

## MAPS

# APPLEGATE SUBBASIN & WATERSHEDS

April 19, 1995



SCALE 1:400000



## LEGEND

 MIDDLE APPLEGATE  
WATERSHED

 WATERSHED  
BOUNDARIES

 APPLEGATE  
SUBBASIN  
BOUNDARY


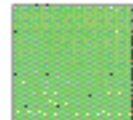







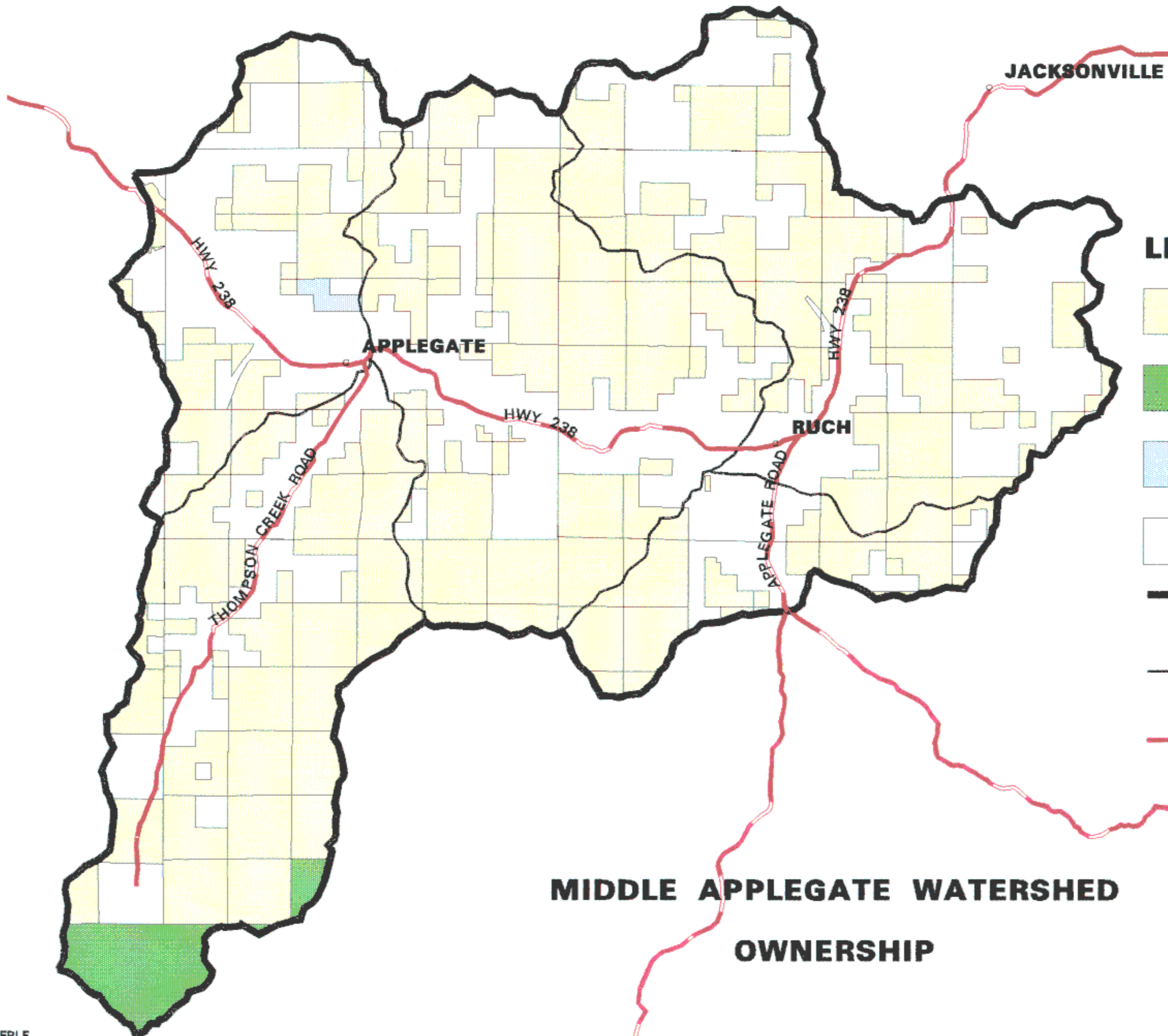
May 5, 1995



SCALE 1:150000

### LEGEND

-  **BLM OWNERSHIP**
-  **USFS OWNERSHIP**
-  **STATE OWNERSHIP**
-  **PRIVATE/OTHER**
-  **WATERSHED BOUNDARY**
-  **SUBWATERSHED BOUNDARIES**
-  **MAJOR ROADS**



## MIDDLE APPELEGATE WATERSHED OWNERSHIP

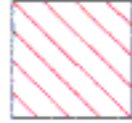
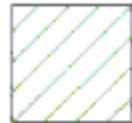


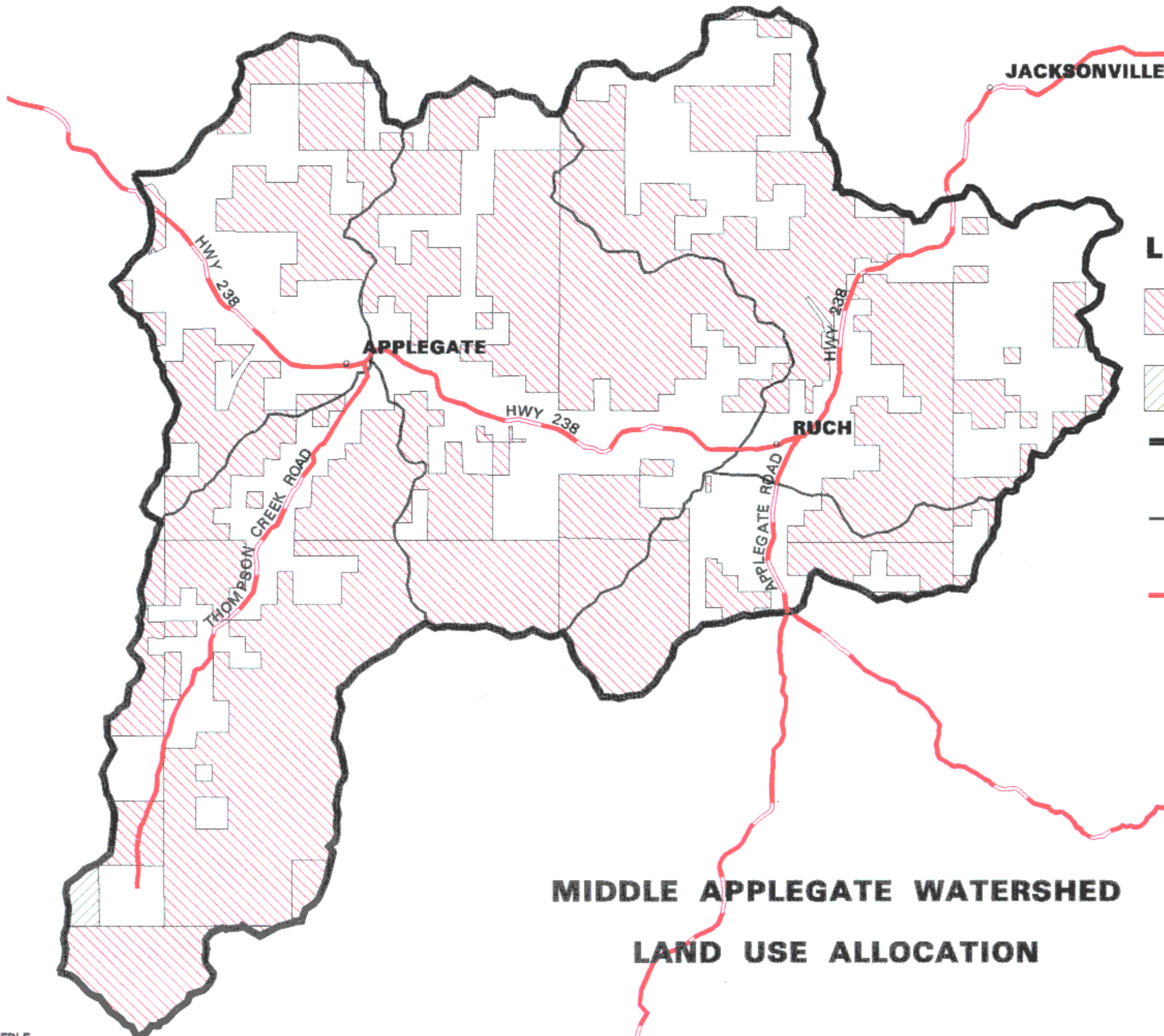
May 5, 1995



SCALE 1:150000

**LEGEND**

-  **ADAPTIVE MGMT AREA (49104 ac.)**
-  **LATE-SUCCESSIONAL RESERVE (265 ac.)**
-  **WATERSHED BOUNDARY**
-  **SUBWATERSHED BOUNDARIES**
-  **MAJOR ROADS**



