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THE WHITE HOUSE

WASHINGTON

February 28, 1986

MEMORANDUM FOR RICHARD DAVIS  
ASSOCIATE DIRECTOR  
CABINET AFFAIRS

FROM: JOHN G. ROBERTS  
ASSOCIATE COUNSEL TO THE PRESIDENT

SUBJECT: Disaster Declaration for Nevada

Our office was asked to review a request from Governor Richard Bryan of Nevada for Presidential declaration of a "major disaster," within the meaning of the Disaster Relief Act of 1974, Pub. L. 93-288.

Based on a review of the request and the related materials forwarded by the Federal Emergency Management Agency, the Governor's request appears to comply with the statutory requirements for a disaster declaration. We also have no legal objection to the implementation materials prepared by FEMA in connection with this request.

cc: David L. Chew

## WHITE HOUSE CORRESPONDENCE TRACKING WORKSHEET

- O - OUTGOING  
 H - INTERNAL  
 I - INCOMING  
 Date Correspondence Received (YY/MM/DD) 1 / 1

Name of Correspondent: Rick Davis

MI Mail Report      User Codes: (A) \_\_\_\_\_ (B) \_\_\_\_\_ (C) \_\_\_\_\_

Subject: Request for a Major Disaster Declaration -- Nevada

ROUTE TO:	ACTION	DISPOSITION		
Office/Agency (Staff Name)	Action Code	Tracking Date YY/MM/DD	Type of Response Code	Completion Date YY/MM/DD
<u>CUHOLL</u>	ORIGINATOR	<u>86102128</u>		<u>1 / 1</u>
	Referral Note:			
<u>CUAT18</u>	<u>R</u>	<u>86102108</u>	<u>S</u>	<u>86102128</u>
	Referral Note:		<u>ASAP</u>	
		<u>1 / 1</u>		<u>1 / 1</u>
	Referral Note:			
		<u>1 / 1</u>		<u>1 / 1</u>
	Referral Note:			
		<u>1 / 1</u>		<u>1 / 1</u>
	Referral Note:			

**ACTION CODES:**

- |  |  |
|--|--|
| A - Appropriate Action                         | I - Info Copy Only/No Action Necessary |
| C - Comment/Recommendation                     | R - Direct Reply w/Copy                |
| D - Draft Response                             | S - For Signature                      |
| F - Furnish Fact Sheet to be used as Enclosure | X - Interim Reply                      |

**DISPOSITION CODES:**

- |                          |               |
|--------------------------|---------------|
| A - Answered             | C - Completed |
| B - Non-Special Referral | S - Suspended |

**FOR OUTGOING CORRESPONDENCE:**

- Type of Response = Initials of Signer  
 Code = "A"  
 Completion Date = Date of Outgoing


Comments: \_\_\_\_\_

Keep this worksheet attached to the original incoming letter.  
 Send all routing updates to Central Reference (Room 75, OEOB).  
 Always return completed correspondence record to Central Files.  
 Refer questions about the correspondence tracking system to Central Reference, ext. 2590.

THE WHITE HOUSE  
WASHINGTON

February 28, 1986

MEMORANDUM FOR FRED FIELDING

FROM: RICHARD DAVIS   
CABINET AFFAIRS

SUBJECT: Request for a Major  
Disaster Declaration --  
Nevada

The attached is a request for a Major Disaster Declaration for the State of Nevada which is recommended for approval by FEMA. Please provide me with your recommendation as soon as possible.

Thank you very much.

cc: David Chew

INFORMATION COPY

# **DISASTER PRIORITY**

**SUBJECT**

REQUEST FOR A MAJOR-DISASTER DECLARATION

NEVADA

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**DATE**

FEB 27 1986



# Federal Emergency Management Agency

Washington, D.C. 20472

## MEMORANDUM TO THE PRESIDENT

### NEVADA

The same series of Pacific storms that hit California also caused extensive damage in the western portion of Nevada. A break in a natural gas transmission line disrupted service to over 50,000 households. Both the American Red Cross and the Salvation Army operated shelters until February 26. About 1,000 persons were housed for some period of time. The Governor executed the State emergency plan on February 17. FEMA joined local officials in making a damage assessment of the affected areas. The State did not participate. On February 24, the Governor requested a major-disaster declaration for Douglas, Lyon, Storey, and Washoe Counties as well as Carson City.

### INDIVIDUAL ASSISTANCE

The Governor, in an amended request, has requested the Individual and Family Grant program be implemented. Approximately 150 individuals or families may qualify for a total program cost of \$325,000. Since, by law, this is cost-shared on a 75-25 basis, the Federal portion would be \$244,000.

At the present time, about 15 families are staying in motels or other accommodations for a 1-week period. The American Red Cross has four other families in longer-term housing.

The Small Business Administration has made a preliminary estimate for its disaster loan program. Currently, this is \$3.5 million for 88 business loans and 227 home or personal loans.

Agricultural damage is not known at this time.

### PUBLIC ASSISTANCE

FEMA is in close agreement with the State for the potentially eligible costs associated with Public Assistance. These costs are estimated at \$7,267,300. Based on 75/25 cost sharing, the Federal portion would be about \$5.5 million.

Debris removal costs, estimated at \$2.3 million, and \$2.8 million in road damage constitute the majority of eligible costs. Debris costs do not include snow removal activities.

In addition to eligible costs under PL 93-288, there is an estimated \$3 million for damage to the Federal-aid system. The Federal Highway Administration currently is assessing the extent of this damage, since it can address this damage independently of a major-disaster declaration.

FEMA contacted the U.S. Army Corps of Engineers (COE) regarding the \$2 million damage to levees reported by the Governor. The COE indicated it had no knowledge of damage to levees for which it is responsible.

No school damage was reported or noted.

#### DISCUSSION

The Governor's initial request did not adequately address the State portion of the commitment for Public Assistance. Further, the request did not clearly ask for any Individual Assistance programs. FEMA advised the Governor of this and an amended request has been received. The commitment is now considered to be adequate and, in our opinion, complies with the law.

Individual Assistance needs are not significant and are being addressed by volunteer agencies. The request has, however, been referred to the Small Business Administration (SBA) for its consideration for separate action regarding the disaster loan program in the requested areas. SBA has indicated that Washoe County met its criteria for its loan program. Eligibility for the other requested areas was not known at the time of the assessment.

The need for Public Assistance under PL 93-288 is apparent in all requested areas.

#### CONCLUSIONS

- ° The situation is of such severity and magnitude that effective response is beyond the capabilities of the State and local governments.
- ° A major-disaster declaration is warranted.
- ° In the event of a major-disaster declaration, I intend to designate Douglas, Lyon, Storey, and Washoe Counties and Carson City eligible for Public Assistance.

#### RECOMMENDATION

That the Governor's request be granted.

SIGNED

---

Director  
Federal Emergency Management Agency

Date:

FEB 27 1966

#### Attachments:

Declaration Letter  
Telegram to the Governor  
Notice to the Press  
Congressional Representation  
State Map  
Governor's Request

THE WHITE HOUSE

WASHINGTON

Dear Mr. Becton:

I have determined that the damage in certain areas of the State of Nevada resulting from severe storms and flooding, beginning on or about February 15, 1986, is of sufficient severity and magnitude to warrant a major-disaster declaration under Public Law 93-288. I therefore declare that such a major disaster exists in the State of Nevada.

In order to provide Federal assistance, you are hereby authorized to allocate, from funds available for these purposes, such amounts as you find necessary for Federal disaster assistance and administrative expenses. Consistent with the requirement that Federal assistance be supplemental, any Federal funds provided under PL 93-288 for Public Assistance will be limited to 75 percent of total eligible costs in the designated area.

