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COPY 2

SUITABILITY OF BASINS TO WEATHER
MODIFICATION AND STATISTICAL
EVALUATION OF ATTAINMENT

Final Report for FY 1966 and 1967

Prepared for:
Bureau of Reclamation
Office of Atmospheric Water Resources
Denver, Colorado

PROJECT SKYWATER

Under Contract No. 14-06-D-6007

by Dr. H. J. Morel-Seytoux
Associate Professor of Civil Engineering

July 1, 1968

HYDROLOGY PROGRAM
COLORADO STATE UNIVERSITY
Fort Collins, Colorado

CER 68-69 HJM 5/2

Part 2

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Part 2



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INTRODUCTION

For convenience the Final Report to the Bureau of Reclamation was divided into four parts. The first part is a summary of the work done and contains the conclusions of the research. This part, the second part, is essentially a pocket holder for large size working maps of the streamgage network in the Upper Colorado River Basin and for large size figures describing various hydrologic characteristics of interest for the same region.

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- 5 of 5 U.S. Geological Survey streamgage network for the Upper Colorado River Basin

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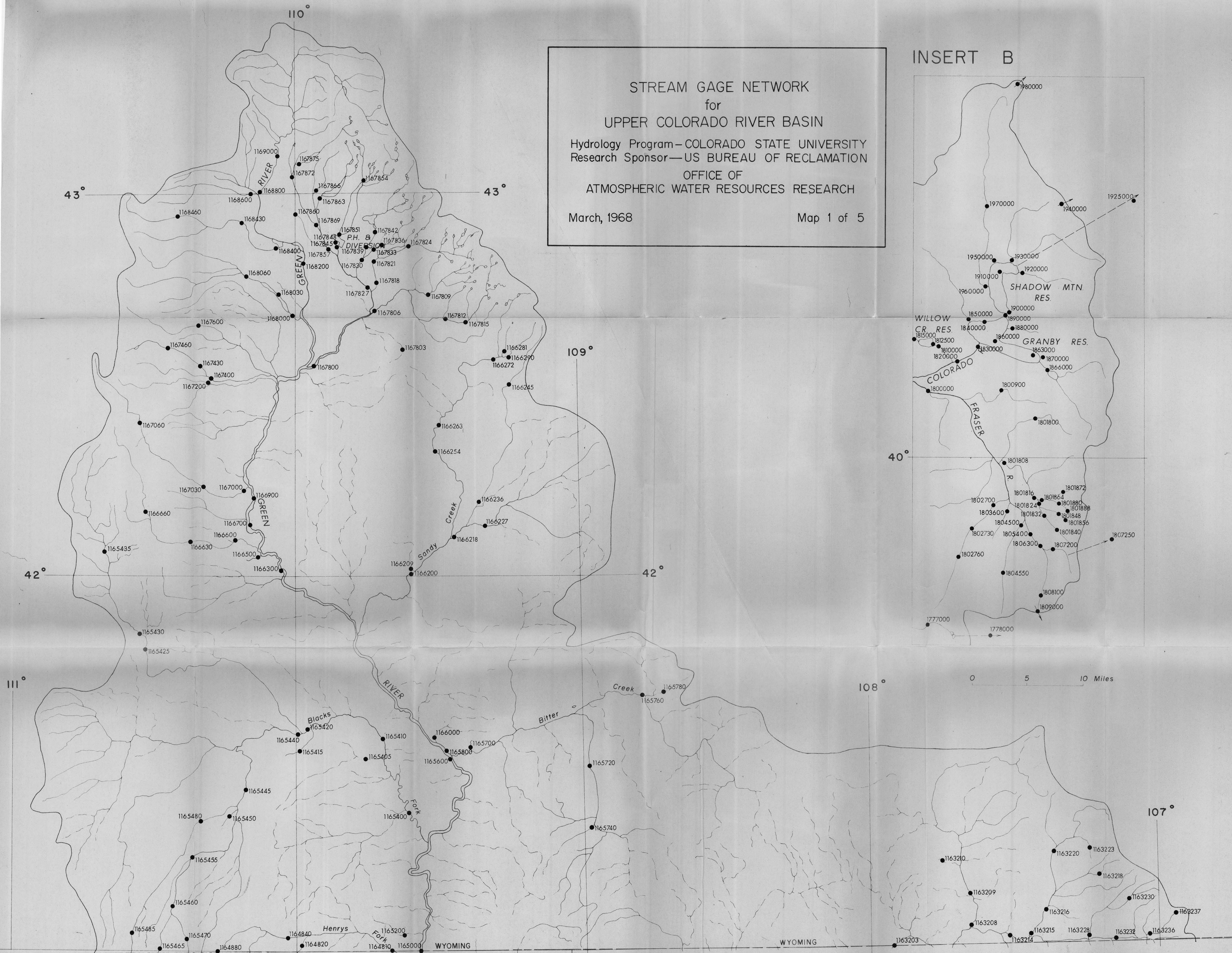
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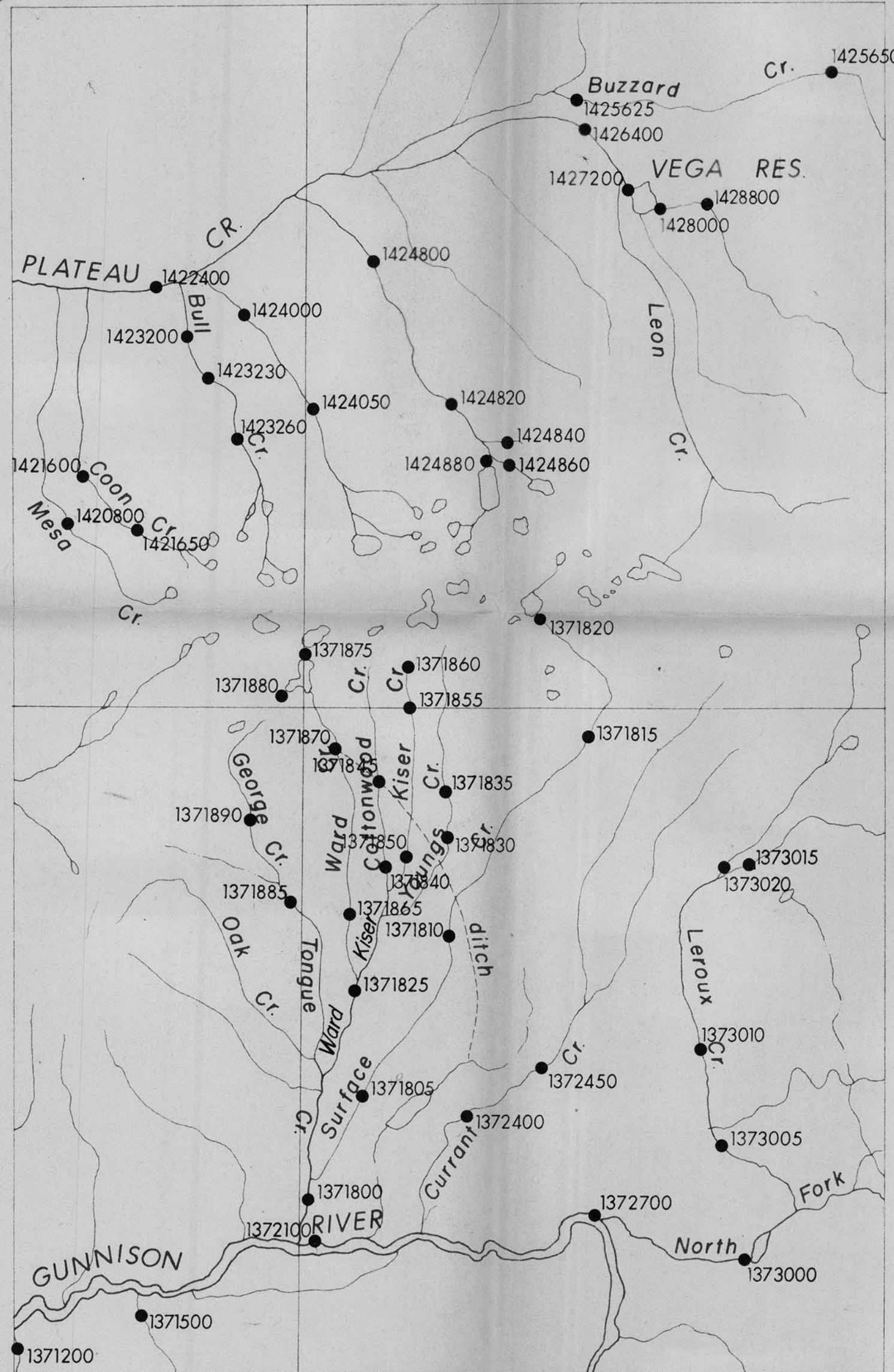
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Map 1 of 5



