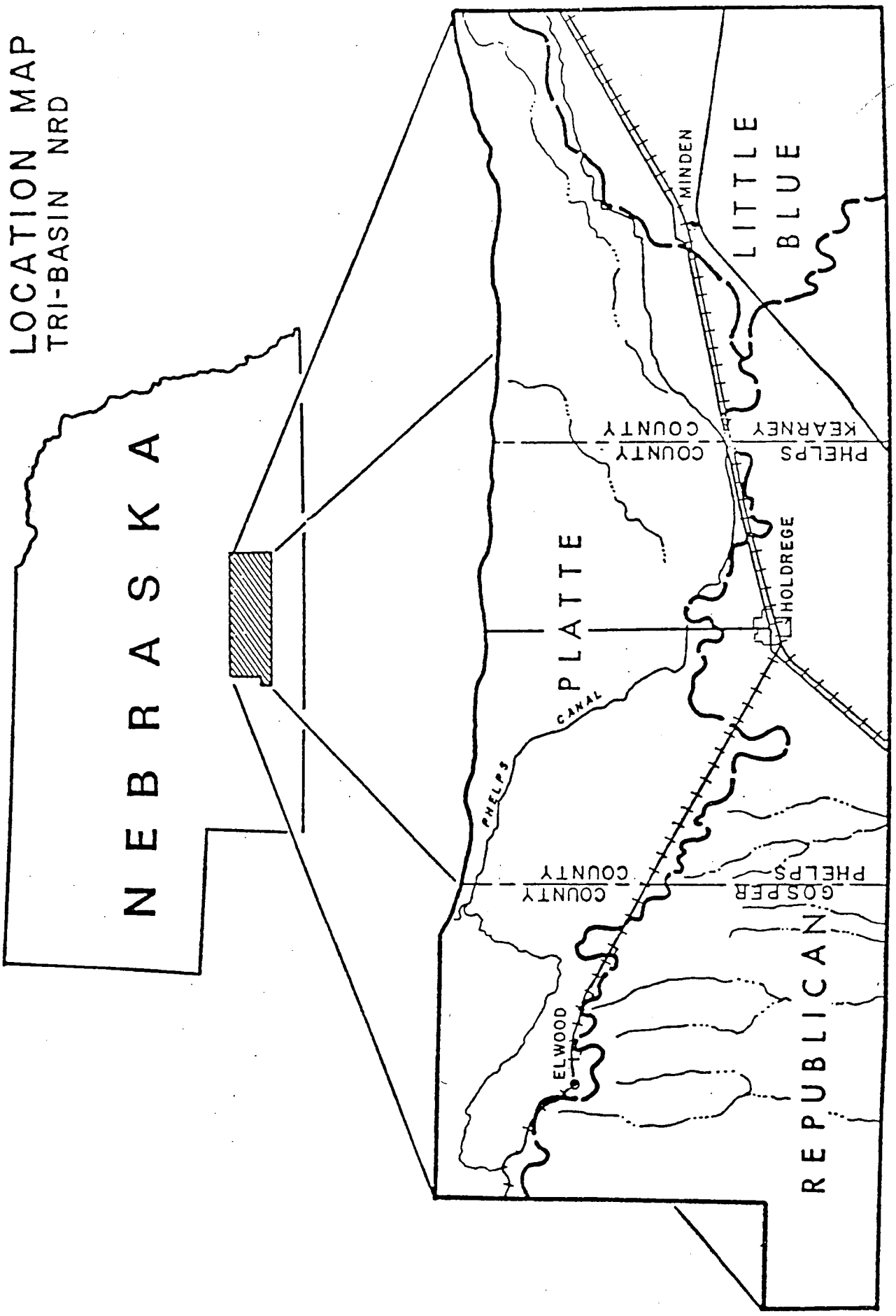
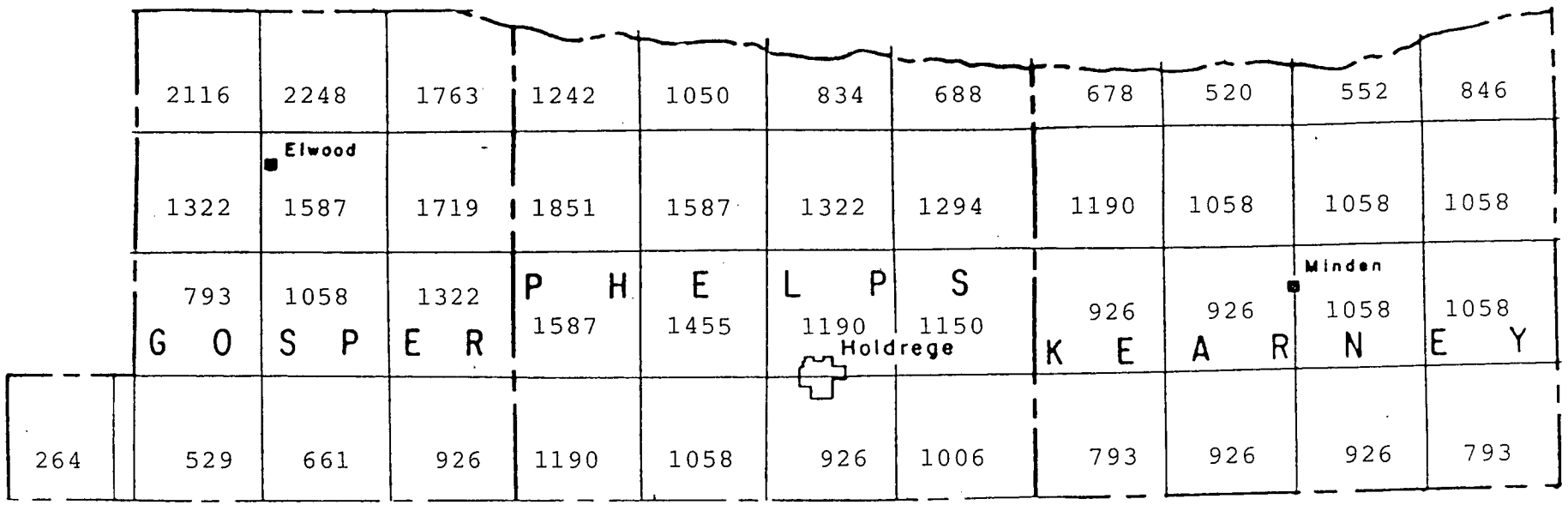
This is the portion of the Tri-Basin's Ground Water Management Plan that was amended in 2004.


LOCATION MAP
TRI-BASIN NRD
NEBRASKA
LITTLE BLUE
MINDEN
PHELPS COUNTY
KEARNEY COUNTY
PLATTE
HOLDREGE
PHELPS CANAL
GOSPER COUNTY
PHELPS COUNTY
REPUBLICAN
ELWOOD



WATER IN STORAGE BY TOWNSHIPS
(In 1000 Acre-Feet)
TOTAL FOR NRD = 50,104,000

MAP #2

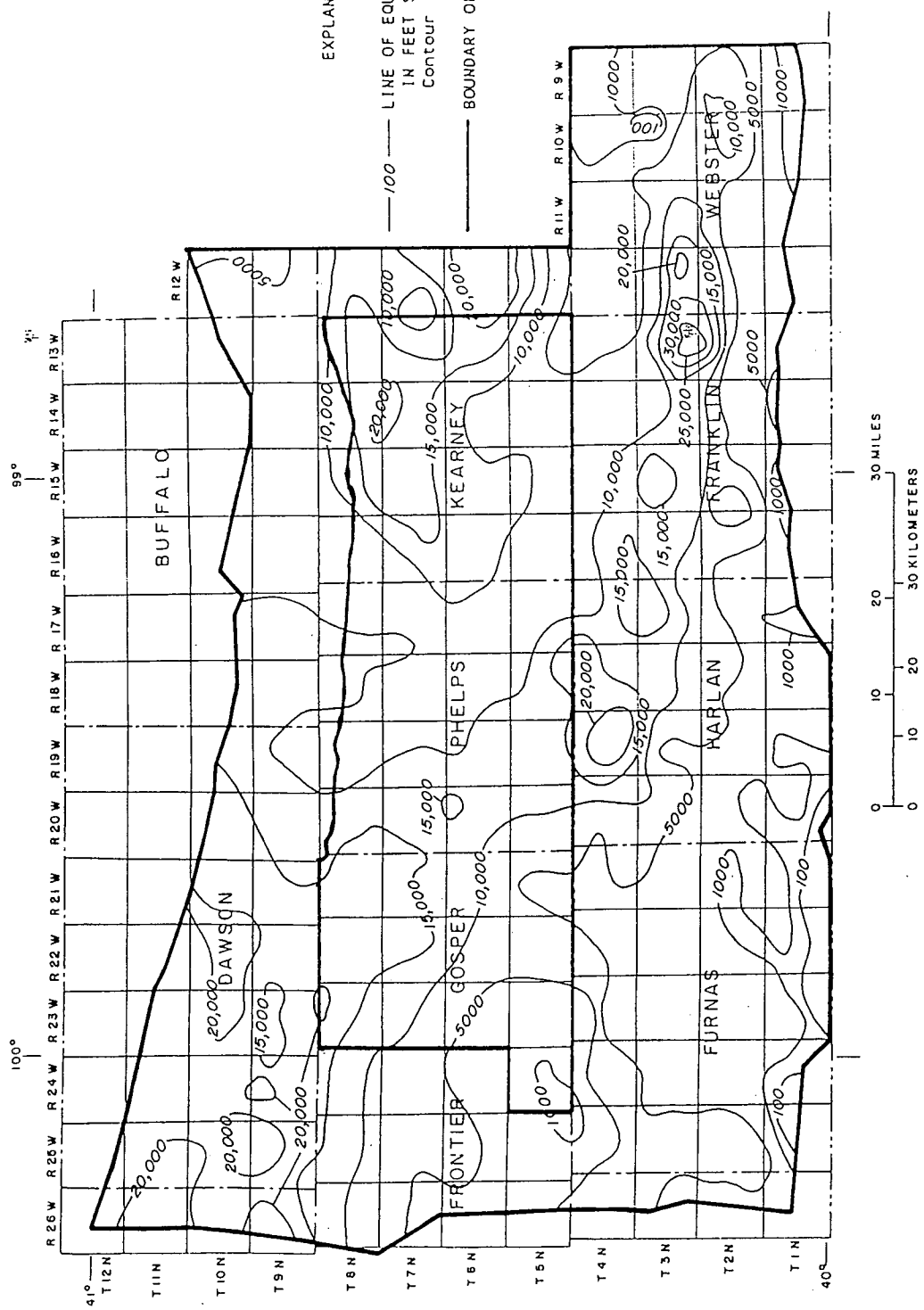


Figure 23.--Transmissivity of the aquifer, 1940.

