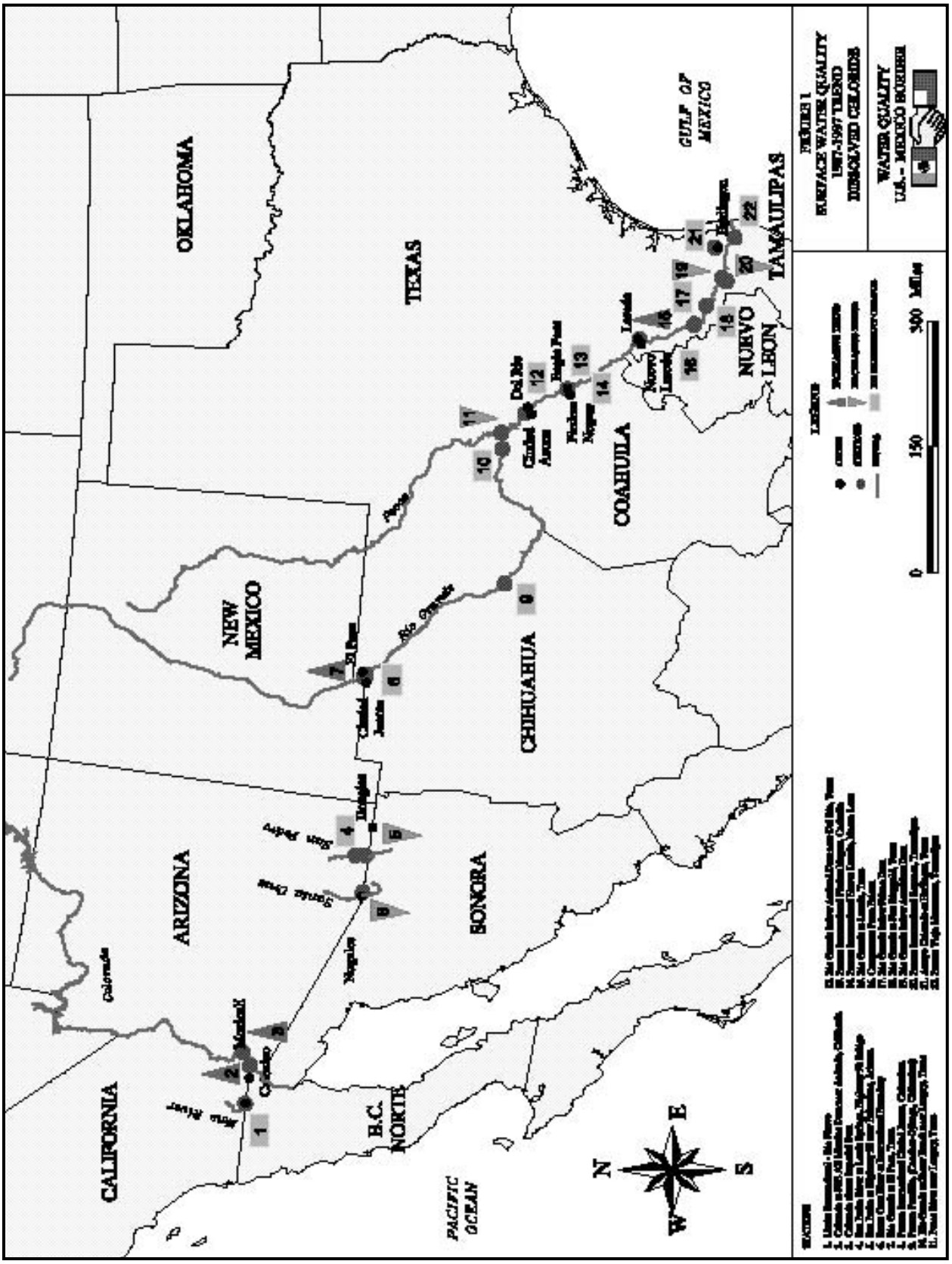
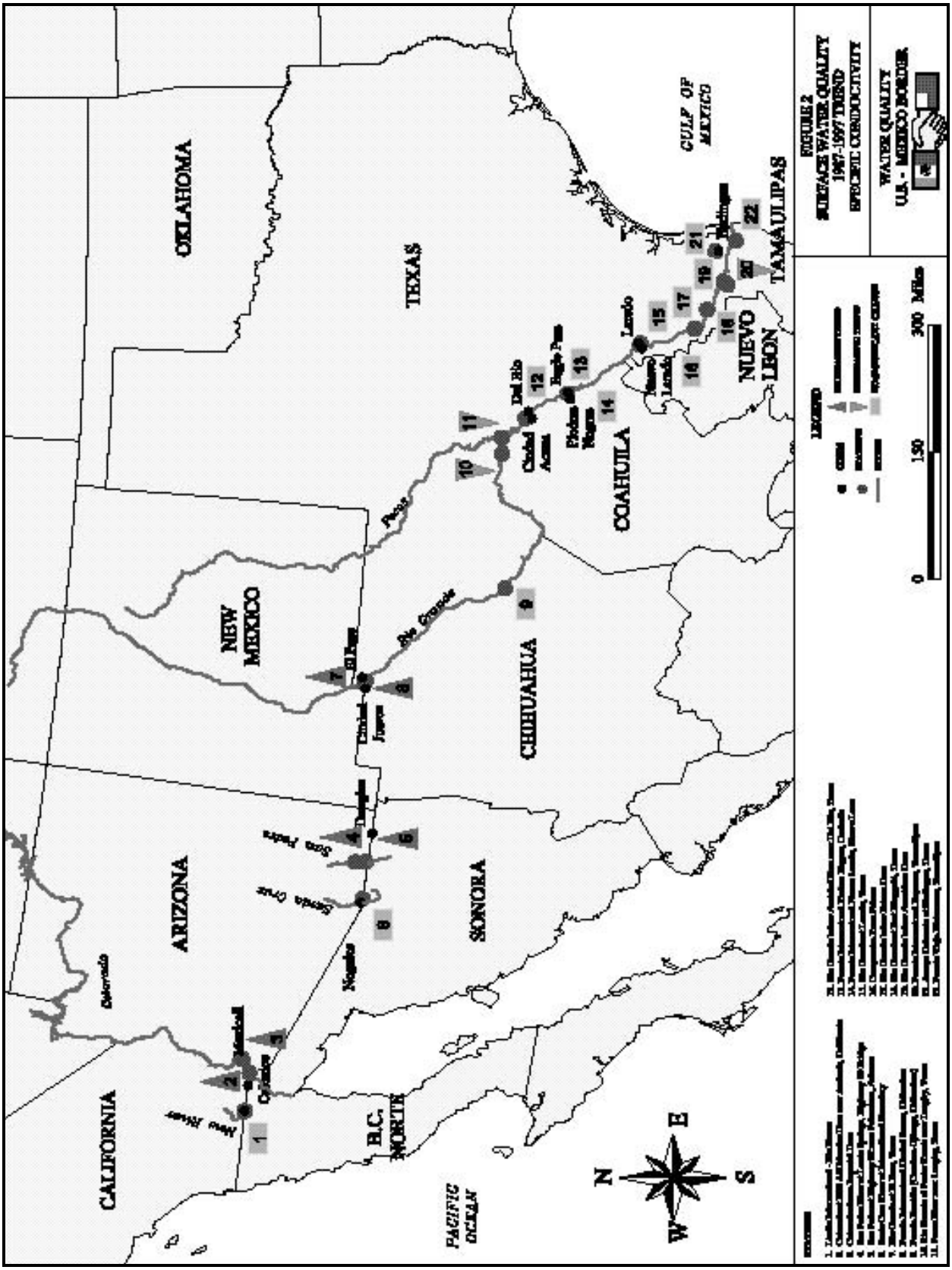
APPENDIX 14
SURFACE WATER QUALITY MAPS

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ARIZONA
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OKLAHOMA
TEXAS
SONORA
CHIHUAHUA
COAHUILA
NUEVO LEON
TAMAULIPAS
B.C. NORTE
PACIFIC OCEAN
GULF OF MEXICO
Colorado
Rio Grande
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Nogales
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Ciudad Juarez
El Paso
