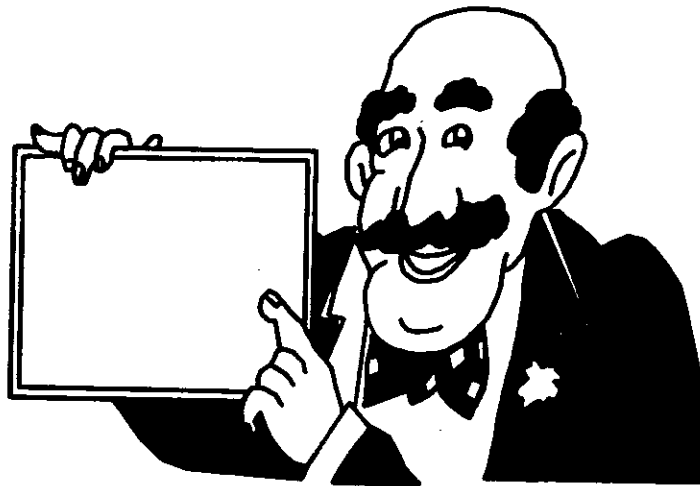


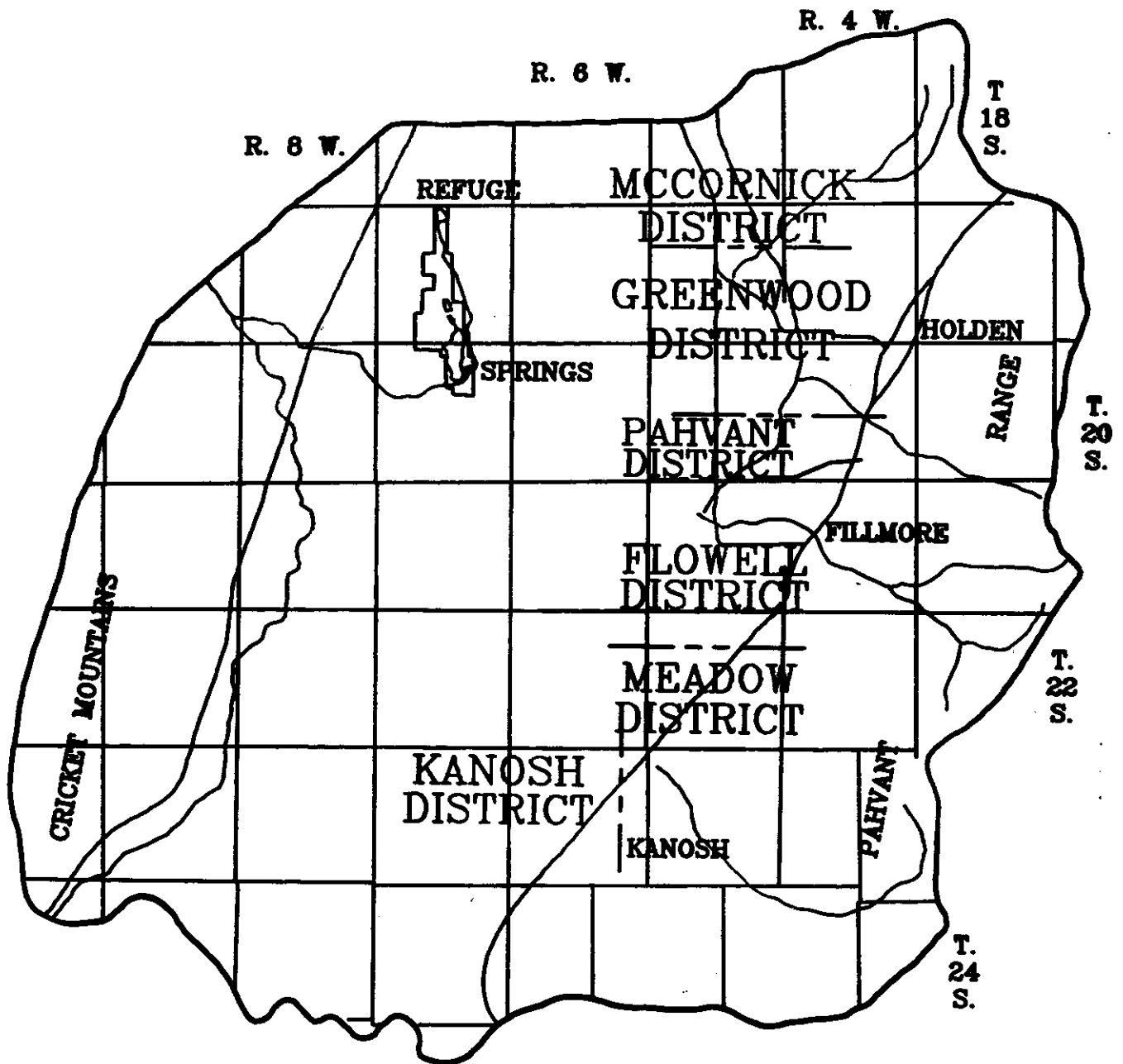
WATER RIGHTS OVERVIEW FOR PAHVANT VALLEY