Sincerely,

The Honorable Julius W. Becton, Jr.  
Director  
Federal Emergency Management Agency  
Washington, D.C. 20472



THE WHITE HOUSE

The Honorable Richard H. Bryan  
Governor of Nevada  
State Capitol  
Carson City, Nevada 89710

As you requested, I have declared a major disaster for the State of Nevada because of damage due to severe storms and flooding, beginning on or about February 15, 1986. I have authorized Federal relief and recovery assistance in the affected area.

Consistent with the requirement that Federal assistance be supplemental, any Federal funds provided under Public Law 93-288 for Public Assistance will be limited to 75 percent of total eligible costs in the designated area.

The Federal Emergency Management Agency (FEMA) will coordinate Federal assistance efforts and designate specific areas of the State eligible for such assistance. The Federal Coordinating Officer will consult with you and assist in the execution of the FEMA-State Disaster Assistance Agreement governing the expenditure of Federal funds and the related commitment on the part of State and local governments.

Sincerely,

Ronald Reagan

February , 1986

OFFICE OF THE WHITE HOUSE PRESS SECRETARY

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NOTICE TO THE PRESS

President Reagan today signed a major disaster declaration for Nevada, directing that Federal assistance be provided in those areas hit by flooding earlier this month.

The Federal Emergency Management Agency (FEMA) was directed to coordinate disaster assistance for public facilities, such as streets and bridges, in Carson City and the Counties of Douglas, Lyon, Storey, and Washoe.

FEMA will pay for 75 percent of such repairs out of the President's Disaster Relief Fund, with the remaining 25 percent provided by the State and local governments. Assistance eligible for reimbursement by FEMA is estimated at \$7.3 million.

In addition, the Federal Highway Administration currently is assessing damage to Federal highways in the flood area.

The Small Business Administration has been requested to determine as soon as possible if low-interest loans can be provided to homeowners, renters and businesses damaged by the flood. If approved, the loans would be four or eight percent, depending upon credit of the borrowers.

FEMA reported to the President that the American Red Cross, Salvation Army and other charitable organizations have been providing humanitarian aid in the flood area. A total of 1,000 people were cared for in mass shelters, with approximately 5,000 meals being served.

The Federal Insurance Administration, which is a part of FEMA, estimates there are 1,078 flood insurance policies valued at over \$51.5 million in force in the flood area. However, there are no estimates at this time on the number of claims to be filed on the policies that are backed by the Federal Government.

Ms. Joan Hodgins of FEMA's office in Seattle was named Federal Coordinating Officer for this disaster.

FOR FURTHER INFORMATION CONTACT: FEMA (202) 646-4600.

**NEVADA REPRESENTATION**

The Governor of Nevada is:

Richard H. Bryan (D)

Nevada Senators are:

Paul Laxalt (R)

Chic Hecht (R)

Representing the Affected Area:

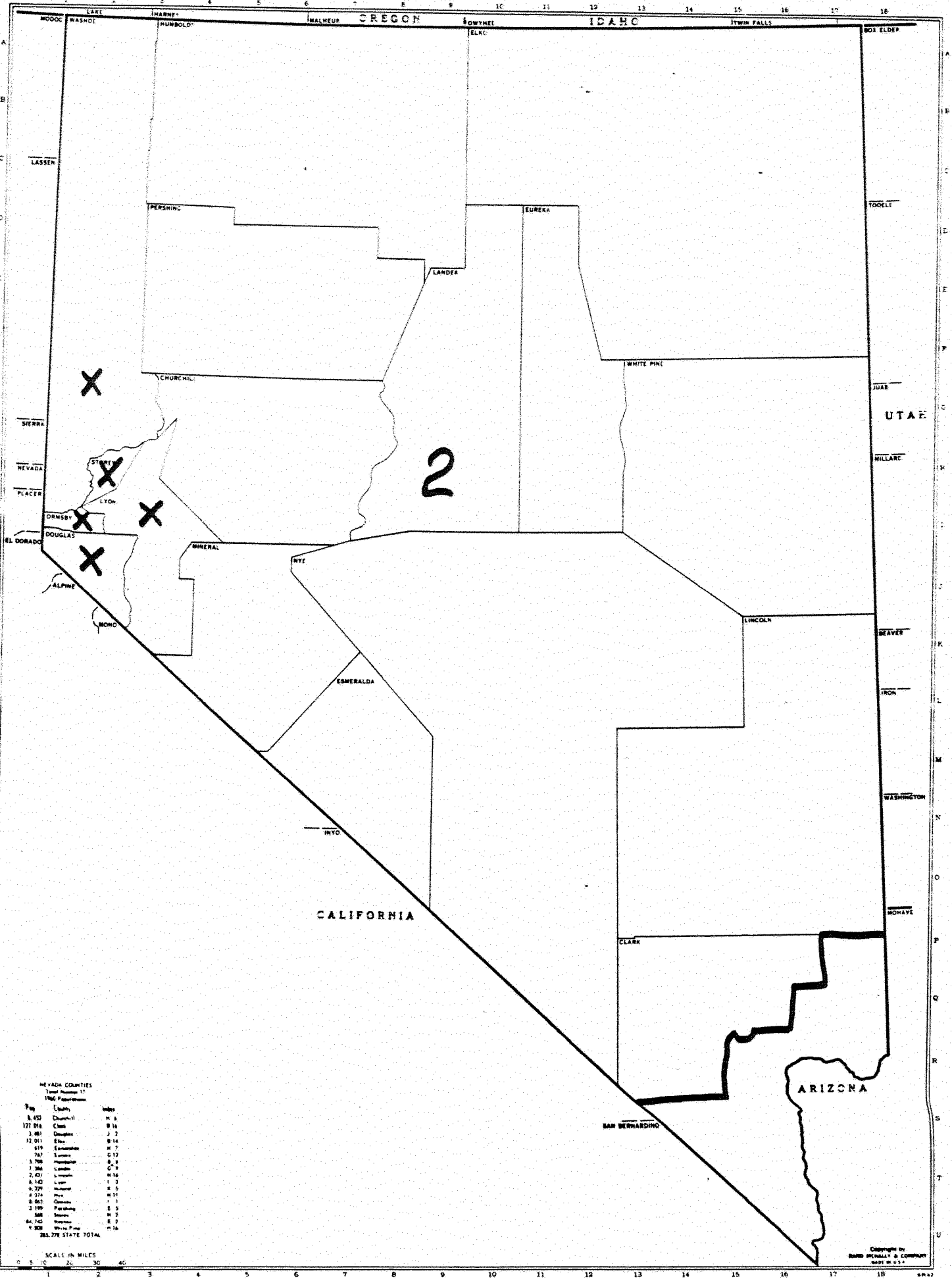
Barbara F. Vucanovich (R)

2nd District

For further information, contact FEMA at (202) 646-4500.

# RAND McNALLY STATE COUNTY OUTLINE MAP

NEVADA  
SIZE 8½ x 11



2

NEVADA COUNTIES  
Total Number 17  
1866 Populations

Pop.	County	Index
4,452	Churchill	H 9
127,016	Clark	B 16
3,881	Douglas	J 2
12,011	Elko	B 14
619	Esmeralda	H 7
767	Lincoln	C 12
5,766	Mineral	B 6
1,264	Pershing	C 9
2,011	Washoe	H 16
6,140	White Pine	I 3
6,279	Yuba	H 5
6,374	Winnemuccia	H 11
8,662	Carson	I 1
3,199	Pahrump	E 5
588	Humboldt	H 2
64,142	Henderson	E 2
6,828	White Pine	H 16
<b>285,779 STATE TOTAL</b>		

SCALE IN MILES  
0 5 10 20 30 40

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THE STATE OF NEVADA  
EXECUTIVE CHAMBER  
Carson City, Nevada 89716

RICHARD H. BRYAN  
Governor

TELEPHONE  
(702) 688-6678

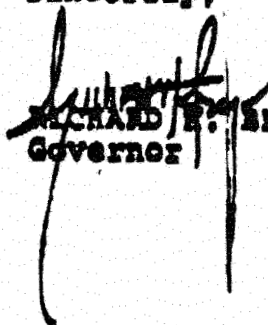
February 27, 1986

Robert L. Vickers, Regional Director  
FEMA Region IX  
Building 105  
Presidio of San Francisco, California 94129

Dear Mr. Vickers:

In response to your letter dated February 26, 1986,  
regarding my request for a Presidential Declaration, the attached  
amendment is forwarded for your necessary action.