Ciudad Acuña
Del Rio
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Laredo
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LEGEND
FIGURE 2
SURFACE WATER QUALITY
1987-1997 TREND
SPECIFIC CONDUCTIVITY
WATER QUALITY
U.S. - MEXICO BORDER

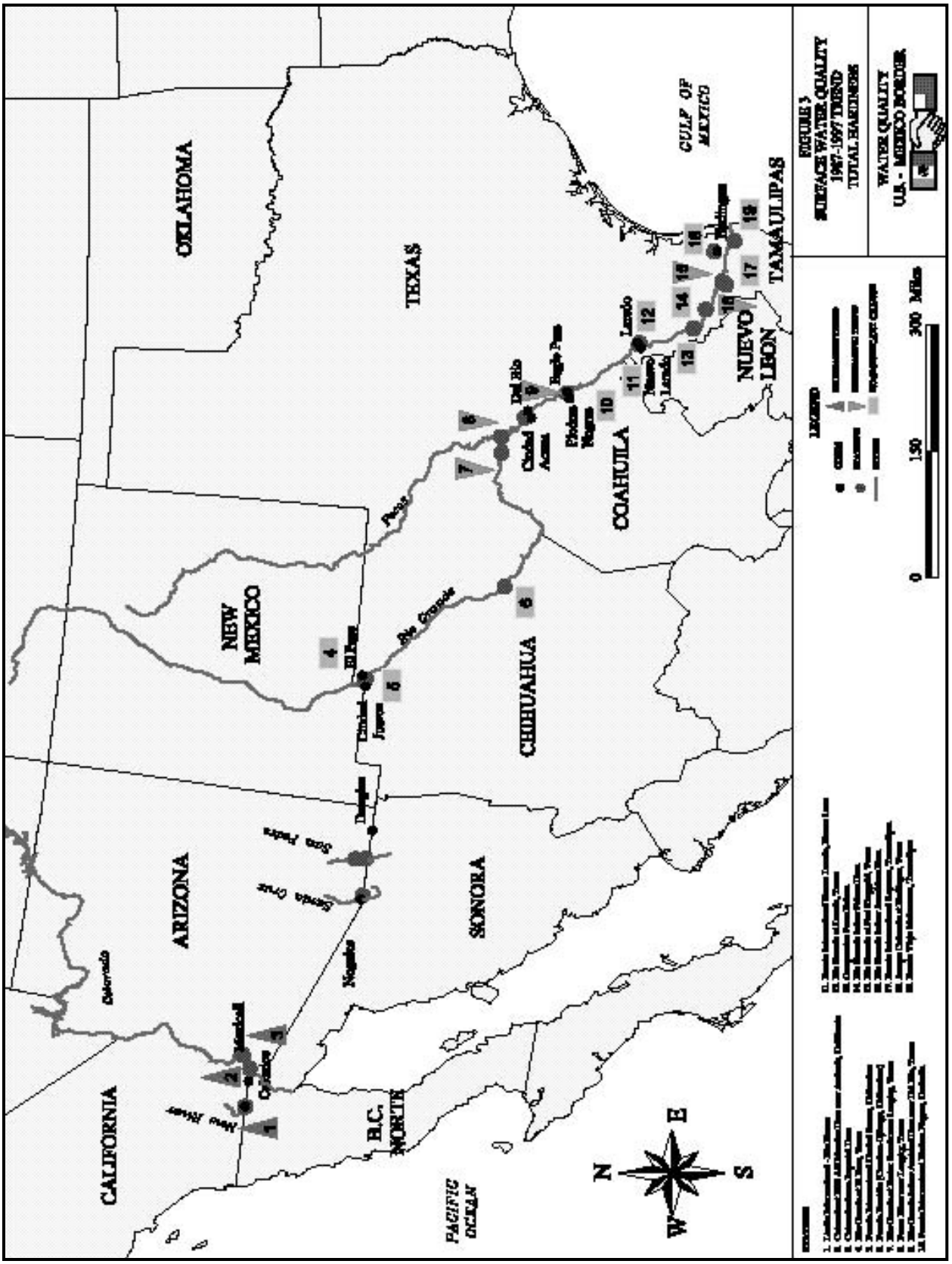
FIGURE 3
SURFACE WATER QUALITY
1987-1997 TREND
TOTAL HARDNESS
WATER QUALITY
U.S. - MEXICO BORDER
LEGEND
0
150
300 Miles
CALIFORNIA
ARIZONA
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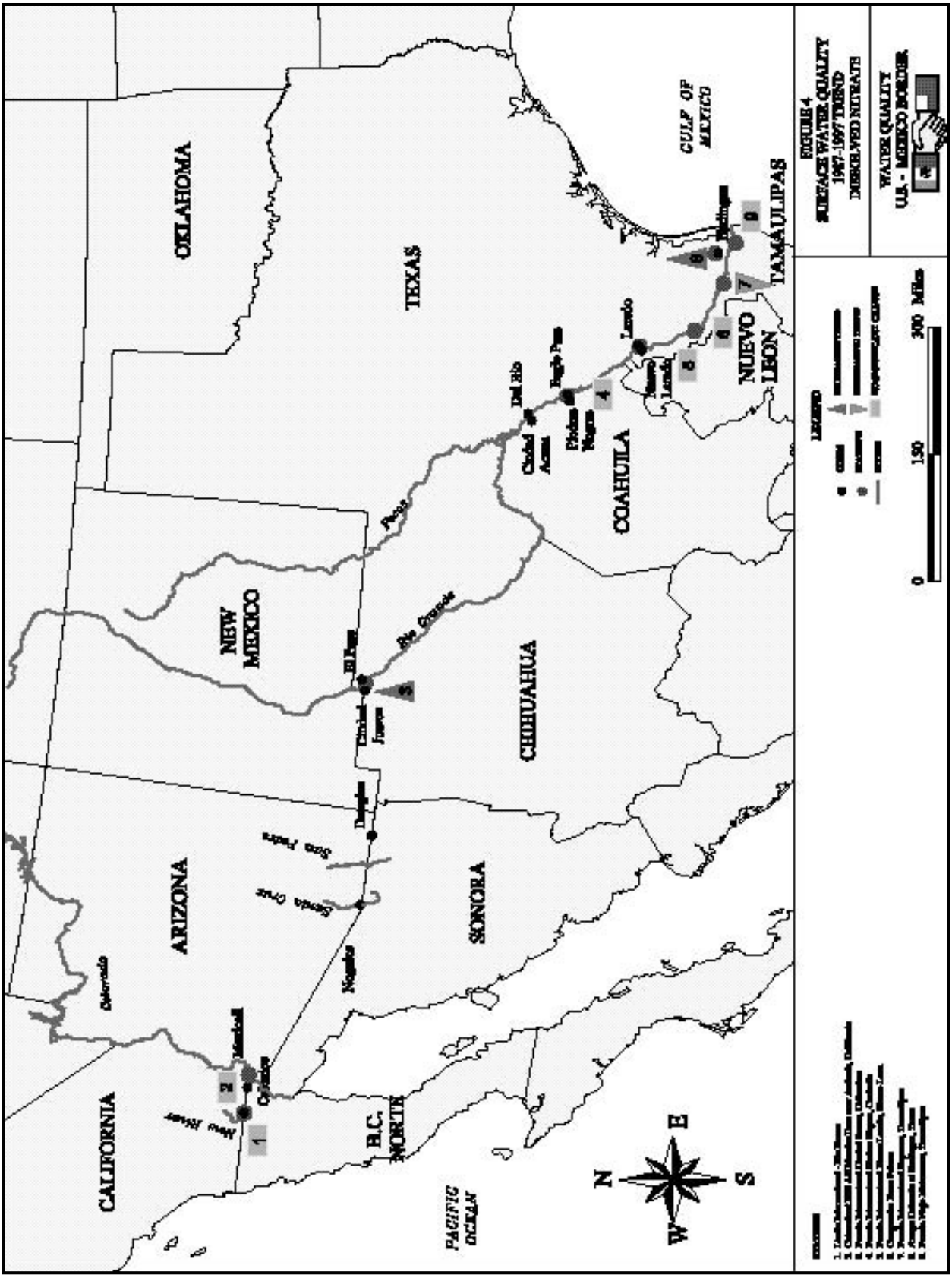