**MIDDLE APPLLEGATE WATERSHED  
LAND USE ALLOCATION**








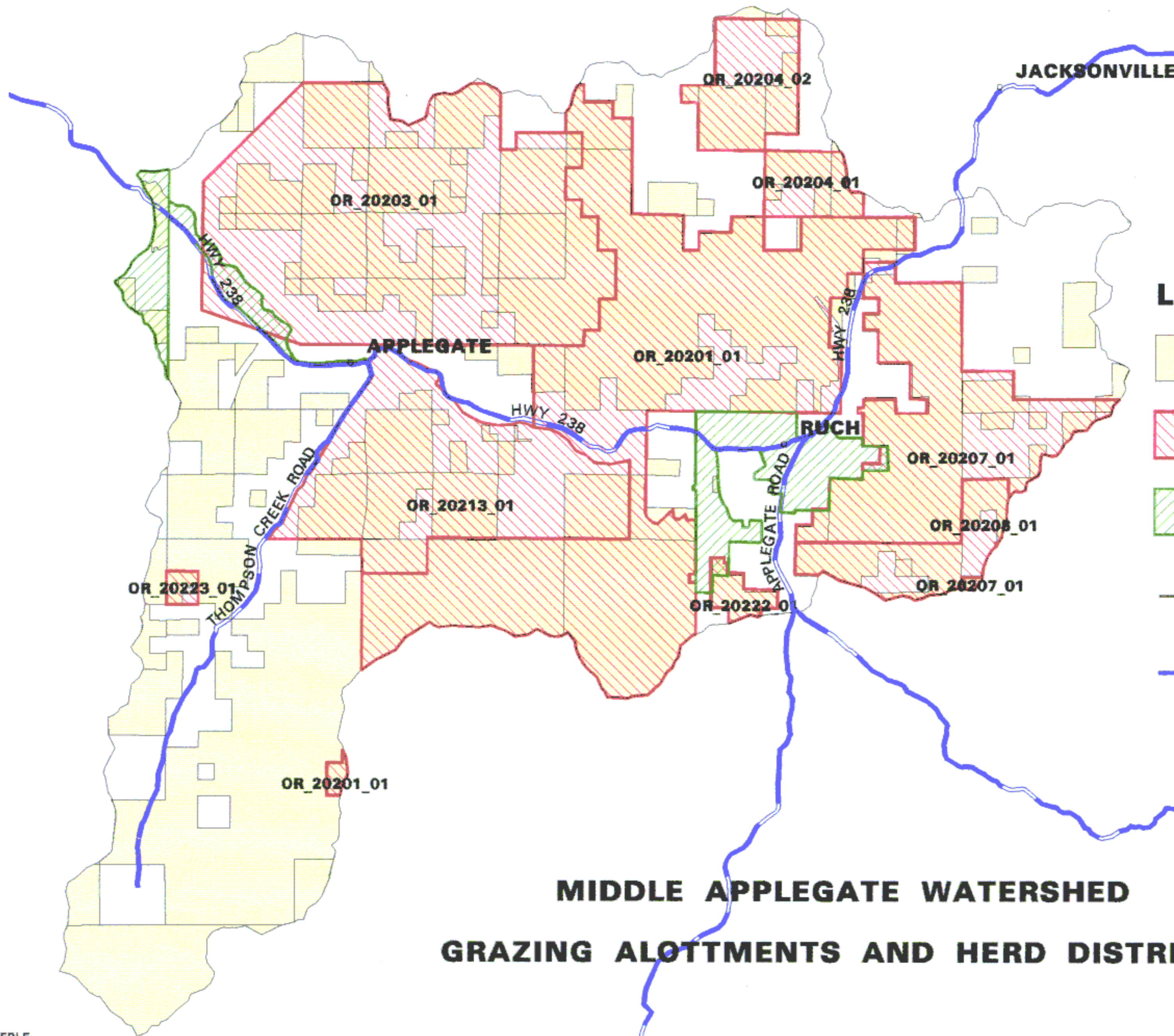
April 19, 1995



SCALE 1:150000

**LEGEND**

-  **GOVT. OWNERSHIP**
-  **GRAZING ALLOTMENTS**
-  **HERD DISTRICTS**
-  **WATERSHED BOUNDARY**
-  **MAJOR ROADS**



**MIDDLE APPELATE WATERSHED  
GRAZING ALLOTMENTS AND HERD DISTRICTS**







May 2, 1995



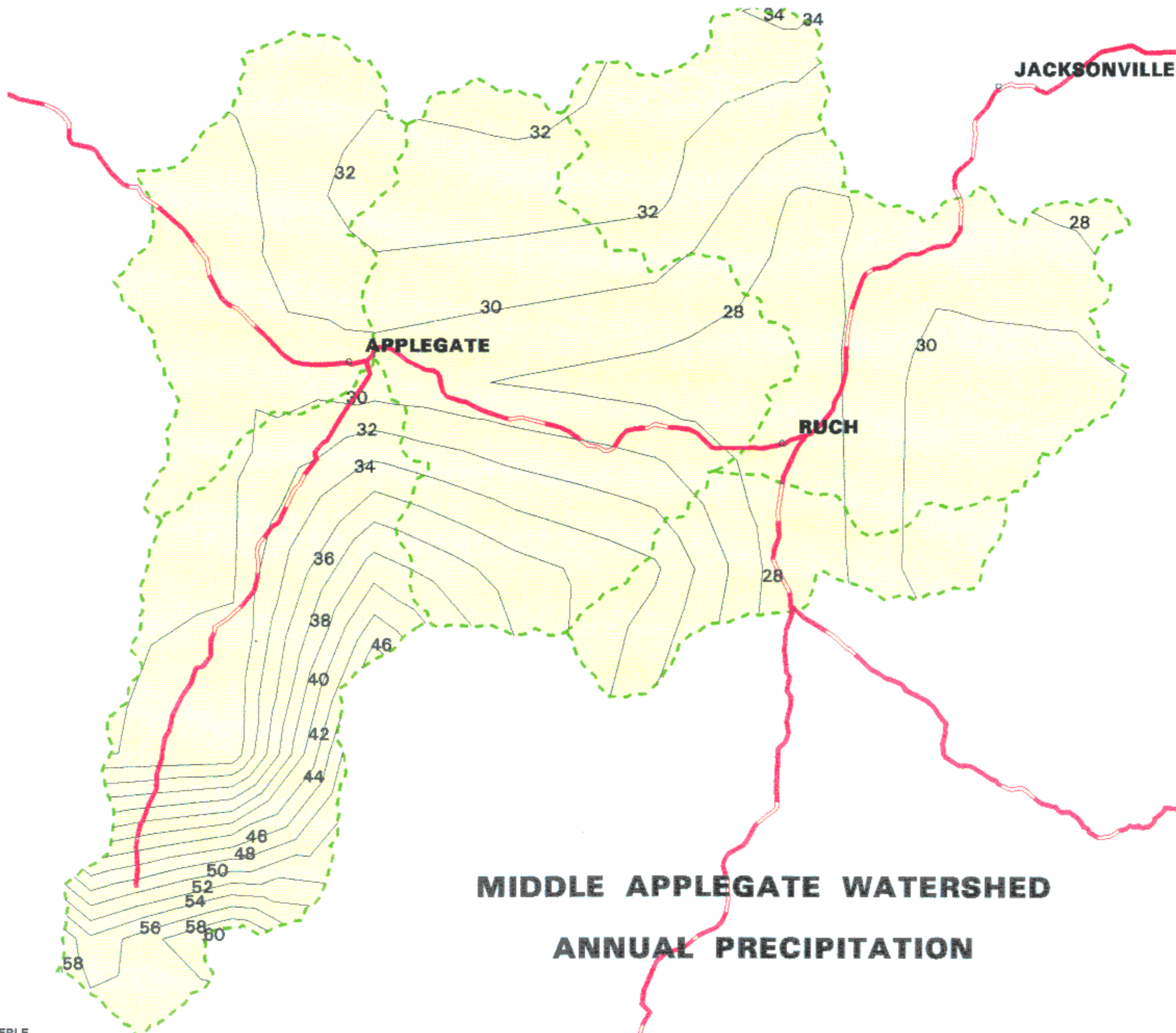
SCALE 1:150000

### LEGEND

-  **MIDDLE APPELEGATE WATERSHED**
-  **NORMAL ANNUAL PRECIPITATION (isohyetal lines from Oregon Climate Service, 1995)**
-  **SUBWATERSHED BOUNDARIES**
-  **MAJOR ROADS**



