
Kansas Geological Survey

A Guide to the M-33 Map Series:
Saturated Thickness of the High Plains Aquifer
in the Southwest Kansas Groundwater
Management District

A cooperative project with the
Southwest Kansas Groundwater
Management District

Hydrologic content and interpretation by
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Kansas Geological Survey Open-file Report 92-45, consisting of:
92-45a Overview and guide to the M-33 Maps
92-45b through f Data Appendices

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Missing Pages #4-22 of Appendix V

A Guide to the M-33 Map Series:
Saturated Thickness of the High Plains Aquifer in the Southwest Kansas
Groundwater Management District
Kansas Geological Survey Open-file Report 92-45a

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Contents

Introduction

Map presentations and terminology

Thinly- or non-saturated areas

Formations other than the High Plains aquifer

Boundary of the High Plains aquifer

Faults

Contour lines of water table elevation and saturated thickness

Center of section values for bedrock elevation and saturated thickness

Sources of data

Discussion of uncertainty

Conclusion

Acknowledgments

References

Appendices to A Guide to the M-33 Map Series: Saturated Thickness of the High
Plains Aquifer in the Southwest Kansas Groundwater Management District

Appendix I. Open-File Report 92-45b

Contouring and Interpolation Procedures

Appendix II. Open-File Report 92-45c

Input and Output of Projection Parameters

Appendix III. Open-File Report 92-45d

Bedrock and Saturated Thickness AML's for Map Composition

Appendix IV. Open-File Report 92-45e

Wells from the 1992 Water Level Report Used for the Calculation of the Water-
Level Contours and Center-of-Section Values

Appendix V. Open-File Report 92-45f

Saturated Thickness Values

A Guide to the M-33 Map Series:
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Introduction

The High Plains aquifer is the primary source of water for agricultural, industrial, and municipal uses in southwestern Kansas (Buchanan and Buddemeier, 1993). Consequently, the production of a set of documented hydrogeologic maps aids in understanding this vital resource and in developing a consistent approach to its description and management. The High Plains saturated thickness map series for the Southwest Kansas Groundwater Management District was compiled, designed, and produced by the Kansas Geological Survey in cooperation with the Southwest Kansas Groundwater Management District. Four maps were produced for this project: a water level contour map (M33A), a bedrock map showing center of section bedrock elevations (M33B), and two saturated thickness maps, one a contour map (M33C) and the other displaying estimated center of section values (M33D). This report explains the presentation of the data and the sources of data used as inputs for the calculation of saturated thickness, illustrates the procedures used in developing the maps in the series, and discusses some of the results. It first expands on the definitions of the map symbols and legends, and then reviews data sources and uncertainties. The procedures, computer codes, and data sets used are contained in appendices. Because many uses of the maps may not require the level of detail contained in the appendices, they have individual open-file report numbers and may be ordered separately (see table of contents, p. 1)

Map presentations and terminology

Thinly- or non-saturated areas

These are areas of the High Plains aquifer that may contain some groundwater but are considered unable to support sustained large-volume withdrawals, such as irrigation wells. In most cases this is due to small saturated thickness, but in some areas specific yield or other aquifer characteristics may also be a factor. These areas were identified from two sources. First, there has been a long-standing convention among the U.S. Geological Survey and Kansas state water agencies that certain portions of the High Plains aquifer are considered "non-contributing"—that is, without major exploitable water resources. These areas are identified in Gutentag et al. 1981, Spinazola 1983, and Stullken 1986, and were included into the present maps as indicated by these earlier sources. Additionally, other areas of low saturated thickness were identified from the data sets used in creating the maps. Where the observed saturated thickness was less than 10 ft, the area was considered thinly saturated and was mapped with the same symbol as the non-contributing area.

Many parts of these areas contain adequate water for low-volume use such as domestic or stock wells. The areas that are now thinly saturated because of water table declines could potentially recover usable water resources if withdrawals were reduced or recharge increased.

Formations other than the High Plains aquifer

This symbol represents geologic formations that are not part of the High Plains aquifer and that either contain no significant water or have groundwater systems that are not hydraulically connected with the neighboring portions of the High Plains Aquifer. The major geologic formations in this category are the Dakota formation and various alluvial aquifers that are not hydraulically well-connected to the High Plains aquifer.

Boundary of the High Plains Aquifer

This line represents a smoothed average estimate of the limits of the High Plains aquifer, based on geologic maps, well logs, and hydrologic data. Local variations and irregularities in both the geologic and the hydrologic boundaries of the aquifer may be expected.

Faults

These are mapped because they are often important controls on groundwater occurrence and flow. Because they may be deep features with little distinct surface expression, the indicated locations are estimates based on the available geological literature (Gutentag et al., 1981; Spinazola, 1983; Stullken, 1986; Macfarlane et al., 1990) and the water table configuration in the area.

Contour lines of water table elevation and saturated thickness

These lines, expressed as feet of elevation or feet of saturated thickness, are based on interpolations between the groundwater measurement locations. The method of interpolation and the accuracy of the values are discussed below.

Center of section values for bedrock elevation and saturated thickness

These values are interpolated from existing bedrock and water level data points. The values represent a reasonable average for the section, but should not be taken as an accurate indication of the exact value at that specific point. See discussion below.

Sources of data

The saturated thickness map series was compiled from two data sets available to the Kansas Geological Survey, bedrock elevation and water table levels. The elevation of the bedrock was determined using logs of wells and test holes in the Southwest Kansas Groundwater Management District, which were then used to calculate the center of section bedrock values throughout the

GMD by the U. S. Geological Survey and the GMD. For the purpose of these maps, bedrock is defined as the top of Cretaceous age formations, such as the upper Cretaceous Niobrara or the lower Cretaceous Dakota, Kiowa, or Cheyenne. In the absence of Cretaceous units, upper Jurassic or upper Permian units were used to define bedrock. The areas represented as formations "other than High Plains aquifer" on the maps mostly include bedrock outcrop, but also include some alluvial aquifers, which are not necessarily hydraulically connected to the High Plains aquifer. In addition to recognizing the confining boundaries of the aquifer, it is important to realize that the saturated thickness values in some areas may also include significant thicknesses of clay (sometimes locally referred to as "shale"), and other lithology that contributes little to water that can be withdrawn from the High Plains aquifer (Gutentag et al., 1981; Stullken et al., 1985).

Because some of the bedrock values have been updated over time, the data that were used for this project are not necessarily identical to the bedrock data used for previous saturated thickness estimations. For example, the changes in saturated thickness in Kearny county between the USGS Center of Section Saturated Thickness map of 1988 and this KGS map series result at least in part from differences in the bedrock data. Increases in reported saturated thickness do not mean that any more water is actually present, but is simply a reflection of the improved accuracy of the geohydrologic data.

The second set of data used, the water level elevation data, was compiled using data from the 1992 Kansas Geological Survey water level report (Mitchell et al., 1993). Only wells defined as High Plains aquifer were used; those defined as alluvial or as Dakota formation wells were excluded from the selection. This resulted in a total of 553 well control points. In order to avoid distortions due to short-term annual fluctuations in water table elevation, the water levels from 1990, 1991, and 1992 for each individual well were averaged and generated into a GIS coverage. Data points from border areas in Colorado and Oklahoma were also added in order to improve accuracy along the western and southern borders of the GMD. Once the bedrock and water level elevation datasets were compiled, they were then processed to produce the center of section

bedrock map, the contoured water-level elevation map, the center of section saturated thickness and contoured saturated thickness maps.

Discussion of uncertainty

The estimated margin of uncertainty on the bedrock section center coverage obtained from the Southwest Kansas Groundwater Management District and the USGS is plus or minus twenty-five feet. The best estimate of error for the water levels indicates that the range of possible error in measurement is typically a small fraction of a foot; however, the uncertainty associated with transforming measured depths to average annual elevations is approximately five to ten feet. The uncertainty in the final products cannot be expected to be better than that of the coverage with the greatest individual uncertainty. Thus, the uncertainty in the absolute values of saturated thickness cannot be better than plus or minus twenty-five feet. However, the rather large uncertainties in individual absolute values become much smaller when differences are considered. Errors in the absolute elevation of ground surface or bedrock elevation for a given location will generally not change over time, and will tend to be eliminated when one water level or saturated thickness is subtracted from an earlier or later value at the same location. While the absolute ranges of error may seem quite large, it must be remembered that this map series is intended to provide a regional perspective, and show to general trends and changes. Steps have been taken to make sure that the information entered was the best available, and for the purposed intended, accuracy should be quite adequate. However, detailed accuracy at any specific location should not be expected; this would require intensive local measurements to achieve.

Minimal discrepancies may occur because of the surface-modeling and interpolation algorithms used in the ARC-INFO software (see Appendix I). The first would be from the creation of the water level surface with TIN and its subsequent interpolation of elevations to the point coverage. The second would be in the contouring of the saturated thicknesses and water levels. The SMOOTH option was chosen for contouring because it uses a bivariate quintic

interpolation method. This method takes more time to compute than the default LINEAR interpolation, but is generally accepted as more accurate in its placement of contours.

A final point to remember is that these maps may differ from previous maps of estimated saturated thickness because of both differences in data input and variances in the methodology utilized to accomplish this project. Compilation methods and the computer algorithms and software used for contouring and interpolation are almost surely different. Any comparisons between this series of maps and other maps of a different age should carefully consider both time differences and the methods of constructing the maps.

Conclusion

As a result of use of the aquifer, saturated thicknesses throughout most areas of the GMD have declined over time, in some places at a rapid rate. Such changes may have a significant impact on the economic, political, and social climate in the Southwest Kansas Groundwater Management District, as is likely to be the case in any region that depends heavily on groundwater. The goal of this project was to devise a methodology to calculate saturated thickness estimates using the KGS GIS capabilities, and to produce results using methods that are reproducible in the future, so that timely updates will be possible. If the methodology and the parameters specified are followed for future projects, this will eliminate questions of error resulting from differing methodologies used for new and old map versions. In addition, regional trends will be more readily apparent, making the saturated thickness maps an important component of the decision making process concerning the High Plains Aquifer.

Acknowledgments

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A Guide to the M-33 Map Series: Saturated Thickness of the High Plains Aquifer in the Southwest Kansas Groundwater Management District

Appendix I: Contouring and Interpolation Procedures Kansas Geological Survey Open-file Report 92-45b

The geographic information system used by the Kansas Geologic Survey for this project was Environmental Systems Research Institute's Arc/Info (Version 5.0.1). One component of this system is a surface modeling and display package which ESRI (Environmental Systems Research Institute, Inc.) calls TIN (Triangulated Irregular Network). The TIN concept in cartographic modeling has been available for many years and is not unique to Arc/Info. In the last ten to fifteen years, triangulated irregular networks have become more popular due to their small storage requirements and their theoretical advantages in describing complex structures and surfaces when compared with the alternative in surface modeling, the grid. A TIN is a terrain model which uses a continuous surface of non-overlapping adjacent triangles based on irregularly spaced nodes or observation points (see Figure 1).

The observation or control points are grouped into 'triplets' and then used to create triangular planar surfaces which are linked to form a network (or surface) containing 'XY' (location) and 'Z' (elevation) values as well as slope and aspect information. The criterion used for the calculation of the triangular facets is determined by the Arc/Info computer algorithms. From these control points and triangular facets, interpolations can be made in order to produce contour lines, or estimates of elevation at any desired point.

The TIN modeling package made it possible to produce a surface model of water levels, and then to subtract the bedrock from the water levels in order to derive the saturated thickness. The following is a summation of the process used to produce the maps in the saturated thickness map series and is intended for future reproduction purposes (see also Figure 2).

1. Create Arc/Info point coverages of both water levels and bedrock elevations. In this particular series of maps, two separate point coverages were produced because the water level data were measured from different locations than the bedrock elevation data.

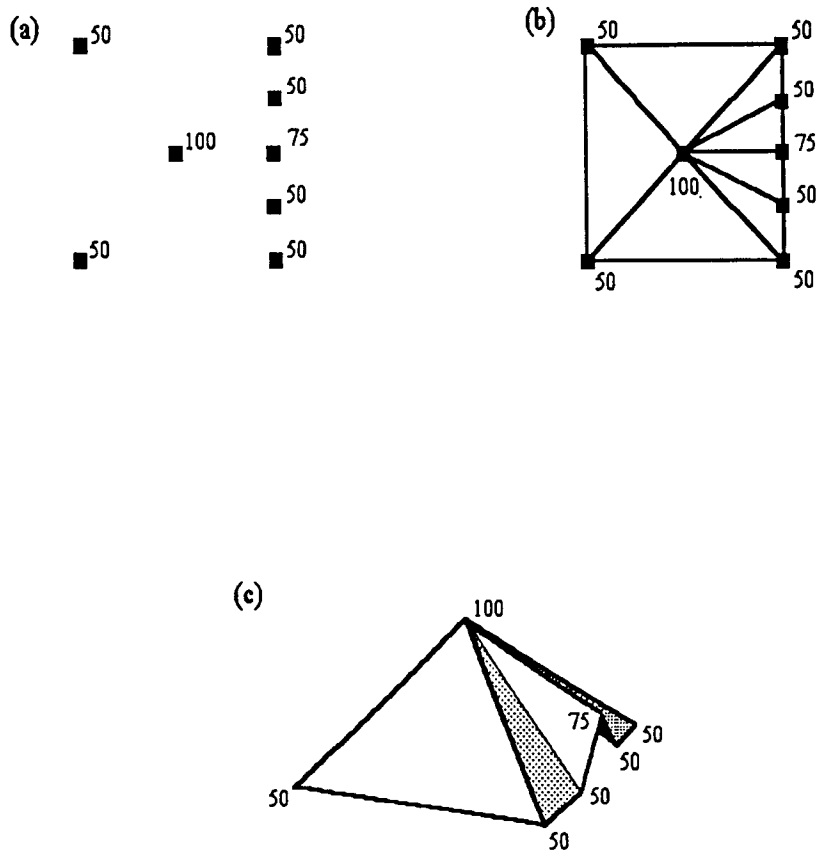


Figure 1. Illustration of a simple Triangulated Irregular Network surface. The first figure (a) illustrates eight control points, six with values of 50, one with a value of 75, and the last with a value of 100. When a TIN is created, all of these points are used to create nodes for triangles as shown in (b). If this TIN were viewed in 3-D (actually 2 1/2 dimensions for flat viewing on paper), it would produce a surface much like what is shown in (c), with each triangle representing a plane.

2. Project the bedrock and water level coverages, and TIN to create a water level surface model. A projected coverage is required for creating a TIN. Since the point coverages were compiled with their (X,Y) coordinates in longitude and latitude, it was necessary to convert the coverages to a projection which used feet or meters. The projection that was used for this map series was an Albers Equal Area.¹

¹The projection file showing the input longitude/latitude projection and output projection parameters can be found in Appendix II.

Note: Before a TIN is created it is critical to remove all missing data values in the coverage to be used for the surface model. If these values remained in the data set, they would produce sharp peaks (or depressions in the case of negative missing data value markers) in the surface model and hence produce errant interpolations of water level surfaces². Once the missing data values are eliminated, the TIN could be created. The actual command sequence used in the creation of a TIN is as follows from the 'Arc' prompt³:

```
Arc: ARCTIN <in_cover> <out_tin> {ALL | POINT | LINE} {item} {weed_tol}
      {proximal_tol}
```

```
Arc: ARCTIN WAT WAT.TIN WATELEV # #
```

3. Use TINSPOT to interpolate water level values to the coverage containing bedrock center of section points⁴. The Arc/Info command TINSPOT was used in conjunction with the TIN that was created of the water levels in order to interpolate values at the section centers of the bedrock coverage. First, TINSPOT overlays a point coverage with an existing TIN. It then looks at the 'XY' location of every point in the point coverage, and assigns an 'elevation' value attribute from the TIN surface at that location to the point coverage (see Figure 3).

```
Arc: TINSPOT <in_tin> <in_cover> {item}
```

4. Calculate saturated thickness at every center section location in the coverage (gridcoverage). Once the bedrock and water level attributes have been added to the same point coverage, INFO (the relational database of Arc/Info) was used to calculate the third attribute of saturated thickness. Before this calculation can take place, an item must be added to the point attribute table (.PAT) of the point coverage (gridcoverage) for the saturated thickness value. This is done at the 'Arc:' prompt with the ADDITEM command. Once the necessary item has been added to the PAT, the thickness calculation can be made within Arc/Info. The CALCULATE command is used. The syntax differs depending upon the area of Arc/Info from which the

²The missing data values that are commonly used in the Geohydrology Section of the Kansas Geological Survey are usually '9999' or '-9999'.

³Note: The commands that are shown here are specific to Arc/Info version 5.0.1.1, and may not be transferable verbatim to other versions of Arc/Info. Both the syntax and the actual command sequences are shown here in order to fully explain the parameters that were used. As of this writing version 6.1 for the workstations is available and may have some variations in the execution of TIN commands and the parameters available. Be sure and refer to the manuals to check for any differences that may occur due to version changes.

⁴If a bedrock coverage is not available with values at section centers, it will be necessary to create a point coverage of center section locations, and then use TIN to make surfaces of both the water levels and bedrock. TINSPOT can then be used to interpolate the necessary values to the center section point coverage; saturated thickness can be calculated by subtracting the bedrock values from the water level values.

CALCULATE command is issued, ArcPlot, ArcEdit, or INFO. Consult the Arc/Info manuals for more details on the syntax used in the different locations.

5. TIN the point coverage (gridcoverage) using the saturated thickness item and then use TINCONTOUR to create contours of saturated thickness. The water level elevation contours should be created from the water level TIN that already exists, rather than a TIN of the center of section water level from the gridcoverage so that less error will be introduced. The command sequence used is:

```
TINCONTOUR <in tin> <out cover> <interval> {base contour} {item} {LINEAR |  
SMOOTH} {weed tolerance}
```

6. The only remaining task was the compilation of the final maps for the Southwest GMD. Arc/Info's map composition software in ArcPlot was used to accomplish this (see Appendix V for the map composition AML's).

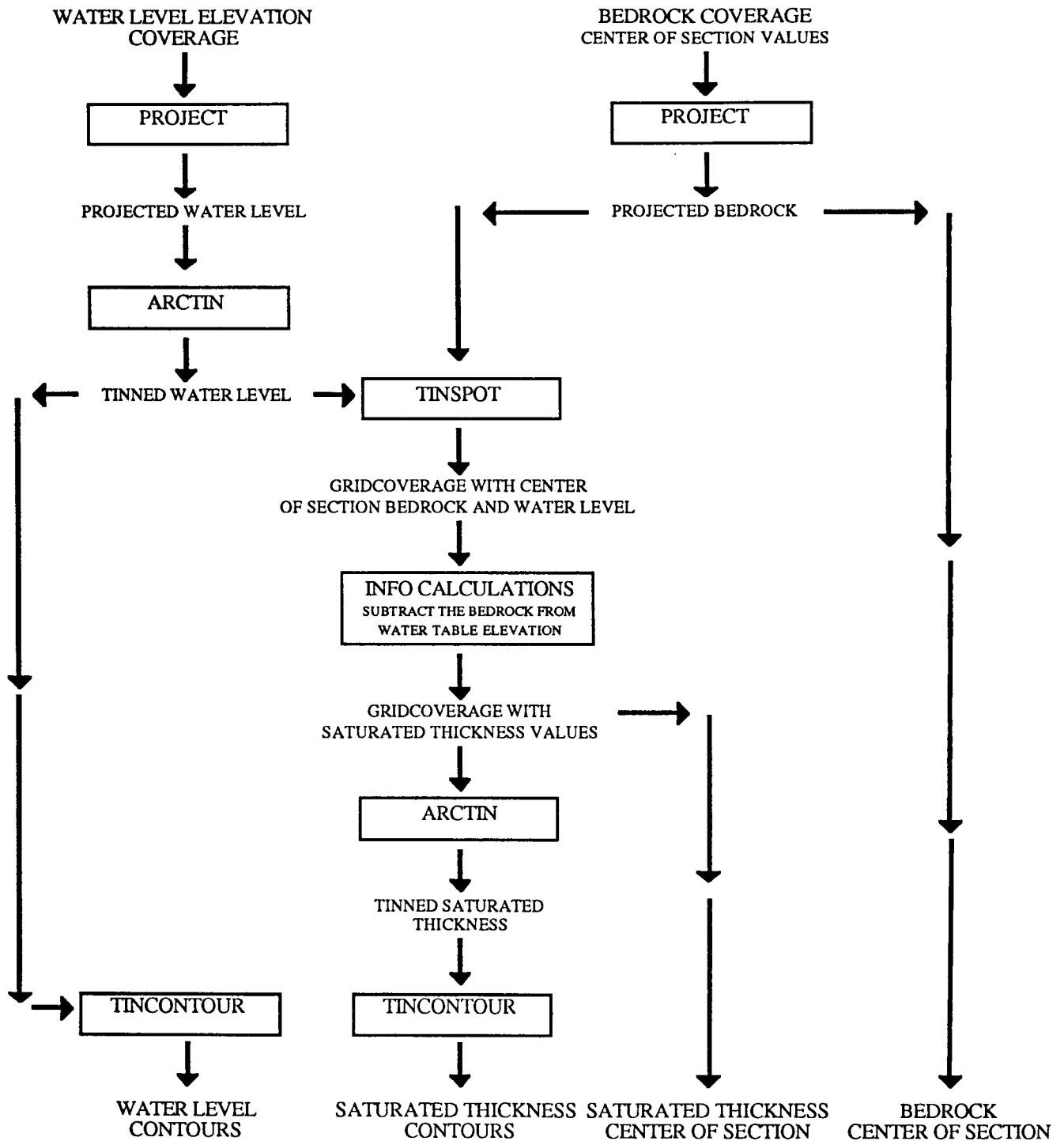


Figure 2. Flowchart outlining the procedures followed in the production of the saturated thickness map series.

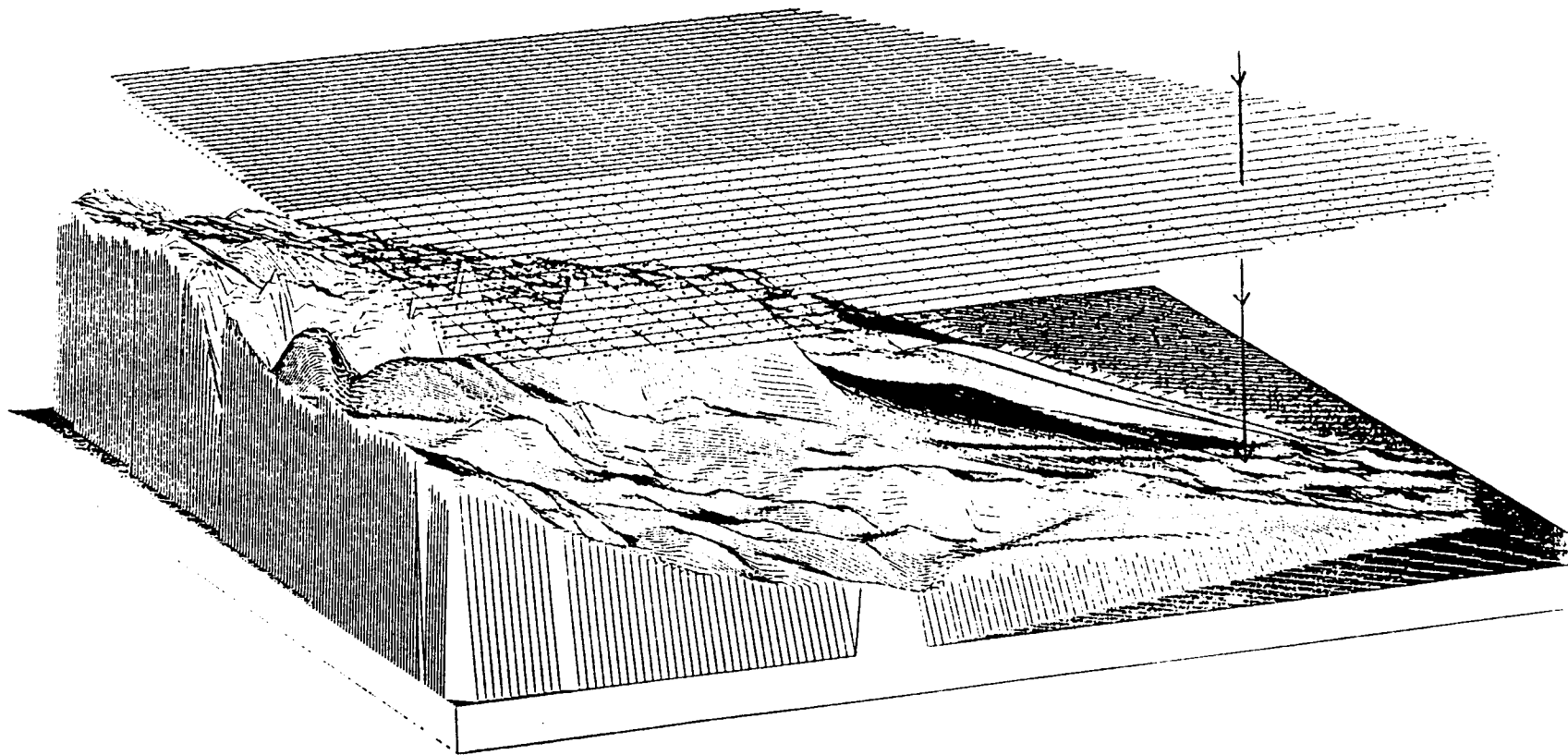


Figure 3. Conceptual illustration of the TINSPOT command. This figure shows a grid of points (shown in the center of the cells) overlaying a three-dimensional view of a TIN surface (vertically exaggerated 400 times). Although this process is not visually seen in this way when processing occurs, it serves to show how the computer takes the XY location of each point in the grid, 'looks' down and takes the elevation from the TIN's surface, and subsequently assigns that value to the point coverage's (gridcoverage) point attribute table (.PAT).

A Guide to the M-33 Map Series:
Saturated Thickness of the High Plains Aquifer in the Southwest Kansas
Groundwater Management District

APPENDIX II:
Input and Output of Projection Parameters
Kansas Geological Survey Open-file Report 92-45c

Projection File Name: PROJALBERS.GMD3.F
Projection Conversion: Geographic to Albers Equal Area
Projection Purpose:

Input Parameters:

Projection Type: Geographic - Latitude/Longitude
Projection Units: Decimal Degrees
Zone:
Standard Parallel:
North Standard Parallel:
South Standard Parallel:
Central Meridian:
Base Line (latitude of proj's origin):
False Easting:
False Northing:

Output Parameters:

Projection Type: Albers Equal Area
Projection Units: Feet
Zone:
Standard Parallel:
North Standard Parallel: 37° 18' 40"
South Standard Parallel: 37° 56' 49"
Central Meridian: -100° 47' 58"
Base Line(latitude of proj's origin): 36° 52' 30"
False Easting: 0.0
False Northing: 0.0

Projection File: (used with Arc/Info PROJECT command)

```
INPUT
PROJECTION GEOGRAPHIC
UNITS DD
PARAMETERS
OUTPUT
PROJECTION ALBERS
UNITS FEET
PARAMETERS
37 18 40
37 56 49
-100 47 58
36 52 30
0.0
0.0
END
```

A Guide to the M-33 Map Series:
Saturated Thickness of the High Plains Aquifer in the Southwest Kansas
Groundwater Management District

Appendix III:
Bedrock and Saturated Thickness AML's for Map Composition
Kansas Geological Survey Open-file Report 92-45d

The bedrock center-of-section AML:

PAGESI 72 40
WEEDDRAW OFF
MAPPRO OFF
MAPE GMD3.PRJ
MAPU FEET
MAPSCALE 175000
MAPPO CEN CEN
MAP GMD3BED.MAP1
TEXTSET GMD3TEXT.TXT
LINEC 15
ARCS GMD3.PRJ
MAPPRO PROJALBERS.GMD3.F
LIBRARY GHLIB
TILES MORTON STEVENS SEWARD MEADE FORD GRAY HASKELL GRANT STANTON \\
FINNEY KEARNY HAMILTON
TEXTSYM 34
TEXTSI .25
LABELTEXT .COUNTIES NAME CC
MAPPRO OFF
LINESET CARTO.LIN
LINESYM 126
LINEC 5
ARCS COUNTIES2.PRJ
MARKERSYM 1
MARKERSI .05
POINTS GMD3SECT.PRJ
LINESET PLOTTER.LIN
LINESYM 1
LINEC 3
RESEL GMD3TR.PRJ LINE KCD# = 2110
ARCS GMD3TR.PRJ
ANNOTEXT GMD3TR.PRJ
SHADESET PLOTTER.SH
SHADESYM 1
RESEL COUNTIES.PRJ POLY POLYFILL = 'GREEN'
POLYGONSH COUNTIES.PRJ 708
LINECOLOR 16
RESEL COUNTIES.PRJ LINE LINEC = 10
ARCS COUNTIES.PRJ
CLEARSEL
LINECOLOR 4
RESEL COUNTIES.PRJ LINE LINEC = 4
ARCS COUNTIES.PRJ
LINEC 450
ARCS HYDRO.PRJ
ANNOTEXT HYDRO.PRJ

LINESYM 17
 LINEC 821
 ARCS FAULTS.PRJ
 ANNOTEXT FAULTS.PRJ
 LINEC 4
 RESEL OGNS.CL LINE BNDRY = 1
 ARCS OGNS.CL
 SHADESET PLOTTER2.SHD
 SHADESYM 1
 RESEL OGNS.CL POLY POLYFILL = 'LGRAY'
 POLYGONSH OGNS.CL 12
 CLEARSEL
 RESEL OGNS.CL POLY POLYFILL = 'DGRAY'
 POLYGONSH OGNS.CL 16
 CLEARSEL
 RESEL OGNS.CL POLY POLYFILL = 'DARK'
 POLYGONSH OGNS.CL 16
 ANNOTEXT LEG.ANNO.BED
 LINESYM 1
 TEXTSYM 34
 TEXTSI .08
 RESEL GMD3BDR.PRJ POINTS BEDELEV > 0
 RESEL GMD3BDR.PRJ POINTS BEDELEV < 9000
 POINTTEXT GMD3BDR.PRJ BEDELEV CC
 SHADESET PLOTTER.SHD
 SHADESYM 1
 POLYGONSH SEATS.CLIP 16
 TEXTSET GMD3.TXT
 TEXTSYM 34
 ANNOTEXT SEATS.CLIP
 LINEC 326
 ARCS NEWHWY.PRJ
 LINEC 283
 ARCS SEATS.CLIP
 TEXTSYM 34
 TEXTSI .075
 POINTTEXT NEWHWY.PRJ HWY# CC
 MARKERSET CNTY.MRK
 RESEL NEWHWY.PRJ POINT SYMBOL = 1
 MARKERSYM 1
 MARKERSI .15
 POINTS NEWHWY.PRJ
 CLEARSEL
 RESEL NEWHWY.PRJ POINT SYMBOL = 2
 MARKERSYM 2
 MARKERSI .15
 POINTS NEWHWY.PRJ
 LINESYM 1
 TEXTSET PLOTTER.TXT
 &R PLOTSCALE
 &R PLOTNORTH
 &R PLOTLOCAT
 &R PLOTKGS
 MAP END
 CLEAR
 MAP GMD3BED.MAP2
 MBEGIN
 PLOT GMD3BED.MAP1

MEND
MAP END

The water-table elevation contour AML:

PAGESI 72 40
WEEDDRAW OFF
MAPPRO OFF
MAPE GMD3.PRJ
MAPU FEET
MAPSCALE 175000
MAPPO CEN CEN
MAP GMD3WLE.MAP1
TEXTSET GMD3TEXT.TXT
LINEC 15
ARCS GMD3.PRJ
MAPPRO PROJALBERS.GMD3.F
LIBRARY GHLIB
TILES MORTON STEVENS SEWARD MEADE FORD GRAY HASKELL GRANT STANTON \
FINNEY KEARNY HAMILTON
TEXTSYM 34
TEXTSI .25
LABELTEXT .COUNTIES NAME CC
MAPPRO OFF
LINESET CARTO.LIN
LINESYM 126
LINEC 5
ARCS COUNTIES2.PRJ
MARKERSYM 1
MARKERSI .05
POINTS GMD3SECT.PRJ
LINESET PLOTTER.LIN
LINESYM 1
LINEC 3
RESEL GMD3TR.PRJ LINE KCD# = 2110
ARCS GMD3TR.PRJ
ANNOTEXT GMD3TR.PRJ
SHADESET PLOTTER.SH
SHADESYM 1
RESEL COUNTIES.PRJ POLY POLYFILL = 'GREEN'
POLYGONSH COUNTIES.PRJ 708
LINECOLOR 16
RESEL COUNTIES.PRJ LINE LINEC = 10
ARCS COUNTIES.PRJ
CLEARSEL
LINECOLOR 4
RESEL COUNTIES.PRJ LINE LINEC = 4
ARCS COUNTIES.PRJ
LINEC 450
ARCS HYDRO.PRJ
ANNOTEXT HYDRO.PRJ
LINESYM 17
LINEC 821
ARCS FAULTS.PRJ
ANNOTEXT FAULTS.PRJ
RESEL OGNS.CL LINE BNDRY = 1
LINEC 4

ARCS OGNS.CL
SHADESET PLOTTER2.SHD
SHADESYM 1
RESEL OGNS.CL POLY POLYFILL = 'LGRAY'
POLYGONSH OGNS.CL 12
CLEARSEL
RESEL OGNS.CL POLY POLYFILL = 'DGRAY'
POLYGONSH OGNS.CL 15
CLEARSEL
RESEL OGNS.CL POLY POLYFILL = 'DARK'
POLYGONSH OGNS.CL 15
ANNOTEXT LEG.ANNO.WLE
LINESYM 1
SHADESET PLOTTER.SHD
SHADESYM 1
POLYGONSH SEATS.CLIP 16
TEXTSET GMD3.TXT
TEXTSYM 34
ANNOTEXT SEATS.CLIP
LINEC 326
ARCS NEWHWY.PRJ
LINEC 283
ARCS SEATS.CLIP
TEXTSYM 34
TEXTSI .075
POINTTEXT NEWHWY.PRJ HWY# CC
MARKERSET CNTY.MRK
RESEL NEWHWY.PRJ POINT SYMBOL = 1
MARKERSYM 1
MARKERSI .15
POINTS NEWHWY.PRJ
CLEARSEL
RESEL NEWHWY.PRJ POINT SYMBOL = 2
MARKERSYM 2
MARKERSI .15
POINTS NEWHWY.PRJ
TEXTSET PLOTTER.TXT
TEXTSYM 1
TEXTC 366
TEXTSI .07
LINESYM 1
LINEC 527
ARCTEXT NEWWLE.CON NEWWLE.CON-ID # LINE # BLANK
MARKERSYM 17
MARKERC 9
MARKERSI .1
POINTS NEW9092.CLIP
TEXTSYM 34
TEXTSI .08
POINTTEXT NEW9092.CLIP WLERO UC

A Guide to the M-33 Map Series:
Saturated Thickness of the High Plains Aquifer in the Southwest Kansas
Groundwater Management District

Appendix IV
Wells from the 1992 Water Level Report Used for the Calculation of the
Water-Level Contours and Center-of-Section Values
Kansas Geological Survey Open-File Report 92-45e

Well location	Water-level elevation (ft)
18S20W14CCC+01	2,026.44
18S20W19AAD+01	2,048.77
18S21W31CAA+01	2,091.35
18S27W13CCC+01	2,588.22
18S28W18ACC+01	2,697.48
18S30W23AAA+01	2,785.75
18S31W24BCB+01	2,839.37
18S31W27ABA+01	2,861.91
18S32W14BBB+01	2,860.17
18S32W17ABA+02	2,852.62
18S33W15DDD+01	2,860.36
18S33W25BBB+01	2,856.31
18S33W34ADB+01	2,876.70
18S34W25BBD+01	2,977.17
18S34W34BBC+01	3,012.15
18S35W14DCD+01	3,053.52
18S35W31DDD+01	3,109.88
18S36W15DBD+01	3,143.50
18S37W21BBB+01	3,197.02
18S37W25ABC+01	3,179.80
18S38W20ACC+02	3,307.10
18S38W23BAB+01	3,298.11
18S38W31DBC+01	3,330.78
18S38W36DDD+01	3,288.48
18S39W19CDA+01	3,433.59
18S39W23CCB+01	3,350.63
18S39W24AAC+01	3,329.34
19S23W01CCB+01	2,124.68
19S23W08CBB+01	2,198.31
19S32W06CCB+01	2,859.98
19S32W32ACB+01	2,894.10
19S33W06DBB+01	2,959.68
19S33W12DDC+01	2,878.57
19S33W15DBD+01	2,854.37
19S33W29CBB+02	2,879.19
19S34W19DCCC01	3,011.35
19S35W01ABB+01	3,047.48
19S35W08BBB+01	3,116.53
19S36W15BAA+01	3,155.82
19S37W22AAB+01	3,225.95
19S37W28ABB+01	3,252.93
19S38W26CCB+01	3,309.27
19S38W31CBC+01	3,323.04
20S22W20CCC+01	2,141.62
20S23W32CDA+01	2,196.23

Appendix IV (cont.)

Well location	Water-level elevation (ft)
20S32W16DAD+01	2,838.23
20S32W30BCD+01	2,805.46
20S33W02DBB+01	2,852.97
20S33W09BBB+01	2,870.53
20S33W17BAB+01	2,853.57
20S33W21ABA+01	2,822.82
20S33W21ABD+01	2,828.00
20S33W35DBA+01	2,822.95
20S34W15BAA+01	2,955.35
20S34W36CCD+01	2,884.16
20S35W15BBB+01	3,061.28
20S36W24ACC+01	3,099.70
20S37W29DCC+01	3,256.71
20S38W17CBD+01	3,299.97
20S38W33BBA+01	3,284.38
21S20W29BBB+01	2,054.36
21S30W05BBB+01	2,827.36
21S31W26CCC+01	2,824.81
21S32W08ABD+01	2,792.22
21S32W20CBD+01	2,787.29
21S32W26DAA+01	2,836.75
21S33W29BBC+01	2,804.23
21S34W16AADA02	2,887.93
21S39W07CBA+01	3,314.90
22S31W08CCC+01	2,810.13
22S31W16ADD+01	2,793.62
22S32W08ACB+01	2,783.97
22S32W21CDC+01	2,766.85
22S33W22BAA+01	2,773.43
22S33W36AAA+02	2,804.45
22S33W36BCC+01	2,735.18
22S34W10AAA+01	2,825.64
22S34W18CDD+01	2,836.25
22S34W26CCC+01	2,765.47
22S34W26CCC+02	2,765.75
22S35W23CDD+01	2,890.77
22S36W28DCC+01	3,037.44
22S37W34BBC+01	3,093.26
22S39W03BBB+01	3,261.48
23S26W07CCC+01	2,288.05
23S26W20CCC+01	2,546.44
23S26W26AAD+01	2,520.79
23S26W31CDD+01	2,550.36
23S27W22DAB+01	2,573.09
23S28W22DCD+01	2,653.30
23S28W34DDC+01	2,644.92
23S29W30BBB+01	2,713.58
23S29W34CDD+01	2,682.11
23S30W04ACC+01	2,777.32
23S30W19CCB+01	2,772.97
23S31W03DCD+01	2,763.22
23S31W17ABA+01	2,787.05
23S32W11ADC+01	2,781.90
23S32W31CBD+01	2,785.54
23S33W17BBB+01	2,761.46

Appendix IV (cont.)

Well location	Water-level elevation (ft)
23S33W26ABB+01	2,781.44
23S33W28CDC+01	2,798.14
23S34W17CCC+01	2,837.76
23S34W21DDC+01	2,836.59
23S35W05ACC+01	2,944.30
23S35W12CCC+01	2,862.07
23S35W16BBC+01	2,901.20
23S35W25BBB+02	2,898.04
23S36W04CBB+01	3,038.40
23S36W32BBB+01	2,988.77
23S36W35BBB+01	2,979.37
23S37W04ABC+01	3,088.25
23S37W28CCB+01	3,046.89
23S39W15ADD+01	3,193.95
23S42W19CBB+01	3,314.00
24S23W03CCC+01	2,360.23
24S24W02CCC+01	2,413.52
24S24W20CCC+01	2,446.97
24S25W22BAB+01	2,459.32
24S26W35CBC+01	2,549.49
24S27W08CCC+01	2,619.56
24S27W14ABB+01	2,589.37
24S27W29BCC+01	2,614.68
24S27W31CDD+01	2,615.20
24S28W28BBA+01	2,637.89
24S28W31DD++01	2,625.36
24S28W36ACA+01	2,620.97
24S29W16DCA+01	2,666.93
24S29W18CCB+01	2,680.99
24S30W15CCC+02	2,701.09
24S30W33ADD+01	2,693.12
24S31W27CCB+01	2,743.24
24S32W03DAC+01	2,768.26
24S32W35DD++01	2,766.58
24S33W09CCD+01	2,815.16
24S33W17DCA+01	2,808.32
24S33W18BDB+02	2,776.77
24S33W22BCC+01	2,815.73
24S33W22DCA+01	2,792.57
24S33W28DAA+01	2,786.93
24S33W29DAA+01	2,787.70
24S33W30CBB+01	2,805.40
24S33W31ABD+01	2,799.26
24S33W31ABD+02	2,819.66
24S33W31BCB+01	2,802.08
24S33W31CCA+01	2,789.78
24S33W31CDA+01	2,793.80
24S33W32ADA+01	2,792.46
24S33W34CAC+01	2,779.59
24S34W01BCBB01	2,834.62
24S35W09CCC+01	2,958.46
24S39W35CBA+01	3,130.45
24S40W31BBB+01	3,222.48
24S41W01DAD+01	3,228.04
25S20W03BCD+01	2,207.76

Appendix IV (cont.)