Sincerely,

  
RICHARD H. BRYAN  
Governor

RHB/sc  
Encl.

RECEIVED  
FEB 28 1986  
19 472  
FEMA REGION IX  
105

FEB 27 '86 11:36 SC NEV

P.1



THE STATE OF NEVADA  
EXECUTIVE CHAMBER

Carson City, Nevada 89710

February 24, 1986

TELEPHONE  
(702) 881-2871

RICHARD H. BRYAN  
Governor

The Honorable Ronald Reagan  
President of the United States  
The White House  
Washington, D. C. 20500

Through: Mr. Robert L. Vickers  
Regional Director  
FEMA Region IX  
Building 103  
Presidio of San Francisco, California 94129

Dear Mr. President:

Under the provisions of Section 301(b), Public Law 93-288, as implemented by 44 CFR 205.41, I request that you declare a major disaster for the State of Nevada as a result of heavy rainstorms and winds which occurred from February 15 through February 20, 1986, causing severe flooding, erosion and mudslides to public facilities and private dwellings. The areas affected by this disaster include Carson City, Douglas County, Lyon County, Reno, Sparks, Storey County, and Washoe County.

The damage caused by this flooding over the six day period has seriously disrupted transportation over a five county wide area with damage to Federal, State and county road systems in excess of \$6,000,000.00. The flooding also caused evacuation of hundreds of private residences, damaged over 1000 homes, and severely damaged many businesses in the path of the swollen rivers. One community of 400 residents was completely evacuated due to a potential dam failure, while another was evacuated due to a potential mudslide. Avalanches posed a constant threat to several communities. To further complicate the response and recovery operation of local authorities, a major natural gas transmission line traversing the Truckee River ruptured on February 19th, disrupting gas service to approximately 50,000 customers in Lake Tahoe, Carson City, Minden, Gardnerville, Yerington, Fernley, Dayton, Silver Springs and other communities.

FEB 27 '86 11:36 GC NEV

The Honorable Ronald Reagan  
 February 24, 1986  
 Page 2 and 3 (Amended February 26, 1986)

This outage has necessitated shelter operations to care for residents without heat or cooking facilities. It has also caused closure of many businesses, including restaurants, causing an adverse economic impact in affected communities. I have been informed by public officials that this is the worst disaster to occur in northwest Nevada this century.

The amount and severity of disaster related damages are broken down by type and preliminary estimates follow:

Private Residential	\$ 3,445,000.00
Business	2,639,000.00
Agricultural	900,000.00
Public	<u>7,256,280.00</u>
	\$ 14,140,280.00

As a result of the situation I directed the execution of the State Emergency Plan on February 17, 1986, and declared a State of Emergency to exist in accordance with State Statutes. I have determined that the incident is of such severity and magnitude that effective response is beyond the capabilities of the State and the affected governments and that supplementary Federal assistance is necessary, and I hereby request implementation of Public Assistance and Individual Assistance Programs. Preliminary estimates of the nature and extent of Federal assistance needed under Public Law 93-288, as amended, are tabulated in enclosure A. Estimated requirements for Federal assistance from certain Federal agencies under other statutory authorities are tabulated in enclosure B.

The following information is furnished on the extent and nature of State resources which have been or will be used to alleviate the conditions of the disaster: the Nevada National Guard was used throughout the disaster in providing transportation to evacuate flood victims, air support of reconnaissance and photography requirements, surveillance of avalanche areas, transport of vital natural gas pipelines to area of disruption, acquisition of 500,000 sandbags, and feeding and shelter of displaced or needy residents. In addition to the National Guard commitments during the flooding activity, State resources were fully activated to assist local governments and private individuals in response and recovery operations. These agencies included Nevada Highway Patrol, the Division of Emergency Management, the Department of Transportation, Division of Forestry, Department of Welfare, Public Service Commission, Environmental Protection Agency, Department of Health, State Communication Systems, and Community Services. I requested assistance from the Army Corps of Engineers who provided technical assistance and arranged to supplement our depleted sandbag inventory. The American Red Cross assisted with shelters, mass feeding (6,000 meals), damage assessment, and temporary heaters to cope with the natural gas outages. I ascertained that all available State resources were committed to assist in disaster operations.

FEB 27 '86 11:31 GC NEV

P.4

The Honorable Ronald Reagan  
 February 24, 1986  
 Page 2 and 3 (Amended February 26, 1986) cont'd

I intend to implement the Individual and Family Grant Program (IFGP) based on the following assessments:

Total Homes

Major Damage	12
Minor Damage	980
 Total Dollars	 \$3,445,000

The anticipated applicant response to the IFGP is approximately 250, and the total cost of this program is estimated at \$750,000 of which the State share is \$187,000.

If the Individual and Family Grant Program is not implemented, I request the activation of the Small Business Administration disaster loan program.

Pursuant to Federal Emergency Management Agency regulations, I certify that the State and local expenditures for the major disaster for which no Federal reimbursement will be requested are expected to exceed \$1,997,145 in accordance with the table in enclosure C.

I have designated Mr. Robert J. Andrews as the State Coordinating Officer for this request. He will work with the Federal Emergency Management Agency in damage assessments and may provide further information or justification on my behalf.

Sincerely,

  
 RICHARD B. BRYAN  
 Governor

RHB/sc  
 Encl.



**GOVERNOR'S CERTIFICATION**

I certify that for this current disaster, State and local government expenditures and obligations will constitute a reasonable amount of the funds of such State and local governments for alleviating the damage, loss, hardship or suffering resulting from such disaster. As stated in my basic letter, and based on information available at this time, tabulation of these estimated total expenditures and obligations, for which no Federal reimbursement will be requested, follows:

CATEGORY OF ASSISTANCE	AMOUNT	
	STATE	LOCAL
<b>Individual Assistance:</b>		
Housing	\$	\$
Individual and Family Grants	\$ 187,500	\$
Mass Care	\$	\$
Other (specify)	\$	\$
<b>TOTAL</b>	<b>\$ 187,500</b>	<b>\$</b>
<b>Public Assistance:</b>		
Category A - Debris Clearance	\$ 194,441	\$ 388,184
Category B - Protective Measures	\$ 46,498	\$ 112,197
Category C - Road Systems	\$ 234,216	\$ 468,434
Category D - Water Control Facilities	\$ 41,708	\$ 84,117
Category E - Public Building and Related Equipment	\$	\$
Category F - Public Utilities	\$ 60,508	\$ 121,017
Category G - Facilities under Construction	\$ 2,758	\$ 5,517
Category H - Private, Non-profit Facilities	\$	\$
Category I - Other (not in above categories)	\$ 12,850	\$ 25,700
<b>TOTAL</b>	<b>\$ 602,979</b>	<b>\$ 1,206,616</b>
<b>Other:</b>		
<b>TOTAL</b>	<b>\$</b>	<b>\$</b>
<b>GRAND TOTAL</b>	<b>\$ 790,479</b>	<b>\$ 1,206,616</b>

ESTIMATED REQUIREMENTS FOR INDIVIDUAL ASSISTANCE, PL 93-288

<u>County</u>	<u>Damaged Homes</u>	<u>Estimated IFGP Grants</u>	<u>Dollars</u>
Carson City	152	50	\$150,000
Douglas County	104	40	120,000
Lyon County	45	10	30,000
Storey County	39	10	30,000
Washoe County	<u>652</u>	<u>140</u>	<u>420,000</u>
TOTAL	992	250	\$750,000

ENCLOSURE D



# Federal Emergency Management Agency

Region IX Building 103  
Presidio of San Francisco, California 94129

February 26, 1986

Governor Richard H. Bryan  
Governor of Nevada  
Carson City, Nevada 89710

Dear Governor Bryan:

Your request for a Presidential Declaration in the State of Nevada, dated February 24, 1986, has been received in this office and at the Federal Emergency Management Agency's National Office in Washington, D.C.