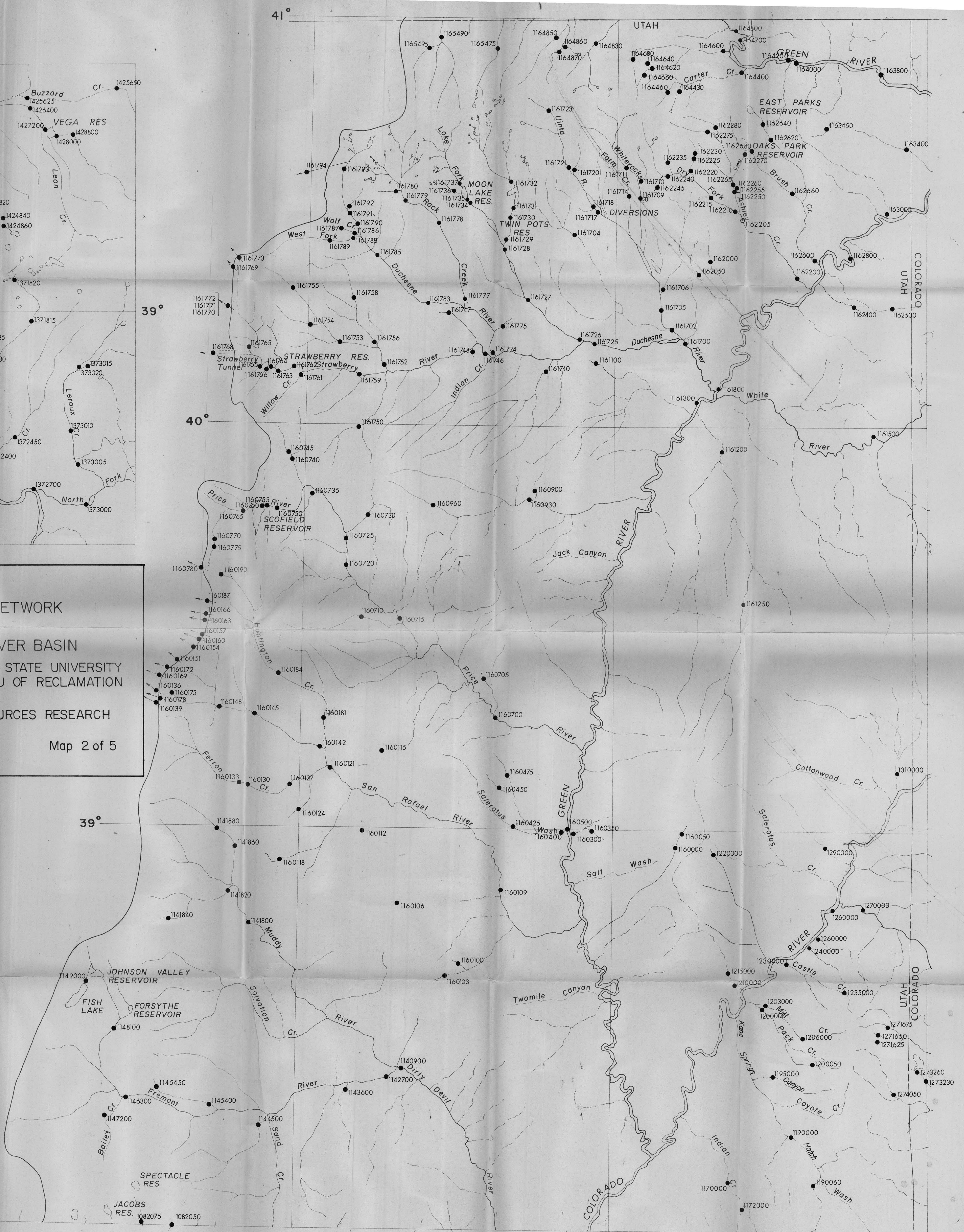
INSERT

A
108°



STREAM GAGE NETWORK
for
UPPER COLORADO RIVER BASIN
Hydrology Program-COLORADO STATE UNIVERSITY
Research Sponsor - US BUREAU OF RECLAMATION
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March, 1968
Map 2 of 5