Well location	Water-level elevation (ft)
25S20W34CCC+01	2,210.92
25S22W20AAA+01	2,378.16
25S25W32CDD+01	2,407.40
25S26W25CDD+01	2,539.65
25S26W30ABC+01	2,563.98
25S27W33ABB+01	2,583.11
25S29W07BCB+01	2,679.65
25S29W14ABB+01	2,638.20
25S30W20BCB+01	2,719.80
25S31W21CAB+01	2,740.36
25S31W35DBA+01	2,715.71
25S32W22DBC+01	2,744.61
25S32W31DDC+01	2,750.07
25S32W35ADB+01	2,744.86
25S33W03BCC+01	2,850.21
25S33W05ABD+01	2,785.98
25S33W06BCB+01	2,798.77
25S33W07DBC+01	2,803.27
25S33W09ABD+01	2,779.26
25S33W15DAC+01	2,765.16
25S33W16DCC+01	2,830.36
25S33W17DBD+01	2,786.75
25S33W33CDA+01	2,778.85
25S33W35DBD+01	2,761.00
25S34W06AAA+01	2,851.39
25S34W10ABB+01	2,855.78
25S34W34DBD+01	2,799.24
25S35W02BAA+01	2,881.56
25S35W04BDD+01	2,916.70
25S35W17AAA+01	2,885.77
25S35W26BAB+01	2,847.97
25S36W14B+++01	2,955.22
25S36W28BBD+01	2,933.63
25S36W35CCA+01	2,911.89
25S37W25BAD+02	2,980.14
25S38W02BDA+01	3,061.64
25S38W08CAA+01	3,095.00
25S38W20ACC+01	3,093.21
25S38W26ACC+01	3,068.65
25S39W02CAD+01	3,122.67
25S39W23BDD+01	3,196.24
25S40W01CA++01	3,167.33
25S43W25CCD+01	3,336.15
26S20W20BBC+01	2,239.03
26S21W25CCC+01	2,263.48
26S22W21DCD+01	2,336.47
26S24W29DDD+01	2,430.89
26S24W31DDA+01	2,441.36
26S24W33CDA+01	2,430.22
26S25W16DCC+01	2,476.01
26S26W18CCB+01	2,545.33
26S26W32DCC+01	2,523.89
26S26W36DCC+01	2,491.94
26S27W13BBC+01	2,556.82
26S27W27CDD+01	2,552.46

Appendix IV (cont.)

Well location	Water-level elevation (ft)
26S28W06DDB+01	2,632.10
26S29W15BCA+01	2,636.00
26S29W35CCC+01	2,626.78
26S30W01ABC+01	2,668.03
26S30W24DDD+01	2,649.12
26S31W01DDA+01	2,695.19
26S31W06BBBB01	2,731.35
26S31W31CDC+01	2,692.24
26S31W36CAB+01	2,679.87
26S32W22ABB+01	2,742.14
26S33W17DBD+01	2,771.79
26S33W26ABB+01	2,745.99
26S34W05ADC+01	2,819.66
26S34W21BBD+01	2,806.17
26S35W06ACC+01	2,896.83
26S35W29BBD+01	2,849.95
26S36W22CCA+01	2,898.65
26S37W06ACB+01	3,062.04
26S41W20BCD+01	3,276.30
26S41W32DDB+01	3,195.24
26S41W36CCC+01	3,201.42
26S42W10BB++02	3,276.82
26S42W17CBB+01	3,275.17
26S42W22DCC+01	3,227.07
26S43W25DCC+01	3,278.37
27S20W32ABD+01	2,260.78
27S21W10DBB+01	2,283.55
27S22W09DAB+01	2,353.79
27S23W36CCC+01	2,380.66
27S24W03BBD+01	2,429.30
27S24W03CDD+01	2,429.18
27S24W09AAD+01	2,422.60
27S24W16BDB+01	2,434.56
27S24W26DAA+01	2,417.21
27S25W09ACA+01	2,475.09
27S25W25BBB+01	2,452.78
27S27W01BAA+01	2,538.12
27S27W07ADC+01	2,579.41
27S27W10CDB+01	2,559.87
27S27W25CCD+01	2,543.42
27S28W05AAA+01	2,600.35
27S28W30CCA+01	2,620.47
27S29W27CAA+01	2,641.45
27S30W08BBB+01	2,667.26
27S30W23BBA+01	2,647.48
27S30W34CCC+01	2,647.12
27S31W24CDC+01	2,653.79
27S31W31BCC+01	2,679.59
27S32W03CBB+01	2,715.47
27S32W06CBB+01	2,733.11
27S32W19CCD+01	2,700.78
27S33W29DAA+01	2,704.05
27S34W16DDD+01	2,793.94
27S34W28DAA+02	2,788.49
27S35W17ADD+01	2,825.56

Appendix IV (cont.)

Well location	Water-level elevation (ft)
27S35W25BDC+01	2,802.93
27S36W18DCB+01	2,861.38
27S36W21DCC+01	2,841.94
27S36W25CC++01	2,814.30
27S37W04ABB+01	2,891.57
27S37W11ABA+01	2,884.32
27S37W16AAD+01	2,849.09
27S37W21BDD+01	2,848.45
27S38W12ADC+01	2,871.15
27S38W22CBB+01	2,944.40
27S38W23CBB+01	2,944.08
27S38W32BCC+01	2,961.00
27S39W27BBA+01	2,969.44
27S40W07ABB+01	3,127.21
27S40W16CCC+01	3,127.92
27S40W25CBC+01	3,046.45
27S41W07DCC+01	3,195.57
27S41W31CCB+02	3,144.81
27S41W35CCC+01	3,154.07
27S42W17CCC+01	3,264.83
27S42W31CCC+01	3,289.54
27S43W02BBD+01	3,301.32
28S20W30ACA+01	2,276.03
28S21W10DDD+01	2,303.40
28S21W23DBC+01	2,293.26
28S21W25ABB+01	2,292.18
28S22W05ADD+01	2,350.75
28S22W12CAC+01	2,339.60
28S22W32BAB+01	2,346.82
28S23W18BAB+01	2,405.94
28S23W24ABB+01	2,367.01
28S24W08DCC+01	2,433.39
28S24W22CDA+01	2,390.58
28S24W35CAB+01	2,420.67
28S25W06ABB+01	2,487.19
28S25W19BBB+01	2,480.70
28S26W06ABB+01	2,507.95
28S26W10BAA+01	2,504.80
28S26W13CAA+01	2,492.03
28S27W03BBB+01	2,565.79
28S28W07CDD+01	2,576.26
28S28W20ADD+02	2,647.21
28S29W16ACC+01	2,632.08
28S30W10DDD+01	2,633.70
28S30W17BBA+01	2,641.50
28S30W24BAB+01	2,627.08
28S31W35CCB+01	2,635.06
28S32W18BBB+01	2,634.04
28S32W24BCC+01	2,676.50
28S33W20DDD+01	2,644.72
28S34W15DAB+01	2,650.20
28S35W03DBB+01	2,789.35
28S35W05BCC+01	2,786.20
28S35W15CBB+01	2,761.67
28S35W36ABC+01	2,706.67

Appendix IV (cont.)

Well location	Water-level elevation (ft)
28S36W18ABC+01	2,813.70
28S36W21CDD+01	2,777.28
28S37W02BBB+04	2,818.59
28S37W10BCD+02	2,830.54
28S38W12BCB+01	2,881.71
28S38W17AAA+01	2,879.07
28S38W33BDB+01	2,909.51
28S39W14BBC+01	3,004.12
28S39W16CCC+01	2,986.26
28S39W33ACC+01	3,012.92
28S39W36ABB+01	2,944.18
28S40W04CCC+01	3,062.54
28S40W12DDD+02	3,006.34
28S40W32CCB+01	3,065.12
28S41W02CCC+01	3,104.95
28S41W34BDD+01	3,063.33
28S42W06DBB+01	3,284.76
28S42W08CCC+01	3,264.53
28S42W20BCC+01	3,301.52
29S21W05BBB+01	2,316.56
29S21W20CAD+01	2,309.31
29S22W17DAD+01	2,338.60
29S22W36ACA+01	2,307.70
29S24W01ABA+01	2,413.52
29S24W13BCA+01	2,414.44
29S24W18BAA+01	2,449.79
29S25W03ADA+01	2,439.80
29S25W10BBBC01	2,451.67
29S26W01CDD+01	2,482.46
29S26W20BDD+01	2,465.09
29S26W29ABB+01	2,460.59
29S26W36BBB+01	2,498.41
29S27W30BCC+01	2,509.20
29S28W28CDC+01	2,555.23
29S29W10ABB+01	2,613.82
29S29W27BCB+01	2,591.18
29S30W22BBC+01	2,611.02
29S30W35ACD+01	2,594.80
29S31W09CB++01	2,636.30
29S31W34BCA+01	2,621.22
29S32W04AAA+01	2,646.69
29S32W19CCC+01	2,609.96
29S32W26CBB+02	2,621.60
29S33W01AAB+01	2,595.57
29S33W28BCB+01	2,640.75
29S33W34DDD+01	2,620.28
29S35W07CBD+01	2,761.66
29S35W24BAA+01	2,692.32
29S35W28ACC+01	2,709.58
29S36W19BCB+01	2,780.16
29S36W33ADB+01	2,763.93
29S37W03CDB+01	2,801.47
29S37W08CBA+01	2,818.80
29S37W29BBA+01	2,813.94
29S38W20CDC+01	2,946.40

Appendix IV (cont.)

Well location	Water-level elevation (ft)
29S38W35CCD+01	2,938.74
29S39W21DBD+01	2,986.49
29S39W24DDA+01	2,969.58
29S40W28ABB+01	3,031.74
29S41W13ACC+01	3,064.79
29S42W24CCC+01	3,274.22
30S23W06AAA+01	2,411.37
30S26W04CBB+01	2,460.01
30S26W13ABB+01	2,507.32
30S26W32DDD+01	2,466.97
30S27W20ABA+01	2,491.14
30S27W23ABB+01	2,473.65
30S27W27BBB+01	2,482.40
30S27W32DDD+01	2,466.42
30S28W17ABB+01	2,538.90
30S28W33AAA+01	2,517.15
30S29W23CAD+01	2,554.68
30S29W28BBB+01	2,566.21
30S30W06CCC+01	2,610.93
30S30W28ABB+01	2,593.64
30S31W24BBC+01	2,614.10
30S31W26ABB+01	2,596.52
30S32W11BBB+01	2,612.50
30S32W31BAB+01	2,631.76
30S34W05BBB+01	2,694.57
30S34W30ADD+02	2,723.87
30S35W02DBC+01	2,701.58
30S35W19BCD+01	2,798.04
30S36W01BBB+01	2,753.17
30S36W04ABB+01	2,884.64
30S36W32BBC+01	2,888.17
30S37W02BAA+02	2,793.52
30S37W03DBA+01	2,824.74
30S37W20CBC+01	2,897.38
30S38W13CCC+01	2,914.55
30S38W15DBC+01	2,947.23
30S38W30ACA+01	2,959.66
30S39W23BBB+01	3,015.98
30S40W12BBB+01	3,014.90
30S40W24CDC+01	3,058.76
30S41W13CCC+02	3,140.12
30S41W23DDB+01	3,169.93
30S43W34BBB+01	3,538.46
30S43W36BB++01	3,511.42
31S26W30BBB+01	2,410.56
31S27W20AAA+02	2,426.52
31S28W02CCC+01	2,487.85
31S28W10BCB+01	2,472.90
31S28W26ABB+01	2,450.44
31S29W02DBB+01	2,545.02
31S29W25AAA+02	2,506.09
31S29W30AAA+01	2,564.75
31S30W16BBC+01	2,566.02
31S31W08BCC+01	2,587.03
31S32W03DAD+01	2,605.63

Appendix IV (cont.)

Well location	Water-level elevation (ft)
31S32W31BBB+01	2,639.41
31S33W06CBD+01	2,691.87
31S33W20DBB+01	2,676.47
31S34W18BBB+01	2,717.76
31S35W15BAA+01	2,716.51
31S35W26DCC+01	2,692.20
31S36W02CDD+01	2,840.50
31S36W24BCB+01	2,801.12
31S36W27BCB+01	2,872.35
31S37W09BBC+01	2,877.80
31S37W22BCC+01	2,864.77
31S37W30DDB+01	2,911.23
31S38W17CDA+01	2,985.61
31S39W18CCC+01	3,032.62
31S39W23BBB+01	3,021.21
31S39W33BCC+01	3,024.98
31S40W29ABB+01	3,144.78
31S42W29AAB+01	3,410.53
31S43W03CB++01	3,543.70
32S28W04ADD+01	2,471.03
32S29W05CC++01	2,560.17
32S29W27AAB+02	2,537.41
32S30W09CCC+01	2,560.65
32S31W02BBB+01	2,574.38
32S31W08BBB+01	2,598.76
32S31W26CAA+01	2,557.17
32S32W14BBB+01	2,595.47
32S32W19BAB+01	2,629.48
32S33W04BAA+01	2,663.19
32S33W32DBD+01	2,668.22
32S34W10DAA+01	2,685.38
32S34W32BBB+01	2,737.99
32S35W08DDD+01	2,838.46
32S36W21AAC+01	2,872.62
32S37W10DCC+01	2,944.36
32S37W26BAC+01	2,993.66
32S38W11ADA+01	3,022.47
32S38W23BDD+01	3,034.02
32S39W02BBB+01	3,017.93
32S39W14DDD+01	3,127.22
32S40W07BDC+01	3,190.22
32S40W21ADB+01	3,145.57
32S41W15CDC+01	3,338.08
32S41W35DCC+01	3,235.90
32S42W14CCC+01	3,373.63
32S42W21BCC+01	3,367.74
32S42W26CDD+01	3,359.11
32S43W08CBD+01	3,512.25
32S43W17DCC+01	3,550.75
32S43W28BBC+01	3,459.19
33S28W29BCB+01	2,356.23
33S29W36AAB+01	2,374.42
33S30W21ACC+01	2,519.14
33S31W09AAB+01	2,554.77
33S31W28DDB+01	2,528.49

Appendix IV (cont.)

Well location	Water-level elevation (ft)
33S32W28CDD+02	2,571.05
33S33W12AAD+01	2,614.69
33S33W20BCC+01	2,661.41
33S33W25DCC+01	2,607.20
33S34W17DCC+01	2,793.22
33S35W23CBB+01	2,830.23
33S36W26DDD+01	2,878.21
33S37W17CCC+01	3,016.17
33S37W23CDB+01	2,993.44
33S38W06AAB+01	3,108.66
33S38W10ACC+01	3,018.70
33S38W20ddb+01	3,036.72
33S39W04DBB+01	3,133.55
33S39W16ABB+01	3,152.88
33S40W27CCC+01	3,225.84
33S41W03AAD+01	3,277.40
33S41W33DDD+01	3,308.75
33S42W05DCC+01	3,163.63
33S42W21BCB+01	3,437.79
33S43W08BDA+01	3,533.25
33S43W09DBA+01	3,521.62
34S28W05BDA+01	2,324.74
34S30W22CBC+01	2,477.52
34S31W30BBB+01	2,517.48
34S32W29BAA+01	2,593.33
34S32W35ADA+01	2,539.03
34S33W07CCB+01	2,759.74
34S34W16DAA+01	2,809.73
34S34W26BCA+01	2,791.69
34S35W03DCC+01	2,830.84
34S35W07CBB+01	2,834.90
34S35W26ACC+01	2,842.60
34S36W10CAC+01	2,901.22
34S36W21DBD+01	2,912.48
34S37W08DAC+01	3,026.03
34S37W27ABC+02	3,004.35
34S37W29BBD+01	3,018.15
34S37W35AAD+01	2,984.51
34S38W02ADC+01	3,017.64
34S38W34CAA+01	3,027.55
34S39W02CCA+01	3,145.39
34S39W06CCA+01	3,189.72
34S39W15CAD+01	3,141.89
34S40W16ABB+01	3,217.69
34S41W26DCD+01	3,196.31
34S41W28CBA+01	3,174.88
34S42W05BDC+01	3,409.18
34S42W22CDB+01	3,412.43
35S30W10CDA+01	2,367.74
35S31W10AAC+01	2,493.61
35S31W18BBA+01	2,512.83
35S32W06CBB+01	2,612.25
35S33W16BCA+01	2,703.57
35S34W03CBC+01	2,812.36
35S34W10BBB+01	2,828.32

Appendix IV (cont.)

Well location	Water-level elevation (ft)
35S35W15BCC+01	2,864.83
35S36W01AAA+01	2,889.91
35S36W15AAD+01	2,915.20
35S37W16BCC+01	3,000.35
35S39W06CDD+01	3,111.42
35S39W10CAD+01	3,102.79
35S40W03BBB+02	3,188.22
35S41W16CCD+01	3,165.66
35S42W02DBB+01	3,381.06
35S43W04AAC+01	3,465.65
35S43W13BDB+01	3,424.15

A Guide to the M-33 Map Series:
Saturated Thickness of the High Plains Aquifer in the Southwest Kansas
Groundwater Management District

Appendix V
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)*
1	21 33W 6	2835	2,846.809	11
2	21 33W 5	2815	2,836.632	21
3	21 33W 4	2795	2,828.101	33
4	21 33W 3	2760	2,819.973	59
5	21 33W 2	2745	2,812.425	67
6	21 33W 1	2745	2,801.671	56
7	21 32W 6	2745	2,794.896	49
8	21 32W 5	2765	2,795.317	30
9	21 32W 4	2780	2,797.809	17
10	21 32W 3	2785	2,801.221	16
11	21 32W 1	2795	2,812.139	-99
12	21 32W 2	2790	2,806.051	-99
13	21 34W 6	2960	2,944.182	-16
14	21 34W 5	2920	2,927.497	-99
15	21 34W 4	2890	2,911.330	21
16	21 34W 3	2880	2,889.536	9
17	21 34W 2	2860	2,872.589	12
18	21 34W 1	2850	2,858.011	8
19	21 30W 5	2780	2,824.676	-99
20	21 30W 6	2785	2,830.473	-99
21	21 31W 1	2790	2,835.282	-99
22	21 31W 2	2790	2,837.231	-99
23	21 31W 3	2805	2,835.877	-99
24	21 31W 4	2810	2,831.616	-99
25	21 31W 5	2820	2,825.814	-99
26	21 31W 6	2810	2,819.064	-99
27	21 34W 7	2965	2,933.640	-32
28	21 34W 8	2915	2,917.359	-99
29	21 34W 9	2890	2,901.425	11
30	21 34W 10	2870	2,883.904	13
31	21 34W 11	2860	2,866.010	6
32	21 34W 12	2840	2,849.038	9
33	21 33W 7	2825	2,836.186	11
34	21 33W 8	2810	2,826.053	16
35	21 33W 9	2790	2,818.765	28
36	21 30W 7	2785	2,829.961	-99
37	21 33W 10	2770	2,812.205	42
38	21 31W 12	2790	2,834.719	-99
39	21 33W 11	2750	2,806.130	56

*The missing data values that are commonly used in the Geohydrology Section of the Kansas Geological Survey are usually '9999' or '-9999'.

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
40	21 31W 11	2795	2,839.936	-99
41	21 33W 12	2720	2,799.133	79
42	21 31W 10	2810	2,841.817	-99
43	21 32W 7	2720	2,790.930	70
44	21 31W 9	2810	2,839.908	-99
45	21 32W 8	2760	2,790.125	30
46	21 31W 8	2820	2,834.719	-99
47	21 32W 9	2765	2,794.317	29
48	21 31W 7	2810	2,827.079	-99
49	21 32W 10	2780	2,800.645	20
50	21 32W 12	2795	2,817.628	-99
51	21 32W 11	2790	2,808.626	-99
52	21 30W 8	2780	2,824.754	-99
53	21 34W 16	2910	2,891.717	-19
54	21 34W 15	2885	2,875.093	-10
55	21 34W 14	2860	2,858.006	-2
56	21 34W 13	2840	2,839.755	-1
57	21 33W 18	2820	2,825.420	5
58	21 33W 17	2805	2,814.934	9
59	21 33W 16	2780	2,807.824	27
60	21 33W 15	2765	2,801.807	36
61	21 33W 14	2740	2,797.348	57
62	21 33W 13	2695	2,793.460	98
63	21 32W 18	2720	2,789.931	69
64	21 32W 17	2755	2,788.637	33
65	21 32W 16	2760	2,797.014	37
66	21 31W 18	2810	2,839.815	-99
67	21 32W 15	2775	2,811.210	36
68	21 32W 13	2800	2,833.232	-99
69	21 32W 14	2785	2,823.190	38
70	21 34W 18	2975	2,923.296	-52
71	21 34W 17	2940	2,906.979	-34
72	21 30W 17	2785	2,824.049	-99
73	21 30W 18	2790	2,828.347	-99
74	21 31W 13	2795	2,831.729	-99
75	21 31W 14	2800	2,835.703	-99
76	21 31W 15	2810	2,840.623	-99
77	21 31W 16	2810	2,843.948	-99
78	21 31W 17	2810	2,843.503	-99
79	21 34W 19	2970	2,913.247	-57
80	21 34W 20	2945	2,896.903	-49
81	21 34W 21	2920	2,879.848	-41
82	21 34W 22	2895	2,865.213	-30
83	21 34W 23	2865	2,847.526	-18

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
84	21 34W 24	2830	2,829.957	-1
85	21 33W 19	2805	2,815.006	10
86	21 33W 20	2780	2,804.844	24
87	21 33W 21	2760	2,796.953	36
88	21 30W 19	2790	2,825.690	-99
89	21 33W 22	2760	2,791.365	31
90	21 31W 24	2790	2,828.001	-99
91	21 33W 23	2735	2,788.515	53
92	21 31W 23	2795	2,830.946	-99
93	21 33W 24	2695	2,787.277	92
94	21 31W 22	2810	2,833.847	-99
95	21 32W 19	2700	2,787.096	87
96	21 31W 21	2810	2,838.269	-99
97	21 32W 20	2740	2,788.106	48
98	21 31W 20	2810	2,842.327	-99
99	21 32W 21	2760	2,798.413	38
100	21 31W 19	2810	2,842.144	-99
101	21 32W 22	2770	2,819.466	49
102	21 32W 24	2805	2,839.463	34
103	21 32W 23	2790	2,833.429	43
104	21 30W 20	2790	2,822.291	-99
105	21 34W 29	2935	2,886.496	-49
106	21 34W 28	2910	2,867.198	-43
107	21 34W 27	2890	2,856.148	-34
108	21 34W 26	2865	2,840.118	-25
109	21 34W 25	2830	2,822.479	-8
110	21 33W 30	2800	2,807.509	7
111	21 33W 29	2770	2,797.588	27
112	21 33W 28	2745	2,790.086	45
113	21 33W 27	2720	2,786.060	66
114	21 33W 26	2725	2,784.580	59
115	21 33W 25	2705	2,784.607	79
116	21 32W 30	2675	2,785.064	110
117	21 31W 28	2805	2,831.534	26
118	21 32W 29	2710	2,787.365	77
119	21 31W 29	2810	2,836.108	26
120	21 32W 28	2750	2,800.035	50
121	21 31W 30	2810	2,839.071	29
122	21 32W 27	2760	2,820.774	60
123	21 32W 25	2795	2,838.523	43
124	21 32W 26	2775	2,834.784	59
125	21 34W 30	2965	2,902.195	-63
126	21 30W 29	2795	2,819.649	-99
127	21 30W 30	2795	2,821.667	-99

Kansas Geological Survey

Open File Report 1992-45

Missing Pages #4-22 of Appendix V

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
964	24 33W 11	2495	2,796.234	301
965	24 38W 9	3150	3,105.167	-45
966	24 33W 12	2525	2,788.103	263
967	24 32W 7	2550	2,781.794	231
968	24 36W 9	2890	2,975.792	85
969	24 38W 10	3150	3,092.257	-58
970	24 36W 10	2890	2,979.388	89
971	24 38W 11	3100	3,079.322	-21
972	24 36W 11	2890	2,973.270	83
973	24 36W 12	2890	2,975.085	85
974	24 38W 12	3060	3,066.054	6
975	24 35W 7	2725	2,975.095	250
976	24 37W 7	3030	3,053.978	23
977	24 35W 8	2660	2,967.383	307
978	24 35W 9	2625	2,952.495	327
979	24 37W 8	3000	3,042.390	42
980	24 37W 9	2990	3,031.320	41
981	24 37W 10	2995	3,018.894	23
982	24 34W 8	2560	2,861.507	301
983	24 37W 11	2975	3,006.121	31
984	24 34W 9	2550	2,851.181	301
985	24 34W 10	2525	2,847.792	322
986	24 34W 11	2515	2,838.031	323
987	24 37W 12	2960	2,994.164	34
988	24 34W 12	2550	2,816.111	266
989	24 33W 7	2560	2,802.102	242
990	24 36W 7	2925	2,984.367	59
991	24 33W 8	2540	2,816.392	276
992	24 33W 9	2525	2,813.695	288
993	24 33W 10	2520	2,808.349	288
994	24 36W 8	2900	2,977.602	77
995	24 31W 9	2625	2,759.479	134
996	24 32W 8	2560	2,775.652	215
997	24 31W 8	2625	2,761.339	136
998	24 32W 9	2560	2,770.638	210
999	24 31W 7	2610	2,761.197	151
1000	24 32W 10	2565	2,767.264	202
1001	24 32W 12	2615	2,761.989	146
1002	24 32W 11	2585	2,764.250	179
1003	24 28W 10	2540	2,641.573	101
1004	24 28W 9	2545	2,647.296	102
1005	24 28W 8	2540	2,652.783	112
1006	24 28W 7	2535	2,658.229	123
1007	24 35W 10	2610	2,935.583	325

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1008	24 29W 12	2550	2,663.781	113
1009	24 35W 11	2590	2,915.438	325
1010	24 29W 11	2570	2,668.180	98
1011	24 35W 12	2570	2,894.115	324
1012	24 29W 10	2570	2,671.863	101
1013	24 34W 7	2565	2,877.773	312
1014	24 29W 9	2575	2,676.950	101
1015	24 27W 12	2560	2,574.758	14
1016	24 29W 8	2600	2,681.359	81
1017	24 29W 7	2610	2,685.647	75
1018	24 27W 11	2560	2,588.255	28
1019	24 30W 12	2615	2,692.421	77
1020	24 30W 11	2635	2,700.313	65
1021	24 30W 10	2650	2,708.997	58
1022	24 27W 10	2570	2,598.224	28
1023	24 30W 9	2640	2,719.080	79
1024	24 30W 8	2660	2,728.837	68
1025	24 30W 7	2665	2,738.759	73
1026	24 27W 9	2575	2,607.159	32
1027	24 31W 12	2660	2,747.904	87
1028	24 31W 11	2640	2,754.211	114
1029	24 31W 10	2635	2,756.649	121
1030	24 27W 8	2580	2,616.012	36
1031	24 27W 7	2570	2,624.413	54
1032	24 28W 12	2545	2,631.460	86
1033	24 28W 11	2540	2,636.641	96
1034	24 37W 18	3040	3,050.457	-99
1035	24 37W 17	3010	3,039.316	-99
1036	24 37W 16	3025	3,028.778	-99
1037	24 37W 15	3035	3,016.948	-19
1038	24 37W 14	3015	3,004.303	-11
1039	24 38W 18	3200	3,124.461	-76
1040	24 34W 14	2490	2,832.373	342
1041	24 37W 13	2990	2,992.181	2
1042	24 34W 13	2510	2,820.356	310
1043	24 38W 17	3190	3,111.485	-79
1044	24 33W 18	2525	2,778.310	253
1045	24 33W 17	2510	2,807.308	297
1046	24 36W 18	2960	2,982.142	22
1047	24 33W 16	2515	2,814.511	299
1048	24 33W 15	2515	2,803.680	288
1049	24 33W 14	2490	2,792.959	302
1050	24 38W 16	3165	3,099.536	-66
1051	24 33W 13	2540	2,786.731	246

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1052	24 36W 17	2950	2,976.542	26
1053	24 32W 18	2560	2,779.652	219
1054	24 32W 17	2555	2,774.099	219
1055	24 32W 16	2545	2,770.164	225
1056	24 31W 18	2600	2,758.256	158
1057	24 32W 15	2550	2,767.460	217
1058	24 32W 13	2600	2,760.690	160
1059	24 32W 14	2575	2,765.050	190
1060	24 36W 16	2895	2,973.005	78
1061	24 38W 15	3145	3,087.209	-58
1062	24 36W 15	2890	2,976.972	86
1063	24 38W 14	3115	3,074.778	-41
1064	24 36W 14	2760	2,972.428	212
1065	24 36W 13	2730	2,975.615	245
1066	24 38W 13	3080	3,061.962	-19
1067	24 35W 18	2675	2,974.953	299
1068	24 35W 17	2640	2,964.802	324
1069	24 35W 16	2615	2,949.213	334
1070	24 35W 15	2595	2,932.413	337
1071	24 35W 14	2590	2,912.312	322
1072	24 35W 13	2585	2,890.494	305
1073	24 34W 18	2560	2,873.755	313
1074	24 34W 17	2545	2,858.314	313
1075	24 34W 16	2525	2,850.879	325
1076	24 34W 15	2495	2,843.492	348
1077	24 27W 15	2570	2,600.070	30
1078	24 27W 16	2580	2,608.050	28
1079	24 31W 13	2635	2,738.686	103
1080	24 31W 14	2615	2,746.470	131
1081	24 31W 15	2615	2,750.885	135
1082	24 27W 17	2570	2,615.785	45
1083	24 31W 16	2615	2,754.489	139
1084	24 31W 17	2615	2,756.736	141
1085	24 27W 18	2565	2,623.316	58
1086	24 28W 13	2550	2,629.893	79
1087	24 28W 14	2540	2,634.581	94
1088	24 28W 15	2520	2,638.593	118
1089	24 28W 16	2520	2,643.697	123
1090	24 28W 17	2530	2,648.806	118
1091	24 28W 18	2525	2,653.664	128
1092	24 29W 13	2520	2,657.493	137
1093	24 29W 14	2540	2,660.330	120
1094	24 29W 15	2545	2,664.375	119
1095	24 29W 16	2560	2,669.869	109

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1096	24 27W 13	2560	2,581.394	21
1097	24 29W 17	2585	2,674.880	89
1098	24 29W 18	2585	2,679.953	94
1099	24 27W 14	2565	2,590.886	25
1100	24 30W 13	2600	2,686.575	86
1101	24 30W 14	2620	2,693.390	73
1102	24 30W 15	2610	2,700.923	90
1103	24 30W 16	2610	2,709.654	99
1104	24 30W 17	2625	2,718.783	93
1105	24 30W 18	2625	2,728.518	103
1106	24 38W 19	3205	3,119.285	-86
1107	24 38W 20	3190	3,106.718	-84
1108	24 33W 19	2490	2,791.725	301
1109	24 33W 20	2475	2,803.071	328
1110	24 33W 21	2510	2,811.469	301
1111	24 33W 22	2510	2,795.302	285
1112	24 33W 23	2465	2,789.366	324
1113	24 38W 21	3180	3,094.583	-86
1114	24 36W 20	2955	2,976.270	21
1115	24 33W 24	2555	2,783.367	228
1116	24 32W 19	2560	2,778.579	218
1117	24 32W 20	2560	2,774.853	214
1118	24 36W 21	2760	2,973.072	213
1119	24 38W 22	3150	3,082.823	-68
1120	24 36W 22	2735	2,974.683	239
1121	24 38W 23	3125	3,070.867	-55
1122	24 36W 23	2695	2,971.152	276
1123	24 36W 24	2690	2,973.794	283
1124	24 38W 24	3095	3,058.466	-37
1125	24 35W 19	2650	2,971.003	321
1126	24 37W 19	3040	3,047.085	-99
1127	24 35W 20	2640	2,959.649	319
1128	24 35W 21	2635	2,943.628	308
1129	24 37W 20	3045	3,036.492	-9
1130	24 35W 22	2625	2,925.712	300
1131	24 37W 21	3070	3,026.572	-44
1132	24 37W 22	3060	3,015.514	-45
1133	24 34W 20	2585	2,854.768	269
1134	24 34W 21	2565	2,847.638	282
1135	24 37W 23	3015	3,003.187	-12
1136	24 34W 22	2525	2,837.241	312
1137	24 34W 23	2485	2,825.327	340
1138	24 37W 24	2990	2,990.938	0
1139	24 34W 24	2465	2,813.013	348

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1140	24 36W 19	2960	2,980.674	20
1141	24 31W 21	2590	2,750.479	160
1142	24 31W 20	2600	2,753.772	153
1143	24 32W 21	2525	2,772.186	247
1144	24 31W 19	2590	2,757.977	167
1145	24 32W 22	2535	2,769.988	234
1146	24 32W 24	2585	2,763.932	178
1147	24 32W 23	2575	2,768.131	193
1148	24 28W 24	2555	2,626.969	71
1149	24 28W 23	2535	2,631.430	96
1150	24 28W 22	2515	2,635.439	120
1151	24 28W 21	2510	2,639.806	129
1152	24 28W 20	2520	2,644.348	124
1153	24 28W 19	2515	2,648.076	133
1154	24 29W 24	2495	2,651.560	156
1155	24 35W 23	2620	2,906.106	286
1156	24 29W 23	2510	2,654.878	144
1157	24 35W 24	2610	2,885.447	275
1158	24 29W 22	2540	2,659.710	119
1159	24 34W 19	2600	2,868.475	268
1160	24 29W 21	2540	2,666.319	126
1161	24 27W 24	2565	2,583.402	18
1162	24 29W 20	2565	2,671.545	106
1163	24 29W 19	2565	2,676.166	111
1164	24 27W 23	2565	2,592.115	27
1165	24 30W 24	2585	2,682.319	97
1166	24 30W 23	2600	2,688.047	88
1167	24 27W 22	2565	2,599.836	34
1168	24 30W 22	2590	2,694.379	104
1169	24 30W 21	2595	2,702.816	107
1170	24 30W 20	2590	2,711.992	121
1171	24 27W 21	2560	2,606.262	46
1172	24 30W 19	2595	2,721.491	126
1173	24 31W 24	2610	2,730.896	120
1174	24 31W 23	2600	2,739.255	139
1175	24 31W 22	2595	2,745.405	150
1176	24 27W 20	2560	2,613.449	53
1177	24 27W 19	2560	2,621.324	61
1178	24 37W 30	3060	3,044.208	-16
1179	24 37W 29	3085	3,034.122	-51
1180	24 37W 28	3080	3,024.757	-56
1181	24 37W 27	3040	3,014.424	-26
1182	24 37W 26	3000	3,002.589	2
1183	24 38W 30	3160	3,113.310	-47

Appendix V (cont.)
 Saturated Thickness Values
 Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1184	24 34W 27	2550	2,832.003	282
1185	24 34W 26	2500	2,821.961	321
1186	24 37W 25	2990	2,990.311	0
1187	24 34W 25	2460	2,810.913	350
1188	24 38W 29	3160	3,101.784	-59
1189	24 33W 30	2450	2,801.154	351
1190	24 36W 30	2975	2,979.694	4
1191	24 33W 29	2445	2,791.094	346
1192	24 33W 28	2500	2,788.831	288
1193	24 33W 27	2505	2,788.318	283
1194	24 33W 26	2445	2,783.995	338
1195	24 38W 28	3175	3,090.042	-85
1196	24 36W 29	2940	2,976.390	36
1197	24 33W 25	2540	2,779.868	239
1198	24 32W 30	2560	2,777.323	217
1199	24 32W 29	2555	2,775.505	220
1200	24 32W 28	2520	2,773.817	253
1201	24 31W 30	2585	2,760.327	175
1202	24 32W 27	2540	2,771.922	231
1203	24 32W 25	2565	2,766.595	201
1204	24 32W 26	2565	2,769.896	204
1205	24 36W 28	2760	2,974.094	214
1206	24 38W 27	3160	3,078.534	-82
1207	24 36W 27	2740	2,972.204	232
1208	24 38W 26	3140	3,066.378	-74
1209	24 36W 26	2690	2,969.041	279
1210	24 36W 25	2670	2,969.633	299
1211	24 38W 25	3105	3,054.990	-51
1212	24 35W 30	2660	2,963.816	303
1213	24 35W 29	2655	2,951.705	296
1214	24 35W 28	2635	2,936.890	301
1215	24 35W 27	2630	2,913.844	283
1216	24 35W 26	2620	2,897.046	277
1217	24 35W 25	2615	2,879.605	264
1218	24 34W 30	2610	2,863.516	253
1219	24 27W 25	2560	2,583.810	23
1220	24 34W 29	2590	2,851.266	261
1221	24 34W 28	2570	2,842.036	272
1222	24 27W 26	2565	2,591.843	26
1223	24 27W 27	2565	2,598.435	33
1224	24 30W 29	2580	2,706.481	126
1225	24 30W 30	2580	2,716.388	136
1226	24 27W 28	2560	2,604.513	44
1227	24 31W 25	2590	2,726.341	136

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1228	24 31W 26	2595	2,734.929	139
1229	24 31W 27	2590	2,741.531	151
1230	24 31W 28	2590	2,747.143	157
1231	24 31W 29	2590	2,753.138	163
1232	24 27W 29	2550	2,611.467	61
1233	24 27W 30	2550	2,618.555	68
1234	24 28W 25	2550	2,623.608	73
1235	24 28W 26	2540	2,627.136	87
1236	24 28W 27	2520	2,630.821	110
1237	24 28W 28	2495	2,635.036	140
1238	24 28W 29	2510	2,637.241	127
1239	24 28W 30	2505	2,637.312	132
1240	24 29W 25	2490	2,638.863	148
1241	24 29W 26	2505	2,646.225	141
1242	24 29W 27	2515	2,655.743	140
1243	24 29W 28	2525	2,663.247	138
1244	24 29W 29	2545	2,670.562	125
1245	24 29W 30	2555	2,675.051	120
1246	24 30W 25	2565	2,680.564	115
1247	24 30W 26	2580	2,684.580	104
1248	24 30W 27	2575	2,690.116	115
1249	24 30W 28	2580	2,697.506	117
1250	24 38W 31	3085	3,107.875	22
1251	24 34W 36	2465	2,807.261	342
1252	24 38W 32	3095	3,097.256	2
1253	24 33W 31	2435	2,798.026	363
1254	24 33W 32	2440	2,793.620	353
1255	24 36W 31	2985	2,979.509	-6
1256	24 33W 33	2460	2,786.671	326
1257	24 33W 34	2465	2,780.127	315
1258	24 33W 35	2445	2,777.735	332
1259	24 38W 33	3125	3,086.244	-39
1260	24 33W 36	2490	2,775.978	285
1261	24 36W 32	2940	2,976.360	36
1262	24 32W 31	2540	2,774.734	234
1263	24 32W 32	2520	2,773.578	253
1264	24 32W 33	2495	2,772.295	277
1265	24 32W 34	2550	2,770.870	220
1266	24 36W 33	2760	2,974.134	214
1267	24 38W 34	3160	3,075.005	-85
1268	24 36W 34	2710	2,969.970	259
1269	24 38W 35	3155	3,063.099	-92
1270	24 36W 35	2675	2,966.195	291
1271	24 36W 36	2660	2,963.921	303

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1272	24 38W 36	3120	3,051.906	-69
1273	24 35W 31	2630	2,954.808	324
1274	24 37W 31	3095	3,041.290	-54
1275	24 35W 32	2595	2,941.712	346
1276	24 35W 33	2595	2,927.734	332
1277	24 37W 32	3105	3,031.681	-74
1278	24 35W 34	2595	2,904.406	309
1279	24 35W 35	2600	2,886.807	286
1280	24 37W 33	3060	3,022.313	-38
1281	24 37W 34	3035	3,013.135	-22
1282	24 34W 32	2585	2,847.587	262
1283	24 37W 35	3020	3,001.993	-19
1284	24 34W 33	2570	2,838.166	268
1285	24 34W 34	2560	2,828.840	268
1286	24 34W 35	2510	2,818.349	308
1287	24 37W 36	3010	2,989.807	-21
1288	24 31W 34	2600	2,738.889	138
1289	24 27W 32	2545	2,609.827	64
1290	24 31W 33	2590	2,744.712	154
1291	24 31W 32	2585	2,751.978	166
1292	24 31W 31	2580	2,759.930	179
1293	24 32W 36	2550	2,765.671	215
1294	24 32W 35	2560	2,768.549	208
1295	24 27W 31	2540	2,616.754	76
1296	24 28W 36	2555	2,621.442	66
1297	24 28W 35	2550	2,623.345	73
1298	24 28W 34	2525	2,624.151	99
1299	24 28W 33	2495	2,625.205	130
1300	24 28W 32	2495	2,626.615	131
1301	24 28W 31	2490	2,627.843	137
1302	24 29W 36	2485	2,633.495	148
1303	24 29W 35	2495	2,642.869	147
1304	24 35W 36	2600	2,871.646	271
1305	24 29W 34	2495	2,652.018	157
1306	24 34W 31	2595	2,858.827	263
1307	24 29W 33	2515	2,660.783	145
1308	24 27W 36	2550	2,582.788	32
1309	24 29W 32	2530	2,669.782	139
1310	24 29W 31	2540	2,676.212	136
1311	24 27W 35	2555	2,589.889	34
1312	24 30W 36	2560	2,681.782	121
1313	24 30W 35	2550	2,684.914	134
1314	24 30W 34	2565	2,689.486	124
1315	24 27W 34	2550	2,595.875	45

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1316	24 30W 33	2570	2,696.325	126
1317	24 30W 32	2575	2,704.233	129
1318	24 30W 31	2575	2,713.684	138
1319	24 27W 33	2555	2,602.267	47
1320	24 31W 36	2580	2,723.695	143
1321	24 31W 35	2605	2,732.531	127
1322	25 21W 1	2200	2,243.289	43
1323	25 21W 2	2225	2,254.790	29
1324	25 21W 3	2235	2,267.140	-99
1325	25 21W 4	2250	2,280.946	-99
1326	25 21W 5	2285	2,294.579	-99
1327	25 21W 6	2310	2,308.513	-99
1328	25 22W 1	2315	2,322.476	-99
1329	25 22W 2	2315	2,336.207	-99
1330	25 22W 3	2335	2,350.100	-99
1331	25 22W 4	2345	2,362.393	-99
1332	25 22W 5	2355	2,373.527	-99
1333	25 22W 6	2365	2,383.751	-99
1334	25 37W 6	3110	3,038.674	-72
1335	25 37W 5	3090	3,029.384	-61
1336	25 37W 4	3075	3,020.314	-55
1337	25 37W 3	3060	3,011.533	-49
1338	25 37W 2	3040	3,001.076	-39
1339	25 6 0	3060	3,101.147	41
1340	25 34W 3	2550	2,824.720	274
1341	25 34W 2	2510	2,814.569	304
1342	25 37W 1	3015	2,989.107	-26
1343	25 34W 1	2470	2,804.388	334
1344	25 6 0	3065	3,090.020	25
1345	25 33W 6	2440	2,795.376	355
1346	25 25W 5	2505	2,497.326	-8
1347	25 33W 5	2415	2,786.697	371
1348	25 36W 6	2965	2,979.147	14
1349	25 33W 4	2415	2,780.812	365
1350	25 33W 3	2415	2,774.851	359
1351	25 33W 2	2425	2,772.188	347
1352	25 6 0	3080	3,080.286	0
1353	25 33W 1	2465	2,770.480	305
1354	25 36W 5	2760	2,975.589	215
1355	25 32W 6	2490	2,769.586	279
1356	25 32W 5	2485	2,768.981	283
1357	25 31W 5	2585	2,750.594	165
1358	25 32W 4	2480	2,768.272	288
1359	25 31W 6	2575	2,758.028	183

