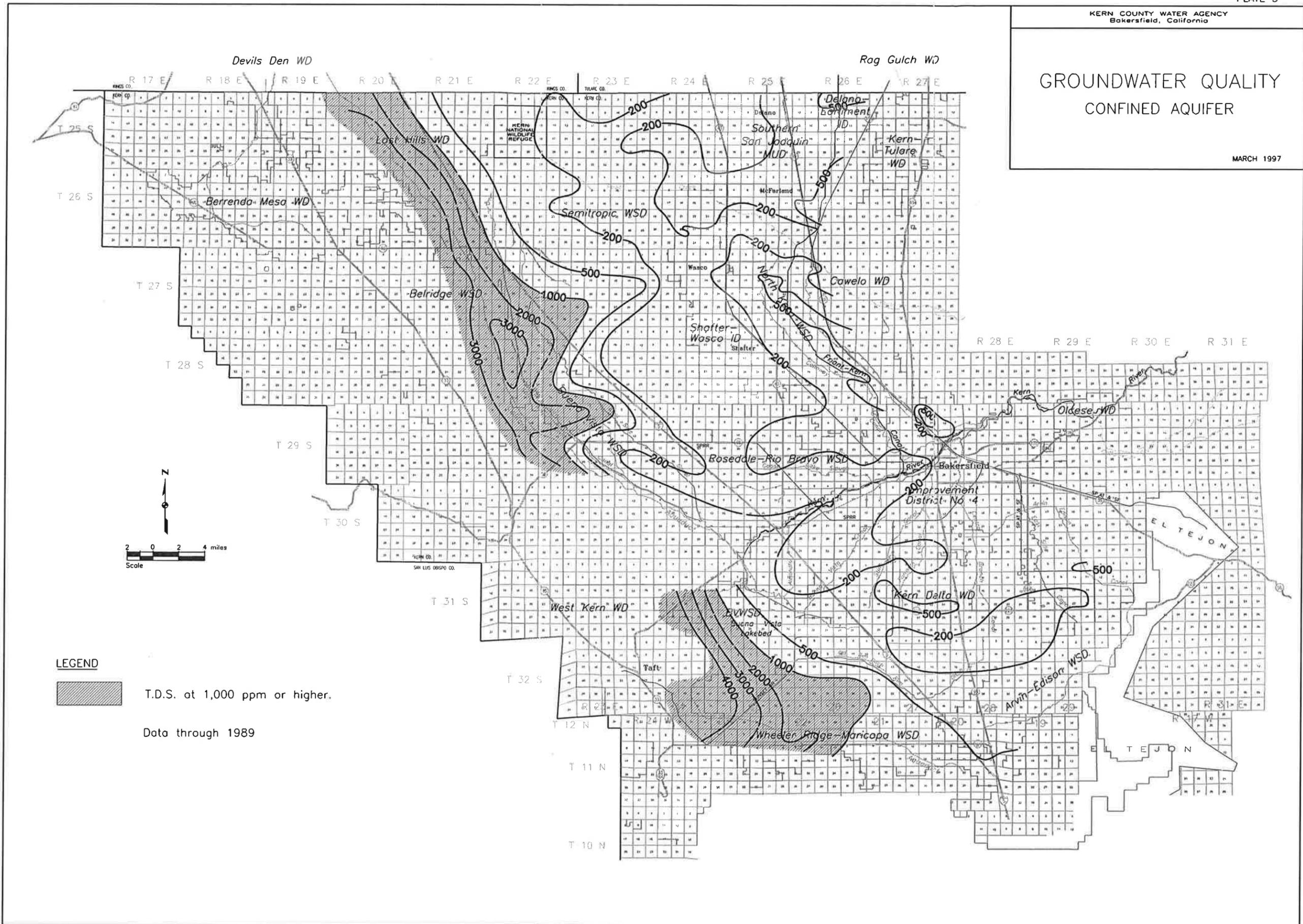


GROUNDWATER QUALITY CONFINED AQUIFER

MARCH 1997