38°





NOTE

1339500
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1331500
1331000
1330500
1330000

INSERT A ON MAP 2
INSERT B ON MAP 1

STREAM GAGE NETWORK
for
UPPER COLORADO RIVER BASIN

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Map 3 of 5



STREAM GAGE NETWORK
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Map 4 of 5



STREAM GAGE NETWORK
for
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Fig. P2

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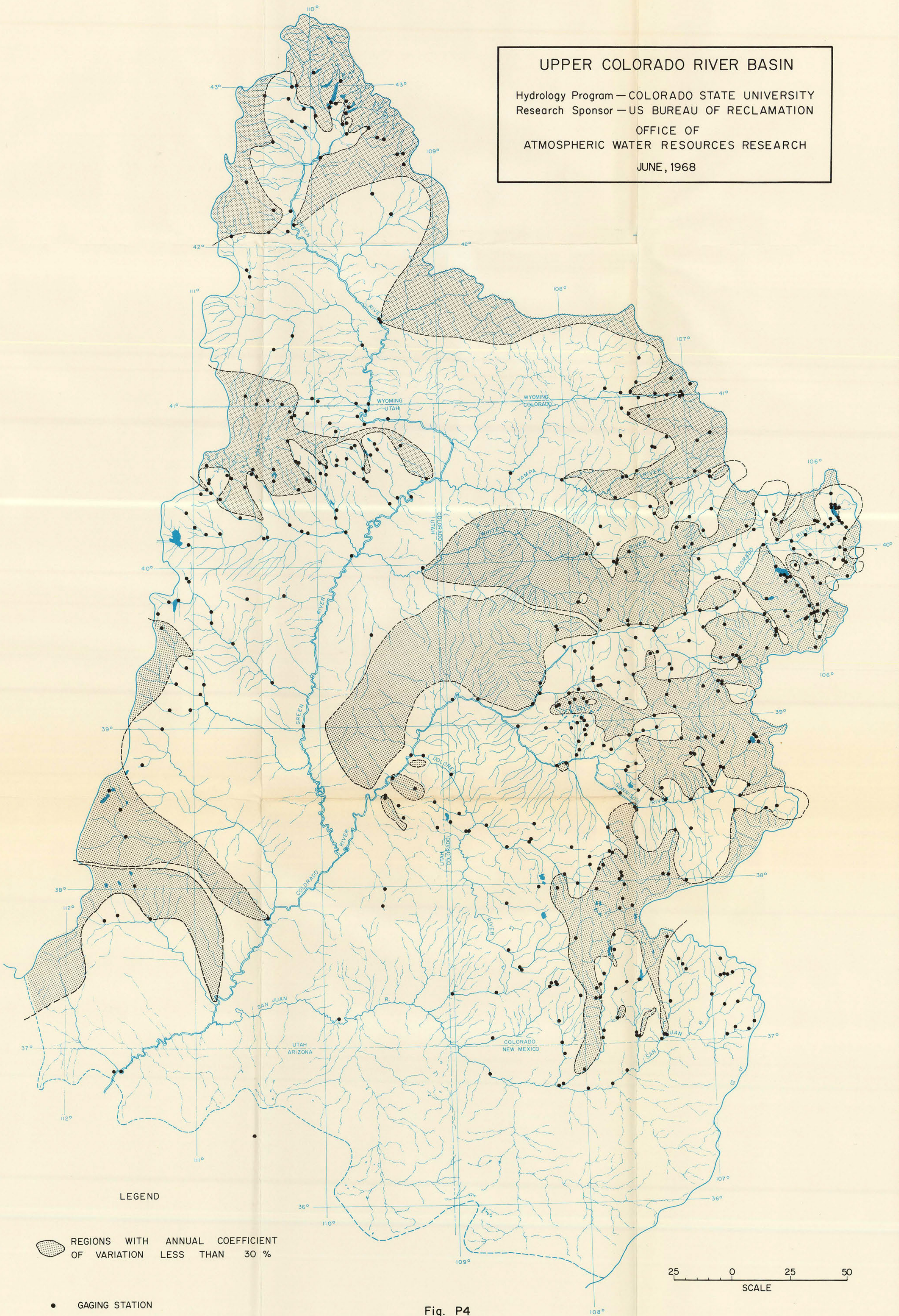