OKLAHOMA
TEXAS
CHIHUAHUA
SONORA
COAHUILA
NUEVO LEON
TAMAULIPAS
B.C. NORTE
GULF OF MEXICO
PACIFIC OCEAN
Colorado
New River
Santa Cruz
Santa Fe
Pecos
Rio Grande
Nogales
Douglas
Ciudad Juarez
El Paso
Ciudad Acuña
Del Rio
Eagle Pass
Piedras Negras
Laredo
Nuevo Laredo
Brownsville
Matamoros
N
E
S
W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TAMAULIPAS
B.C. NORTE
PACIFIC OCEAN
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Nogales
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San Pedro
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LEGEND
FIGURE 4
SURFACE WATER QUALITY
1987-1997 TREND
DISSOLVED NITRATE
WATER QUALITY
U.S. - MEXICO BORDER

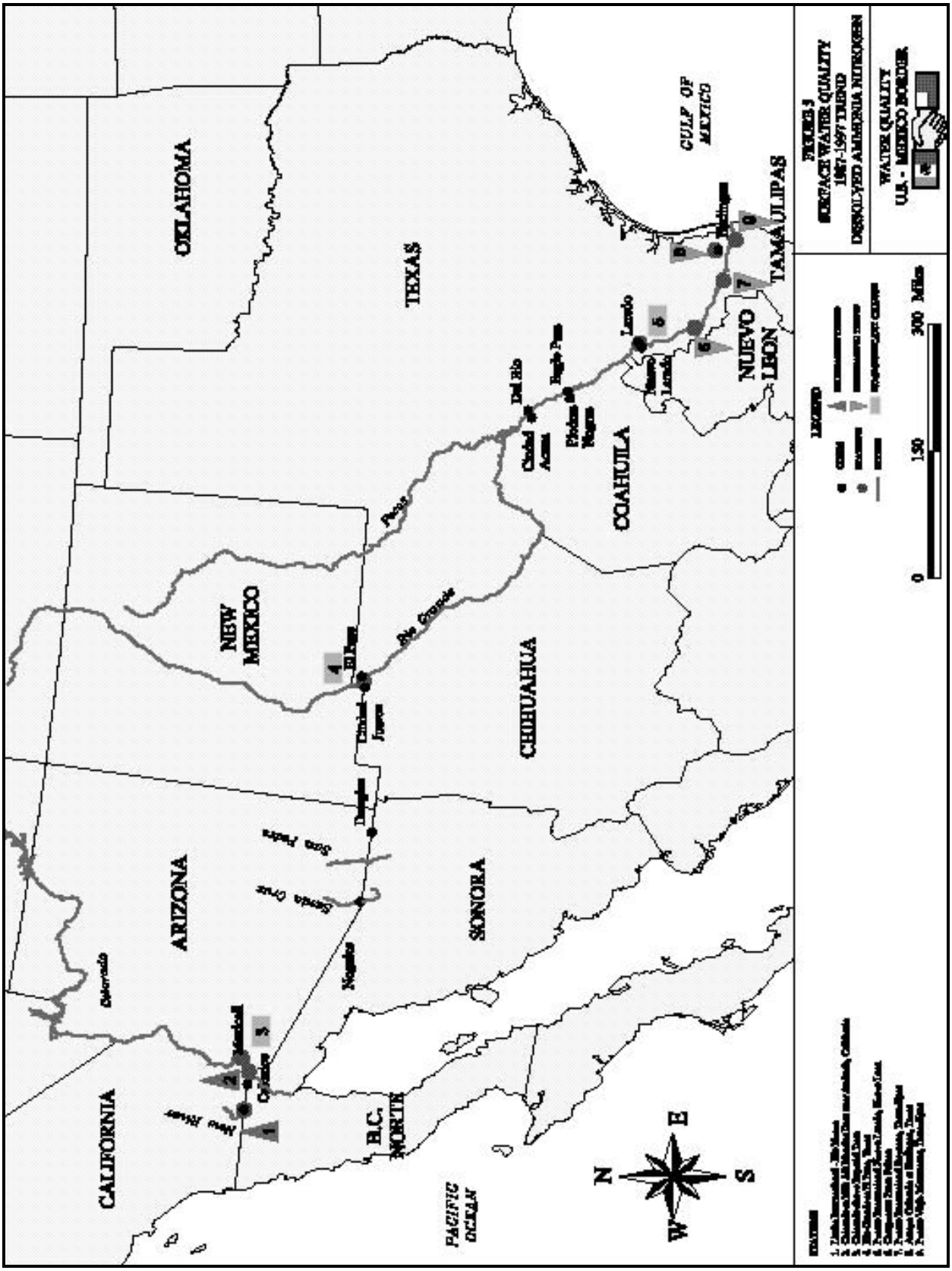
FIGURE 3
SURFACE WATER QUALITY
1987-1997 TREND
DISSOLVED AMMONIA NITROGEN
WATER QUALITY
U.S. - MEXICO BORDER
LEGEND
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300 Miles
CULF OF MEXICO
TAMAULIPAS
NUEVO LEON
COAHUILA
TEXAS
OKLAHOMA
NEW MEXICO