## MIDDLE APPELEGATE WATERSHED ANNUAL PRECIPITATION

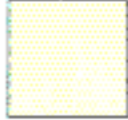




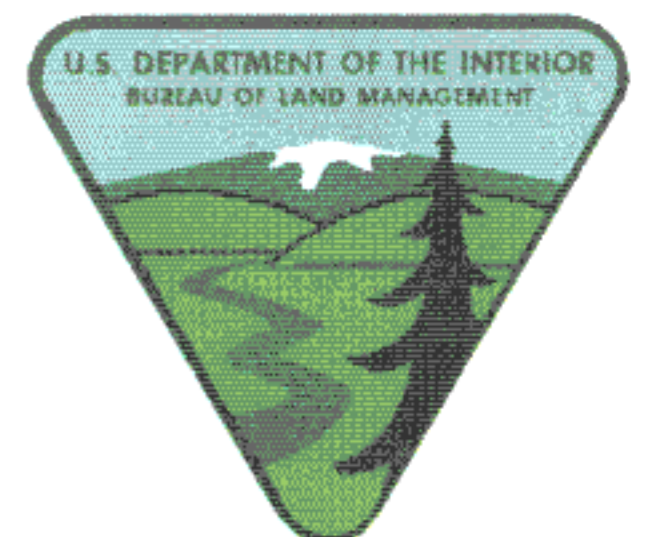
May 2, 1995



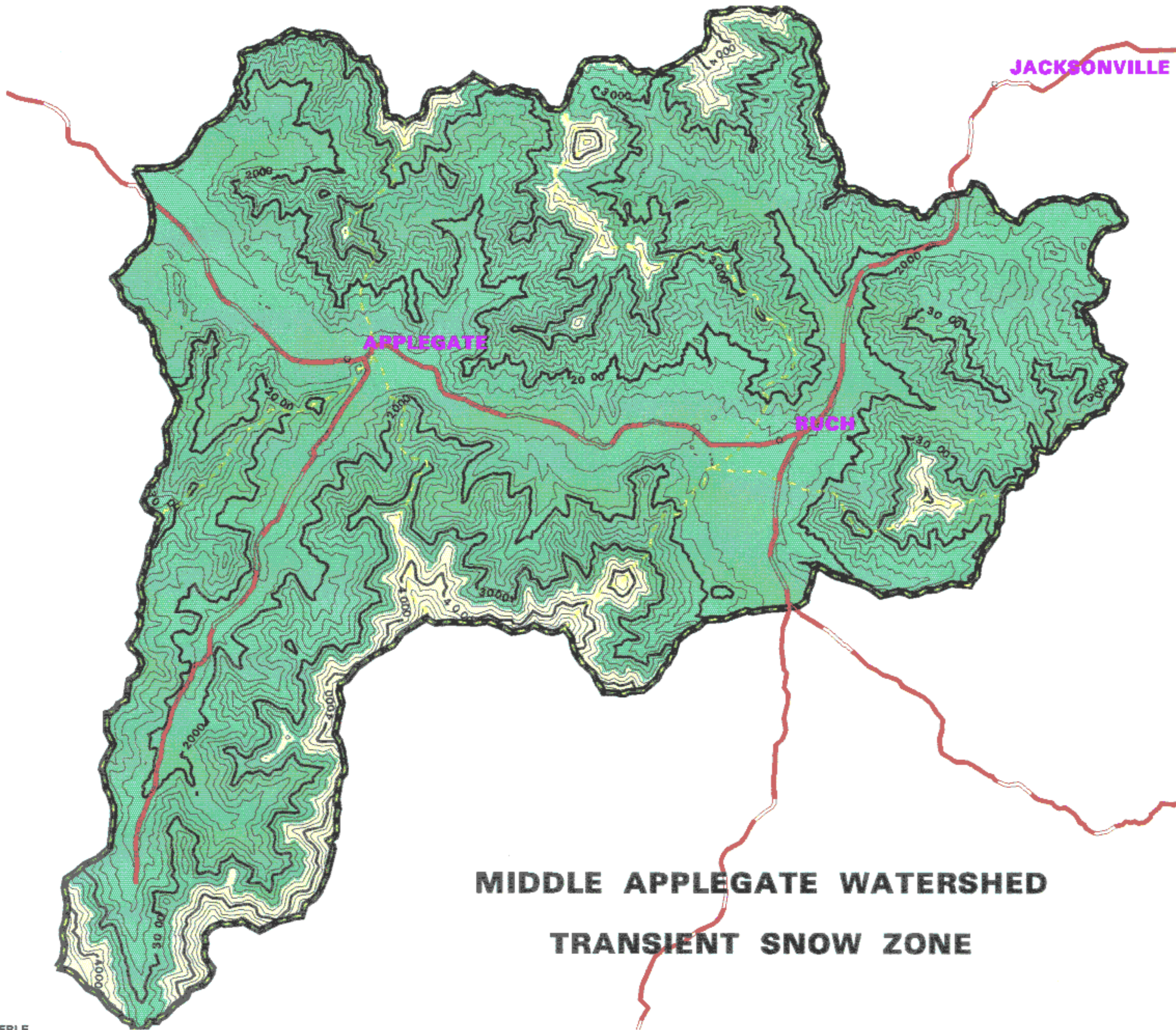
SCALE 1:150000

### LEGEND

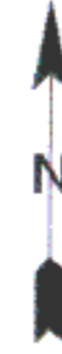
-  **TRANSIENT SNOW ZONE**
-  **ELEVATIONS BELOW 3500 FEET**
-  **SUBWATERSHED BOUNDARIES**
-  **200 FOOT CONTOUR INTERVAL**
-  **MAJOR ROADS**












## MIDDLE APPEGATE WATERSHED TRANSIENT SNOW ZONE

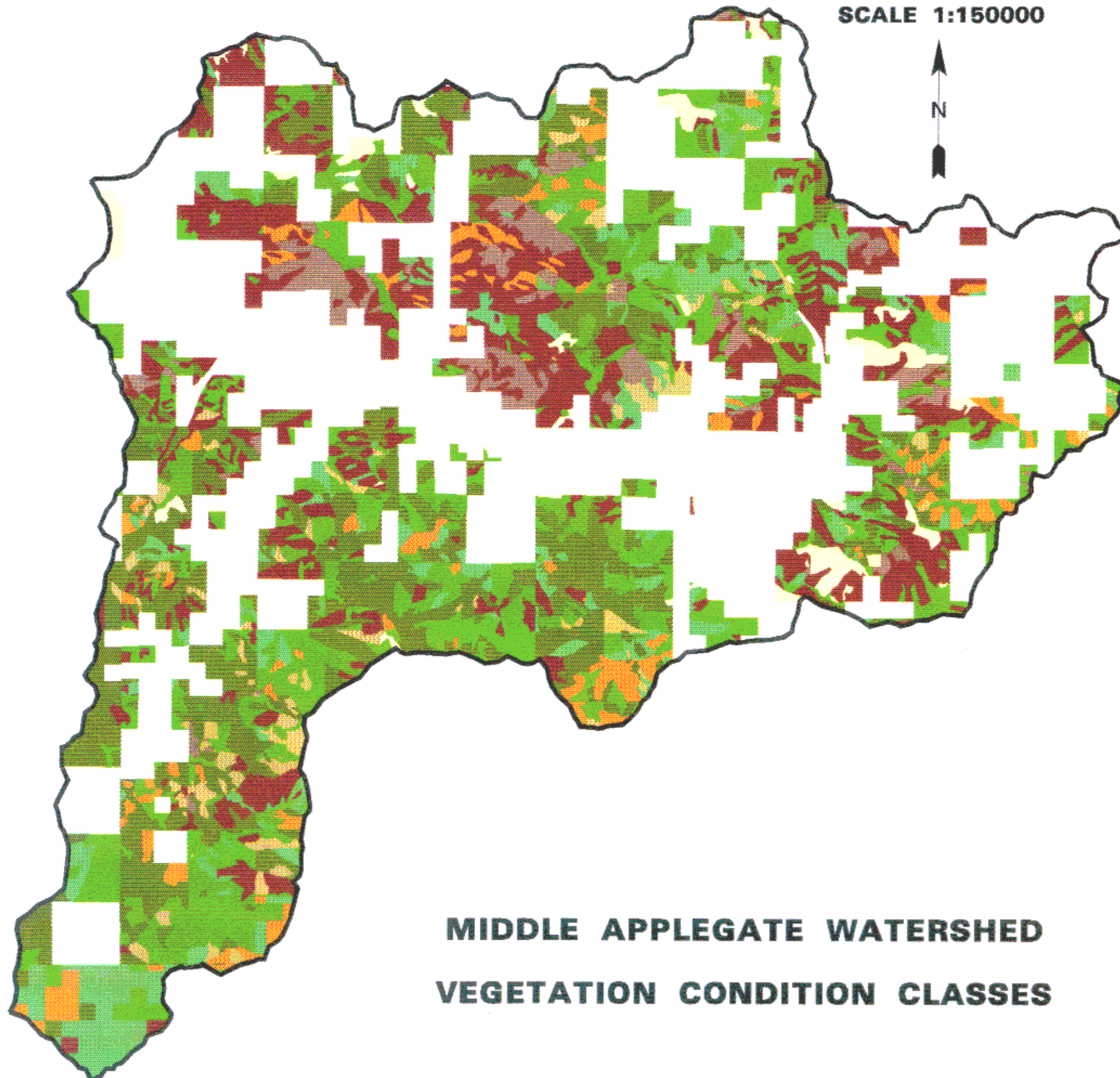


April 19, 1995  
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### LEGEND

-  GRASS
-  SHRUBS
-  HARDWOOD/WOODLAND
-  EARLY  
(0-5YRS.)
-  SEEDLINGS/SAPLINGS  
(0-4.9" dbh)
-  POLES  
(5-10.9" dbh)
-  MID  
(large poles 11-20.9" dbh)
-  MATURE/OLD GROWTH  
(=> 21" dbh)
-  WATERSHED  
BOUNDARY



## MIDDLE APPLGATE WATERSHED VEGETATION CONDITION CLASSES





April 19, 1995



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### LEGEND

-  HIGH RISK / HIGH HAZARD
-  HIGH RISK / MEDIUM HAZARD
-  MODERATE RISK / HIGH HAZARD
-  LOW RISK / HIGH HAZARD
-  MAJOR ROADS

CATEGORIES	ACRES
HIGH RISK AND HIGH HAZARD	41242
HIGH RISK AND MEDIUM HAZARD	14413
MODERATE RISK AND HIGH HAZARD	25402
LOW RISK AND HIGH HAZARD	2529
<b>TOTAL</b>	<b>83586</b>

## MIDDLE APLEGATE WATERSHED

### FIRE RISK & FIRE HAZARD



May 12, 1995

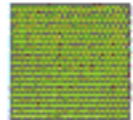
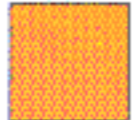

