

Resource Document

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Growth-Conservation Areas Program

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MAY 15, 2001

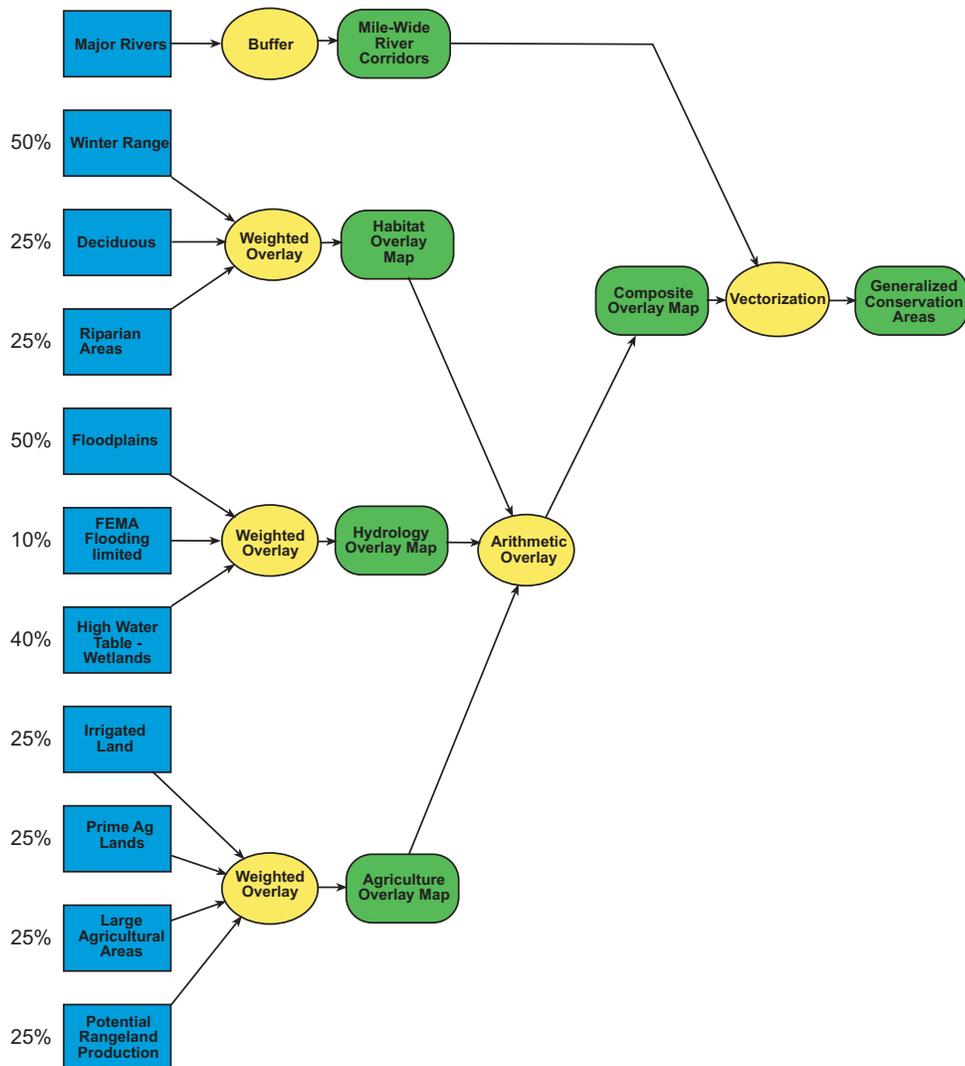
RESOURCE DOCUMENT 5: Growth-Conservation Areas Program Gallatin County Growth Policy “A Shared Vision for a New Century”

5 GROWTH-CONSERVATION AREAS PROGRAM

5.1 CONSERVATION AREAS.

Conservation Areas were designated by modeling GIS information for agriculture, hydrology and wildlife habitat. The model and weighted percentages are shown below. The GIS layers and metadata is found on the following pages. After the Conservation Areas were designated, the areas were generalized to follow section or quarter-section lines, to include holes of less than 640 acres and to eliminated isolated areas of less than 640 acres.

Conservation Areas Model Diagram



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MAP: Agriculture Land Groups

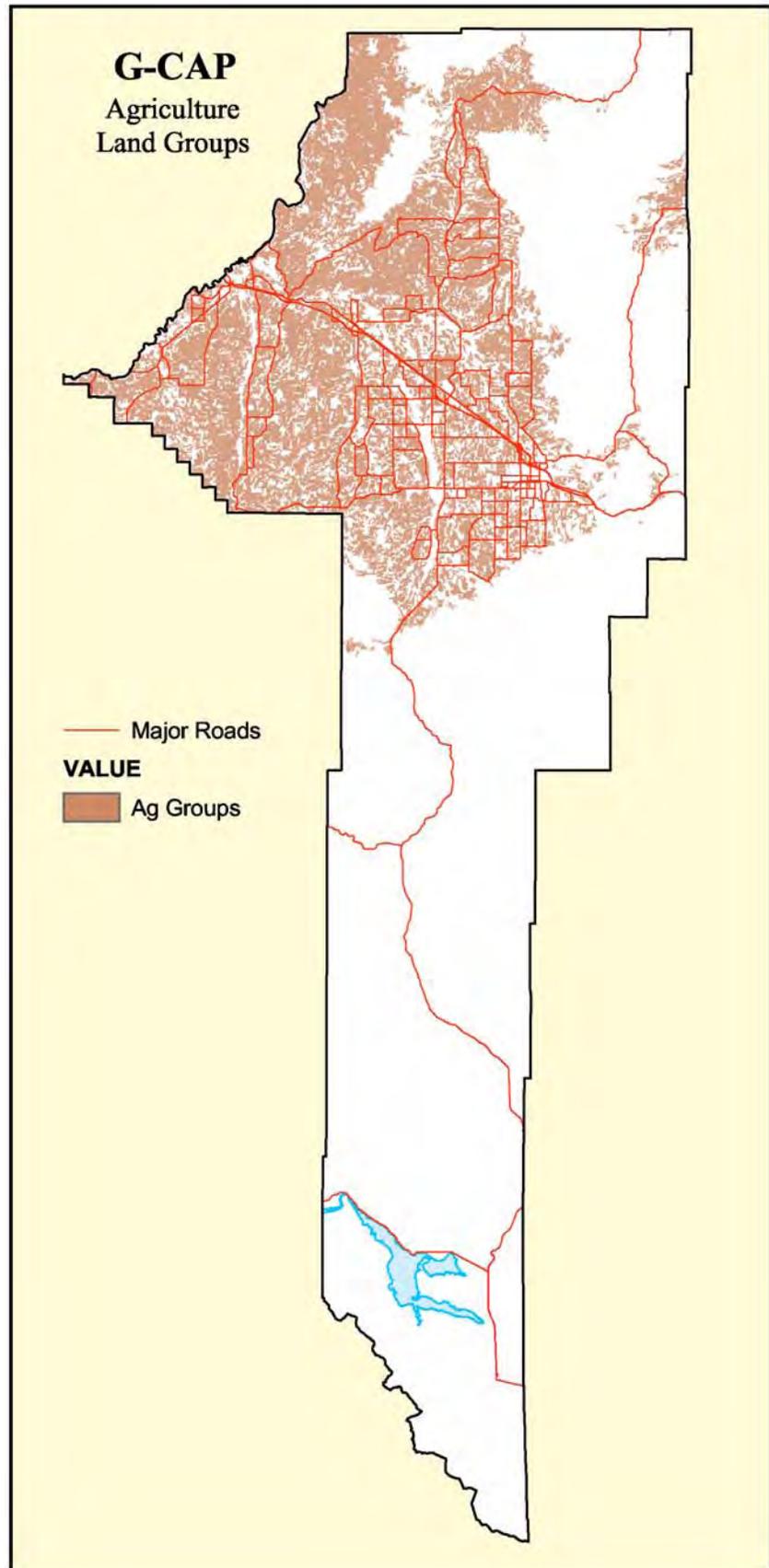
SOURCE: MSU;
Thematic Mapper-
Landsat

ATTRIBUTE USED:
Value

ORIGINAL SCALE:
30m

DATE: Mixed

**COMPOSITE USED
IN:** Agriculture



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MAP: Irrigated Lands
Capability Class