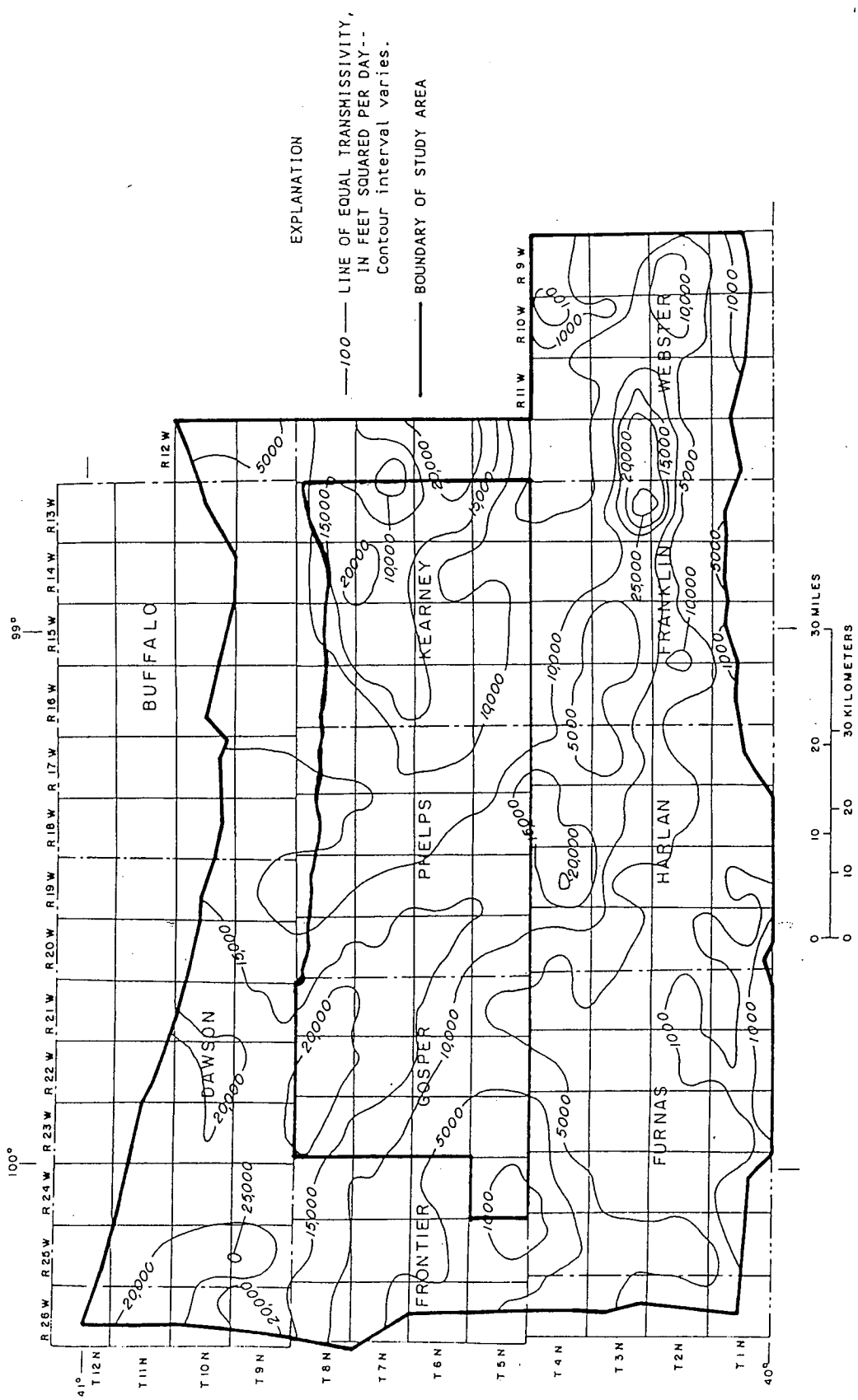
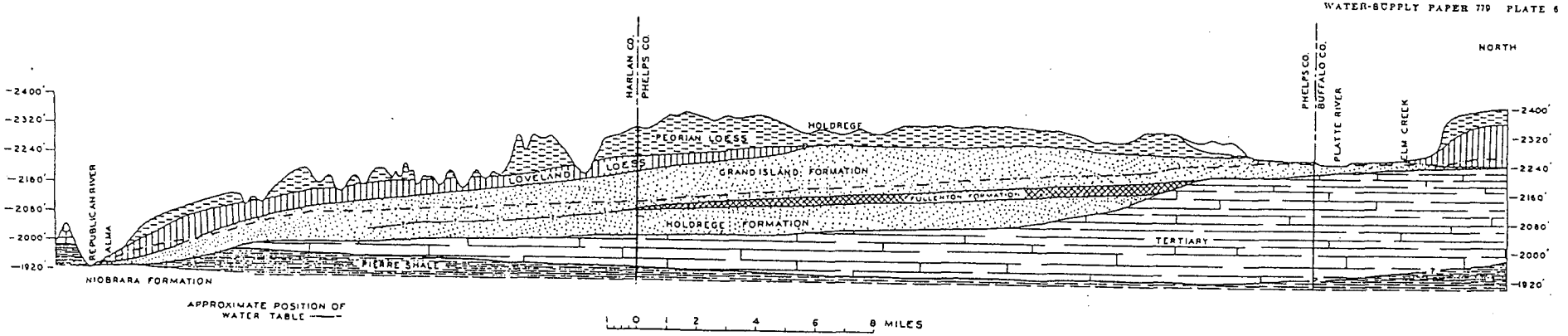
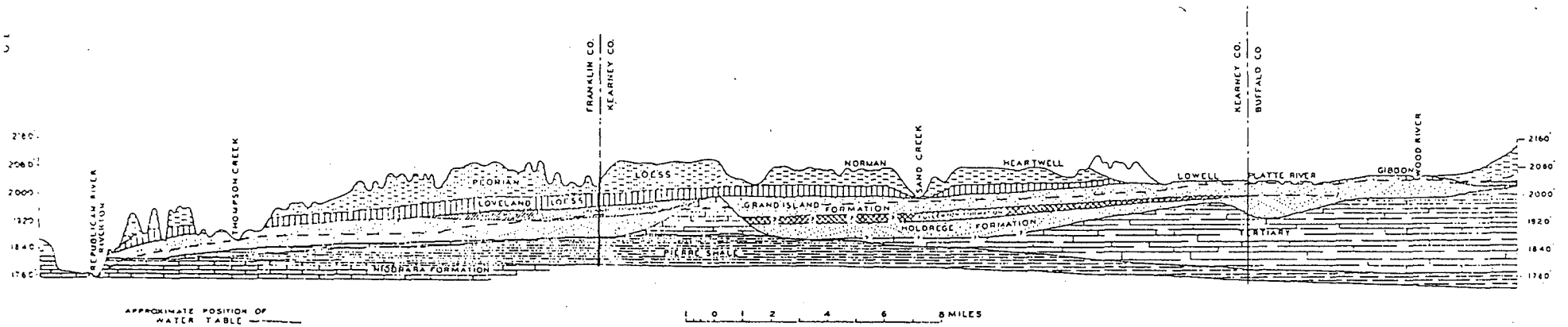


Figure 24.--Transmissivity of the aquifer, spring 1981.



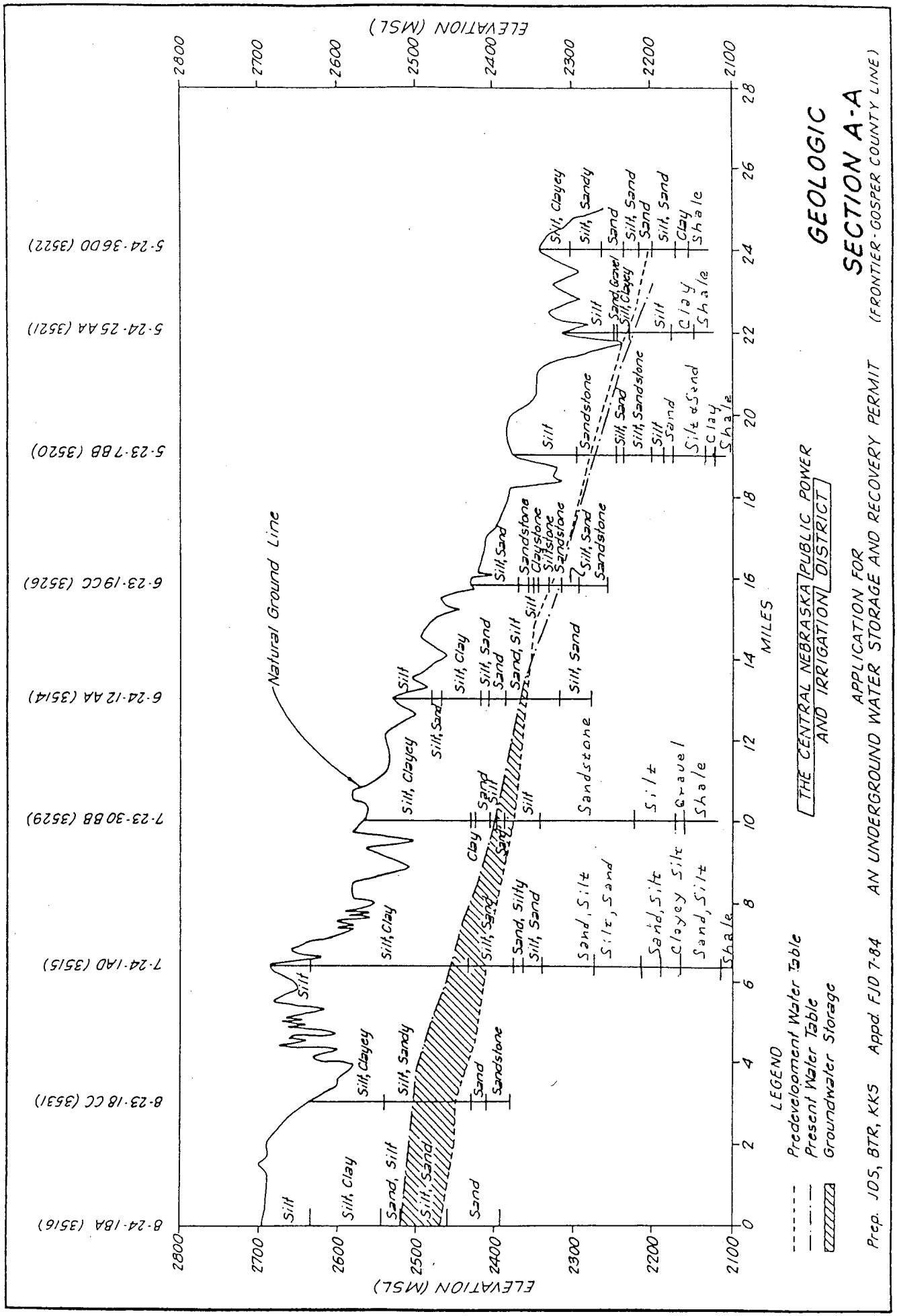
NORTH-SOUTH GEOLOGIC PROFILE SECTION FROM ELM CREEK TO ALMA, NEBR.