**FEBRUARY 27, 1992
UTAH DIVISION OF
WATER RIGHTS**

CURRENT WATER **RIGHTS POLICY**

- ✓ LIMITED TO 3.0 AF
DOMESTIC, STOCK
& 1/4 AC IRRIGATION**
- ✓ NOT LOCATED IN A
SUBDIVISION / MUNICIPALITY**
- ✓ LOCATED WITHIN THE
VALLEY FILL**



GROUND-WATER DISTRICTS

GROUND - WATER DEVELOPMENT
IN PAHVANT VALLEY

< 1950 FLOWING WELLS

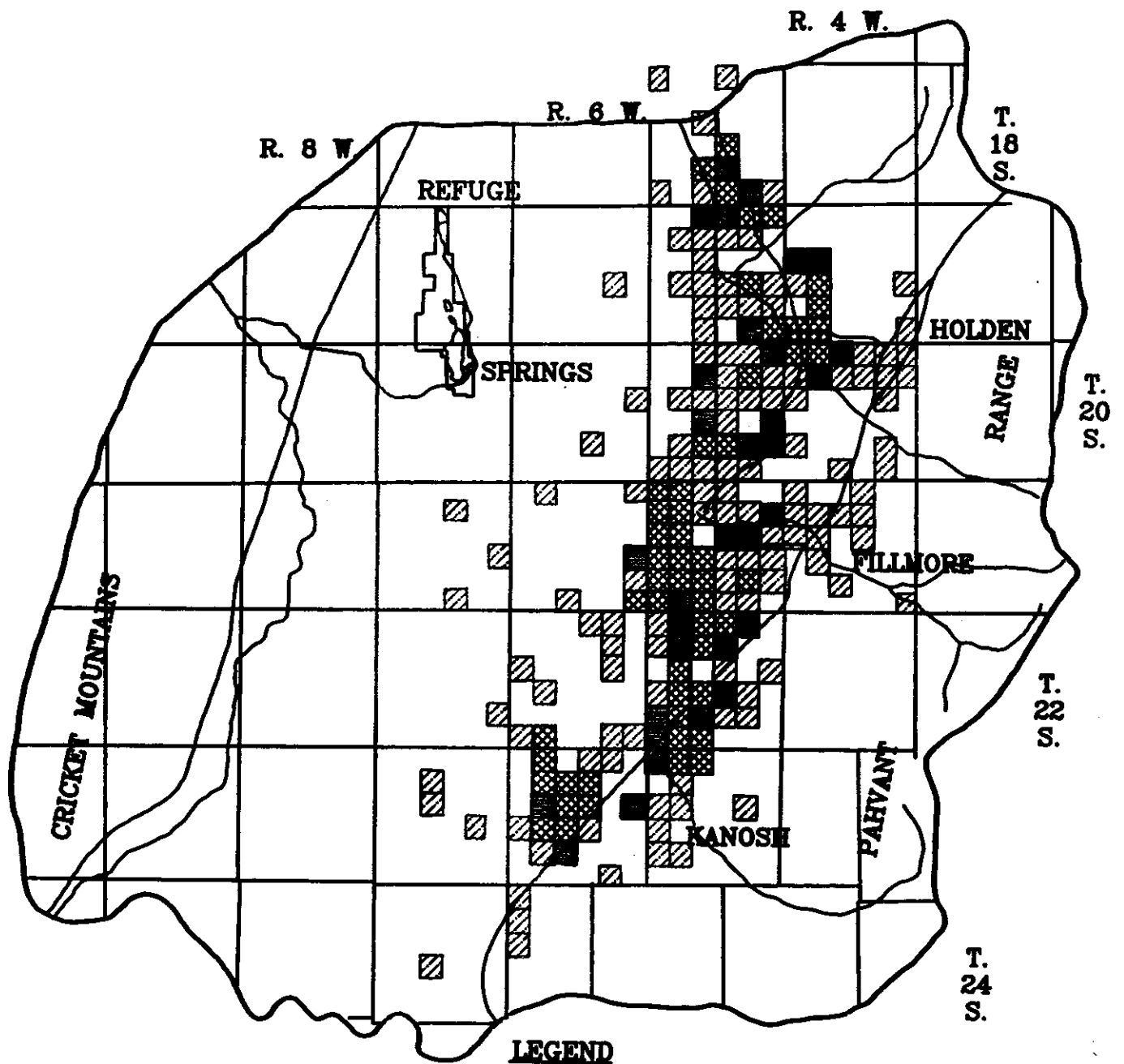
**1950 - 1960 240 WELLS
DRILLED
WITHDRAWLS
INCREASED 4
TIMES**

