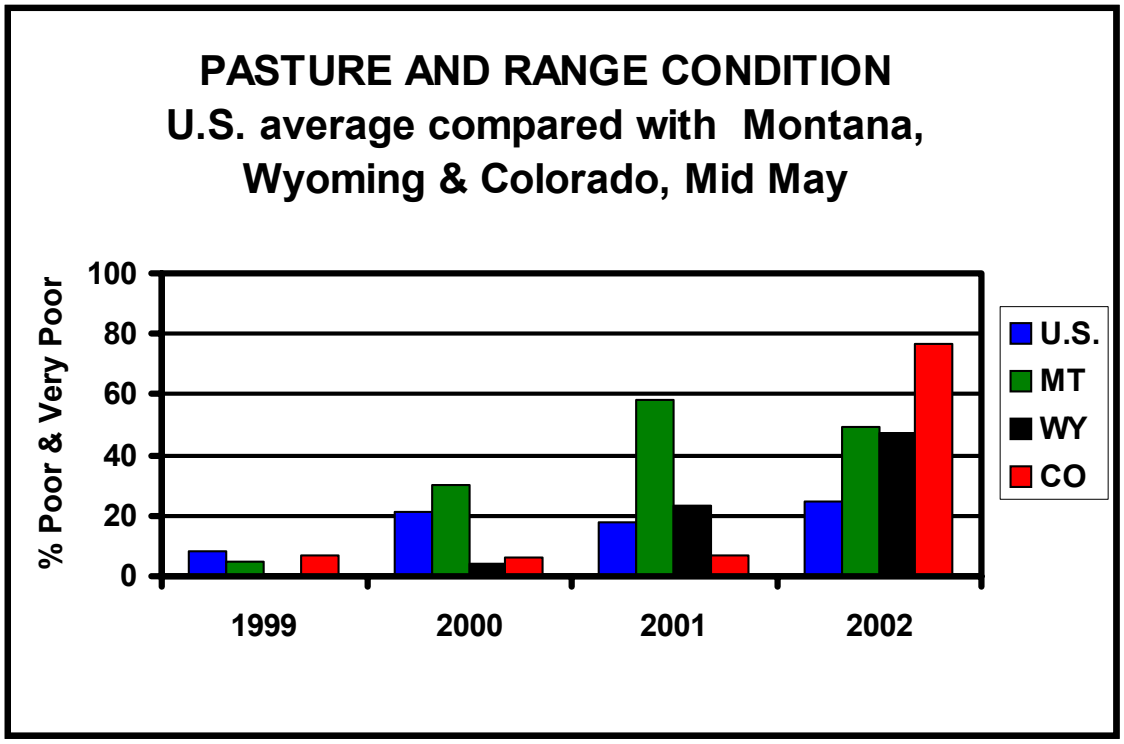

PASTURE AND RANGE CONDITION
U.S. average compared with Montana,
Wyoming & Colorado, Mid May
% Poor & Very Poor
100
80
60
40
20
0
1999
2000
2001
2002
U.S.
MT
WY
CO

TABLE--DROUGHT IMPACT : WINTER WHEAT

2002	PLANTED ACRES	HARVESTED ACRES NORMAL	HARVESTED ACRES USDA MAY ESTIMATE	HARVESTED ACRES DIFFERENCE	AVERAGE YIELD 'NORMAL	AVERAGE YIELD USDA MAY ESTIMATE	AVERAGE YIELD 'DIFFERENCE	PRODUCTION 'NORMAL	PRODUCTION USDA MAY ESTIMATE	PRODUCTION DIFFERENCE
	---------- MIL ACRES----------				---------BUSHELS PER ACRE---------			-------MIL BUSHELS-------		
TEXAS	6400	3550	2500	-1050	31	32	1	110.05	80	-30.05
OKLAHOMA	5800	4375	3600	-775	31	31	0	135.625	111.6	-24.025
KANSAS	9400	8800	8000	-800	39	37	-2	343.2	296	-47.2
COLORADO	2350	2150	1800	-350	35	30	-5	75.25	54	-21.25
NEBRASKA	1700	1600	1600	0	38	36	-2	60.8	57.6	-3.2
WYOMING	150	135	130	-5	29	25	-4	3.915	3.25	-0.665
MONTANA	1400	1270	1000	-270	37	28	-9	46.99	28	-18.99
SOUTH DAKOTA	1150	1050	1050	0	37	40	3	38.85	42	3.15
SUB TOTAL	28350	22930	19680	-3250	35.5	34.2	-1.3	814.68	672.45	-142.23
US TOTAL	41076	34024	30174	-3850	42.1	43.1	1	1433.9	1300.7	-133.2