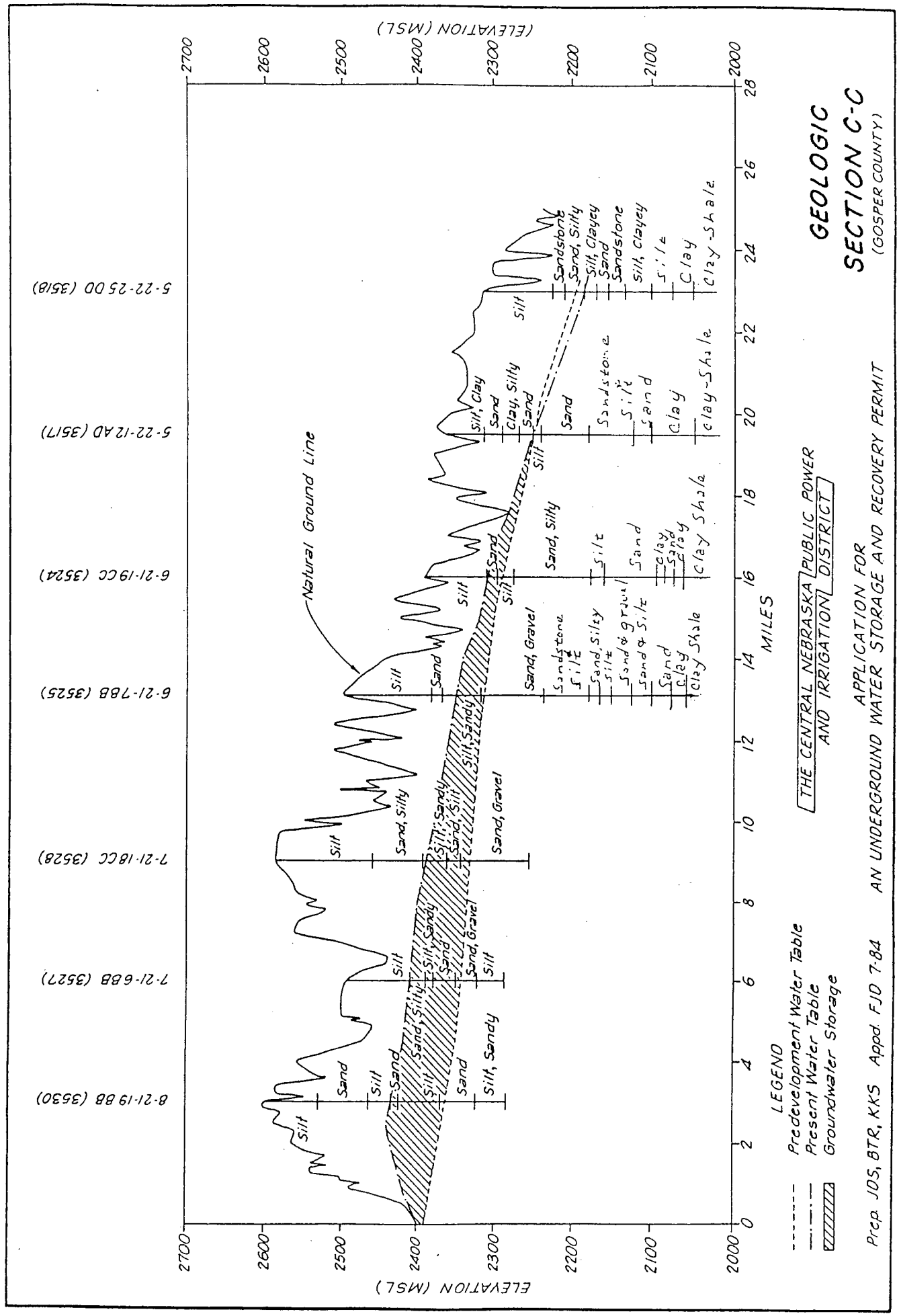
MAP #4

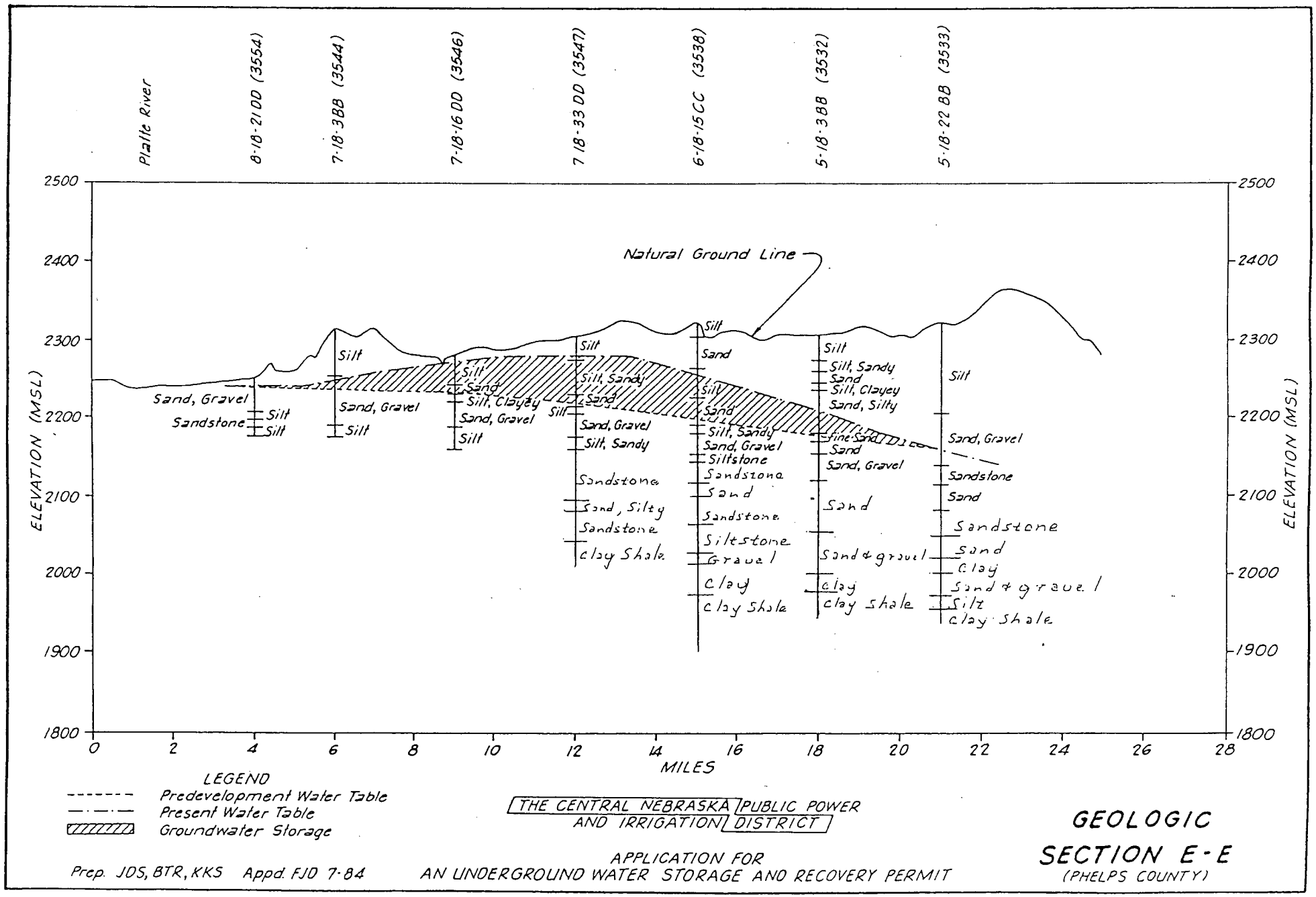


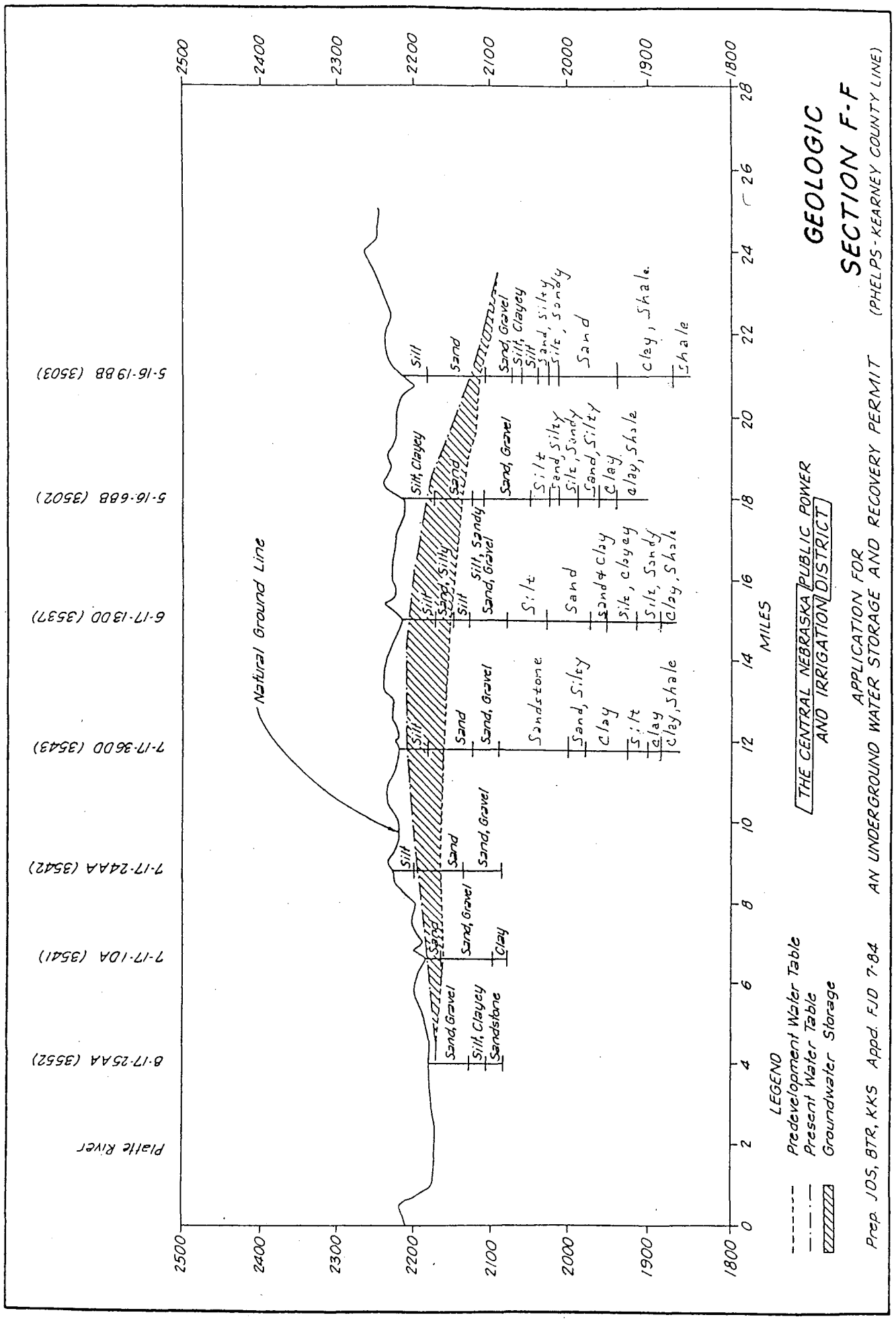
NORTH-SOUTH GEOLOGIC PROFILE SECTION FROM GIBBON TO RIVERTON, NEBR.