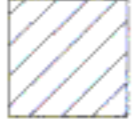



JACKSONVILLE

APPLEGATE

RUCH

### LEGEND

-  **SUITABLE HABITAT**
-  **POTENTIAL HABITAT**
-  **NON-SUITABLE HABITAT**
-  **USFW CRITICAL HABITAT**
-  **WATERSHED BOUNDARY**
-  **SUBWATERSHED BOUNDARIES**
-  **MAJOR ROADS**

## MIDDLE APPLGATE WATERSHED

## SPOTTED OWL HABITAT



April 19, 1995



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**LEGEND**

-  **MIDDLE APPLGATE WATERSHED**
-  **SUBWATERSHED BOUNDARIES**
-  **STREAMS**
-  **DITCHES & RESERVOIRS**








**MIDDLE APPLGATE SUBWATERSHEDS  
STREAMS, RESERVOIRS & DITCHES**

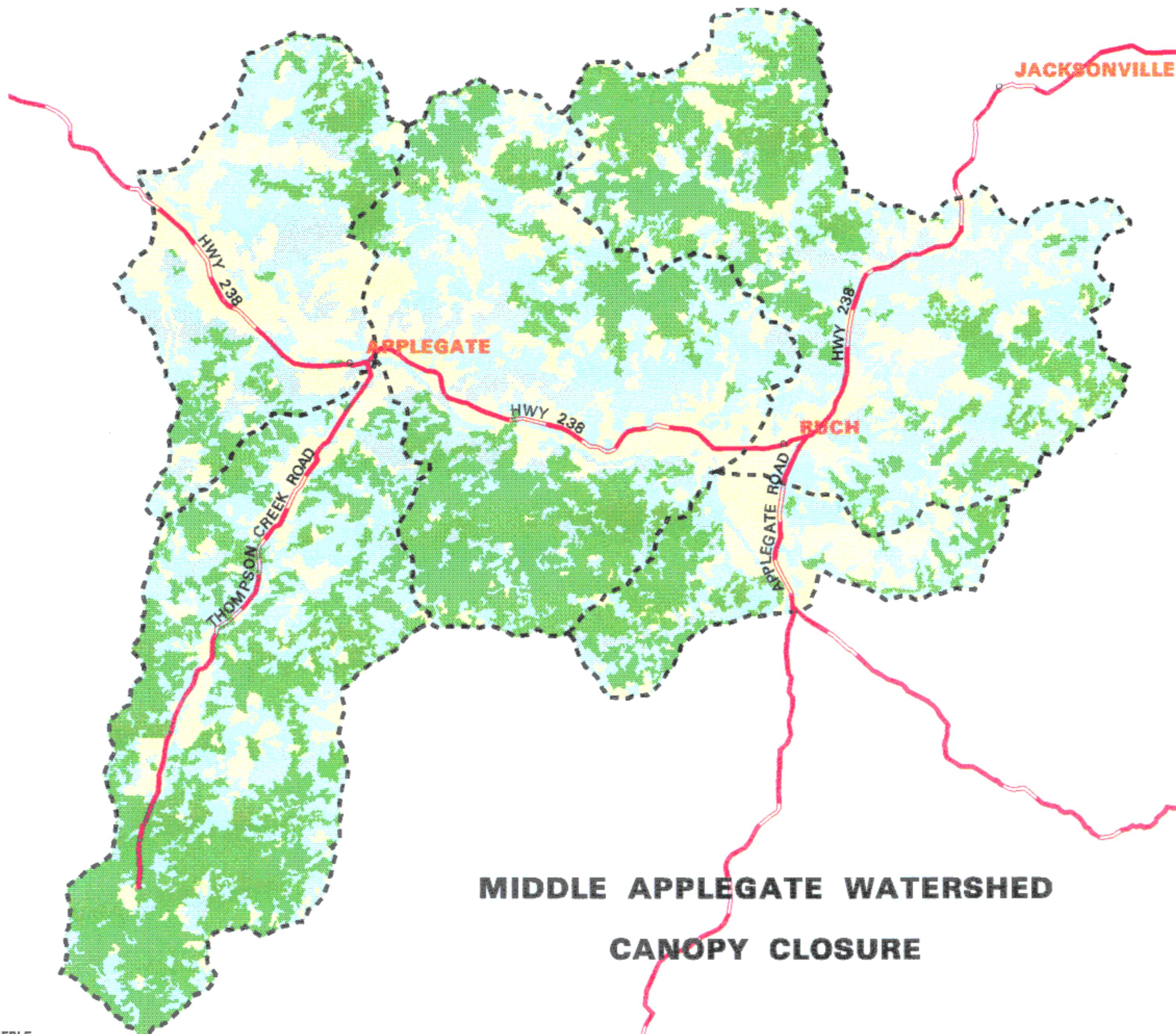
May 8, 1995



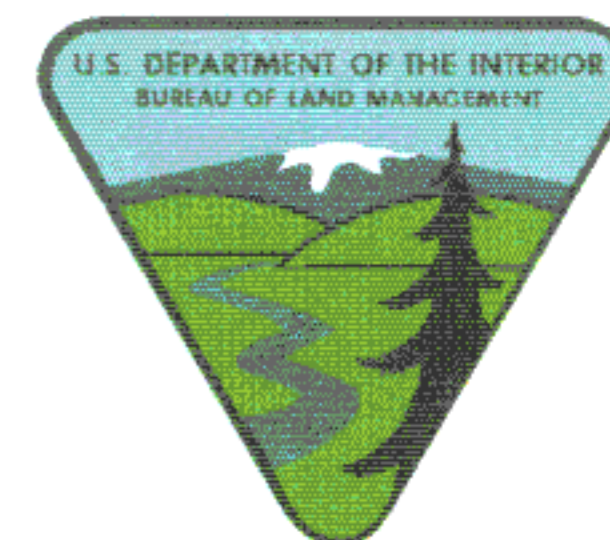
SCALE 1:150000

### LEGEND

-  0 - 39% CLOSURE
-  40 - 69% CLOSURE
-  > 70% CLOSURE
-  SUBWATERSHED BOUNDARIES
-  MAJOR ROADS



## MIDDLE APPLGATE WATERSHED CANOPY CLOSURE



May 5, 1995



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### LEGEND