2001	PLANTED ACRES	HARVESTED ACRES NORMAL	HARVESTED ACRES USDA FINAL	HARVESTED ACRES DIFFERENCE	AVERAGE YIELD 'NORMAL	AVERAGE YIELD USDA FINAL	AVERAGE YIELD 'DIFFERENCE	PRODUCTION 'NORMAL	PRODUCTION USDA FINAL	PRODUCTION DIFFERENCE
	---------- MIL ACRES----------				---------BUSHELS PER ACRE----------			--------MIL BUSHELS------		
TEXAS	5600	3100	3200	100	31	34	3	96.1	108.8	12.7
OKLAHOMA	5600	4225	3700	-525	31	33	2	131	122.1	-8.9
KANSAS	9800	9165	8200	-965	39	40	1	357.4	328	-29.4
COLORADO	2350	2145	2000	-145	35	33	-2	75.1	66	-9.1
NEBRASKA	1750	1600	1600	0	38	37	-1	61	58.2	-2.8
WYOMING	160	145	120	-25	29	24	-5	4.2	2.9	-1.3
MONTANA	1300	1180	870	-310	37	22	-15	43.7	19.1	-24.6
SOUTH DAKOTA	1300	1135	370	-765	37	32	-5	42	11.8	-30.2
SUBTOTAL	27860	22695	20060	-2635	35.7	35.7	0	810.5	716.9	-93.6
US TOTAL	41078	34330	31295	-3035	42.4	43.5	1.1	1456.6	1361.5	-95.1

NORMAL IS DEFINED AS THE 10-YEAR AVERAGE HARVESTED-TO-PLANTED RATIOS AND YIELDS EXCLUDING 2001 AND 1996

Table--Participation of wheat and barley producers in the Federal Crop Insurance Program, 2001

Crop/state	Acres insured				*Percent of planted* acres		
	Planted (NASS)	Total insured	CAT	Buyup	Insured 1/	CAT	Buyup
Wheat		*1,000 acres*					
Kansas	9,800	7,962	558	7,405	81.2%	5.7%	75.6%
North Dakota	9,450	9,809	491	9,318	103.8%	5.2%	98.6%
Montana	5,360	4,872	567	4,305	90.9%	10.6%	80.3%
Oklahoma	5,600	4,028	526	3,501	71.9%	9.4%	62.5%
Texas	5,600	4,219	735	3,484	75.3%	13.1%	62.2%
South Dakota	3,025	2,529	337	2,192	83.6%	11.2%	72.4%
Colorado	2,397	1,938	252	1,686	80.8%	10.5%	70.3%
Washington	2,490	1,542	379	1,163	61.9%	15.2%	46.7%
Minnesota	1,867	1,880	245	1,634	100.7%	13.1%	87.5%
Nebraska	1,750	1,471	75	1,396	84.1%	4.3%	79.8%
Barley							
North Dakota	1,500	1,502	188	1,314	100.2%	12.5%	87.6%
Montana	1,100	1,097	107	991	99.8%	9.7%	90.1%
Idaho	700	352	155	198	50.3%	22.1%	28.2%
Washington	430	219	93	126	51.0%	21.7%	29.3%
California	160	64	33	31	40.2%	20.6%	19.7%
Minnesota	160	150	22	128	93.6%	13.6%	79.9%
Oregon	110	63	21	42	57.4%	19.2%	38.2%
Wyoming	100	57	11	47	57.1%	10.5%	46.6%
Colorado	90	84	13	72	93.8%	14.3%	79.5%
South Dakota	90	51	17	33	56.4%	19.3%	37.2%
Utah	85	4	3	1	4.4%	3.6%	0.7%

1/ Total insured acres include prevented plantings and may exceed total planted acres.