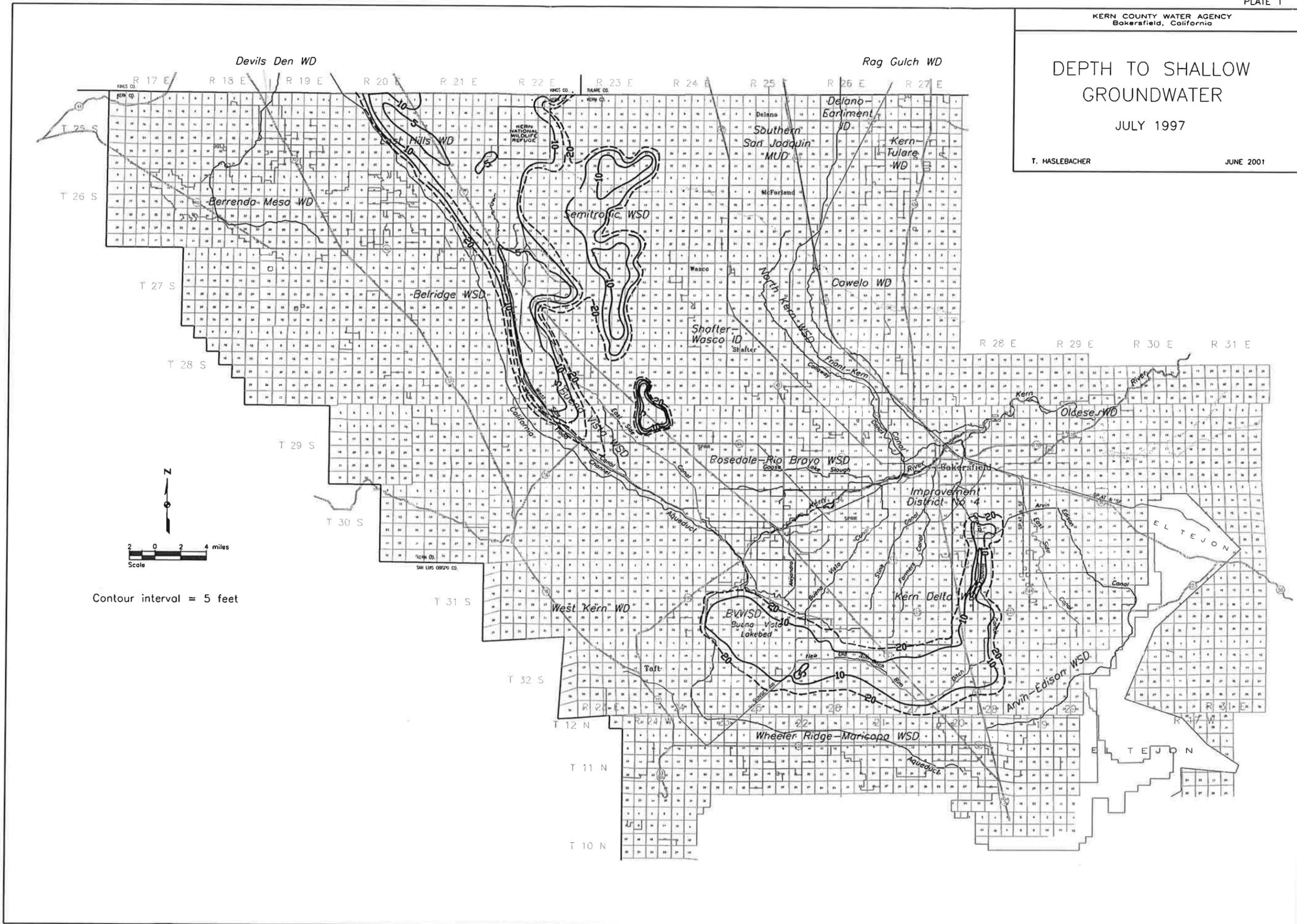
KERN COUNTY WATER AGENCY
Bakersfield, California