CHIHUAHUA
SONORA
ARIZONA
CALIFORNIA
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PACIFIC OCEAN
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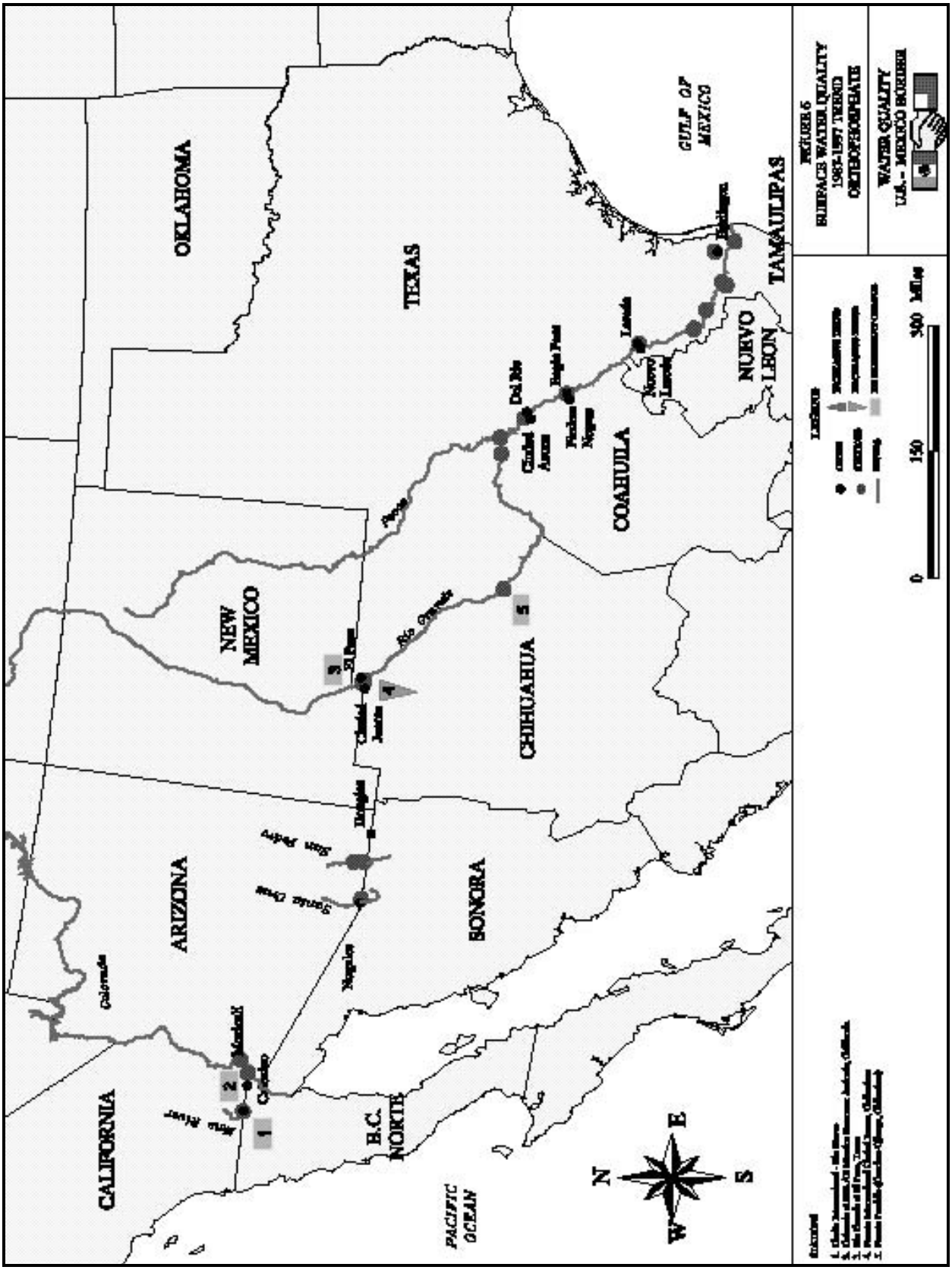
OKLAHOMA
TEXAS
GULF OF MEXICO
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NUEVO LEON
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Ciudad Acuña
Del Río
Eagle Pass
Piedras Negras
Laredo
Nuevo Laredo
Brownsville
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FIGURE 6
SURFACE WATER QUALITY