Table–Crop insurance loss ratios (indemnities/total premium), 1998-2001

State	1998	1999	2000	2001	1998-01
Alabama	1.75	1.20	2.66	0.70	1.53
Alaska	1.58	0.16	1.87	0.00	0.64
Arizona	0.92	1.81	1.18	2.00	1.54
Arkansas	0.68	0.90	0.99	0.94	0.89
California	1.08	1.03	0.65	0.81	0.87
Colorado	0.49	0.63	1.25	1.05	0.88
Connecticut	2.99	1.75	4.18	0.38	2.15
Delaware	0.56	1.63	0.11	0.20	0.56
Florida	0.57	0.63	1.24	0.84	0.88
Georgia	1.52	1.91	1.62	0.74	1.41
Hawaii	0.00	0.15	0.50	1.33	0.54
Idaho	0.51	0.39	0.81	0.64	0.59
Illinois	0.46	0.42	0.32	0.26	0.35
Indiana	0.86	0.84	0.37	0.17	0.49
Iowa	0.55	0.36	0.45	0.66	0.51
Kansas	0.31	0.62	1.38	0.95	0.85
Kentucky	1.67	2.29	0.83	0.32	1.20
Louisiana	1.06	0.76	1.34	1.45	1.17
Maine	0.70	0.91	0.56	0.52	0.67
Maryland	0.71	1.47	0.15	0.52	0.68
Massachusetts	2.25	1.34	4.60	1.20	2.29
Michigan	0.62	0.36	0.78	1.55	0.87
Minnesota	0.36	0.67	0.42	0.91	0.61
Mississippi	0.83	1.20	1.99	1.72	1.54
Missouri	0.55	1.09	0.36	0.60	0.64
Montana	0.95	0.90	2.03	3.20	1.87
Nebraska	0.34	0.43	1.32	0.40	0.63
Nevada	0.00	0.00	0.01	0.23	0.08
New Hampshire	5.68	0.50	1.06	1.04	1.81
New Jersey	0.51	2.11	0.42	0.23	0.70
New Mexico	1.07	0.34	1.28	0.58	0.79
New York	0.70	0.61	1.47	0.67	0.86
North Carolina	1.72	2.36	0.74	0.83	1.36
North Dakota	0.73	2.07	1.39	1.48	1.50
Ohio	0.44	1.26	0.54	0.54	0.68
Oklahoma	0.81	1.71	1.50	1.52	1.43
Oregon	0.27	2.22	1.63	2.16	1.79
Pennsylvania	0.96	3.29	0.57	1.30	1.39
Rhode Island	0.25	0.39	0.22	1.55	0.63
South Carolina	2.09	1.76	1.31	1.06	1.49
South Dakota	0.55	0.96	0.69	1.34	0.93
Tennessee	1.42	1.48	0.96	0.72	1.07
Texas	2.03	1.25	1.79	1.48	1.62
Utah	0.67	1.77	1.73	1.71	1.54
Vermont	0.93	0.47	0.89	0.22	0.56
Virginia	1.89	1.56	0.67	0.72	1.16
Washington	0.38	0.65	0.33	0.80	0.57
West Virginia	1.51	1.87	1.12	0.75	1.25
Wisconsin	0.30	0.26	0.57	1.15	0.61
Wyoming	0.77	0.62	1.27	2.02	1.21
Total	0.89	1.05	1.02	0.98	0.99

Table–Crop insurance indemnities by state, 1998-2001 (million dollars)