DEPTH TO SHALLOW GROUNDWATER

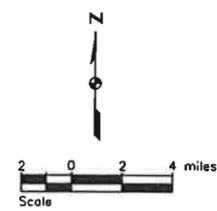
JULY 1997

T. HASLEBACHER

JUNE 2001



Contour interval = 5 feet



GROUNDWATER QUALITY UNCONFINED AQUIFER

JULY 1997

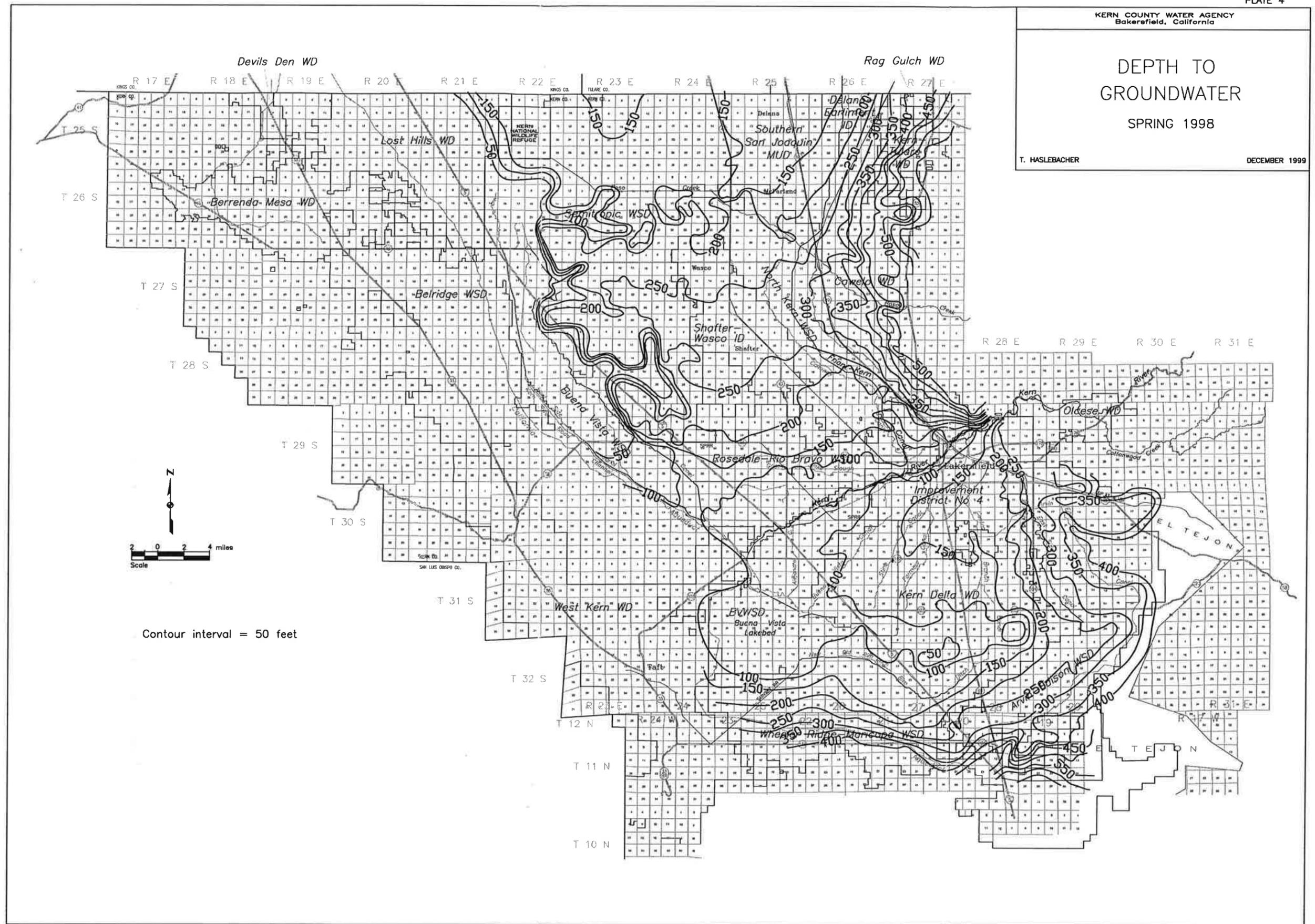