**1964 NO MORE LARGE
APPLICATIONS
APPROVED**

**1987 - 1992 35 DOMESTIC /
STOCK FILINGS
20 CHANGES**

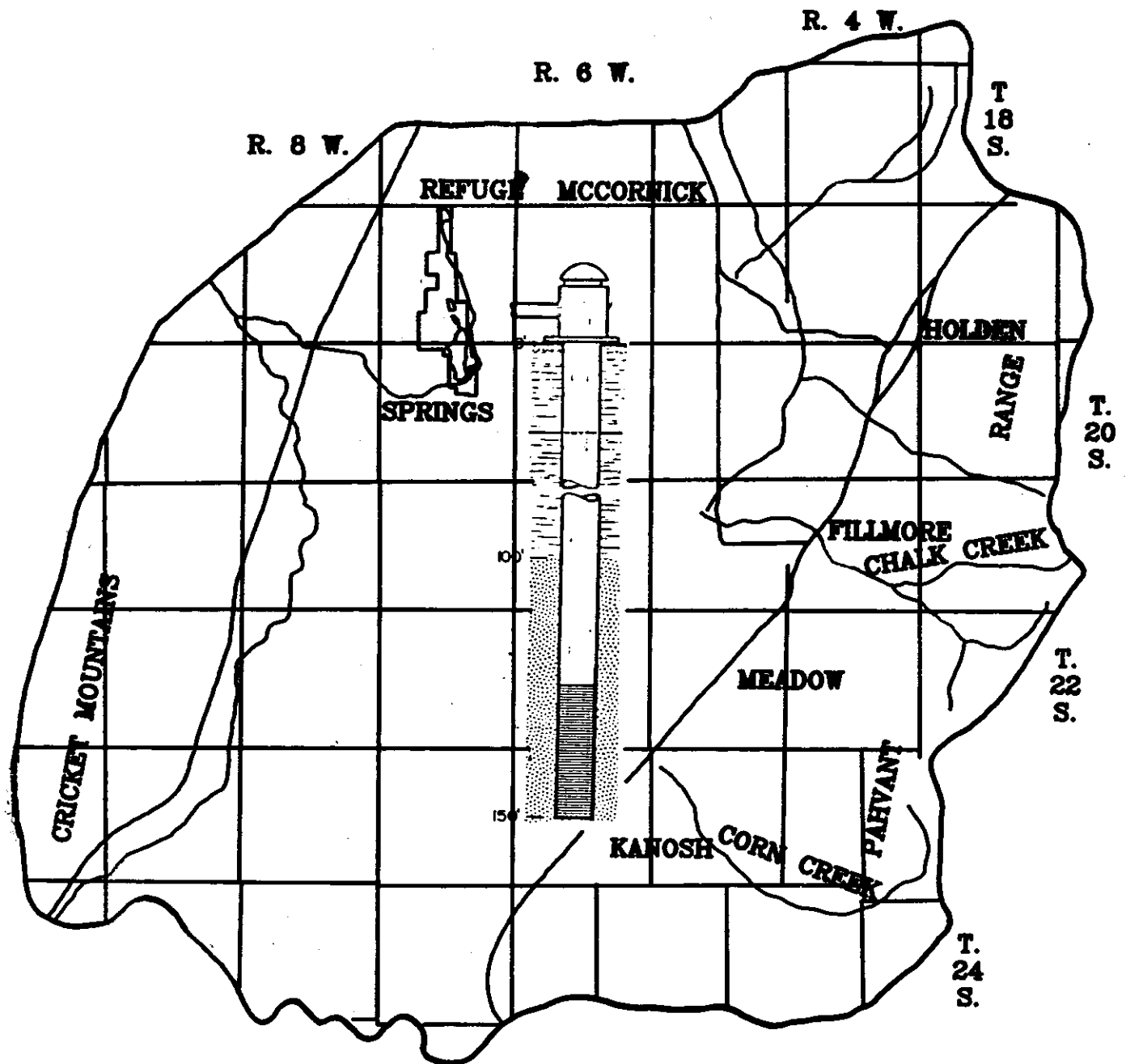
SUMMARY OF
WATER RIGHTS

<u>STATUS</u>	<u>NUMBER</u>	<u>CFS</u>
CERTIFICATE	360	550
U.G.W. CLAIM	270	130
APPROVED	55	4
UNAPPROVED	60	240