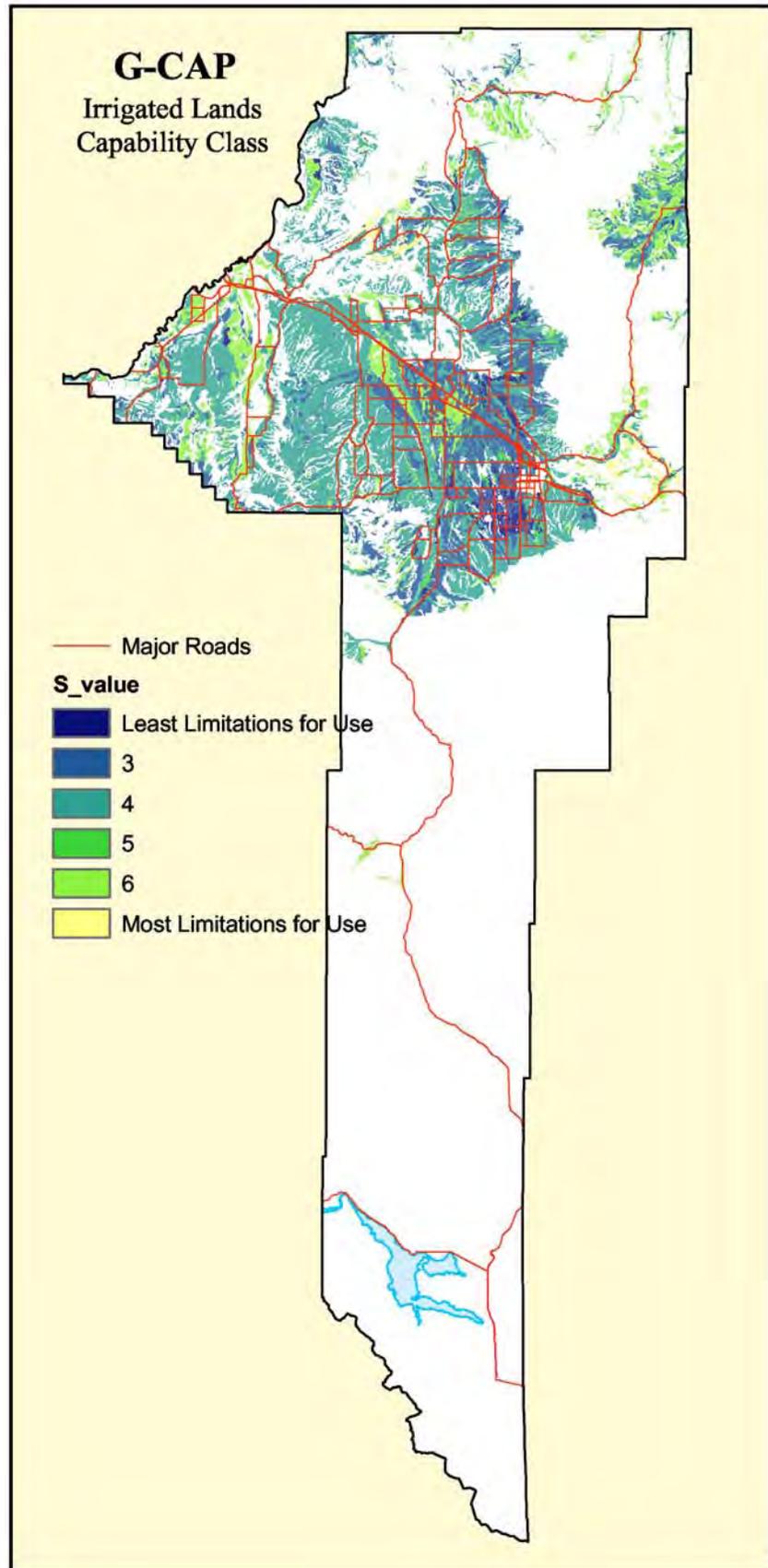
SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Clirr

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Agriculture



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MAP: Rangeland
Production Potential

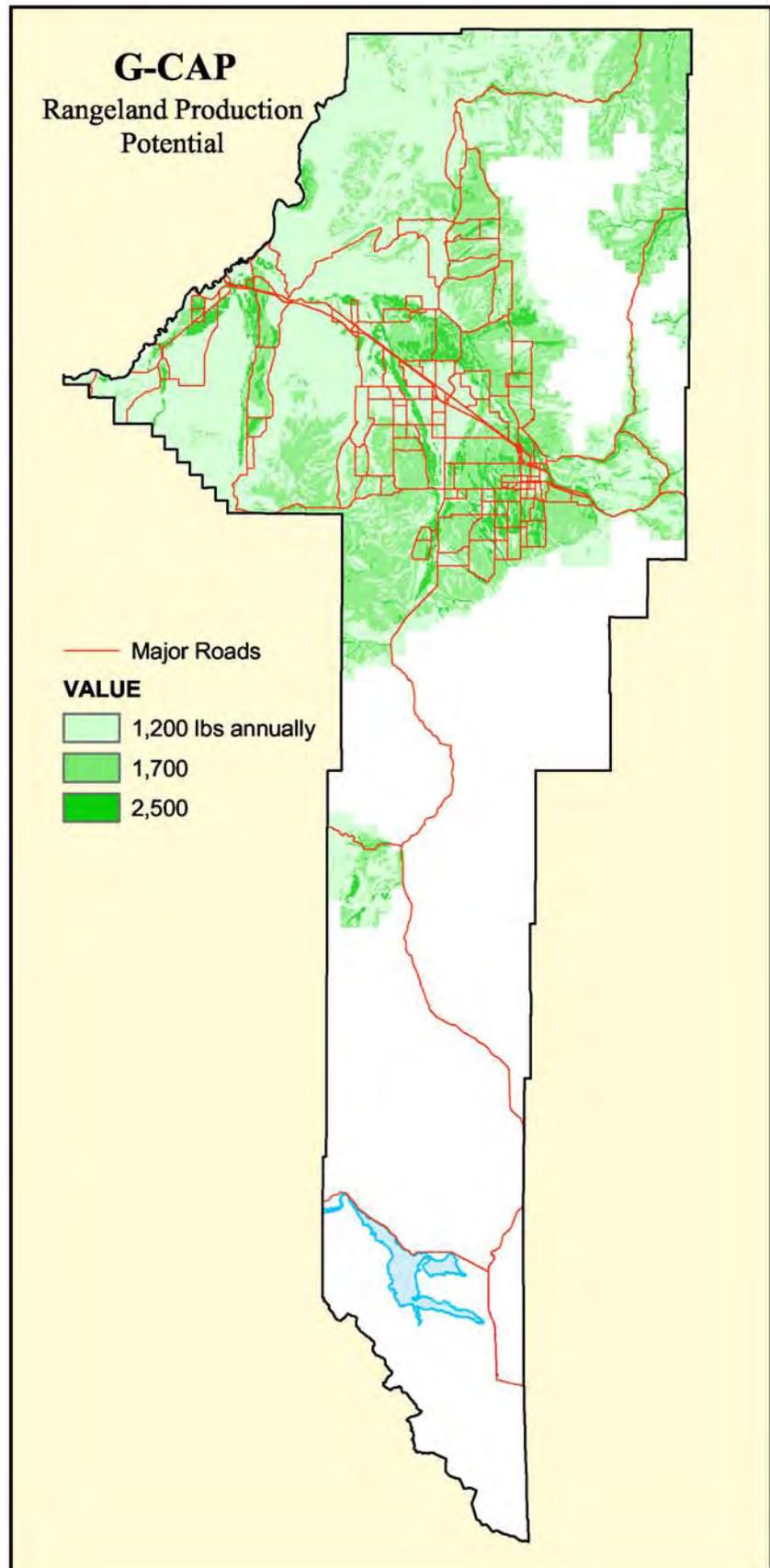
SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Rsprod