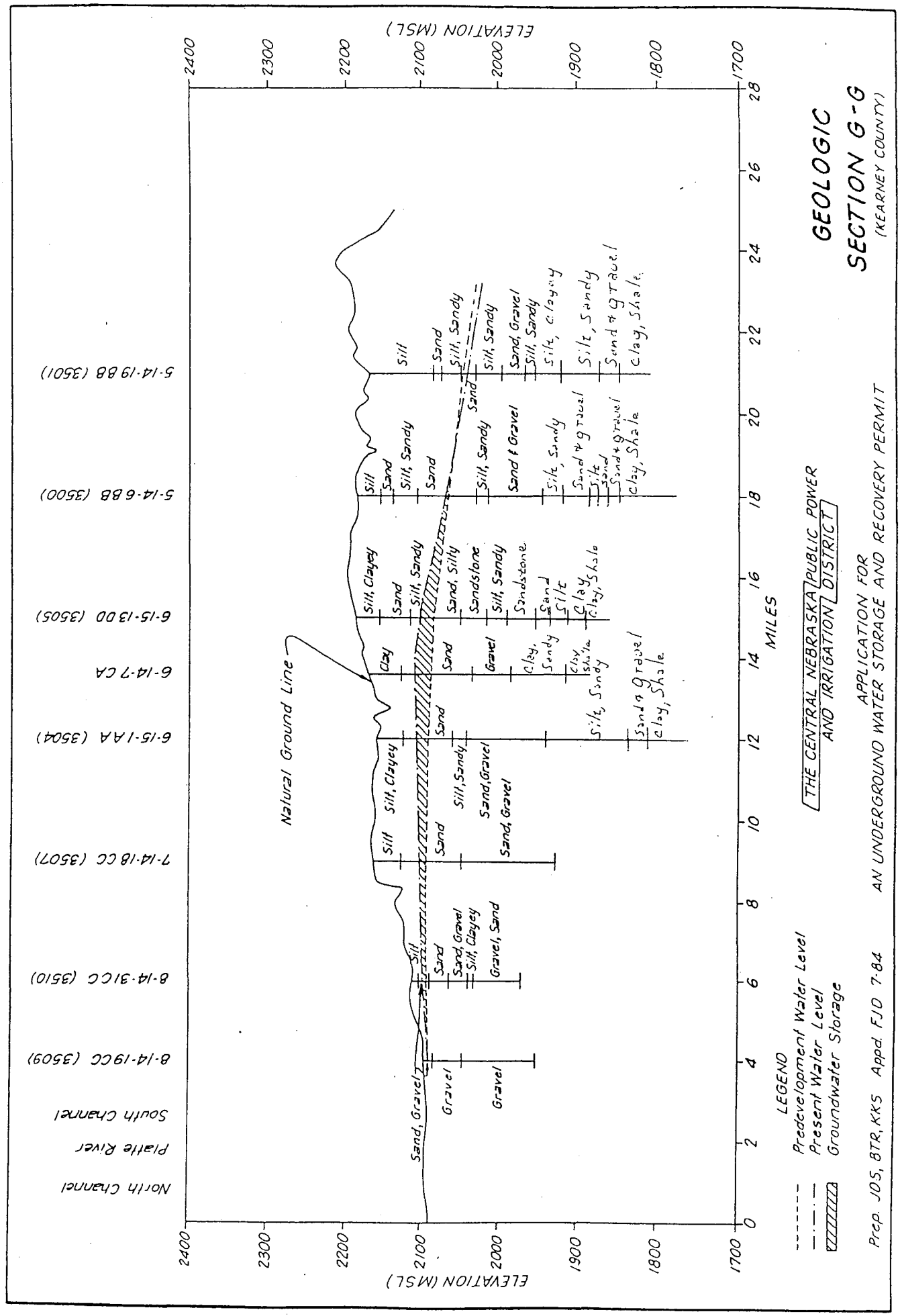
MAP #5

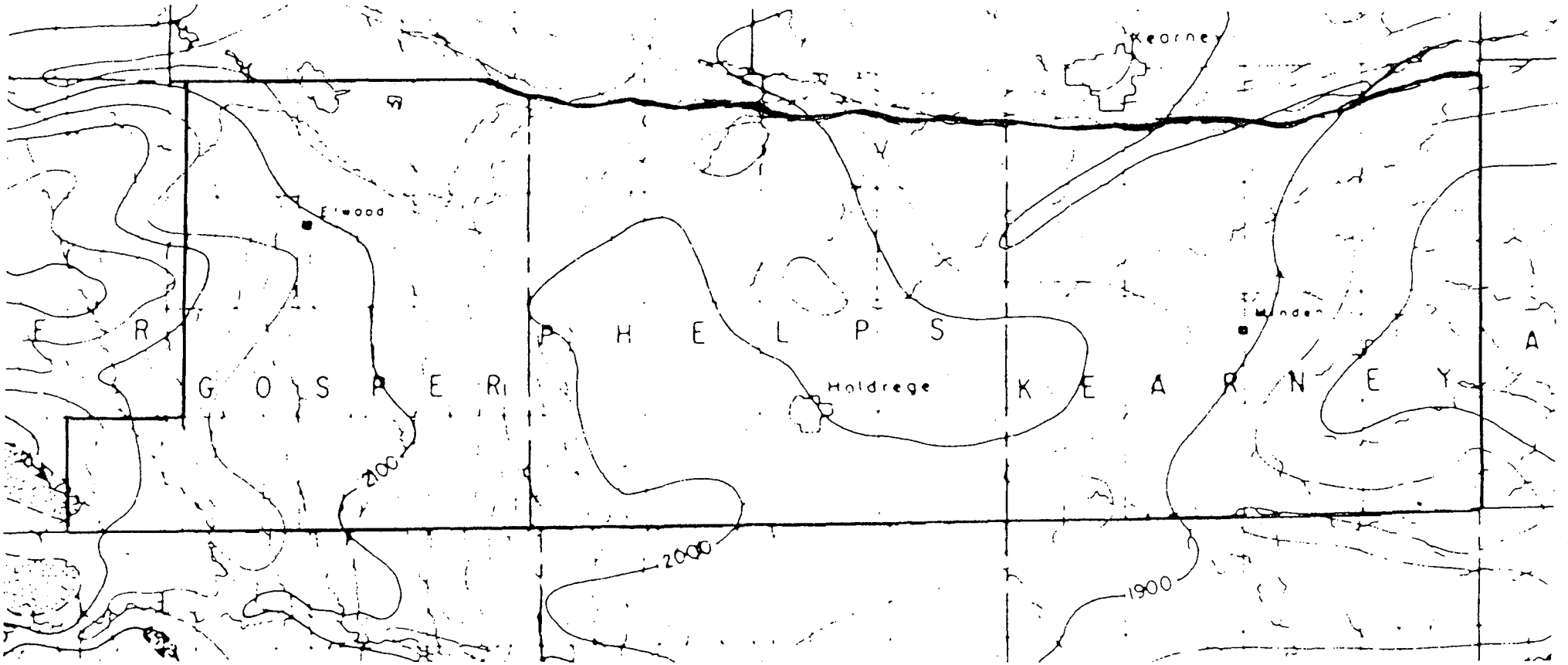

GEOLOGIC
SECTION A-A
APPLICATION FOR
THE CENTRAL NEBRASKA PUBLIC POWER AND IRRIGATION DISTRICT
AN UNDERGROUND WATER STORAGE AND RECOVERY PERMIT
(FRONTIER-GOSPER COUNTY LINE)
Prep. JDS, BTR, KKS Appd. FJD 7-84
LEGEND
Predevelopment Water Table
Present Water Table
Groundwater Storage
Natural Ground Line
ELEVATION (MSL)
MILES
8-24-18A (3516)
8-23-18CC (3531)
7-24-1AD (3515)
7-23-30BB (3529)
6-24-12AA (3514)
6-23-19CC (3526)
5-23-7BB (3520)
5-24-25AA (3521)
5-24-36DD (3522)
Silt
Silt, Clay
Sand, Silt
Silt, Sand
Sand
Silt, Clayey
Silt, Sandy
Sandstone
Clay
Sand, Silty
Sand, Silt
Sand, Silt, Sand
Silt
Gravel
Shale
Clayey Silt
Sandstone
Claystone
Siltstone
Silt, Sandstone
Silt, Sand, Gravel
Silt, Clayey Sand
Silt, Sand
Clay
Shale
Silt & Sand


GEOLOGIC SECTION C-C
(GOSPER COUNTY)
THE CENTRAL NEBRASKA PUBLIC POWER AND IRRIGATION DISTRICT
APPLICATION FOR AN UNDERGROUND WATER STORAGE AND RECOVERY PERMIT
Prep. JOS, BTR, KKS Appd. FJD 7-84
LEGEND
Predevelopment Water Table
Present Water Table
Groundwater Storage
Natural Ground Line
ELEVATION (MSL)
MILES
8-21-19 BB (3530)
7-21-6 BB (3527)
7-21-18 CC (3528)
6-21-7 BB (3525)
6-21-19 CC (3524)
5-22-12 AD (3517)
5-22-25 DD (3518)


Platte River
8-18-21 DD (3554)
7-18-3 BB (3544)
7-18-16 DD (3546)
7-18-33 DD (3547)
6-18-15 CC (3538)
5-18-3 BB (3532)
5-18-22 BB (3533)
Natural Ground Line
ELEVATION (MSL)
MILES
Sand, Gravel
Sandstone
Silt
Sand, Gravel
Silt
Silt
Sand
Silt, Clayey
Sand, Gravel
Silt
Silt
Sand
Silt, Sandy
Sand
Sand, Gravel
Silt, Sandy
Sandstone
Sand, Silty
Sandstone
clay Shale
Silt
Sand
Silt
Sand
Silt, Sandy
Sand, Gravel
Siltstone
Sandstone
Sand
Sandstone
Siltstone
Gravel
clay
clay Shale
Silt
Silt, Sandy
Sand
Silt, Clayey
Sand, Silty
fine Sand
Sand
Sand, Gravel
Sand
Sand, Gravel
Sandstone
Sand
Sandstone
Sand
Clay
Sand & gravel
Silt
clay Shale
LEGEND
Predevelopment Water Table
Present Water Table
Groundwater Storage
THE CENTRAL NEBRASKA PUBLIC POWER AND IRRIGATION DISTRICT
APPLICATION FOR AN UNDERGROUND WATER STORAGE AND RECOVERY PERMIT
GEOLOGIC SECTION E-E
(PHELPS COUNTY)
Prep. JDS, BTR, KKS Appd. FJO 7-84