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Fig. P6

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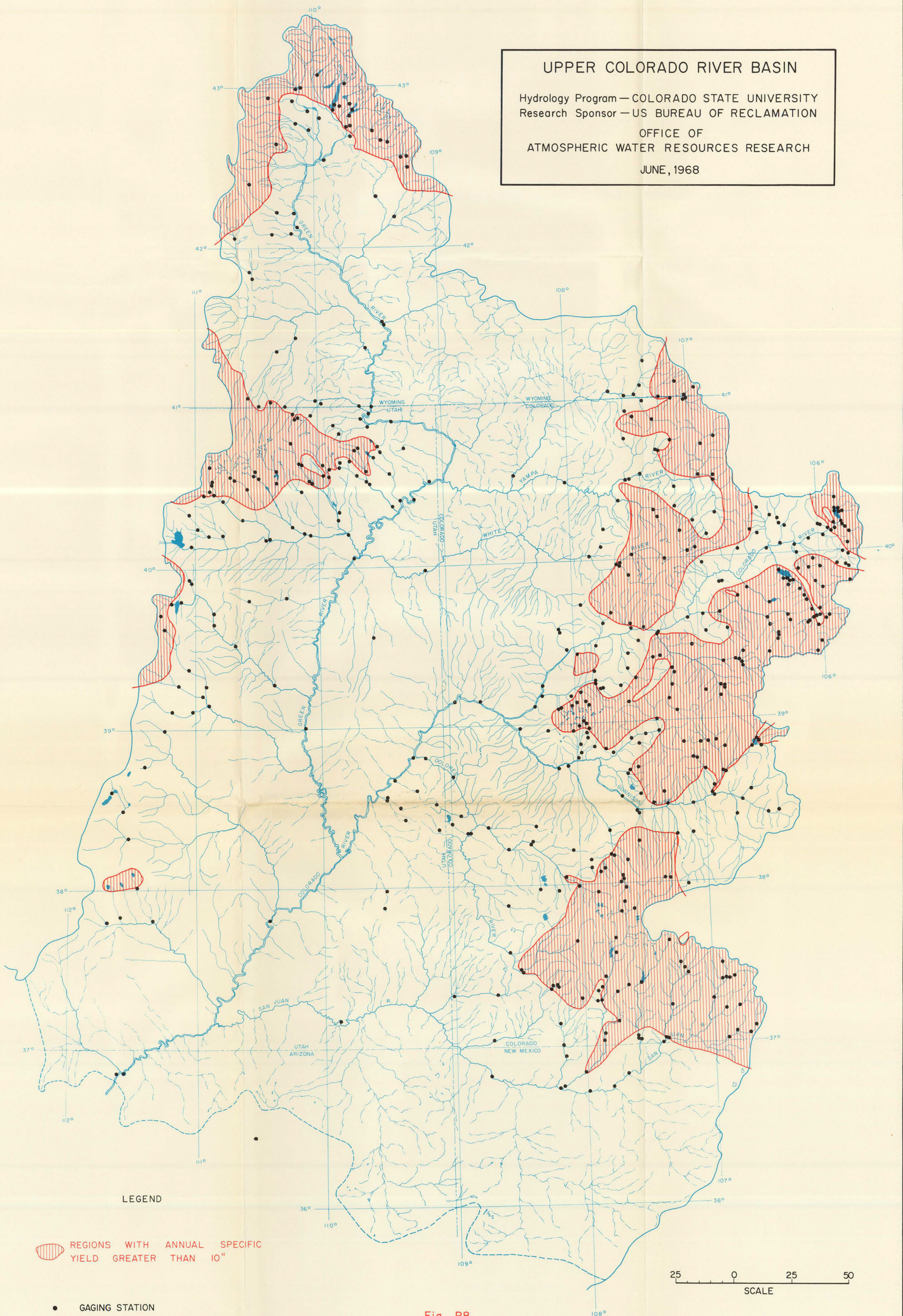
Fig. P7