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Agriculture



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MAP: Prime
Agriculture

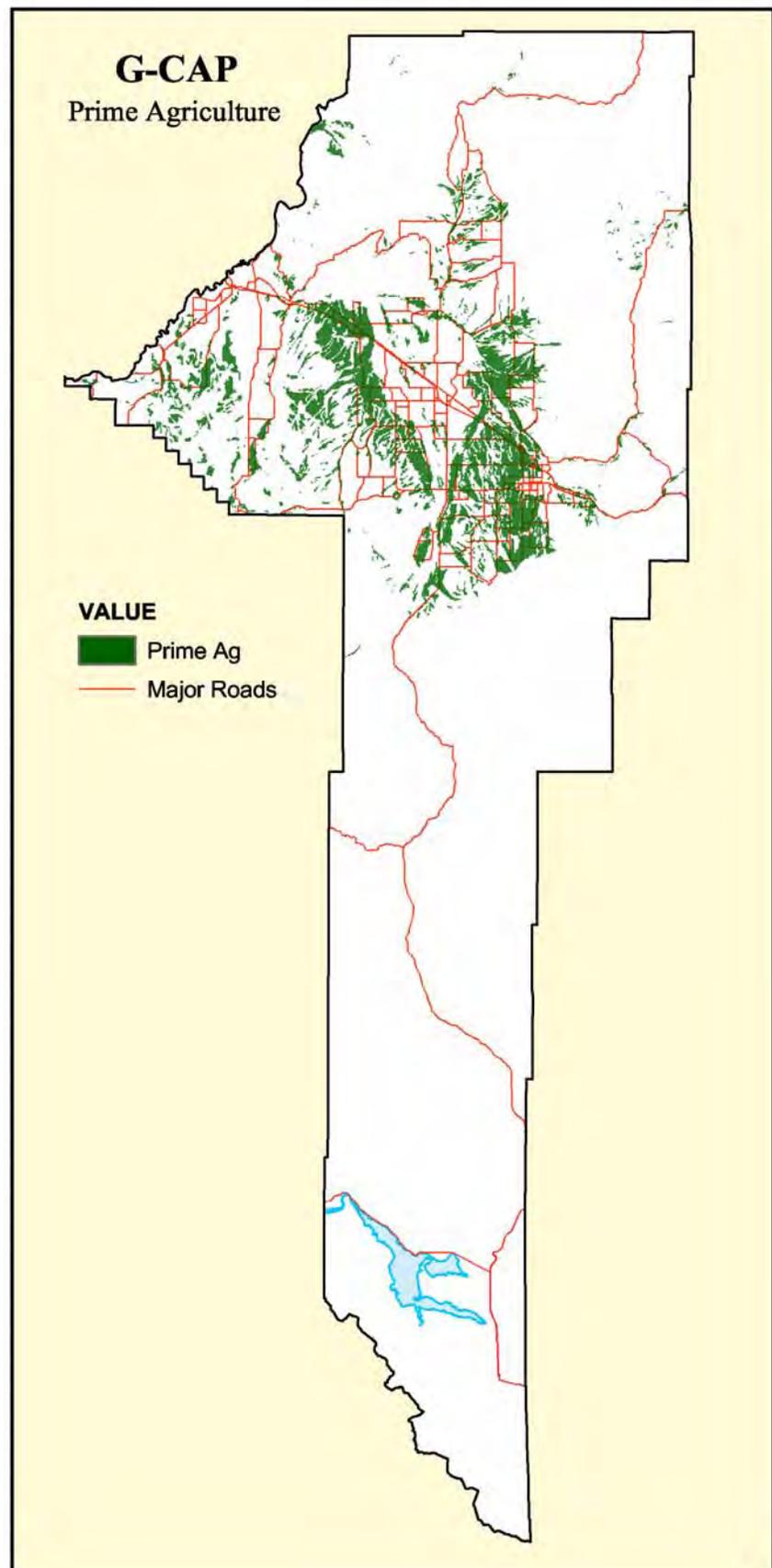
SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Primfml