 FEDERAL & STATE OWNERSHIP

#### BLM ROADS BY SURFACE TYPES

 BITUMINOUS

 GRAVEL

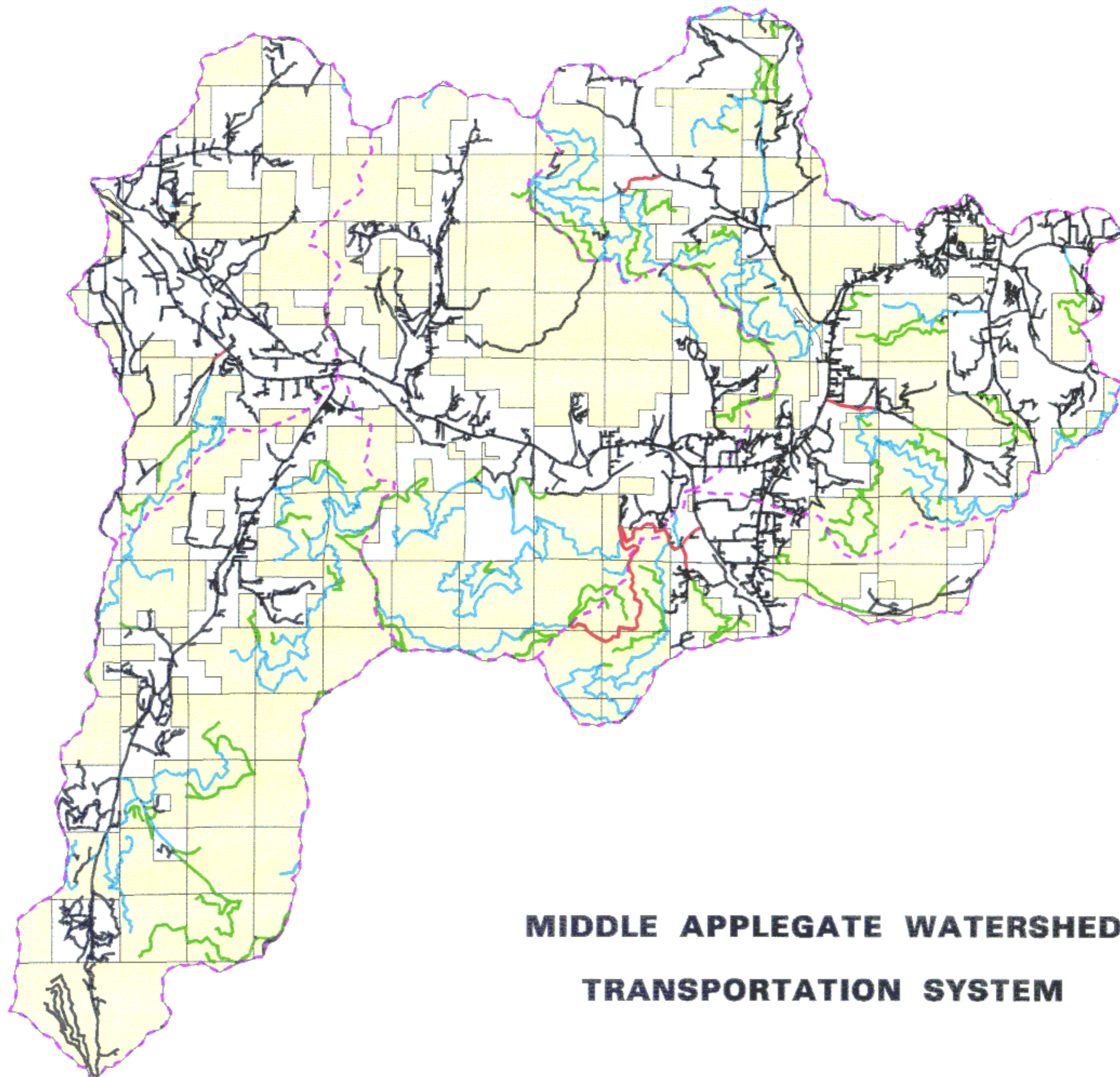
 NATURAL

#### OTHER ROADS

 UN-DETERMINED

#### BOUNDARIES

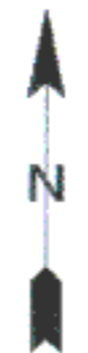
 SUBWATERSHED







## MIDDLE APPLGATE WATERSHED TRANSPORTATION SYSTEM



May 10, 1995  
SCALE 1:150000

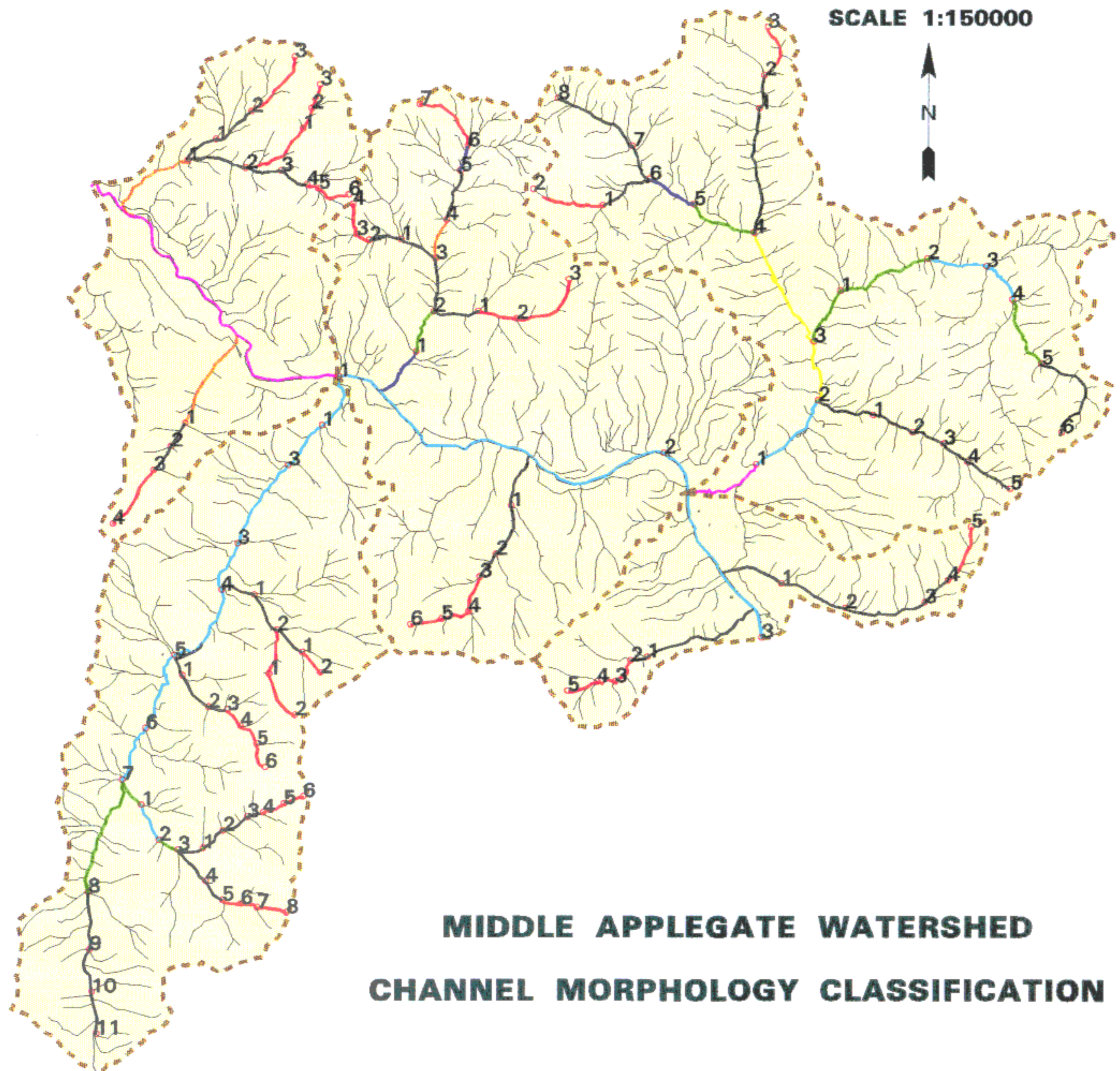


**LEGEND**

-  MIDDLE APPLGATE WATERSHED
-  SUBWATERSHED BOUNDARY
-  UNCLASSIFIED STREAM REACHES
-  Reach Break The number of the reach is at the end of the reach.

**CHANNEL TYPES (Rosgen, 1994)**

-  A
-  Aa+
-  B
-  Ba
-  Bc
-  C
-  D
-  G



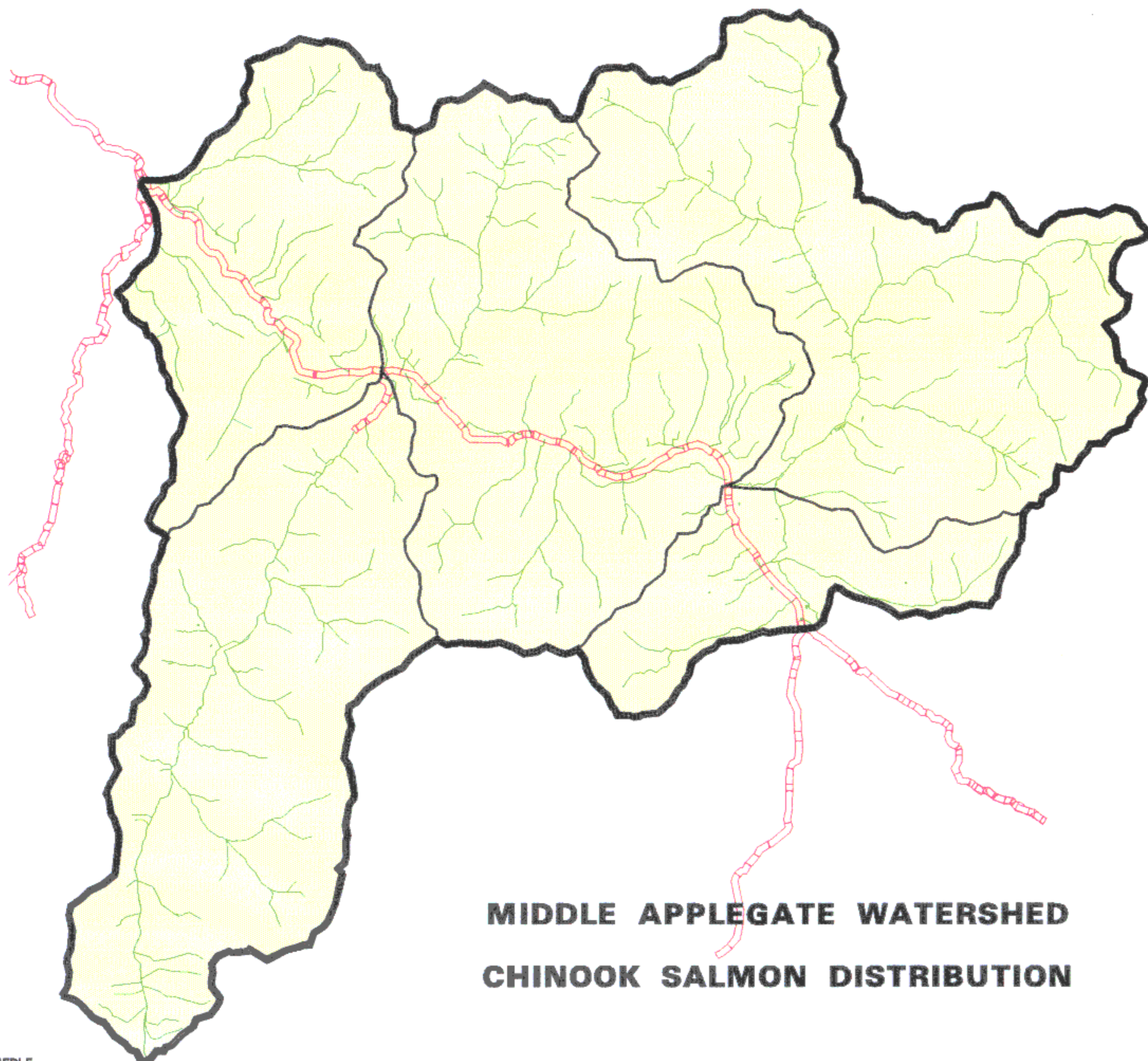
**MIDDLE APPLGATE WATERSHED  
CHANNEL MORPHOLOGY CLASSIFICATION**








May 5, 1995



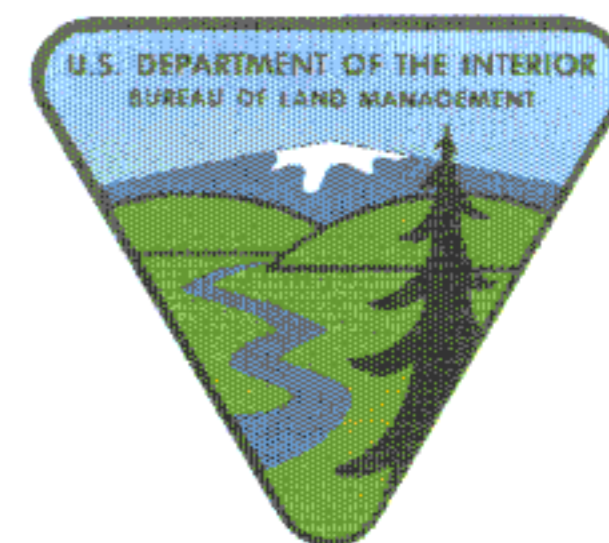
SACLE 1:150000



**LEGEND**

-  **MIDDLE APPLGATE WATERSHED**
-  **CHINOOK REACHES**
-  **OTHER STREAM CLASSIFICATIONS**
-  **WATERSHED BOUNDARY**
-  **SUBWATERSHED BOUNDARIES**