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1360	25 32W 3	2525	2,767.165	242
1361	25 32W 1	2560	2,762.774	202
1362	25 32W 2	2535	2,765.003	230
1363	25 36W 4	2730	2,972.765	242
1364	25 6 0	3095	3,070.910	-25
1365	25 36W 3	2680	2,967.816	287
1366	25 6 0	3145	3,059.857	-86
1367	25 36W 2	2660	2,962.113	302
1368	25 36W 1	2630	2,956.108	326
1369	25 6 6	3100	3,048.772	-52
1370	25 26W 3	2510	2,555.786	45
1371	25 35W 6	2600	2,943.424	343
1372	25 35W 5	2585	2,929.260	344
1373	25 26W 4	2515	2,563.321	48
1374	25 35W 4	2565	2,914.869	349
1375	25 28W 6	2475	2,625.866	150
1376	25 26W 5	2525	2,569.491	44
1377	25 35W 3	2570	2,892.927	322
1378	25 29W 1	2470	2,631.955	161
1379	25 35W 2	2570	2,876.380	306
1380	25 29W 2	2480	2,640.833	160
1381	25 26W 6	2540	2,574.431	34
1382	25 35W 1	2575	2,864.307	289
1383	25 29W 3	2500	2,649.097	149
1384	25 34W 6	2565	2,854.162	289
1385	25 29W 4	2510	2,658.767	148
1386	25 27W 1	2540	2,580.870	40
1387	25 34W 5	2565	2,843.538	278
1388	25 29W 5	2525	2,668.677	143
1389	25 34W 4	2565	2,835.114	270
1390	25 29W 6	2540	2,676.976	136
1391	25 27W 2	2535	2,587.302	52
1392	25 14 6	2555	2,683.354	128
1393	25 14 0	2550	2,687.258	137
1394	25 27W 3	2540	2,593.133	53
1395	25 14 0	2560	2,691.430	131
1396	25 14 0	2560	2,698.362	138
1397	25 14 0	2565	2,707.394	142
1398	25 27W 4	2535	2,600.594	65
1399	25 14 0	2565	2,717.385	152
1400	25 31W 1	2585	2,726.843	141
1401	25 31W 2	2605	2,733.240	128
1402	25 31W 3	2605	2,737.758	132
1403	25 27W 5	2520	2,608.043	88

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1404	25 31W 4	2590	2,743.001	153
1405	25 25W 6	2510	2,516.567	-99
1406	25 27W 6	2515	2,613.527	98
1407	25 26W 1	2510	2,534.647	-99
1408	25 28W 1	2540	2,618.023	78
1409	25 26W 2	2505	2,547.071	42
1410	25 28W 2	2555	2,620.327	65
1411	25 28W 3	2530	2,620.747	90
1412	25 28W 4	2500	2,620.975	120
1413	25 28W 5	2465	2,622.589	157
1414	25 21W 12	2210	2,249.449	39
1415	25 21W 11	2240	2,261.417	21
1416	25 22W 11	2325	2,342.529	-99
1417	25 21W 10	2250	2,274.189	-99
1418	25 22W 10	2340	2,356.024	-99
1419	25 21W 9	2285	2,288.270	-99
1420	25 22W 9	2340	2,368.023	-99
1421	25 22W 8	2340	2,379.077	-99
1422	25 21W 8	2310	2,301.968	-99
1423	25 22W 7	2360	2,389.487	-99
1424	25 21W 7	2315	2,315.781	-99
1425	25 23W 12	2375	2,389.113	-99
1426	25 22W 12	2320	2,329.464	-99
1427	25 23W 10	2395	2,382.854	-13
1428	25 23W 9	2395	2,390.121	-5
1429	25 34W 12	2465	2,812.946	347
1430	25 6 0	3045	3,092.141	47
1431	25 33W 7	2440	2,803.792	363
1432	25 36W 7	2760	2,978.147	218
1433	25 33W 8	2415	2,792.220	377
1434	25 33W 9	2390	2,780.146	390
1435	25 33W 10	2390	2,770.031	380
1436	25 33W 11	2400	2,766.802	366
1437	25 6 0	3045	3,080.038	35
1438	25 36W 8	2740	2,973.728	233
1439	25 33W 12	2440	2,764.661	324
1440	25 32W 7	2460	2,763.876	303
1441	25 32W 8	2440	2,763.632	323
1442	25 32W 9	2465	2,762.112	297
1443	25 32W 10	2500	2,759.985	259
1444	25 32W 11	2540	2,758.727	218
1445	25 36W 9	2700	2,969.939	269
1446	25 24W 9	2390	2,435.195	-99
1447	25 6 0	3055	3,071.241	16

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1448	25 36W 10	2660	2,964.515	304
1449	25 24W 8	2395	2,443.438	-99
1450	25 6 0	3055	3,060.990	5
1451	25 36W 11	2640	2,957.407	317
1452	25 36W 12	2615	2,947.996	332
1453	25 6 7	3045	3,048.259	3
1454	25 35W 7	2590	2,931.950	341
1455	25 37W 7	3050	3,036.073	-14
1456	25 35W 8	2580	2,903.222	323
1457	25 35W 9	2565	2,885.844	320
1458	25 37W 8	3090	3,026.914	-64
1459	25 35W 10	2545	2,876.043	331
1460	25 35W 11	2545	2,866.373	321
1461	25 37W 9	3065	3,017.870	-48
1462	25 34W 7	2550	2,848.170	298
1463	25 37W 10	3025	3,009.205	-16
1464	25 34W 8	2525	2,838.632	313
1465	25 34W 9	2525	2,830.499	305
1466	25 37W 11	3010	2,999.317	-11
1467	25 6 0	3075	3,107.279	32
1468	25 34W 10	2525	2,824.998	299
1469	25 34W 11	2500	2,819.990	319
1470	25 37W 12	2975	2,987.723	12
1471	25 27W 10	2515	2,591.173	76
1472	25 27W 9	2515	2,598.919	83
1473	25 31W 10	2590	2,738.246	148
1474	25 31W 9	2585	2,742.892	157
1475	25 25W 7	2515	2,519.218	-99
1476	25 31W 8	2585	2,749.345	164
1477	25 27W 8	2500	2,604.449	104
1478	25 31W 7	2565	2,755.094	190
1479	25 32W 12	2560	2,757.620	197
1480	25 27W 7	2510	2,610.348	100
1481	25 26W 12	2510	2,537.008	27
1482	25 28W 12	2535	2,616.027	81
1483	25 26W 11	2500	2,548.205	48
1484	25 28W 11	2540	2,619.696	79
1485	25 28W 10	2520	2,620.627	100
1486	25 26W 10	2460	2,555.787	95
1487	25 28W 9	2500	2,620.813	120
1488	25 26W 9	2500	2,561.763	61
1489	25 28W 8	2455	2,622.252	167
1490	25 28W 7	2465	2,625.623	160
1491	25 26W 8	2510	2,567.063	57

Appendix V (cont.)
 Saturated Thickness Values
 Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1492	25 29W 12	2460	2,632.023	172
1493	25 29W 11	2465	2,639.395	174
1494	25 26W 7	2520	2,571.657	51
1495	25 35W 12	2550	2,855.899	305
1496	25 29W 10	2500	2,647.277	147
1497	25 29W 9	2515	2,657.130	142
1498	25 27W 12	2520	2,577.916	57
1499	25 29W 8	2530	2,667.391	137
1500	25 29W 7	2540	2,676.231	136
1501	25 27W 11	2520	2,583.939	63
1502	25 14 7	2540	2,683.906	143
1503	25 14 0	2550	2,691.388	141
1504	25 14 0	2555	2,697.534	142
1505	25 14 0	2550	2,704.215	154
1506	25 14 0	2550	2,713.376	163
1507	25 14 0	2545	2,722.812	177
1508	25 31W 12	2590	2,729.764	139
1509	25 31W 11	2600	2,733.923	133
1510	25 21W 13	2240	2,252.776	12
1511	25 21W 14	2260	2,265.060	-99
1512	25 21W 15	2275	2,277.951	-99
1513	25 21W 16	2305	2,292.008	-99
1514	25 21W 17	2310	2,305.547	-99
1515	25 21W 18	2315	2,319.074	-99
1516	25 22W 13	2320	2,332.376	-99
1517	25 23W 14	2385	2,374.580	-11
1518	25 22W 14	2335	2,345.315	-99
1519	25 23W 15	2400	2,382.593	-18
1520	25 22W 15	2350	2,358.446	-99
1521	25 23W 16	2400	2,389.392	-11
1522	25 22W 16	2360	2,370.336	-99
1523	25 22W 17	2360	2,381.678	-99
1524	25 23W 18	2385	2,403.432	-99
1525	25 22W 18	2365	2,390.945	-99
1526	25 24W 13	2385	2,411.066	-99
1527	25 23W 13	2375	2,385.180	-99
1528	25 24W 14	2385	2,419.046	-99
1529	25 24W 15	2390	2,426.639	-99
1530	25 33W 14	2385	2,763.109	378
1531	25 33W 13	2385	2,760.533	375
1532	25 32W 18	2415	2,758.094	343
1533	25 24W 16	2390	2,434.848	-99
1534	25 24W 17	2400	2,443.015	-99
1535	25 36W 13	2610	2,935.838	325

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1536	25 6 18	3055	3,057.392	2
1537	25 24W 18	2420	2,452.567	-99
1538	25 35W 18	2615	2,909.338	294
1539	25 37W 18	3055	3,042.038	-13
1540	25 37W 17	3055	3,026.699	-29
1541	25 37W 16	3040	3,015.400	-25
1542	25 37W 15	3010	3,006.452	-4
1543	25 37W 14	2945	2,996.717	51
1544	25 34W 16	2490	2,823.837	333
1545	25 6 0	3110	3,124.446	14
1546	25 34W 15	2490	2,818.468	328
1547	25 34W 14	2485	2,814.642	329
1548	25 37W 13	2900	2,985.576	85
1549	25 34W 13	2460	2,808.975	348
1550	25 6 0	3075	3,098.353	23
1551	25 33W 18	2440	2,800.484	360
1552	25 36W 18	2760	2,975.903	215
1553	25 33W 17	2415	2,788.413	373
1554	25 33W 16	2390	2,777.910	387
1555	25 33W 15	2385	2,766.562	381
1556	25 6 0	3040	3,087.937	47
1557	25 36W 17	2745	2,970.202	225
1558	25 25W 18	2515	2,522.795	-99
1559	25 32W 17	2415	2,755.131	340
1560	25 31W 17	2580	2,746.769	166
1561	25 32W 16	2475	2,752.793	277
1562	25 31W 18	2565	2,749.955	184
1563	25 32W 15	2515	2,750.994	235
1564	25 32W 13	2560	2,750.360	190
1565	25 32W 14	2540	2,750.226	210
1566	25 36W 16	2690	2,965.272	275
1567	25 6 0	2995	3,079.086	84
1568	25 26W 13	2510	2,537.999	27
1569	25 36W 15	2665	2,959.435	294
1570	25 28W 13	2520	2,613.797	93
1571	25 6 0	3045	3,069.717	24
1572	25 36W 14	2640	2,951.686	311
1573	25 26W 14	2500	2,548.385	48
1574	25 28W 14	2515	2,619.775	104
1575	25 28W 15	2505	2,622.265	117
1576	25 26W 15	2405	2,554.735	149
1577	25 28W 16	2475	2,622.750	147
1578	25 35W 17	2600	2,888.538	288
1579	25 28W 17	2445	2,624.104	179

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1580	25 26W 16	2450	2,559.099	109
1581	25 35W 16	2585	2,875.907	290
1582	25 28W 18	2450	2,627.306	177
1583	25 35W 15	2565	2,865.605	300
1584	25 26W 17	2495	2,564.067	69
1585	25 29W 13	2450	2,632.283	182
1586	25 35W 14	2555	2,856.172	301
1587	25 29W 14	2460	2,638.533	178
1588	25 26W 18	2505	2,568.927	63
1589	25 35W 13	2525	2,847.639	322
1590	25 29W 15	2510	2,646.115	136
1591	25 34W 18	2510	2,840.139	330
1592	25 29W 16	2515	2,655.661	140
1593	25 27W 13	2510	2,574.906	64
1594	25 34W 17	2490	2,831.955	341
1595	25 29W 17	2525	2,666.025	141
1596	25 29W 18	2530	2,675.255	145
1597	25 27W 14	2505	2,581.756	76
1598	25 14 18	2535	2,683.214	148
1599	25 14 0	2540	2,691.827	151
1600	25 14 0	2540	2,701.414	161
1601	25 27W 15	2485	2,588.487	103
1602	25 14 0	2550	2,709.636	159
1603	25 14 0	2560	2,716.945	156
1604	25 14 0	2570	2,724.560	154
1605	25 27W 16	2480	2,593.992	113
1606	25 31W 13	2590	2,729.977	139
1607	25 31W 14	2585	2,734.422	149
1608	25 31W 15	2575	2,738.362	163
1609	25 31W 16	2570	2,742.219	172
1610	25 27W 17	2475	2,599.807	124
1611	25 27W 18	2515	2,606.682	91
1612	25 43W 22	3360	99900E+13	0
1613	25 43W 23	3360	99900E+13	0
1614	25 43W 24	3500	3,330.691	-170
1615	25 21W 24	2250	2,254.286	-99
1616	25 21W 23	2260	2,267.195	-99
1617	25 22W 23	2340	2,346.857	-99
1618	25 21W 22	2275	2,280.479	-99
1619	25 22W 22	2340	2,359.516	-99
1620	25 21W 21	2290	2,293.965	-99
1621	25 22W 21	2355	2,371.067	-99
1622	25 21W 20	2315	2,308.202	-99
1623	25 22W 20	2360	2,381.871	-99

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1624	25 21W 19	2325	2,321.507	-99
1625	25 22W 19	2365	2,386.978	-99
1626	25 23W 24	2380	2,379.298	-99
1627	25 22W 24	2330	2,334.449	-99
1628	25 23W 23	2390	2,374.251	-16
1629	25 23W 22	2405	2,381.997	-24
1630	25 23W 21	2405	2,388.756	-17
1631	25 23W 19	2390	2,403.778	-99
1632	25 24W 24	2390	2,411.083	-99
1633	25 24W 23	2390	2,418.779	-99
1634	25 34W 23	2465	2,807.315	342
1635	25 34W 24	2445	2,802.301	357
1636	25 6 0	3110	3,093.561	-17
1637	25 33W 19	2435	2,792.470	357
1638	25 33W 20	2410	2,785.813	375
1639	25 36W 19	2760	2,972.471	212
1640	25 33W 21	2390	2,775.465	385
1641	25 24W 22	2395	2,426.171	-99
1642	25 33W 22	2380	2,765.313	385
1643	25 33W 23	2365	2,760.738	395
1644	25 6 0	3065	3,083.668	18
1645	25 33W 24	2365	2,757.276	392
1646	25 36W 20	2725	2,964.836	239
1647	25 32W 19	2375	2,753.665	378
1648	25 32W 20	2395	2,750.342	355
1649	25 32W 21	2460	2,747.700	287
1650	25 32W 22	2485	2,745.611	260
1651	25 32W 24	2555	2,744.091	189
1652	25 32W 23	2520	2,744.151	224
1653	25 36W 21	2690	2,942.766	252
1654	25 6 0	3020	3,082.829	62
1655	25 36W 22	2665	2,943.519	278
1656	25 6 0	2990	3,074.693	84
1657	25 24W 20	2415	2,442.374	-99
1658	25 36W 23	2655	2,941.179	286
1659	25 36W 24	2640	2,920.320	280
1660	25 6 19	3000	3,065.278	65
1661	25 24W 19	2435	2,452.024	-99
1662	25 35W 19	2625	2,896.184	271
1663	25 37W 19	3015	3,052.167	37
1664	25 35W 20	2615	2,886.991	271
1665	25 25W 24	2450	2,461.416	-99
1666	25 35W 21	2600	2,871.978	271
1667	25 37W 20	3015	3,036.115	21

Appendix V (cont.)
 Saturated Thickness Values
 Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1668	25 35W 22	2575	2,858.801	283
1669	25 25W 23	2460	2,472.702	-99
1670	25 35W 23	2555	2,848.971	293
1671	25 37W 21	3015	3,018.461	3
1672	25 37W 22	2990	3,003.923	13
1673	25 34W 19	2510	2,832.588	322
1674	25 27W 24	2480	2,572.379	92
1675	25 25W 22	2480	2,489.013	-99
1676	25 34W 20	2490	2,824.925	334
1677	25 37W 23	2955	2,992.989	37
1678	25 34W 21	2480	2,817.213	337
1679	25 6 0	3125	3,118.690	-7
1680	25 27W 23	2475	2,578.414	103
1681	25 34W 22	2470	2,810.556	340
1682	25 25W 21	2480	2,504.735	-99
1683	25 37W 24	2900	2,982.224	82
1684	25 27W 22	2465	2,583.616	118
1685	25 25W 20	2510	2,517.509	-99
1686	25 27W 21	2445	2,589.298	144
1687	25 31W 22	2560	2,736.423	176
1688	25 27W 20	2475	2,595.732	120
1689	25 31W 21	2565	2,739.815	174
1690	25 25W 19	2515	2,527.347	12
1691	25 31W 20	2565	2,742.854	177
1692	25 31W 19	2560	2,744.078	184
1693	25 27W 19	2490	2,603.259	113
1694	25 26W 24	2520	2,538.749	18
1695	25 28W 24	2485	2,611.129	126
1696	25 26W 23	2460	2,547.912	87
1697	25 28W 23	2475	2,618.784	143
1698	25 28W 22	2450	2,624.356	174
1699	25 26W 22	2460	2,553.310	93
1700	25 28W 21	2440	2,626.039	186
1701	25 28W 20	2440	2,627.707	187
1702	25 26W 21	2480	2,556.617	76
1703	25 28W 19	2445	2,630.427	185
1704	25 26W 20	2485	2,560.779	75
1705	25 29W 24	2475	2,633.439	158
1706	25 29W 23	2470	2,637.794	167
1707	25 26W 19	2498	2,566.226	68
1708	25 35W 24	2535	2,839.872	304
1709	25 29W 22	2505	2,645.287	140
1710	25 29W 21	2510	2,653.938	143
1711	25 29W 20	2515	2,664.003	149

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1712	25 29W 19	2520	2,673.415	153
1713	25 14 19	2530	2,681.519	151
1714	25 14 0	2535	2,690.385	155
1715	25 14 0	2545	2,700.137	155
1716	25 14 0	2550	2,708.814	158
1717	25 14 0	2545	2,716.314	171
1718	25 14 0	2545	2,722.761	177
1719	25 31W 24	2550	2,728.258	178
1720	25 31W 23	2550	2,732.606	182
1721	25 43W 27	3360	99900E+13	0
1722	25 43W 26	3350	3,345.497	-5
1723	25 43W 25	3270	3,331.553	61
1724	25 21W 25	2230	2,255.411	-99
1725	25 21W 26	2240	2,268.770	-99
1726	25 21W 27	2250	2,282.268	-99
1727	25 21W 28	2290	2,295.747	-99
1728	25 21W 29	2320	2,309.777	-99
1729	25 21W 30	2335	2,322.802	-99
1730	25 23W 25	2385	2,373.298	-99
1731	25 22W 25	2340	2,335.461	-99
1732	25 23W 26	2390	2,374.175	-16
1733	25 22W 26	2360	2,347.677	-99
1734	25 23W 27	2405	2,381.650	-24
1735	25 22W 27	2360	2,359.836	-99
1736	25 23W 28	2405	2,388.893	-17
1737	25 22W 28	2360	2,370.269	-99
1738	25 23W 29	2405	2,396.551	-9
1739	25 22W 29	2360	2,377.982	-99
1740	25 23W 30	2395	2,403.708	-99
1741	25 22W 30	2380	2,377.652	-99
1742	25 24W 26	2395	2,418.316	-99
1743	25 33W 30	2440	2,789.364	349
1744	25 33W 29	2420	2,784.456	364
1745	25 24W 27	2405	2,425.578	-99
1746	25 33W 28	2415	2,776.173	361
1747	25 33W 27	2395	2,767.435	372
1748	25 33W 26	2375	2,761.127	386
1749	25 33W 25	2360	2,755.766	395
1750	25 32W 30	2345	2,752.618	407
1751	25 32W 29	2375	2,748.852	373
1752	25 24W 29	2420	2,441.683	-99
1753	25 36W 26	2665	2,923.480	258
1754	25 36W 25	2660	2,904.757	244
1755	25 6 30	2980	3,060.533	80

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1756	25 24W 30	2440	2,451.370	-99
1757	25 35W 30	2640	2,897.704	257
1758	25 37W 30	2965	3,049.501	84
1759	25 35W 29	2615	2,891.316	276
1760	25 25W 25	2460	2,460.860	-99
1761	25 37W 29	2950	3,034.952	84
1762	25 25W 26	2475	2,470.657	-5
1763	25 37W 28	2950	3,019.726	69
1764	25 37W 27	2945	3,004.732	59
1765	25 25W 27	2490	2,486.188	-4
1766	25 34W 28	2485	2,811.418	326
1767	25 37W 26	2920	2,990.783	70
1768	25 6 0	3140	3,106.725	-34
1769	25 34W 27	2475	2,804.657	329
1770	25 25W 28	2505	2,503.137	-2
1771	25 34W 26	2450	2,799.604	349
1772	25 37W 25	2895	2,978.185	83
1773	25 34W 25	2440	2,793.469	353
1774	25 6 0	3110	3,083.384	-27
1775	25 25W 29	2510	2,517.696	7
1776	25 36W 30	2740	2,960.767	220
1777	25 6 0	3065	3,074.771	9
1778	25 36W 29	2700	2,939.337	239
1779	25 25W 30	2510	2,529.080	19
1780	25 31W 29	2560	2,738.663	178
1781	25 31W 30	2560	2,742.449	182
1782	25 32W 28	2430	2,745.052	315
1783	25 27W 29	2465	2,592.654	127
1784	25 32W 25	2515	2,744.083	229
1785	25 32W 27	2460	2,743.458	283
1786	25 32W 26	2490	2,744.387	254
1787	25 36W 28	2685	2,929.552	244
1788	25 6 0	3030	3,074.092	44
1789	25 27W 30	2465	2,600.168	135
1790	25 26W 25	2475	2,539.161	64
1791	25 36W 27	2675	2,927.167	252
1792	25 28W 25	2450	2,608.571	158
1793	25 6 0	3005	3,068.354	63
1794	25 26W 26	2400	2,547.514	147
1795	25 28W 26	2440	2,617.100	177
1796	25 28W 27	2440	2,624.762	184
1797	25 26W 27	2440	2,552.508	112
1798	25 28W 28	2445	2,628.669	183
1799	25 26W 28	2460	2,555.380	95

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1800	25 28W 29	2450	2,631.130	181
1801	25 35W 28	2590	2,873.067	283
1802	25 28W 30	2475	2,633.558	158
1803	25 26W 29	2460	2,558.613	98
1804	25 35W 27	2575	2,855.176	280
1805	25 29W 25	2510	2,635.518	125
1806	25 35W 26	2550	2,843.879	293
1807	25 29W 26	2510	2,637.359	127
1808	25 26W 30	2455	2,563.750	108
1809	25 35W 25	2540	2,834.918	294
1810	25 29W 27	2500	2,644.589	144
1811	25 34W 30	2515	2,826.374	311
1812	25 29W 28	2505	2,653.164	148
1813	25 27W 25	2460	2,569.054	109
1814	25 34W 29	2490	2,818.402	328
1815	25 29W 29	2520	2,662.035	142
1816	25 29W 30	2525	2,671.074	146
1817	25 27W 26	2455	2,574.112	119
1818	25 14 30	2530	2,679.124	149
1819	25 14 0	2535	2,687.939	152
1820	25 27W 27	2440	2,579.272	139
1821	25 14 0	2535	2,697.587	162
1822	25 14 0	2535	2,705.861	170
1823	25 14 0	2530	2,712.171	182
1824	25 27W 28	2450	2,585.403	135
1825	25 14 0	2535	2,717.573	182
1826	25 31W 25	2540	2,720.198	180
1827	25 31W 26	2540	2,723.826	183
1828	25 31W 27	2555	2,729.310	174
1829	25 31W 28	2560	2,734.862	174
1830	25 43W 34	3355	99900E+13	0
1831	25 43W 35	3350	3,346.816	-4
1832	25 1 36	3260	3,332.220	72
1833	25 42W 31	3240	3,317.426	77
1834	25 42W 32	3215	3,304.142	89
1835	25 21W 36	2220	2,257.333	37
1836	25 22W 36	2355	2,335.674	-20
1837	25 21W 35	2235	2,270.588	-99
1838	25 22W 35	2365	2,347.137	-18
1839	25 21W 34	2245	2,283.858	-99
1840	25 22W 34	2365	2,357.158	-8
1841	25 21W 33	2300	2,297.084	-3
1842	25 22W 33	2380	2,366.401	-14
1843	25 21W 32	2330	2,310.883	-20

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1844	25 22W 32	2385	2,370.889	-15
1845	25 22W 31	2400	2,367.684	-33
1846	25 21W 31	2340	2,323.665	-17
1847	25 23W 36	2390	2,368.545	-22
1848	25 23W 35	2390	2,374.144	-16
1849	25 24W 33	2405	2,432.862	-99
1850	25 23W 34	2400	2,381.776	-19
1851	25 23W 33	2400	2,388.946	-12
1852	25 23W 32	2395	2,396.409	-99
1853	25 25W 36	2460	2,460.113	-99
1854	25 23W 31	2405	2,403.400	-2
1855	25 24W 36	2405	2,410.348	5
1856	25 24W 35	2405	2,417.733	12
1857	25 34W 35	2500	2,794.746	294
1858	25 37W 36	2760	2,972.445	212
1859	25 34W 36	2475	2,790.920	315
1860	25 6 0	3140	3,073.197	-67
1861	25 33W 31	2460	2,787.993	327
1862	25 36W 31	2740	2,961.512	221
1863	25 33W 32	2440	2,783.985	343
1864	25 24W 34	2405	2,424.899	19
1865	25 33W 33	2440	2,777.645	337
1866	25 33W 34	2425	2,769.526	344
1867	25 33W 35	2415	2,761.530	346
1868	25 6 0	3085	3,064.782	-21
1869	25 36W 32	2710	2,937.559	227
1870	25 33W 36	2375	2,755.453	380
1871	25 32W 31	2360	2,751.205	391
1872	25 32W 32	2345	2,748.403	403
1873	25 32W 33	2375	2,747.257	372
1874	25 32W 36	2475	2,741.995	266
1875	25 32W 34	2420	2,746.789	326
1876	25 32W 35	2440	2,745.171	305
1877	25 36W 33	2685	2,924.350	239
1878	25 6 0	3060	3,065.545	5
1879	25 36W 34	2665	2,918.942	253
1880	25 6 0	3040	3,058.218	18
1881	25 36W 35	2665	2,910.645	245
1882	25 36W 36	2645	2,904.716	259
1883	25 6 31	3010	3,064.356	54
1884	25 35W 31	2640	2,903.533	263
1885	25 37W 31	2985	3,076.037	91
1886	25 35W 32	2615	2,895.894	280
1887	25 26W 33	2425	2,554.117	129

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1888	25 35W 33	2600	2,876.691	276
1889	25 37W 32	2950	3,071.124	121
1890	25 35W 34	2590	2,858.539	268
1891	25 26W 32	2430	2,556.313	126
1892	25 25W 35	2480	2,469.267	-11
1893	25 35W 35	2595	2,845.639	250
1894	25 37W 33	2940	3,050.982	110
1895	25 26W 31	2430	2,561.024	131
1896	25 35W 36	2575	2,837.069	262
1897	25 34W 31	2560	2,831.988	271
1898	25 37W 34	2915	3,019.487	104
1899	25 25W 34	2490	2,482.439	-8
1900	25 27W 36	2440	2,566.227	126
1901	25 34W 32	2540	2,823.857	283
1902	25 34W 33	2525	2,808.036	283
1903	25 37W 35	2895	2,987.836	92
1904	25 6 0	3165	3,090.425	-75
1905	25 27W 35	2420	2,571.070	151
1906	25 34W 34	2510	2,800.704	290
1907	25 25W 33	2500	2,499.253	-1
1908	25 27W 34	2400	2,576.263	176
1909	25 25W 32	2490	2,515.117	25
1910	25 27W 33	2455	2,582.513	127
1911	25 31W 35	2535	2,717.038	182
1912	25 31W 34	2560	2,721.619	161
1913	25 31W 33	2560	2,726.066	166
1914	25 25W 31	2455	2,528.195	73
1915	25 31W 32	2550	2,730.833	180
1916	25 31W 31	2525	2,735.995	210
1917	25 27W 32	2455	2,589.742	134
1918	25 27W 31	2440	2,597.549	157
1919	25 26W 36	2400	2,539.127	139
1920	25 28W 36	2430	2,606.196	176
1921	25 26W 35	2390	2,547.235	157
1922	25 28W 35	2435	2,615.026	180
1923	25 28W 34	2460	2,623.447	163
1924	25 26W 34	2420	2,551.952	131
1925	25 28W 33	2475	2,629.496	154
1926	25 28W 32	2490	2,633.288	143
1927	25 28W 31	2490	2,636.362	146
1928	25 29W 36	2510	2,636.912	126
1929	25 29W 35	2510	2,637.056	127
1930	25 29W 34	2520	2,643.502	123
1931	25 29W 33	2525	2,651.985	126

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1932	25 29W 32	2520	2,660.448	140
1933	25 29W 31	2520	2,668.425	148
1934	25 14 31	2530	2,676.190	146
1935	25 14 0	2525	2,684.409	159
1936	25 14 0	2525	2,691.750	166
1937	25 14 0	2520	2,697.427	177
1938	25 14 0	2515	2,702.662	187
1939	25 14 0	2530	2,707.918	177
1940	25 31W 36	2520	2,712.211	192
1941	26 43W 4	3350	99900E+13	0
1942	26 43W 3	3335	3,345.950	10
1943	26 43W 2	3290	3,327.685	37
1944	26 43W 1	3260	3,311.783	51
1945	26 42W 6	3235	3,301.104	66
1946	26 42W 5	3200	3,292.539	92
1947	26 23 6	2195	2,250.999	55
1948	26 42W 4	3160	3,283.811	123
1949	26 23 0	2225	2,264.028	39
1950	26 42W 3	3140	3,276.585	136
1951	26 23 0	2250	2,277.086	-99
1952	26 23 0	2285	2,290.157	-99
1953	26 23 0	2320	2,303.108	-17
1954	26 23 0	2340	2,315.098	-25
1955	26 22W 1	2360	2,326.994	-34
1956	26 23W 2	2395	2,369.367	-26
1957	26 22W 2	2365	2,337.715	-28
1958	26 23W 3	2390	2,376.549	-14
1959	26 22W 3	2375	2,345.369	-30
1960	26 23W 4	2390	2,383.682	-7
1961	26 22W 4	2390	2,353.260	-37
1962	26 23W 5	2390	2,390.725	0
1963	26 22W 5	2400	2,362.179	-38
1964	26 23W 6	2390	2,397.685	7
1965	26 22W 6	2405	2,361.063	-44
1966	26 24W 1	2400	2,404.955	4
1967	26 23W 1	2400	2,362.431	-38
1968	26 24W 2	2405	2,411.833	6
1969	26 24W 3	2400	2,418.784	18
1970	26 33W 6	2500	2,785.031	285
1971	26 33W 5	2495	2,779.615	284
1972	26 33W 4	2480	2,771.944	291
1973	26 33W 3	2460	2,762.840	302
1974	26 24W 4	2395	2,426.355	31
1975	26 33W 2	2460	2,756.680	296

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
1976	26 33W 1	2440	2,751.097	311
1977	26 32W 6	2390	2,748.507	358
1978	26 32W 5	2345	2,747.305	402
1979	26 24W 5	2390	2,433.908	43
1980	26 24W 6	2410	2,442.704	32
1981	26 36W 1	2630	2,904.666	274
1982	26 25W 1	2400	2,451.879	51
1983	26 35W 6	2625	2,896.729	271
1984	26 37W 6	3010	3,061.254	51
1985	26 25W 2	2425	2,461.237	36
1986	26 37W 5	2990	3,044.764	54
1987	26 25W 3	2460	2,470.890	10
1988	26 37W 4	2930	3,016.149	86
1989	26 25W 4	2460	2,483.117	23
1990	26 37W 3	2895	2,979.823	84
1991	26 34W 4	2570	2,804.853	234
1992	26 34W 3	2540	2,794.091	254
1993	26 37W 2	2760	2,966.076	206
1994	26 25W 5	2460	2,499.780	39
1995	26 34W 2	2530	2,789.721	259
1996	26 38W 6	3155	3,064.053	-91
1997	26 34W 1	2520	2,787.640	267
1998	26 37W 1	2755	2,956.953	201
1999	26 25W 6	2445	2,515.199	70
2000	26 27W 5	2435	2,581.795	146
2001	26 38W 5	3125	3,052.879	-73
2002	26 36W 6	2725	2,944.945	219
2003	26 31W 5	2540	2,721.411	181
2004	26 31W 6	2515	2,726.987	211
2005	26 32W 1	2475	2,733.710	258
2006	26 32W 4	2350	2,746.792	396
2007	26 32W 2	2450	2,741.576	291
2008	26 32W 3	2385	2,745.516	360
2009	26 27W 6	2425	2,588.456	163
2010	26 26W 1	2430	2,529.746	99
2011	26 36W 5	2710	2,923.164	213
2012	26 38W 4	3090	3,054.401	-36
2013	26 28W 1	2415	2,597.717	182
2014	26 36W 4	2675	2,915.688	240
2015	26 26W 2	2410	2,539.861	129
2016	26 38W 3	3080	3,048.490	-32
2017	26 28W 2	2415	2,607.377	192
2018	26 36W 3	2655	2,906.653	251
2019	26 28W 3	2445	2,616.303	171

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2020	26 26W 3	2395	2,546.598	151
2021	26 36W 2	2640	2,904.397	264
2022	26 38W 2	3060	3,043.779	-17
2023	26 28W 4	2460	2,623.814	163
2024	26 26W 4	2395	2,550.114	155
2025	26 28W 5	2490	2,629.786	139
2026	26 38W 1	3035	3,067.640	32
2027	26 28W 6	2505	2,634.414	129
2028	26 35W 5	2620	2,885.018	265
2029	26 26W 5	2390	2,551.557	161
2030	26 29W 1	2500	2,637.229	137
2031	26 35W 4	2615	2,873.411	258
2032	26 29W 2	2475	2,636.553	161
2033	26 26W 6	2410	2,554.311	144
2034	26 35W 3	2610	2,861.778	251
2035	26 29W 3	2480	2,637.565	157
2036	26 35W 2	2610	2,851.067	241
2037	26 27W 1	2415	2,560.511	145
2038	26 29W 4	2495	2,644.232	149
2039	26 35W 1	2585	2,840.418	255
2040	26 29W 5	2500	2,652.388	152
2041	26 34W 6	2575	2,830.768	255
2042	26 27W 2	2410	2,565.333	155
2043	26 29W 6	2500	2,660.961	160
2044	26 34W 5	2570	2,821.669	251
2045	26 30W 1	2510	2,668.440	158
2046	26 30W 2	2515	2,675.280	160
2047	26 27W 3	2390	2,570.089	180
2048	26 30W 3	2510	2,680.866	170
2049	26 30W 4	2510	2,685.342	175
2050	26 27W 4	2420	2,575.097	155
2051	26 30W 5	2500	2,690.012	190
2052	26 30W 6	2510	2,695.225	185
2053	26 31W 1	2515	2,700.843	185
2054	26 31W 2	2515	2,707.469	192
2055	26 31W 3	2525	2,712.610	187
2056	26 31W 4	2540	2,716.627	176
2057	26 43W 9	3320	99900E+13	0
2058	26 43W 10	3330	3,347.997	17
2059	26 43W 11	3320	3,320.675	0
2060	26 43W 12	3300	3,305.241	5
2061	26 42W 7	3260	3,291.426	31
2062	26 42W 8	3235	3,283.691	48
2063	26 23 7	2190	2,252.766	62

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2064	26 42W 9	3195	3,279.901	84
2065	26 23 0	2220	2,265.641	45
2066	26 42W 10	3165	3,273.699	108
2067	26 23 0	2260	2,278.509	-99
2068	26 42W 11	3135	3,271.118	136
2069	26 23 0	2300	2,290.753	-10
2070	26 42W 12	3390	3,273.742	-117
2071	26 23 0	2325	2,301.730	-24
2072	26 23 0	2340	2,313.188	-27
2073	26 23W 12	2405	2,361.658	-44
2074	26 22W 12	2360	2,323.285	-37
2075	26 23W 11	2405	2,369.283	-36
2076	26 22W 11	2360	2,330.776	-30
2077	26 23W 10	2405	2,376.558	-29
2078	26 22W 10	2360	2,337.627	-23
2079	26 23W 9	2405	2,383.661	-22
2080	26 22W 9	2365	2,345.960	-20
2081	26 23W 8	2400	2,390.495	-10
2082	26 22W 8	2380	2,353.554	-27
2083	26 23W 7	2395	2,397.418	2
2084	26 22W 7	2400	2,355.407	-45
2085	26 24W 12	2405	2,404.646	-1
2086	26 24W 11	2405	2,411.478	6
2087	26 24W 10	2400	2,418.378	18
2088	26 34W 12	2530	2,786.387	256
2089	26 33W 7	2520	2,783.508	263
2090	26 33W 8	2505	2,778.083	273
2091	26 33W 9	2480	2,769.479	289
2092	26 33W 10	2470	2,761.295	291
2093	26 24W 9	2385	2,425.888	40
2094	26 33W 11	2450	2,755.063	305
2095	26 33W 12	2420	2,749.777	329
2096	26 32W 7	2415	2,747.782	332
2097	26 32W 8	2390	2,747.422	357
2098	26 32W 9	2345	2,747.540	402
2099	26 32W 10	2350	2,746.216	396
2100	26 38W 9	3115	3,042.500	-73
2101	26 24W 8	2385	2,433.376	48
2102	26 36W 9	2685	2,914.209	229
2103	26 38W 10	3110	3,036.625	-74
2104	26 36W 10	2665	2,904.850	239
2105	26 24W 7	2345	2,442.081	97
2106	26 38W 11	3105	3,019.369	-86
2107	26 36W 11	2645	2,904.986	259

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2108	26 36W 12	2635	2,903.075	268
2109	26 25W 12	2345	2,451.030	106
2110	26 38W 12	3075	3,047.320	-28
2111	26 35W 7	2630	2,892.105	262
2112	26 35W 8	2620	2,880.692	260
2113	26 37W 7	3060	3,037.908	-23
2114	26 25W 11	2350	2,460.166	110
2115	26 35W 9	2610	2,868.941	258
2116	26 37W 8	3030	3,023.665	-7
2117	26 35W 10	2600	2,857.162	257
2118	26 25W 10	2380	2,469.708	89
2119	26 37W 9	2950	2,997.219	47
2120	26 25W 9	2440	2,479.619	39
2121	26 37W 10	2895	2,964.510	69
2122	26 34W 8	2560	2,819.420	259
2123	26 34W 9	2540	2,802.096	262
2124	26 27W 10	2400	2,567.620	167
2125	26 34W 10	2530	2,795.222	265
2126	26 37W 11	2760	2,955.182	195
2127	26 25W 8	2445	2,493.698	48
2128	26 34W 11	2535	2,789.847	254
2129	26 38W 7	3140	3,051.826	-89
2130	26 27W 9	2415	2,571.223	156
2131	26 37W 12	2750	2,947.232	197
2132	26 25W 7	2430	2,508.168	78
2133	26 27W 8	2420	2,578.187	158
2134	26 38W 8	3135	3,041.264	-94
2135	26 36W 7	2725	2,938.720	213
2136	26 31W 9	2510	2,710.982	200
2137	26 31W 8	2505	2,715.361	210
2138	26 31W 7	2475	2,720.968	245
2139	26 32W 12	2440	2,730.602	290
2140	26 32W 11	2400	2,740.605	340
2141	26 27W 7	2410	2,585.019	175
2142	26 26W 12	2405	2,523.907	118
2143	26 36W 8	2715	2,926.172	211
2144	26 28W 12	2405	2,592.279	187
2145	26 26W 11	2400	2,533.608	133
2146	26 28W 11	2440	2,602.377	162
2147	26 28W 10	2460	2,612.855	152
2148	26 26W 10	2395	2,539.823	144
2149	26 28W 9	2480	2,621.580	141
2150	26 26W 9	2385	2,543.643	158
2151	26 28W 8	2475	2,628.012	153

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2152	26 28W 7	2455	2,633.007	178
2153	26 26W 8	2380	2,546.572	166
2154	26 29W 12	2445	2,635.207	190
2155	26 29W 11	2460	2,635.014	175
2156	26 26W 7	2385	2,550.179	165
2157	26 29W 10	2470	2,636.449	166
2158	26 35W 11	2610	2,845.991	235
2159	26 27W 12	2410	2,557.846	147
2160	26 29W 9	2480	2,642.131	162
2161	26 35W 12	2590	2,836.125	246
2162	26 29W 8	2500	2,649.812	149
2163	26 34W 7	2580	2,828.015	248
2164	26 27W 11	2400	2,562.717	162
2165	26 29W 7	2510	2,657.510	147
2166	26 30W 12	2515	2,664.674	149
2167	26 30W 11	2510	2,670.811	160
2168	26 30W 10	2495	2,675.662	180
2169	26 30W 9	2500	2,679.861	179
2170	26 30W 8	2495	2,684.078	189
2171	26 30W 7	2505	2,689.372	184
2172	26 31W 12	2505	2,695.230	190
2173	26 31W 11	2490	2,702.372	212
2174	26 31W 10	2505	2,706.714	201
2175	26 43W 16	3280	99900E+13	0
2176	26 43W 15	3310	3,349.687	39
2177	26 43W 14	3315	3,310.125	-5
2178	26 43W 13	3305	3,296.765	-9
2179	26 42W 18	3270	3,283.668	13
2180	26 42W 17	3260	3,273.409	13
2181	26 42W 16	3225	3,266.461	41
2182	26 42W 15	3180	3,257.779	77
2183	26 42W 14	3140	3,267.941	127
2184	26 42W 13	3090	3,278.210	188
2185	26 41W 18	3360	3,280.344	-80
2186	26 41W 17	3370	3,276.269	-94
2187	26 23 18	2190	2,254.887	64
2188	26 23 0	2215	2,267.241	52
2189	26 23 0	2240	2,278.243	38
2190	26 23 0	2280	2,288.992	8
2191	26 23 0	2320	2,300.478	-20
2192	26 22W 17	2375	2,347.681	-28
2193	26 22W 18	2390	2,354.008	-36
2194	26 23 0	2325	2,309.758	-16
2195	26 23W 13	2390	2,361.528	-29