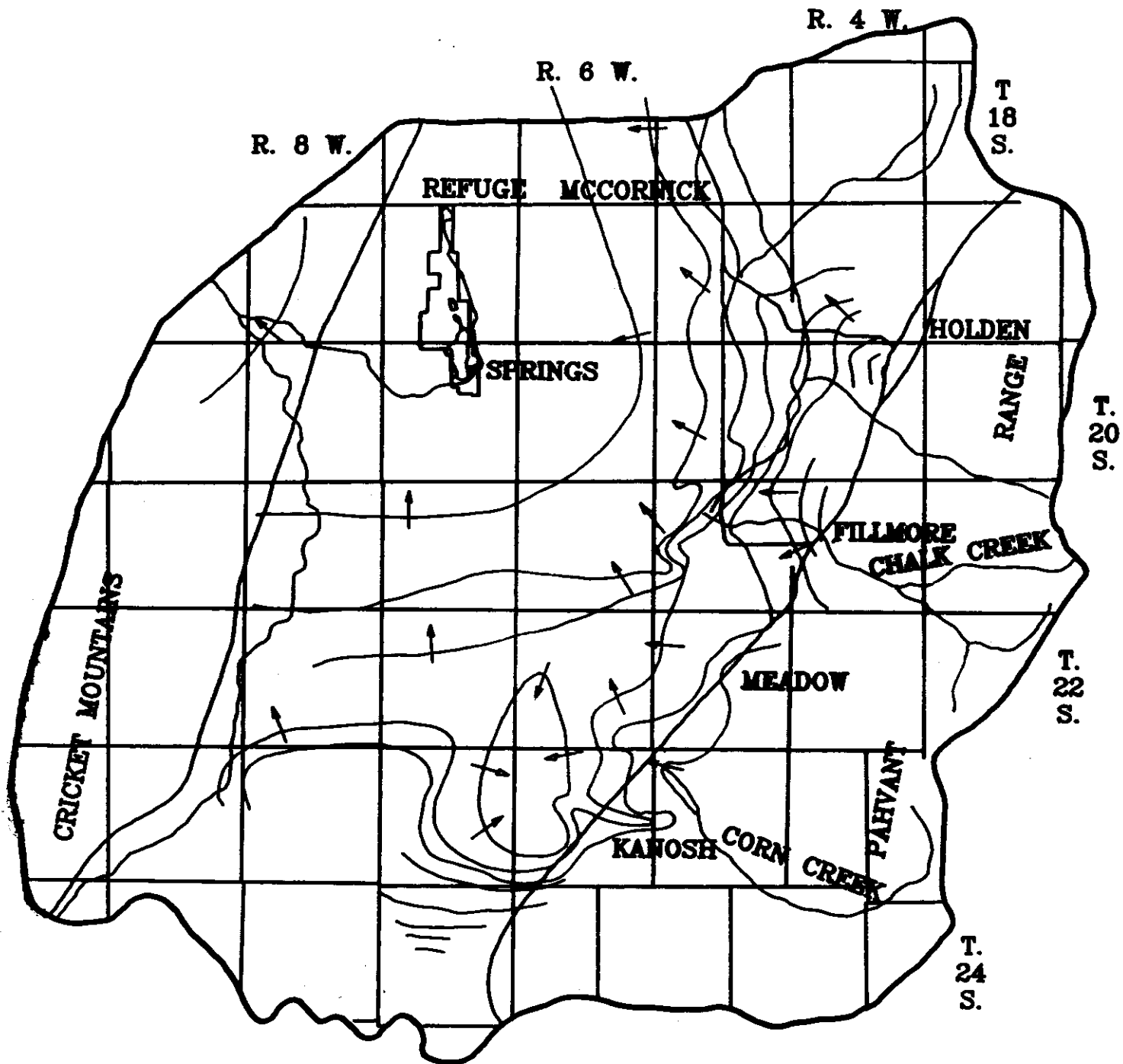
AREAS OF WITHDRAWALS

GROUND WATER RESOURCES OF PAHVANT VALLEY



U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION



GROUND — WATER FLOW

RECHARGE (INFLOW)

Streams / Canal 20,000

Unconsumed Irrigation 39,000

Precipitation 11,000

Total 70,000

DISCHARGE (OUTFLOW)