GEOLOGIC
SECTION F-F
APPLICATION FOR
AN UNDERGROUND WATER STORAGE AND RECOVERY PERMIT
(PHELPS-KEARNEY COUNTY LINE)
THE CENTRAL NEBRASKA PUBLIC POWER
AND IRRIGATION DISTRICT
Prep. JOS, BTR, KKS Appd. FJD 7-84
LEGEND
Predevelopment Water Table
Present Water Table
Groundwater Storage
Natural Ground Line
Platte River
8-17-25AA (3552)
7-17-10A (3541)
7-17-24AA (3542)
7-17-3600 (3543)
6-17-1300 (3537)
5-16-688 (3502)
5-16-19BB (3503)
MILES
2500
2400
2300
2200
2100
2000
1900
1800
Silt
Sand
Sand, Gravel
Clay
Silt, Clayey
Sandstone
Silt, Sandy
Sand, Silty
Sand & clay
Silt, clayey
Silt, Sandy
Clay, Shale
Shale
Sand, Silty
Silt, Sandy
Clay


GEOLOGIC SECTION G-G
(KEARNEY COUNTY)
THE CENTRAL NEBRASKA PUBLIC POWER AND IRRIGATION DISTRICT
APPLICATION FOR AN UNDERGROUND WATER STORAGE AND RECOVERY PERMIT
Prep. JOS, BTR, KKS Appd. FJD 7-84
LEGEND
Predevelopment Water Level
Present Water Level
Groundwater Storage
ELEVATION (MSL)
MILES
Natural Ground Line
North Channel
Platte River
South Channel
5-14-19 BB (3501)
5-14-6 BB (3500)
6-15-13 DD (3505)
6-14-7 CA
6-15-1 AA (3504)
7-14-18 CC (3507)
8-14-31 CC (3510)
8-14-19 CC (3509)



CONFIGURATION OF BASE OF PRINCIPAL AQUIFER, NEBRASKA — 1979

EXPLANATION

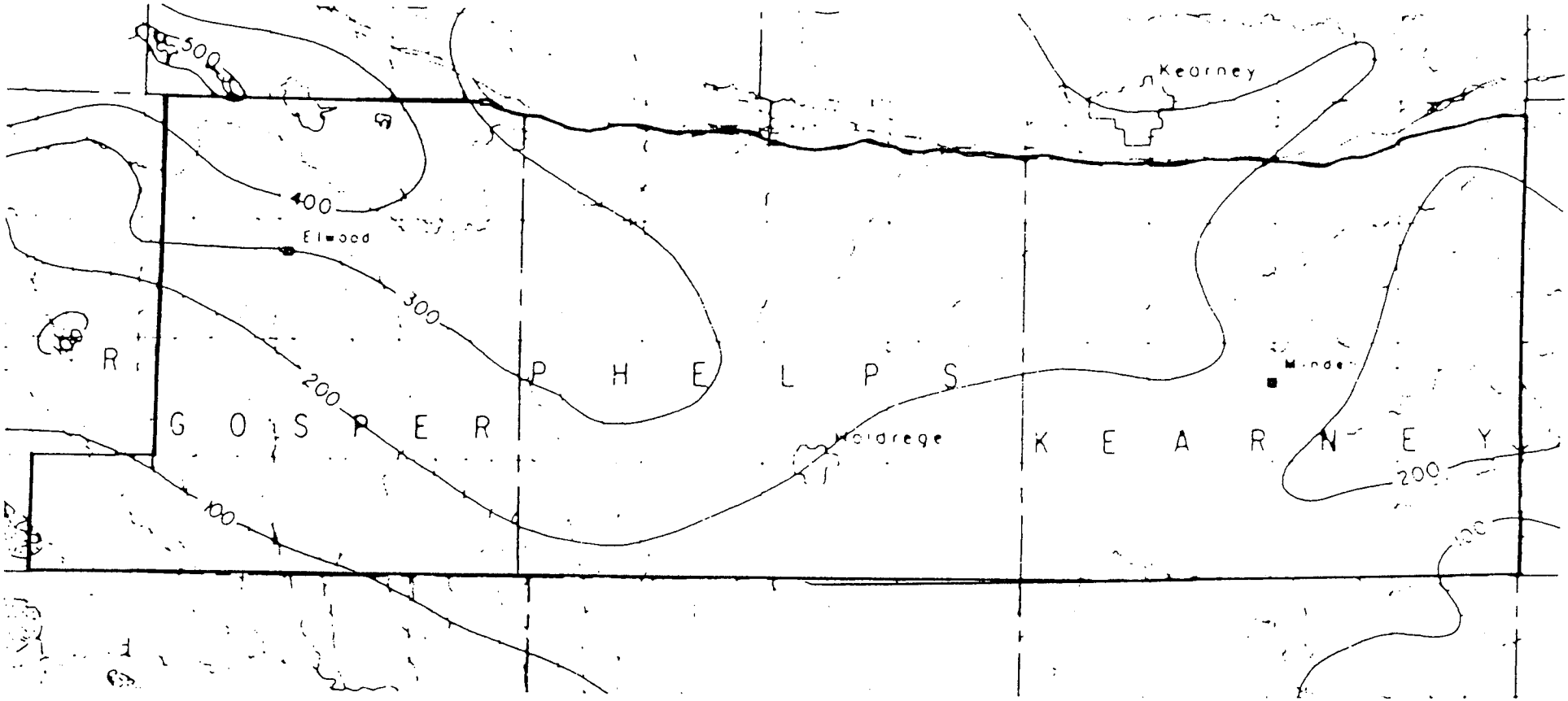
4300

Base-of-aquifer contours

Contour interval 100 feet with supplementary 50-foot contours. Datum is mean sea level. Contours also portray configuration of top of fine texture (not water yielding) rock of Cretaceous, Tertiary, or Quaternary age, whichever is encountered first in drilling.

Principal aquifer absent or very thin

Conservation and Survey Division
Institute of Agriculture and Natural Resources
The University of Nebraska–Lincoln
1980



THICKNESS OF PRINCIPAL AQUIFER
NEBRASKA—1979

EXPLANATION

200

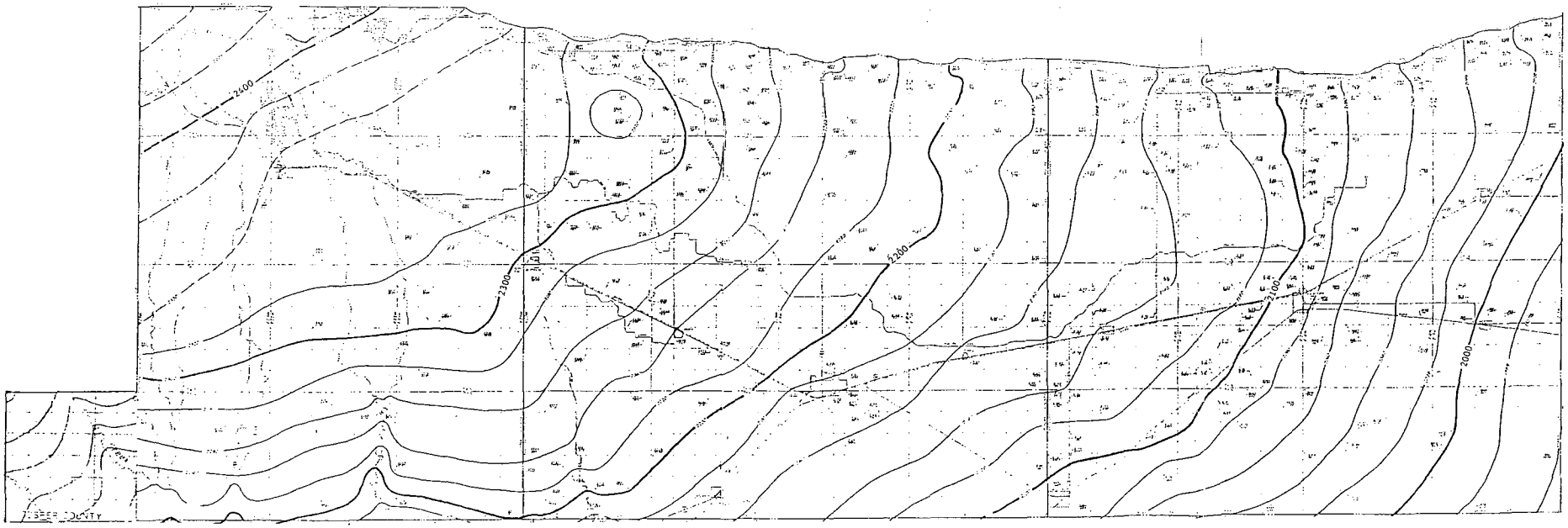
Line of equal thickness
(Contour interval 100 feet)

Principal aquifer absent or very thin

Conservation and Survey Division
Institute of Agriculture and Natural Resources
The University of Nebraska—Lincoln
1980