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2196	26 22W 13	2315	2,316.883	-99
2197	26 41W 16	3350	3,268.364	-82
2198	26 23W 14	2400	2,369.359	-31
2199	26 22W 14	2295	2,323.622	-99
2200	26 23W 15	2405	2,376.792	-29
2201	26 22W 15	2340	2,331.585	-9
2202	26 23W 16	2405	2,384.343	-21
2203	26 22W 16	2350	2,340.372	-10
2204	26 23W 17	2405	2,392.182	-13
2205	26 23W 18	2405	2,397.332	-8
2206	26 24W 13	2405	2,404.532	-1
2207	26 24W 14	2405	2,411.342	6
2208	26 37W 14	2760	2,942.709	182
2209	26 24W 15	2400	2,418.589	18
2210	26 34W 14	2540	2,792.404	252
2211	26 38W 18	3135	3,040.314	-95
2212	26 34W 13	2545	2,787.132	242
2213	26 33W 18	2520	2,781.571	261
2214	26 37W 13	2740	2,936.034	196
2215	26 33W 17	2460	2,774.914	314
2216	26 33W 16	2440	2,767.214	327
2217	26 38W 17	3125	3,031.591	-94
2218	26 33W 15	2415	2,758.648	343
2219	26 24W 16	2380	2,425.646	45
2220	26 33W 14	2420	2,752.868	332
2221	26 36W 18	2715	2,929.183	214
2222	26 33W 13	2390	2,749.147	359
2223	26 32W 18	2375	2,747.823	372
2224	26 32W 17	2375	2,747.414	372
2225	26 32W 13	2400	2,726.944	326
2226	26 32W 16	2360	2,747.127	387
2227	26 32W 14	2360	2,740.430	380
2228	26 32W 15	2340	2,745.674	405
2229	26 36W 17	2700	2,922.342	222
2230	26 38W 16	3120	3,029.101	-91
2231	26 24W 17	2365	2,433.050	68
2232	26 36W 16	2680	2,912.217	232
2233	26 38W 15	3110	3,023.218	-87
2234	26 36W 15	2665	2,904.824	239
2235	26 24W 18	2360	2,441.591	81
2236	26 38W 14	3105	2,994.643	-111
2237	26 36W 14	2650	2,903.723	253
2238	26 36W 13	2635	2,894.023	259
2239	26 25W 13	2345	2,450.233	105

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2240	26 38W 13	3085	3,015.617	-70
2241	26 35W 18	2630	2,880.295	250
2242	26 35W 17	2620	2,868.748	248
2243	26 37W 18	3060	3,009.553	-51
2244	26 25W 14	2345	2,459.053	114
2245	26 35W 16	2615	2,857.118	242
2246	26 26W 18	2380	2,545.874	165
2247	26 37W 17	3050	2,996.948	-54
2248	26 35W 15	2605	2,846.365	241
2249	26 25W 15	2350	2,468.350	118
2250	26 35W 14	2605	2,838.276	233
2251	26 27W 13	2390	2,554.281	164
2252	26 37W 16	2960	2,973.382	13
2253	26 35W 13	2585	2,830.756	245
2254	26 34W 18	2580	2,822.394	242
2255	26 25W 16	2400	2,477.194	77
2256	26 27W 14	2345	2,559.941	214
2257	26 37W 15	2760	2,949.312	189
2258	26 34W 17	2585	2,813.992	228
2259	26 34W 16	2590	2,804.446	214
2260	26 27W 15	2375	2,563.084	188
2261	26 34W 15	2540	2,798.343	258
2262	26 25W 17	2405	2,488.185	83
2263	26 27W 16	2400	2,567.099	167
2264	26 25W 18	2420	2,500.983	80
2265	26 27W 17	2400	2,574.176	174
2266	26 31W 14	2485	2,698.087	213
2267	26 31W 15	2490	2,701.626	211
2268	26 31W 16	2475	2,704.524	229
2269	26 31W 17	2460	2,709.028	249
2270	26 31W 18	2435	2,714.470	279
2271	26 27W 18	2395	2,581.249	186
2272	26 26W 13	2395	2,515.330	120
2273	26 28W 13	2425	2,588.241	163
2274	26 26W 14	2360	2,524.188	164
2275	26 28W 14	2450	2,595.502	145
2276	26 28W 15	2450	2,606.083	156
2277	26 26W 15	2355	2,530.427	175
2278	26 28W 16	2450	2,616.190	166
2279	26 26W 16	2360	2,535.179	175
2280	26 28W 17	2440	2,623.905	183
2281	26 28W 18	2450	2,629.906	179
2282	26 26W 17	2360	2,539.894	179
2283	26 29W 13	2480	2,632.643	152

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2284	26 29W 14	2505	2,632.191	127
2285	26 29W 15	2510	2,634.846	124
2286	26 29W 16	2510	2,639.755	129
2287	26 29W 17	2510	2,646.055	136
2288	26 29W 18	2515	2,652.757	137
2289	26 30W 13	2510	2,659.239	149
2290	26 30W 14	2500	2,664.541	164
2291	26 30W 15	2490	2,669.046	179
2292	26 30W 16	2485	2,673.938	188
2293	26 30W 17	2480	2,679.087	199
2294	26 30W 18	2480	2,684.680	204
2295	26 31W 13	2490	2,690.522	200
2296	26 43W 21	3260	99900E+13	0
2297	26 43W 22	3290	3,346.957	56
2298	26 43W 23	3305	3,298.661	-7
2299	26 43W 24	3260	3,287.992	27
2300	26 42W 19	3215	3,275.492	60
2301	26 42W 20	3195	3,262.343	67
2302	26 42W 21	3205	3,244.608	39
2303	26 42W 22	3185	3,232.555	47
2304	26 42W 23	3140	3,237.133	97
2305	26 42W 24	3090	3,262.675	172
2306	26 41W 19	3075	3,279.320	204
2307	26 41W 20	3060	3,274.366	214
2308	26 23 19	2190	2,255.792	65
2309	26 41W 21	3335	3,264.912	-71
2310	26 23 0	2215	2,266.900	51
2311	26 23 0	2230	2,277.560	47
2312	26 23 0	2240	2,288.559	48
2313	26 22W 21	2365	2,337.658	-28
2314	26 23 0	2260	2,297.581	37
2315	26 22W 20	2370	2,345.686	-25
2316	26 22W 19	2360	2,353.716	-7
2317	26 23 0	2285	2,305.222	20
2318	26 23W 24	2375	2,361.570	-14
2319	26 22W 24	2290	2,312.514	22
2320	26 23W 23	2370	2,369.329	-1
2321	26 24W 22	2390	2,418.655	28
2322	26 22W 23	2350	2,320.122	-30
2323	26 24W 21	2385	2,425.643	40
2324	26 23W 22	2365	2,377.459	12
2325	26 22W 22	2360	2,328.833	-32
2326	26 24W 20	2350	2,432.943	82
2327	26 23W 21	2390	2,385.162	-5

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2328	26 24W 19	2345	2,441.261	96
2329	26 23W 20	2405	2,392.928	-13
2330	26 36W 24	2635	2,880.089	245
2331	26 25W 24	2345	2,449.557	104
2332	26 38W 24	3075	2,981.492	-94
2333	26 23W 19	2405	2,401.209	-4
2334	26 37W 19	3060	2,978.793	-82
2335	26 25W 23	2350	2,458.023	108
2336	26 24W 24	2375	2,406.606	31
2337	26 37W 20	3025	2,969.738	-56
2338	26 25W 22	2355	2,467.011	112
2339	26 37W 21	2940	2,950.233	-99
2340	26 24W 23	2310	2,411.466	101
2341	26 25W 21	2350	2,475.572	125
2342	26 37W 22	2745	2,934.161	189
2343	26 34W 22	2520	2,798.370	278
2344	26 37W 23	2735	2,927.639	192
2345	26 34W 23	2525	2,792.154	267
2346	26 38W 19	3125	3,027.825	-98
2347	26 34W 24	2540	2,785.843	245
2348	26 33W 19	2525	2,778.866	253
2349	26 37W 24	2715	2,922.467	207
2350	26 33W 20	2490	2,770.918	280
2351	26 33W 21	2440	2,762.832	322
2352	26 33W 22	2420	2,754.584	334
2353	26 38W 20	3115	3,021.259	-94
2354	26 33W 23	2390	2,749.793	359
2355	26 36W 19	2700	2,917.570	217
2356	26 33W 24	2385	2,747.819	362
2357	26 31W 20	2435	2,702.985	267
2358	26 32W 19	2340	2,746.872	406
2359	26 31W 19	2410	2,708.229	298
2360	26 32W 20	2340	2,745.937	405
2361	26 32W 24	2375	2,721.438	346
2362	26 32W 21	2340	2,744.307	404
2363	26 32W 23	2345	2,737.213	392
2364	26 32W 22	2340	2,742.024	402
2365	26 36W 20	2685	2,912.690	227
2366	26 38W 21	3110	3,015.702	-95
2367	26 36W 21	2660	2,907.231	247
2368	26 26W 23	2370	2,514.681	144
2369	26 38W 22	3105	3,008.929	-97
2370	26 28W 23	2405	2,591.256	186
2371	26 36W 22	2650	2,901.301	251

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2372	26 28W 22	2425	2,599.126	174
2373	26 26W 22	2345	2,521.343	176
2374	26 36W 23	2640	2,893.271	253
2375	26 38W 23	3085	2,970.704	-115
2376	26 28W 21	2445	2,609.150	164
2377	26 26W 21	2340	2,527.469	187
2378	26 28W 20	2445	2,617.467	172
2379	26 35W 19	2630	2,865.457	235
2380	26 28W 19	2445	2,624.329	179
2381	26 35W 20	2620	2,855.266	235
2382	26 26W 20	2340	2,534.050	194
2383	26 29W 24	2450	2,629.544	179
2384	26 35W 21	2615	2,845.869	230
2385	26 29W 23	2475	2,630.035	155
2386	26 26W 19	2350	2,541.209	191
2387	26 35W 22	2605	2,838.089	233
2388	26 29W 22	2500	2,633.148	133
2389	26 35W 23	2605	2,830.652	225
2390	26 27W 24	2340	2,547.389	207
2391	26 29W 21	2510	2,637.786	127
2392	26 35W 24	2575	2,823.234	248
2393	26 29W 20	2515	2,643.084	128
2394	26 34W 19	2560	2,816.494	256
2395	26 27W 23	2350	2,554.945	204
2396	26 29W 19	2515	2,648.705	133
2397	26 34W 20	2550	2,809.971	259
2398	26 30W 24	2505	2,654.423	149
2399	26 34W 21	2560	2,804.048	244
2400	26 30W 23	2505	2,659.655	154
2401	26 27W 22	2350	2,557.725	207
2402	26 25W 20	2350	2,484.441	134
2403	26 30W 22	2490	2,665.084	175
2404	26 30W 21	2485	2,670.690	185
2405	26 27W 21	2360	2,563.297	203
2406	26 30W 20	2480	2,676.346	196
2407	26 30W 19	2470	2,681.595	211
2408	26 25W 19	2400	2,494.320	94
2409	26 31W 24	2465	2,687.251	222
2410	26 31W 23	2465	2,693.551	228
2411	26 27W 20	2395	2,570.306	175
2412	26 31W 22	2460	2,696.647	236
2413	26 31W 21	2450	2,698.602	248
2414	26 27W 19	2400	2,577.379	177
2415	26 26W 24	2400	2,506.026	106

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2416	26 28W 24	2400	2,584.656	184
2417	26 43W 28	3240	3,372.751	132
2418	26 43W 27	3260	3,330.160	70
2419	26 43W 26	3275	3,292.242	17
2420	26 43W 25	3245	3,281.544	36
2421	26 42W 30	3215	3,268.935	53
2422	26 42W 29	3185	3,251.452	66
2423	26 42W 28	3175	3,235.400	60
2424	26 42W 27	3160	3,225.590	65
2425	26 42W 26	3135	3,220.172	85
2426	26 42W 25	3095	3,232.183	137
2427	26 41W 30	3080	3,255.252	175
2428	26 41W 29	3060	3,254.653	194
2429	26 23 30	2200	2,256.455	56
2430	26 22W 25	2285	2,311.676	26
2431	26 41W 28	3050	3,256.156	206
2432	26 23 0	2215	2,266.909	51
2433	26 22W 26	2290	2,319.644	29
2434	26 41W 27	3320	3,239.147	-81
2435	26 23 0	2230	2,278.028	48
2436	26 22W 27	2300	2,327.888	27
2437	26 41W 26	3320	3,222.337	-98
2438	26 23 0	2235	2,287.391	52
2439	26 22W 28	2330	2,336.832	6
2440	26 41W 25	3320	3,209.204	-111
2441	26 23 0	2240	2,295.873	55
2442	26 40W 30	3290	3,201.324	-89
2443	26 22W 29	2360	2,345.157	-15
2444	26 23W 30	2385	2,401.942	16
2445	26 40W 29	3260	3,186.143	-74
2446	26 22W 30	2340	2,353.449	13
2447	26 23 0	2260	2,303.852	43
2448	26 24W 25	2405	2,410.344	5
2449	26 40W 28	3310	3,145.074	-165
2450	26 23W 25	2375	2,361.688	-14
2451	26 24W 26	2300	2,416.125	116
2452	26 40W 27	3275	3,133.566	-142
2453	26 23W 26	2340	2,369.873	29
2454	26 24W 27	2340	2,419.414	79
2455	26 40W 26	3265	3,124.795	-141
2456	26 33W 30	2520	2,775.319	255
2457	26 33W 29	2520	2,766.358	246
2458	26 33W 28	2500	2,757.496	257
2459	26 38W 29	3100	3,011.592	-89

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2460	26 33W 27	2460	2,749.465	289
2461	26 24W 28	2405	2,425.844	20
2462	26 23W 27	2295	2,378.409	83
2463	26 33W 26	2400	2,746.016	346
2464	26 33W 25	2390	2,744.634	354
2465	26 32W 30	2360	2,743.674	383
2466	26 40W 25	3260	3,114.533	-146
2467	26 32W 29	2345	2,742.510	397
2468	26 38W 28	3080	3,003.724	-77
2469	26 24W 29	2340	2,433.002	93
2470	26 36W 28	2660	2,899.236	239
2471	26 23W 28	2310	2,386.380	76
2472	26 39W 30	3240	3,102.960	-138
2473	26 38W 27	3060	2,995.020	-65
2474	26 36W 27	2645	2,893.791	248
2475	26 24W 30	2330	2,441.010	111
2476	26 36W 26	2640	2,883.273	243
2477	26 39W 29	3220	3,090.410	-130
2478	26 23W 29	2365	2,394.232	29
2479	26 38W 26	3055	2,948.494	-107
2480	26 36W 25	2635	2,868.122	233
2481	26 25W 25	2325	2,449.417	124
2482	26 38W 25	3050	2,945.674	-105
2483	26 35W 30	2635	2,855.400	220
2484	26 39W 28	3200	3,076.668	-124
2485	26 35W 29	2635	2,846.768	211
2486	26 37W 30	3040	2,944.646	-96
2487	26 25W 26	2340	2,459.184	119
2488	26 35W 28	2625	2,838.769	213
2489	26 39W 27	3180	3,063.212	-117
2490	26 37W 29	2975	2,940.992	-35
2491	26 25W 27	2355	2,466.659	111
2492	26 39W 26	3150	3,031.007	-119
2493	26 37W 28	2750	2,927.107	177
2494	26 25W 28	2350	2,474.687	124
2495	26 37W 27	2735	2,917.052	182
2496	26 39W 25	3130	3,018.694	-112
2497	26 34W 28	2520	2,802.116	282
2498	26 34W 27	2495	2,796.078	301
2499	26 37W 26	2715	2,911.744	196
2500	26 25W 29	2325	2,481.986	156
2501	26 34W 26	2495	2,789.496	294
2502	26 38W 30	3115	3,015.896	-100
2503	26 34W 25	2520	2,782.727	262

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2504	26 37W 25	2710	2,908.167	198
2505	26 25W 30	2345	2,489.555	144
2506	26 27W 29	2390	2,567.398	177
2507	26 36W 30	2690	2,905.295	215
2508	26 31W 28	2440	2,693.776	253
2509	26 31W 29	2415	2,696.658	281
2510	26 31W 30	2390	2,701.720	311
2511	26 32W 25	2350	2,714.011	364
2512	26 32W 28	2340	2,739.949	399
2513	26 32W 26	2340	2,728.149	388
2514	26 32W 27	2340	2,735.457	395
2515	26 27W 30	2390	2,574.298	184
2516	26 26W 25	2345	2,498.846	153
2517	26 36W 29	2675	2,902.405	227
2518	26 28W 25	2425	2,581.532	156
2519	26 26W 26	2340	2,506.311	166
2520	26 28W 26	2455	2,588.191	133
2521	26 28W 27	2450	2,594.430	144
2522	26 26W 27	2340	2,513.799	173
2523	26 28W 28	2445	2,602.232	157
2524	26 26W 28	2340	2,521.607	181
2525	26 28W 29	2460	2,610.019	150
2526	26 28W 30	2485	2,617.315	132
2527	26 26W 29	2340	2,529.741	189
2528	26 29W 25	2505	2,624.349	119
2529	26 29W 26	2505	2,627.585	122
2530	26 26W 30	2345	2,536.807	191
2531	26 35W 27	2615	2,831.140	216
2532	26 29W 27	2500	2,631.247	131
2533	26 35W 26	2605	2,825.184	220
2534	26 27W 25	2350	2,542.465	192
2535	26 29W 28	2500	2,635.695	135
2536	26 35W 25	2600	2,819.541	219
2537	26 29W 29	2515	2,640.594	125
2538	26 34W 30	2570	2,813.996	243
2539	26 27W 26	2370	2,547.856	177
2540	26 29W 30	2515	2,645.595	130
2541	26 34W 29	2530	2,807.911	277
2542	26 30W 25	2510	2,650.872	140
2543	26 30W 26	2505	2,656.384	151
2544	26 27W 27	2380	2,553.757	173
2545	26 30W 27	2490	2,662.176	172
2546	26 30W 28	2490	2,668.045	178
2547	26 27W 28	2385	2,560.394	175

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2548	26 30W 29	2500	2,673.746	173
2549	26 30W 30	2490	2,679.110	189
2550	26 31W 25	2475	2,684.123	209
2551	26 31W 26	2465	2,689.101	224
2552	26 31W 27	2460	2,691.964	231
2553	26 43W 33	3240	3,373.481	133
2554	26 43W 34	3240	3,311.790	71
2555	26 43W 35	3240	3,292.141	52
2556	26 1 36	3225	3,277.696	52
2557	26 42W 31	3195	3,265.433	70
2558	26 42W 32	3190	3,249.797	59
2559	26 42W 33	3175	3,233.981	58
2560	26 42W 34	3160	3,223.700	63
2561	26 42W 35	3140	3,217.328	77
2562	26 42W 36	3115	3,211.019	96
2563	26 41W 31	3095	3,206.607	111
2564	26 41W 32	3085	3,209.302	124
2565	26 41W 33	3070	3,207.877	137
2566	26 23 0	2240	2,278.213	38
2567	26 23 0	2250	2,287.823	37
2568	26 23 0	2260	2,296.153	36
2569	26 23 0	2285	2,304.021	19
2570	26 23 31	2230	2,257.824	27
2571	26 22W 36	2285	2,311.824	26
2572	26 23 0	2240	2,268.328	28
2573	26 22W 35	2285	2,320.126	35
2574	26 41W 34	3045	3,216.018	171
2575	26 22W 34	2285	2,330.532	45
2576	26 41W 35	3045	3,212.110	167
2577	26 22W 33	2290	2,339.886	49
2578	26 41W 36	3240	3,202.330	-38
2579	26 23W 32	2335	2,395.541	60
2580	26 40W 31	3240	3,182.335	-58
2581	26 22W 32	2315	2,347.969	32
2582	26 23W 31	2350	2,403.386	53
2583	26 40W 32	3235	3,140.150	-95
2584	26 22W 31	2355	2,355.335	0
2585	26 24W 36	2320	2,411.435	91
2586	26 40W 33	3240	3,127.233	-113
2587	26 39W 35	3130	3,013.544	-117
2588	26 23W 36	2360	2,362.701	2
2589	26 24W 35	2300	2,418.247	118
2590	26 39W 36	3100	3,006.212	-94
2591	26 40W 34	3240	3,117.423	-123

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2592	26 23W 35	2295	2,370.374	75
2593	26 37W 35	2730	2,896.923	166
2594	26 24W 34	2320	2,425.148	105
2595	26 34W 35	2490	2,787.690	297
2596	26 38W 31	3075	3,005.044	-70
2597	26 34W 36	2495	2,780.141	285
2598	26 40W 35	3235	3,106.505	-129
2599	26 33W 31	2485	2,770.807	285
2600	26 37W 36	2720	2,895.271	175
2601	26 33W 32	2520	2,760.314	240
2602	26 33W 33	2530	2,751.170	221
2603	26 38W 32	3060	3,001.229	-59
2604	26 33W 34	2540	2,743.744	203
2605	26 24W 33	2340	2,427.924	87
2606	26 23W 34	2290	2,379.090	89
2607	26 33W 35	2450	2,741.471	291
2608	26 36W 31	2710	2,897.644	187
2609	26 33W 36	2420	2,741.326	321
2610	26 32W 31	2380	2,740.540	360
2611	26 40W 36	3220	3,094.486	-126
2612	26 32W 32	2375	2,738.493	363
2613	26 32W 33	2350	2,731.244	381
2614	26 32W 35	2340	2,716.194	376
2615	26 32W 34	2340	2,725.567	385
2616	26 36W 32	2690	2,895.751	205
2617	26 38W 33	3020	2,991.818	-29
2618	26 24W 32	2315	2,433.732	118
2619	26 23W 33	2295	2,387.487	92
2620	26 36W 33	2685	2,890.859	205
2621	26 39W 31	3200	3,081.583	-119
2622	26 38W 34	2975	2,980.011	-99
2623	26 36W 34	2675	2,885.201	210
2624	26 24W 31	2300	2,444.193	144
2625	26 39W 32	3180	3,068.099	-112
2626	26 38W 35	2975	2,926.643	-49
2627	26 36W 35	2665	2,878.542	213
2628	26 36W 36	2660	2,863.439	203
2629	26 25W 36	2295	2,452.015	157
2630	26 38W 36	3015	2,915.399	-100
2631	26 39W 33	3170	3,053.707	-117
2632	26 35W 31	2660	2,848.229	188
2633	26 35W 32	2650	2,839.865	189
2634	26 37W 31	2950	2,913.530	-37
2635	26 25W 35	2295	2,460.042	165

Appendix V (cont.)
 Saturated Thickness Values
 Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2636	26 35W 33	2640	2,833.469	193
2637	26 39W 34	3150	3,039.514	-111
2638	26 37W 32	2940	2,915.054	-25
2639	26 35W 34	2640	2,828.117	188
2640	26 25W 34	2295	2,467.610	172
2641	26 35W 35	2620	2,823.571	203
2642	26 37W 33	2760	2,906.788	146
2643	26 34W 31	2575	2,812.604	237
2644	26 25W 33	2295	2,475.245	180
2645	26 37W 34	2740	2,899.857	159
2646	26 34W 32	2550	2,807.030	257
2647	26 34W 33	2570	2,801.106	231
2648	26 27W 34	2400	2,551.959	151
2649	26 34W 34	2500	2,794.663	294
2650	26 25W 32	2310	2,481.144	171
2651	26 27W 33	2420	2,558.973	138
2652	26 25W 31	2340	2,486.524	146
2653	26 27W 32	2425	2,565.443	140
2654	26 31W 34	2460	2,687.570	227
2655	26 31W 33	2425	2,688.858	263
2656	26 31W 32	2390	2,691.143	301
2657	26 31W 31	2365	2,695.656	330
2658	26 32W 36	2340	2,704.095	364
2659	26 27W 31	2425	2,572.113	147
2660	26 26W 36	2350	2,494.144	144
2661	26 28W 36	2415	2,579.112	164
2662	26 26W 35	2360	2,501.448	141
2663	26 28W 35	2425	2,585.680	160
2664	26 28W 34	2460	2,592.116	132
2665	26 26W 34	2360	2,509.800	149
2666	26 28W 33	2475	2,598.345	123
2667	26 26W 33	2410	2,517.947	107
2668	26 28W 32	2475	2,604.920	129
2669	26 28W 31	2480	2,612.141	132
2670	26 26W 32	2455	2,526.315	71
2671	26 29W 36	2495	2,620.080	125
2672	26 29W 35	2520	2,625.567	105
2673	26 26W 31	2440	2,533.166	93
2674	26 29W 34	2535	2,629.806	94
2675	26 27W 36	2410	2,539.004	129
2676	26 29W 33	2545	2,634.061	89
2677	26 35W 36	2610	2,818.068	208
2678	26 29W 32	2550	2,638.619	88
2679	26 27W 35	2425	2,545.220	120

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2680	26 29W 31	2550	2,643.148	93
2681	26 30W 36	2520	2,647.933	127
2682	26 30W 35	2510	2,653.541	143
2683	26 30W 34	2510	2,659.788	149
2684	26 30W 33	2535	2,665.458	130
2685	26 30W 32	2535	2,670.559	135
2686	26 30W 31	2515	2,675.612	160
2687	26 31W 36	2490	2,680.323	190
2688	26 31W 35	2475	2,684.570	209
2689	27 43W 4	3240	3,374.051	134
2690	27 43W 3	3240	3,299.541	59
2691	27 43W 2	3240	3,297.425	57
2692	27 43W 1	3220	3,278.786	58
2693	27 42W 6	3200	3,265.605	65
2694	27 42W 5	3190	3,251.442	61
2695	27 42W 4	3175	3,236.413	61
2696	27 42W 3	3165	3,224.706	59
2697	27 42W 2	3145	3,215.967	70
2698	27 42W 1	3135	3,211.102	76
2699	27 41W 6	3120	3,199.992	79
2700	27 41W 5	3110	3,188.731	78
2701	27 24 0	2240	2,260.079	20
2702	27 41W 4	3110	3,188.787	78
2703	27 24 0	2260	2,269.660	9
2704	27 41W 3	3100	3,201.086	101
2705	27 24 0	2275	2,279.066	4
2706	27 41W 2	3065	3,203.131	138
2707	27 24 0	2280	2,288.061	8
2708	27 41W 1	3060	3,186.514	126
2709	27 24 0	2285	2,297.125	12
2710	27 40W 6	3040	3,142.264	102
2711	27 40W 5	3230	3,125.273	-105
2712	27 24 0	2305	2,305.634	0
2713	27 40W 4	3225	3,114.566	-111
2714	27 22W 1	2290	2,316.742	26
2715	27 40W 3	3220	3,102.963	-118
2716	27 22W 2	2290	2,329.017	39
2717	27 40W 2	3210	3,090.433	-120
2718	27 40W 1	3190	3,077.074	-113
2719	27 22W 3	2290	2,340.081	50
2720	27 23W 4	2350	2,390.209	40
2721	27 39W 6	3180	3,063.146	-117
2722	27 22W 4	2290	2,348.716	58
2723	27 39W 5	3165	3,048.937	-117

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2724	27 23W 5	2330	2,397.222	67
2725	27 22W 5	2330	2,356.100	26
2726	27 38W 1	2940	2,894.435	-46
2727	27 39W 4	3140	3,034.022	-106
2728	27 23W 6	2310	2,404.558	94
2729	27 37W 6	2940	2,889.654	-51
2730	27 22W 6	2390	2,363.549	-27
2731	27 39W 3	3130	3,019.208	-111
2732	27 24W 1	2300	2,412.591	112
2733	27 37W 5	2760	2,893.396	133
2734	27 39W 2	3110	2,998.660	-112
2735	27 37W 4	2760	2,889.561	129
2736	27 23W 1	2360	2,370.330	10
2737	27 24W 2	2295	2,419.941	124
2738	27 39W 1	3085	2,993.644	-92
2739	27 37W 3	2740	2,887.346	147
2740	27 34W 3	2540	2,794.076	254
2741	27 23W 2	2360	2,376.960	16
2742	27 37W 2	2730	2,890.913	160
2743	27 24W 3	2290	2,426.690	136
2744	27 34W 2	2535	2,786.061	251
2745	27 38W 6	3065	2,993.724	-72
2746	27 34W 1	2520	2,776.686	256
2747	27 33W 6	2515	2,764.707	249
2748	27 37W 1	2725	2,892.849	167
2749	27 33W 5	2500	2,752.928	252
2750	27 33W 4	2490	2,743.871	253
2751	27 38W 5	3045	2,990.894	-55
2752	27 33W 3	2490	2,737.329	247
2753	27 24W 4	2295	2,428.557	133
2754	27 23W 3	2355	2,383.923	28
2755	27 33W 2	2470	2,737.053	267
2756	27 36W 6	2715	2,891.479	176
2757	27 33W 1	2425	2,737.123	312
2758	27 32W 6	2415	2,735.124	320
2759	27 31W 6	2340	2,690.332	350
2760	27 32W 5	2415	2,729.601	314
2761	27 32W 1	2340	2,696.540	356
2762	27 32W 4	2400	2,721.479	321
2763	27 32W 2	2360	2,706.539	346
2764	27 32W 3	2385	2,715.799	330
2765	27 36W 5	2710	2,886.360	176
2766	27 38W 4	2980	2,981.105	-99
2767	27 24W 5	2310	2,435.357	125

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2768	27 36W 4	2710	2,881.563	171
2769	27 38W 3	2940	2,965.699	-99
2770	27 36W 3	2690	2,875.707	185
2771	27 24W 6	2320	2,444.234	124
2772	27 38W 2	2950	2,909.165	-41
2773	27 36W 2	2685	2,868.747	183
2774	27 36W 1	2670	2,860.845	190
2775	27 25W 1	2320	2,452.468	132
2776	27 35W 6	2665	2,846.460	181
2777	27 28W 6	2460	2,610.246	150
2778	27 35W 5	2660	2,836.562	176
2779	27 25W 2	2320	2,461.038	141
2780	27 29W 1	2470	2,618.615	148
2781	27 35W 4	2660	2,831.511	171
2782	27 29W 2	2480	2,624.744	144
2783	27 35W 3	2650	2,827.056	177
2784	27 25W 3	2325	2,468.685	143
2785	27 29W 3	2540	2,629.123	89
2786	27 35W 2	2630	2,821.787	191
2787	27 27W 1	2460	2,538.186	78
2788	27 29W 4	2550	2,633.340	83
2789	27 35W 1	2615	2,817.020	202
2790	27 29W 5	2550	2,637.715	87
2791	27 34W 6	2600	2,814.066	214
2792	27 25W 4	2340	2,475.999	135
2793	27 27W 2	2450	2,545.834	95
2794	27 29W 6	2545	2,641.856	96
2795	27 34W 5	2585	2,807.565	222
2796	27 30W 1	2530	2,646.097	116
2797	27 34W 4	2565	2,801.284	236
2798	27 27W 3	2435	2,553.965	118
2799	27 30W 2	2540	2,650.884	110
2800	27 25W 5	2345	2,481.482	136
2801	27 27W 4	2440	2,562.178	122
2802	27 25W 6	2380	2,485.381	105
2803	27 31W 1	2490	2,676.301	186
2804	27 27W 5	2465	2,571.333	106
2805	27 31W 2	2465	2,680.026	215
2806	27 31W 3	2460	2,682.249	222
2807	27 31W 4	2415	2,683.295	268
2808	27 31W 5	2370	2,685.542	315
2809	27 27W 6	2470	2,578.069	108
2810	27 26W 1	2420	2,491.619	71
2811	27 28W 1	2455	2,583.230	128

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2812	27 26W 2	2425	2,498.943	73
2813	27 28W 2	2440	2,587.408	147
2814	27 28W 3	2440	2,591.761	151
2815	27 26W 3	2440	2,507.428	67
2816	27 28W 4	2455	2,596.841	141
2817	27 26W 4	2460	2,515.718	55
2818	27 28W 5	2460	2,602.892	142
2819	27 26W 5	2460	2,524.261	64
2820	27 26W 6	2490	2,531.474	41
2821	27 30W 3	2555	2,656.648	101
2822	27 30W 4	2555	2,662.798	107
2823	27 30W 5	2550	2,668.455	118
2824	27 30W 6	2520	2,672.869	152
2825	27 43W 9	3275	3,375.427	100
2826	27 43W 10	3270	3,301.183	31
2827	27 43W 11	3260	3,303.299	43
2828	27 43W 12	3215	3,285.444	70
2829	27 42W 7	3190	3,269.283	79
2830	27 42W 8	3185	3,255.183	70
2831	27 42W 9	3175	3,240.291	65
2832	27 42W 10	3170	3,227.092	57
2833	27 42W 11	3160	3,215.410	55
2834	27 42W 12	3140	3,206.962	66
2835	27 41W 7	3130	3,199.926	69
2836	27 41W 8	3115	3,194.248	79
2837	27 24 0	2245	2,263.270	18
2838	27 41W 9	3085	3,194.793	109
2839	27 24 0	2260	2,272.068	12
2840	27 41W 10	3055	3,195.935	140
2841	27 24 0	2290	2,281.419	-9
2842	27 41W 11	3050	3,194.494	144
2843	27 24 0	2310	2,290.709	-20
2844	27 41W 12	3045	3,154.445	109
2845	27 24 0	2325	2,301.017	-24
2846	27 40W 7	3040	3,125.111	85
2847	27 40W 8	3020	3,113.919	93
2848	27 24 0	2325	2,313.472	-12
2849	27 40W 9	3020	3,101.880	81
2850	27 22W 12	2290	2,325.664	35
2851	27 40W 10	3015	3,088.860	73
2852	27 22W 11	2260	2,336.909	76
2853	27 38W 7	3060	2,983.387	-77
2854	27 40W 11	3010	3,075.001	65
2855	27 38W 8	3040	2,981.267	-59

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2856	27 23W 10	2340	2,388.384	48
2857	27 40W 12	3185	3,060.515	-125
2858	27 22W 10	2255	2,346.355	91
2859	27 38W 9	2980	2,972.134	-8
2860	27 24W 8	2320	2,437.862	117
2861	27 23W 9	2320	2,394.808	74
2862	27 39W 7	3160	3,045.717	-115
2863	27 22W 9	2250	2,354.184	104
2864	27 38W 10	2950	2,953.901	-99
2865	27 36W 10	2675	2,866.212	191
2866	27 24W 7	2330	2,443.985	113
2867	27 39W 8	3140	3,030.885	-110
2868	27 36W 11	2660	2,859.249	199
2869	27 23W 8	2300	2,400.912	100
2870	27 38W 11	2940	2,899.299	-41
2871	27 36W 12	2660	2,851.535	191
2872	27 22W 8	2325	2,361.560	36
2873	27 25W 12	2350	2,451.786	101
2874	27 38W 12	2760	2,877.849	-99
2875	27 39W 9	3130	3,015.506	-115
2876	27 35W 7	2660	2,844.006	184
2877	27 23W 7	2295	2,407.169	112
2878	27 35W 8	2655	2,834.461	179
2879	27 37W 7	2755	2,868.377	113
2880	27 25W 11	2350	2,460.745	110
2881	27 22W 7	2400	2,368.673	-32
2882	27 39W 10	3120	3,000.242	-120
2883	27 24W 12	2290	2,414.018	124
2884	27 37W 8	2755	2,868.376	113
2885	27 25W 10	2360	2,468.696	108
2886	27 39W 11	3090	2,985.360	-105
2887	27 37W 9	2740	2,869.123	129
2888	27 23W 12	2345	2,375.817	30
2889	27 24W 11	2295	2,420.755	125
2890	27 25W 9	2370	2,476.292	106
2891	27 39W 12	3080	2,981.791	-99
2892	27 37W 10	2725	2,874.634	149
2893	27 34W 9	2560	2,801.531	241
2894	27 34W 10	2555	2,793.190	238
2895	27 23W 11	2345	2,382.258	37
2896	27 37W 11	2715	2,883.348	168
2897	27 24W 10	2300	2,428.020	128
2898	27 34W 11	2540	2,783.516	243
2899	27 34W 12	2535	2,771.194	236

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2900	27 33W 7	2520	2,756.906	236
2901	27 37W 12	2715	2,884.306	169
2902	27 33W 8	2510	2,744.177	234
2903	27 33W 9	2510	2,735.421	225
2904	27 33W 10	2510	2,730.086	220
2905	27 24W 9	2310	2,424.674	114
2906	27 33W 11	2475	2,731.127	256
2907	27 36W 7	2705	2,879.807	174
2908	27 33W 12	2440	2,729.819	289
2909	27 31W 8	2340	2,680.017	340
2910	27 32W 7	2460	2,727.297	267
2911	27 31W 7	2335	2,685.769	350
2912	27 32W 8	2450	2,721.398	271
2913	27 32W 12	2350	2,692.217	342
2914	27 32W 9	2435	2,714.204	279
2915	27 32W 11	2405	2,701.835	296
2916	27 32W 10	2415	2,709.276	294
2917	27 36W 8	2700	2,877.423	177
2918	27 28W 12	2480	2,586.222	106
2919	27 36W 9	2690	2,871.157	181
2920	27 28W 11	2460	2,589.746	129
2921	27 26W 10	2460	2,506.169	46
2922	27 28W 10	2445	2,592.865	147
2923	27 28W 9	2440	2,596.949	156
2924	27 26W 9	2460	2,514.486	54
2925	27 28W 8	2445	2,602.835	157
2926	27 28W 7	2445	2,610.517	165
2927	27 26W 8	2475	2,521.702	46
2928	27 29W 12	2445	2,619.171	174
2929	27 35W 9	2650	2,829.141	179
2930	27 26W 7	2480	2,531.003	51
2931	27 29W 11	2455	2,625.068	170
2932	27 35W 10	2640	2,823.378	183
2933	27 29W 10	2475	2,631.426	156
2934	27 35W 11	2620	2,820.018	200
2935	27 27W 12	2480	2,538.442	58
2936	27 29W 9	2490	2,633.977	143
2937	27 35W 12	2615	2,818.908	203
2938	27 29W 8	2495	2,637.401	142
2939	27 34W 7	2610	2,814.222	204
2940	27 27W 11	2460	2,548.187	88
2941	27 29W 7	2510	2,641.364	131
2942	27 34W 8	2590	2,808.632	218
2943	27 30W 12	2530	2,645.062	115

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2944	27 27W 10	2460	2,557.897	97
2945	27 30W 11	2555	2,648.807	93
2946	27 25W 8	2395	2,481.874	86
2947	27 30W 10	2555	2,653.600	98
2948	27 30W 9	2540	2,659.026	119
2949	27 27W 9	2470	2,566.524	96
2950	27 30W 8	2540	2,664.210	124
2951	27 30W 7	2515	2,668.882	153
2952	27 25W 7	2410	2,484.885	74
2953	27 31W 12	2485	2,670.310	185
2954	27 27W 8	2490	2,574.746	84
2955	27 31W 11	2465	2,673.118	208
2956	27 31W 10	2450	2,674.459	224
2957	27 31W 9	2400	2,675.645	275
2958	27 27W 7	2505	2,581.110	76
2959	27 26W 12	2450	2,490.211	40
2960	27 26W 11	2470	2,497.456	27
2961	27 43W 16	3340	3,377.552	37
2962	27 43W 15	3325	3,314.957	-11
2963	27 43W 14	3285	3,308.472	23
2964	27 43W 13	3240	3,288.618	48
2965	27 42W 18	3210	3,273.198	63
2966	27 42W 17	3195	3,257.400	62
2967	27 42W 16	3185	3,242.125	57
2968	27 42W 15	3170	3,227.288	57
2969	27 42W 14	3160	3,212.853	52
2970	27 42W 13	3150	3,201.310	51
2971	27 41W 18	3125	3,192.534	67
2972	27 41W 17	3100	3,186.721	86
2973	27 41W 16	3060	3,185.214	125
2974	27 41W 15	3045	3,186.975	141
2975	27 41W 14	3040	3,185.599	145
2976	27 24 0	2250	2,267.116	17
2977	27 24 0	2265	2,275.870	10
2978	27 24 0	2280	2,285.017	5
2979	27 24 0	2310	2,294.295	-16
2980	27 41W 13	3035	3,135.066	100
2981	27 24 0	2330	2,304.589	-26
2982	27 40W 18	3030	3,127.178	97
2983	27 39W 16	2795	3,000.909	205
2984	27 40W 17	3020	3,134.114	114
2985	27 24 0	2350	2,316.007	-34
2986	27 39W 15	3100	2,985.619	-115
2987	27 40W 16	3015	3,124.347	109

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
2988	27 39W 14	3080	2,974.031	-106
2989	27 22W 13	2340	2,328.325	-12
2990	27 24W 14	2305	2,420.936	115
2991	27 40W 15	3000	3,089.191	89
2992	27 39W 13	3065	2,971.123	-94
2993	27 23W 14	2320	2,382.964	62
2994	27 37W 14	2710	2,864.003	154
2995	27 24W 15	2320	2,427.483	107
2996	27 22W 14	2290	2,339.042	49
2997	27 38W 18	3050	2,972.421	-78
2998	27 40W 14	2965	3,061.724	96
2999	27 34W 13	2515	2,764.057	249
3000	27 37W 13	2690	2,870.571	180
3001	27 33W 18	2510	2,748.078	238
3002	27 33W 17	2510	2,734.843	224
3003	27 33W 16	2505	2,726.463	221
3004	27 24W 16	2330	2,432.572	102
3005	27 38W 17	3025	2,970.950	-55
3006	27 23W 15	2305	2,389.130	84
3007	27 33W 15	2500	2,723.005	223
3008	27 36W 18	2665	2,868.357	203
3009	27 33W 14	2485	2,722.235	237
3010	27 40W 13	2940	3,046.426	106
3011	27 33W 13	2475	2,721.230	246
3012	27 22W 15	2250	2,348.036	98
3013	27 32W 18	2475	2,718.707	243
3014	27 32W 17	2460	2,713.102	253
3015	27 32W 16	2445	2,707.888	262
3016	27 36W 17	2650	2,867.800	217
3017	27 38W 16	2995	2,962.648	-33
3018	27 24W 17	2340	2,438.759	98
3019	27 23W 16	2295	2,395.541	100
3020	27 36W 16	2645	2,860.944	215
3021	27 39W 18	2920	3,030.992	110
3022	27 22W 16	2245	2,355.313	110
3023	27 38W 15	2975	2,944.191	-31
3024	27 36W 15	2640	2,855.879	215
3025	27 24W 18	2350	2,444.263	94
3026	27 39W 17	2860	3,015.703	155
3027	27 36W 14	2640	2,848.982	208
3028	27 23W 17	2290	2,401.643	111
3029	27 38W 14	2780	2,898.758	118
3030	27 36W 13	2640	2,841.985	201
3031	27 22W 17	2250	2,362.715	112