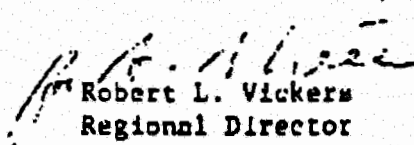
Processing of your request is being accomplished as quickly as possible, however, additional information is needed before your request can be completely processed. The additional information needed is as follows:

The State portion of the commitment is not considered to be a significant portion of the overall commitment. As such, this request cannot be completely processed until the State commitment complies with 44 CFR 205.33 (c)(5) which reflects Section 301 (b), PL 93-288.

This request as it is now written is considered to be for Public Assistance only. It contains no requirements for PL 93-288 Individual Assistance in Enclosure A. The statement in the basic letter referring to the Individual and Family Grant program is not a proper request for that program. A request for the IFG program must be in accordance with 44 CFR 205.54 (f) which states that the Governor must express his intention to implement the program. This expression of intent must include an estimate of the size and cost of the program.

It is requested that these essential elements be forwarded over your signature to this office as soon as possible.

Sincerely,

  
Robert L. Vickers  
Regional Director



THE STATE OF NEVADA  
EXECUTIVE CHAMBER

Carson City, Nevada 89710

RICHARD M. BRYAN  
Governor

TELEPHONE  
(702) 888-3479

February 26, 1986

The Honorable Ronald Reagan  
President of the United States  
The White House  
Washington, D. C. 20500

Through: Mr. Robert L. Vickers  
Regional Director  
FEMA Region IX  
Building 105  
Presidio of San Francisco, California 94129

Dear Mr. President:

Under the provisions of Section 301(b), Public Law 93-288, as implemented by 44 CFR 205.41, I request that you declare a major disaster for the State of Nevada as a result of heavy rainstorms and winds which occurred from February 15 through February 20, 1986, causing severe flooding, erosion and mudslides to public facilities and private dwellings. The areas affected by this disaster include Carson City, Douglas County, Lyon County, Reno, Sparks, Storey County, and Washoe County.

The damage caused by this flooding over the six day period has seriously disrupted transportation over a five county wide area with damage to Federal, State and county road systems in excess of \$6,000,000.00. The flooding also caused evacuation of hundreds of private residences, damaged over 1000 homes, and severely damaged many businesses in the path of the swollen rivers. One community of 400 residents was completely evacuated due to a potential dam failure, while another was evacuated due to a potential mudslide. Avalanches posed a constant threat to several communities. To further complicate the response and recovery operation of local authorities, a major natural gas transmission line traversing the Truckee River ruptured on February 19th, disrupting gas service to approximately 50,000 customers in Lake Tahoe, Carson City, Minden, Gardnerville, Yerington, Fernley, Dayton, Silver Springs and other communities.

The Honorable Ronald Reagan  
February 24, 1986  
Page 2

This outage has necessitated shelter operations to care for residents without heat or cooking facilities. It has also caused closure of many businesses, including restaurants, causing an adverse economic impact in affected communities. I have been informed by public officials that this is the worst disaster to occur in northwest Nevada this century.

The amount and severity of disaster related damages are broken down by type and preliminary estimates follow:

Private Residential	\$ 100,000.00
Business	1,200,000.00
Agricultural	900,000.00
Public	<u>7,256,280.00</u>
	\$ 9,456,280.00

As a result of the situation I directed the execution of the State Emergency Plan on February 17, 1986 and declared a State of Emergency to exist in accordance with State Statutes. I have determined that the incident is of such severity and magnitude that effective response is beyond the capabilities of the State and the affected governments and that supplementary Federal assistance is necessary. Preliminary estimates of the nature and extent of Federal assistance needed under Public Law 93-288, as amended, are tabulated in enclosure A. Estimated requirements for Federal assistance from certain Federal agencies under other statutory authorities are tabulated in enclosure B.

The following information is furnished on the extent and nature of State resources which have been or will be used to alleviate the conditions of the disaster: the Nevada National Guard was used throughout the disaster in providing transportation to evacuate flood victims, air support of reconnaissance and photography requirements, surveillance of avalanche areas, transport of vital natural gas pipelines to area of disruption, acquisition of 500,000 sandbags, and feeding and shelter of displaced or needy residents.

If the Individual and Family Grant Program is not implemented, I request the activation of the Small Business Administration disaster loan program.

Pursuant to Federal Emergency Management Agency regulations, I certify that the State expenditures for the major disaster for which no Federal reimbursement will be requested are expected to exceed \$1,814,070.00 in accordance with the table in enclosure C.

The Honorable Ronald Reagan  
February 24, 1986  
Page 3

I have designated Mr. Robert J. Andrews as the State Coordinating Officer for this request. He will work with the Federal Emergency Management Agency in damage assessments and may provide further information or justification on my behalf.

Sincerely,

  
RICHARD S. BRYAN  
Governor

RHB/sc  
Encl.

**ESTIMATED REQUIREMENTS FOR OTHER FEDERAL AGENCY PROGRAMS**

COUNTY	SBA HOME	SBA BUSINESS	FmHA LOANS	ASCS	SCS	FHMA	COT
Lyon	Unk						\$2,000,000.
Douglas	Unk		\$900,000.				
Washoe	\$256,000.	\$1,200,000.					
Carson City	Unk						
Storey	Unk						
State						\$3,000,000.	
<b>TOTAL</b>	<b>\$256,000.</b>	<b>\$1,200,000.</b>	<b>\$900,000.</b>			<b>\$3,000,000.</b>	<b>\$2,000,000.</b>

**ENCLOSURE B**

GOVERNOR'S CERTIFICATION

I certify that for this current disaster, State and local government expenditures and obligations will constitute a reasonable amount of the funds of such State and local governments for alleviating the damage, loss, hardship or suffering resulting from such disaster. As stated in my basic letter, and based on information available at this time, tabulation of these estimated total expenditures and obligations, for which no Federal reimbursement will be requested, follows:

CATEGORY OF ASSISTANCE	AMOUNT	
	STATE	LOCAL
<b>Individual Assistance:</b>		
Housing	\$	\$
Individual and Family Grants	\$	\$
Mass Care	\$	\$
Other (specify)	\$	\$
<b>TOTAL</b>	<u>\$</u>	<u>\$</u>
<b>Public Assistance:</b>		
Category A - Debris Clearance	\$	\$ 583,325
Category B - Protective Measures	\$ 90,000	\$ 169,495
Category C - Road Systems	\$	\$ 702,650
Category C - Water Control Facilities	\$	\$ 125,825
Category E - Public Building and Related Equipment	\$	\$ 4,425
Category F - Public Utilities	\$	\$ 181,525
Category G - Facilities under Construc- tion	\$	\$ 8,275
Category H - Private, Non-profit Facilities	\$	\$
Category I - Other (not in above categories)	\$	\$ 38,650
<b>TOTAL</b>	<u>\$ 90,000</u>	<u>\$1,814,070.</u>
<b>Other:</b>		
<b>TOTAL</b>	<u>\$</u>	<u>\$</u>
<b>GRAND TOTAL</b>	<u>\$</u>	<u>\$</u>