1987-1997 TREND
ORTHOPHOSPHATE
WATER QUALITY
U.S. - MEXICO BORDER

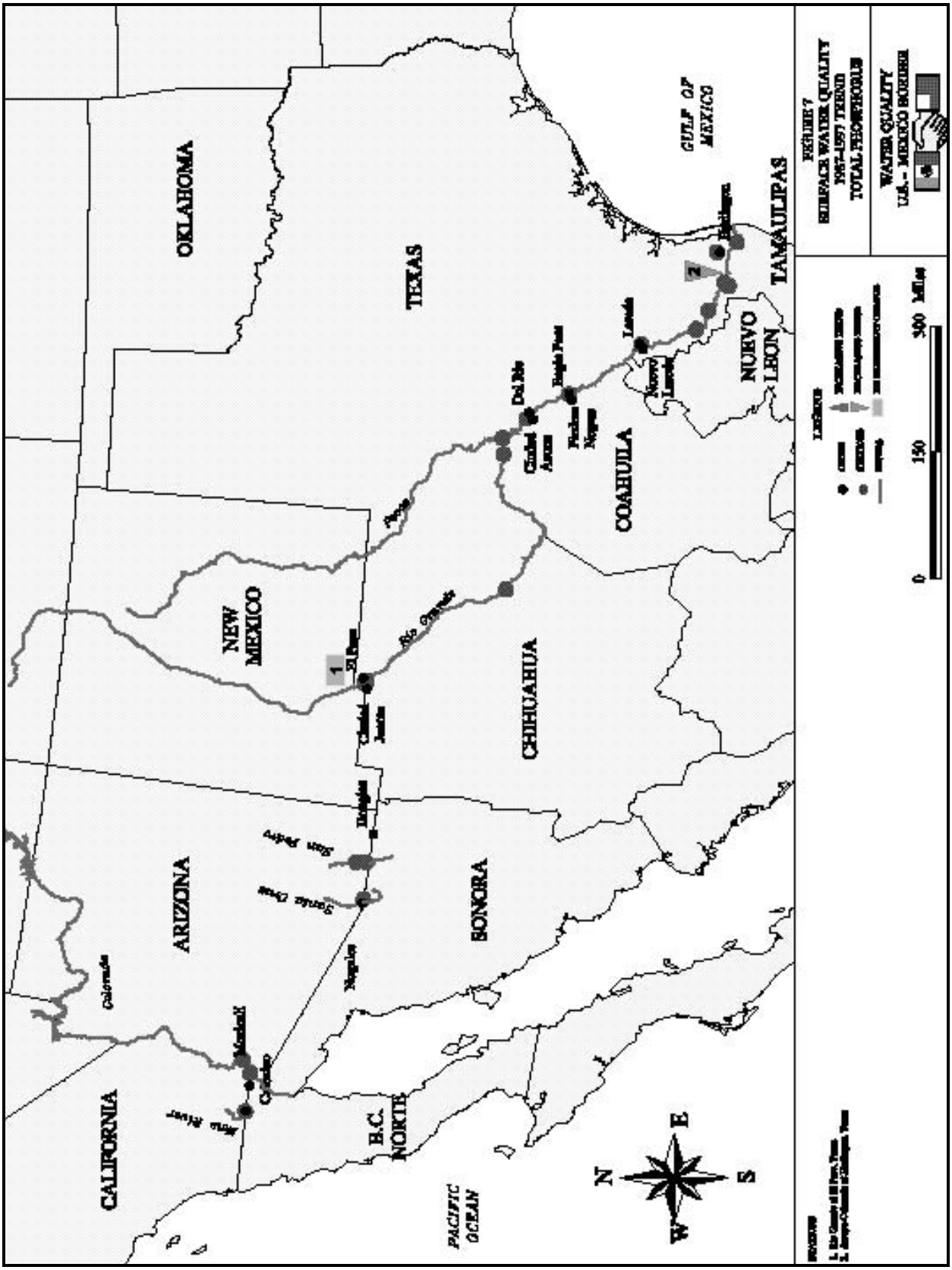
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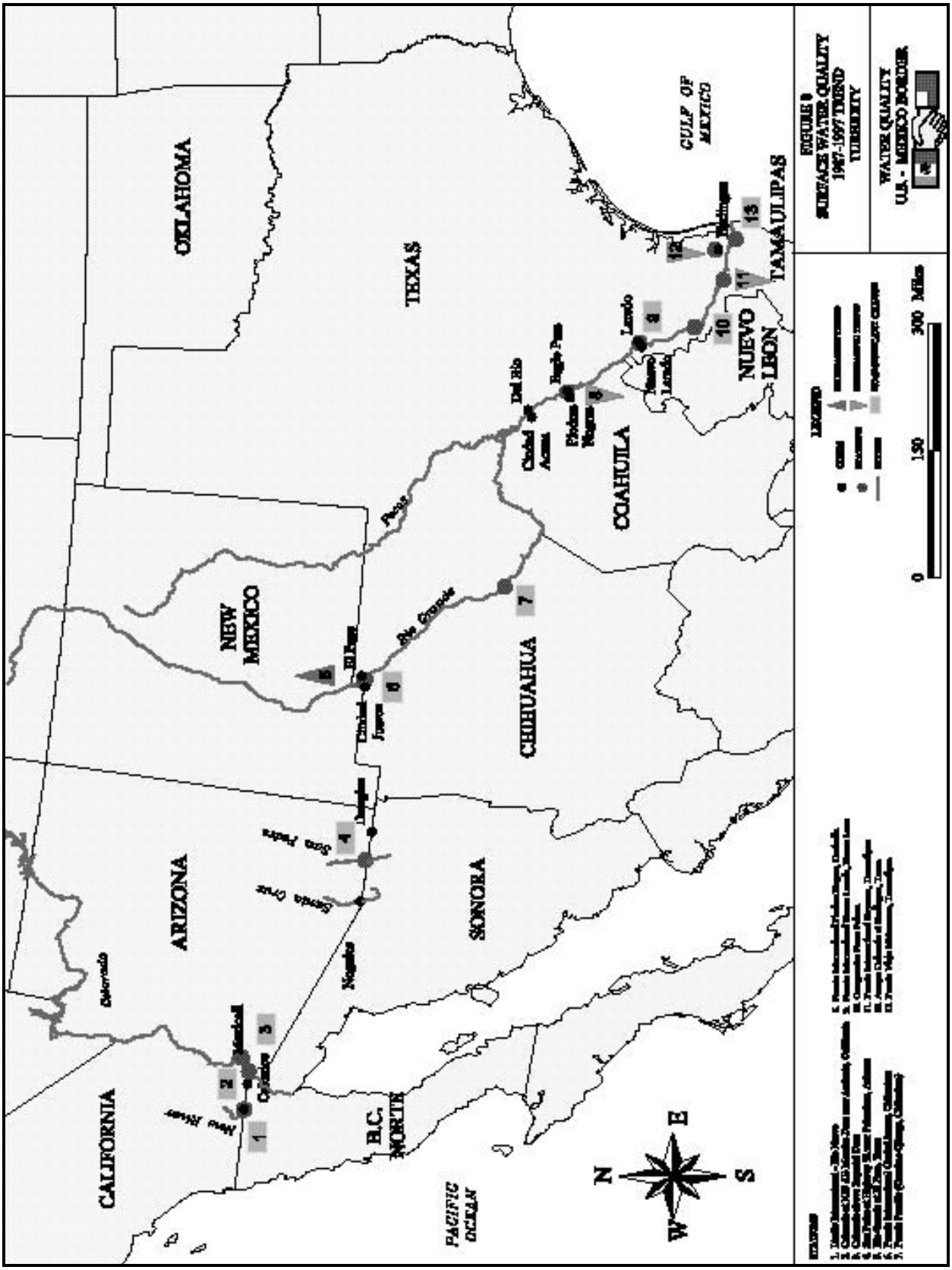
FIGURE 7
SURFACE WATER QUALITY
1987–1997 TREND
TOTAL PHOSPHORUS
WATER QUALITY
U.S. - MEXICO BORDER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Rio Grande
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Ciudad Juarez
El Paso
Ciudad Acuña
Del Rio