MAP #12

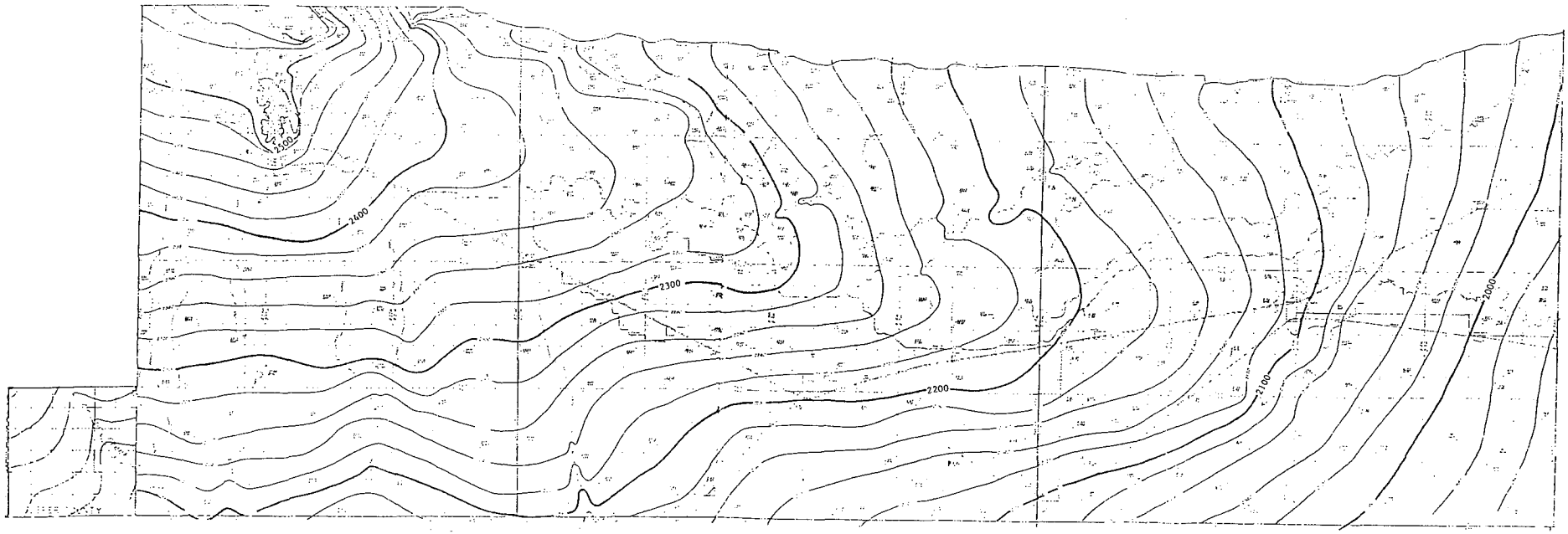
MAP #13



APPLICATION FOR
AN UNDERGROUND WATER STORAGE AND RECOVERY PERMIT

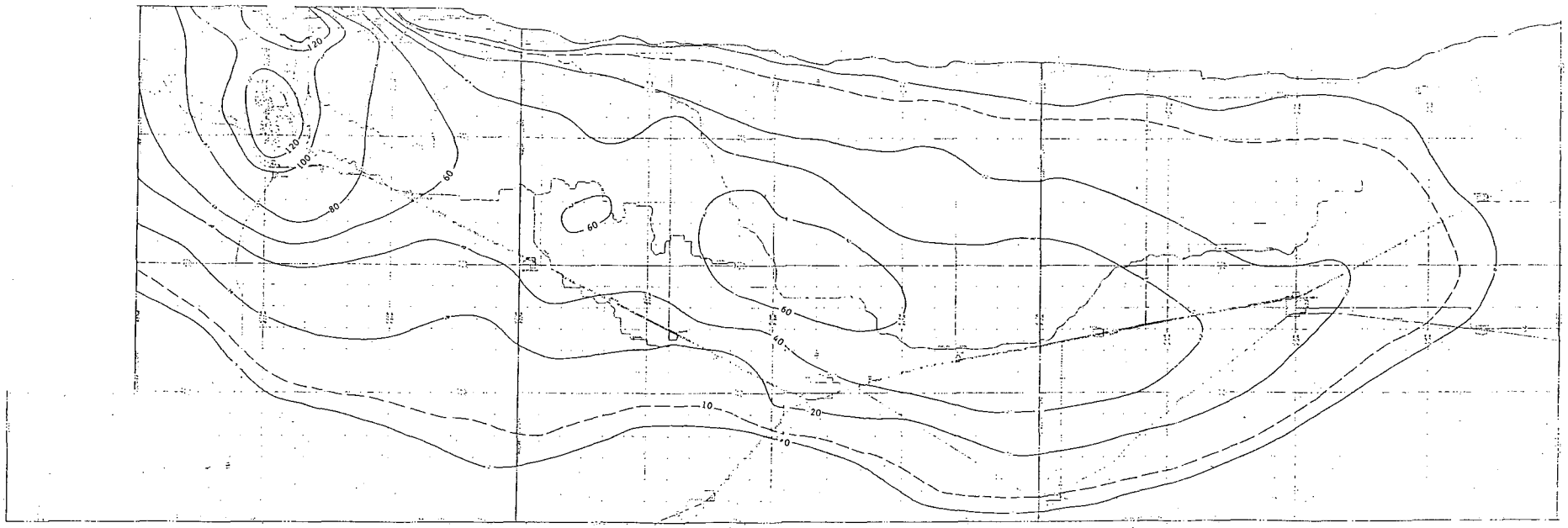
MAP 2 OF 5

PREDEVELOPMENT WATER TABLE



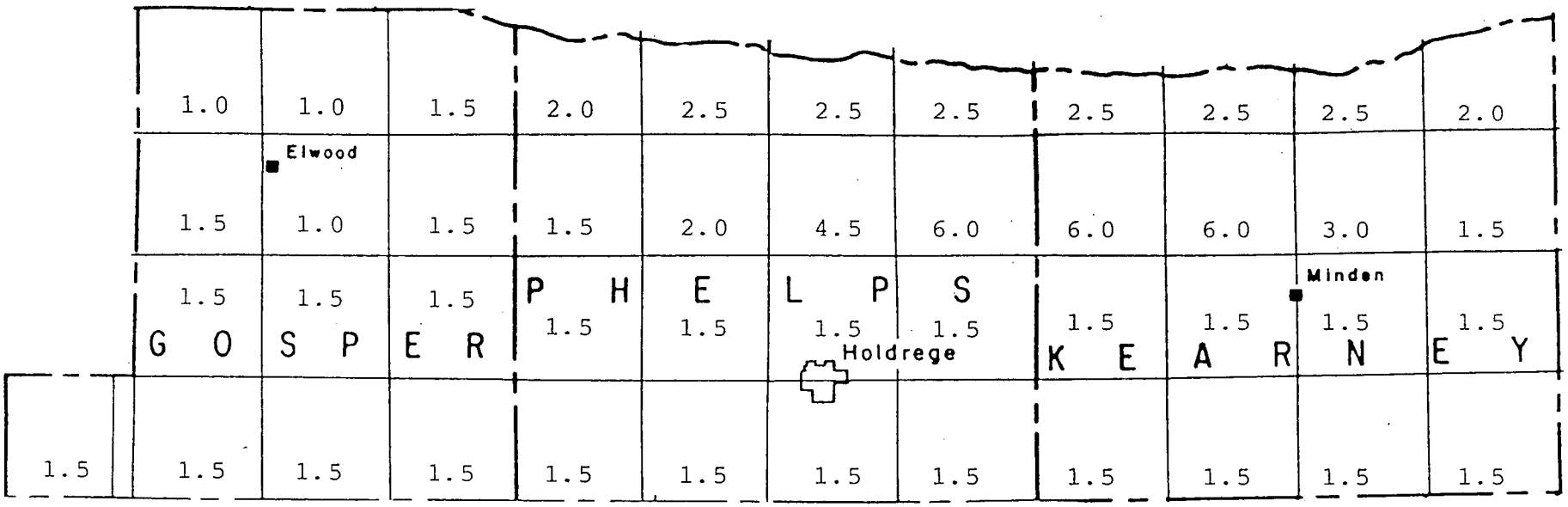
MAP 3 OF 5
PRESENT WATER TABLE (1983)

MAP #15



AREA IN NRD WHERE GROUNDWATER IN STORAGE HAS BEEN INFLUENCED BY RECHARGE FROM THE TRI-COUNTY SYSTEM. CONTOUR LINES REPRESENT FEET OF RISE IN GROUNDWATER LEVEL SINCE PRE-DEVELOPMENT

THE CENTRAL NEBRASKA PUBLIC POWER AND IRRIGATION DISTRICT
APPLICATION FOR
AN UNDERGROUND WATER STORAGE AND RECOVERY PERMIT
MAP 4 OF 5
GROUNDWATER STORAGE
Prepared 7-84 PEK, STF, KVS Approved 7-84 FJO



AVERAGE ANNUAL RECHARGE PER ACRE FROM PRECIPITATION
(In Inches)

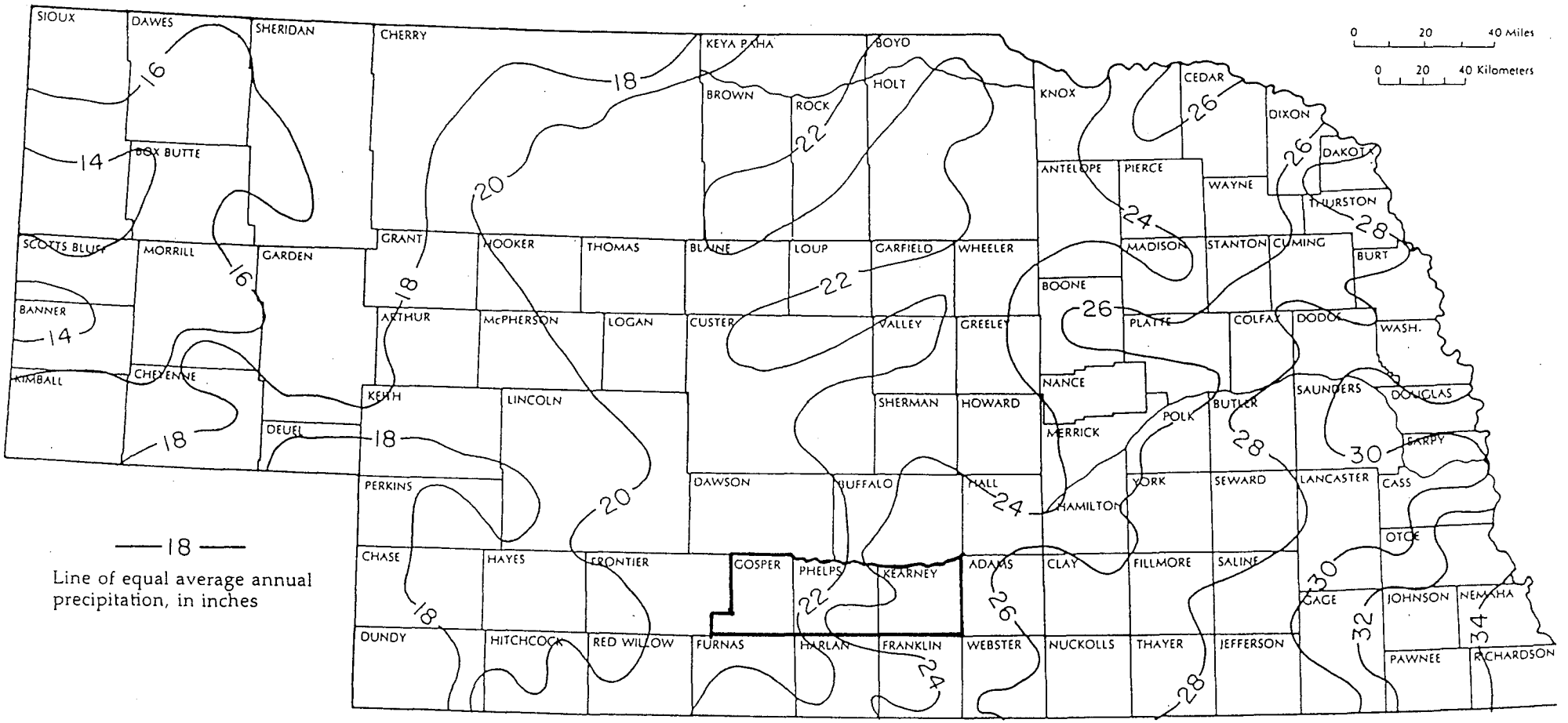
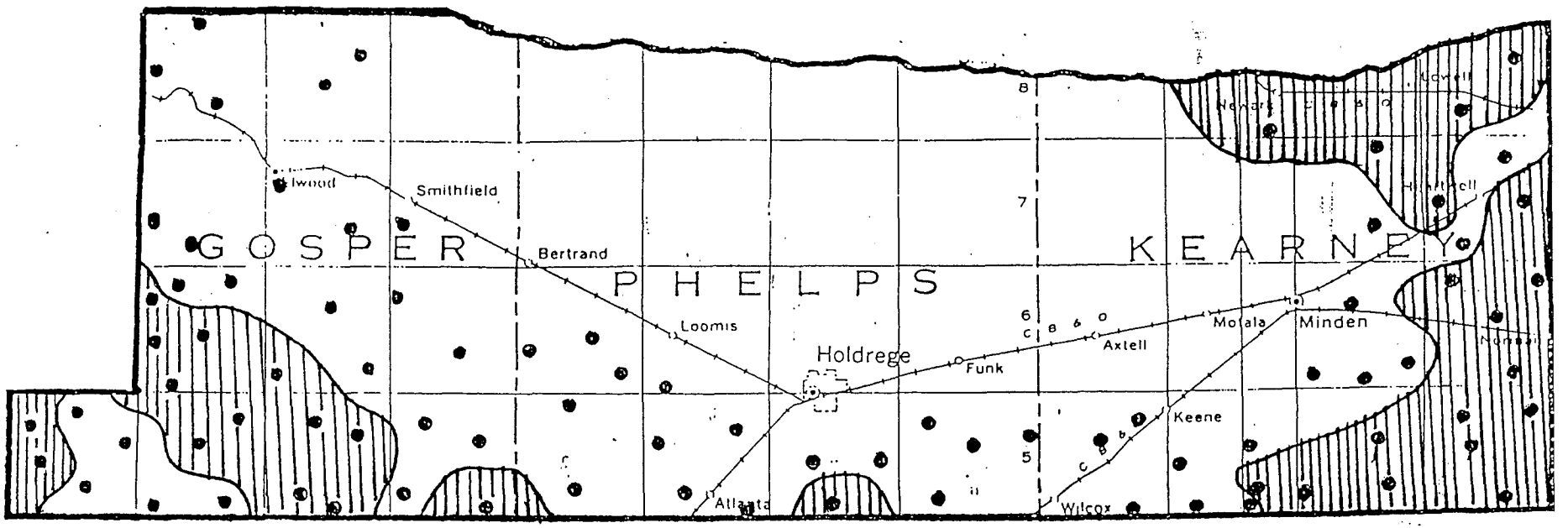