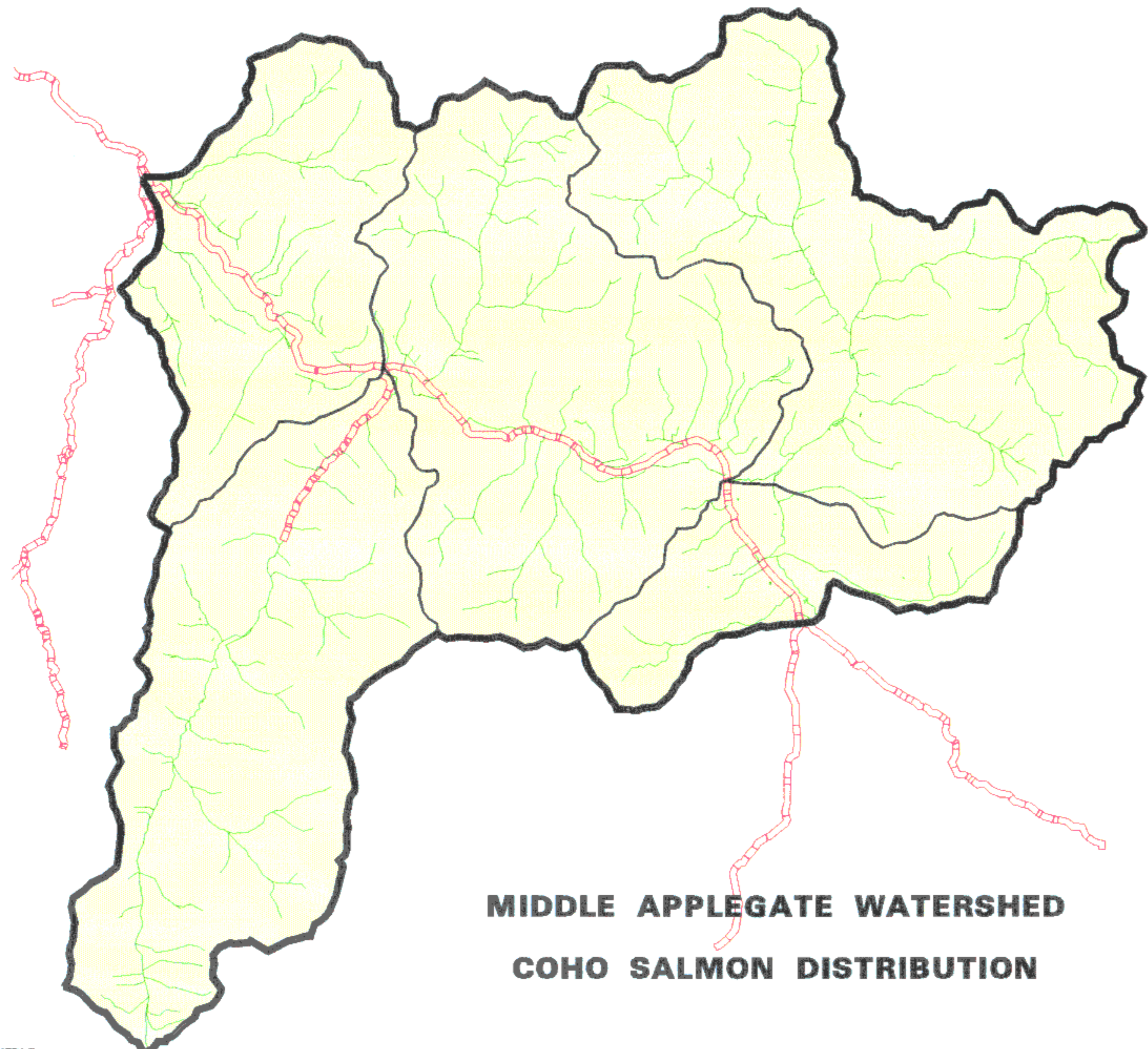
**MIDDLE APPLGATE WATERSHED  
CHINOOK SALMON DISTRIBUTION**



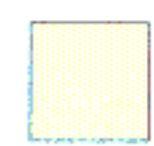




May 5, 1995



SCALE 1:150000



**LEGEND**

-  **MIDDLE APPLGATE WATERSHED**
-  **COHO REACHES**
-  **OTHER STREAM CLASSIFICATIONS**
-  **WATERSHED BOUNDARY**
-  **SUBWATERSHED BOUNDARIES**

**MIDDLE APPLGATE WATERSHED  
COHO SALMON DISTRIBUTION**










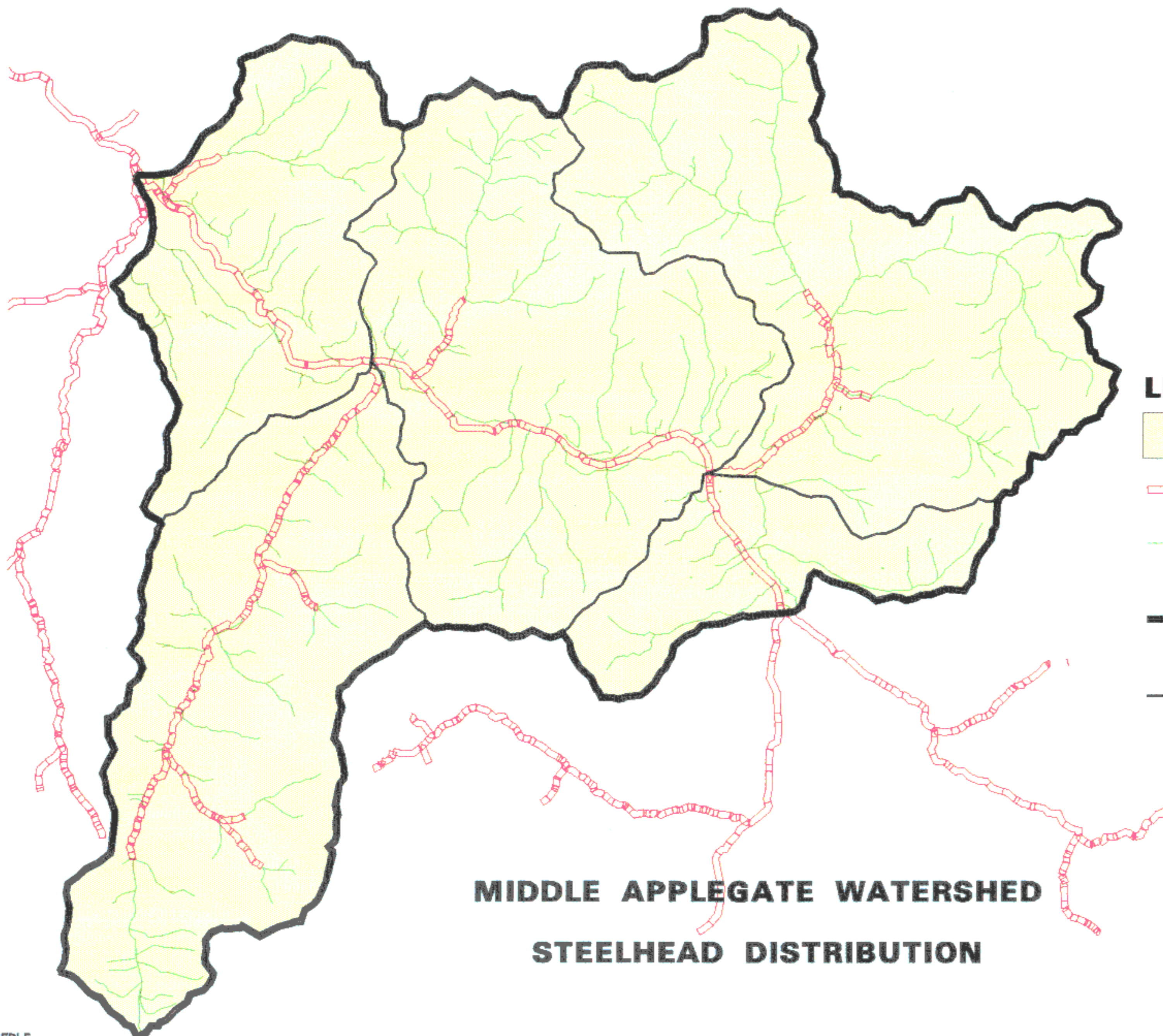
May 5, 1995



SCALE 1:150000

**LEGEND**

-  **MIDDLE APPLGATE WATERSHED**
-  **STEELHEAD REACHES**
-  **OTHER STREAM CLASSIFICATIONS**
-  **WATERSHED BOUNDARY**
-  **SUBWATERSHED BOUNDARIES**