State	1998	1999	2000	2001	1998-2001	Rank
Alabama	40.4	33.7	77.9	24.97	177.0	16
Alaska	0.1	0.0	0.0	0.00	0.1	49
Arizona	5.0	14.3	10.2	18.24	47.7	32
Arkansas	26.2	42.6	42.9	50.99	162.7	18
California	118.3	134.3	92.8	115.25	460.6	3
Colorado	15.6	22.9	45.0	51.05	134.6	21
Connecticut	4.5	4.2	8.3	0.95	18.0	36
Delaware	0.6	2.0	0.2	0.34	3.1	44
Florida	24.0	30.9	95.3	77.19	227.3	13
Georgia	89.3	139.4	126.9	66.95	422.5	5
Hawaii	0.0	0.2	0.6	1.52	2.3	45
Idaho	7.3	8.5	15.6	16.31	47.7	33
Illinois	45.5	52.3	50.4	43.84	192.1	15
Indiana	43.4	55.8	35.0	17.45	151.6	20
Iowa	84.4	61.7	95.2	152.48	393.7	8
Kansas	29.8	64.6	154.5	159.44	408.4	7
Kentucky	26.5	53.3	20.9	8.62	109.3	24
Louisiana	29.3	27.0	44.7	58.93	160.0	19
Maine	1.7	2.9	1.8	1.85	8.2	40
Maryland	2.9	8.1	0.9	3.53	15.5	38
Massachusetts	4.0	3.0	8.4	2.24	17.6	37
Michigan	16.8	11.6	26.1	60.04	114.6	22
Minnesota	56.1	118.4	78.9	195.27	448.6	4
Mississippi	24.0	45.8	95.0	125.05	289.9	12
Missouri	28.7	65.2	25.1	48.45	167.4	17
Montana	34.7	35.5	76.2	160.03	306.4	11
Nebraska	37.6	51.0	191.0	75.03	354.6	9
Nevada	0.0	0.0	0.0	0.03	0.0	50
New Hampshire	0.8	0.1	0.2	0.29	1.4	46
New Jersey	0.7	3.4	1.0	0.67	5.7	42
New Mexico	6.4	2.4	8.8	5.00	22.6	35
New York	3.1	3.7	10.3	6.77	23.8	34
North Carolina	79.8	132.0	43.9	56.90	312.6	10
North Dakota	91.7	447.2	252.9	300.40	1,092.2	2
Ohio	11.6	41.1	23.4	27.59	103.7	25
Oklahoma	22.4	65.7	55.8	77.72	221.7	14
Oregon	1.3	20.5	20.4	30.69	72.9	29
Pennsylvania	5.4	22.6	6.6	18.14	52.8	31
Rhode Island	0.0	0.0	0.0	0.10	0.1	48
South Carolina	30.4	31.5	26.8	25.60	114.3	23
South Dakota	49.2	96.9	79.2	192.28	417.6	6
Tennessee	20.0	33.7	26.1	22.36	102.2	26
Texas	509.8	382.2	560.3	498.68	1,950.9	1
Utah	0.4	1.3	1.3	1.81	4.7	43
Vermont	0.2	0.1	0.3	0.11	0.7	47
Virginia	26.8	28.3	12.3	14.38	81.8	28
Washington	7.7	17.3	8.5	26.65	60.1	30
West Virginia	1.3	1.9	1.6	1.02	5.8	41
Wisconsin	10.1	9.3	23.0	53.45	95.8	27
Wyoming	2.0	1.9	4.2	6.82	14.8	39
Total	1,677.5	2,431.9	2,586.8	2,903.5	9,599.7	---