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Agriculture



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MAP: Agriculture
Overlay

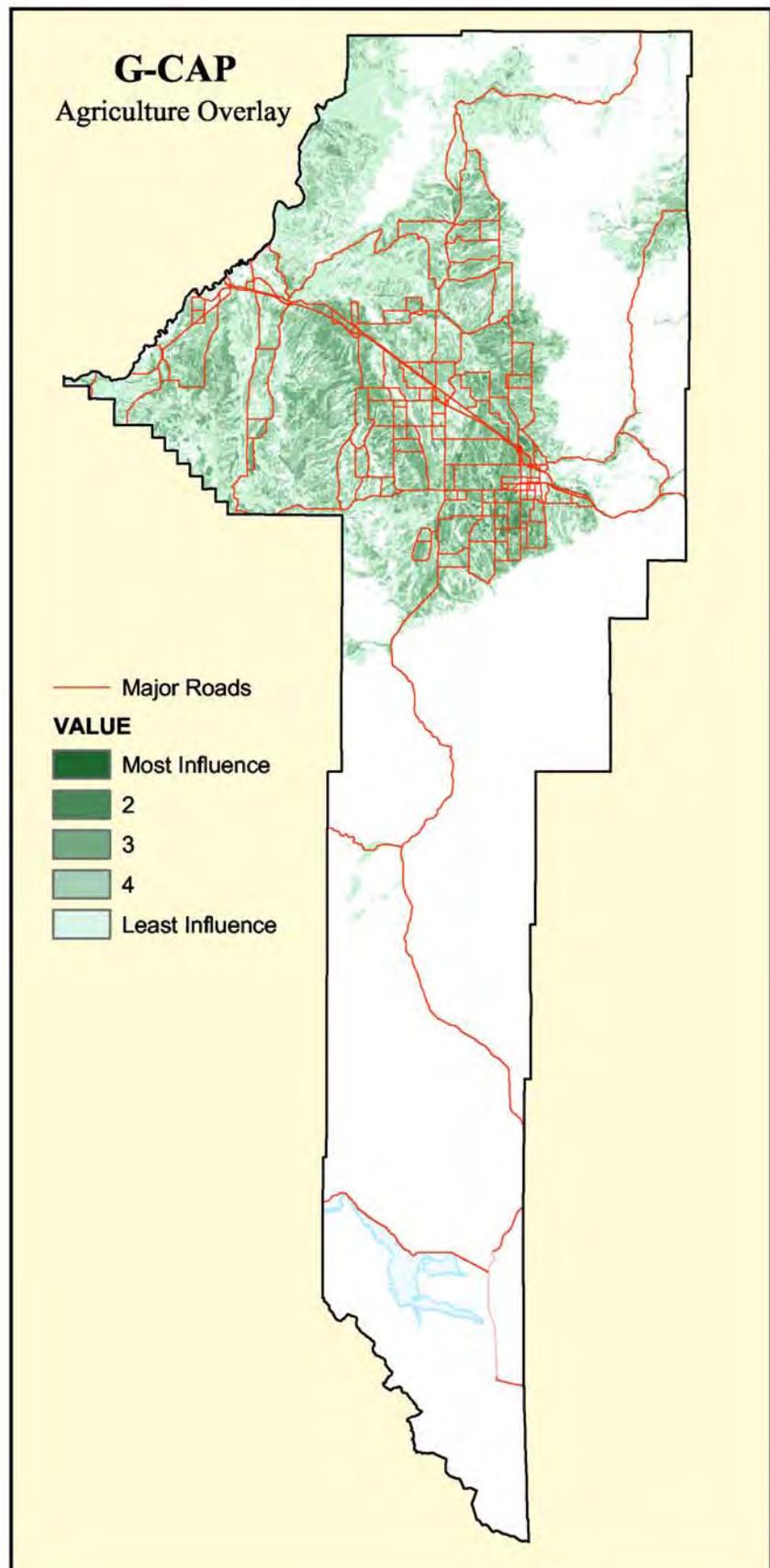
SOURCE: derived

ATTRIBUTE USED:
VALUE

ORIGINAL SCALE:
65m

DATE: 2000

**COMPOSITE USED
IN:** Conservation Area



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MAP: Water Table
Depth

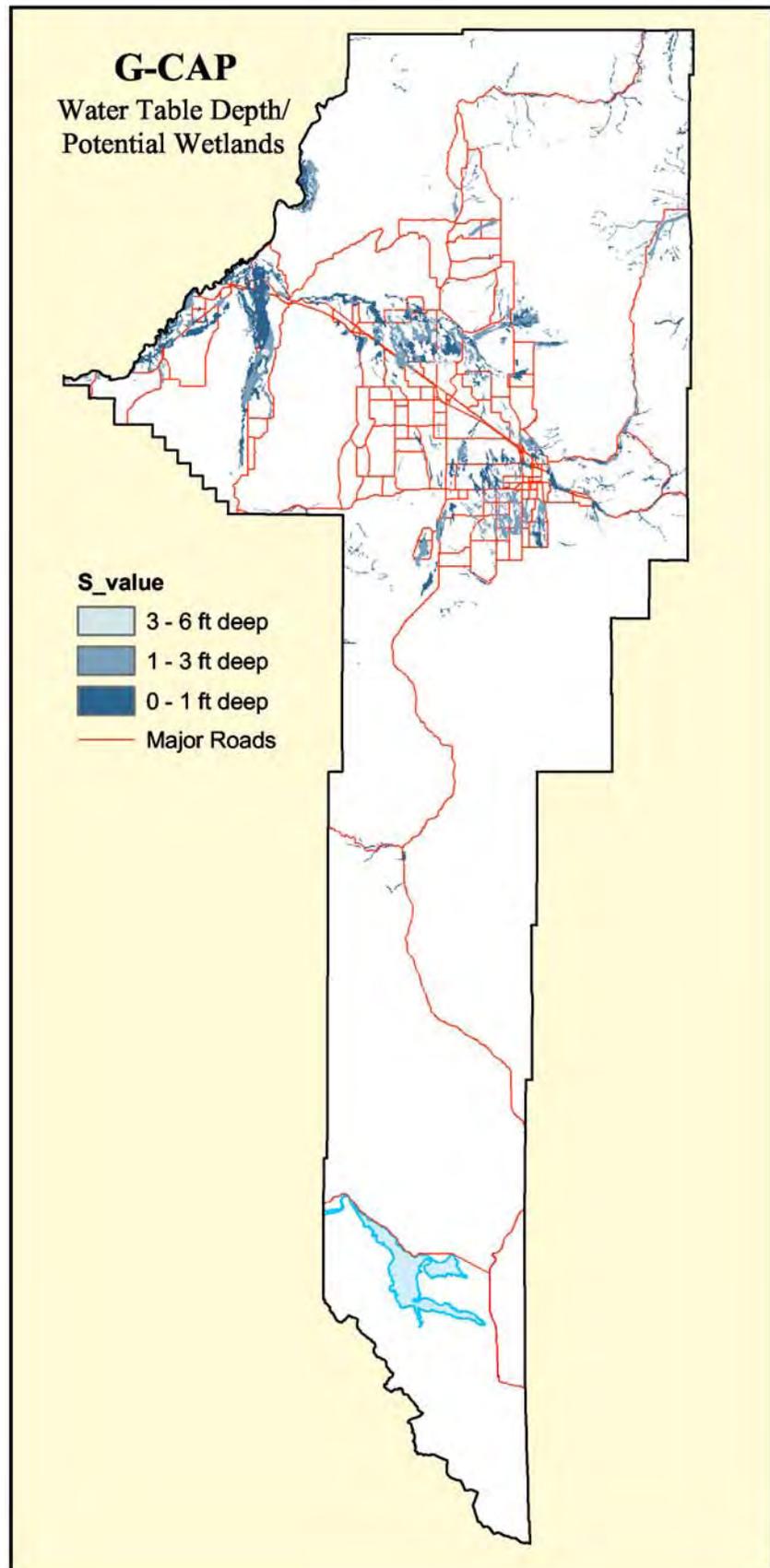
SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Drainage

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Hydrology



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MAP: Flooding - FEMA

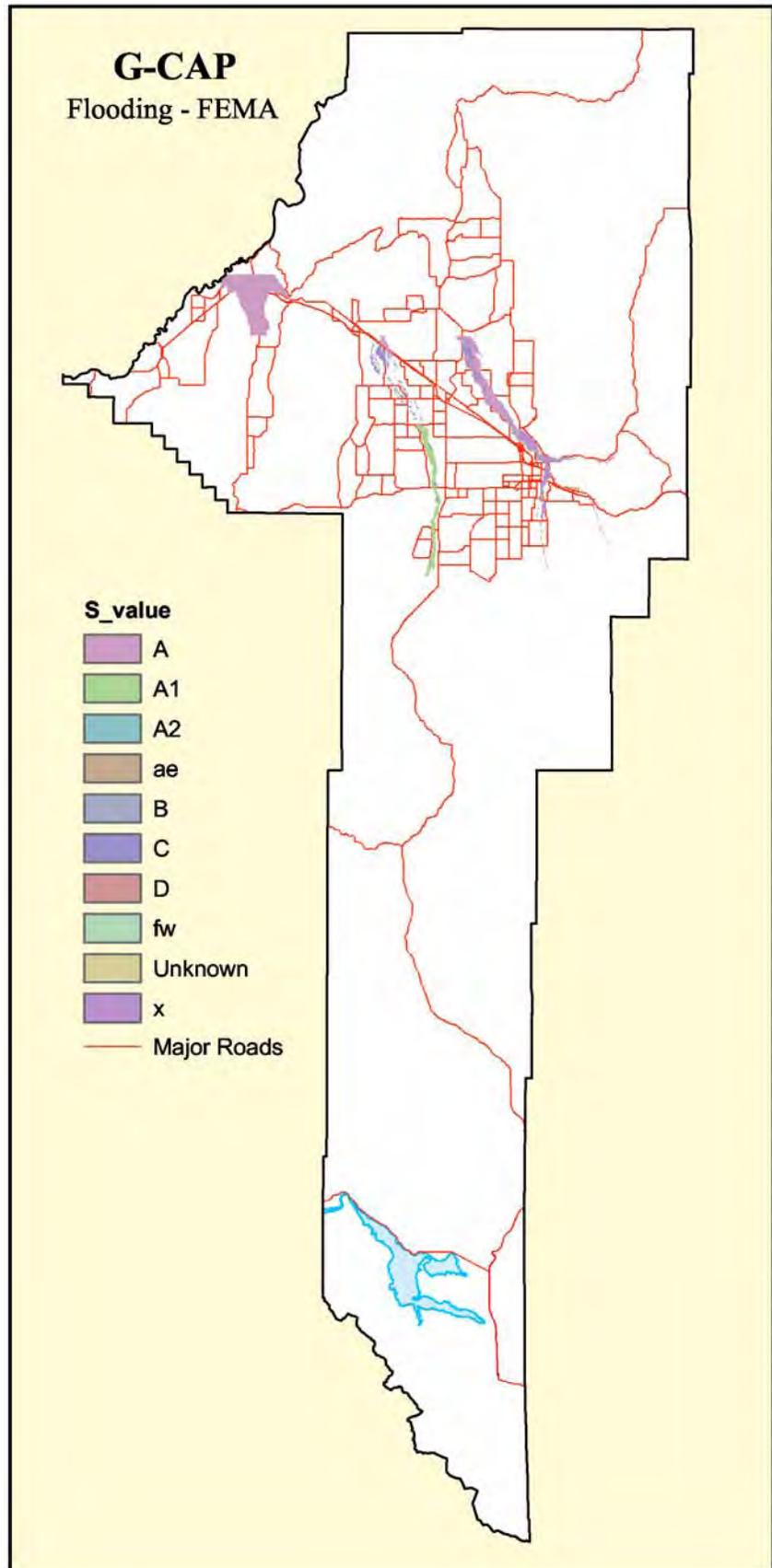
SOURCE: MSU;
FEMA

ATTRIBUTE USED:
Zone

ORIGINAL SCALE:
1:400

DATE: 1997

**COMPOSITE USED
IN:** Hydrology



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MAP: Floodplains

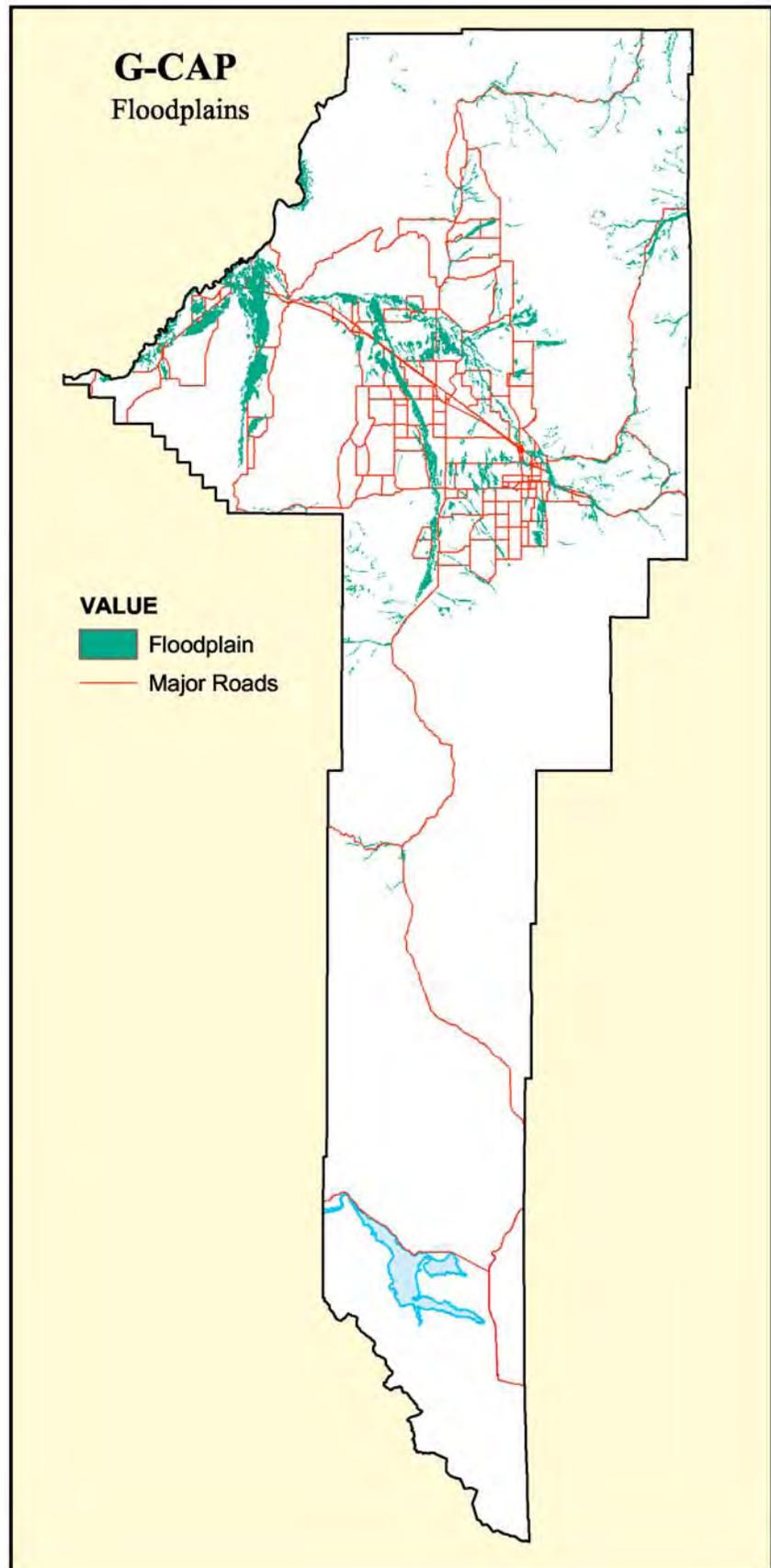
SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Landfmlo