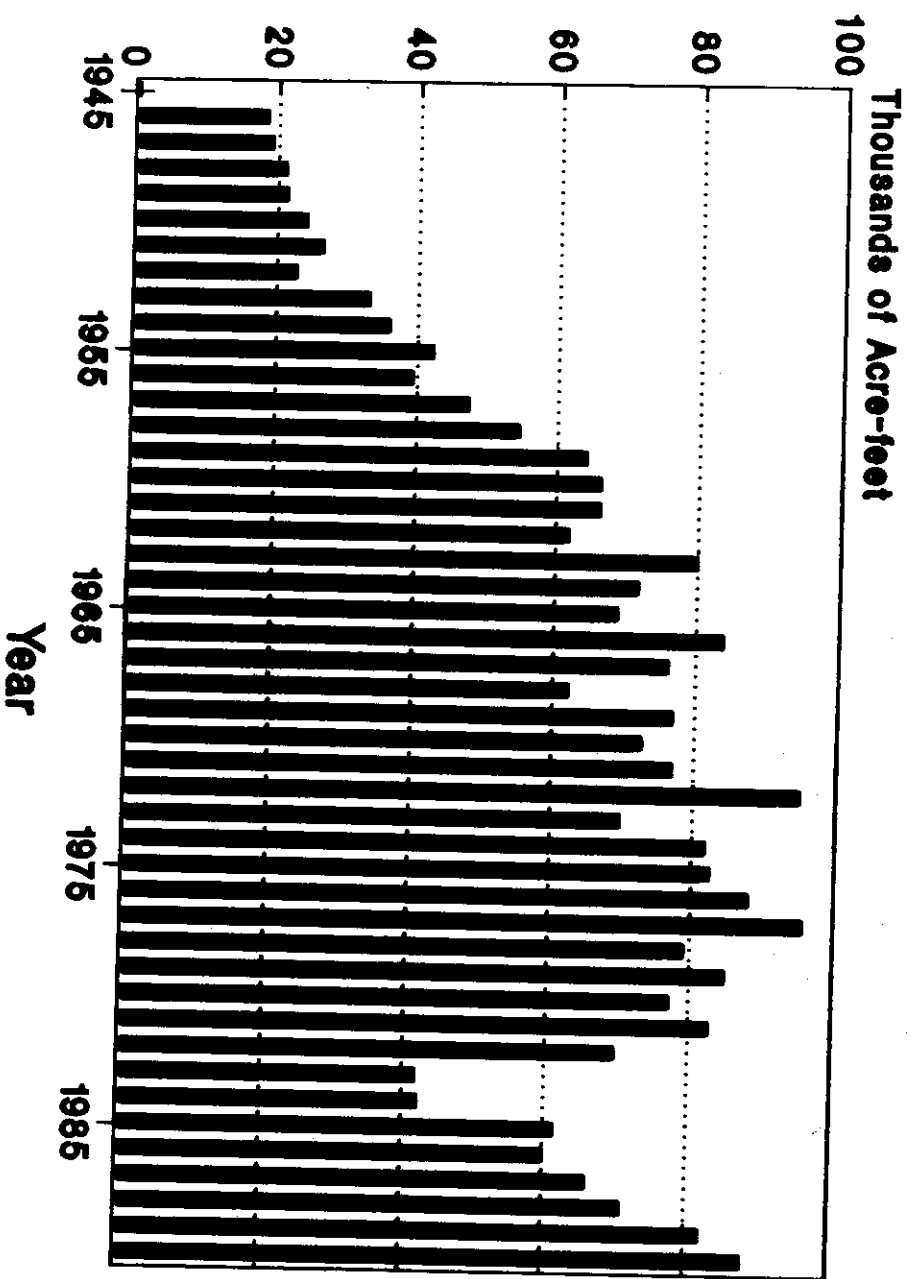
Springs / Drains 13,600

Evapotransportation 29,000

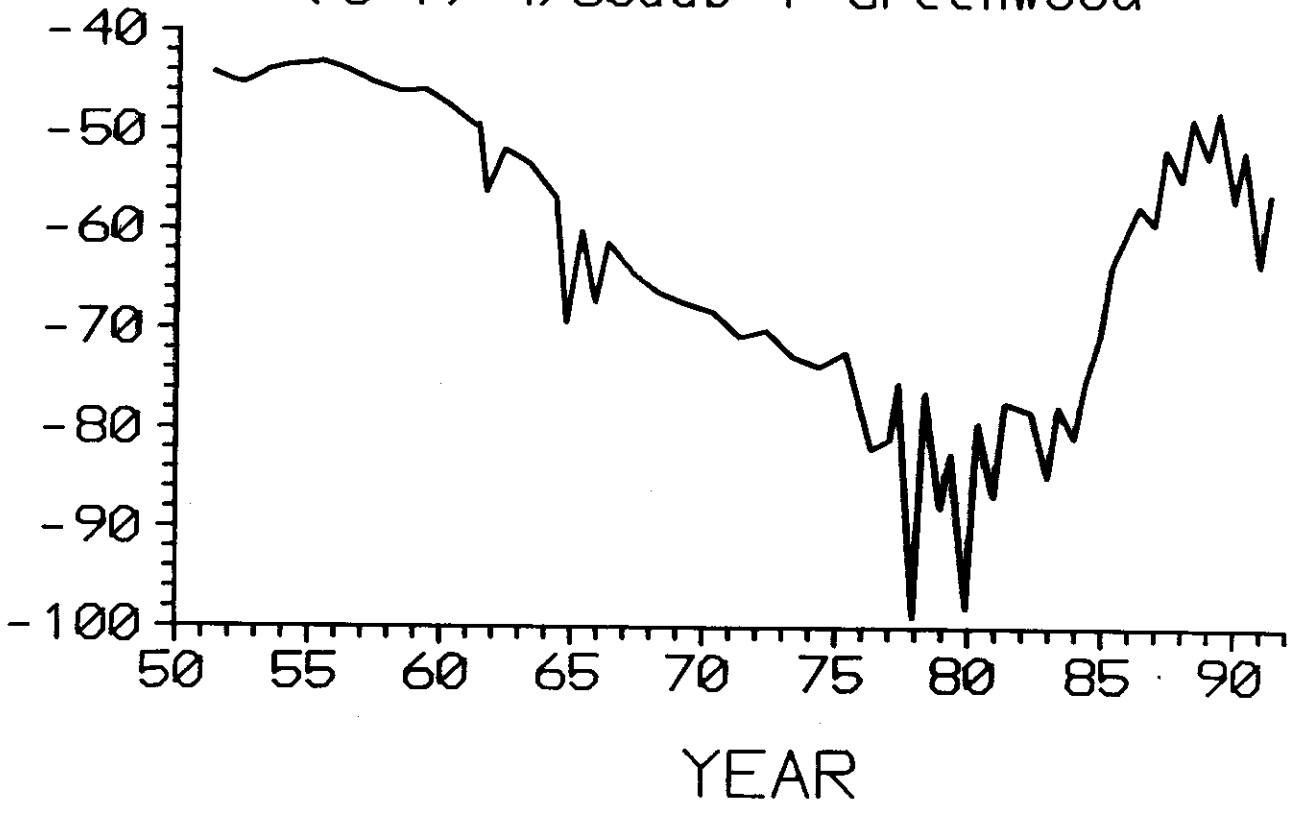
Wells 64,000

Total 108,600

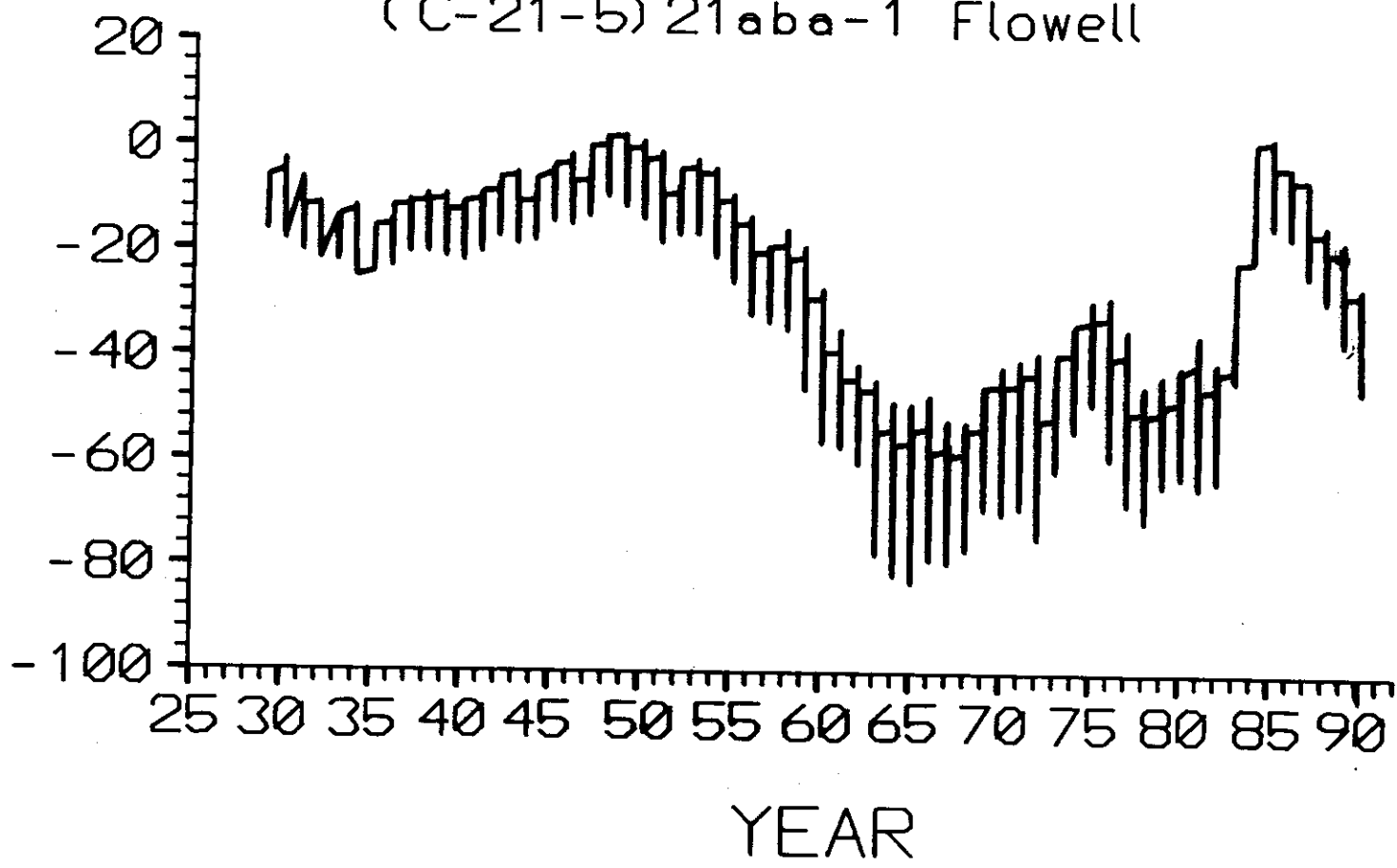