KERN COUNTY WATER AGENCY
Bakersfield, California

DEPTH TO GROUNDWATER SPRING 1998

T. HASLEBACHER

DECEMBER 1999

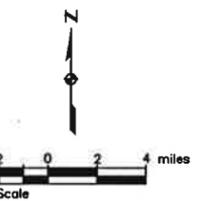
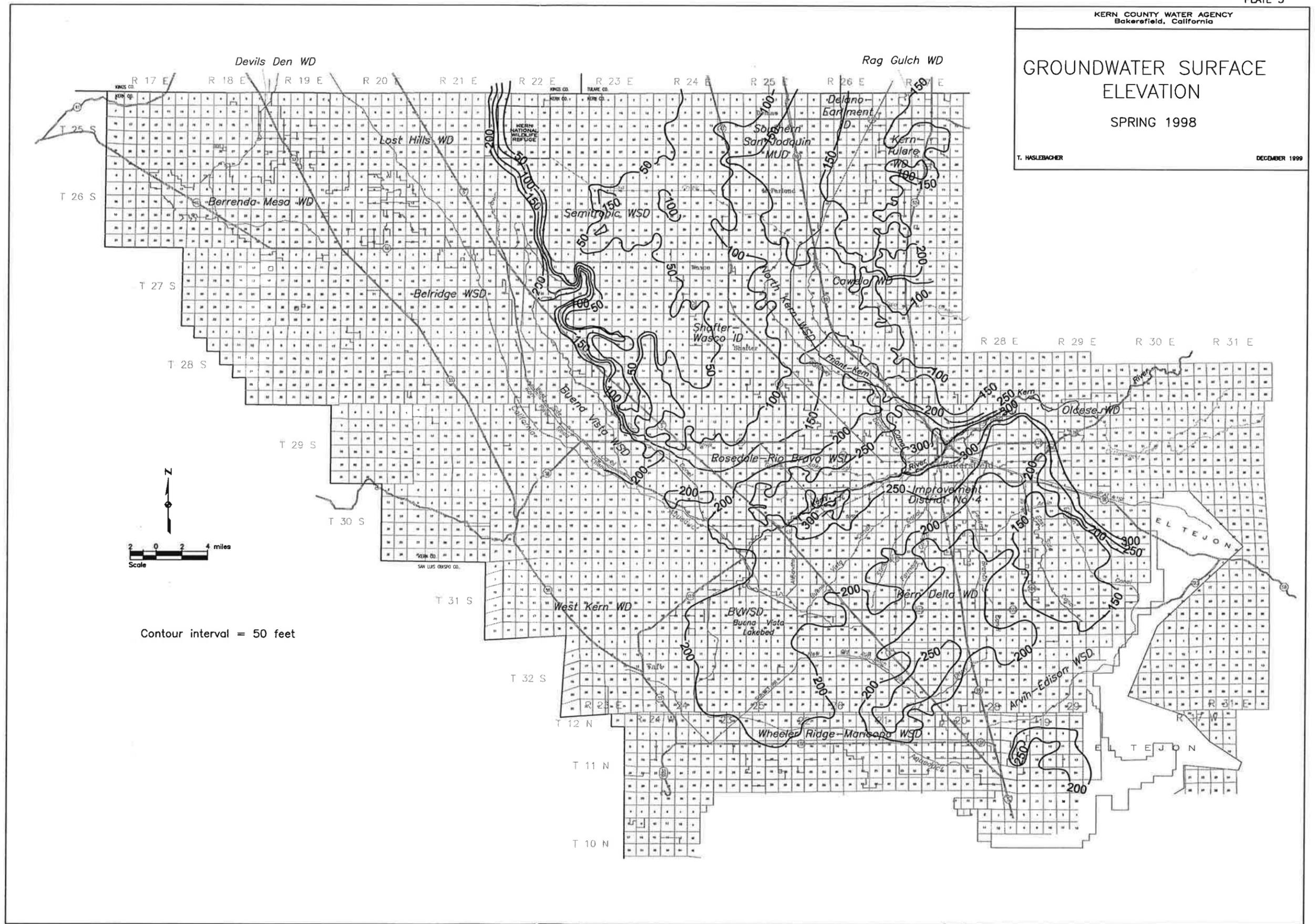