STATE OF NEVADA

Flood - Feb. 15, 1986

County	(A) Debris Clearance	(B) Protective Measures	(C) Road Systems	(D) Water Control Facilities	(E) Public Buildings & Equipment	(F) Public Utility Systems	(G) Facilities Under Construction	(H) Other	(I) Total
Douglas	22,500	57,400	178,100	98,100					356,100
Storey	-	10,700	168,300	1,700	3,500				184,200
Lyon	5,000	56,300	248,400	71,700				17,000	398,400
Carson City	5,000	349,000	224,000	251,500		123,300		34,300	987,100
Washoe	2,112,400	45,000	1,935,000	3,200	4,200	471,800		61,500	4,633,100
Sparks	133,000	33,400	6,400	27,000		121,000	33,100	31,000	384,900
Reno	55,400	121,580	50,400	50,100		10,000		10,400	297,880
Truckee Meadows Fire Protection District		4,600				10,000			14,600
<b>TOTAL:</b>	<b>2,333,300</b>	<b>677,980</b>	<b>2,810,600</b>	<b>503,300</b>	<b>17,700</b>	<b>726,100</b>	<b>33,100</b>	<b>154,200</b>	<b>7,256,280</b>
<b>FHWA: Title 23</b>			<b>3,000,000</b>						<b>3,000,000</b>
<b>TOTAL:</b>	<b>2,333,300</b>	<b>677,980</b>	<b>5,810,600</b>	<b>503,300</b>	<b>17,700</b>	<b>726,100</b>	<b>33,100</b>	<b>154,200</b>	<b>10,256,280</b>

ENCLOSURE A

THE WHITE HOUSE  
Office of the Press Secretary

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For Immediate Release

March 13, 1986

The President today signed a major disaster declaration for Utah, directing that federal assistance be provided in those areas hit by flooding last month.

The Federal Emergency Management Agency (FEMA) was directed to coordinate disaster assistance for public facilities, such as streets and bridges, in the counties of Cache, Morgan, Weber and Wasatch.

FEMA will pay for 75 percent of such repairs out of the President's Disaster Relief Fund, with the remaining 25 percent provided by the state and local governments.

John D. Swanson of FEMA's regional office in Denver was named Federal Coordinating Officer for this disaster.

FOR FURTHER INFORMATION CONTACT: FEMA (202) 646-4600.


# # #

THE WHITE HOUSE

WASHINGTON

March 12, 1986

MEMORANDUM FOR RICHARD DAVIS  
ASSOCIATE DIRECTOR  
CABINET AFFAIRS

FROM: JOHN G. ROBERTS   
ASSOCIATE COUNSEL TO THE PRESIDENT

SUBJECT: Disaster Declaration for Utah

Our office was asked to review a request from Governor Norman Bangerter of Utah for Presidential declaration of a "major disaster," within the meaning of the Disaster Relief Act of 1974, Pub. L. 93-288.

Based on a review of the request and the related materials forwarded by the Federal Emergency Management Agency, the Governor's request appears to comply with the statutory requirements for a disaster declaration. We also have no legal objection to the implementation materials prepared by FEMA in connection with this request.

cc: David L. Chew

## WHITE HOUSE CORRESPONDENCE TRACKING WORKSHEET

- O - OUTGOING
- H - INTERNAL
- I - INCOMING  
Date Correspondence Received (YY/MM/DD) 1 1

Name of Correspondent: Richard Bauer

MI Mail Report      User Codes: (A) \_\_\_\_\_ (B) \_\_\_\_\_ (C) \_\_\_\_\_

Subject: Request for a Major Disaster Declaration - Utah

ROUTE TO:	ACTION	Tracking Date	Disposition
Office/Agency (Staff Name)	Action Code	YY/MM/DD	Type of Response Code Completion Date YY/MM/DD
<u>CU Hall</u>	ORIGINATOR	<u>86,03,12</u>	<u>1 1</u>
<u>CUat 18</u>	Referral Note: <u>R</u>	<u>86,03,12</u>	<u>S 86,03,12</u>
	Referral Note:	<u>1 1</u>	<u>1 1</u>
	Referral Note:	<u>1 1</u>	<u>1 1</u>
	Referral Note:	<u>1 1</u>	<u>1 1</u>
	Referral Note:	<u>1 1</u>	<u>1 1</u>

- |   |   |
|---|---|
| <p><b>ACTION CODES:</b></p> <ul style="list-style-type: none"> <li>A - Appropriate Action</li> <li>C - Comment/Recommendation</li> <li>D - Draft Response</li> <li>F - Furnish Fact Sheet to be used as Enclosure</li> <li>I - Info Copy Only/No Action Necessary</li> <li>R - Direct Reply w/Copy</li> <li>S - For Signature</li> <li>X - Interim Reply</li> </ul> | <p><b>DISPOSITION CODES:</b></p> <ul style="list-style-type: none"> <li>A - Answered</li> <li>B - Non-Special Referral</li> <li>C - Completed</li> <li>S - Suspended</li> </ul> |
|---|---|

**FOR OUTGOING CORRESPONDENCE:**  
 Type of Response = Initials of Signer  
 Code = "A"  
 Completion Date = Date of Outgoing

Comments: \_\_\_\_\_

Keep this worksheet attached to the original incoming letter.  
 Send all routing updates to Central Reference (Room 75, OEOP).  
 Always return completed correspondence record to Central Files.  
 Refer questions about the correspondence tracking system to Central Reference, ext. 2590.

THE WHITE HOUSE

WASHINGTON

March 12, 1986

MEMORANDUM FOR FRED FIELDING

FROM: RICHARD DAVIS <sup>LD</sup>  
CABINET AFFAIRS

SUBJECT: Request for a Major  
Disaster Declaration --  
Utah

The attached is a request for a Major Disaster Declaration for the State of Utah which is recommended for approval by FEMA. Please provide me with your recommendation as soon as possible.

Thank you very much.

cc: David Chew

**INFORMATION COPY**

**DISASTER  
PRIORITY**

**SUBJECT**

REQUEST FOR A MAJOR-DISASTER DECLARATION

UTAH

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**DATE**

MAR 12 1986



# Federal Emergency Management Agency

Washington, D.C. 20472

## MEMORANDUM TO THE PRESIDENT

### UTAH

The same series of winter storms that resulted in major-disaster declarations for the States of California and Nevada also caused extensive damage throughout the State of Utah. Upwards of 11 inches of rain, along with snowmelt, resulted in flooding. Governor Norman Bangertter has requested a major-disaster declaration for Cache, Morgan, Weber, and Wasatch Counties. A joint FEMA-State damage assessment has been made in the requested areas.

#### INDIVIDUAL ASSISTANCE

The Governor's request does not indicate a need for any Individual Assistance programs under Public Law 93-288.

The damage assessment disclosed minor damage to a few homes. Currently, only one family is not residing in their home. There is no known requirement for PL 93-288 Individual Assistance programs.

Both Morgan and Weber Counties have applied for Emergency Conservation Program funds from the Agricultural Stabilization and Conservation Service of the U.S. Department of Agriculture. These funds would be used on a cost-shared basis with farmers and ranchers for the rehabilitation of flood-damaged agricultural land.

The need for the Small Business Administration's (SBA) disaster loan program is estimated at 120 applicants for \$742,000. Since the request for this program was not included in the basic letter, the State would have to make a separate request in order to obtain it; however, it is by no means certain if any of the counties would qualify under SBA criteria.