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3032	27 25W 13	2390	2,450.507	60
3033	27 38W 13	2760	2,872.551	112
3034	27 35W 18	2640	2,835.347	195
3035	27 23W 18	2290	2,407.875	117
3036	27 35W 17	2640	2,829.330	189
3037	27 37W 18	2755	2,857.219	102
3038	27 25W 14	2395	2,459.281	64
3039	27 22W 18	2245	2,369.643	124
3040	27 35W 16	2640	2,823.597	183
3041	27 35W 15	2635	2,820.440	185
3042	27 24W 13	2290	2,414.641	124
3043	27 37W 17	2740	2,851.281	111
3044	27 25W 15	2400	2,467.628	67
3045	27 35W 14	2630	2,820.203	190
3046	27 37W 16	2730	2,848.000	117
3047	27 23W 13	2320	2,376.644	56
3048	27 25W 16	2400	2,475.824	75
3049	27 34W 17	2565	2,808.115	243
3050	27 37W 15	2715	2,851.495	136
3051	27 34W 16	2545	2,800.429	255
3052	27 34W 15	2525	2,790.849	265
3053	27 25W 17	2385	2,482.072	97
3054	27 34W 14	2515	2,778.701	263
3055	27 25W 18	2380	2,485.218	105
3056	27 27W 17	2505	2,576.665	71
3057	27 31W 15	2415	2,667.056	252
3058	27 31W 16	2360	2,670.827	310
3059	27 31W 17	2325	2,677.702	352
3060	27 31W 18	2340	2,684.214	344
3061	27 32W 13	2375	2,690.431	315
3062	27 32W 14	2410	2,698.614	288
3063	27 32W 15	2430	2,703.127	273
3064	27 27W 18	2505	2,582.774	77
3065	27 26W 13	2385	2,490.615	105
3066	27 28W 13	2505	2,588.774	83
3067	27 26W 14	2395	2,497.536	102
3068	27 28W 14	2495	2,593.822	98
3069	27 26W 15	2430	2,506.150	76
3070	27 28W 15	2460	2,597.356	137
3071	27 28W 16	2440	2,600.700	160
3072	27 26W 16	2460	2,514.120	54
3073	27 28W 17	2445	2,605.588	160
3074	27 28W 18	2475	2,613.441	138
3075	27 26W 17	2490	2,517.714	27

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3076	27 29W 13	2490	2,621.106	131
3077	27 26W 18	2505	2,530.586	25
3078	27 29W 14	2485	2,629.515	144
3079	27 29W 15	2505	2,638.279	133
3080	27 27W 13	2495	2,539.532	44
3081	27 29W 16	2510	2,640.500	130
3082	27 35W 13	2615	2,818.413	203
3083	27 29W 17	2510	2,640.954	130
3084	27 34W 18	2590	2,811.875	221
3085	27 27W 14	2485	2,549.910	64
3086	27 29W 18	2510	2,641.826	131
3087	27 30W 13	2500	2,644.479	144
3088	27 27W 15	2485	2,559.333	74
3089	27 30W 14	2535	2,647.499	112
3090	27 30W 15	2550	2,650.874	100
3091	27 30W 16	2500	2,655.047	155
3092	27 27W 16	2495	2,568.333	73
3093	27 30W 17	2500	2,658.992	158
3094	27 30W 18	2510	2,662.100	152
3095	27 31W 13	2475	2,662.787	187
3096	27 31W 14	2460	2,664.957	204
3097	27 43W 21	3390	3,380.719	-10
3098	27 43W 22	3360	3,334.005	-26
3099	27 43W 23	3300	3,314.105	14
3100	27 43W 24	3250	3,288.592	38
3101	27 42W 19	3220	3,274.875	54
3102	27 42W 20	3210	3,257.831	47
3103	27 42W 21	3190	3,238.711	48
3104	27 42W 22	3180	3,219.009	39
3105	27 42W 23	3165	3,199.806	34
3106	27 42W 24	3160	3,185.286	25
3107	27 41W 19	3115	3,175.369	60
3108	27 41W 20	3085	3,179.539	94
3109	27 41W 21	3075	3,178.478	103
3110	27 41W 22	3060	3,178.550	118
3111	27 41W 23	3045	3,175.040	130
3112	27 41W 24	3040	3,135.595	95
3113	27 40W 19	3030	3,140.715	110
3114	27 40W 20	3020	3,133.005	113
3115	27 24 0	2245	2,271.440	26
3116	27 40W 21	3005	3,115.583	110
3117	27 40W 22	2960	3,096.460	136
3118	27 24 0	2260	2,280.102	20
3119	27 40W 23	2915	3,074.775	159

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3120	27 24 0	2270	2,289.211	19
3121	27 40W 24	2915	3,051.558	136
3122	27 24 0	2295	2,298.218	3
3123	27 39W 19	2915	3,022.787	107
3124	27 39W 20	2880	3,003.839	123
3125	27 38W 23	2775	2,928.040	153
3126	27 24 0	2310	2,307.928	-3
3127	27 38W 24	2765	2,900.228	135
3128	27 39W 21	2795	2,987.893	192
3129	27 23W 19	2295	2,408.377	113
3130	27 37W 19	2755	2,875.643	120
3131	27 24 0	2355	2,318.773	-37
3132	27 39W 22	2790	2,973.101	183
3133	27 24W 24	2300	2,414.133	114
3134	27 37W 20	2740	2,857.542	117
3135	27 39W 23	2795	2,962.499	167
3136	27 37W 21	2735	2,847.014	112
3137	27 22W 24	2355	2,329.910	-26
3138	27 23W 24	2300	2,377.036	77
3139	27 24W 23	2315	2,419.980	104
3140	27 37W 22	2720	2,842.950	122
3141	27 39W 24	2810	2,959.708	149
3142	27 23W 23	2295	2,383.416	88
3143	27 37W 23	2710	2,847.962	137
3144	27 24W 22	2335	2,426.083	91
3145	27 22W 23	2360	2,340.704	-20
3146	27 34W 23	2465	2,771.853	306
3147	27 38W 19	2805	2,961.304	156
3148	27 34W 24	2460	2,754.235	294
3149	27 37W 24	2690	2,854.708	164
3150	27 33W 19	2485	2,737.038	252
3151	27 33W 20	2485	2,723.756	238
3152	27 33W 21	2475	2,715.830	240
3153	27 24W 21	2345	2,432.396	87
3154	27 38W 20	2790	2,960.540	170
3155	27 23W 22	2290	2,389.646	99
3156	27 33W 22	2465	2,712.206	247
3157	27 36W 19	2665	2,857.805	192
3158	27 33W 23	2465	2,711.369	246
3159	27 33W 24	2460	2,710.782	250
3160	27 22W 22	2360	2,349.153	-11
3161	27 32W 19	2465	2,708.346	243
3162	27 32W 20	2460	2,704.779	244
3163	27 32W 24	2385	2,689.722	304

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3164	27 32W 21	2450	2,701.363	251
3165	27 32W 23	2410	2,694.880	284
3166	27 32W 22	2435	2,697.999	262
3167	27 36W 20	2645	2,855.693	210
3168	27 38W 21	2785	2,953.115	168
3169	27 24W 20	2365	2,438.403	73
3170	27 23W 21	2290	2,396.133	106
3171	27 36W 21	2640	2,849.845	209
3172	27 22W 21	2360	2,354.192	-6
3173	27 38W 22	2785	2,940.243	155
3174	27 36W 22	2640	2,844.955	204
3175	27 24W 19	2390	2,443.780	53
3176	27 36W 23	2640	2,838.783	198
3177	27 23W 20	2290	2,402.265	112
3178	27 36W 24	2645	2,832.591	187
3179	27 22W 20	2360	2,362.708	2
3180	27 25W 24	2410	2,449.541	39
3181	27 35W 19	2660	2,825.870	165
3182	27 35W 20	2670	2,820.974	150
3183	27 25W 23	2405	2,457.596	52
3184	27 22W 19	2360	2,370.114	10
3185	27 35W 21	2665	2,817.484	152
3186	27 35W 22	2660	2,817.330	157
3187	27 25W 22	2395	2,465.856	70
3188	27 35W 23	2640	2,817.346	177
3189	27 35W 24	2615	2,813.333	198
3190	27 34W 19	2590	2,807.420	217
3191	27 25W 21	2390	2,474.780	84
3192	27 34W 20	2565	2,803.687	238
3193	27 34W 21	2535	2,796.839	261
3194	27 27W 22	2505	2,561.433	56
3195	27 34W 22	2510	2,786.385	276
3196	27 25W 20	2415	2,482.117	67
3197	27 27W 21	2505	2,571.162	66
3198	27 25W 19	2420	2,486.404	66
3199	27 31W 23	2425	2,658.973	233
3200	27 31W 23	2425	2,658.973	233
3201	27 27W 20	2510	2,579.151	69
3202	27 31W 22	2375	2,663.042	288
3203	27 31W 22	2375	2,663.042	288
3204	27 31W 21	2325	2,669.672	344
3205	27 31W 20	2315	2,677.886	362
3206	27 31W 19	2355	2,684.291	329
3207	27 27W 19	2510	2,584.992	74

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3208	27 26W 24	2425	2,492.382	67
3209	27 28W 24	2510	2,590.668	80
3210	27 26W 23	2470	2,498.909	28
3211	27 28W 23	2510	2,595.764	85
3212	27 26W 22	2485	2,507.014	22
3213	27 28W 22	2480	2,600.892	120
3214	27 28W 21	2445	2,605.841	160
3215	27 26W 21	2495	2,514.186	19
3216	27 28W 20	2450	2,610.174	160
3217	27 28W 19	2445	2,616.588	171
3218	27 26W 20	2505	2,512.700	7
3219	27 29W 24	2495	2,623.010	128
3220	27 26W 19	2510	2,528.221	18
3221	27 29W 23	2510	2,634.982	124
3222	27 29W 22	2505	2,643.529	138
3223	27 27W 24	2510	2,540.563	30
3224	27 29W 21	2510	2,645.978	135
3225	27 29W 20	2505	2,646.078	141
3226	27 27W 23	2505	2,551.478	46
3227	27 29W 19	2500	2,645.235	145
3228	27 30W 24	2450	2,645.064	195
3229	27 30W 23	2450	2,646.495	196
3230	27 30W 22	2510	2,648.822	138
3231	27 30W 21	2515	2,650.579	135
3232	27 30W 21	2515	2,650.579	135
3233	27 30W 20	2485	2,652.189	167
3234	27 30W 20	2485	2,652.189	167
3235	27 30W 19	2485	2,654.212	169
3236	27 30W 19	2485	2,654.212	169
3237	27 31W 24	2460	2,656.283	196
3238	27 31W 24	2460	2,656.283	196
3239	27 43W 28	3400	3,364.010	-36
3240	27 43W 27	3365	3,343.807	-22
3241	27 43W 26	3310	3,320.066	10
3242	27 43W 25	3260	3,291.850	31
3243	27 42W 30	3235	3,273.922	38
3244	27 42W 29	3215	3,258.875	43
3245	27 42W 28	3195	3,235.154	40
3246	27 42W 27	3185	3,208.762	23
3247	27 42W 26	3160	3,183.867	23
3248	27 42W 25	3150	3,164.114	14
3249	27 41W 30	3095	3,151.547	56
3250	27 41W 29	3085	3,158.789	73
3251	27 41W 28	3080	3,174.390	94

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3252	27 41W 27	3070	3,171.231	101
3253	27 41W 26	3060	3,162.316	102
3254	27 41W 25	3055	3,147.694	92
3255	27 40W 30	3040	3,137.752	97
3256	27 40W 29	3015	3,118.108	103
3257	27 24 0	2220	2,275.646	55
3258	27 40W 28	2970	3,100.188	130
3259	27 39W 25	2790	2,958.363	168
3260	27 40W 27	2920	3,081.574	161
3261	27 24 0	2245	2,284.958	39
3262	27 38W 30	2785	2,963.447	178
3263	27 40W 26	2900	3,061.665	161
3264	27 24 0	2260	2,294.126	34
3265	27 38W 29	2780	2,961.499	181
3266	27 40W 25	2885	3,042.202	157
3267	27 38W 28	2780	2,947.181	167
3268	27 24 0	2270	2,302.979	32
3269	27 39W 30	2870	3,020.731	150
3270	27 38W 27	2770	2,934.344	164
3271	27 39W 29	2860	2,997.980	137
3272	27 38W 26	2765	2,930.683	165
3273	27 36W 26	2675	2,826.299	151
3274	27 24 0	2280	2,312.121	32
3275	27 36W 25	2690	2,819.341	129
3276	27 22W 29	2355	2,359.054	4
3277	27 38W 25	2760	2,903.884	143
3278	27 39W 28	2820	2,977.053	157
3279	27 35W 30	2705	2,814.411	109
3280	27 23W 30	2250	2,407.346	157
3281	27 37W 30	2760	2,876.718	116
3282	27 24 0	2320	2,321.933	1
3283	27 22W 30	2360	2,369.921	9
3284	27 39W 27	2810	2,962.147	152
3285	27 24W 25	2300	2,413.159	113
3286	27 37W 29	2760	2,855.326	95
3287	27 39W 26	2800	2,956.908	156
3288	27 37W 28	2755	2,843.347	88
3289	27 23W 25	2360	2,376.718	16
3290	27 22W 25	2355	2,332.118	-23
3291	27 24W 26	2330	2,418.915	88
3292	27 37W 27	2740	2,835.038	95
3293	27 34W 28	2550	2,799.153	249
3294	27 23W 26	2350	2,383.539	33
3295	27 37W 26	2725	2,837.609	112

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3296	27 34W 27	2515	2,784.335	269
3297	27 22W 26	2355	2,341.489	-14
3298	27 24W 27	2340	2,425.191	85
3299	27 34W 26	2465	2,765.477	300
3300	27 34W 25	2415	2,743.611	328
3301	27 37W 25	2710	2,843.024	133
3302	27 33W 30	2425	2,724.515	299
3303	27 33W 29	2440	2,711.750	271
3304	27 33W 28	2435	2,704.244	269
3305	27 24W 28	2355	2,431.535	76
3306	27 23W 27	2345	2,389.885	44
3307	27 33W 27	2425	2,700.578	275
3308	27 36W 30	2680	2,844.558	164
3309	27 33W 26	2415	2,699.928	284
3310	27 22W 27	2355	2,348.845	-7
3311	27 33W 25	2425	2,699.283	274
3312	27 32W 30	2460	2,697.474	237
3313	27 31W 30	2360	2,683.343	323
3314	27 32W 29	2460	2,695.736	235
3315	27 32W 25	2385	2,687.354	302
3316	27 32W 28	2440	2,694.171	254
3317	27 32W 26	2410	2,690.044	280
3318	27 32W 27	2425	2,692.327	267
3319	27 36W 29	2660	2,842.269	182
3320	27 24W 29	2380	2,437.531	57
3321	27 23W 28	2320	2,396.463	76
3322	27 36W 28	2650	2,838.763	188
3323	27 22W 28	2355	2,351.092	-4
3324	27 36W 27	2660	2,833.119	173
3325	27 24W 30	2410	2,442.507	32
3326	27 23W 29	2320	2,402.111	82
3327	27 28W 28	2475	2,607.284	132
3328	27 25W 25	2415	2,448.608	33
3329	27 28W 29	2505	2,612.681	107
3330	27 28W 30	2500	2,618.568	118
3331	27 35W 29	2705	2,809.847	104
3332	27 25W 26	2400	2,456.405	56
3333	27 29W 25	2495	2,625.227	130
3334	27 35W 28	2680	2,813.504	133
3335	27 29W 26	2500	2,636.089	136
3336	27 35W 27	2660	2,812.102	152
3337	27 25W 27	2370	2,464.336	94
3338	27 29W 27	2510	2,642.588	132
3339	27 35W 26	2620	2,809.845	189

Appendix V (cont.)
 Saturated Thickness Values
 Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3340	27 27W 25	2510	2,540.604	30
3341	27 29W 28	2510	2,645.139	135
3342	27 35W 25	2610	2,803.435	193
3343	27 29W 29	2505	2,645.811	140
3344	27 34W 30	2595	2,799.649	204
3345	27 25W 28	2380	2,473.334	93
3346	27 27W 26	2510	2,552.707	42
3347	27 29W 30	2505	2,645.463	140
3348	27 34W 29	2570	2,802.990	232
3349	27 30W 25	2460	2,645.305	185
3350	27 30W 26	2395	2,646.279	251
3351	27 27W 27	2510	2,563.957	53
3352	27 25W 29	2400	2,481.485	81
3353	27 30W 27	2425	2,648.460	223
3354	27 30W 28	2475	2,649.835	174
3355	27 30W 28	2475	2,649.835	174
3356	27 27W 28	2510	2,573.808	63
3357	27 30W 29	2470	2,650.124	180
3358	27 30W 29	2470	2,650.124	180
3359	27 30W 30	2435	2,650.559	215
3360	27 30W 30	2435	2,650.559	215
3361	27 25W 30	2460	2,487.822	27
3362	27 31W 25	2440	2,652.133	212
3363	27 31W 25	2440	2,652.133	212
3364	27 31W 26	2390	2,655.073	265
3365	27 31W 26	2390	2,655.073	265
3366	27 27W 29	2510	2,581.015	71
3367	27 31W 27	2335	2,661.074	326
3368	27 31W 27	2335	2,661.074	326
3369	27 31W 28	2295	2,669.091	374
3370	27 31W 29	2325	2,677.513	352
3371	27 27W 30	2510	2,587.209	77
3372	27 26W 25	2465	2,494.217	29
3373	27 28W 25	2510	2,592.900	82
3374	27 26W 26	2465	2,500.672	35
3375	27 28W 26	2510	2,597.747	87
3376	27 26W 27	2460	2,507.822	47
3377	27 28W 27	2490	2,602.443	112
3378	27 26W 28	2450	2,512.648	62
3379	27 26W 29	2430	2,507.479	77
3380	27 26W 30	2490	2,520.970	30
3381	27 43W 33	3415	3,343.359	-72
3382	27 43W 34	3370	3,352.433	-18
3383	27 43W 35	3320	3,326.128	6

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3384	27 1 36	3260	3,299.716	39
3385	27 42W 31	3235	3,277.233	42
3386	27 42W 32	3215	3,260.342	45
3387	27 42W 33	3195	3,233.990	38
3388	27 42W 34	3180	3,205.800	25
3389	27 42W 35	3160	3,179.050	19
3390	27 42W 36	3125	3,155.438	30
3391	27 41W 31	3080	3,138.828	58
3392	27 41W 32	3070	3,140.430	70
3393	27 41W 33	3060	3,158.595	98
3394	27 41W 34	3060	3,164.944	104
3395	27 41W 35	3060	3,154.120	94
3396	27 41W 36	3060	3,141.821	81
3397	27 40W 31	3050	3,119.977	69
3398	27 40W 32	3000	3,097.932	97
3399	27 24 0	2280	2,298.780	18
3400	27 24 0	2305	2,307.546	2
3401	27 39W 32	2850	2,988.815	138
3402	27 24 0	2310	2,316.475	6
3403	27 39W 33	2815	2,970.464	155
3404	27 24 0	2320	2,325.160	5
3405	27 39W 34	2765	2,956.601	191
3406	27 24 0	2240	2,280.012	40
3407	27 40W 33	2940	3,079.291	139
3408	27 39W 35	2750	2,956.761	206
3409	27 22W 36	2330	2,334.074	4
3410	27 39W 36	2760	2,965.203	205
3411	27 40W 34	2930	3,063.544	133
3412	27 24 0	2240	2,289.934	49
3413	27 37W 35	2755	2,827.528	72
3414	27 22W 35	2340	2,342.303	2
3415	27 38W 31	2760	2,967.189	207
3416	27 40W 35	2915	3,048.395	133
3417	27 33W 31	2390	2,708.527	318
3418	27 37W 36	2735	2,830.156	95
3419	27 33W 32	2400	2,699.430	299
3420	27 33W 33	2395	2,691.891	296
3421	27 38W 32	2760	2,958.271	198
3422	27 33W 34	2390	2,685.739	295
3423	27 36W 31	2710	2,832.504	122
3424	27 33W 35	2390	2,683.927	293
3425	27 33W 36	2395	2,684.048	289
3426	27 40W 36	2890	3,030.929	140
3427	27 22W 34	2340	2,346.389	6

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3428	27 38W 33	2765	2,942.179	177
3429	27 36W 32	2700	2,832.966	132
3430	27 24W 32	2375	2,436.182	61
3431	27 36W 33	2700	2,828.721	128
3432	27 39W 31	2860	3,010.629	150
3433	27 38W 34	2765	2,922.889	157
3434	27 22W 33	2345	2,348.147	3
3435	27 36W 34	2705	2,822.046	117
3436	27 24W 31	2405	2,441.383	36
3437	27 23W 32	2310	2,401.288	91
3438	27 38W 35	2760	2,919.620	159
3439	27 36W 35	2705	2,814.378	109
3440	27 36W 36	2705	2,807.437	102
3441	27 22W 32	2355	2,355.001	0
3442	27 25W 36	2420	2,447.804	27
3443	27 38W 36	2755	2,894.278	139
3444	27 35W 31	2705	2,801.329	96
3445	27 23W 31	2320	2,406.806	86
3446	27 35W 32	2685	2,799.055	114
3447	27 37W 31	2750	2,870.392	120
3448	27 25W 35	2410	2,455.687	45
3449	27 22W 31	2355	2,366.246	11
3450	27 35W 33	2660	2,808.379	148
3451	27 24W 36	2150	2,412.198	262
3452	27 37W 32	2750	2,853.525	103
3453	27 35W 34	2625	2,804.812	179
3454	27 25W 34	2390	2,463.782	73
3455	27 37W 33	2750	2,841.091	91
3456	27 23W 36	2345	2,376.382	31
3457	27 24W 35	2220	2,417.909	197
3458	27 25W 33	2380	2,472.526	92
3459	27 25W 33	2480	2,472.526	-8
3460	27 37W 34	2760	2,824.629	64
3461	27 34W 32	2565	2,784.000	219
3462	27 34W 33	2560	2,780.351	220
3463	27 23W 35	2320	2,383.325	63
3464	27 34W 34	2525	2,763.842	238
3465	27 24W 34	2290	2,423.908	133
3466	27 34W 35	2485	2,744.486	259
3467	27 34W 36	2435	2,723.537	288
3468	27 24W 33	2330	2,429.990	99
3469	27 23W 34	2310	2,389.727	79
3470	27 31W 33	2300	2,667.407	367
3471	27 31W 32	2340	2,674.910	334

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3472	27 32W 31	2440	2,682.376	242
3473	27 31W 31	2365	2,679.604	314
3474	27 32W 32	2440	2,682.590	242
3475	27 32W 36	2385	2,682.244	297
3476	27 32W 33	2435	2,683.533	248
3477	27 32W 35	2400	2,684.012	284
3478	27 32W 34	2415	2,684.324	269
3479	27 28W 36	2510	2,593.644	83
3480	27 23W 33	2310	2,395.825	85
3481	27 28W 35	2505	2,598.519	93
3482	27 28W 34	2500	2,603.125	103
3483	27 26W 34	2400	2,507.701	107
3484	27 28W 33	2495	2,608.272	113
3485	27 26W 33	2420	2,509.206	89
3486	27 28W 32	2515	2,613.946	98
3487	27 28W 31	2535	2,619.624	84
3488	27 26W 32	2460	2,503.508	43
3489	27 29W 36	2555	2,623.382	68
3490	27 29W 35	2555	2,630.185	75
3491	27 26W 31	2450	2,513.081	63
3492	27 29W 34	2550	2,637.884	87
3493	27 35W 35	2590	2,797.936	207
3494	27 27W 36	2450	2,537.421	87
3495	27 29W 33	2515	2,641.101	126
3496	27 35W 36	2585	2,790.239	205
3497	27 29W 32	2460	2,643.366	183
3498	27 34W 31	2585	2,779.121	194
3499	27 27W 35	2475	2,552.656	77
3500	27 29W 31	2465	2,645.219	180
3501	27 30W 36	2470	2,646.230	176
3502	27 30W 35	2415	2,646.824	231
3503	27 27W 34	2500	2,563.902	63
3504	27 25W 32	2425	2,480.480	55
3505	27 30W 34	2380	2,647.921	267
3506	27 30W 33	2435	2,649.250	214
3507	27 30W 33	2435	2,649.250	214
3508	27 27W 33	2505	2,573.038	68
3509	27 30W 32	2440	2,649.145	209
3510	27 30W 32	2440	2,649.145	209
3511	27 30W 31	2400	2,648.462	248
3512	27 30W 31	2400	2,648.462	248
3513	27 25W 31	2475	2,488.024	13
3514	27 31W 36	2385	2,649.421	264
3515	27 31W 36	2385	2,649.421	264

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3516	27 27W 32	2505	2,580.883	75
3517	27 31W 35	2340	2,653.215	313
3518	27 31W 35	2340	2,653.215	313
3519	27 31W 34	2310	2,659.646	349
3520	27 31W 34	2310	2,659.646	349
3521	27 27W 31	2505	2,587.625	82
3522	27 26W 36	2465	2,494.872	29
3523	27 26W 35	2465	2,501.447	36
3524	28 43W 4	3425	3,336.608	-89
3525	28 43W 3	3375	3,361.318	-14
3526	28 43W 2	3325	3,333.359	8
3527	28 43W 1	3265	3,308.763	43
3528	28 42W 6	3235	3,285.999	50
3529	28 42W 5	3220	3,261.217	41
3530	28 42W 4	3190	3,233.891	43
3531	28 42W 3	3165	3,204.352	39
3532	28 42W 2	3145	3,177.616	32
3533	28 42W 1	3090	3,156.208	66
3534	28 41W 6	3065	3,136.642	71
3535	28 41W 5	3045	3,123.835	78
3536	28 41W 4	3035	3,121.436	86
3537	28 41W 3	3025	3,135.981	110
3538	28 41W 2	3020	3,132.930	112
3539	28 41W 1	3020	3,125.493	105
3540	28 40W 6	3000	3,100.279	100
3541	28 40W 5	2965	3,078.700	113
3542	28 24 0	2260	2,283.280	23
3543	28 40W 4	2940	3,062.719	122
3544	28 40W 3	2930	3,048.971	118
3545	28 24 0	2280	2,293.917	13
3546	28 40W 2	2915	3,035.350	120
3547	28 24 0	2300	2,302.926	2
3548	28 40W 1	2875	3,020.355	145
3549	28 39W 6	2835	3,002.760	167
3550	28 24 0	2310	2,311.633	1
3551	28 38W 3	2760	2,915.096	155
3552	28 39W 5	2825	2,984.922	159
3553	28 38W 2	2760	2,898.735	138
3554	28 24 0	2320	2,320.406	0
3555	28 38W 1	2740	2,883.505	143
3556	28 39W 4	2805	2,971.408	166
3557	28 37W 6	2720	2,867.565	147
3558	28 24 0	2320	2,328.536	8
3559	28 39W 3	2770	2,960.869	190

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3560	28 37W 5	2715	2,851.920	136
3561	28 39W 2	2760	2,962.940	202
3562	28 37W 4	2720	2,839.389	119
3563	28 24 0	2320	2,335.927	15
3564	28 39W 1	2740	2,963.424	223
3565	28 37W 3	2730	2,818.822	88
3566	28 37W 2	2735	2,819.262	84
3567	28 24 0	2305	2,342.797	37
3568	28 24 0	2160	2,422.767	262
3569	28 38W 6	2725	2,951.609	226
3570	28 34W 1	2460	2,687.677	227
3571	28 33W 6	2405	2,683.628	278
3572	28 37W 1	2735	2,823.020	88
3573	28 33W 5	2390	2,685.276	295
3574	28 33W 4	2390	2,678.295	288
3575	28 38W 5	2725	2,934.333	209
3576	28 24 0	2280	2,428.490	148
3577	28 33W 3	2385	2,667.498	282
3578	28 36W 6	2725	2,826.122	101
3579	28 33W 2	2385	2,661.037	276
3580	28 33W 1	2390	2,661.350	271
3581	28 24 0	2305	2,344.155	39
3582	28 32W 6	2405	2,662.651	257
3583	28 32W 5	2420	2,664.544	244
3584	28 32W 4	2420	2,667.831	247
3585	28 32W 3	2410	2,671.907	261
3586	28 38W 4	2730	2,929.326	199
3587	28 36W 5	2720	2,824.389	104
3588	28 24 0	2320	2,434.582	114
3589	28 24 0	2305	2,394.618	89
3590	28 36W 4	2715	2,818.723	103
3591	28 24 0	2315	2,346.703	31
3592	28 36W 3	2710	2,811.194	101
3593	28 24 0	2350	2,440.460	90
3594	28 24 0	2310	2,399.703	89
3595	28 36W 2	2705	2,802.436	97
3596	28 36W 1	2690	2,795.200	105
3597	28 24 0	2310	2,353.234	43
3598	28 25W 1	2400	2,447.271	47
3599	28 35W 6	2665	2,789.765	124
3600	28 24 0	2310	2,405.249	95
3601	28 35W 5	2635	2,788.421	153
3602	28 25W 2	2420	2,455.446	35
3603	28 24 0	2295	2,363.434	68

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-4

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)
3648	28 27W 1	2510	2,523.068
3649	28 29W 4	2540	2,637.924
3650	28 29W 5	2465	2,638.790
3651	28 27W 2	2500	2,544.387
3652	28 29W 6	2365	2,638.923
3653	28 30W 1	2415	2,640.543
3654	28 30W 2	2400	2,642.811
3655	28 27W 3	2475	2,560.500
3656	28 30W 3	2345	2,645.071
3657	28 30W 4	2390	2,646.646
3658	28 30W 4	2390	2,646.646
3659	28 27W 4	2500	2,569.919
3660	28 30W 5	2390	2,646.960
3661	28 30W 5	2390	2,646.960
3662	28 30W 6	2365	2,647.058
3663	28 30W 6	2365	2,647.058
3664	28 31W 1	2330	2,649.417
3665	28 31W 1	2330	2,649.417
3666	28 43W 9	3440	3,352.750
3667	28 43W 10	3385	3,370.438
3668	28 43W 11	3340	3,341.507
3669	28 43W 12	3285	3,319.291
3670	28 42W 7	3240	3,293.826
3671	28 42W 8	3215	3,252.190
3672	28 42W 9	3180	3,226.150
3673	28 42W 10	3155	3,209.129
3674	28 42W 11	3110	3,186.180
3675	28 42W 12	3065	3,159.215
3676	28 41W 7	3040	3,136.095
3677	28 41W 8	3030	3,117.484
3678	28 41W 9	3010	3,110.405
3679	28 41W 10	2990	3,104.103
3680	28 41W 11	2985	3,097.208
3681	28 41W 12	2980	3,089.735
3682	28 40W 7	2970	3,078.821
3683	28 40W 8	2965	3,065.614
3684	28 39W 10	2775	2,969.142
3685	28 24 0	2250	2,286.710
3686	28 40W 9	2955	3,051.002
3687	28 39W 11	2755	2,964.146
3688	28 40W 10	2935	3,037.029
3689	28 39W 12	2730	2,947.389
3690	28 24 0	2260	2,296.405
3691	28 38W 7	2710	2,922.692

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3692	28 40W 11	2905	3,024.407	119
3693	28 24 0	2290	2,305.553	15
3694	28 38W 8	2695	2,898.690	203
3695	28 40W 12	2850	3,012.526	162
3696	28 38W 9	2715	2,883.881	168
3697	28 39W 7	2820	3,000.018	180
3698	28 24 0	2295	2,314.177	19
3699	28 38W 10	2735	2,888.115	153
3700	28 39W 8	2805	2,988.506	183
3701	28 38W 11	2740	2,888.081	148
3702	28 24 0	2310	2,322.848	12
3703	28 38W 12	2725	2,875.898	150
3704	28 39W 9	2790	2,976.647	186
3705	28 37W 7	2695	2,862.717	167
3706	28 24 0	2310	2,330.742	20
3707	28 37W 8	2690	2,848.648	158
3708	28 37W 9	2700	2,836.703	136
3709	28 24 0	2320	2,337.367	17
3710	28 24 0	2210	2,416.042	206
3711	28 37W 10	2715	2,826.509	111
3712	28 34W 10	2480	2,682.238	202
3713	28 37W 11	2720	2,818.781	98
3714	28 24 0	2270	2,342.712	72
3715	28 24 0	2290	2,342.712	52
3716	28 24 0	2250	2,421.820	171
3717	28 34W 11	2480	2,664.622	184
3718	28 34W 12	2465	2,659.373	194
3719	28 33W 7	2425	2,665.572	240
3720	28 37W 12	2720	2,819.558	99
3721	28 33W 8	2395	2,671.269	276
3722	28 33W 9	2385	2,665.477	280
3723	28 24 0	2295	2,387.090	92
3724	28 24 0	2290	2,427.404	137
3725	28 33W 10	2385	2,653.849	268
3726	28 36W 7	2715	2,820.179	105
3727	28 33W 11	2380	2,644.379	264
3728	28 33W 12	2385	2,641.952	256
3729	28 24 0	2290	2,344.854	54
3730	28 32W 7	2390	2,644.147	254
3731	28 31W 7	2370	2,673.096	303
3732	28 32W 8	2405	2,647.885	242
3733	28 32W 12	2380	2,680.047	300
3734	28 32W 9	2405	2,654.967	249
3735	28 32W 11	2375	2,676.925	301

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3736	28 32W 10	2385	2,666.484	281
3737	28 36W 8	2710	2,816.087	106
3738	28 24 0	2335	2,433.353	98
3739	28 24 0	2300	2,393.008	93
3740	28 36W 9	2705	2,807.949	102
3741	28 24 0	2290	2,346.669	56
3742	28 36W 10	2690	2,795.707	105
3743	28 24 0	2390	2,439.865	49
3744	28 24 0	2305	2,398.184	93
3745	28 36W 11	2665	2,789.227	124
3746	28 36W 12	2633	2,783.237	150
3747	28 24 0	2295	2,352.372	57
3748	28 25W 12	2390	2,446.794	56
3749	28 35W 7	2615	2,780.197	165
3750	28 24 0	2305	2,404.148	99
3751	28 28W 7	2520	2,579.922	59
3752	28 35W 8	2595	2,777.661	182
3753	28 25W 11	2410	2,454.624	44
3754	28 29W 12	2520	2,588.279	68
3755	28 24 0	2290	2,360.873	70
3756	28 35W 9	2585	2,781.336	196
3757	28 29W 11	2550	2,607.644	57
3758	28 24 0	2150	2,410.222	260
3759	28 35W 10	2570	2,778.767	208
3760	28 25W 10	2420	2,462.053	42
3761	28 29W 10	2555	2,627.490	72
3762	28 35W 11	2565	2,766.366	201
3763	28 29W 9	2540	2,635.654	95
3764	28 24 0	2290	2,371.954	81
3765	28 35W 12	2565	2,748.013	183
3766	28 29W 8	2500	2,637.800	137
3767	28 34W 7	2555	2,727.049	172
3768	28 25W 9	2405	2,469.740	64
3769	28 29W 7	2410	2,636.726	226
3770	28 34W 8	2520	2,707.490	187
3771	28 30W 12	2340	2,635.282	295
3772	28 34W 9	2485	2,688.501	203
3773	28 27W 10	2560	2,556.311	-4
3774	28 30W 11	2370	2,636.155	266
3775	28 24 0	2290	2,380.341	90
3776	28 25W 8	2390	2,476.796	86
3777	28 30W 10	2320	2,638.381	318
3778	28 30W 9	2335	2,641.666	306
3779	28 30W 9	2335	2,641.666	306

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3780	28 27W 9	2560	2,565.337	5
3781	28 30W 8	2340	2,643.742	303
3782	28 30W 8	2340	2,643.742	303
3783	28 30W 7	2325	2,645.723	320
3784	28 30W 7	2325	2,645.723	320
3785	28 25W 7	2395	2,483.969	88
3786	28 31W 12	2295	2,649.608	354
3787	28 31W 12	2295	2,649.608	354
3788	28 27W 8	2565	2,578.619	13
3789	28 31W 11	2295	2,654.149	359
3790	28 31W 11	2295	2,654.149	359
3791	28 31W 10	2325	2,658.473	333
3792	28 31W 10	2325	2,658.473	333
3793	28 31W 9	2355	2,662.595	307
3794	28 31W 8	2365	2,666.289	301
3795	28 27W 7	2545	2,595.504	50
3796	28 26W 12	2405	2,493.574	88
3797	28 28W 12	2525	2,613.068	88
3798	28 26W 11	2420	2,499.379	79
3799	28 28W 11	2530	2,626.367	96
3800	28 28W 10	2530	2,635.780	105
3801	28 26W 10	2410	2,503.642	93
3802	28 28W 9	2530	2,641.057	111
3803	28 26W 9	2420	2,505.794	85
3804	28 28W 8	2520	2,642.181	122
3805	28 26W 8	2440	2,500.307	60
3806	28 26W 7	2500	2,504.131	4
3807	28 27W 12	2540	2,520.138	-20
3808	28 27W 11	2555	2,542.085	-13
3809	28 43W 16	3445	3,379.979	-66
3810	28 43W 15	3400	3,378.987	-22
3811	28 43W 14	3360	3,350.035	-10
3812	28 43W 13	3300	3,329.715	29
3813	28 42W 18	3255	3,305.274	50
3814	28 42W 17	3220	3,262.691	42
3815	28 42W 16	3175	3,251.693	76
3816	28 42W 15	3135	3,222.962	87
3817	28 42W 14	3085	3,193.557	108
3818	28 42W 13	3045	3,163.040	118
3819	28 41W 18	3035	3,136.166	101
3820	28 41W 17	3025	3,112.194	87
3821	28 41W 16	3015	3,098.672	83
3822	28 41W 15	3000	3,091.453	91
3823	28 41W 14	2995	3,086.608	91

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3824	28 41W 13	2990	3,082.949	92
3825	28 40W 18	2985	3,072.222	87
3826	28 40W 17	2960	3,058.969	98
3827	28 40W 16	2940	3,045.537	105
3828	28 40W 15	2910	3,033.655	123
3829	28 40W 14	2875	3,022.426	147
3830	28 40W 13	2835	3,011.334	176
3831	28 39W 18	2790	3,001.081	211
3832	28 39W 17	2785	2,991.545	206
3833	28 39W 16	2770	2,980.672	210
3834	28 39W 15	2760	2,968.136	208
3835	28 24 0	2220	2,288.963	68
3836	28 39W 14	2735	2,949.364	214
3837	28 39W 13	2725	2,927.671	202
3838	28 24 0	2250	2,298.059	48
3839	28 37W 14	2690	2,818.890	128
3840	28 38W 18	2710	2,905.371	195
3841	28 37W 13	2690	2,816.601	126
3842	28 24 0	2260	2,306.336	46
3843	28 38W 17	2695	2,886.066	191
3844	28 36W 18	2685	2,813.335	128
3845	28 36W 17	2675	2,805.677	130
3846	28 38W 16	2710	2,869.562	159
3847	28 24 0	2285	2,314.555	29
3848	28 36W 16	2660	2,792.175	132
3849	28 38W 15	2720	2,876.242	156
3850	28 36W 15	2635	2,784.476	149
3851	28 36W 14	2620	2,778.686	158
3852	28 38W 14	2720	2,881.419	161
3853	28 24 0	2280	2,323.466	43
3854	28 36W 13	2600	2,776.096	176
3855	28 38W 13	2700	2,868.399	168
3856	28 35W 18	2585	2,774.415	189
3857	28 35W 17	2575	2,771.938	196
3858	28 37W 18	2685	2,856.134	171
3859	28 24 0	2290	2,331.290	41
3860	28 35W 16	2565	2,767.375	202
3861	28 24 0	2125	2,410.022	285
3862	28 37W 17	2680	2,843.785	163
3863	28 37W 16	2680	2,832.902	152
3864	28 24 0	2285	2,337.946	52
3865	28 24 0	2215	2,415.798	200
3866	28 37W 15	2685	2,823.862	138
3867	28 34W 16	2460	2,670.724	210

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3868	28 34W 15	2450	2,656.193	206
3869	28 24 0	2290	2,343.336	53
3870	28 24 0	2260	2,421.468	161
3871	28 34W 14	2465	2,645.800	180
3872	28 34W 13	2465	2,645.186	180
3873	28 33W 18	2440	2,652.982	212
3874	28 33W 17	2400	2,658.983	258
3875	28 33W 16	2380	2,654.649	274
3876	28 24 0	2290	2,383.627	93
3877	28 24 0	2315	2,426.880	111
3878	28 33W 15	2375	2,644.440	269
3879	28 33W 14	2370	2,634.974	264
3880	28 33W 13	2365	2,631.718	266
3881	28 24 0	2280	2,345.950	65
3882	28 31W 17	2375	2,662.685	287
3883	28 32W 18	2380	2,634.125	254
3884	28 31W 18	2365	2,676.484	311
3885	28 32W 17	2385	2,642.274	257
3886	28 32W 13	2370	2,683.220	313
3887	28 32W 16	2380	2,656.003	276
3888	28 32W 14	2360	2,681.126	321
3889	28 32W 15	2360	2,670.968	310
3890	28 24 0	2340	2,432.607	92
3891	28 24 0	2290	2,390.557	100
3892	28 24 0	2270	2,346.612	76
3893	28 24 0	2350	2,438.823	88
3894	28 28W 15	2545	2,643.293	98
3895	28 24 0	2295	2,396.999	101
3896	28 28W 16	2540	2,649.592	109
3897	28 24 0	2280	2,350.431	70
3898	28 25W 13	2360	2,444.821	84
3899	28 28W 17	2540	2,651.219	111
3900	28 24 0	2305	2,403.776	98
3901	28 28W 18	2540	2,576.381	36
3902	28 25W 14	2375	2,451.215	76
3903	28 29W 13	2525	2,584.628	59
3904	28 24 0	2285	2,359.478	74
3905	28 29W 14	2525	2,604.847	79
3906	28 35W 15	2550	2,760.431	210
3907	28 25W 15	2380	2,457.479	77
3908	28 29W 15	2500	2,624.302	124
3909	28 35W 14	2540	2,752.474	212
3910	28 29W 16	2475	2,632.927	157
3911	28 24 0	2290	2,368.141	78