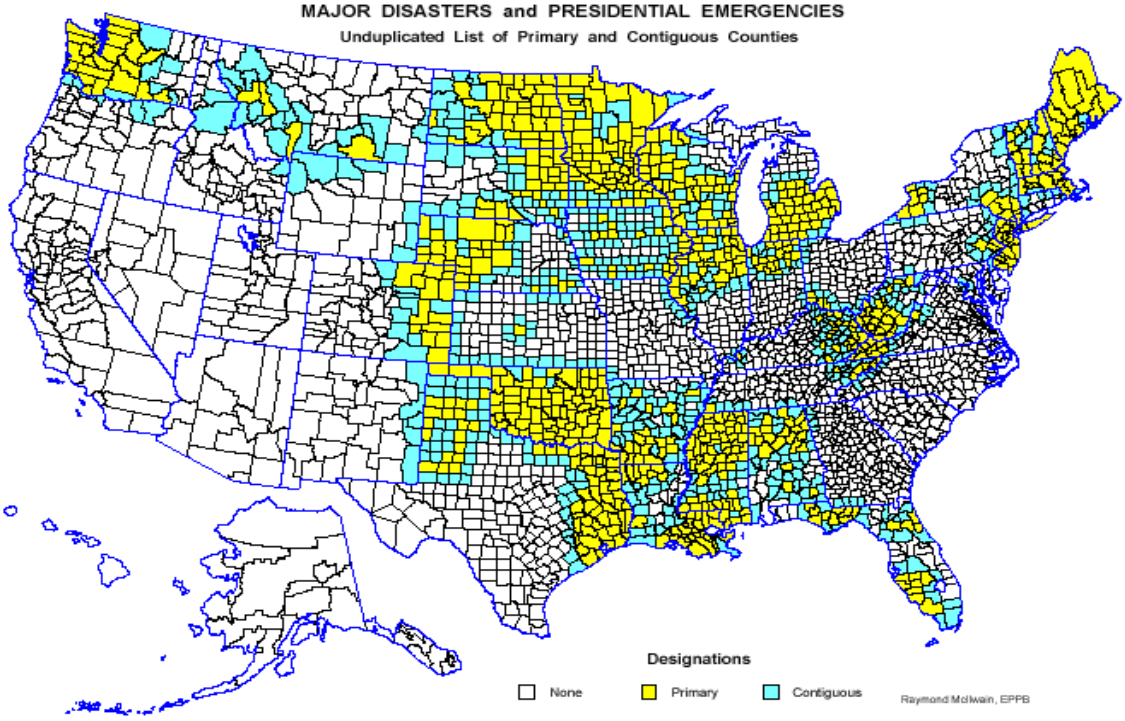
Table–Disaster payments by state, 1998-2000 (million dollars)

State	1998	1999	2000	1998-2000	Rank
Alabama	37.6	19.9	56.5	114.1	15
Alaska	0.2	0.0	0.8	1.1	50
Arizona	6.1	4.0	6.2	16.3	38
Arkansas	51.1	23.6	56.3	130.9	12
California	173.8	61.3	70.2	305.3	3
Colorado	19.9	13.3	42.7	76.0	20
Connecticut	4.5	4.1	4.7	13.3	40
Delaware	0.8	1.6	0.4	2.7	46
Florida	36.8	18.3	41.0	96.2	17
Georgia	94.2	73.9	105.6	273.8	4
Guam	0.0	0.0	0.0	0.0	53
Hawaii	0.1	0.0	0.8	0.9	51
Idaho	10.4	9.6	34.0	54.0	26
Illinois	27.6	12.8	12.6	53.0	28
Indiana	31.6	15.6	5.9	53.1	27
Iowa	36.9	15.4	17.1	69.5	23
Kansas	41.6	31.6	120.9	194.0	5
Kentucky	28.2	41.5	8.6	78.3	19
Louisiana	55.0	13.7	39.2	107.9	16
Maine	3.4	2.0	2.1	7.5	43
Maryland	4.2	7.8	1.0	13.0	41
Massachusetts	6.4	4.7	7.3	18.4	36
Michigan	39.1	6.8	27.8	73.6	22
Minnesota	62.4	48.0	40.6	150.9	10
Mississippi	33.2	21.0	70.6	124.8	13
Missouri	42.1	39.6	42.1	123.8	14
Montana	45.8	31.4	102.7	179.9	6
Nebraska	34.2	20.4	105.2	159.7	9
Nevada	0.1	0.1	2.4	2.6	48
New Hampshire	1.3	0.7	0.5	2.6	47
New Jersey	1.3	11.3	3.0	15.7	39
New Mexico	9.9	4.4	10.8	25.0	35
New York	10.0	13.8	26.5	50.3	30
North Carolina	68.5	62.6	29.1	160.2	8
North Dakota	109.3	142.0	213.7	464.9	2
Ohio	15.5	23.4	17.0	56.0	25
Oklahoma	69.6	32.0	49.3	150.9	11
Oregon	5.6	14.2	10.3	30.1	34
Pennsylvania	9.7	30.5	5.6	45.7	31
Puerto Rico	47.2	12.4	4.7	64.4	24
Rhode Island	0.5	0.8	0.2	1.5	49
South Carolina	32.8	26.4	26.1	85.2	18
South Dakota	68.7	40.6	52.0	161.3	7
Tennessee	23.2	29.1	22.3	74.6	21
Texas	461.9	192.4	443.9	1,098.1	1
Utah	0.8	1.5	6.4	8.7	42
Vermont	1.1	2.3	2.5	5.9	45
Virginia	21.3	15.2	9.0	45.4	32
Virgin Islands	0.0	0.0	0.0	0.1	52
Washington	12.6	20.0	20.4	52.9	29
West Virginia	1.8	3.4	1.6	6.8	44
Wisconsin	13.8	7.0	19.4	40.2	33
Wyoming	4.2	1.3	11.1	16.6	37
Total	1,918.1	1,229.2	2,010.1	5,157.4	---