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Nuevo Laredo
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Brownsville
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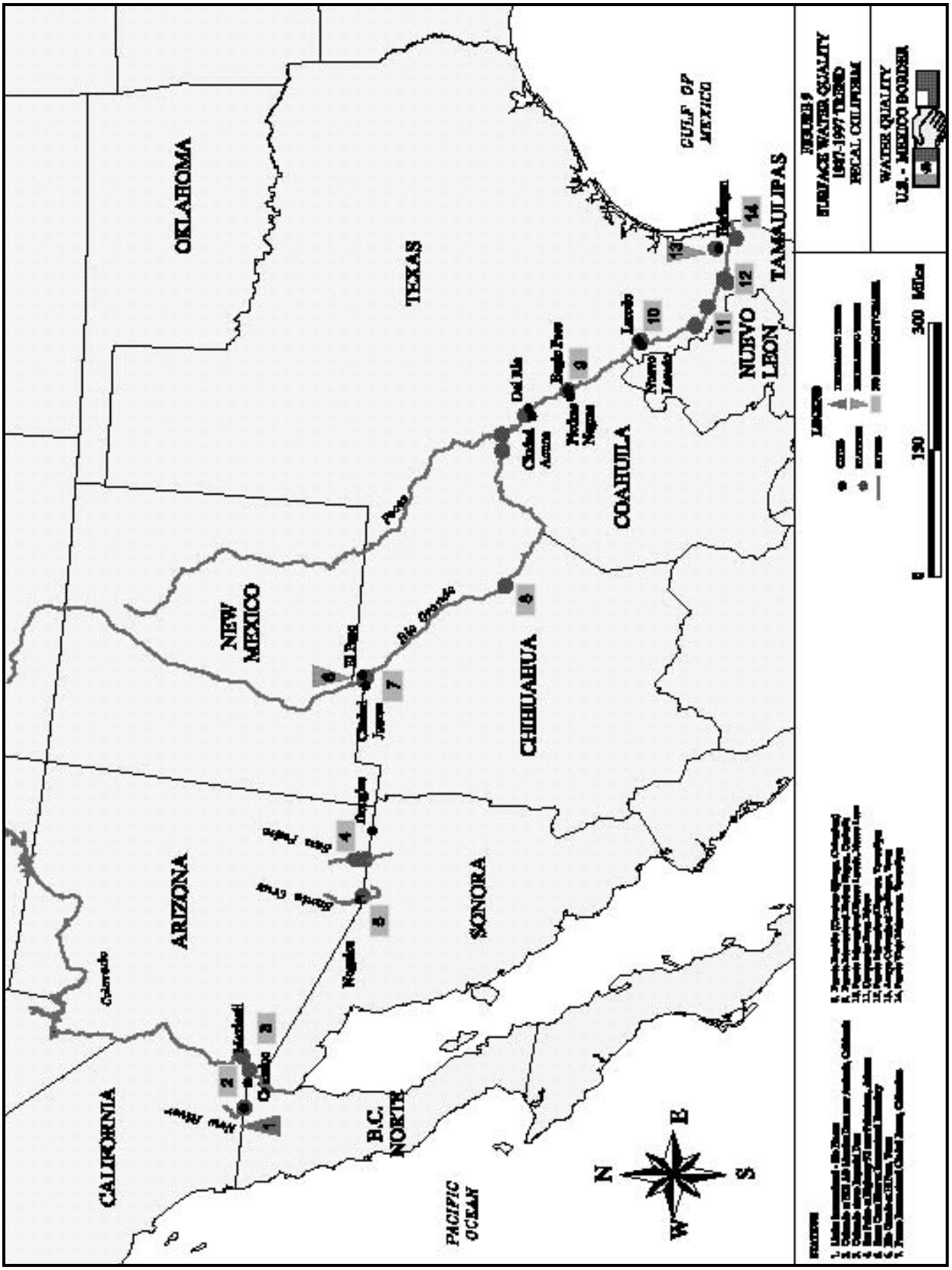
LEGEND
FIGURE 8
SURFACE WATER QUALITY
1987-1997 TREND
TURBIDITY
WATER QUALITY
U.S. - MEXICO BORDER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WATER QUALITY
U.S. - MEXICO BORDER

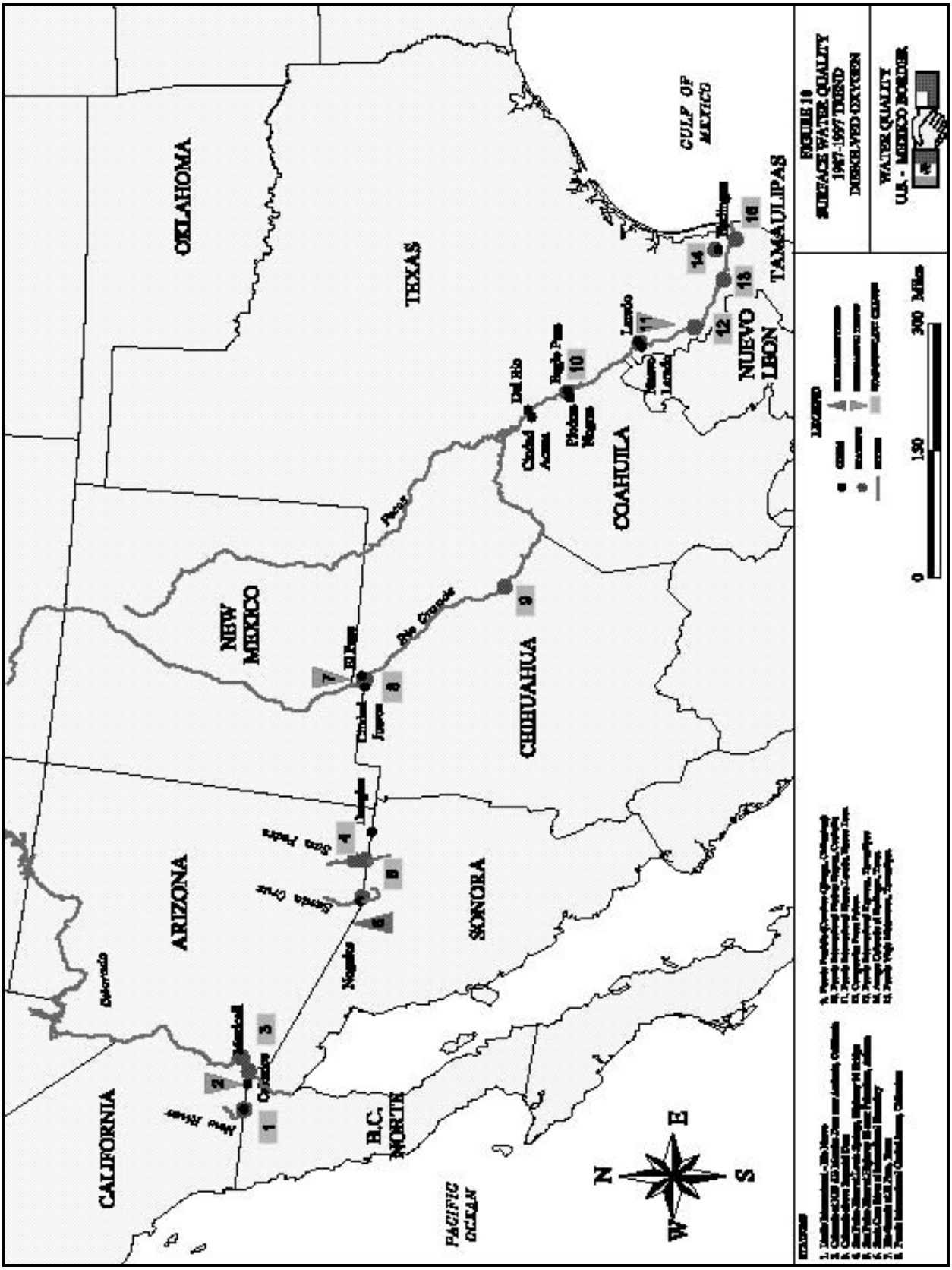
FIGURE 10
SURFACE WATER QUALITY
1987-1997 TREND
DISSOLVED OXYGEN