#### PUBLIC ASSISTANCE

Both FEMA and the State are in agreement with the potentially eligible costs, listed at \$1,528,931. Based on 75-25 cost sharing, the Federal portion would be \$1,146,698.

The largest amount, \$969,573, relates to road damage. This includes the loss of road surfaces, embankments, and shoulders along with roadside ditch erosion. The poor road conditions have created a threat to public health and safety, since emergency vehicles cannot respond properly because of road closures and detours.

Emergency protective measures amounted to \$235,148 and included sandbagging, temporary levee construction, and other flood control measures. Some emergency work still remains to be accomplished to restore damaged or destroyed drainage structures that prevent the use of a number of roads.

Most damage to water-control facilities is located in Weber County. Estimated at \$216,400, it consists of erosion to river banks, levees, a water distribution system, dikes, and protective riprap. Damage to levees is critical because of the impending spring runoff from snowmelt. Because of continuing high water, emergency repair of these facilities may not be possible before the stream flows increase.

Other costs relate to debris clearance and minor damage to public utilities.

Damage to the Federal-aid system of roads is estimated at \$843,000. This damage is not eligible under PL 93-288, since it can be addressed by the Federal Highway Administration under its own authorities. The State is planning to request this assistance.

#### DISCUSSION

The Governor's request complies with the law. The Governor has taken all necessary measures and has certified to a proper commitment on the part of the State.

Since 1981, the State of Utah has experienced a series of wet years that have resulted in major-disaster declarations in both 1983 and 1984. The State has exhibited prudence in its actions. It has set aside monies not only for the non-Federal share of Public Assistance in this event but also for funding any necessary emergency costs that might arise from the upcoming spring runoff. Further, the State has been seriously engaged in hazard mitigation measures against the rise in the level of the Great Salt Lake.

#### CONCLUSIONS

- ° The situation is of such severity and magnitude that effective response is beyond the capabilities of the State and local governments.
- ° The situation warrants a major-disaster declaration.
- ° In the event of a declaration, I intend to designate Cache, Morgan, Wasatch, and Weber Counties eligible for Public Assistance only.

#### RECOMMENDATION

That the Governor's request be granted.

SIGNED

---

Director  
Federal Emergency Management Agency

Date: MAR 12 1986

Attachments  
Declaration Letter  
Telegram to the Governor  
Notice to the Press  
Congressional Representation  
State Map  
Governor's Request



THE WHITE HOUSE

WASHINGTON

Dear Mr. Becton:

I have determined that the damage in certain areas of the State of Utah resulting from severe storms and flooding, beginning on February 12, 1986, is of sufficient severity and magnitude to warrant a major-disaster declaration under Public Law 93-288. I therefore declare that such a major disaster exists in the State of Utah.

In order to provide Federal assistance, you are hereby authorized to allocate, from funds available for these purposes, such amounts as you find necessary for Federal disaster assistance and administrative expenses. Consistent with the requirement that Federal assistance be supplemental, any Federal funds provided under PL 93-288 for Public Assistance will be limited to 75 percent of total eligible costs in the designated area.

Sincerely,

The Honorable Julius W. Becton, Jr.  
Director  
Federal Emergency Management Agency  
Washington, D.C. 20472

THE WHITE HOUSE

The Honorable Norman Bangerter  
Governor of Utah  
State Capitol  
Salt Lake City, Utah 84114

As you requested, I have declared a major disaster for the State of Utah because of damage due to severe storms and flooding, beginning on February 12, 1986. I have authorized Federal relief and recovery assistance in the affected area.

Consistent with the requirement that Federal assistance be supplemental, any Federal funds provided under Public Law 93-288 for Public Assistance will be limited to 75 percent of total eligible costs in the designated area.

The Federal Emergency Management Agency (FEMA) will coordinate Federal assistance efforts and designate specific areas of the State eligible for such assistance. Mr. John D. Swanson will be appointed as the Federal Coordinating Officer. He will consult with you and assist in the execution of the FEMA-State Disaster Assistance Agreement governing the expenditure of Federal funds and the related commitment on the part of State and local governments.

Sincerely,

Ronald Reagan

March , 1986

OFFICE OF THE WHITE HOUSE PRESS SECRETARY

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NOTICE TO THE PRESS

President Reagan today signed a major disaster declaration for Utah, directing that federal assistance be provided in those areas hit by flooding last month.

The Federal Emergency Management Agency (FEMA) was directed to coordinate disaster assistance for public facilities, such as streets and bridges, in the counties of Cache, Morgan, Weber and Wasatch.

FEMA will pay for 75 percent of such repairs out of the President's Disaster Relief Fund, with the remaining 25 percent provided by the state and local governments.

John D. Swanson of FEMA's regional office in Denver was named Federal Coordinating Officer for this disaster.

FOR FURTHER INFORMATION CONTACT: FEMA (202) 646-4600.