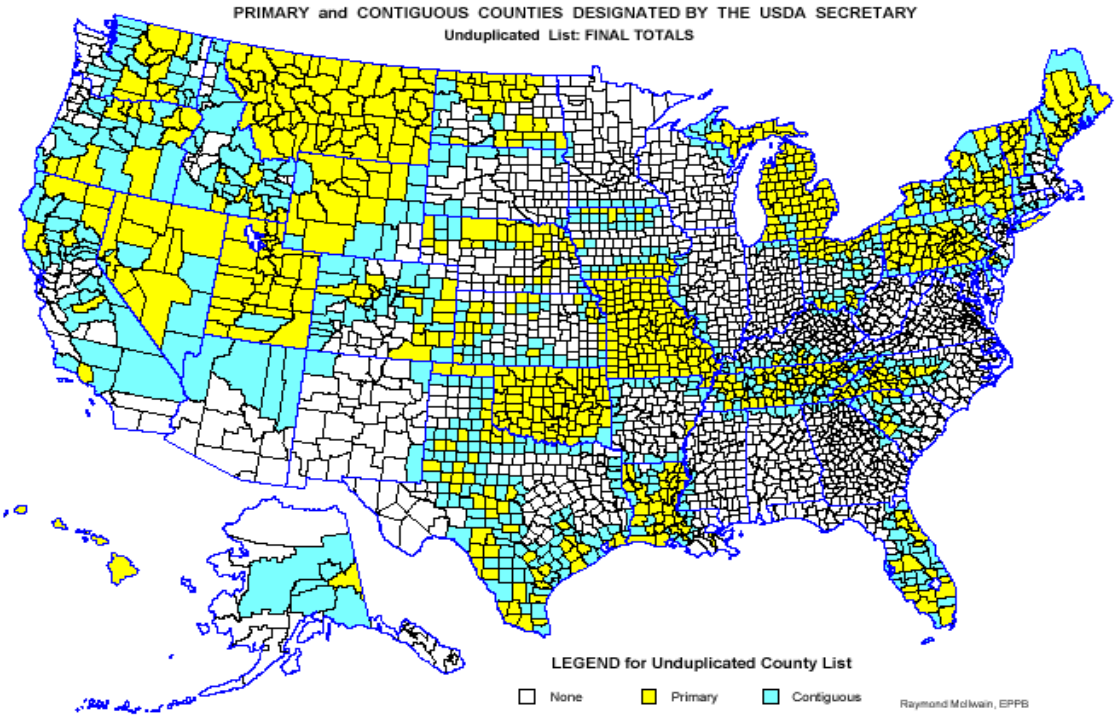
PRESIDENTIAL DISASTER DECLARATIONS - CY 2001

MAJOR DISASTERS and PRESIDENTIAL EMERGENCIES

Unduplicated List of Primary and Contiguous Counties



SECRETARIAL DISASTER DESIGNATIONS - CY2001

PRIMARY and CONTIGUOUS COUNTIES DESIGNATED BY THE USDA SECRETARY

Unduplicated List: FINAL TOTALS