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Hydrology



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MAP: Hydrology
Overlay

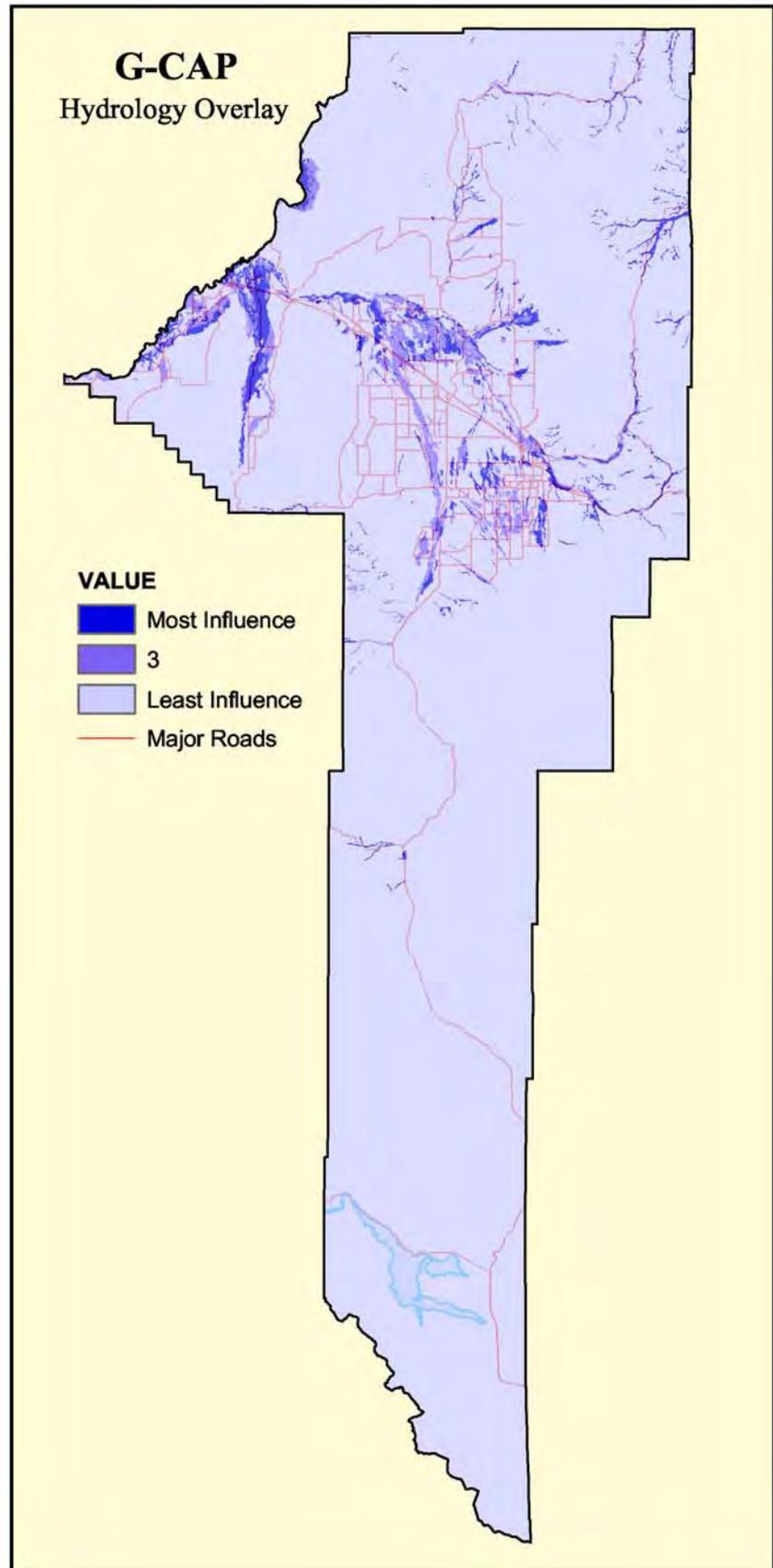
SOURCE: derived

ATTRIBUTE USED:
VALUE

ORIGINAL SCALE:
65m

DATE: 2000

**COMPOSITE USED
IN:** Conservation Areas



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MAP: Deciduous

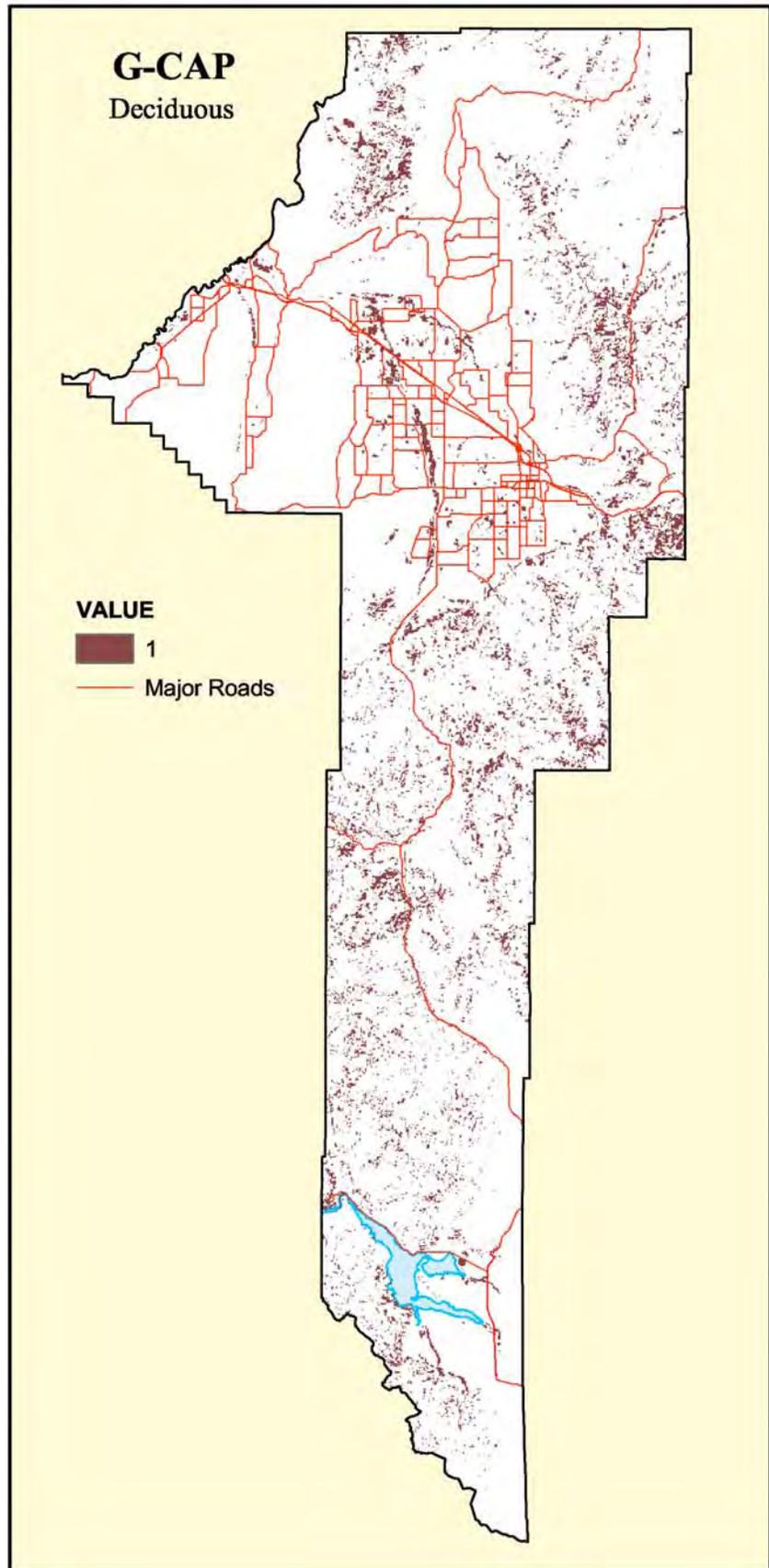
SOURCE: MSU;
Thematic Mapper-
Landsat

ATTRIBUTE USED:
VALUE

ORIGINAL SCALE:
30m

DATE: 1994

**COMPOSITE USED
IN:** Habitat