WATER QUALITY
U.S. - MEXICO BORDER
LEGEND
0
150
300 Miles
CALIFORNIA
ARIZONA
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OKLAHOMA
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B.C. NORTE
SONORA
CHIHUAHUA
COAHUILA
NUEVO LEON
TAMAULIPAS
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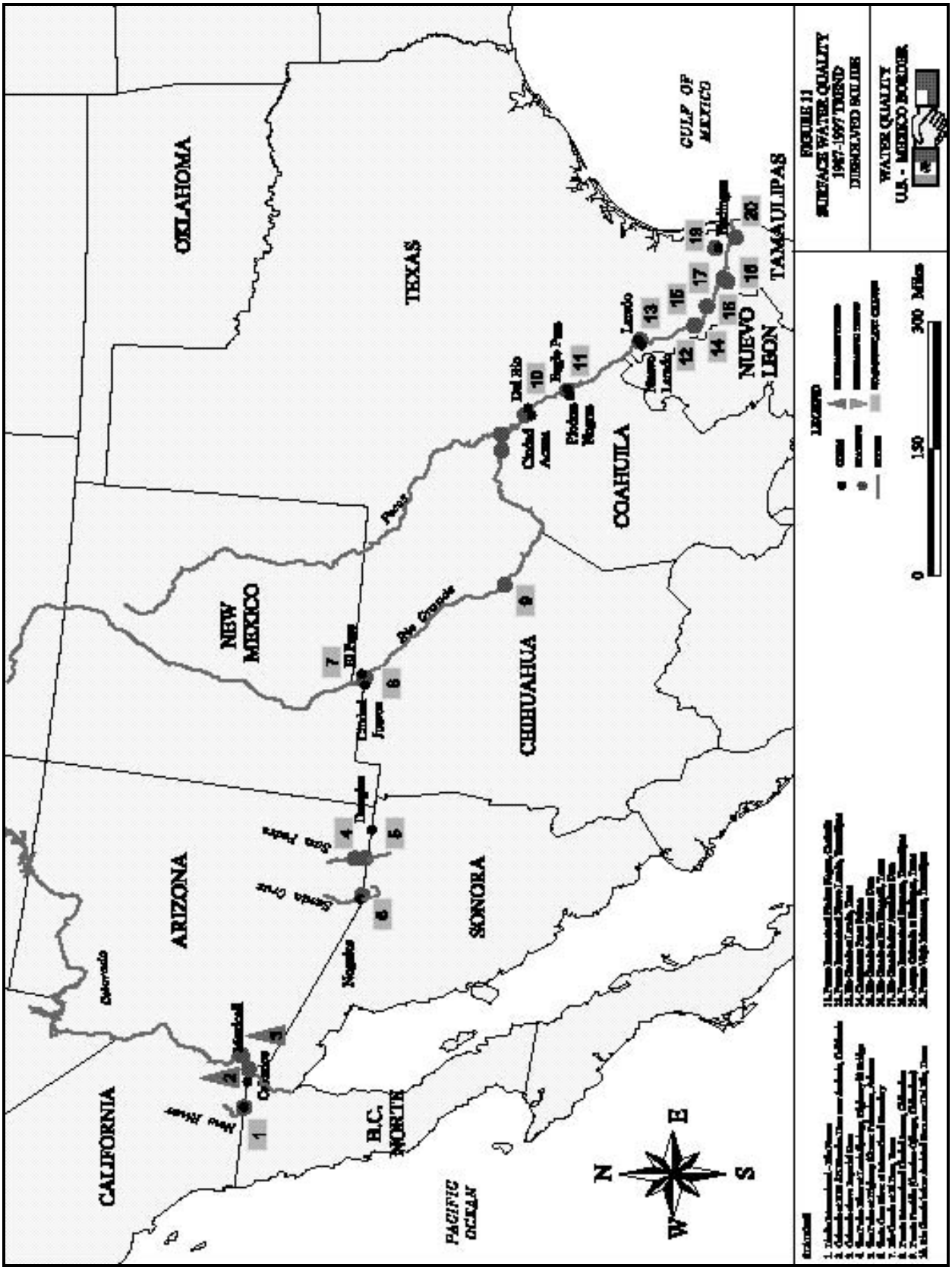
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FIGURE 11
SURFACE WATER QUALITY
1987-1997 TREND
DISSOLVED SOLIDS
WATER QUALITY
U.S. - MEXICO BORDER