KERN COUNTY WATER AGENCY
Bakersfield, California

GROUNDWATER SURFACE ELEVATION SPRING 1998

T. HASLEBACHER

DECEMBER 1999



Contour interval = 50 feet

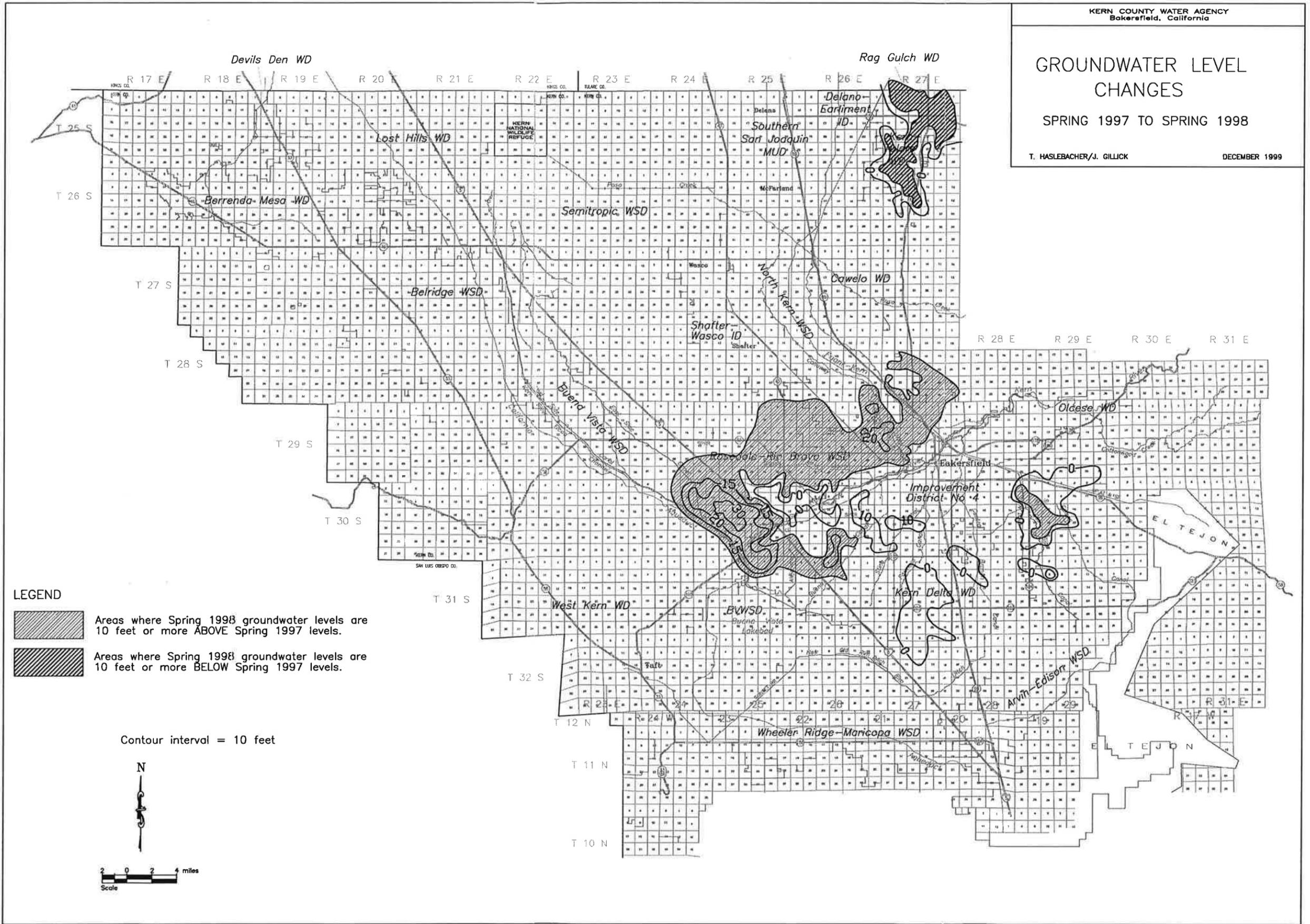
KERN COUNTY WATER AGENCY
Bakersfield, California