Well Withdrawals Pahvant Valley



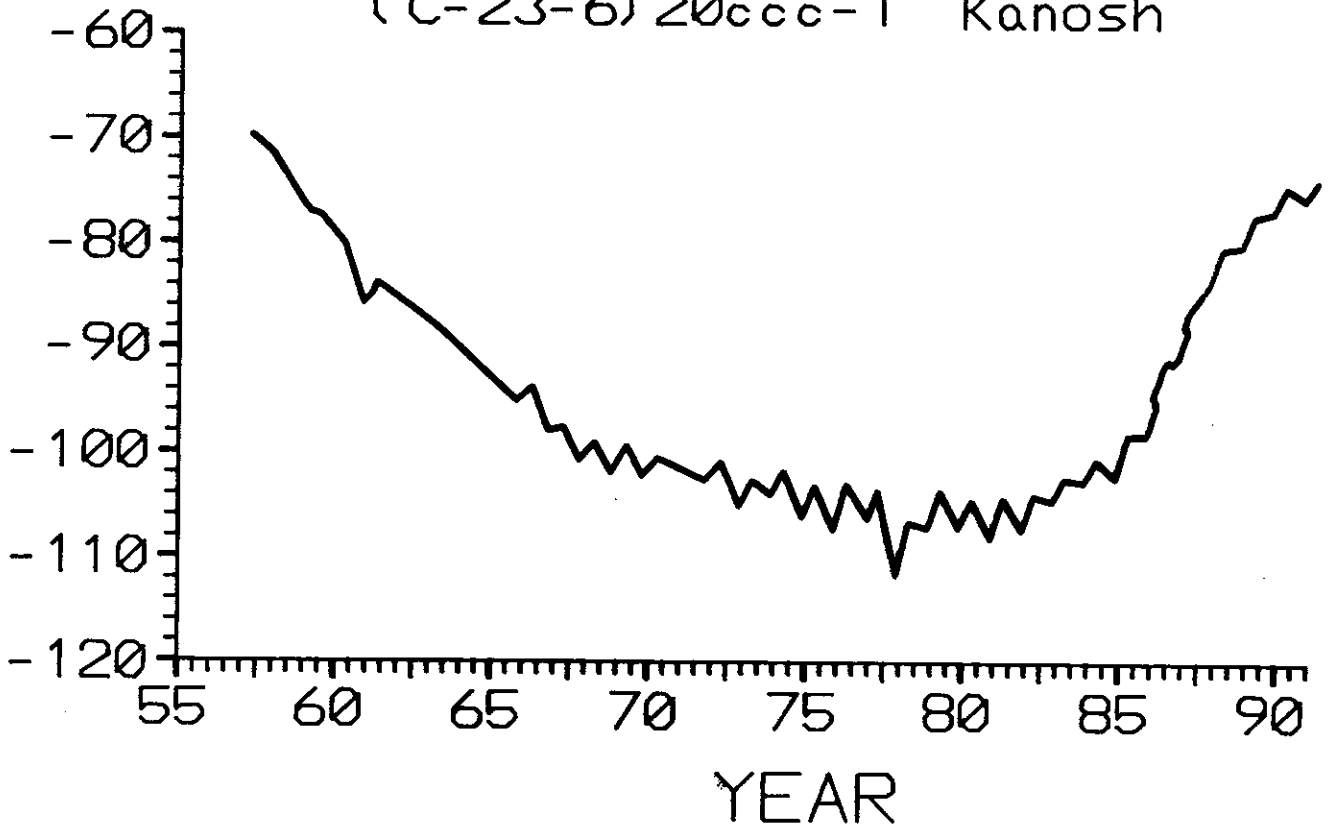
(C-19-4) 30dab-1 Greenwood

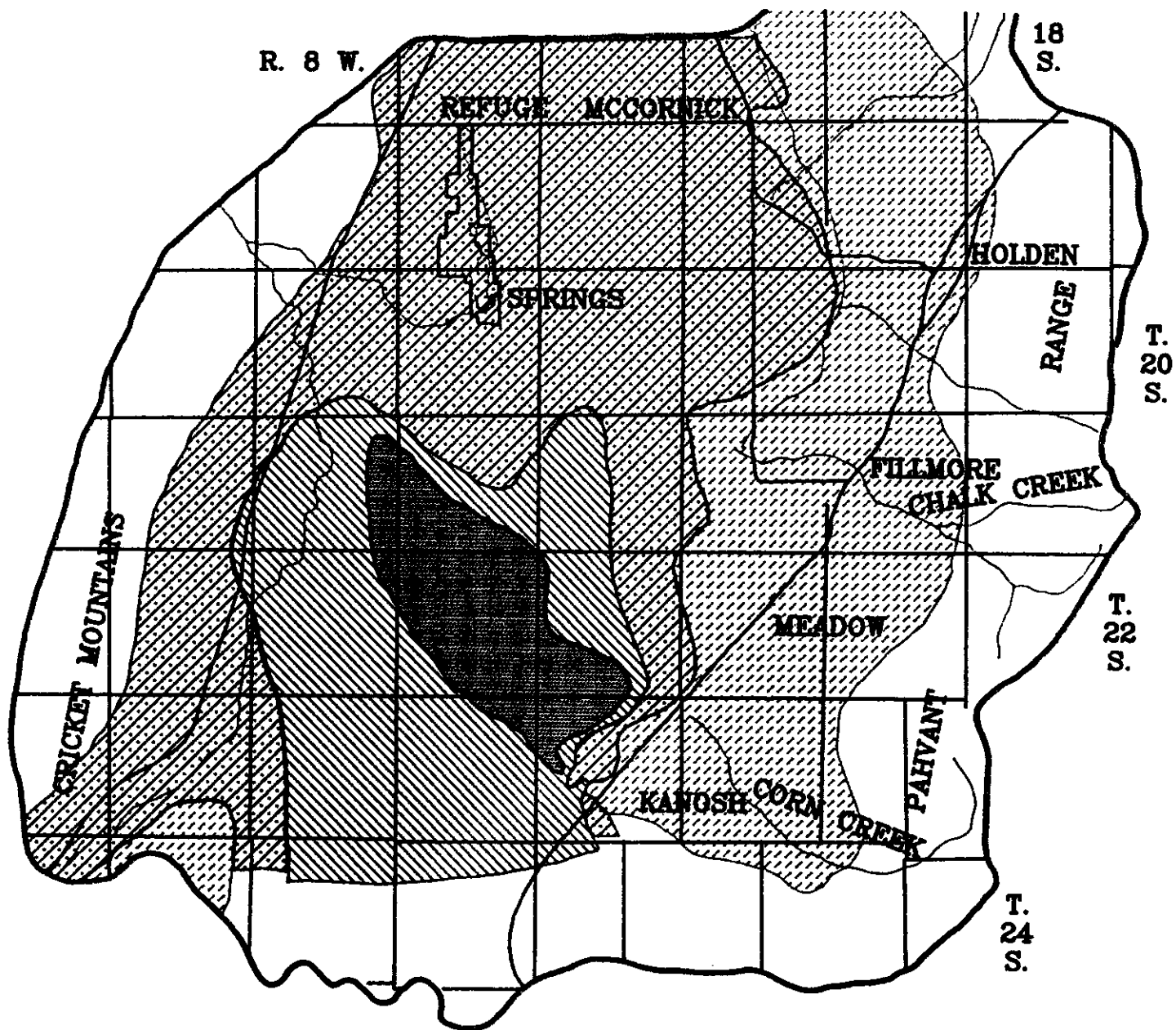


(C-21-5) 21aba-1 Flowell



(C-23-6) 20ccc-1 Kanosh





MILLIGRAMS PER LITER

GROUND-WATER QUALITY

GROUND - WATER MANAGEMENT PLAN

- ANNUAL PUMPAGE
- LOCATION OF WITHDRAWALS
- WATER QUALITY
- NEW APPLICATIONS
- WATER RIGHT TRANSFERS

PAHVANT VALLEY STUDY

- **WATER RIGHTS REVIEW
AND ACREAGE SURVEY**
- **MODEL FUTURE
ALTERNATIVES**
- **DEVELOP PROPOSED
MANAGEMENT PLAN**

Annual Precipitation Fillmore, Utah