Figure 4. Average annual precipitation for Nebraska, 1951-80



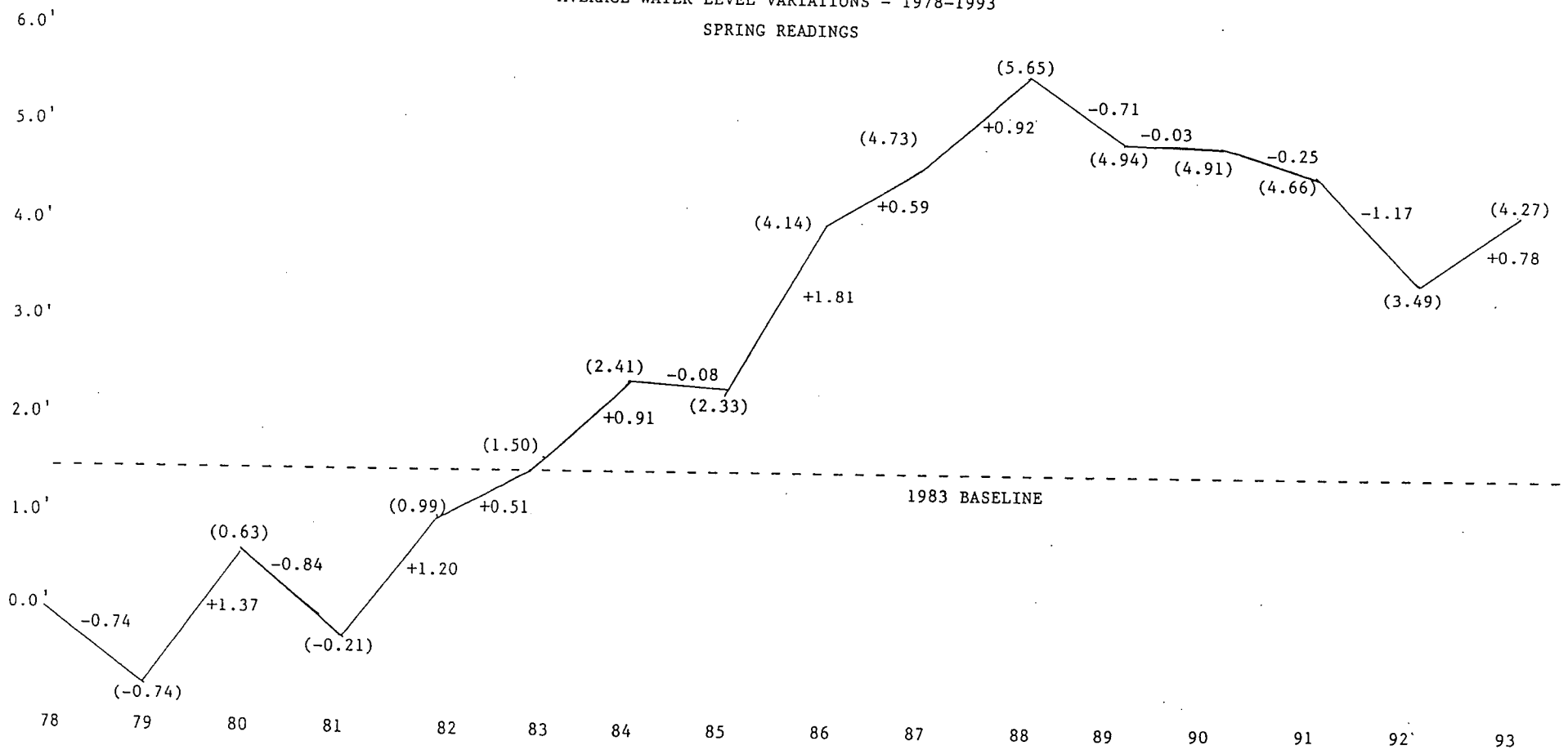
TRI-BASIN NATURAL RESOURCES DISTRICT

WELL MONITORING SYSTEM

SHADED AREAS ARE AREAS WHERE STATIC WATER LEVELS HAVE DECLINED SINCE SPRING 1983

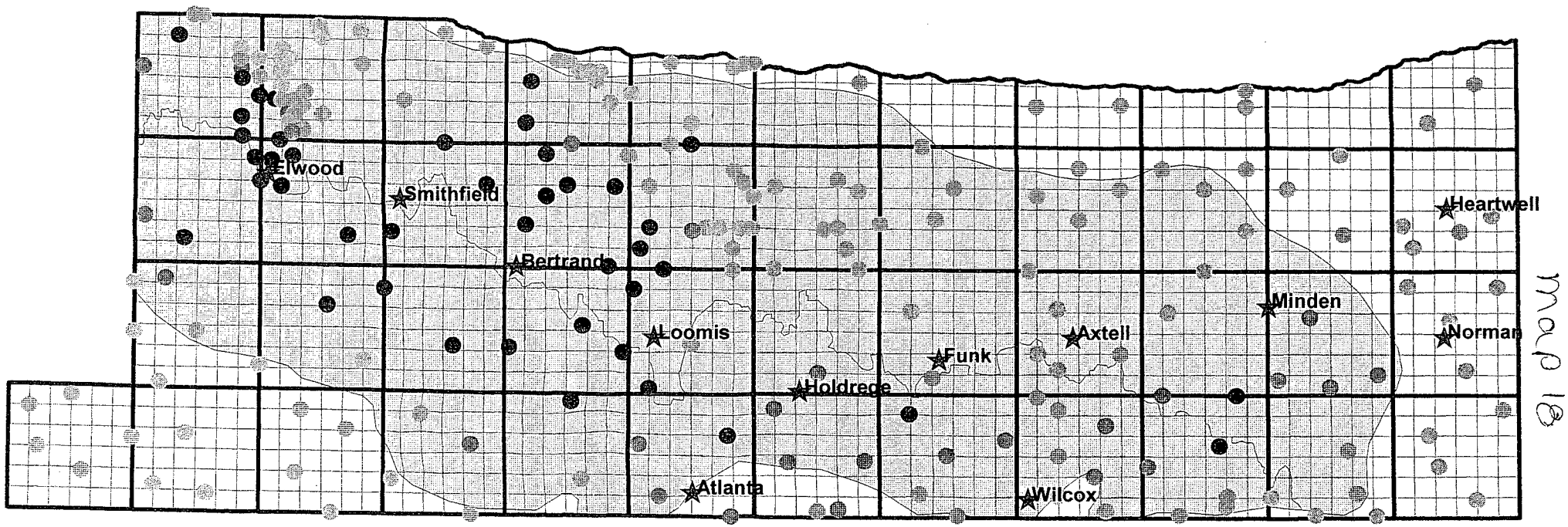
TRI - BASIN
NATURAL RESOURCES DISTRICT

AVERAGE WATER LEVEL VARIATIONS - 1978-1993
SPRING READINGS



GRAPH #19

Change in Avg. Static Water Levels (1981-1985 to 2001-2003)



map 18

Key to Features

- Groundwater mound
- Townships
- Sections

Change in SWL

Incline (+) ●●●●●●●●●●●●●●●●●●●● Decline (-)

(5 Foot Intervals)