**UTAH REPRESENTATION**

**The Governor of Utah is:**

**Norman Bangerter (R)**

**Utah Senators are:**

**Jake Garn (R)**

**Orrin G. Hatch (R)**

**Representing the Affected Area:**

**James V. Hansen (R)**

**1st District**

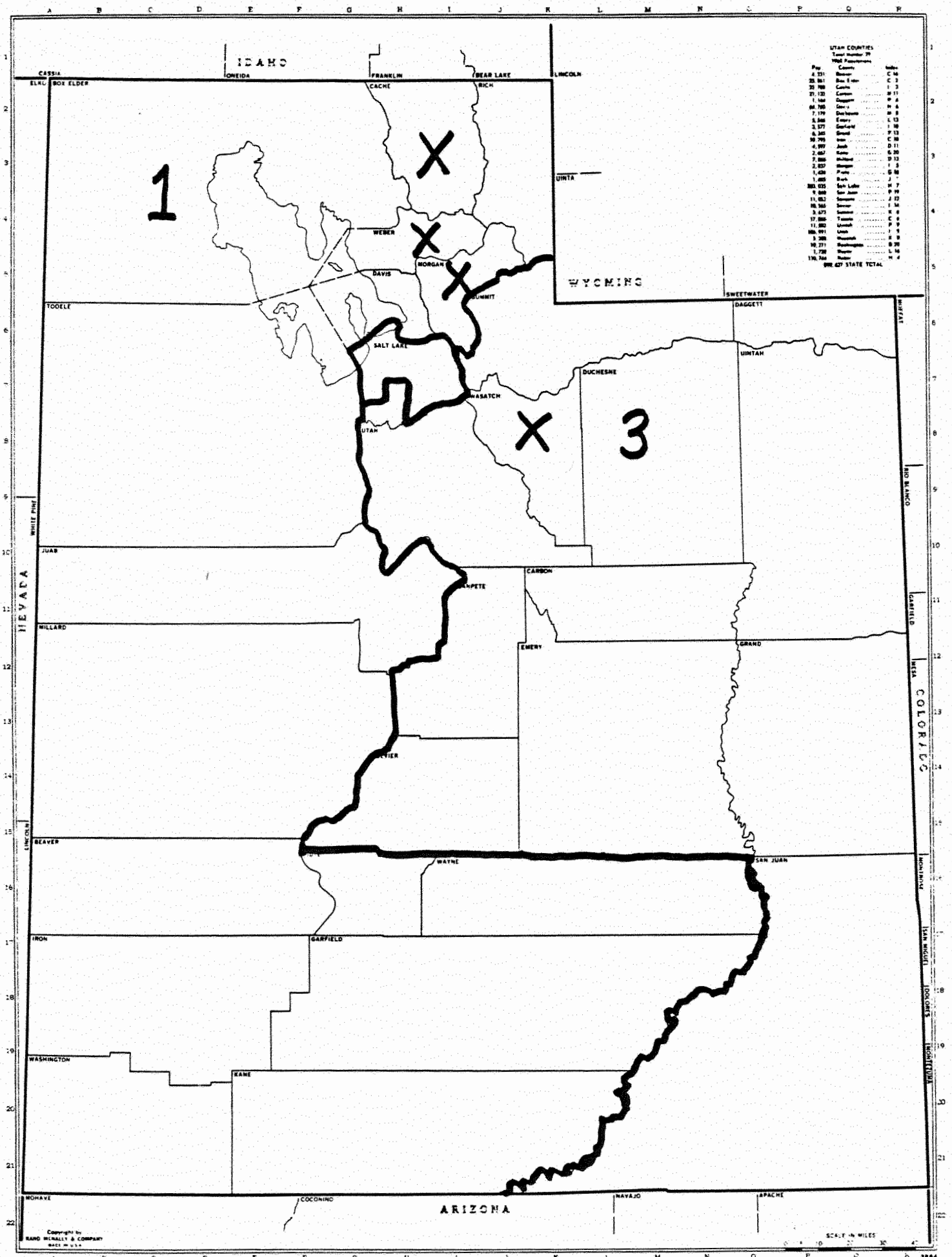
**Howard C. Nielson (R)**

**3rd District**

**For further information, contact FEMA at (202) 646-4500.**

# STATE COUNTY OUTLINE MAP

SIZE 8 1/2 x 11



To copy or reproduce this copyrighted map, or any portion thereof, by any method, including office copying machines, for personal or company use or resale without written permission is illegal.

This map is also available showing cities. 4700



STATE OF UTAH  
OFFICE OF THE GOVERNOR  
SALT LAKE CITY  
84114

NORMAN H. BANGERTER  
GOVERNOR

March 7, 1986

The Honorable Ronald Reagan  
The President  
The White House  
Washington, D.C.

Through:

Mr. Alton D. Cook  
Regional Director  
FEMA Region VIII  
Denver, Colorado 80226-0267

Dear Mr. President:

Under the provisions of Section 301 (b), Public Law 93-288, as implemented by Title 44 CFR 205.33, I request that you declare a major disaster for Utah as a result of widespread flood damage in Wasatch, Weber, Cache, and Morgan counties.

During the period from February 12, 1986 through February 22, 1986, heavy rains, combined with extensive snowmelt runoff in the northern portion of the State, caused extensive flood damage. Some areas received up to 11 inches of rain which caused the rivers and streams to exceed their runoff capacity. For example, the Weber River discharged the highest volume since 1896, reaching 7,649 cubic feet per second. By comparison, during the severe flood event in 1983, that same river discharged 5,970 cubic feet per second.

The most severe impacts were to public facilities, with numerous roads, bridges, culinary water systems and water control facilities receiving damage. Additional damages occurred to homes, businesses, crops and agricultural lands.

President Reagan  
 March 7, 1986  
 Page 2

The amount and severity of disaster-related damages are broken down by type and preliminary estimates as follows:

Private non-agricultural	\$ 711,500
Agricultural	700,000
Public (state and local governments)	2,378,931
TOTAL	\$3,790,431

As the result of the situation, I directed the execution of the State Emergency Plan on February 18, 1986. I have also declared a state of emergency for the four counties listed above. All appropriate actions have since been directed under state law.

I have determined that this incident is of such severity and magnitude that effective response is beyond the capabilities of the State and affected local governments and that supplementary Federal assistance is necessary. Preliminary estimates of the nature and extent of Federal assistance needed under PL 93-288, as amended, are tabulated in Enclosure A. Estimated requirements for federal assistance from certain Federal agencies under other statutory authorities are tabulated in Enclosure B. A supplementary justification statement is contained in Enclosure D.

The following information is furnished on the extent and nature of state resources which have been or will be used to alleviate the conditions of this disaster:

- (1) The State Division of Comprehensive Emergency Management provided immediate assistance in marshalling state resources to supplement local resources for emergency actions.
- (2) The Utah Army National Guard assisted with emergency measures and debris clearance.
- (3) The State Department of Transportation assisted with emergency measures, debris clearance operations and continues to repair damaged road systems.
- (4) The State Department of Health assisted local governments with inspections of the culinary water facilities and sewage disposal facilities within the affected counties.
- (5) The State Department of Agriculture assisted farmers and ranchers in ascertaining agricultural damage.
- (6) The Division of Geological and Mineral Survey provided geologists for mudslide assessment.

President Reagan  
March 7, 1986  
Page 3

In addition to the above actions, the State is firmly committed to continuing our hazard mitigation initiatives detailed in our Hazard Mitigation Plan. Following the 1983 and 1984 Presidential disaster declarations, the Legislature appropriated significant funds to address the State's portion of the FEMA public assistance program, to participate on facility improvements not covered by FEMA and to fund hazard mitigation projects. Overall, some \$45 million has been spent on the basis of a 50/50 cost share with local governments for these projects. The majority of these funds have gone directly towards achieving mitigation measures which will eliminate or lessen future disaster impacts. On the current disaster, the State will continue to pursue hazard mitigation activities by using a portion of \$2.5 million just appropriated by the Legislature for 1986 emergency requirements. The amount of this commitment for mitigation will be dependent upon the resulting State's cost share on the FEMA public assistance program and flood protection requirements associated with potential spring flooding which necessarily must be given first priority. Any funds remaining will be focused on selected mitigation activities or projects consistent with our State Hazard Mitigation Plan.

Pursuant to Federal Emergency Management Agency regulations, I certify that the total expenditures and obligations for this major disaster for which no Federal reimbursement will be requested are expected to exceed \$426,000 in accordance with the table in Enclosure C.

I have designated Ms. Lorayne Tempest, Director of the Division of Comprehensive Emergency Management, as the State Coordinating Officer for this request. She has worked with the Federal Emergency Management Agency in a joint Federal/State damage assessment and may provide further information or justification on my behalf.

Sincerely,

  
Norman H. Bangert  
Governor

Enclosures



## ESTIMATED REQUIREMENTS FOR PUBLIC ASSISTANCE

COUNTY	CATEGORY							TOTAL
	A	B	C	D	E	F	G	
CACHE	\$16,600	\$ 95,550	\$486,677	\$ 3,400	\$ -	\$ -	\$ -	\$ 602,227
MORGAN	\$ 7,256	\$ 49,638	\$336,152	\$ -	\$ -	\$ -	\$ -	\$ 393,046
WASATCH	\$20,004	\$ 14,960	\$ 74,544	\$ -	\$ -	\$13,000	\$ -	\$ 122,508
WEBER	\$40,400	\$ 75,000	\$ 72,200	\$213,000	\$ -	\$10,550	\$ -	\$ 411,150
TOTALS	\$84,260	\$235,148	\$969,573	\$216,400	\$ -	\$23,550	\$ -	\$1,528,931

ENCLOSURE A

## ESTIMATED REQUIREMENTS FOR OTHER FEDERAL AGENCY PROGRAMS

<u>COUNTY</u>	<u>SBA HOME LOANS</u>	<u>SBA BUSINESS LOANS</u>	<u>FMHA LOANS</u>	<u>ASCS</u>	<u>SCS</u>	<u>FHWA</u>	<u>DOE SCHOOL GRANTS</u>	<u>COE</u>	<u>OTHER</u>
WEBER/ MORGAN	#150 \$134,750	#20 \$292,000	# -	\$300,000	\$ -	\$ -	# - \$ -	\$ -	# - \$ -
CACHE/ WASATCH	\$134,750	\$150,000	-	-	-	-	-	-	-
STATE	-	-	-	-	-	\$850,000	-	-	-
<b>TOTALS</b>	<b>#150 \$269,500</b>	<b>#20 \$442,000</b>	<b># -</b>	<b>\$300,000</b>	<b>\$ -</b>	<b>\$850,000</b>	<b># - \$ -</b>	<b>\$ -</b>	<b># - \$ -</b>