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MAP: Riparian

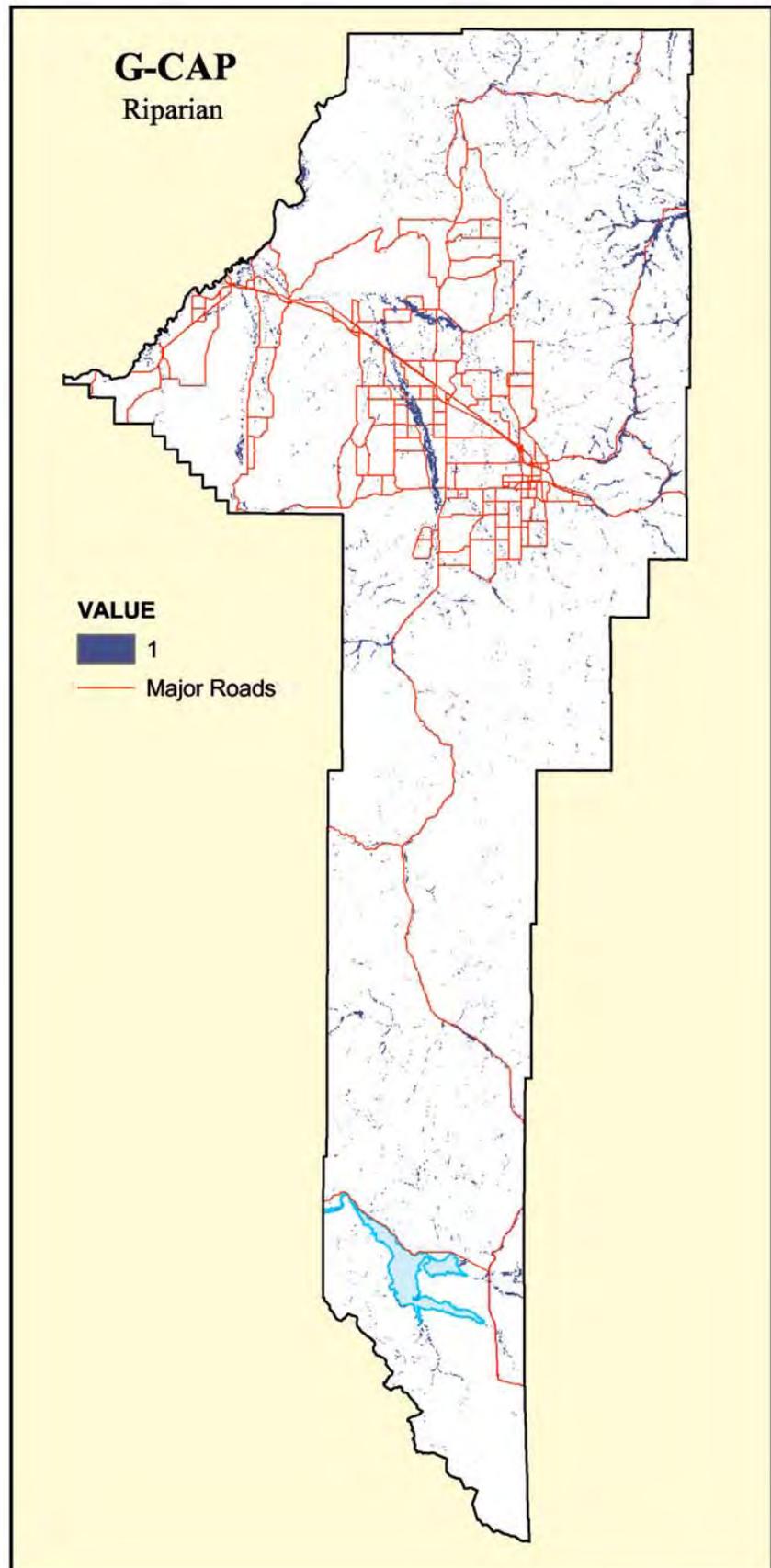
SOURCE: U of M
Landsat

ATTRIBUTE USED:
VALUE

ORIGINAL SCALE:
30m

DATE: 1996

**COMPOSITE USED
IN:** Habitat



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MAP: Winter Range

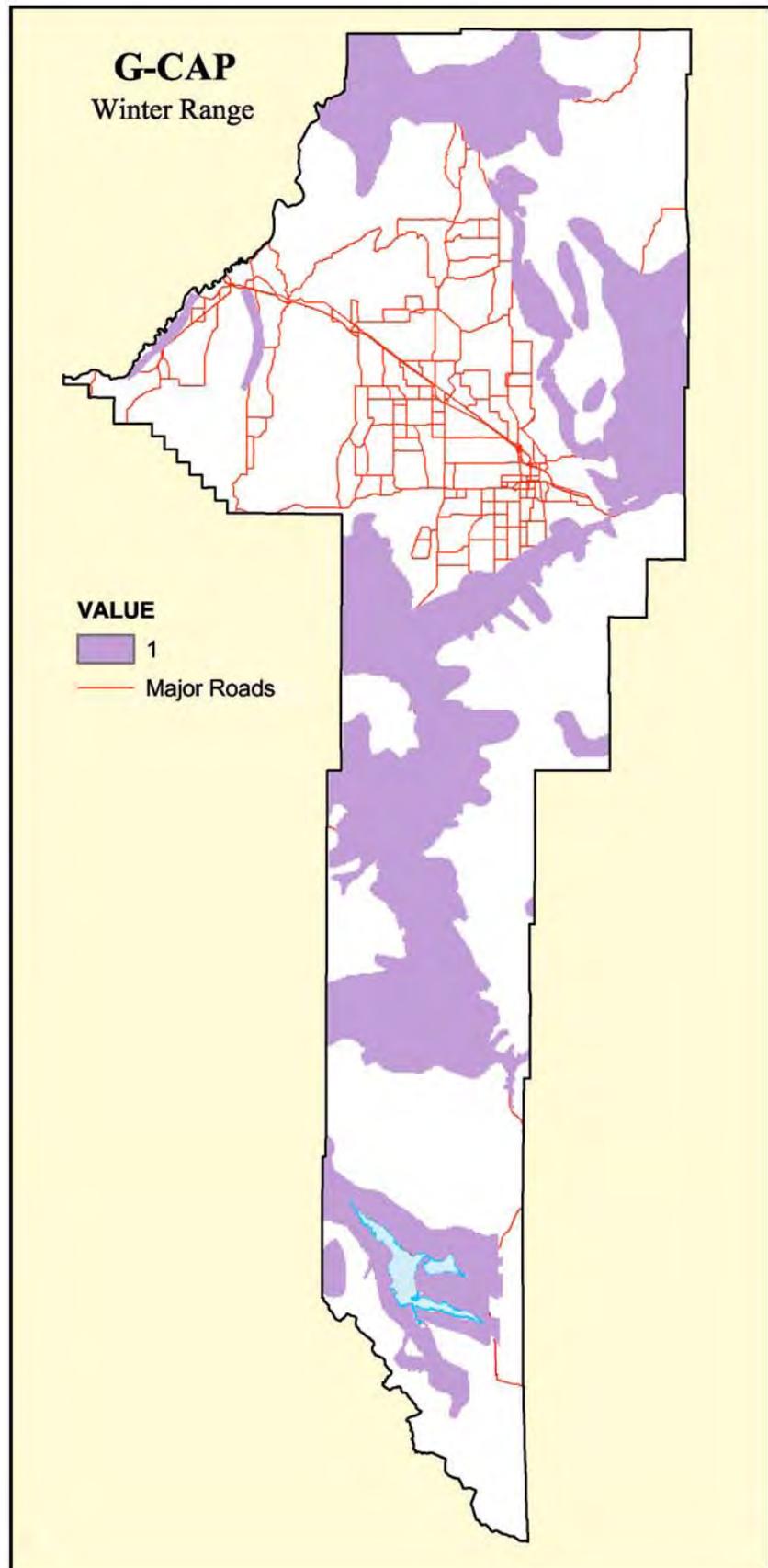
SOURCE: FWP; GAP

ATTRIBUTE USED:
VALUE

ORIGINAL SCALE:
30m, 200,

DATE: mixed

**COMPOSITE USED
IN:** Habitat



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MAP: Wildlife Habitat Overlay