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3912	28 35W 13	2535	2,734.109	199
3913	28 29W 17	2480	2,636.029	156
3914	28 34W 18	2515	2,711.659	196
3915	28 27W 14	2540	2,539.479	-1
3916	28 25W 16	2395	2,464.490	69
3917	28 29W 18	2475	2,634.908	159
3918	28 34W 17	2490	2,689.018	199
3919	28 30W 13	2370	2,631.763	261
3920	28 27W 15	2560	2,550.057	-10
3921	28 30W 14	2310	2,631.269	321
3922	28 24 0	2290	2,376.391	86
3923	28 25W 17	2405	2,471.476	66
3924	28 30W 15	2310	2,633.018	323
3925	28 30W 16	2295	2,636.553	341
3926	28 30W 16	2295	2,636.553	341
3927	28 27W 16	2585	2,558.949	-27
3928	28 30W 17	2300	2,639.719	339
3929	28 30W 17	2300	2,639.719	339
3930	28 30W 18	2295	2,642.485	347
3931	28 30W 18	2295	2,642.485	347
3932	28 25W 18	2405	2,479.076	74
3933	28 31W 13	2295	2,645.567	350
3934	28 31W 13	2295	2,645.567	350
3935	28 27W 17	2600	2,571.757	-29
3936	28 31W 14	2320	2,649.334	329
3937	28 31W 14	2320	2,649.334	329
3938	28 31W 15	2355	2,653.290	298
3939	28 31W 15	2355	2,653.290	298
3940	28 31W 16	2365	2,657.267	292
3941	28 27W 18	2575	2,591.518	16
3942	28 26W 13	2400	2,491.688	91
3943	28 28W 13	2540	2,613.340	73
3944	28 26W 14	2380	2,497.731	117
3945	28 28W 14	2550	2,630.906	80
3946	28 26W 15	2365	2,500.691	135
3947	28 26W 16	2395	2,503.400	108
3948	28 26W 17	2440	2,497.478	57
3949	28 26W 18	2495	2,500.592	5
3950	28 43W 21	3460	3,396.986	-64
3951	28 43W 22	3420	3,389.873	-31
3952	28 43W 23	3385	3,360.171	-25
3953	28 43W 24	3340	3,340.471	-99
3954	28 42W 19	3285	3,317.406	32
3955	28 42W 20	3240	3,290.244	50

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
3956	28 42W 21	3185	3,262.630	77
3957	28 42W 22	3125	3,232.939	107
3958	28 42W 23	3090	3,201.488	111
3959	28 42W 24	3110	3,169.597	59
3960	28 41W 19	3065	3,137.497	72
3961	28 41W 20	3040	3,110.187	70
3962	28 41W 21	3035	3,087.490	52
3963	28 41W 22	3020	3,075.586	55
3964	28 41W 23	3015	3,070.226	55
3965	28 41W 24	2985	3,079.247	94
3966	28 40W 19	2970	3,070.729	100
3967	28 40W 20	2930	3,058.531	128
3968	28 40W 21	2890	3,047.639	157
3969	28 40W 22	2875	3,037.317	162
3970	28 38W 19	2755	2,910.736	155
3971	28 40W 23	2850	3,025.101	175
3972	28 38W 20	2715	2,890.888	175
3973	28 40W 24	2820	3,014.648	194
3974	28 38W 21	2690	2,879.214	189
3975	28 39W 19	2790	3,007.625	217
3976	28 38W 22	2695	2,888.730	193
3977	28 39W 20	2785	2,996.975	211
3978	28 38W 23	2690	2,876.813	186
3979	28 38W 24	2685	2,862.284	177
3980	28 39W 21	2780	2,982.558	202
3981	28 37W 19	2670	2,849.277	179
3982	28 39W 22	2770	2,968.415	198
3983	28 37W 20	2665	2,837.605	172
3984	28 24 0	2200	2,290.895	90
3985	28 39W 23	2765	2,952.173	187
3986	28 37W 21	2670	2,826.863	156
3987	28 37W 22	2675	2,819.489	144
3988	28 39W 24	2760	2,933.289	173
3989	28 24 0	2230	2,293.706	63
3990	28 37W 23	2680	2,813.820	133
3991	28 34W 24	2455	2,639.436	184
3992	28 37W 24	2685	2,810.194	125
3993	28 33W 19	2450	2,646.320	196
3994	28 33W 20	2405	2,650.251	245
3995	28 24 0	2240	2,303.040	63
3996	28 33W 21	2385	2,647.202	262
3997	28 36W 19	2665	2,803.457	138
3998	28 33W 22	2375	2,639.639	264
3999	28 33W 23	2365	2,629.667	264

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4000	28 33W 24	2360	2,622.880	262
4001	28 32W 19	2365	2,627.356	262
4002	28 36W 20	2645	2,790.020	145
4003	28 24 0	2260	2,312.993	52
4004	28 36W 21	2620	2,780.281	160
4005	28 36W 22	2590	2,776.077	186
4006	28 24 0	2350	2,437.516	87
4007	28 36W 23	2585	2,773.421	188
4008	28 24 0	2270	2,320.361	50
4009	28 36W 24	2575	2,771.550	196
4010	28 25W 24	2325	2,442.547	117
4011	28 35W 19	2565	2,769.138	204
4012	28 24 0	2295	2,404.005	109
4013	28 35W 20	2550	2,765.491	215
4014	28 25W 23	2300	2,448.351	148
4015	28 24 0	2280	2,328.552	48
4016	28 35W 21	2535	2,759.451	224
4017	28 35W 22	2520	2,750.940	230
4018	28 24 0	2090	2,410.365	320
4019	28 25W 22	2345	2,454.424	109
4020	28 35W 23	2505	2,739.592	234
4021	28 35W 24	2495	2,722.954	227
4022	28 24 0	2280	2,335.740	55
4023	28 24 0	2160	2,416.559	256
4024	28 34W 19	2470	2,702.130	232
4025	28 34W 20	2445	2,680.593	235
4026	28 34W 21	2440	2,661.857	221
4027	28 24 0	2290	2,374.051	84
4028	28 34W 22	2435	2,646.805	211
4029	28 24 0	2300	2,340.743	40
4030	28 24 0	2230	2,422.320	192
4031	28 34W 23	2440	2,637.272	197
4032	28 24 0	2290	2,382.162	92
4033	28 24 0	2260	2,427.403	167
4034	28 31W 22	2375	2,648.372	273
4035	28 31W 21	2375	2,652.395	277
4036	28 24 0	2305	2,343.750	38
4037	28 31W 20	2365	2,664.637	299
4038	28 31W 19	2360	2,676.620	316
4039	28 32W 20	2375	2,638.395	263
4040	28 32W 24	2355	2,679.096	324
4041	28 32W 21	2360	2,653.010	293
4042	28 32W 23	2360	2,676.142	316
4043	28 32W 22	2345	2,667.459	322

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4044	28 24 0	2310	2,432.479	122
4045	28 24 0	2290	2,389.473	99
4046	28 28W 24	2565	2,606.970	41
4047	28 24 0	2290	2,345.349	55
4048	28 28W 23	2560	2,626.122	66
4049	28 28W 22	2575	2,638.990	63
4050	28 24 0	2290	2,396.849	106
4051	28 28W 21	2580	2,645.775	65
4052	28 24 0	2275	2,348.462	73
4053	28 26W 21	2440	2,499.531	59
4054	28 28W 20	2580	2,645.918	65
4055	28 28W 19	2580	2,605.525	25
4056	28 26W 20	2470	2,494.112	24
4057	28 29W 24	2560	2,583.645	23
4058	28 24 0	2280	2,357.495	77
4059	28 26W 19	2505	2,497.680	-8
4060	28 29W 23	2540	2,603.267	63
4061	28 29W 22	2525	2,622.426	97
4062	28 27W 24	2520	2,517.632	-3
4063	28 29W 21	2490	2,629.932	139
4064	28 24 0	2290	2,366.004	76
4065	28 29W 20	2440	2,630.243	190
4066	28 25W 21	2345	2,461.120	116
4067	28 27W 23	2540	2,533.239	-7
4068	28 29W 19	2475	2,626.718	151
4069	28 30W 24	2425	2,626.048	201
4070	28 27W 22	2545	2,542.602	-3
4071	28 30W 23	2315	2,627.257	312
4072	28 25W 20	2350	2,468.305	118
4073	28 30W 22	2290	2,629.576	339
4074	28 30W 21	2290	2,632.883	342
4075	28 27W 21	2560	2,551.554	-9
4076	28 30W 20	2290	2,636.005	346
4077	28 30W 19	2295	2,638.177	343
4078	28 25W 19	2355	2,476.255	121
4079	28 31W 24	2325	2,640.694	315
4080	28 27W 20	2605	2,561.810	-44
4081	28 31W 23	2360	2,644.121	284
4082	28 27W 19	2605	2,582.213	-23
4083	28 26W 24	2350	2,487.785	137
4084	28 26W 23	2345	2,494.431	149
4085	28 26W 22	2370	2,497.239	127
4086	28 43W 28	3470	3,410.645	-60
4087	28 43W 27	3435	3,399.209	-36

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4088	28 43W 26	3410	3,371.268	-39
4089	28 42W 26	3150	3,207.923	57
4090	28 43W 25	3370	3,351.907	-19
4091	28 42W 25	3140	3,174.277	34
4092	28 42W 30	3325	3,328.769	-99
4093	28 41W 30	3110	3,140.047	30
4094	28 41W 29	3060	3,110.501	50
4095	28 42W 29	3285	3,301.656	16
4096	28 42W 28	3240	3,273.781	33
4097	28 42W 27	3185	3,242.242	57
4098	28 41W 28	3035	3,084.856	49
4099	28 41W 27	3010	3,064.533	54
4100	28 41W 26	2960	3,055.072	95
4101	28 41W 25	2915	3,068.581	153
4102	28 40W 30	2895	3,070.916	175
4103	28 39W 28	2775	3,000.833	225
4104	28 40W 29	2885	3,061.255	176
4105	28 39W 27	2765	2,979.307	214
4106	28 40W 28	2870	3,052.549	182
4107	28 39W 26	2760	2,957.642	197
4108	28 39W 25	2750	2,941.163	191
4109	28 40W 27	2850	3,041.648	191
4110	28 38W 30	2725	2,921.309	196
4111	28 40W 26	2835	3,032.203	197
4112	28 38W 29	2695	2,908.770	213
4113	28 40W 25	2815	3,024.517	209
4114	28 38W 28	2685	2,898.853	213
4115	28 39W 30	2790	3,018.540	228
4116	28 38W 27	2685	2,890.340	205
4117	28 39W 29	2785	3,014.146	229
4118	28 38W 26	2680	2,874.563	194
4119	28 38W 25	2670	2,857.723	187
4120	28 37W 30	2660	2,842.147	182
4121	28 37W 29	2655	2,829.324	174
4122	28 24 0	2220	2,292.368	72
4123	28 37W 28	2660	2,819.398	159
4124	28 37W 27	2665	2,813.598	148
4125	28 24 0	2230	2,295.773	65
4126	28 37W 26	2670	2,807.847	137
4127	28 34W 26	2425	2,631.688	206
4128	28 34W 25	2425	2,632.691	207
4129	28 37W 25	2675	2,801.838	126
4130	28 33W 30	2415	2,641.810	226
4131	28 33W 29	2385	2,643.762	258

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4132	28 24 0	2230	2,298.915	68
4133	28 24 0	2275	2,428.540	153
4134	28 33W 28	2375	2,640.644	265
4135	28 36W 30	2660	2,789.251	129
4136	28 33W 27	2370	2,631.719	261
4137	28 33W 26	2360	2,618.542	258
4138	28 33W 25	2345	2,609.713	264
4139	28 32W 30	2365	2,615.089	250
4140	28 32W 29	2365	2,638.376	273
4141	28 32W 28	2350	2,651.039	301
4142	28 32W 26	2345	2,668.255	323
4143	28 32W 27	2345	2,662.418	317
4144	28 36W 29	2640	2,779.289	139
4145	28 24 0	2310	2,433.360	123
4146	28 24 0	2240	2,309.510	69
4147	28 36W 28	2625	2,774.900	149
4148	28 36W 27	2610	2,771.733	161
4149	28 24 0	2275	2,437.719	162
4150	28 36W 26	2590	2,769.849	179
4151	28 24 0	2290	2,397.365	107
4152	28 24 0	2255	2,316.636	61
4153	28 36W 25	2585	2,768.716	183
4154	28 25W 25	2260	2,439.846	179
4155	28 35W 30	2565	2,766.620	201
4156	28 24 0	2295	2,405.097	110
4157	28 35W 29	2545	2,761.739	216
4158	28 25W 26	2305	2,444.220	139
4159	28 24 0	2275	2,323.701	48
4160	28 35W 28	2530	2,753.074	223
4161	28 35W 27	2500	2,741.985	241
4162	28 24 0	2310	2,412.037	102
4163	28 25W 27	2345	2,449.241	104
4164	28 29W 27	2600	2,620.679	20
4165	28 35W 26	2485	2,728.528	243
4166	28 29W 28	2590	2,626.217	36
4167	28 35W 25	2480	2,712.993	232
4168	28 24 0	2280	2,330.698	50
4169	28 29W 29	2490	2,624.535	134
4170	28 24 0	2100	2,417.609	317
4171	28 34W 30	2465	2,694.777	229
4172	28 25W 28	2345	2,456.003	111
4173	28 29W 30	2390	2,622.813	232
4174	28 34W 29	2455	2,674.817	219
4175	28 30W 25	2400	2,623.173	223

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4176	28 34W 28	2445	2,654.845	209
4177	28 30W 26	2325	2,624.171	299
4178	28 34W 27	2435	2,641.469	206
4179	28 24 0	2305	2,371.965	66
4180	28 25W 29	2345	2,464.050	119
4181	28 24 0	2305	2,335.091	30
4182	28 24 0	2160	2,423.649	263
4183	28 30W 27	2290	2,626.332	336
4184	28 30W 28	2290	2,629.565	339
4185	28 25W 30	2340	2,474.642	134
4186	28 31W 25	2360	2,635.828	275
4187	28 31W 26	2380	2,639.373	259
4188	28 27W 29	2580	2,552.128	-28
4189	28 24 0	2290	2,381.113	91
4190	28 31W 27	2390	2,643.500	253
4191	28 31W 28	2385	2,650.269	265
4192	28 24 0	2320	2,338.371	18
4193	28 31W 29	2375	2,662.377	287
4194	28 31W 30	2365	2,668.727	303
4195	28 32W 25	2350	2,669.813	319
4196	28 27W 30	2605	2,570.354	-35
4197	28 26W 25	2345	2,485.159	140
4198	28 28W 25	2595	2,595.234	0
4199	28 24 0	2290	2,389.307	99
4200	28 26W 26	2380	2,491.687	111
4201	28 24 0	2310	2,341.868	31
4202	28 28W 26	2570	2,615.701	45
4203	28 26W 27	2450	2,493.719	43
4204	28 28W 27	2595	2,629.567	34
4205	28 24 0	2315	2,346.423	31
4206	28 26W 28	2475	2,493.978	18
4207	28 28W 30	2610	2,638.238	28
4208	28 26W 29	2495	2,490.042	-5
4209	28 24 0	2315	2,353.885	38
4210	28 29W 25	2590	2,600.922	10
4211	28 26W 30	2525	2,494.794	-31
4212	28 29W 26	2590	2,603.795	13
4213	28 27W 25	2540	2,513.779	-27
4214	28 24 0	2310	2,362.896	52
4215	28 27W 26	2560	2,523.917	-37
4216	28 27W 27	2565	2,533.178	-32
4217	28 27W 28	2550	2,542.252	-8
4218	28 30W 29	2295	2,632.146	337
4219	28 30W 30	2320	2,633.500	313

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4220	28 43W 33	3495	3,426.836	-69
4221	28 43W 34	3470	3,407.946	-63
4222	28 43W 35	3440	3,382.315	-58
4223	28 1 36	3400	3,363.962	-37
4224	28 42W 31	3370	3,339.131	-31
4225	28 42W 32	3335	3,313.057	-22
4226	28 42W 33	3305	3,286.970	-19
4227	28 42W 34	3285	3,256.538	-29
4228	28 42W 35	3245	3,221.540	-24
4229	28 42W 36	3210	3,184.514	-26
4230	28 41W 31	3135	3,146.453	11
4231	28 41W 32	3080	3,113.884	33
4232	28 41W 33	3040	3,086.074	46
4233	28 41W 34	2970	3,062.439	92
4234	28 41W 35	2895	3,049.616	154
4235	28 41W 36	2880	3,059.847	179
4236	28 40W 31	2870	3,069.095	199
4237	28 40W 32	2865	3,062.142	197
4238	28 40W 33	2845	3,054.573	209
4239	28 40W 34	2835	3,047.476	212
4240	28 40W 35	2820	3,040.541	220
4241	28 40W 36	2805	3,033.648	228
4242	28 39W 31	2790	3,026.824	236
4243	28 39W 32	2785	3,020.083	235
4244	28 39W 33	2775	3,013.360	238
4245	28 39W 34	2765	2,999.091	234
4246	28 39W 35	2760	2,969.126	209
4247	28 39W 36	2740	2,946.435	206
4248	28 37W 35	2660	2,801.836	141
4249	28 38W 31	2720	2,930.704	210
4250	28 37W 36	2665	2,791.402	126
4251	28 24 0	2240	2,303.626	63
4252	28 38W 32	2700	2,919.325	219
4253	28 36W 31	2665	2,782.902	117
4254	28 38W 33	2685	2,906.775	221
4255	28 36W 32	2660	2,776.236	116
4256	28 24 0	2245	2,307.621	62
4257	28 36W 33	2650	2,772.148	122
4258	28 38W 34	2675	2,892.614	217
4259	28 36W 34	2635	2,770.933	135
4260	28 38W 35	2665	2,874.692	209
4261	28 36W 35	2620	2,770.897	150
4262	28 24 0	2260	2,314.458	54
4263	28 36W 36	2610	2,769.943	159

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4264	28 38W 36	2660	2,855.478	195
4265	28 35W 31	2590	2,766.458	176
4266	28 35W 32	2570	2,758.893	188
4267	28 37W 31	2640	2,836.693	196
4268	28 24 0	2275	2,320.525	45
4269	28 37W 32	2635	2,820.787	185
4270	28 24 0	2210	2,277.246	67
4271	28 37W 33	2635	2,813.107	178
4272	28 24 0	2280	2,325.913	45
4273	28 37W 34	2650	2,807.356	157
4274	28 24 0	2230	2,299.667	69
4275	28 34W 33	2460	2,653.602	193
4276	28 34W 34	2440	2,641.244	201
4277	28 24 0	2120	2,424.683	304
4278	28 24 0	2290	2,330.170	40
4279	28 34W 35	2425	2,632.231	207
4280	28 34W 36	2410	2,627.365	217
4281	28 33W 31	2385	2,636.464	251
4282	28 33W 32	2360	2,639.252	279
4283	28 24 0	2175	2,430.187	255
4284	28 33W 33	2345	2,634.046	289
4285	28 33W 34	2345	2,621.038	276
4286	28 33W 35	2345	2,607.271	262
4287	28 33W 36	2345	2,599.360	254
4288	28 32W 31	2360	2,603.023	243
4289	28 31W 31	2380	2,659.250	279
4290	28 32W 32	2355	2,629.989	274
4291	28 32W 36	2365	2,660.882	295
4292	28 32W 33	2345	2,648.220	303
4293	28 32W 35	2360	2,660.533	300
4294	28 32W 34	2345	2,656.278	311
4295	28 24 0	2250	2,435.596	185
4296	28 24 0	2300	2,440.080	140
4297	28 24 0	2290	2,397.166	107
4298	28 25W 36	2330	2,438.738	108
4299	28 24 0	2300	2,405.813	105
4300	28 25W 35	2340	2,440.684	100
4301	28 29W 36	2575	2,625.609	50
4302	28 35W 33	2550	2,747.834	197
4303	28 29W 35	2560	2,607.639	47
4304	28 35W 34	2510	2,734.833	224
4305	28 24 0	2310	2,413.622	103
4306	28 25W 34	2380	2,444.514	64
4307	28 29W 34	2580	2,618.755	38

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4308	28 35W 35	2485	2,720.432	235
4309	28 29W 33	2575	2,621.427	46
4310	28 35W 36	2465	2,705.251	240
4311	28 29W 32	2470	2,620.910	150
4312	28 24 0	2070	2,418.382	348
4313	28 34W 31	2470	2,688.909	218
4314	28 25W 33	2405	2,451.390	46
4315	28 29W 31	2380	2,620.724	240
4316	28 34W 32	2465	2,668.989	203
4317	28 30W 36	2315	2,620.386	305
4318	28 30W 35	2295	2,620.960	325
4319	28 27W 34	2595	2,523.526	-72
4320	28 24 0	2315	2,367.466	52
4321	28 25W 32	2410	2,463.002	53
4322	28 30W 34	2290	2,622.993	332
4323	28 30W 33	2300	2,626.039	326
4324	28 27W 33	2590	2,532.684	-58
4325	28 30W 32	2325	2,628.282	303
4326	28 30W 31	2350	2,629.151	279
4327	28 25W 31	2400	2,475.037	75
4328	28 31W 36	2385	2,631.213	246
4329	28 31W 35	2405	2,634.907	229
4330	28 27W 32	2575	2,540.993	-35
4331	28 24 0	2290	2,377.482	87
4332	28 31W 34	2405	2,639.409	234
4333	28 31W 33	2405	2,645.840	240
4334	28 24 0	2305	2,333.752	28
4335	28 31W 32	2390	2,653.674	263
4336	28 27W 31	2610	2,556.122	-54
4337	28 26W 36	2410	2,483.556	73
4338	28 28W 36	2615	2,580.136	-35
4339	28 24 0	2290	2,387.248	97
4340	28 26W 35	2450	2,489.204	39
4341	28 24 0	2320	2,338.398	18
4342	28 28W 35	2600	2,600.854	0
4343	28 26W 34	2475	2,489.837	14
4344	28 28W 33	2625	2,625.497	0
4345	28 24 0	2320	2,344.280	24
4346	28 26W 33	2480	2,487.444	7
4347	28 26W 32	2490	2,485.595	-5
4348	28 24 0	2320	2,350.950	30
4349	28 26W 31	2540	2,491.629	-49
4350	28 27W 36	2560	2,505.466	-55
4351	28 24 0	2320	2,358.791	38

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4352	28 27W 35	2585	2,513.756	-72
4353	29 43W 4	3550	3,439.931	-111
4354	29 43W 3	3530	3,417.489	-113
4355	29 43W 2	3515	3,394.590	-121
4356	29 43W 1	3450	3,377.034	-73
4357	29 42W 6	3415	3,352.130	-63
4358	29 42W 5	3385	3,325.899	-60
4359	29 42W 4	3345	3,300.834	-45
4360	29 42W 3	3330	3,273.651	-57
4361	29 42W 2	3320	3,240.743	-80
4362	29 42W 1	3305	3,203.650	-102
4363	29 41W 6	3215	3,163.143	-52
4364	29 41W 5	3140	3,126.372	-14
4365	29 41W 4	3065	3,093.280	28
4366	29 41W 3	2965	3,067.702	102
4367	29 41W 2	2890	3,052.928	162
4368	29 41W 1	2875	3,059.408	184
4369	29 40W 6	2850	3,065.818	215
4370	29 40W 5	2835	3,060.852	225
4371	29 40W 4	2830	3,052.730	222
4372	29 40W 3	2820	3,045.141	225
4373	29 39W 1	2735	2,951.699	216
4374	29 38W 6	2725	2,937.047	212
4375	29 40W 2	2810	3,037.677	227
4376	29 38W 5	2695	2,925.076	230
4377	29 40W 1	2795	3,030.633	235
4378	29 38W 4	2685	2,911.003	226
4379	29 39W 6	2790	3,024.516	234
4380	29 38W 3	2670	2,895.259	225
4381	29 39W 5	2785	3,019.765	234
4382	29 38W 2	2660	2,875.616	215
4383	29 38W 1	2640	2,854.865	214
4384	29 39W 4	2775	3,012.521	237
4385	29 37W 6	2630	2,833.902	203
4386	29 39W 3	2765	2,996.972	231
4387	29 37W 5	2625	2,814.292	189
4388	29 21W 1	2205	2,263.042	58
4389	29 39W 2	2760	2,966.468	206
4390	29 37W 4	2625	2,808.215	183
4391	29 37W 3	2630	2,802.213	172
4392	29 21W 2	2215	2,288.796	73
4393	29 37W 2	2640	2,795.368	155
4394	29 37W 1	2660	2,788.561	128
4395	29 21W 3	2230	2,308.247	78

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4396	29 36W 6	2660	2,781.576	121
4397	29 36W 5	2655	2,775.003	120
4398	29 21W 4	2240	2,309.198	69
4399	29 36W 4	2650	2,772.255	122
4400	29 36W 3	2635	2,772.081	137
4401	29 36W 2	2630	2,772.117	142
4402	29 21W 5	2260	2,313.145	53
4403	29 36W 1	2625	2,770.100	145
4404	29 35W 6	2615	2,764.405	149
4405	29 35W 5	2600	2,755.100	155
4406	29 21W 6	2270	2,318.917	48
4407	29 35W 4	2585	2,743.400	158
4408	29 35W 3	2560	2,729.564	169
4409	29 24W 1	2335	2,413.763	78
4410	29 35W 2	2515	2,714.269	199
4411	29 22W 1	2270	2,324.020	54
4412	29 24W 2	2355	2,418.659	63
4413	29 34W 6	2455	2,684.541	229
4414	29 34W 5	2460	2,668.684	208
4415	29 34W 4	2460	2,656.452	196
4416	29 34W 3	2440	2,645.717	205
4417	29 22W 2	2275	2,328.075	53
4418	29 24W 3	2360	2,425.731	65
4419	29 34W 2	2435	2,637.661	202
4420	29 34W 1	2430	2,631.734	201
4421	29 33W 6	2415	2,633.490	218
4422	29 33W 5	2385	2,637.137	252
4423	29 33W 4	2360	2,630.510	270
4424	29 24W 4	2370	2,432.109	62
4425	29 33W 3	2340	2,614.947	274
4426	29 33W 2	2340	2,601.300	261
4427	29 31W 4	2405	2,641.036	236
4428	29 22W 3	2280	2,332.020	52
4429	29 33W 1	2340	2,595.619	255
4430	29 31W 5	2395	2,646.129	251
4431	29 32W 6	2340	2,597.974	257
4432	29 31W 6	2385	2,649.041	264
4433	29 32W 5	2345	2,622.158	277
4434	29 32W 1	2380	2,652.171	272
4435	29 32W 4	2355	2,642.405	287
4436	29 32W 2	2370	2,652.930	282
4437	29 32W 3	2360	2,649.345	289
4438	29 24W 5	2380	2,438.221	58
4439	29 23W 4	2270	2,386.252	116

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4440	29 22W 4	2295	2,336.553	41
4441	29 28W 2	2635	2,584.364	-51
4442	29 24W 6	2390	2,443.439	53
4443	29 28W 3	2635	2,598.885	-37
4444	29 23W 5	2280	2,396.162	116
4445	29 28W 4	2640	2,612.213	-28
4446	29 25W 1	2390	2,441.513	51
4447	29 28W 5	2650	2,617.650	-33
4448	29 23W 6	2305	2,405.446	100
4449	29 28W 6	2645	2,617.597	-28
4450	29 25W 2	2410	2,438.293	28
4451	29 29W 1	2585	2,616.037	31
4452	29 29W 2	2550	2,615.183	65
4453	29 29W 3	2520	2,616.181	96
4454	29 25W 3	2360	2,441.831	81
4455	29 29W 4	2510	2,618.294	108
4456	29 35W 1	2445	2,699.124	254
4457	29 23W 1	2305	2,357.821	52
4458	29 29W 5	2415	2,619.012	204
4459	29 25W 4	2370	2,454.191	84
4460	29 27W 2	2590	2,504.087	-86
4461	29 29W 6	2350	2,618.545	268
4462	29 30W 1	2295	2,617.757	322
4463	29 30W 2	2290	2,617.840	327
4464	29 27W 3	2610	2,512.912	-98
4465	29 23W 2	2295	2,366.604	71
4466	29 25W 5	2380	2,464.245	84
4467	29 30W 3	2300	2,619.655	319
4468	29 30W 4	2325	2,622.432	297
4469	29 27W 4	2610	2,522.105	-88
4470	29 30W 5	2355	2,624.039	269
4471	29 30W 6	2380	2,624.937	244
4472	29 31W 1	2405	2,627.371	222
4473	29 25W 6	2410	2,475.822	65
4474	29 31W 2	2405	2,631.185	226
4475	29 27W 5	2600	2,530.741	-70
4476	29 23W 3	2275	2,376.609	101
4477	29 31W 3	2405	2,635.621	230
4478	29 27W 6	2625	2,543.080	-82
4479	29 26W 1	2440	2,482.590	42
4480	29 28W 1	2635	2,563.606	-72
4481	29 26W 2	2460	2,486.595	26
4482	29 26W 3	2465	2,485.774	20
4483	29 22W 5	2295	2,342.461	47

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4484	29 26W 4	2480	2,481.436	1
4485	29 26W 5	2495	2,480.750	-15
4486	29 22W 6	2300	2,349.502	49
4487	29 26W 6	2530	2,487.302	-43
4488	29 27W 1	2560	2,495.681	-65
4489	29 43W 9	3565	3,450.288	-115
4490	29 43W 10	3560	3,427.398	-133
4491	29 42W 10	3360	3,287.801	-73
4492	29 43W 11	3550	3,406.836	-144
4493	29 42W 11	3335	3,258.237	-77
4494	29 43W 12	3510	3,389.072	-121
4495	29 42W 12	3320	3,223.390	-97
4496	29 42W 7	3450	3,363.938	-87
4497	29 41W 7	3270	3,183.073	-87
4498	29 42W 8	3420	3,339.100	-81
4499	29 41W 8	3200	3,143.855	-57
4500	29 41W 9	3120	3,110.225	-10
4501	29 42W 9	3395	3,314.743	-81
4502	29 41W 10	3015	3,086.156	71
4503	29 41W 11	2935	3,069.004	134
4504	29 41W 12	2885	3,059.299	174
4505	29 40W 7	2865	3,054.960	189
4506	29 40W 8	2840	3,055.064	215
4507	29 39W 8	2780	3,012.152	232
4508	29 39W 9	2770	3,003.292	233
4509	29 39W 10	2765	2,985.616	220
4510	29 40W 9	2830	3,044.643	214
4511	29 39W 11	2760	2,968.101	208
4512	29 40W 10	2815	3,035.365	220
4513	29 39W 12	2735	2,958.420	223
4514	29 38W 7	2715	2,945.306	230
4515	29 40W 11	2795	3,027.318	232
4516	29 38W 8	2685	2,931.370	246
4517	29 40W 12	2790	3,022.432	232
4518	29 38W 9	2675	2,915.491	240
4519	29 39W 7	2785	3,019.605	234
4520	29 38W 10	2660	2,897.815	237
4521	29 38W 11	2645	2,876.174	231
4522	29 38W 12	2625	2,854.315	229
4523	29 37W 7	2620	2,832.572	212
4524	29 37W 8	2615	2,811.270	196
4525	29 37W 9	2615	2,803.078	188
4526	29 37W 10	2615	2,797.915	182
4527	29 37W 11	2620	2,792.393	172

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4528	29 34W 12	2440	2,639.588	199
4529	29 33W 7	2420	2,635.406	215
4530	29 37W 12	2670	2,786.932	116
4531	29 33W 8	2390	2,637.164	247
4532	29 21W 10	2215	2,303.521	88
4533	29 33W 9	2355	2,629.758	274
4534	29 33W 10	2340	2,613.959	273
4535	29 36W 7	2650	2,780.761	130
4536	29 33W 11	2335	2,601.601	266
4537	29 33W 12	2335	2,596.974	261
4538	29 32W 7	2340	2,600.707	260
4539	29 36W 8	2640	2,775.409	135
4540	29 21W 9	2240	2,315.212	75
4541	29 36W 9	2620	2,773.944	153
4542	29 36W 10	2610	2,773.688	163
4543	29 24W 7	2395	2,446.511	51
4544	29 36W 11	2605	2,771.929	166
4545	29 21W 8	2260	2,315.597	55
4546	29 36W 12	2600	2,767.251	167
4547	29 25W 12	2410	2,447.302	37
4548	29 35W 7	2600	2,759.828	159
4549	29 35W 8	2605	2,750.130	145
4550	29 25W 11	2410	2,446.972	36
4551	29 21W 7	2265	2,320.504	55
4552	29 35W 9	2600	2,736.931	136
4553	29 24W 12	2330	2,411.688	81
4554	29 35W 10	2580	2,721.695	141
4555	29 35W 11	2560	2,707.145	147
4556	29 22W 12	2270	2,322.933	52
4557	29 35W 12	2500	2,694.865	194
4558	29 24W 11	2340	2,417.688	77
4559	29 34W 7	2445	2,682.622	237
4560	29 34W 8	2455	2,671.730	216
4561	29 34W 9	2455	2,662.058	207
4562	29 34W 10	2455	2,653.267	198
4563	29 22W 11	2270	2,325.454	55
4564	29 24W 10	2360	2,425.949	65
4565	29 34W 11	2455	2,646.165	191
4566	29 24W 9	2370	2,433.818	63
4567	29 31W 11	2405	2,628.293	223
4568	29 31W 10	2405	2,632.258	227
4569	29 22W 10	2265	2,329.699	64
4570	29 31W 9	2405	2,636.844	231
4571	29 31W 8	2395	2,638.923	243

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4572	29 31W 7	2385	2,641.258	256
4573	29 32W 8	2355	2,624.739	269
4574	29 32W 12	2380	2,643.789	263
4575	29 32W 9	2360	2,635.783	275
4576	29 32W 11	2370	2,644.525	274
4577	29 32W 10	2365	2,641.875	276
4578	29 27W 7	2655	2,531.222	-124
4579	29 28W 12	2655	2,548.518	-107
4580	29 24W 8	2380	2,441.091	61
4581	29 23W 9	2270	2,386.268	116
4582	29 22W 9	2260	2,334.922	74
4583	29 28W 11	2655	2,565.502	-90
4584	29 28W 10	2655	2,581.426	-74
4585	29 23W 8	2290	2,395.557	105
4586	29 28W 9	2655	2,596.457	-59
4587	29 22W 8	2260	2,341.679	81
4588	29 28W 8	2655	2,602.493	-53
4589	29 23W 7	2320	2,404.134	84
4590	29 28W 7	2655	2,604.637	-51
4591	29 26W 8	2480	2,475.843	-5
4592	29 29W 12	2615	2,606.677	-9
4593	29 22W 7	2280	2,349.272	69
4594	29 29W 11	2525	2,609.710	84
4595	29 26W 7	2520	2,481.141	-39
4596	29 29W 10	2445	2,613.076	168
4597	29 27W 12	2555	2,486.996	-69
4598	29 29W 9	2400	2,615.405	215
4599	29 23W 12	2290	2,357.615	67
4600	29 29W 8	2360	2,616.206	256
4601	29 27W 11	2585	2,494.173	-91
4602	29 29W 7	2295	2,615.737	320
4603	29 30W 12	2290	2,614.872	324
4604	29 30W 11	2295	2,614.735	319
4605	29 27W 10	2610	2,502.698	-108
4606	29 23W 11	2290	2,367.167	77
4607	29 25W 8	2310	2,465.685	155
4608	29 30W 10	2325	2,616.233	291
4609	29 30W 9	2360	2,618.718	258
4610	29 27W 9	2615	2,511.854	-104
4611	29 30W 8	2370	2,620.091	250
4612	29 30W 7	2390	2,621.772	231
4613	29 31W 12	2405	2,624.564	219
4614	29 25W 7	2375	2,475.709	100
4615	29 27W 8	2645	2,520.763	-125

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4616	29 23W 10	2280	2,377.031	97
4617	29 26W 12	2410	2,481.462	71
4618	29 26W 11	2440	2,483.055	43
4619	29 26W 10	2450	2,480.830	30
4620	29 26W 9	2460	2,475.795	15
4621	29 43W 16	3570	3,462.614	-108
4622	29 43W 15	3550	3,437.140	-113
4623	29 43W 14	3550	3,417.665	-133
4624	29 43W 13	3515	3,399.077	-116
4625	29 42W 18	3485	3,375.236	-110
4626	29 42W 17	3440	3,351.456	-89
4627	29 42W 16	3420	3,327.441	-93
4628	29 42W 15	3390	3,301.315	-89
4629	29 42W 14	3350	3,273.594	-77
4630	29 42W 13	3325	3,242.216	-83
4631	29 41W 18	3285	3,206.581	-79
4632	29 41W 17	3240	3,170.086	-70
4633	29 41W 16	3175	3,140.221	-35
4634	29 41W 15	3080	3,113.027	33
4635	29 41W 14	2985	3,088.363	103
4636	29 41W 13	2930	3,066.492	136
4637	29 40W 18	2885	3,049.251	164
4638	29 40W 17	2860	3,043.692	183
4639	29 40W 16	2835	3,035.708	200
4640	29 40W 15	2815	3,026.537	211
4641	29 40W 14	2795	3,020.721	225
4642	29 40W 13	2790	3,016.860	226
4643	29 39W 18	2785	3,008.204	223
4644	29 39W 17	2775	2,998.903	223
4645	29 39W 16	2770	2,991.042	221
4646	29 39W 15	2765	2,978.619	213
4647	29 39W 14	2755	2,972.794	217
4648	29 37W 15	2590	2,794.141	204
4649	29 39W 13	2720	2,965.374	245
4650	29 37W 14	2590	2,789.856	199
4651	29 38W 18	2690	2,953.622	263
4652	29 37W 13	2590	2,784.984	194
4653	29 38W 17	2665	2,935.725	270
4654	29 36W 18	2590	2,779.391	189
4655	29 36W 17	2590	2,775.476	185
4656	29 38W 16	2650	2,919.751	269
4657	29 36W 16	2585	2,774.000	188
4658	29 38W 15	2630	2,900.616	270
4659	29 36W 15	2575	2,772.579	197

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4660	29 36W 14	2570	2,768.781	198
4661	29 38W 14	2620	2,877.703	257
4662	29 36W 13	2560	2,762.877	202
4663	29 38W 13	2610	2,855.327	245
4664	29 35W 18	2550	2,754.217	204
4665	29 37W 18	2595	2,834.006	239
4666	29 37W 17	2595	2,807.725	212
4667	29 37W 16	2595	2,798.029	203
4668	29 34W 15	2435	2,660.748	225
4669	29 34W 14	2430	2,654.554	224
4670	29 34W 13	2435	2,648.519	213
4671	29 33W 18	2415	2,642.367	227
4672	29 33W 17	2380	2,638.765	258
4673	29 21W 15	2190	2,293.218	103
4674	29 33W 16	2345	2,630.967	285
4675	29 33W 15	2340	2,617.323	277
4676	29 33W 14	2335	2,607.759	272
4677	29 33W 13	2335	2,604.220	269
4678	29 32W 18	2340	2,608.262	268
4679	29 32W 17	2355	2,620.615	265
4680	29 32W 13	2380	2,635.615	255
4681	29 32W 16	2360	2,628.531	268
4682	29 32W 14	2375	2,636.091	261
4683	29 32W 15	2370	2,634.285	264
4684	29 24W 17	2390	2,443.770	53
4685	29 21W 16	2210	2,313.497	103
4686	29 24W 18	2405	2,449.788	44
4687	29 21W 17	2245	2,319.856	74
4688	29 23W 18	2310	2,402.989	92
4689	29 28W 18	2600	2,593.451	-7
4690	29 35W 17	2545	2,742.197	197
4691	29 21W 18	2255	2,326.405	71
4692	29 29W 13	2525	2,599.104	74
4693	29 35W 16	2545	2,729.489	184
4694	29 29W 14	2480	2,604.268	124
4695	29 24W 13	2315	2,410.796	95
4696	29 35W 15	2550	2,714.288	164
4697	29 29W 15	2390	2,606.952	216
4698	29 35W 14	2555	2,701.591	146
4699	29 29W 16	2315	2,609.525	294
4700	29 22W 13	2255	2,328.741	73
4701	29 35W 13	2490	2,692.042	202
4702	29 29W 17	2285	2,611.227	326
4703	29 24W 14	2345	2,418.363	73

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4704	29 34W 18	2445	2,683.299	238
4705	29 29W 18	2280	2,611.694	331
4706	29 34W 17	2440	2,675.266	235
4707	29 30W 13	2290	2,611.390	321
4708	29 34W 16	2435	2,668.082	233
4709	29 30W 14	2325	2,611.521	286
4710	29 22W 14	2255	2,328.045	73
4711	29 24W 15	2355	2,426.889	71
4712	29 30W 15	2360	2,612.936	252
4713	29 30W 16	2370	2,615.202	245
4714	29 30W 17	2385	2,617.241	232
4715	29 30W 18	2405	2,619.696	214
4716	29 25W 18	2280	2,478.629	198
4717	29 31W 13	2405	2,622.717	217
4718	29 23W 15	2280	2,376.262	96
4719	29 24W 16	2370	2,435.595	65
4720	29 31W 14	2405	2,625.945	220
4721	29 27W 17	2570	2,512.146	-58
4722	29 31W 15	2405	2,628.895	223
4723	29 22W 15	2250	2,328.594	78
4724	29 31W 16	2405	2,632.103	227
4725	29 31W 17	2405	2,633.402	228
4726	29 31W 18	2390	2,634.014	244
4727	29 26W 13	2340	2,483.894	143
4728	29 27W 18	2600	2,520.792	-80
4729	29 23W 16	2270	2,385.127	115
4730	29 28W 13	2625	2,534.106	-91
4731	29 26W 14	2360	2,483.377	123
4732	29 22W 16	2245	2,333.979	88
4733	29 28W 14	2640	2,548.131	-92
4734	29 26W 15	2380	2,475.280	95
4735	29 28W 15	2635	2,566.323	-69
4736	29 23W 17	2295	2,394.275	99
4737	29 28W 16	2635	2,581.072	-54
4738	29 22W 17	2245	2,341.550	96
4739	29 26W 16	2420	2,470.376	50
4740	29 28W 17	2575	2,587.818	12
4741	29 26W 17	2450	2,470.209	20
4742	29 22W 18	2255	2,349.508	94
4743	29 26W 18	2500	2,473.597	-27
4744	29 27W 13	2530	2,478.603	-52
4745	29 23W 13	2260	2,357.781	97
4746	29 27W 14	2560	2,485.274	-75
4747	29 27W 15	2590	2,493.499	-97