**MIDDLE APPLGATE WATERSHED  
STEELHEAD DISTRIBUTION**








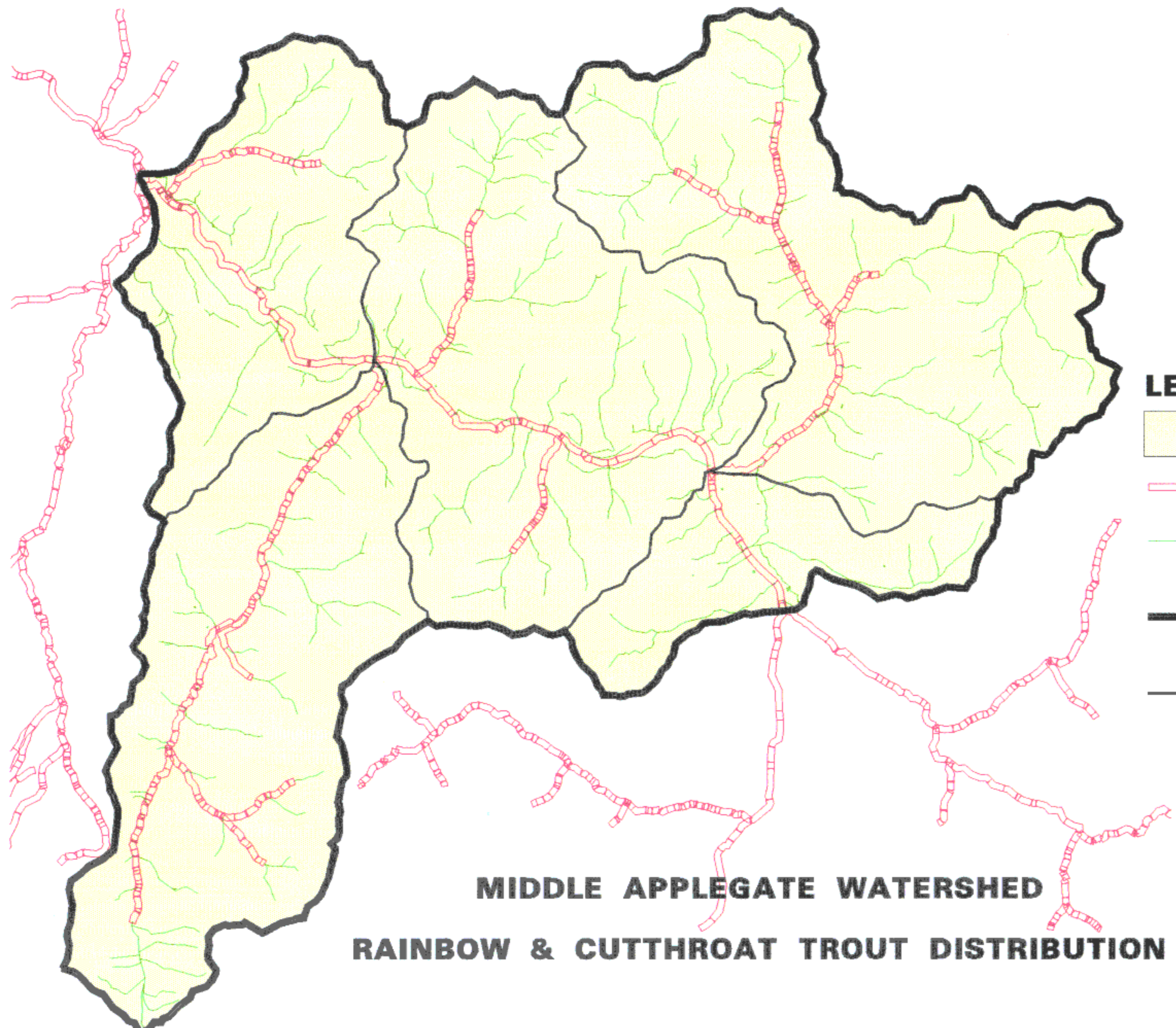
May 5, 1995



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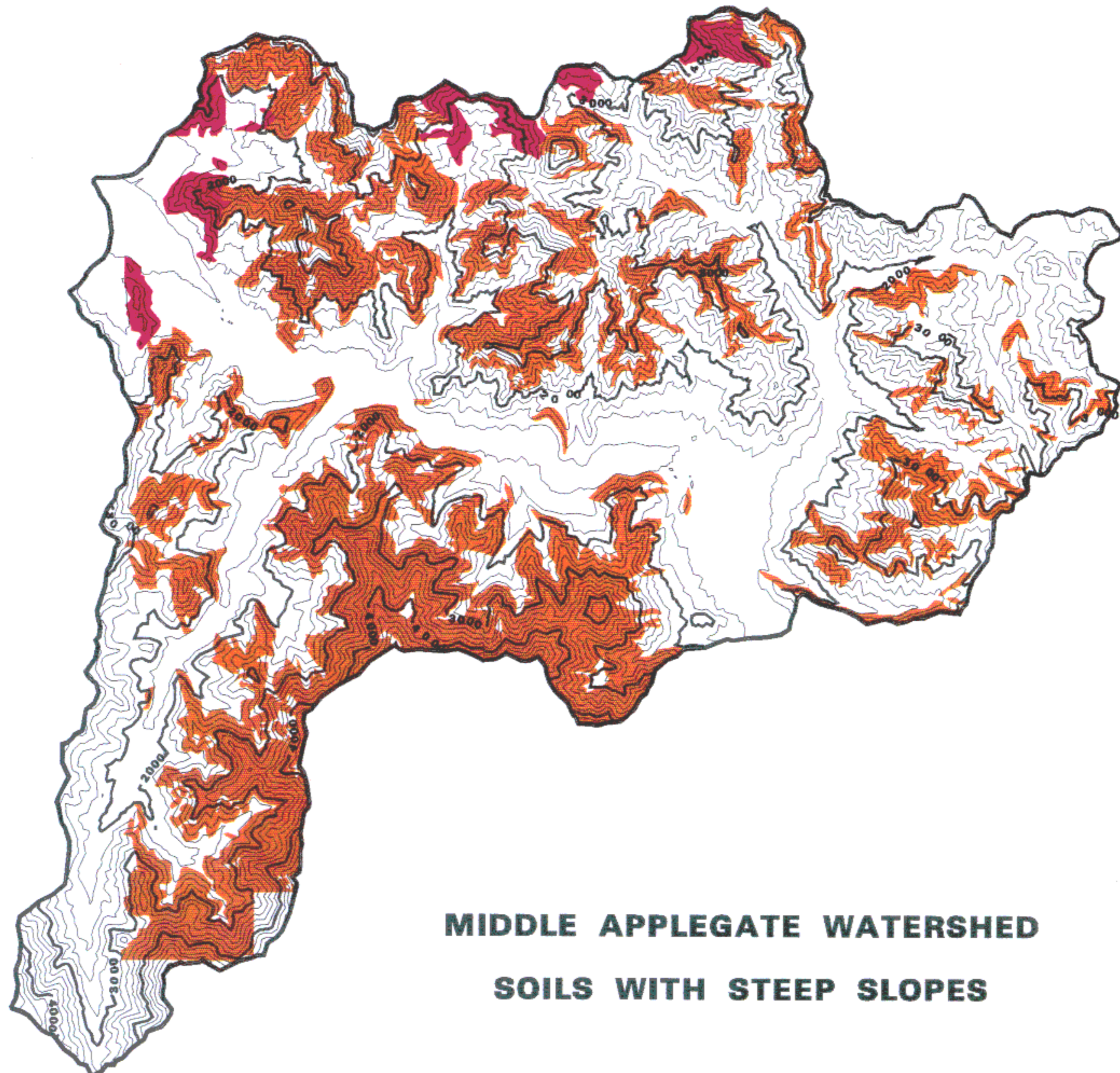
**LEGEND**

-  **MIDDLE APPLGATE WATERSHED**
-  **TROUT REACHES**
-  **OTHER STREAM CLASSIFICATIONS**
-  **WATERSHED BOUNDARY**
-  **SUBWATERSHED BOUNDARIES**