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LEGEND

- SPECIFIC YIELD IN INCHES
FOR A FOUR MONTH PERIOD:
APRIL, MAY, JUNE, & JULY
- - - COEFFICIENT OF VARIATION IN %
FOR A FOUR MONTH PERIOD:
APRIL, MAY, JUNE, & JULY
- GAGING STATION

Fig. PII

25 0 25 50
SCALE

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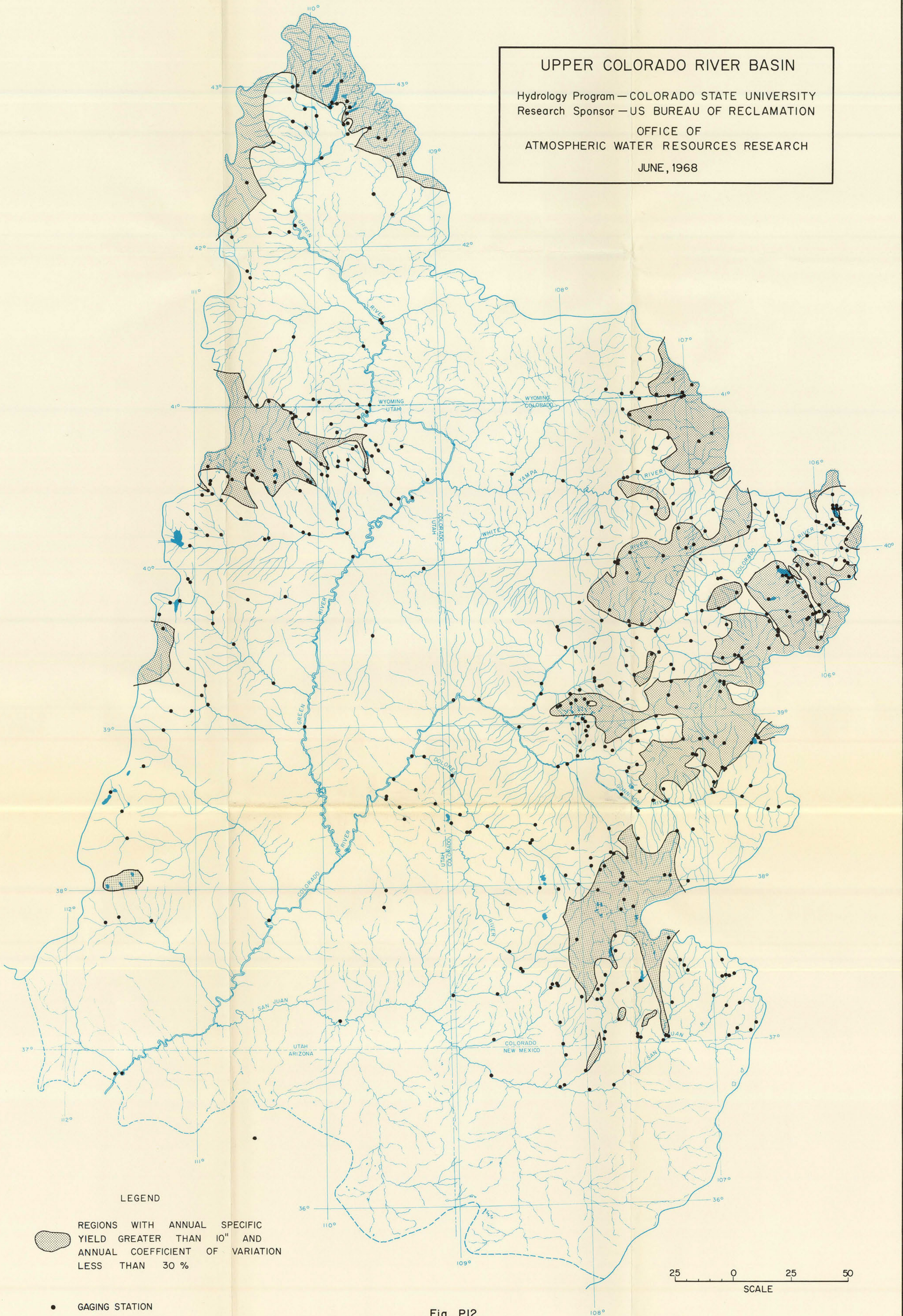