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4748	29 23W 14	2270	2,366.870	96
4749	29 27W 16	2610	2,502.543	-108
4750	29 43W 21	3550	3,475.994	-75
4751	29 43W 22	3555	3,448.156	-107
4752	29 43W 23	3540	3,428.609	-112
4753	29 43W 24	3515	3,409.495	-106
4754	29 42W 19	3485	3,387.480	-98
4755	29 42W 20	3455	3,364.389	-91
4756	29 42W 21	3435	3,340.366	-95
4757	29 42W 22	3415	3,313.901	-102
4758	29 42W 23	3375	3,285.842	-90
4759	29 42W 24	3335	3,256.941	-79
4760	29 41W 19	3290	3,227.169	-63
4761	29 41W 20	3265	3,193.450	-72
4762	29 41W 21	3200	3,160.043	-40
4763	29 41W 22	3130	3,127.919	-3
4764	29 41W 23	3040	3,099.549	59
4765	29 41W 24	2970	3,076.206	106
4766	29 40W 19	2910	3,055.526	145
4767	29 40W 20	2875	3,040.267	165
4768	29 39W 22	2760	2,981.202	221
4769	29 40W 21	2845	3,031.585	186
4770	29 39W 23	2755	2,977.446	222
4771	29 40W 22	2825	3,023.976	198
4772	29 39W 24	2715	2,970.688	255
4773	29 38W 19	2675	2,958.867	283
4774	29 40W 23	2800	3,016.889	216
4775	29 38W 20	2640	2,940.408	300
4776	29 40W 24	2790	3,008.860	218
4777	29 38W 21	2630	2,923.875	293
4778	29 39W 19	2785	3,000.462	215
4779	29 38W 22	2615	2,906.049	291
4780	29 39W 20	2780	2,993.353	213
4781	29 38W 23	2595	2,889.462	294
4782	29 38W 24	2590	2,869.430	279
4783	29 39W 21	2770	2,987.212	217
4784	29 37W 19	2590	2,828.750	238
4785	29 37W 20	2585	2,804.401	219
4786	29 37W 21	2585	2,795.926	210
4787	29 37W 22	2580	2,791.189	211
4788	29 37W 23	2575	2,787.384	212
4789	29 37W 24	2570	2,782.765	212
4790	29 36W 19	2585	2,777.280	192
4791	29 36W 20	2580	2,771.478	191

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4792	29 36W 21	2565	2,765.844	200
4793	29 36W 22	2540	2,760.956	220
4794	29 36W 23	2535	2,758.816	223
4795	29 36W 24	2520	2,754.700	234
4796	29 35W 19	2510	2,744.287	234
4797	29 35W 20	2500	2,726.614	226
4798	29 35W 21	2495	2,712.209	217
4799	29 35W 22	2485	2,703.683	218
4800	29 34W 20	2430	2,677.282	247
4801	29 34W 21	2420	2,671.822	251
4802	29 34W 22	2410	2,666.540	256
4803	29 34W 23	2405	2,661.377	256
4804	29 34W 24	2410	2,655.572	245
4805	29 33W 19	2415	2,648.559	233
4806	29 33W 20	2405	2,641.518	236
4807	29 21W 22	2180	2,276.287	96
4808	29 33W 21	2390	2,633.538	243
4809	29 24W 21	2395	2,443.878	48
4810	29 33W 22	2360	2,623.556	263
4811	29 33W 23	2340	2,614.478	274
4812	29 33W 24	2335	2,609.933	274
4813	29 31W 20	2405	2,629.004	224
4814	29 32W 19	2340	2,610.690	270
4815	29 31W 19	2390	2,629.096	239
4816	29 32W 20	2355	2,614.732	259
4817	29 32W 24	2385	2,628.677	243
4818	29 32W 21	2365	2,621.635	256
4819	29 32W 23	2380	2,628.327	248
4820	29 32W 22	2370	2,626.868	256
4821	29 24W 20	2405	2,447.597	42
4822	29 21W 21	2190	2,302.064	112
4823	29 21W 20	2200	2,313.707	113
4824	29 28W 21	2610	2,568.728	-42
4825	29 28W 20	2490	2,576.236	86
4826	29 23W 19	2340	2,410.043	70
4827	29 28W 19	2460	2,583.529	123
4828	29 21W 19	2220	2,323.733	103
4829	29 29W 24	2400	2,589.876	189
4830	29 29W 23	2360	2,593.636	233
4831	29 24W 24	2365	2,414.819	49
4832	29 29W 22	2310	2,596.951	286
4833	29 35W 23	2475	2,697.472	222
4834	29 29W 21	2265	2,600.174	335
4835	29 22W 24	2240	2,328.534	88

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4836	29 35W 24	2445	2,691.094	246
4837	29 29W 20	2245	2,602.687	357
4838	29 24W 23	2380	2,422.034	42
4839	29 34W 19	2440	2,683.764	243
4840	29 29W 19	2290	2,604.337	314
4841	29 30W 24	2320	2,605.609	285
4842	29 30W 23	2350	2,607.146	257
4843	29 22W 23	2240	2,328.803	88
4844	29 24W 22	2395	2,435.088	40
4845	29 30W 22	2365	2,609.231	244
4846	29 30W 21	2385	2,611.841	226
4847	29 27W 21	2530	2,495.070	-35
4848	29 30W 20	2395	2,614.639	219
4849	29 30W 19	2405	2,617.829	212
4850	29 25W 19	2195	2,485.142	290
4851	29 31W 24	2405	2,621.097	216
4852	29 23W 22	2280	2,384.499	104
4853	29 31W 23	2405	2,624.006	219
4854	29 27W 20	2475	2,504.035	29
4855	29 31W 22	2405	2,626.188	221
4856	29 22W 22	2235	2,329.524	94
4857	29 31W 21	2405	2,627.922	222
4858	29 26W 24	2200	2,490.128	290
4859	29 27W 19	2485	2,512.625	27
4860	29 23W 21	2280	2,394.580	114
4861	29 28W 24	2510	2,522.424	12
4862	29 26W 23	2225	2,489.873	264
4863	29 22W 21	2235	2,333.007	98
4864	29 28W 23	2550	2,536.395	-14
4865	29 26W 22	2250	2,478.731	228
4866	29 28W 22	2600	2,554.475	-46
4867	29 23W 20	2310	2,403.758	93
4868	29 22W 20	2240	2,340.259	100
4869	29 26W 21	2360	2,466.585	106
4870	29 26W 20	2410	2,464.361	54
4871	29 22W 19	2245	2,350.368	105
4872	29 26W 19	2450	2,467.113	17
4873	29 27W 24	2475	2,471.405	-4
4874	29 23W 24	2260	2,361.731	101
4875	29 27W 23	2475	2,477.745	2
4876	29 27W 22	2515	2,485.727	-30
4877	29 23W 23	2270	2,373.844	103
4878	29 43W 28	3565	3,488.620	-77
4879	29 43W 27	3560	3,458.642	-102

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4880	29 42W 28	3435	3,351.582	-84
4881	29 42W 27	3415	3,324.766	-91
4882	29 43W 26	3540	3,441.650	-99
4883	29 42W 26	3380	3,296.511	-84
4884	29 43W 25	3505	3,420.400	-85
4885	29 42W 25	3340	3,267.937	-73
4886	29 42W 30	3480	3,399.643	-81
4887	29 41W 30	3290	3,238.330	-52
4888	29 42W 29	3460	3,376.699	-84
4889	29 41W 29	3265	3,204.622	-61
4890	29 41W 28	3220	3,171.200	-49
4891	29 41W 27	3150	3,138.732	-12
4892	29 41W 26	3080	3,109.928	29
4893	29 41W 25	3000	3,086.519	86
4894	29 40W 30	2950	3,063.257	113
4895	29 40W 29	2910	3,044.539	134
4896	29 40W 28	2870	3,033.453	163
4897	29 40W 27	2835	3,024.828	189
4898	29 40W 26	2820	3,016.266	196
4899	29 40W 25	2795	3,007.844	212
4900	29 39W 30	2790	2,999.761	209
4901	29 39W 29	2780	2,993.686	213
4902	29 39W 28	2770	2,989.394	219
4903	29 39W 27	2765	2,984.690	219
4904	29 39W 26	2755	2,982.394	227
4905	29 39W 25	2725	2,976.582	251
4906	29 38W 30	2690	2,962.654	272
4907	29 38W 29	2650	2,945.385	295
4908	29 38W 28	2635	2,937.423	302
4909	29 38W 27	2625	2,929.943	304
4910	29 38W 26	2615	2,912.940	297
4911	29 38W 25	2610	2,879.542	269
4912	29 37W 30	2605	2,828.804	223
4913	29 37W 29	2595	2,812.881	217
4914	29 37W 28	2590	2,800.112	210
4915	29 37W 27	2585	2,790.801	205
4916	29 37W 26	2575	2,783.864	208
4917	29 33W 30	2400	2,652.103	252
4918	29 37W 25	2570	2,780.144	210
4919	29 36W 30	2605	2,775.028	170
4920	29 36W 29	2585	2,765.904	180
4921	29 36W 28	2550	2,758.438	208
4922	29 36W 27	2525	2,755.410	230
4923	29 36W 26	2505	2,752.422	247

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4924	29 36W 25	2490	2,745.272	255
4925	29 35W 30	2485	2,734.086	249
4926	29 35W 29	2475	2,720.949	245
4927	29 35W 28	2465	2,708.765	243
4928	29 35W 27	2460	2,699.764	239
4929	29 35W 26	2445	2,695.528	250
4930	29 35W 25	2440	2,691.424	251
4931	29 24W 26	2360	2,436.434	76
4932	29 34W 30	2440	2,687.803	247
4933	29 34W 29	2445	2,682.264	237
4934	29 34W 28	2445	2,676.845	231
4935	29 34W 27	2435	2,671.265	236
4936	29 24W 27	2405	2,442.129	37
4937	29 34W 26	2410	2,665.782	255
4938	29 34W 25	2390	2,659.707	269
4939	29 33W 29	2405	2,644.650	239
4940	29 33W 28	2390	2,636.652	246
4941	29 33W 27	2370	2,626.469	256
4942	29 31W 27	2405	2,623.708	218
4943	29 33W 26	2355	2,616.014	261
4944	29 31W 28	2405	2,624.631	219
4945	29 33W 25	2335	2,610.705	275
4946	29 31W 29	2405	2,624.953	219
4947	29 32W 30	2335	2,609.758	274
4948	29 31W 30	2395	2,624.677	229
4949	29 32W 29	2355	2,612.352	257
4950	29 32W 25	2385	2,623.996	238
4951	29 32W 28	2365	2,617.725	252
4952	29 32W 26	2375	2,623.059	248
4953	29 32W 27	2370	2,621.646	251
4954	29 21W 28	2200	2,289.918	89
4955	29 28W 26	2365	2,529.149	164
4956	29 28W 27	2400	2,546.181	146
4957	29 23W 29	2310	2,416.404	106
4958	29 21W 29	2195	2,299.063	104
4959	29 28W 28	2490	2,558.296	68
4960	29 28W 29	2440	2,566.569	126
4961	29 23W 30	2330	2,421.171	91
4962	29 28W 30	2325	2,573.333	248
4963	29 21W 30	2195	2,312.969	117
4964	29 29W 25	2300	2,579.004	279
4965	29 29W 26	2275	2,584.070	309
4966	29 24W 25	2345	2,424.692	79
4967	29 29W 27	2245	2,588.938	343

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
4968	29 29W 28	2250	2,592.958	342
4969	29 22W 25	2210	2,323.562	113
4970	29 29W 29	2290	2,595.443	305
4971	29 27W 26	2375	2,474.002	99
4972	29 29W 30	2315	2,596.520	281
4973	29 30W 25	2340	2,597.455	257
4974	29 30W 26	2360	2,599.765	239
4975	29 27W 27	2410	2,481.108	71
4976	29 22W 26	2215	2,327.547	112
4977	29 30W 27	2370	2,604.339	234
4978	29 30W 28	2390	2,608.382	218
4979	29 27W 28	2425	2,489.088	64
4980	29 30W 29	2405	2,611.562	206
4981	29 30W 30	2405	2,615.400	210
4982	29 31W 25	2405	2,619.080	214
4983	29 23W 27	2280	2,395.799	115
4984	29 31W 26	2405	2,621.858	216
4985	29 27W 29	2315	2,497.334	182
4986	29 22W 27	2225	2,328.558	103
4987	29 26W 25	2200	2,495.544	295
4988	29 27W 30	2350	2,505.532	155
4989	29 23W 28	2290	2,407.969	117
4990	29 28W 25	2360	2,514.424	154
4991	29 26W 26	2250	2,496.385	246
4992	29 22W 28	2230	2,332.120	102
4993	29 26W 27	2290	2,484.411	194
4994	29 22W 29	2235	2,339.419	104
4995	29 26W 28	2330	2,466.653	136
4996	29 26W 29	2350	2,462.419	112
4997	29 22W 30	2240	2,349.631	109
4998	29 26W 30	2380	2,464.868	84
4999	29 27W 25	2340	2,468.513	128
5000	29 23W 25	2260	2,362.720	102
5001	29 23W 26	2270	2,379.202	109
5002	29 43W 33	3590	3,501.774	-89
5003	29 43W 34	3565	3,470.011	-95
5004	29 43W 35	3530	3,452.863	-78
5005	29 1 36	3490	3,430.900	-60
5006	29 42W 31	3480	3,410.673	-70
5007	29 42W 32	3460	3,388.686	-72
5008	29 42W 33	3440	3,362.582	-78
5009	29 42W 34	3415	3,335.826	-80
5010	29 42W 35	3385	3,307.602	-78
5011	29 42W 36	3340	3,278.770	-62

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5012	29 41W 31	3295	3,249.314	-46
5013	29 41W 32	3260	3,214.217	-46
5014	29 41W 33	3215	3,181.531	-34
5015	29 41W 34	3160	3,149.605	-11
5016	29 41W 35	3090	3,121.226	-99
5017	29 41W 36	3035	3,098.257	63
5018	29 40W 31	2990	3,072.685	82
5019	29 40W 32	2950	3,051.799	101
5020	29 40W 33	2910	3,037.986	127
5021	29 40W 34	2845	3,025.436	180
5022	29 38W 31	2735	2,965.494	230
5023	29 40W 35	2825	3,013.559	188
5024	29 38W 32	2720	2,949.329	229
5025	29 40W 36	2795	3,003.609	208
5026	29 39W 31	2790	2,996.573	206
5027	29 39W 32	2785	2,994.383	209
5028	29 39W 33	2780	2,994.231	214
5029	29 39W 34	2770	2,991.113	221
5030	29 39W 35	2760	2,989.556	229
5031	29 37W 34	2610	2,792.248	182
5032	29 39W 36	2755	2,983.157	228
5033	29 37W 35	2590	2,783.960	193
5034	29 37W 36	2585	2,779.643	194
5035	29 36W 31	2610	2,774.040	164
5036	29 36W 32	2580	2,768.528	188
5037	29 38W 33	2680	2,948.356	268
5038	29 36W 33	2540	2,764.573	224
5039	29 38W 34	2660	2,949.307	289
5040	29 36W 34	2530	2,760.349	230
5041	29 38W 35	2640	2,925.725	285
5042	29 38W 36	2625	2,885.718	260
5043	29 37W 31	2615	2,840.706	225
5044	29 37W 32	2595	2,826.953	231
5045	29 37W 33	2595	2,815.736	220
5046	29 34W 35	2425	2,670.498	245
5047	29 34W 36	2400	2,663.622	263
5048	29 33W 31	2385	2,655.734	270
5049	29 33W 32	2375	2,647.888	272
5050	29 33W 33	2365	2,635.846	270
5051	29 33W 34	2355	2,621.265	266
5052	29 33W 35	2340	2,614.847	274
5053	29 33W 36	2340	2,612.235	272
5054	29 32W 31	2335	2,610.952	275
5055	29 32W 32	2350	2,610.889	260

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5056	29 21W 33	2220	2,269.618	49
5057	29 36W 35	2510	2,752.403	242
5058	29 21W 32	2215	2,286.422	71
5059	29 36W 36	2490	2,742.800	252
5060	29 35W 31	2485	2,733.063	248
5061	29 35W 32	2480	2,725.242	245
5062	29 21W 31	2210	2,300.785	90
5063	29 29W 36	2245	2,571.338	326
5064	29 35W 33	2470	2,713.937	243
5065	29 24W 36	2340	2,429.732	89
5066	29 29W 35	2240	2,577.041	337
5067	29 35W 34	2465	2,702.282	237
5068	29 29W 34	2260	2,582.820	322
5069	29 35W 35	2460	2,694.766	234
5070	29 22W 36	2205	2,310.680	105
5071	29 29W 33	2300	2,587.081	287
5072	29 35W 36	2465	2,692.409	227
5073	29 29W 32	2315	2,589.430	274
5074	29 34W 31	2465	2,693.757	228
5075	29 29W 31	2335	2,590.553	255
5076	29 34W 32	2465	2,688.651	223
5077	29 30W 36	2345	2,592.396	247
5078	29 34W 33	2460	2,683.168	223
5079	29 30W 35	2360	2,595.704	235
5080	29 34W 34	2440	2,677.059	237
5081	29 30W 34	2375	2,599.936	224
5082	29 30W 33	2390	2,604.667	214
5083	29 30W 32	2405	2,609.000	203
5084	29 30W 31	2405	2,612.570	207
5085	29 31W 36	2405	2,616.315	211
5086	29 31W 35	2405	2,619.221	214
5087	29 31W 34	2390	2,620.778	230
5088	29 31W 33	2385	2,621.390	236
5089	29 31W 32	2375	2,621.181	246
5090	29 31W 31	2375	2,620.275	245
5091	29 32W 36	2365	2,619.172	254
5092	29 32W 33	2360	2,613.546	253
5093	29 32W 35	2360	2,618.315	258
5094	29 27W 31	2240	2,500.710	260
5095	29 32W 34	2360	2,617.383	257
5096	29 28W 36	2240	2,508.449	268
5097	29 28W 35	2240	2,519.334	279
5098	29 28W 34	2260	2,536.952	276
5099	29 23W 32	2310	2,415.742	105

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5100	29 28W 33	2290	2,549.429	259
5101	29 28W 32	2290	2,557.791	267
5102	29 23W 31	2330	2,421.909	91
5103	29 28W 31	2260	2,564.703	304
5104	29 27W 36	2220	2,470.198	250
5105	29 27W 35	2260	2,474.505	214
5106	29 23W 35	2270	2,381.170	111
5107	29 27W 34	2260	2,480.080	220
5108	29 22W 35	2215	2,317.091	102
5109	29 27W 33	2250	2,486.345	236
5110	29 23W 34	2280	2,392.700	112
5111	29 27W 32	2240	2,492.801	252
5112	29 22W 34	2225	2,325.404	100
5113	29 23W 33	2300	2,404.630	104
5114	29 26W 35	2220	2,498.785	278
5115	29 22W 33	2230	2,334.835	104
5116	29 26W 34	2250	2,483.367	233
5117	29 22W 32	2240	2,345.369	105
5118	29 26W 33	2275	2,463.436	188
5119	29 26W 32	2310	2,459.457	149
5120	29 22W 31	2255	2,357.385	102
5121	29 26W 31	2300	2,467.716	167
5122	29 23W 36	2260	2,369.132	109
5123	30 43W 4	3590	3,513.946	-77
5124	30 43W 3	3565	3,481.488	-84
5125	30 43W 2	3525	3,463.494	-62
5126	30 43W 1	3490	3,442.212	-48
5127	30 42W 6	3480	3,421.843	-59
5128	30 42W 5	3465	3,399.157	-66
5129	30 42W 4	3450	3,374.173	-76
5130	30 42W 3	3420	3,346.064	-74
5131	30 42W 2	3385	3,317.775	-68
5132	30 42W 1	3340	3,288.541	-52
5133	30 41W 6	3290	3,258.644	-32
5134	30 41W 5	3250	3,226.656	-24
5135	30 41W 4	3210	3,188.872	-22
5136	30 41W 3	3165	3,158.795	-7
5137	30 41W 2	3115	3,131.821	-99
5138	30 41W 1	3055	3,109.568	-99
5139	30 40W 6	3020	3,083.937	63
5140	30 39W 4	2785	3,001.756	216
5141	30 40W 5	2985	3,063.851	78
5142	30 39W 3	2780	3,000.054	220
5143	30 40W 4	2935	3,045.990	110

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5144	30 39W 2	2770	2,997.541	227
5145	30 40W 3	2875	3,029.899	154
5146	30 39W 1	2765	2,987.421	222
5147	30 38W 6	2760	2,966.733	206
5148	30 40W 2	2840	3,016.641	176
5149	30 38W 5	2725	2,950.929	225
5150	30 40W 1	2815	3,006.289	191
5151	30 38W 4	2685	2,945.293	260
5152	30 39W 6	2795	2,999.910	204
5153	30 38W 3	2680	2,954.412	274
5154	30 39W 5	2790	2,999.890	209
5155	30 38W 2	2660	2,931.691	271
5156	30 38W 1	2635	2,892.003	257
5157	30 37W 6	2600	2,856.237	256
5158	30 37W 5	2610	2,844.063	234
5159	30 37W 4	2675	2,833.355	158
5160	30 37W 3	2640	2,822.120	182
5161	30 37W 2	2600	2,796.370	196
5162	30 37W 1	2615	2,790.565	175
5163	30 36W 6	2600	2,786.095	186
5164	30 36W 5	2560	2,782.098	222
5165	30 36W 4	2540	2,777.692	237
5166	30 36W 3	2530	2,770.921	240
5167	30 36W 2	2520	2,760.247	240
5168	30 36W 1	2510	2,749.833	239
5169	30 35W 6	2495	2,743.018	248
5170	30 35W 5	2485	2,737.341	252
5171	30 35W 4	2485	2,722.106	237
5172	30 34W 4	2460	2,687.366	227
5173	30 34W 3	2440	2,681.125	241
5174	30 34W 2	2425	2,674.826	249
5175	30 34W 1	2405	2,668.017	263
5176	30 33W 6	2385	2,660.229	275
5177	30 33W 5	2380	2,652.456	272
5178	30 33W 4	2375	2,636.696	261
5179	30 33W 3	2360	2,624.396	264
5180	30 33W 2	2340	2,619.502	279
5181	30 33W 1	2340	2,615.968	275
5182	30 32W 6	2335	2,614.097	279
5183	30 31W 6	2340	2,615.513	275
5184	30 32W 5	2335	2,613.373	278
5185	30 32W 1	2340	2,613.842	273
5186	30 32W 4	2340	2,613.127	273
5187	30 32W 2	2340	2,613.488	273

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5188	30 32W 3	2340	2,613.403	273
5189	30 28W 5	2230	2,549.634	319
5190	30 28W 6	2230	2,556.560	326
5191	30 29W 1	2235	2,563.523	328
5192	30 29W 2	2260	2,570.505	310
5193	30 35W 3	2485	2,709.421	224
5194	30 29W 3	2270	2,576.491	306
5195	30 35W 2	2490	2,699.396	209
5196	30 29W 4	2290	2,581.014	291
5197	30 35W 1	2485	2,695.978	210
5198	30 29W 5	2310	2,583.784	273
5199	30 34W 6	2480	2,698.151	218
5200	30 29W 6	2315	2,585.906	270
5201	30 34W 5	2470	2,693.422	223
5202	30 30W 1	2335	2,589.027	254
5203	30 30W 2	2360	2,593.420	233
5204	30 30W 3	2365	2,597.568	232
5205	30 30W 4	2385	2,601.921	216
5206	30 30W 5	2390	2,606.375	216
5207	30 30W 6	2400	2,610.351	210
5208	30 31W 1	2380	2,613.737	233
5209	30 27W 5	2230	2,491.984	261
5210	30 31W 2	2370	2,616.619	246
5211	30 31W 3	2360	2,617.553	257
5212	30 31W 4	2360	2,617.903	257
5213	30 31W 5	2345	2,617.063	272
5214	30 27W 6	2225	2,499.781	274
5215	30 28W 1	2220	2,506.691	286
5216	30 18 0	2225	2,500.963	275
5217	30 28W 2	2220	2,515.572	295
5218	30 28W 3	2225	2,526.275	301
5219	30 18 0	2200	2,481.735	281
5220	30 28W 4	2230	2,540.117	310
5221	30 18 0	2150	2,462.668	312
5222	30 18 0	2120	2,457.448	337
5223	30 18 0	2125	2,465.687	340
5224	30 27W 1	2145	2,471.164	326
5225	30 27W 2	2185	2,475.011	290
5226	30 27W 3	2215	2,479.880	264
5227	30 27W 4	2235	2,484.969	249
5228	30 43W 9	3590	3,524.135	-66
5229	30 43W 10	3570	3,492.189	-78
5230	30 42W 9	3460	3,382.573	-78
5231	30 42W 10	3465	3,354.853	-111

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5232	30 43W 11	3550	3,474.030	-76
5233	30 42W 11	3375	3,326.068	-49
5234	30 43W 12	3495	3,453.232	-42
5235	30 42W 12	3330	3,296.498	-34
5236	30 42W 7	3485	3,432.066	-53
5237	30 41W 7	3280	3,266.522	-14
5238	30 42W 8	3470	3,413.359	-57
5239	30 41W 8	3240	3,234.821	-6
5240	30 41W 9	3200	3,204.936	-99
5241	30 41W 10	3165	3,165.235	-99
5242	30 41W 11	3120	3,140.382	-99
5243	30 41W 12	3075	3,118.971	-99
5244	30 40W 7	3035	3,096.784	-99
5245	30 40W 8	3015	3,076.322	-99
5246	30 40W 9	2955	3,056.372	101
5247	30 40W 10	2890	3,038.696	148
5248	30 40W 11	2880	3,024.987	144
5249	30 40W 12	2850	3,014.444	164
5250	30 39W 7	2825	3,008.029	183
5251	30 39W 8	2800	3,008.473	208
5252	30 39W 9	2790	3,011.250	221
5253	30 39W 10	2780	3,010.187	230
5254	30 39W 11	2775	3,005.105	230
5255	30 39W 12	2760	2,991.879	231
5256	30 38W 7	2735	2,963.107	228
5257	30 38W 8	2740	2,950.610	210
5258	30 38W 9	2780	2,950.352	170
5259	30 38W 10	2755	2,948.569	193
5260	30 38W 11	2685	2,929.474	244
5261	30 38W 12	2645	2,893.792	248
5262	30 37W 7	2665	2,873.732	208
5263	30 37W 8	2710	2,862.054	152
5264	30 37W 9	2700	2,851.618	151
5265	30 37W 10	2660	2,841.470	181
5266	30 37W 11	2650	2,829.851	179
5267	30 37W 12	2635	2,811.299	176
5268	30 36W 7	2595	2,808.569	213
5269	30 36W 8	2565	2,804.571	239
5270	30 36W 9	2545	2,797.671	252
5271	30 36W 10	2545	2,787.246	242
5272	30 36W 11	2540	2,774.782	234
5273	30 36W 12	2530	2,767.156	237
5274	30 35W 7	2505	2,762.798	257
5275	30 35W 8	2490	2,750.937	260

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5276	30 35W 9	2495	2,733.640	238
5277	30 35W 10	2510	2,718.586	208
5278	30 35W 11	2500	2,707.606	207
5279	30 35W 12	2485	2,701.898	216
5280	30 34W 7	2470	2,703.827	233
5281	30 34W 8	2465	2,699.135	234
5282	30 34W 9	2465	2,692.260	227
5283	30 34W 10	2445	2,686.329	241
5284	30 34W 11	2430	2,680.072	250
5285	30 34W 12	2410	2,673.344	263
5286	30 33W 7	2390	2,665.661	275
5287	30 33W 8	2385	2,657.970	272
5288	30 33W 9	2405	2,640.535	235
5289	30 33W 10	2380	2,631.124	251
5290	30 33W 11	2365	2,624.914	259
5291	30 31W 9	2320	2,613.304	293
5292	30 33W 12	2345	2,620.494	275
5293	30 31W 8	2315	2,612.563	297
5294	30 32W 7	2340	2,617.579	277
5295	30 31W 7	2320	2,611.581	291
5296	30 32W 8	2335	2,615.693	280
5297	30 32W 12	2325	2,611.201	286
5298	30 32W 9	2330	2,614.373	284
5299	30 32W 11	2320	2,611.841	291
5300	30 32W 10	2325	2,613.052	288
5301	30 28W 10	2200	2,524.647	324
5302	30 28W 9	2200	2,533.646	333
5303	30 28W 8	2195	2,542.699	347
5304	30 28W 7	2200	2,550.235	350
5305	30 29W 12	2215	2,557.786	342
5306	30 29W 11	2220	2,564.702	344
5307	30 29W 10	2240	2,570.590	330
5308	30 29W 9	2250	2,575.353	325
5309	30 29W 8	2260	2,578.523	318
5310	30 29W 7	2290	2,581.548	291
5311	30 30W 12	2310	2,585.839	275
5312	30 30W 11	2335	2,591.491	256
5313	30 30W 10	2360	2,596.490	236
5314	30 30W 9	2365	2,600.899	235
5315	30 27W 9	2215	2,486.042	271
5316	30 30W 8	2365	2,604.917	239
5317	30 30W 7	2360	2,608.484	248
5318	30 31W 12	2340	2,612.457	272
5319	30 27W 8	2215	2,495.348	280

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5320	30 31W 11	2330	2,616.712	286
5321	30 31W 10	2325	2,612.560	287
5322	30 27W 7	2210	2,501.315	291
5323	30 28W 12	2200	2,508.179	308
5324	30 28W 11	2200	2,516.051	316
5325	30 18 0	2125	2,489.644	364
5326	30 18 0	2095	2,465.259	370
5327	30 18 0	2095	2,461.386	366
5328	30 18 0	2125	2,461.885	336
5329	30 27W 12	2165	2,471.082	306
5330	30 27W 11	2205	2,475.065	270
5331	30 27W 10	2215	2,479.856	264
5332	30 43W 16	3585	3,533.714	-52
5333	30 43W 15	3570	3,503.457	-67
5334	30 43W 14	3550	3,484.188	-66
5335	30 43W 13	3525	3,462.877	-63
5336	30 42W 18	3515	3,449.817	-66
5337	30 42W 17	3480	3,420.728	-60
5338	30 42W 16	3455	3,391.782	-64
5339	30 42W 15	3400	3,363.225	-37
5340	30 42W 14	3370	3,333.920	-37
5341	30 42W 13	3330	3,304.196	-26
5342	30 41W 18	3275	3,274.471	-1
5343	30 41W 17	3235	3,245.129	-99
5344	30 41W 16	3200	3,214.847	-99
5345	30 41W 15	3165	3,186.966	-99
5346	30 41W 14	3135	3,148.126	-99
5347	30 41W 13	3115	3,128.030	-99
5348	30 40W 18	3070	3,108.300	-99
5349	30 40W 17	3025	3,088.832	-99
5350	30 40W 16	2980	3,072.037	-99
5351	30 39W 14	2775	3,009.788	234
5352	30 40W 15	2960	3,057.712	97
5353	30 39W 13	2760	2,990.477	230
5354	30 38W 18	2790	2,959.513	169
5355	30 40W 14	2940	3,045.244	105
5356	30 38W 17	2815	2,950.236	135
5357	30 40W 13	2925	3,034.047	109
5358	30 38W 16	2805	2,952.203	147
5359	30 39W 18	2885	3,024.557	139
5360	30 38W 15	2750	2,946.939	196
5361	30 39W 17	2840	3,020.809	180
5362	30 39W 16	2830	3,020.213	190
5363	30 39W 15	2800	3,017.350	217

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5364	30 37W 15	2670	2,859.333	189
5365	30 37W 14	2665	2,852.313	187
5366	30 37W 13	2640	2,835.844	195
5367	30 36W 18	2625	2,834.431	209
5368	30 36W 17	2610	2,829.865	219
5369	30 38W 14	2685	2,926.513	241
5370	30 38W 13	2685	2,902.141	217
5371	30 37W 18	2710	2,886.002	176
5372	30 37W 17	2715	2,878.980	163
5373	30 37W 16	2690	2,869.574	179
5374	30 34W 13	2420	2,678.882	258
5375	30 33W 18	2410	2,671.309	261
5376	30 33W 17	2390	2,663.711	273
5377	30 33W 16	2415	2,647.032	232
5378	30 36W 16	2590	2,822.493	232
5379	30 36W 15	2580	2,808.764	228
5380	30 36W 14	2565	2,799.525	234
5381	30 36W 13	2540	2,790.812	250
5382	30 35W 18	2515	2,780.684	265
5383	30 35W 17	2510	2,763.864	253
5384	30 35W 16	2520	2,746.418	226
5385	30 35W 15	2505	2,731.465	226
5386	30 35W 14	2490	2,720.149	230
5387	30 35W 13	2475	2,713.217	238
5388	30 29W 17	2240	2,574.221	334
5389	30 34W 18	2485	2,712.389	227
5390	30 29W 18	2260	2,577.967	317
5391	30 34W 17	2490	2,707.565	217
5392	30 30W 13	2290	2,583.272	293
5393	30 34W 16	2485	2,699.088	214
5394	30 30W 14	2315	2,589.698	274
5395	30 34W 15	2460	2,692.103	232
5396	30 30W 15	2340	2,595.229	255
5397	30 34W 14	2435	2,685.917	250
5398	30 30W 16	2360	2,599.665	239
5399	30 30W 17	2340	2,603.301	263
5400	30 30W 18	2320	2,608.182	288
5401	30 31W 13	2310	2,613.635	303
5402	30 31W 14	2295	2,618.060	323
5403	30 33W 15	2410	2,638.931	228
5404	30 31W 15	2295	2,607.002	312
5405	30 33W 14	2400	2,631.010	231
5406	30 31W 16	2295	2,607.297	312
5407	30 33W 13	2375	2,625.368	250

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5408	30 31W 17	2295	2,607.393	312
5409	30 32W 18	2360	2,621.193	261
5410	30 31W 18	2300	2,608.197	308
5411	30 32W 17	2340	2,617.892	277
5412	30 32W 13	2325	2,609.382	284
5413	30 32W 16	2340	2,615.323	275
5414	30 32W 14	2335	2,610.956	275
5415	30 32W 15	2340	2,613.019	273
5416	30 28W 13	2185	2,508.044	323
5417	30 28W 14	2180	2,515.130	335
5418	30 28W 15	2175	2,522.350	347
5419	30 28W 16	2175	2,529.966	354
5420	30 28W 17	2180	2,538.050	358
5421	30 28W 18	2185	2,545.653	360
5422	30 29W 13	2190	2,552.991	362
5423	30 29W 14	2190	2,559.922	369
5424	30 29W 15	2195	2,565.456	370
5425	30 29W 16	2220	2,570.434	350
5426	30 27W 14	2210	2,474.637	264
5427	30 27W 15	2210	2,480.239	270
5428	30 27W 16	2210	2,487.797	277
5429	30 27W 17	2195	2,494.510	299
5430	30 27W 18	2190	2,500.964	310
5431	30 18 0	2090	2,489.883	399
5432	30 18 0	2090	2,469.908	379
5433	30 18 0	2110	2,465.888	355
5434	30 18 0	2140	2,465.999	325
5435	30 27W 13	2175	2,469.499	294
5436	30 43W 21	3545	3,541.979	-4
5437	30 43W 22	3545	3,514.545	-31
5438	30 43W 23	3550	3,494.874	-56
5439	30 43W 24	3530	3,486.790	-44
5440	30 42W 19	3500	3,457.876	-43
5441	30 42W 20	3475	3,430.388	-45
5442	30 42W 21	3440	3,400.404	-40
5443	30 42W 22	3395	3,371.273	-24
5444	30 41W 23	3160	3,172.277	-99
5445	30 42W 23	3370	3,341.791	-29
5446	30 41W 24	3135	3,140.150	-99
5447	30 42W 24	3330	3,312.266	-18
5448	30 40W 19	3115	3,118.534	-99
5449	30 41W 19	3280	3,283.091	-99
5450	30 40W 20	3065	3,104.338	-99
5451	30 41W 20	3235	3,254.615	-99

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5452	30 41W 21	3210	3,225.543	-99
5453	30 41W 22	3175	3,199.045	-99
5454	30 39W 20	2900	3,033.497	133
5455	30 39W 21	2870	3,028.250	158
5456	30 39W 22	2825	3,021.611	196
5457	30 40W 21	3025	3,093.370	-99
5458	30 39W 23	2790	3,012.268	222
5459	30 40W 22	3020	3,081.186	-99
5460	30 39W 24	2815	2,985.775	170
5461	30 38W 19	2820	2,958.890	138
5462	30 40W 23	3015	3,067.438	52
5463	30 38W 20	2790	2,950.838	160
5464	30 40W 24	2990	3,053.368	63
5465	30 38W 21	2740	2,951.769	211
5466	30 39W 19	2940	3,041.688	101
5467	30 38W 22	2695	2,950.196	255
5468	30 38W 23	2680	2,928.899	248
5469	30 38W 24	2710	2,909.176	199
5470	30 37W 19	2730	2,899.214	169
5471	30 37W 20	2725	2,891.227	166
5472	30 37W 21	2690	2,883.342	193
5473	30 37W 22	2685	2,877.539	192
5474	30 37W 23	2680	2,872.890	192
5475	30 37W 24	2670	2,868.672	198
5476	30 36W 19	2670	2,860.986	190
5477	30 36W 20	2660	2,855.340	195
5478	30 36W 21	2630	2,844.574	214
5479	30 36W 22	2590	2,833.538	243
5480	30 36W 23	2560	2,821.016	261
5481	30 36W 24	2540	2,806.409	266
5482	30 35W 19	2540	2,790.796	250
5483	30 35W 20	2535	2,775.238	240
5484	30 34W 21	2505	2,707.299	202
5485	30 34W 22	2485	2,698.657	213
5486	30 34W 23	2460	2,691.616	231
5487	30 34W 24	2435	2,685.089	250
5488	30 33W 19	2425	2,677.645	252
5489	30 33W 20	2420	2,670.166	250
5490	30 33W 21	2425	2,656.317	231
5491	30 33W 22	2425	2,646.656	221
5492	30 33W 23	2420	2,637.089	217
5493	30 33W 24	2415	2,630.034	215
5494	30 32W 19	2405	2,624.606	219
5495	30 32W 20	2390	2,619.861	229

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5496	30 32W 21	2375	2,616.046	241
5497	30 32W 22	2365	2,612.725	247
5498	30 28W 19	2190	2,542.225	352
5499	30 29W 24	2210	2,549.054	339
5500	30 35W 21	2510	2,761.049	251
5501	30 29W 23	2200	2,555.781	355
5502	30 35W 22	2490	2,747.296	257
5503	30 29W 22	2195	2,561.543	366
5504	30 35W 23	2485	2,735.487	250
5505	30 29W 21	2195	2,566.690	371
5506	30 35W 24	2490	2,726.407	236
5507	30 29W 20	2215	2,570.433	355
5508	30 34W 19	2505	2,720.849	215
5509	30 29W 19	2245	2,574.794	329
5510	30 34W 20	2505	2,715.481	210
5511	30 30W 24	2280	2,580.804	300
5512	30 30W 23	2315	2,586.969	271
5513	30 30W 22	2320	2,592.424	272
5514	30 30W 21	2310	2,596.688	286
5515	30 30W 20	2290	2,601.230	311
5516	30 30W 19	2290	2,608.162	318
5517	30 31W 24	2290	2,612.825	322
5518	30 31W 23	2290	2,603.586	313
5519	30 31W 22	2290	2,601.143	311
5520	30 31W 21	2295	2,602.381	307
5521	30 31W 20	2310	2,603.839	293
5522	30 31W 19	2330	2,605.425	275
5523	30 32W 24	2350	2,607.330	257
5524	30 32W 23	2360	2,609.738	249
5525	30 27W 19	2180	2,497.152	317
5526	30 28W 24	2170	2,504.434	334
5527	30 28W 23	2160	2,512.089	352
5528	30 28W 22	2160	2,519.874	359
5529	30 28W 21	2170	2,527.828	357
5530	30 28W 20	2180	2,534.944	354
5531	30 27W 24	2175	2,470.183	295
5532	30 27W 23	2190	2,474.002	284
5533	30 27W 22	2190	2,481.903	291
5534	30 27W 21	2185	2,486.089	301
5535	30 27W 20	2185	2,490.243	305
5536	30 18 0	2090	2,474.109	384
5537	30 18 0	2115	2,469.874	354
5538	30 18 0	2140	2,469.232	329
5539	30 43W 28	3540	3,548.703	-99

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5540	30 43W 27	3535	3,524.672	-11
5541	30 43W 26	3535	3,516.391	-19
5542	30 42W 28	3455	3,410.690	-45
5543	30 42W 27	3470	3,380.098	-90
5544	30 42W 26	3380	3,351.031	-29
5545	30 43W 25	3520	3,495.708	-25
5546	30 42W 25	3340	3,322.095	-18
5547	30 42W 30	3490	3,468.001	-22
5548	30 41W 30	3290	3,293.564	-99
5549	30 42W 29	3475	3,439.922	-36
5550	30 41W 29	3240	3,265.743	-99
5551	30 41W 28	3220	3,237.319	-99
5552	30 41W 27	3210	3,211.304	-99
5553	30 41W 26	3200	3,186.063	-14
5554	30 41W 25	3185	3,161.602	-24
5555	30 40W 30	3165	3,139.474	-26
5556	30 40W 29	3120	3,120.937	-99
5557	30 40W 28	3085	3,105.175	-99
5558	30 40W 27	3120	3,090.466	-30
5559	30 40W 26	3090	3,075.416	-15
5560	30 40W 25	3060	3,060.003	0
5561	30 39W 30	2980	3,046.194	66
5562	30 39W 29	2950	3,036.130	86
5563	30 39W 28	2900	3,029.575	129
5564	30 39W 27	2850	3,022.833	172
5565	30 39W 26	2835	3,016.456	181
5566	30 39W 25	2810	2,982.864	172
5567	30 38W 30	2775	2,962.255	187
5568	30 38W 29	2735	2,952.498	217
5569	30 38W 28	2695	2,953.628	258
5570	30 38W 27	2690	2,953.659	263
5571	30 38W 26	2685	2,932.901	247
5572	30 38W 25	2720	2,917.347	197
5573	30 37W 30	2740	2,907.909	167
5574	30 37W 29	2755	2,898.885	143
5575	30 37W 28	2735	2,892.566	157
5576	30 37W 27	2720	2,891.097	171
5577	30 37W 26	2700	2,889.553	189
5578	30 37W 25	2695	2,886.402	191
5579	30 36W 30	2695	2,881.519	186
5580	30 36W 29	2660	2,874.468	214
5581	30 36W 28	2620	2,865.208	245
5582	30 36W 27	2585	2,851.983	266
5583	30 36W 26	2565	2,834.883	269