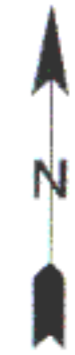


**MIDDLE APPLGATE WATERSHED  
RAINBOW & CUTTHROAT TROUT DISTRIBUTION**








May 25, 1995



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**LEGEND**

-  GRANITICS
-  METAMORPHICS
-  WATERSHED BOUNDARY
-  200 FOOT CONTOUR INTERVAL

note: Only Jackson County Soils Data Shown

**MIDDLE APPLGATE WATERSHED  
SOILS WITH STEEP SLOPES**



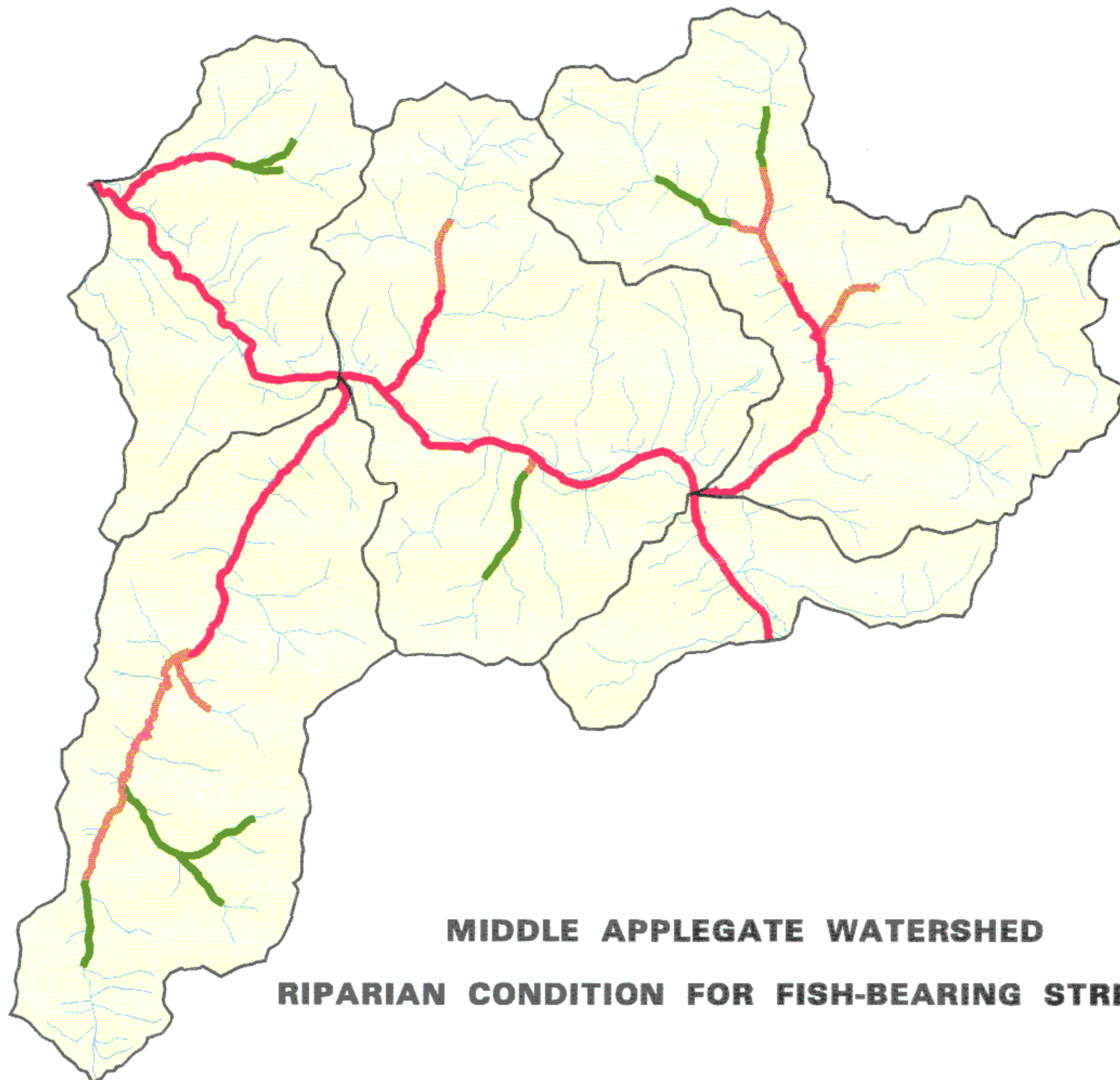
May 5, 1995



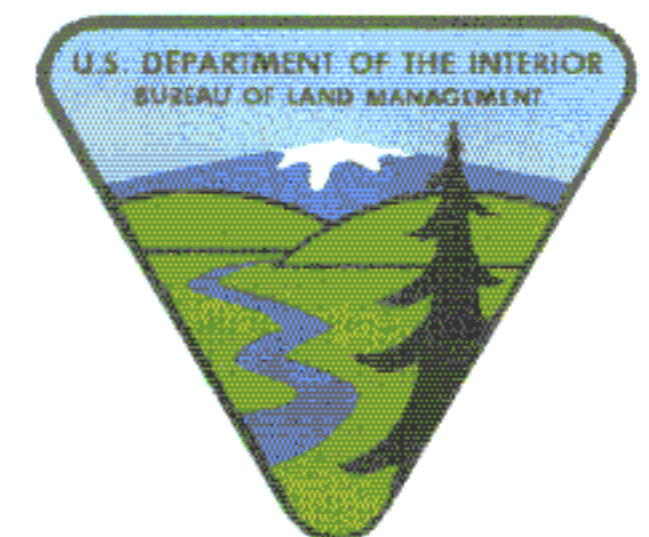
SCALE 1:150000

**LEGEND**

-  **MIDDLE APPLGATE WATERSHED**
-  **SUBWATERSHED BOUNDARIES**
-  **PROPER FUNCTIONING CONDITION**
-  **FUNCTIONAL AT RISK**
-  **NON-FUNCTIONAL**
-  **UNKNOWN STREAMS**
















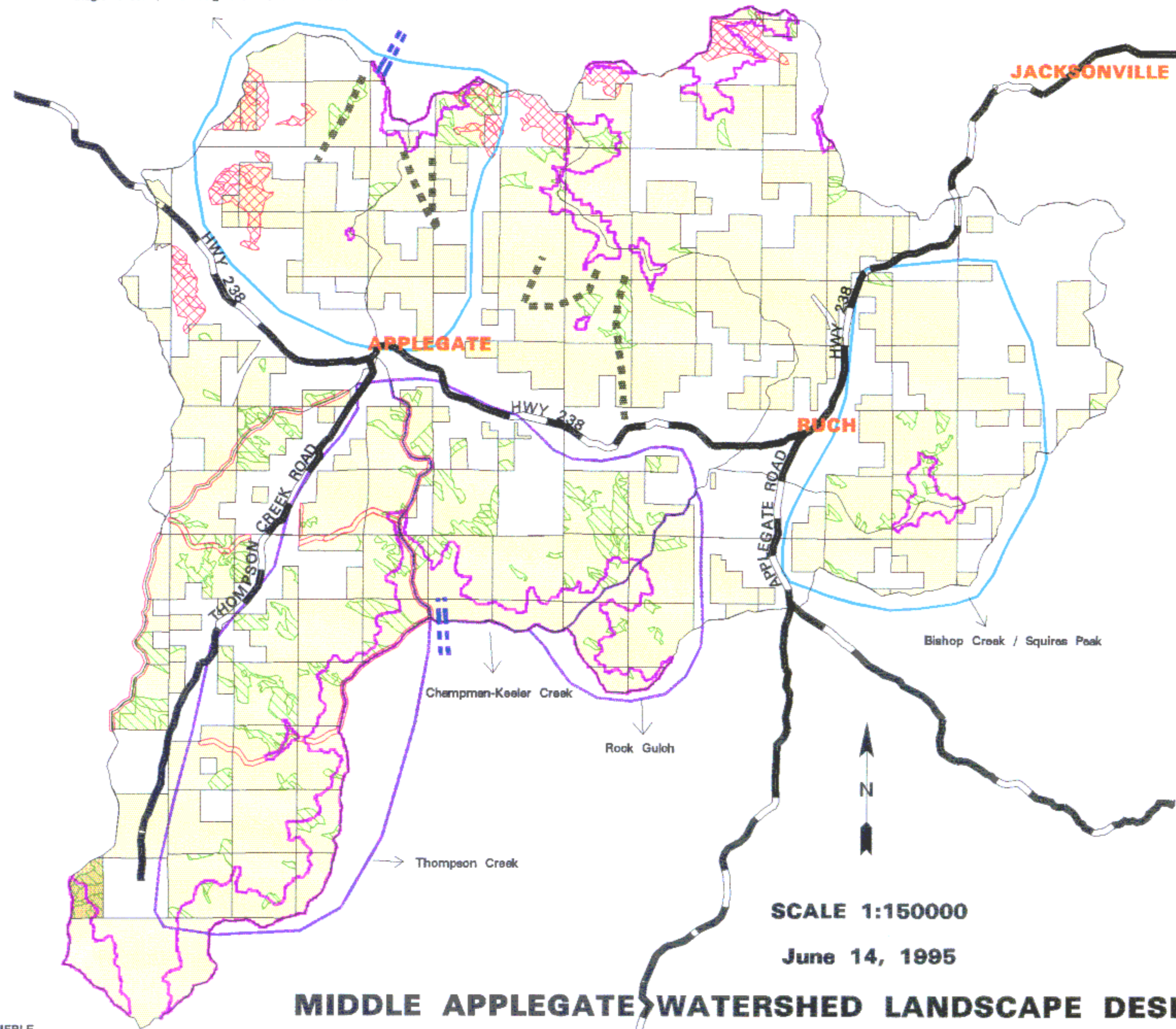
**MIDDLE APPLGATE WATERSHED  
RIPARIAN CONDITION FOR FISH-BEARING STREAMS**



Slagle Creek / Humbug Creek / Balls Creek

# LEGEND

-  FEDERAL OWNERSHIP
-  PRIVATE/OTHER
-  STEEP GRANITIC SOILS
-  LATE-SUCCESSIONAL RESERVE
-  FOREST STANDS WITH LATE-SUCCESSIONAL CHARACTERISTICS
-  LATE-SUCCESSIONAL AREAS NEEDING TO BE LINKED TOGETHER
-  AREAS NEEDING MORE LATE-SUCCESSIONAL STANDS
-  WILDLIFE CORRIDOR
-  WILDLIFE CORRIDOR BETWEEN WATERSHEDS
-  TRANSIENT SNOW ZONE LINE
-  SHADED FUEL BREAK
-  SUBWATERSHED BOUNDARIES
-  MAJOR ROADS



SCALE 1:150000

June 14, 1995

## MIDDLE APPLLEGATE WATERSHED LANDSCAPE DESIGN