ENCLOSURE B

GOVERNOR'S CERTIFICATION

I certify that for this current disaster, State and local government expenditures and obligations will constitute a reasonable amount of funds of such state and local governments for alleviating the damage, loss, hardship or suffering resulting from such disaster. As stated in my basic letter, and based on information available at this time, tabulation of these estimated total expenditures and obligations, for which no Federal reimbursement will be requested, follows:

Category of Assistance	Amount	
	State	Cache Co.
<b>Individual Assistance:</b>		
Housing	\$ -	\$ -
Individual and Family Grants	\$ -	\$ -
Mass Care	\$ -	\$ -
Other (specify)	\$ -	\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Public Assistance:</b>		
Category A - Debris Clearance	\$ -	\$ 4,150
Category B - Protective Measures	\$ -	\$ 23,887
Category C - Road Systems	\$ 121,196	\$ 60,834
Category D - Water Control Facilities	\$ 27,050	\$ 425
Category E - Public Building and Related Equipment	\$ -	\$ -
Category F - Public Utilities	\$ 2,943	\$ -
Category G - Parks and Recreation	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 151,189</b>	<b>\$ 89,296</b>
<b>Other:</b>		
Sandbags	<b>\$ 44,000</b>	<b>\$ -</b>
<b>GRAND TOTAL</b>	<b>\$ 195,189</b>	<b>\$ 89,296</b>

ENCLOSURE C

Category of Assistance	Amount	
	Morgan County	Wasatch County
<b>Individual Assistance:</b>		
Housing	\$ -	\$ -
Individual and Family Grants	\$ -	\$ -
Mass Care	\$ -	\$ -
Other (Specify)	\$ -	\$ -
<b>Public Assistance:</b>		
Category A - Debris Clearance	\$ 1,814	\$ 5,001
Category B - Protective Measures	\$12,409	\$ 3,740
Category C - Road Systems	\$42,019	\$ 9,318
Category D - Water Control Facilities	\$ -	\$ -
Category E - Public Building and Related Equipment	\$ -	\$ -
Category F - Public Utilities	\$ -	\$ 1,625
Category G - Parks and Recreation	\$ -	\$ -
<b>TOTAL</b>	<u>\$56,242</u>	<u>\$19,684</u>
<b>Other:</b>		
<b>TOTAL</b>	<u>\$ -</u>	<u>\$ -</u>
<b>GRAND TOTAL</b>	<u>\$56,242</u>	<u>\$19,684</u>

ENCLOSURE C

<u>Category of Assistance</u>	<u>Amount Weber County</u>
<b>Individual Assistance:</b>	
Housing	\$ -
Individual and Family Grants	\$ -
Mass Care	\$ -
Other (Specify)	\$ -
<b>Public Assistance:</b>	
Category A - Debris Clearance	\$10,100
Category B - Protective Measures	\$18,750
Category C - Road Systems	\$ 9,025
Category D - Water Control Facilities	\$26,625
Category E - Public Building and Related Equipment	\$ -
Category F - Public Utilities	\$ 1,318
Category G - Parks and Recreation	\$ -
	<u>TOTAL</u>
	\$65,818
<b>Other:</b>	
	<u>TOTAL</u>
	\$ -
	<u>GRAND TOTAL</u>
	\$65,818

ENCLOSURE C

SUPPLEMENTARY JUSTIFICATION  
STATE DAMAGE ASSESSMENT  
REQUEST FOR A MAJOR DISASTER DECLARATION

I. BACKGROUND:

Wasatch County is located east of Utah County. The county has a population of 8,523 with a per capita personal income of \$7,854. The economy of the county is heavily dependent upon industrial and tourist revenues. The county's first quarter 1986 unemployment rate was 20.7 percent.

Weber County is located immediately adjacent to the western side of the Wasatch range. The county has a population of 144,616 with a per capita personal income of \$9,910. The economy of the county is heavily dependent upon governmental and industrial revenues. The county's first quarter 1986 unemployment rate was 6.3 percent.

Cache County is located in the northern portion of Utah. The county's population is 57,156 with a per capita personal income of 7,459. The economy of the county is dependent upon agriculture, tourist trade and Utah State University student revenues. The county's first quarter 1986 unemployment rate was 5.6 percent.

Morgan County is located in the northern portion of the state. The county has a population of 4,917 with a per capita personal income of \$9,856. The economy of the county is heavily dependent upon agriculture revenues. The county's first quarter 1986 unemployment rate was 7.9 percent.

NOTE: The county populations are derived from 1980 census data.

II. SIGNIFICANT EFFECTS ON PEOPLE:

Two homes have been destroyed, another two homes have been subjected to major damage and one hundred forty-six (146) homes have minor flooding damage.

No unemployment has been reported as the result of the flooding.

III. SIGNIFICANT EFFECTS ON STATE OR LOCAL GOVERNMENT:

To date, the State of Utah and the affected counties have incurred approximately \$669,000 in emergency flood fighting costs.

The costs of repairing or replacing public facilities damaged this year has created an extremely serious economic burden upon the state and the affected counties due to the heavy financial drain amounting to approximately \$65,000,000 that resulted from the 1983 and 1984 flood disasters.

ENCLOSURE D

The principal impacts on the state and local governments are on the water control facilities, roads and bridges, culinary water systems and accumulation of debris.

IV. SIGNIFICANT EFFECTS ON PRIVATE, NON-PROFIT ORGANIZATIONS:

No significant effects have been reported.

V. SIGNIFICANT EFFECTS TO BUSINESSES:

Twenty (20) businesses in Weber and Cache counties sustained flood damage. Four (4) received major damage estimated at \$192,000 and sixteen (16) received minor damage estimated at \$250,000.

VI. IMPACTS ON AGRICULTURE:

Flooding has caused approximately \$300,000 in damages to crops and farmlands in the four counties. In addition, it is estimated that \$400,000 in damages to privately owned dikes, levies, and irrigation systems also occurred.

VII. STATE AND LOCAL RESPONSE:

A. State:

Under the provisions of the State Emergency Plan, the following assistance was provided in support of local government emergency response actions:

1. Utah Army National Guard provided personnel and equipment for emergency flood fighting and debris clearance operations.
2. The State Department of Transportation provided trucks and crews to assist with debris clearance, flood fighting operations and repairing damaged roads and bridges.
3. The State Department of Health provided technical support involving culinary water and sewage treatment plant problems.
4. The State Division of Geological and Mineral Survey provided geologists to assist local governments with mudslide assessments.
5. The State distributed approximately 500,000 sandbags to the affected counties.
6. The State has allocated \$2,500,000 to fund 12 1/2% of the overall eligible costs for approved FEMA permanent repair projects. It will also be used on a 50/50 matching basis, to assist with the repairs of non-FEMA eligible damages to community or county owned public facilities. However, an unknown portion of these funds must be available for flood protection in response to potential heavy spring runoff.
7. The State has suffered no other major disaster during the past year.

8. The State has been actively engaged in numerous hazard mitigation activities based upon the state hazard mitigation planning efforts following the 1983 and 1984 major disasters.

**B. Local:**

1. Local response consisted mainly of warning, emergency protective measures, debris clearance, traffic control activities, evacuation operations and damage assessments.
2. Each affected jurisdiction activated its full complement of public works and flood control personnel and equipment for the conduct of emergency protective measures and debris clearance operations.
3. The affected counties, cities and towns have depleted available funds as the result of the flood fighting operations combined with the costs of response and recovery operations during the 1983 and 1984 floods.