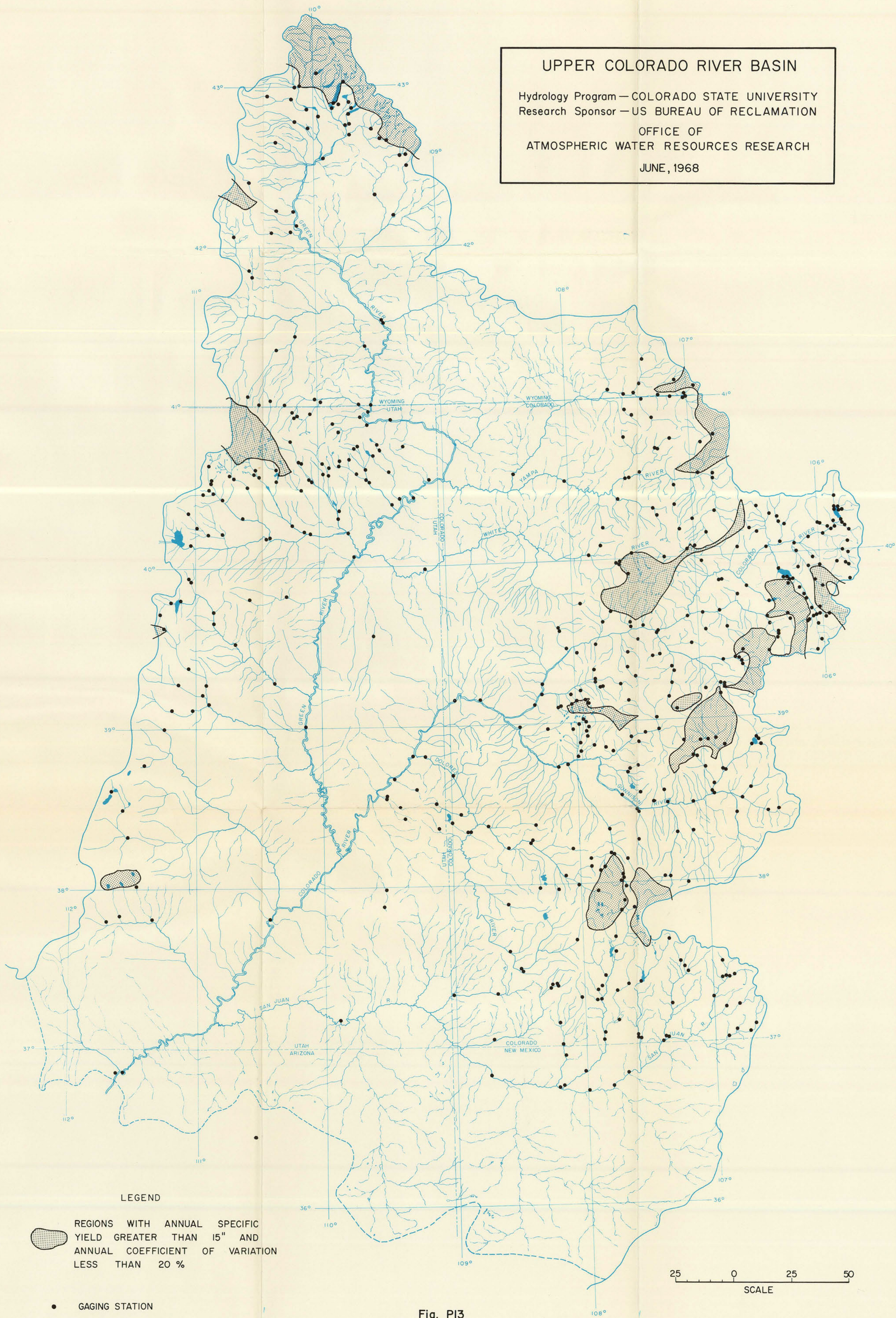
Fig. P12

UPPER COLORADO RIVER BASIN

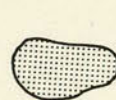
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LEGEND