GROUNDWATER LEVEL CHANGES

SPRING 1997 TO SPRING 1998

T. HASLEBACHER/J. GILICK

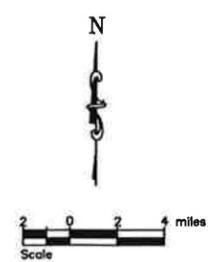
DECEMBER 1999

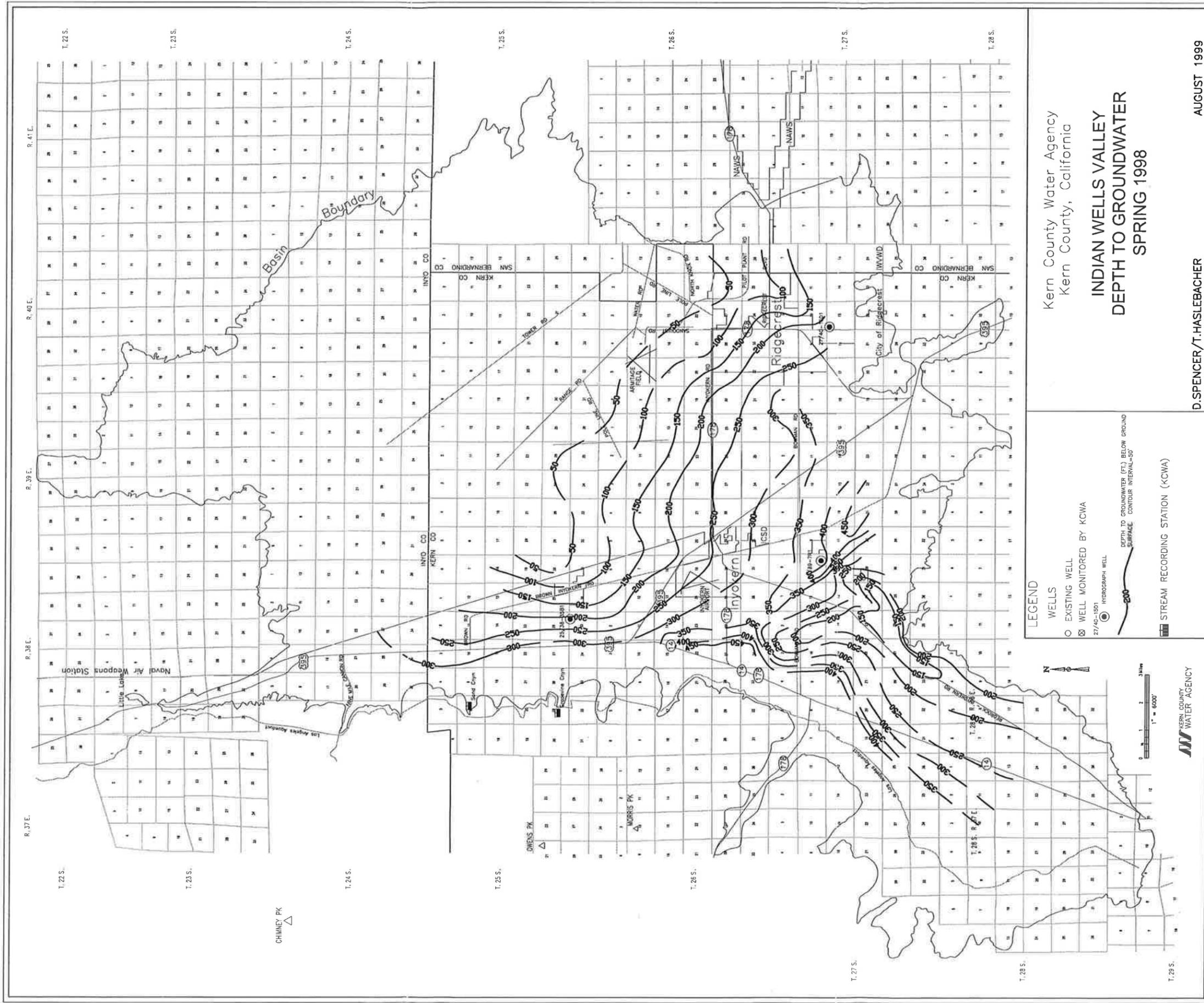


LEGEND

-  Areas where Spring 1998 groundwater levels are 10 feet or more ABOVE Spring 1997 levels.
-  Areas where Spring 1998 groundwater levels are 10 feet or more BELOW Spring 1997 levels.