N
W E
S

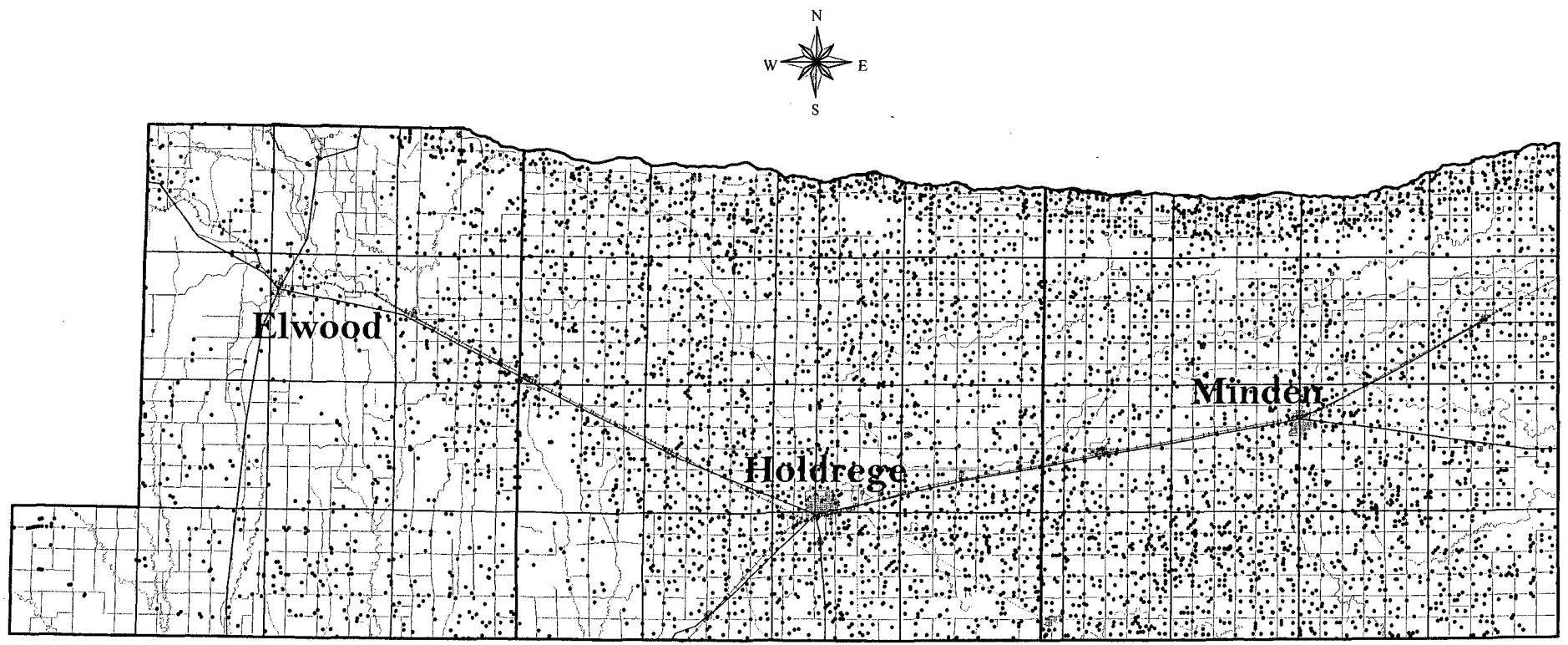
10 0 10 20 30 Miles

Map by: Roger David
Tri-Basin NRD
4/04

DNR 005785

Map 19

Registered Wells Through 2001
State of Nebraska
Tri-Basin Natural Resources District



Legend:

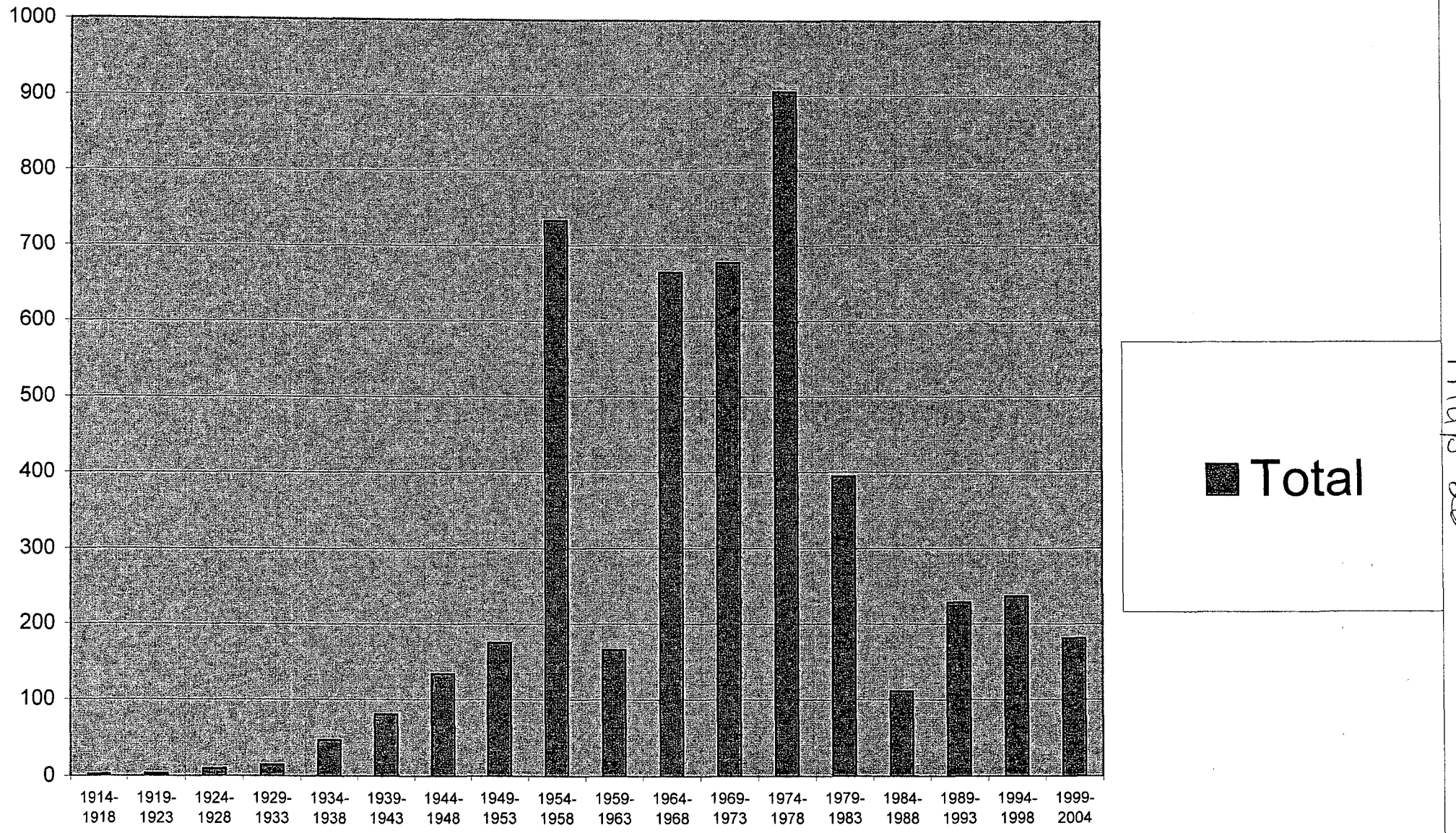
- Irrigation Wells
- Municipal Wells
- Commercial Wells
- Observation and Monitoring Wells
- Primary Highways
- Secondary Highways
- County and Connecting Roads
- Railroad
- County Boundary
- Major Creeks and Streams

6 0 6 12 Miles

Information Source:

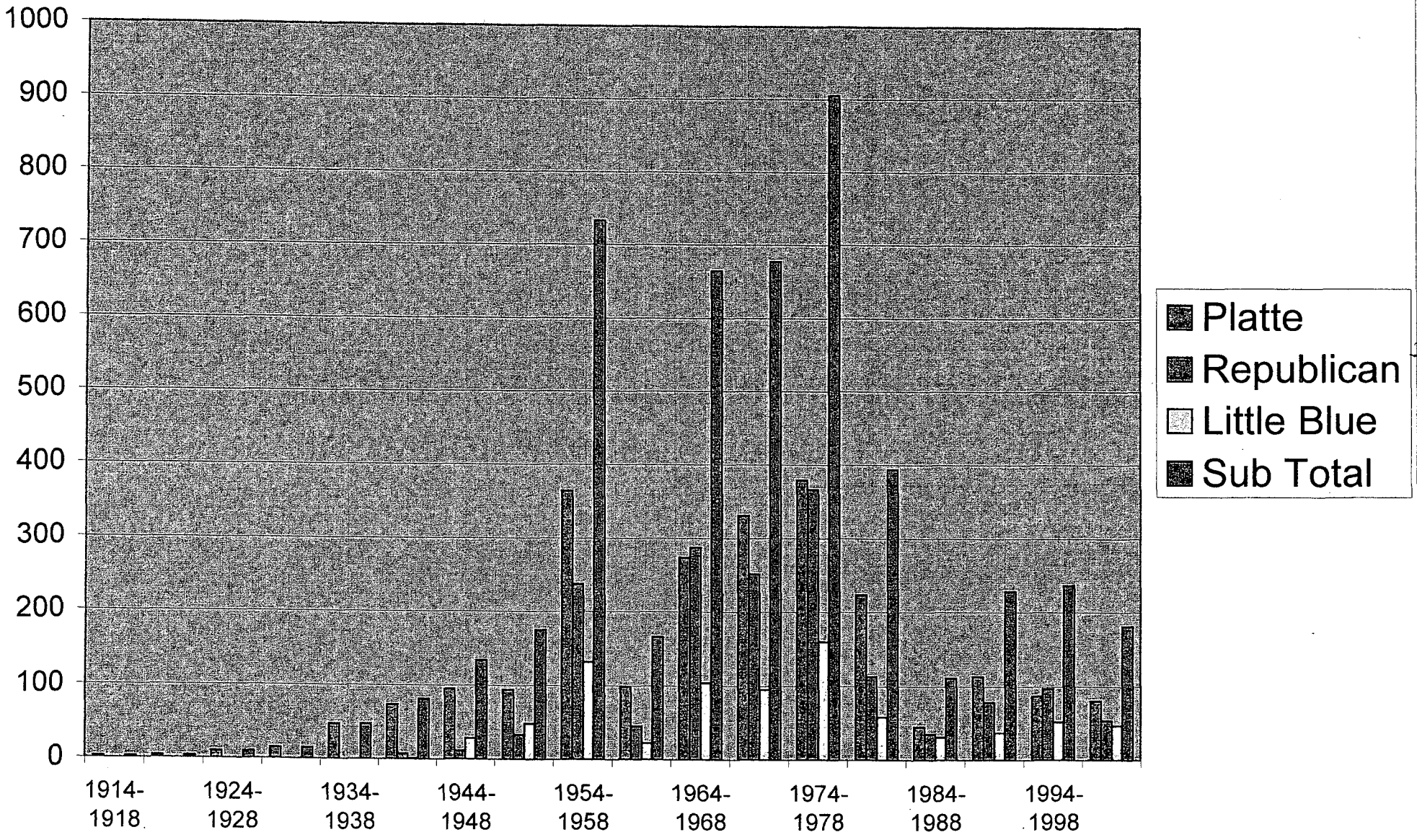
Produced By - Tri-Basin Natural Resources District
Well Data - COHYST Web Data Bank
Processed - January, 2004

Tri-Basin Well Development
Irrigation Wells - January 21, 2004



Map 20

Tri-Basin Well Development by Basin
Irrigation Wells - January 21, 2004



Map 20 A