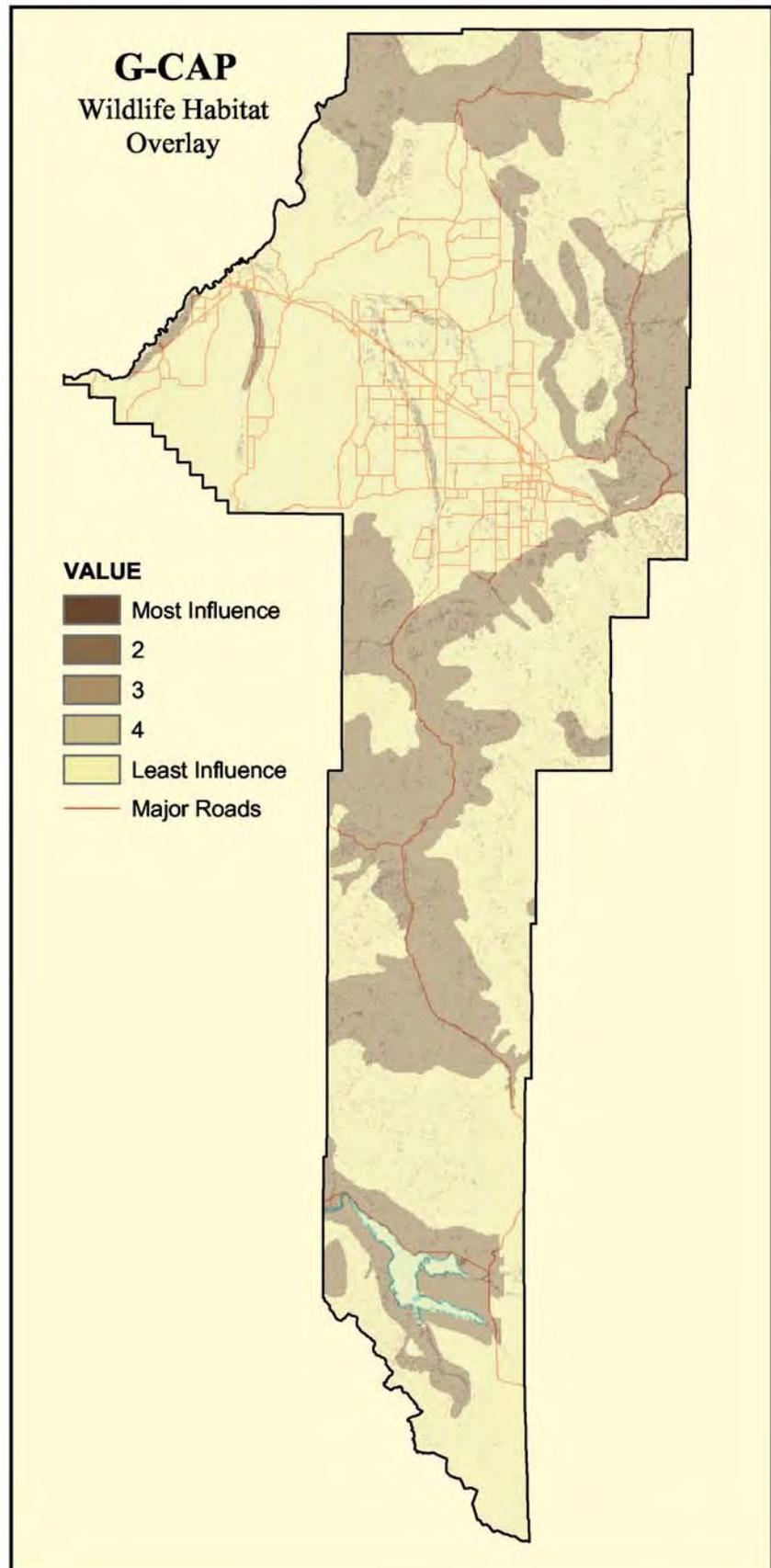
SOURCE: derived

ATTRIBUTE USED:
VALUE

ORIGINAL SCALE:
65m

DATE: 2000

**COMPOSITE USED
IN:** Conservation Areas



RESOURCE DOCUMENT 5: Growth-Conservation Areas Program Gallatin County Growth Policy “A Shared Vision for a New Century”

MAP: Conservation Areas

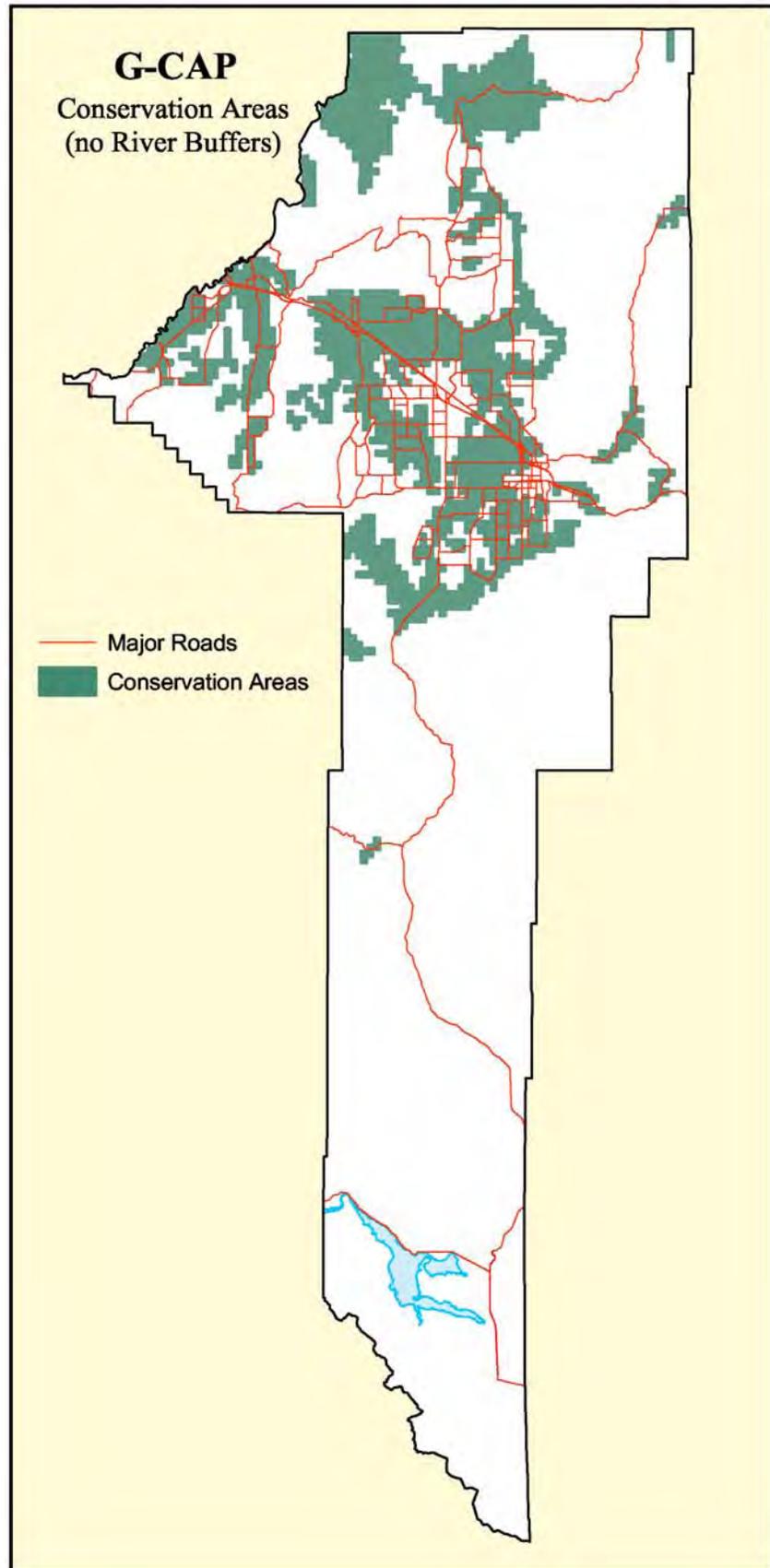
SOURCE: derived

ATTRIBUTE USED:

ORIGINAL SCALE:

DATE: 2001

COMPOSITE USED IN: Conservation Areas Normalized



**RESOURCE DOCUMENT 5: Growth-Conservation Areas Program
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MAP: River Buffers

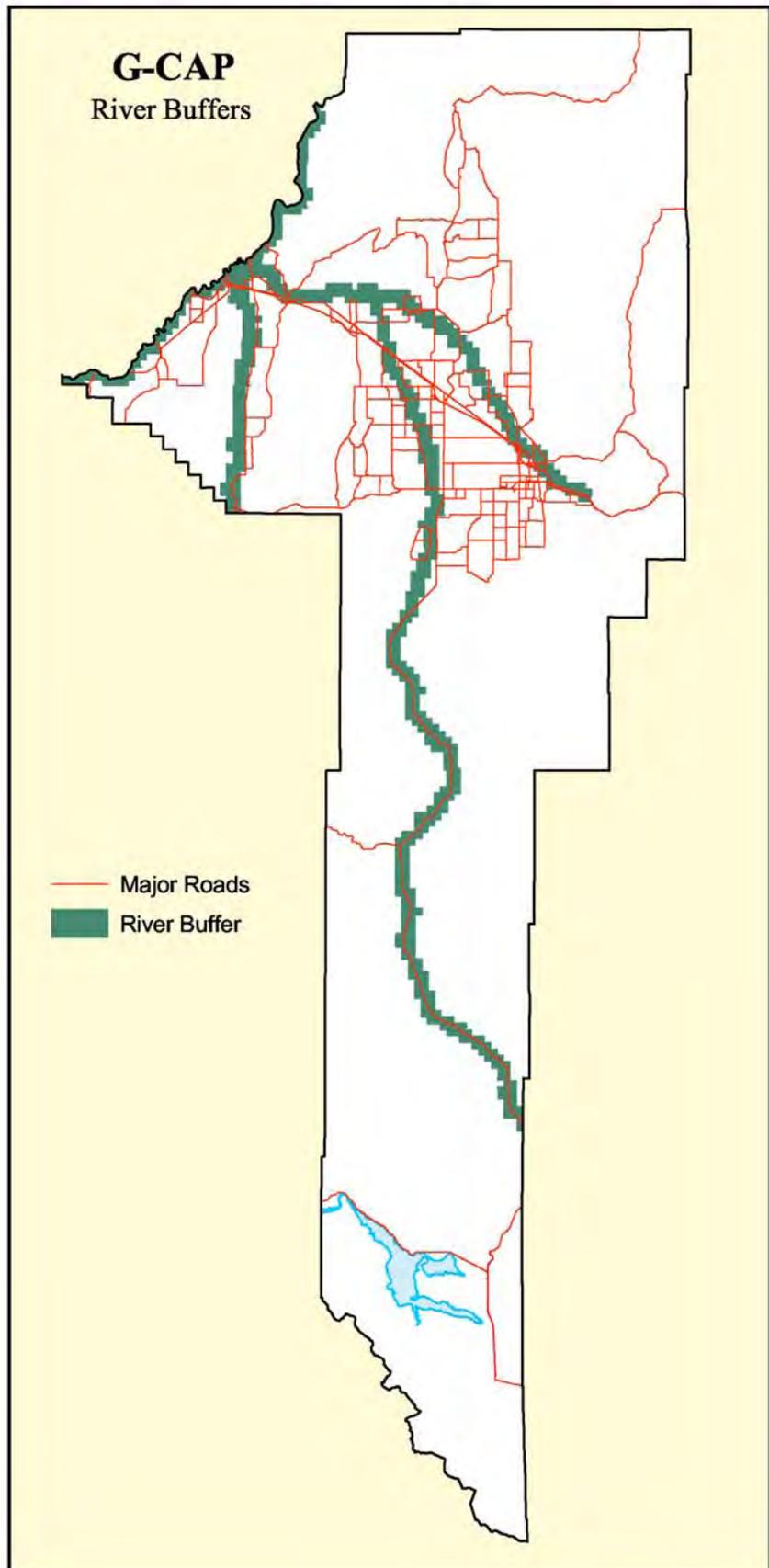
SOURCE:

ATTRIBUTE USED:

ORIGINAL SCALE:

DATE:

**COMPOSITE USED
IN:**

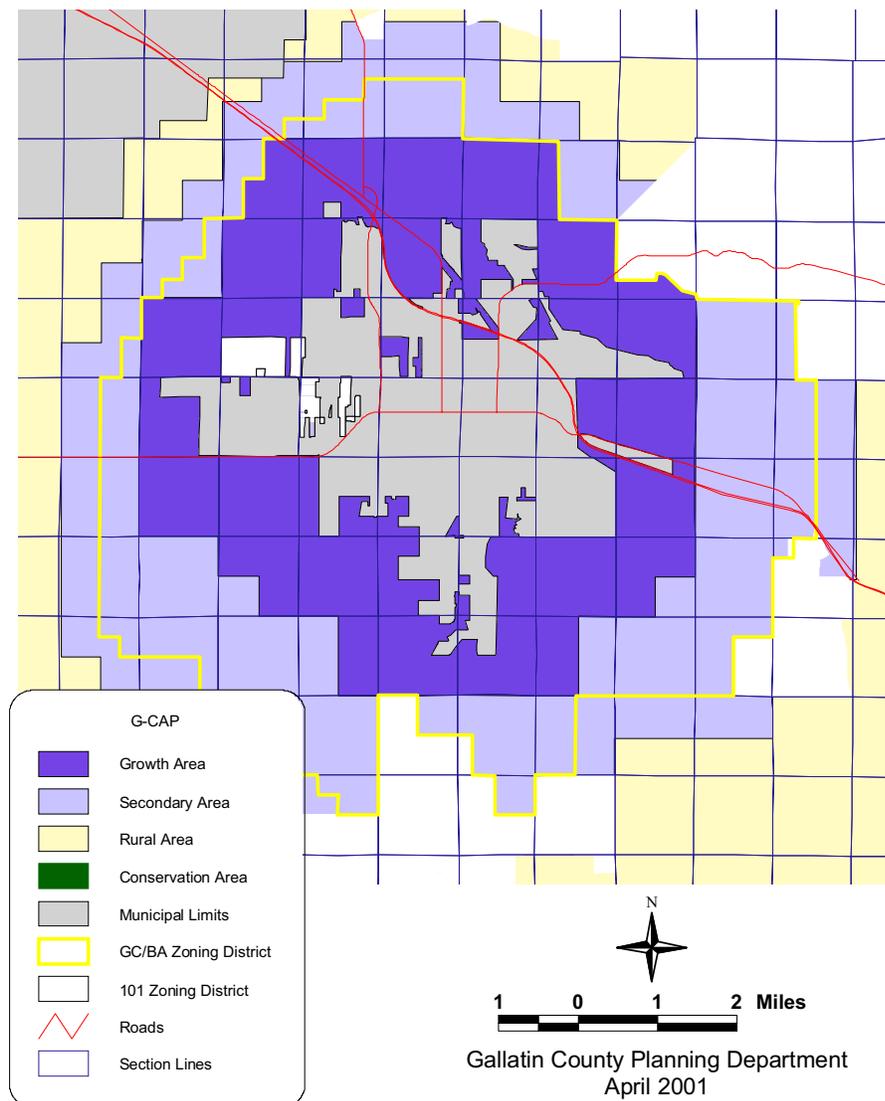


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5.2 GROWTH AREAS.

The Growth Area around the municipality of Bozeman is a one-mile buffer from the existing city limits and pending annexations (including the Bozeman School District #7 bus barn site and the Bozeman Deaconess Hospital lands) but the buffer may not extend outside of the Gallatin County/Bozeman Area Zoning District jurisdictional area.

Growth Area around Bozeman



While outside of the Gallatin County Planning Board’s jurisdiction, Growth Areas have been illustrated around the municipalities of Belgrade and Manhattan. These are one-mile buffers from the existing city limits with the buffer not extend outside of the extraterritorial zoning areas.

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5.3 SECONDARY GROWTH AREAS.

The Secondary Growth Area around the Bozeman Growth Area extends from the limits of the Growth Area to include an area created by a one and one-half-mile buffer beyond the Gallatin County/Bozeman Area Zoning District jurisdiction. A Rural Area buffer has been created one-mile beyond the limits of this Secondary Growth Area.

While outside of the Gallatin County Planning Board’s jurisdiction, a Secondary Growth Area has been illustrated around the municipality of Belgrade. This is one-mile buffer beyond the extraterritorial zoning area.

5.4 RURAL AREAS.

Rural Areas are everything remaining after the other area designations have been established. In addition, a Rural Area buffer has been created one-mile beyond the limits of the Bozeman Secondary Growth Area.

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