Contour interval = 10 feet





Kern County Water Agency
 Kern County, California

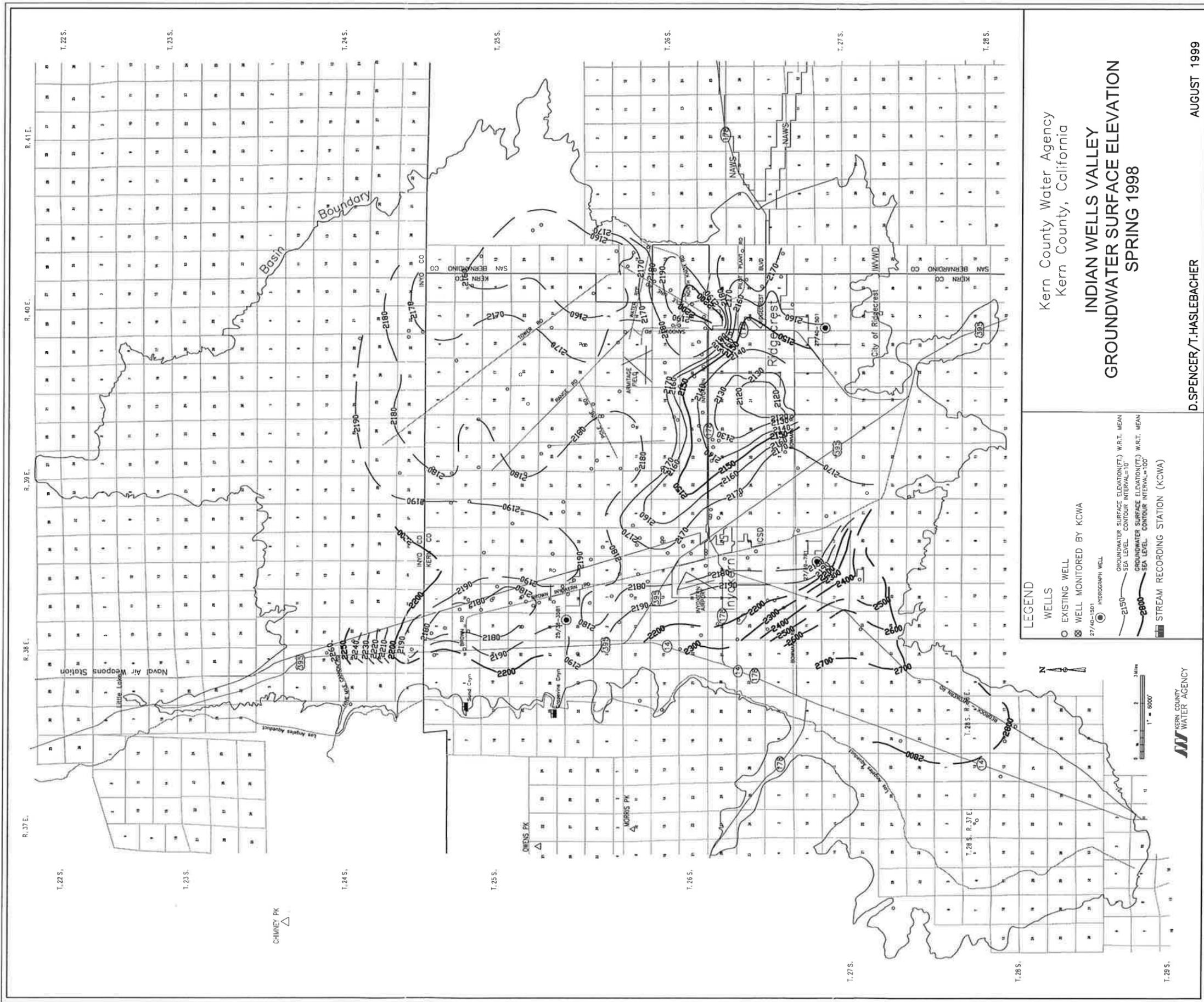
INDIAN WELLS VALLEY DEPTH TO GROUNDWATER SPRING 1998

LEGEND

- EXISTING WELL
- ⊗ WELL MONITORED BY KCWA
- ⊙ HYDROGRAPH WELL
- DEPTH TO GROUNDWATER (FT.) BELOW GROUND SURFACE CONTOUR INTERVAL-50
- ▬ STREAM RECORDING STATION (KCWA)