REGIONS WITH ANNUAL SPECIFIC
YIELD GREATER THAN 15" AND
ANNUAL COEFFICIENT OF VARIATION
LESS THAN 20 %

• GAGING STATION

25 0 25 50
SCALE

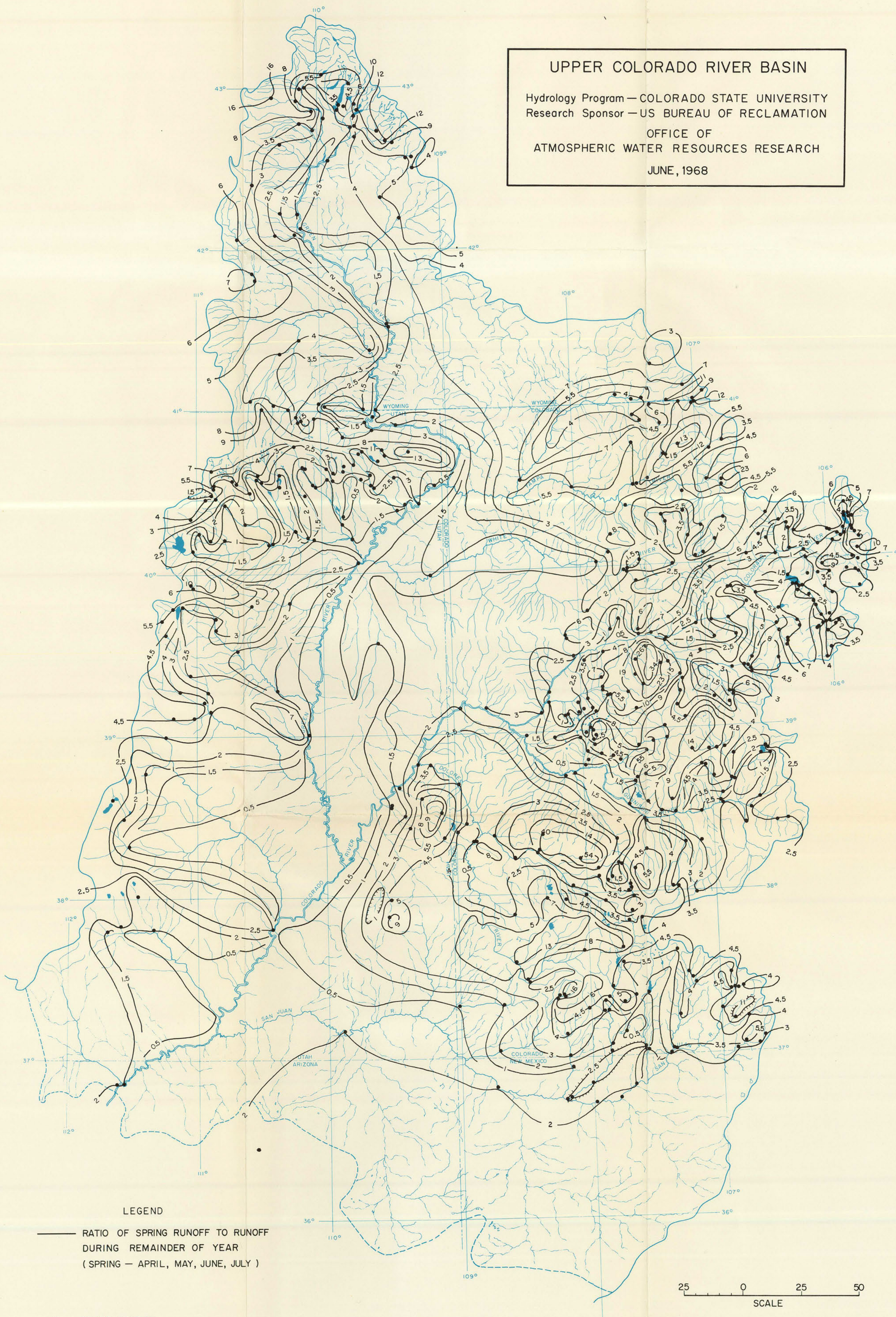
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LEGEND

— RATIO OF SPRING RUNOFF TO RUNOFF
DURING REMAINDER OF YEAR
(SPRING — APRIL, MAY, JUNE, JULY)

• GAGING STATION

Fig. P14

25 0 25 50
SCALE