KERN COUNTY
 WATER AGENCY



Kern County Water Agency
 Kern County, California

**INDIAN WELLS VALLEY
 GROUNDWATER SURFACE ELEVATION
 SPRING 1998**

D.SPENCER/T.HASLEBACHER

AUGUST 1999

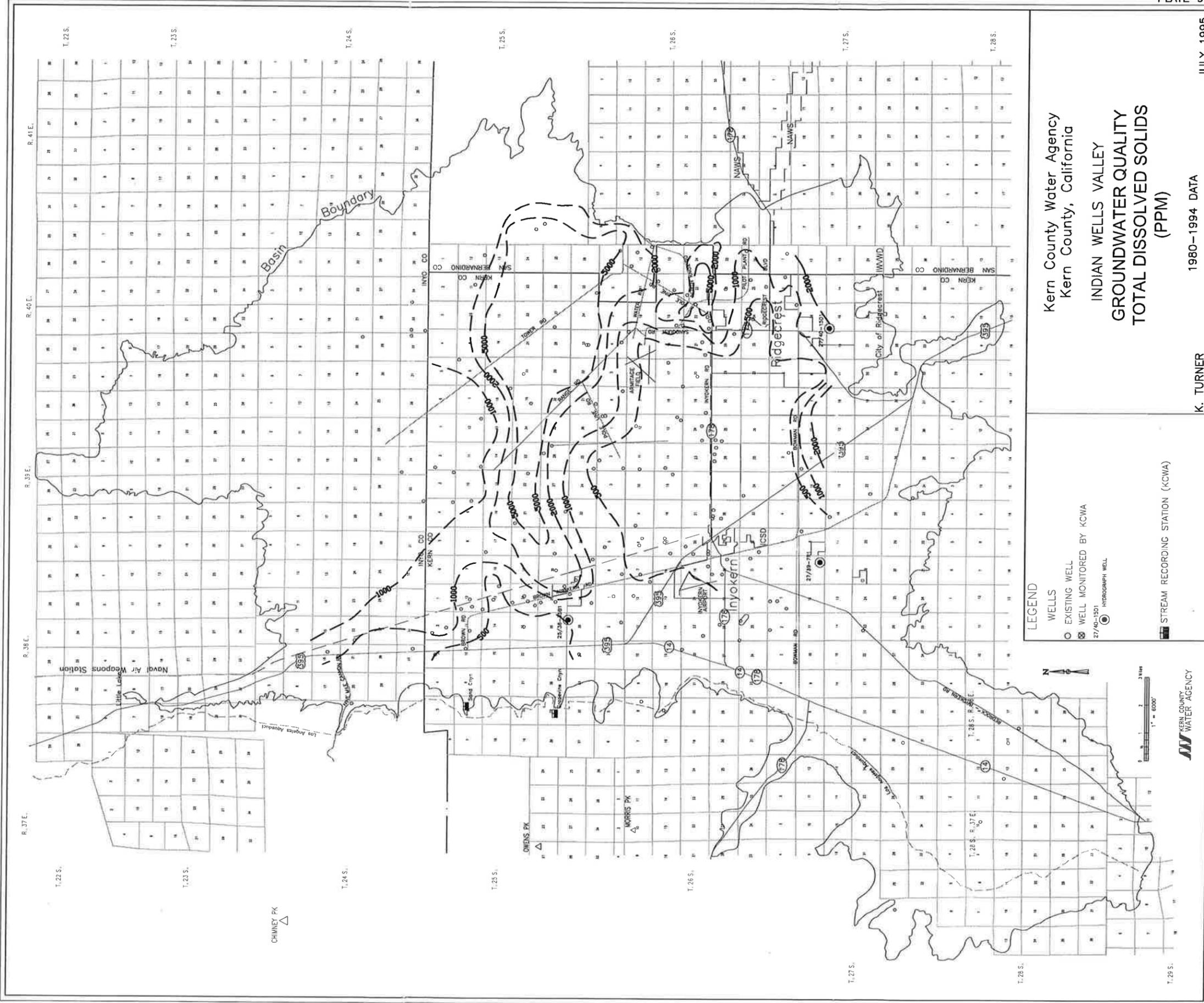
LEGEND

- EXISTING WELL
- ⊗ WELL MONITORED BY KCWA
- ⊙ HYDROGRAPH WELL
- 2150' GROUNDWATER SURFACE ELEVATION (FT.) W.R.T. MEAN SEA LEVEL. CONTOUR INTERVAL=10'
- 2800' GROUNDWATER SURFACE ELEVATION (FT.) W.R.T. MEAN SEA LEVEL. CONTOUR INTERVAL=100'
- ▣ STREAM RECORDING STATION (KCWA)



1" = 6000'

KERN COUNTY WATER AGENCY



Kern County Water Agency
 Kern County, California
 INDIAN WELLS VALLEY
 GROUNDWATER QUALITY
 TOTAL DISSOLVED SOLIDS
 (PPM)

- LEGEND
- EXISTING WELL
 - ⊗ WELL MONITORED BY KCWA
 - ⊙ 27/NO-3501 HYDROGRAPH WELL
 - STREAM RECORDING STATION (KCWA)



1980-1994 DATA

K. TURNER

JULY 1995