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5584	30 36W 25	2565	2,817.707	252
5585	30 35W 30	2580	2,799.648	219
5586	30 35W 29	2555	2,781.773	226
5587	30 35W 28	2500	2,766.637	266
5588	30 35W 27	2490	2,753.751	263
5589	30 35W 26	2490	2,742.887	252
5590	30 35W 25	2495	2,733.814	238
5591	30 34W 30	2510	2,726.331	216
5592	30 34W 29	2515	2,720.159	205
5593	30 34W 28	2510	2,713.872	203
5594	30 34W 27	2510	2,706.727	196
5595	30 34W 26	2495	2,698.430	203
5596	30 34W 25	2470	2,691.276	221
5597	30 33W 30	2440	2,683.968	243
5598	30 33W 29	2435	2,676.550	241
5599	30 33W 28	2435	2,665.676	230
5600	30 33W 27	2440	2,654.540	214
5601	30 33W 26	2440	2,643.415	203
5602	30 33W 25	2440	2,634.742	194
5603	30 31W 29	2365	2,600.557	235
5604	30 32W 30	2430	2,628.128	198
5605	30 31W 30	2360	2,602.827	242
5606	30 32W 29	2400	2,621.942	221
5607	30 32W 25	2360	2,605.441	245
5608	30 32W 28	2385	2,616.772	231
5609	30 32W 26	2360	2,608.578	248
5610	30 32W 27	2370	2,612.320	242
5611	30 28W 28	2190	2,524.668	334
5612	30 28W 29	2215	2,532.322	317
5613	30 28W 30	2230	2,539.017	309
5614	30 29W 25	2240	2,545.958	305
5615	30 29W 26	2235	2,552.781	317
5616	30 29W 27	2225	2,559.163	334
5617	30 29W 28	2215	2,563.644	348
5618	30 29W 29	2215	2,567.178	352
5619	30 29W 30	2235	2,571.284	336
5620	30 30W 25	2260	2,576.953	316
5621	30 30W 26	2285	2,582.799	297
5622	30 30W 27	2290	2,587.998	297
5623	30 30W 28	2290	2,592.123	302
5624	30 30W 29	2285	2,594.500	309
5625	30 30W 30	2285	2,593.984	308
5626	30 31W 25	2285	2,593.218	308
5627	30 31W 26	2295	2,594.537	299

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5628	30 27W 29	2170	2,482.432	312
5629	30 31W 27	2305	2,596.285	291
5630	30 31W 28	2335	2,598.157	263
5631	30 27W 30	2165	2,493.012	328
5632	30 28W 25	2165	2,499.880	334
5633	30 28W 26	2150	2,507.361	357
5634	30 28W 27	2150	2,515.763	365
5635	30 18 0	2090	2,473.591	383
5636	30 18 0	2110	2,471.277	361
5637	30 18 0	2140	2,470.469	330
5638	30 27W 25	2165	2,472.524	307
5639	30 27W 26	2175	2,476.655	301
5640	30 27W 27	2185	2,478.307	293
5641	30 27W 28	2180	2,479.320	299
5642	30 43W 33	3585	3,555.143	-30
5643	30 43W 34	3540	3,539.282	-1
5644	30 43W 35	3530	3,532.349	-99
5645	30 1 36	3510	3,504.214	-6
5646	30 42W 31	3485	3,476.589	-9
5647	30 42W 32	3480	3,448.562	-32
5648	30 42W 33	3465	3,420.199	-45
5649	30 42W 34	3485	3,390.020	-95
5650	30 42W 35	3390	3,361.531	-29
5651	30 42W 36	3360	3,333.347	-27
5652	30 41W 31	3320	3,305.692	-15
5653	30 41W 32	3265	3,278.661	-99
5654	30 41W 33	3235	3,250.630	-99
5655	30 41W 34	3240	3,224.704	-16
5656	30 41W 35	3255	3,200.039	-55
5657	30 41W 36	3190	3,175.368	-15
5658	30 40W 31	3195	3,152.221	-43
5659	30 40W 32	3120	3,132.353	-99
5660	30 39W 34	2870	3,021.317	151
5661	30 40W 33	3170	3,115.103	-55
5662	30 39W 35	2830	3,019.229	189
5663	30 40W 34	3170	3,098.836	-72
5664	30 39W 36	2790	2,988.551	198
5665	30 38W 31	2765	2,969.009	204
5666	30 40W 35	3090	3,082.291	-8
5667	30 38W 32	2720	2,958.720	238
5668	30 40W 36	3070	3,064.596	-6
5669	30 38W 33	2695	2,959.246	264
5670	30 39W 31	3010	3,047.627	37
5671	30 38W 34	2690	2,956.856	266

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5672	30 39W 32	2970	3,034.581	64
5673	30 38W 35	2690	2,938.283	248
5674	30 39W 33	2935	3,026.352	91
5675	30 37W 34	2755	2,885.682	130
5676	30 37W 35	2750	2,888.076	138
5677	30 37W 36	2725	2,892.699	167
5678	30 36W 31	2695	2,892.806	197
5679	30 38W 36	2725	2,925.783	200
5680	30 37W 31	2755	2,913.940	158
5681	30 37W 32	2760	2,901.795	141
5682	30 37W 33	2760	2,890.223	130
5683	30 36W 32	2645	2,887.354	242
5684	30 36W 33	2605	2,878.601	273
5685	30 36W 34	2595	2,866.033	271
5686	30 36W 35	2600	2,848.848	248
5687	30 36W 36	2620	2,830.141	210
5688	30 35W 31	2615	2,809.407	194
5689	30 35W 32	2560	2,785.017	225
5690	30 35W 33	2500	2,764.717	264
5691	30 35W 34	2490	2,749.780	259
5692	30 35W 35	2490	2,738.925	248
5693	30 35W 36	2510	2,731.473	221
5694	30 34W 31	2525	2,726.992	201
5695	30 34W 32	2525	2,722.847	197
5696	30 34W 33	2520	2,717.244	197
5697	30 34W 34	2515	2,711.599	196
5698	30 34W 35	2510	2,705.116	195
5699	30 34W 36	2505	2,697.640	192
5700	30 33W 31	2500	2,690.054	190
5701	30 33W 32	2485	2,682.637	197
5702	30 33W 33	2470	2,673.421	203
5703	30 31W 35	2295	2,589.460	294
5704	30 33W 34	2475	2,661.588	186
5705	30 31W 34	2315	2,590.656	275
5706	30 33W 35	2475	2,649.283	174
5707	30 31W 33	2315	2,593.525	278
5708	30 33W 36	2460	2,638.968	178
5709	30 31W 32	2320	2,597.702	277
5710	30 32W 31	2420	2,631.387	211
5711	30 31W 31	2330	2,600.704	270
5712	30 32W 32	2380	2,624.154	244
5713	30 32W 36	2335	2,604.018	269
5714	30 32W 33	2365	2,617.793	252
5715	30 32W 35	2350	2,607.796	257

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5716	30 32W 34	2360	2,612.295	252
5717	30 28W 34	2175	2,509.936	334
5718	30 28W 33	2215	2,518.859	303
5719	30 28W 32	2245	2,528.366	283
5720	30 28W 31	2260	2,537.891	277
5721	30 29W 36	2260	2,546.888	286
5722	30 29W 35	2260	2,555.498	295
5723	30 29W 34	2255	2,559.948	304
5724	30 29W 33	2250	2,561.815	311
5725	30 29W 32	2235	2,564.875	329
5726	30 29W 31	2235	2,566.849	331
5727	30 30W 36	2240	2,570.449	330
5728	30 30W 35	2270	2,575.700	305
5729	30 30W 34	2285	2,580.979	295
5730	30 30W 33	2285	2,585.101	300
5731	30 27W 33	2165	2,468.551	303
5732	30 30W 32	2285	2,585.955	300
5733	30 30W 31	2285	2,585.046	300
5734	30 31W 36	2290	2,587.129	297
5735	30 27W 32	2165	2,471.806	306
5736	30 27W 31	2160	2,484.472	324
5737	30 28W 36	2150	2,495.477	345
5738	30 28W 35	2140	2,502.450	362
5739	30 18 0	2095	2,469.064	374
5740	30 18 0	2125	2,469.990	344
5741	30 27W 36	2150	2,469.043	319
5742	30 27W 35	2165	2,467.381	302
5743	30 27W 34	2165	2,466.634	301
5744	31 43W 6	3595	3,567.650	-28
5745	31 43W 5	3580	3,559.339	-21
5746	31 43W 4	3550	3,553.993	-99
5747	31 43W 3	3520	3,537.056	-99
5748	31 43W 2	3490	3,503.864	-99
5749	31 43W 1	3485	3,468.735	-17
5750	31 42W 6	3475	3,440.675	-35
5751	31 42W 5	3465	3,413.064	-52
5752	31 41W 4	3310	3,228.994	-82
5753	31 42W 4	3445	3,385.982	-60
5754	31 41W 3	3315	3,205.033	-110
5755	31 42W 3	3400	3,359.390	-41
5756	31 41W 2	3270	3,179.307	-91
5757	31 42W 2	3370	3,333.204	-37
5758	31 41W 1	3210	3,155.920	-55
5759	31 42W 1	3345	3,307.156	-38

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5760	31 40W 6	3210	3,134.368	-76
5761	31 41W 6	3320	3,280.829	-40
5762	31 40W 5	3200	3,115.961	-85
5763	31 41W 5	3310	3,255.510	-55
5764	31 40W 4	3110	3,097.929	-13
5765	31 40W 3	3080	3,078.629	-2
5766	31 40W 2	3060	3,057.517	-3
5767	31 40W 1	3000	3,039.604	39
5768	31 39W 6	2940	3,026.837	86
5769	31 39W 5	2920	3,018.817	98
5770	31 39W 4	2885	3,020.199	135
5771	31 39W 3	2860	3,018.392	158
5772	31 39W 2	2825	2,992.343	167
5773	31 39W 1	2790	2,978.495	188
5774	31 38W 6	2760	2,968.159	208
5775	31 38W 5	2705	2,967.752	262
5776	31 38W 4	2695	2,955.814	260
5777	31 38W 3	2720	2,942.000	221
5778	31 38W 2	2755	2,927.837	172
5779	31 38W 1	2760	2,912.234	152
5780	31 37W 6	2760	2,897.725	137
5781	31 37W 5	2750	2,884.821	134
5782	31 37W 4	2730	2,876.191	146
5783	31 37W 3	2730	2,878.794	148
5784	31 37W 2	2715	2,891.459	176
5785	31 37W 1	2690	2,897.184	207
5786	31 36W 6	2660	2,893.886	233
5787	31 36W 5	2640	2,884.692	244
5788	31 36W 4	2665	2,872.570	207
5789	31 36W 3	2685	2,855.848	170
5790	31 36W 2	2650	2,834.919	184
5791	31 36W 1	2610	2,812.461	202
5792	31 35W 6	2565	2,785.311	220
5793	31 35W 5	2510	2,758.651	248
5794	31 34W 3	2490	2,708.242	218
5795	31 34W 2	2460	2,702.262	242
5796	31 34W 1	2450	2,695.505	245
5797	31 33W 6	2490	2,687.962	197
5798	31 33W 5	2505	2,679.026	174
5799	31 33W 4	2500	2,666.587	166
5800	31 33W 3	2465	2,652.626	187
5801	31 33W 2	2430	2,641.651	211
5802	31 33W 1	2375	2,633.590	258
5803	31 32W 6	2345	2,626.116	281

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5804	31 32W 5	2345	2,618.831	273
5805	31 28W 6	2245	2,521.103	276
5806	31 29W 1	2260	2,535.100	275
5807	31 29W 2	2260	2,546.302	286
5808	31 29W 3	2260	2,555.313	295
5809	31 35W 4	2495	2,741.118	246
5810	31 29W 4	2260	2,559.893	299
5811	31 35W 3	2510	2,728.464	218
5812	31 29W 5	2260	2,561.527	301
5813	31 35W 2	2530	2,720.949	190
5814	31 29W 6	2240	2,564.546	324
5815	31 35W 1	2530	2,724.742	194
5816	31 30W 1	2240	2,565.422	325
5817	31 34W 6	2530	2,722.052	192
5818	31 30W 2	2240	2,565.862	325
5819	31 34W 5	2515	2,717.848	202
5820	31 30W 3	2260	2,568.617	308
5821	31 34W 4	2510	2,713.437	203
5822	31 30W 4	2265	2,573.049	308
5823	31 30W 5	2275	2,576.511	301
5824	31 30W 6	2280	2,576.925	296
5825	31 31W 1	2285	2,579.595	294
5826	31 31W 2	2290	2,582.120	292
5827	31 31W 3	2290	2,584.106	294
5828	31 31W 4	2295	2,585.867	290
5829	31 31W 5	2295	2,587.458	292
5830	31 31W 6	2295	2,590.795	295
5831	31 32W 1	2305	2,597.187	292
5832	31 32W 2	2330	2,602.906	272
5833	31 32W 3	2345	2,607.455	262
5834	31 32W 4	2345	2,612.572	267
5835	31 28W 1	2125	2,475.475	350
5836	31 28W 2	2135	2,488.914	353
5837	31 28W 3	2150	2,496.157	346
5838	31 28W 4	2185	2,490.906	305
5839	31 28W 5	2215	2,504.847	289
5840	31 27W 2	2115	2,459.427	344
5841	31 27W 3	2125	2,457.028	332
5842	31 27W 4	2125	2,456.542	331
5843	31 27W 5	2125	2,458.895	333
5844	31 27W 6	2125	2,463.959	338
5845	31 27W 1	2100	2,461.384	361
5846	31 43W 7	3550	3,570.470	20
5847	31 43W 8	3550	3,564.479	-99

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5848	31 43W 9	3545	3,550.764	-99
5849	31 43W 10	3530	3,532.309	-99
5850	31 43W 11	3515	3,508.000	-8
5851	31 43W 12	3500	3,470.156	-30
5852	31 42W 7	3485	3,441.434	-44
5853	31 42W 8	3465	3,415.511	-50
5854	31 42W 9	3455	3,390.704	-65
5855	31 42W 10	3420	3,366.479	-54
5856	31 42W 11	3395	3,342.163	-53
5857	31 42W 12	3375	3,317.194	-58
5858	31 41W 7	3350	3,292.906	-58
5859	31 41W 8	3340	3,268.368	-72
5860	31 41W 9	3325	3,245.596	-80
5861	31 41W 10	3315	3,222.191	-93
5862	31 41W 11	3300	3,194.501	-106
5863	31 41W 12	3235	3,167.786	-68
5864	31 40W 7	3215	3,145.107	-70
5865	31 40W 8	3170	3,124.365	-46
5866	31 39W 11	2865	3,004.778	139
5867	31 40W 9	3110	3,104.108	-6
5868	31 39W 12	2820	2,992.784	172
5869	31 40W 10	3075	3,081.314	6
5870	31 38W 7	2785	2,980.654	195
5871	31 40W 11	3065	3,057.974	-8
5872	31 38W 8	2760	2,974.345	214
5873	31 40W 12	3020	3,038.453	18
5874	31 38W 9	2750	2,962.144	212
5875	31 39W 7	2985	3,023.674	38
5876	31 39W 8	2915	3,016.699	101
5877	31 39W 9	2940	3,019.977	79
5878	31 39W 10	2900	3,020.112	120
5879	31 38W 10	2760	2,948.584	188
5880	31 38W 11	2765	2,931.315	166
5881	31 38W 12	2760	2,913.356	153
5882	31 37W 7	2740	2,896.272	156
5883	31 37W 8	2700	2,883.063	183
5884	31 37W 9	2690	2,872.066	182
5885	31 37W 10	2690	2,871.147	181
5886	31 37W 11	2715	2,881.392	166
5887	31 37W 12	2710	2,890.407	180
5888	31 36W 7	2685	2,893.794	208
5889	31 36W 8	2660	2,885.986	225
5890	31 36W 9	2700	2,874.880	174
5891	31 36W 10	2660	2,860.083	200

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5892	31 36W 11	2635	2,836.912	201
5893	31 36W 12	2600	2,813.550	213
5894	31 35W 7	2585	2,786.811	201
5895	31 35W 8	2570	2,758.200	188
5896	31 35W 9	2560	2,735.840	175
5897	31 35W 10	2550	2,720.014	170
5898	31 35W 11	2545	2,713.688	168
5899	31 35W 12	2540	2,721.027	181
5900	31 34W 7	2525	2,719.212	194
5901	31 34W 8	2505	2,716.139	211
5902	31 34W 9	2480	2,713.158	233
5903	31 34W 10	2450	2,709.822	259
5904	31 34W 11	2435	2,705.549	270
5905	31 34W 12	2430	2,699.621	269
5906	31 33W 7	2430	2,692.050	262
5907	31 31W 11	2290	2,577.779	287
5908	31 33W 8	2445	2,681.625	236
5909	31 31W 10	2295	2,580.271	285
5910	31 33W 9	2460	2,668.186	208
5911	31 31W 9	2305	2,582.945	277
5912	31 33W 10	2425	2,656.478	231
5913	31 31W 8	2310	2,585.676	275
5914	31 33W 11	2390	2,645.867	255
5915	31 31W 7	2310	2,588.552	278
5916	31 33W 12	2345	2,637.006	292
5917	31 32W 12	2310	2,594.650	284
5918	31 32W 7	2345	2,629.167	284
5919	31 32W 11	2315	2,602.498	287
5920	31 32W 8	2340	2,621.043	281
5921	31 32W 10	2325	2,607.676	282
5922	31 32W 9	2335	2,613.714	278
5923	31 28W 10	2185	2,471.322	286
5924	31 28W 9	2210	2,478.666	268
5925	31 28W 8	2230	2,493.497	263
5926	31 28W 7	2245	2,511.857	266
5927	31 29W 12	2255	2,529.038	274
5928	31 29W 11	2260	2,542.522	282
5929	31 29W 10	2260	2,553.404	293
5930	31 29W 9	2260	2,559.632	299
5931	31 29W 8	2260	2,562.164	302
5932	31 29W 7	2240	2,565.444	325
5933	31 30W 12	2240	2,566.036	326
5934	31 30W 11	2240	2,564.899	324
5935	31 27W 9	2090	2,441.809	351

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5936	31 30W 10	2245	2,564.790	319
5937	31 30W 9	2260	2,566.980	306
5938	31 30W 8	2265	2,569.555	304
5939	31 27W 8	2095	2,446.202	351
5940	31 30W 7	2275	2,572.297	297
5941	31 31W 12	2285	2,574.906	289
5942	31 27W 7	2125	2,454.277	329
5943	31 28W 12	2140	2,467.082	327
5944	31 28W 11	2160	2,477.981	317
5945	31 27W 12	2090	2,450.598	360
5946	31 27W 11	2090	2,444.479	354
5947	31 27W 10	2090	2,440.240	350
5948	31 43W 18	3540	3,572.388	32
5949	31 43W 17	3540	3,558.462	18
5950	31 43W 16	3545	3,541.633	-4
5951	31 43W 15	3540	3,522.978	-18
5952	31 43W 14	3515	3,498.267	-17
5953	31 43W 13	3495	3,471.403	-24
5954	31 42W 18	3470	3,439.886	-31
5955	31 42W 17	3455	3,416.389	-39
5956	31 42W 16	3440	3,394.436	-46
5957	31 42W 15	3430	3,372.619	-58
5958	31 41W 14	3250	3,209.639	-41
5959	31 42W 14	3415	3,350.152	-65
5960	31 41W 13	3215	3,179.624	-36
5961	31 42W 13	3385	3,328.148	-57
5962	31 40W 18	3190	3,155.211	-35
5963	31 41W 18	3370	3,306.838	-64
5964	31 40W 17	3140	3,132.140	-8
5965	31 41W 17	3355	3,284.777	-71
5966	31 40W 16	3090	3,109.438	19
5967	31 41W 16	3315	3,263.488	-52
5968	31 40W 15	3070	3,084.158	14
5969	31 40W 14	3040	3,059.830	19
5970	31 41W 15	3280	3,240.651	-40
5971	31 40W 13	3030	3,039.933	9
5972	31 39W 18	3015	3,024.362	9
5973	31 39W 17	2990	3,018.354	28
5974	31 39W 16	2970	3,021.734	51
5975	31 39W 15	2950	3,022.301	72
5976	31 39W 14	2900	3,014.822	114
5977	31 39W 13	2855	3,003.964	148
5978	31 38W 18	2810	2,992.108	182
5979	31 38W 17	2790	2,981.563	191

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
5980	31 38W 16	2780	2,969.647	189
5981	31 38W 15	2775	2,954.354	179
5982	31 38W 14	2765	2,935.662	170
5983	31 38W 13	2760	2,915.653	155
5984	31 37W 18	2740	2,896.319	156
5985	31 37W 17	2705	2,882.029	177
5986	31 37W 16	2685	2,866.656	181
5987	31 37W 15	2685	2,863.044	178
5988	31 37W 14	2710	2,869.492	159
5989	31 37W 13	2700	2,878.438	178
5990	31 36W 18	2650	2,885.493	235
5991	31 36W 17	2635	2,884.487	249
5992	31 36W 16	2640	2,874.063	234
5993	31 36W 15	2595	2,861.089	266
5994	31 36W 14	2590	2,819.291	229
5995	31 36W 13	2605	2,792.395	187
5996	31 35W 18	2610	2,770.312	160
5997	31 34W 15	2465	2,704.487	239
5998	31 34W 14	2435	2,700.258	265
5999	31 34W 13	2415	2,695.009	280
6000	31 33W 18	2415	2,688.406	273
6001	31 33W 17	2405	2,679.041	274
6002	31 33W 16	2390	2,669.144	279
6003	31 33W 15	2365	2,659.538	294
6004	31 33W 14	2360	2,649.370	289
6005	31 33W 13	2385	2,640.086	255
6006	31 32W 18	2400	2,632.073	232
6007	31 32W 17	2360	2,623.482	263
6008	31 32W 15	2340	2,607.283	267
6009	31 32W 16	2345	2,615.402	270
6010	31 28W 18	2260	2,504.270	244
6011	31 29W 13	2260	2,520.554	260
6012	31 29W 14	2260	2,535.229	275
6013	31 35W 17	2610	2,748.440	138
6014	31 29W 15	2260	2,549.098	289
6015	31 35W 16	2605	2,730.388	125
6016	31 29W 16	2260	2,558.391	298
6017	31 35W 15	2580	2,713.212	133
6018	31 29W 17	2260	2,562.654	302
6019	31 35W 14	2570	2,707.177	137
6020	31 29W 18	2250	2,566.379	316
6021	31 35W 13	2540	2,715.507	175
6022	31 30W 13	2240	2,567.253	327
6023	31 34W 18	2520	2,714.750	194

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6024	31 30W 14	2240	2,565.513	325
6025	31 34W 17	2490	2,711.642	221
6026	31 30W 15	2250	2,563.759	313
6027	31 34W 16	2480	2,707.947	227
6028	31 30W 16	2260	2,564.364	304
6029	31 30W 17	2265	2,566.793	301
6030	31 30W 18	2275	2,569.645	294
6031	31 31W 13	2285	2,572.577	287
6032	31 31W 14	2290	2,575.531	285
6033	31 31W 15	2305	2,578.745	273
6034	31 27W 18	2165	2,443.098	278
6035	31 31W 16	2310	2,581.914	271
6036	31 31W 17	2315	2,585.027	270
6037	31 31W 18	2320	2,588.869	268
6038	31 32W 13	2330	2,596.718	266
6039	31 32W 14	2335	2,603.705	268
6040	31 28W 13	2185	2,454.546	269
6041	31 28W 14	2210	2,465.452	255
6042	31 28W 15	2225	2,463.254	238
6043	31 28W 16	2255	2,473.891	218
6044	31 28W 17	2260	2,487.373	227
6045	31 27W 14	2090	2,434.018	344
6046	31 27W 15	2090	2,428.508	338
6047	31 27W 16	2110	2,428.525	318
6048	31 27W 17	2125	2,433.496	308
6049	31 43W 19	3555	3,570.774	15
6050	31 43W 20	3555	3,548.926	-7
6051	31 43W 21	3560	3,529.738	-31
6052	31 43W 22	3550	3,510.701	-40
6053	31 43W 23	3510	3,486.697	-24
6054	31 42W 19	3425	3,438.513	-99
6055	31 42W 20	3400	3,416.469	-99
6056	31 42W 21	3400	3,396.731	-4
6057	31 42W 22	3400	3,376.878	-24
6058	31 42W 23	3395	3,357.466	-38
6059	31 43W 24	3475	3,461.729	-14
6060	31 42W 24	3385	3,338.719	-47
6061	31 41W 19	3375	3,320.324	-55
6062	31 41W 20	3355	3,300.594	-55
6063	31 41W 21	3310	3,280.662	-30
6064	31 41W 22	3270	3,258.353	-12
6065	31 41W 23	3235	3,226.558	-9
6066	31 41W 24	3190	3,192.486	-99
6067	31 40W 19	3110	3,165.304	55

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6068	31 40W 20	3100	3,140.491	40
6069	31 39W 23	2910	3,019.025	109
6070	31 40W 21	3085	3,115.675	30
6071	31 39W 24	2855	3,009.280	154
6072	31 40W 22	3070	3,089.553	19
6073	31 38W 19	2815	2,998.041	183
6074	31 40W 23	3060	3,064.627	4
6075	31 38W 20	2790	2,989.298	199
6076	31 40W 24	3040	3,043.858	3
6077	31 39W 19	3010	3,027.485	17
6078	31 39W 20	2995	3,019.806	24
6079	31 39W 21	2980	3,022.957	42
6080	31 39W 22	2960	3,024.859	64
6081	31 38W 21	2780	2,977.969	197
6082	31 38W 22	2760	2,960.670	200
6083	31 38W 23	2755	2,940.313	185
6084	31 38W 24	2735	2,918.024	183
6085	31 37W 19	2715	2,899.132	184
6086	31 37W 20	2710	2,882.797	172
6087	31 37W 21	2680	2,866.594	186
6088	31 37W 22	2665	2,864.103	199
6089	31 37W 23	2660	2,865.588	205
6090	31 37W 24	2640	2,871.078	231
6091	31 36W 19	2630	2,877.479	247
6092	31 36W 20	2620	2,879.993	259
6093	31 36W 21	2620	2,874.527	254
6094	31 36W 22	2615	2,861.682	246
6095	31 36W 23	2605	2,814.000	209
6096	31 36W 24	2575	2,792.948	217
6097	31 35W 19	2560	2,772.398	212
6098	31 35W 20	2575	2,749.465	174
6099	31 35W 21	2575	2,727.873	152
6100	31 35W 22	2570	2,707.451	137
6101	31 35W 23	2560	2,694.342	134
6102	31 35W 24	2540	2,698.908	158
6103	31 34W 19	2520	2,706.640	186
6104	31 34W 20	2490	2,706.604	216
6105	31 34W 21	2465	2,703.068	238
6106	31 34W 22	2440	2,699.192	259
6107	31 34W 23	2400	2,694.324	294
6108	31 34W 24	2395	2,688.986	293
6109	31 33W 19	2385	2,683.124	298
6110	31 31W 23	2300	2,574.908	274
6111	31 33W 20	2375	2,676.971	301

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6112	31 31W 22	2310	2,578.435	268
6113	31 33W 21	2390	2,670.210	280
6114	31 31W 21	2320	2,581.744	261
6115	31 33W 22	2405	2,661.406	256
6116	31 31W 20	2330	2,586.822	256
6117	31 33W 23	2410	2,651.851	241
6118	31 31W 19	2335	2,592.184	257
6119	31 33W 24	2410	2,642.615	232
6120	31 32W 24	2340	2,601.553	261
6121	31 32W 19	2410	2,634.482	224
6122	31 32W 23	2345	2,603.743	258
6123	31 32W 20	2390	2,625.828	235
6124	31 32W 22	2360	2,606.666	246
6125	31 32W 21	2365	2,616.600	251
6126	31 28W 22	2225	2,463.573	238
6127	31 28W 21	2250	2,474.388	224
6128	31 28W 20	2260	2,487.079	227
6129	31 28W 19	2260	2,500.208	240
6130	31 29W 24	2260	2,513.349	253
6131	31 29W 23	2260	2,527.194	267
6132	31 29W 22	2260	2,541.986	281
6133	31 29W 21	2260	2,554.645	294
6134	31 29W 20	2260	2,562.291	302
6135	31 29W 19	2260	2,566.652	306
6136	31 30W 24	2260	2,568.143	308
6137	31 30W 23	2260	2,566.349	306
6138	31 30W 22	2255	2,563.522	308
6139	31 27W 21	2115	2,420.265	305
6140	31 30W 21	2260	2,562.858	302
6141	31 30W 20	2265	2,564.905	299
6142	31 27W 20	2125	2,425.477	300
6143	31 30W 19	2280	2,567.983	287
6144	31 31W 24	2290	2,571.478	281
6145	31 27W 19	2160	2,433.231	273
6146	31 28W 24	2180	2,443.416	263
6147	31 28W 23	2200	2,454.372	254
6148	31 27W 22	2100	2,420.674	320
6149	31 43W 30	3570	3,562.233	-8
6150	31 43W 29	3565	3,534.710	-31
6151	31 43W 28	3555	3,515.481	-40
6152	31 43W 27	3545	3,496.048	-49
6153	31 43W 26	3530	3,473.859	-57
6154	31 43W 25	3510	3,453.362	-57
6155	31 42W 30	3450	3,434.344	-16

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6156	31 42W 29	3395	3,416.052	-99
6157	31 42W 28	3395	3,398.072	-99
6158	31 42W 27	3395	3,381.067	-14
6159	31 42W 26	3395	3,365.191	-30
6160	31 41W 25	3190	3,205.375	15
6161	31 42W 25	3395	3,349.969	-46
6162	31 40W 30	3105	3,174.886	69
6163	31 41W 30	3390	3,333.720	-57
6164	31 40W 29	3120	3,148.088	28
6165	31 41W 29	3365	3,317.215	-48
6166	31 40W 28	3115	3,122.884	7
6167	31 40W 27	3115	3,096.043	-19
6168	31 41W 28	3305	3,298.614	-7
6169	31 40W 26	3065	3,069.728	4
6170	31 41W 27	3265	3,276.855	-99
6171	31 40W 25	3010	3,049.148	39
6172	31 41W 26	3225	3,241.685	16
6173	31 39W 30	2990	3,030.638	40
6174	31 39W 29	2980	3,017.918	37
6175	31 39W 28	2960	3,017.313	57
6176	31 39W 27	2935	3,019.266	84
6177	31 39W 26	2895	3,014.095	119
6178	31 39W 25	2855	3,005.383	150
6179	31 38W 30	2810	3,003.846	193
6180	31 38W 29	2775	2,999.323	224
6181	31 38W 28	2755	2,991.298	236
6182	31 38W 27	2735	2,976.060	241
6183	31 38W 26	2715	2,952.386	237
6184	31 38W 25	2670	2,928.393	258
6185	31 37W 30	2640	2,909.351	269
6186	31 37W 29	2640	2,891.377	251
6187	31 37W 28	2640	2,877.232	237
6188	31 37W 27	2640	2,872.993	232
6189	31 37W 26	2605	2,873.636	268
6190	31 37W 25	2600	2,877.513	277
6191	31 36W 30	2595	2,881.626	286
6192	31 36W 29	2595	2,882.255	287
6193	31 36W 28	2600	2,876.834	276
6194	31 36W 27	2600	2,866.262	266
6195	31 36W 26	2600	2,834.603	234
6196	31 36W 25	2595	2,805.825	210
6197	31 34W 27	2400	2,693.643	293
6198	31 34W 26	2390	2,689.785	299
6199	31 34W 25	2395	2,685.852	290

Appendix V (cont.)
 Saturated Thickness Values
 Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6200	31 33W 30	2395	2,681.418	286
6201	31 33W 29	2410	2,675.539	265
6202	31 33W 28	2415	2,668.521	253
6203	31 33W 27	2420	2,660.991	240
6204	31 33W 26	2420	2,652.460	232
6205	31 33W 25	2415	2,643.723	228
6206	31 32W 25	2345	2,605.164	260
6207	31 32W 30	2410	2,635.581	225
6208	31 32W 26	2355	2,602.718	247
6209	31 32W 29	2390	2,626.872	236
6210	31 32W 27	2370	2,605.607	235
6211	31 32W 28	2385	2,615.948	230
6212	31 28W 29	2240	2,486.911	246
6213	31 28W 30	2245	2,499.350	254
6214	31 29W 25	2255	2,511.379	256
6215	31 35W 30	2555	2,787.928	232
6216	31 29W 26	2260	2,524.585	264
6217	31 35W 29	2535	2,758.300	223
6218	31 29W 27	2260	2,539.403	279
6219	31 35W 28	2540	2,729.063	189
6220	31 29W 28	2260	2,552.711	292
6221	31 35W 27	2540	2,707.391	167
6222	31 29W 29	2260	2,561.531	301
6223	31 35W 26	2540	2,689.632	149
6224	31 29W 30	2260	2,566.397	306
6225	31 35W 25	2535	2,681.308	146
6226	31 30W 25	2260	2,568.679	308
6227	31 34W 30	2515	2,687.419	172
6228	31 30W 26	2260	2,567.495	307
6229	31 34W 29	2480	2,699.855	219
6230	31 30W 27	2260	2,564.409	304
6231	31 34W 28	2435	2,696.991	261
6232	31 30W 28	2260	2,562.999	302
6233	31 30W 29	2265	2,564.698	299
6234	31 30W 30	2280	2,566.910	286
6235	31 31W 25	2290	2,570.349	280
6236	31 31W 26	2295	2,574.300	279
6237	31 27W 30	2140	2,430.411	290
6238	31 31W 27	2305	2,578.130	273
6239	31 31W 28	2310	2,582.455	272
6240	31 31W 29	2325	2,590.536	265
6241	31 31W 30	2335	2,597.645	262
6242	31 28W 25	2165	2,441.487	276
6243	31 28W 26	2175	2,449.198	274

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6244	31 28W 27	2190	2,462.233	272
6245	31 28W 28	2215	2,474.972	259
6246	31 27W 29	2120	2,425.999	305
6247	31 43W 31	3565	3,548.031	-17
6248	31 43W 32	3555	3,520.887	-35
6249	31 43W 33	3540	3,502.432	-38
6250	31 43W 34	3520	3,483.291	-37
6251	31 43W 35	3515	3,464.091	-51
6252	31 43W 36	3505	3,447.653	-58
6253	31 42W 36	3410	3,359.320	-51
6254	31 41W 31	3395	3,346.405	-49
6255	31 42W 31	3490	3,429.655	-61
6256	31 41W 32	3360	3,331.660	-29
6257	31 42W 32	3445	3,410.349	-35
6258	31 41W 33	3310	3,314.107	-99
6259	31 42W 33	3420	3,399.030	-21
6260	31 41W 34	3260	3,292.843	32
6261	31 42W 34	3415	3,385.108	-30
6262	31 41W 35	3225	3,257.491	32
6263	31 42W 35	3415	3,372.024	-43
6264	31 41W 36	3200	3,220.995	20
6265	31 40W 31	3185	3,184.958	-1
6266	31 40W 32	3175	3,153.210	-22
6267	31 39W 35	2890	3,010.767	120
6268	31 40W 33	3165	3,129.298	-36
6269	31 39W 36	2860	3,011.691	151
6270	31 40W 34	3150	3,102.163	-48
6271	31 38W 31	2815	3,012.151	197
6272	31 40W 35	3085	3,076.768	-9
6273	31 38W 32	2750	3,010.719	260
6274	31 40W 36	3040	3,056.171	16
6275	31 39W 31	3010	3,037.391	27
6276	31 39W 32	2990	3,027.597	37
6277	31 39W 33	2960	3,022.813	62
6278	31 39W 34	2925	3,013.177	88
6279	31 38W 33	2710	3,007.207	297
6280	31 38W 34	2710	2,998.955	288
6281	31 38W 35	2690	2,979.604	289
6282	31 38W 36	2645	2,953.560	308
6283	31 37W 31	2640	2,928.590	288
6284	31 37W 32	2630	2,910.621	280
6285	31 37W 33	2620	2,898.795	278
6286	31 37W 34	2610	2,892.303	282
6287	31 37W 35	2590	2,890.648	300

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6288	31 37W 36	2580	2,891.789	311
6289	31 36W 31	2570	2,892.274	322
6290	31 36W 32	2560	2,888.530	328
6291	31 36W 33	2530	2,879.695	349
6292	31 36W 34	2515	2,870.634	355
6293	31 36W 35	2530	2,862.720	332
6294	31 36W 36	2530	2,835.165	305
6295	31 35W 31	2525	2,814.955	289
6296	31 35W 32	2525	2,790.658	265
6297	31 35W 33	2540	2,755.392	215
6298	31 35W 34	2540	2,723.661	183
6299	31 35W 35	2545	2,698.596	153
6300	31 35W 36	2500	2,683.312	183
6301	31 34W 31	2510	2,677.395	167
6302	31 34W 32	2460	2,685.642	225
6303	31 34W 33	2415	2,692.861	277
6304	31 34W 34	2405	2,688.495	283
6305	31 34W 35	2410	2,685.243	275
6306	31 34W 36	2420	2,682.307	262
6307	31 33W 31	2425	2,678.273	253
6308	31 31W 35	2290	2,573.226	283
6309	31 33W 32	2420	2,671.467	251
6310	31 31W 34	2290	2,577.363	287
6311	31 33W 33	2425	2,663.808	238
6312	31 31W 33	2300	2,584.414	284
6313	31 33W 34	2425	2,657.027	232
6314	31 31W 32	2335	2,594.060	259
6315	31 33W 35	2420	2,650.535	230
6316	31 31W 31	2340	2,601.667	261
6317	31 33W 36	2415	2,643.546	228
6318	31 32W 36	2330	2,605.534	275
6319	31 32W 31	2410	2,635.477	225
6320	31 32W 35	2340	2,600.674	260
6321	31 32W 32	2385	2,625.603	240
6322	31 32W 34	2345	2,604.048	259
6323	31 32W 33	2360	2,614.656	254
6324	31 28W 34	2170	2,465.911	295
6325	31 28W 33	2190	2,479.875	289
6326	31 28W 32	2210	2,489.408	279
6327	31 28W 31	2235	2,499.094	264
6328	31 29W 36	2240	2,512.091	272
6329	31 29W 35	2255	2,525.407	270
6330	31 29W 34	2260	2,537.248	277
6331	31 29W 33	2260	2,549.433	289

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6332	31 29W 32	2260	2,558.722	298
6333	31 29W 31	2260	2,564.000	303
6334	31 30W 36	2260	2,567.222	307
6335	31 30W 35	2260	2,567.464	307
6336	31 30W 34	2260	2,565.390	305
6337	31 30W 33	2260	2,563.829	303
6338	31 30W 32	2265	2,565.286	300
6339	31 30W 31	2270	2,566.965	296
6340	31 31W 36	2285	2,569.442	284
6341	31 28W 36	2140	2,447.688	307
6342	31 28W 35	2160	2,455.982	295
6343	32 43W 6	3550	3,534.993	-16
6344	32 43W 5	3535	3,512.230	-23
6345	32 43W 4	3515	3,493.732	-22
6346	32 43W 3	3485	3,476.070	-9
6347	32 43W 2	3475	3,457.602	-18
6348	32 43W 1	3470	3,438.846	-32
6349	32 42W 6	3460	3,418.935	-42
6350	32 42W 5	3450	3,397.354	-53
6351	32 42W 4	3435	3,391.588	-44
6352	32 42W 3	3420	3,387.020	-33
6353	32 42W 2	3410	3,377.796	-33
6354	32 42W 1	3400	3,369.496	-31
6355	32 41W 6	3375	3,358.700	-17
6356	32 41W 5	3340	3,345.378	-99
6357	32 41W 4	3305	3,328.648	23
6358	32 41W 3	3260	3,307.895	47
6359	32 40W 1	3035	3,065.097	30
6360	32 41W 2	3235	3,274.208	39
6361	32 39W 6	3110	3,048.899	-62
6362	32 41W 1	3215	3,237.519	22
6363	32 39W 5	3005	3,041.249	36
6364	32 40W 6	3190	3,180.204	-10
6365	32 39W 4	2970	3,041.988	71
6366	32 40W 5	3180	3,154.174	-26
6367	32 39W 3	2935	3,028.048	93
6368	32 39W 2	2910	3,025.091	115
6369	32 40W 4	3160	3,133.898	-27
6370	32 39W 1	2875	3,025.430	150
6371	32 40W 3	3125	3,108.755	-17
6372	32 38W 6	2830	3,026.228	196
6373	32 40W 2	3075	3,087.450	12
6374	32 38W 5	2760	3,026.427	266
6375	32 38W 4	2690	3,024.180	334

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6376	32 38W 3	2665	3,018.050	353
6377	32 38W 2	2645	3,006.679	361
6378	32 38W 1	2635	2,986.835	351
6379	32 37W 6	2625	2,960.878	335
6380	32 37W 5	2615	2,936.277	321
6381	32 37W 4	2615	2,923.772	308
6382	32 37W 3	2610	2,915.287	305
6383	32 37W 2	2605	2,909.453	304
6384	32 37W 1	2605	2,905.158	300
6385	32 36W 6	2605	2,898.776	293
6386	32 36W 5	2580	2,889.065	309
6387	32 36W 4	2525	2,878.140	353
6388	32 36W 3	2495	2,868.371	373
6389	32 36W 2	2500	2,863.950	363
6390	32 34W 2	2450	2,682.989	232
6391	32 34W 1	2455	2,679.754	224
6392	32 33W 6	2435	2,674.812	239
6393	32 33W 5	2425	2,669.059	244
6394	32 33W 4	2420	2,661.957	241
6395	32 33W 3	2420	2,655.066	235
6396	32 33W 2	2415	2,648.814	233
6397	32 31W 6	2365	2,602.348	237
6398	32 33W 1	2415	2,642.272	227
6399	32 32W 1	2360	2,603.239	243
6400	32 32W 6	2410	2,634.185	224
6401	32 32W 2	2345	2,598.099	253
6402	32 32W 5	2385	2,623.219	238
6403	32 32W 3	2340	2,602.292	262
6404	32 32W 4	2345	2,612.389	267
6405	32 28W 5	2190	2,488.654	298
6406	32 28W 6	2210	2,502.152	292
6407	32 36W 1	2500	2,858.905	358
6408	32 29W 1	2235	2,517.149	282
6409	32 35W 6	2495	2,841.645	346
6410	32 29W 2	2260	2,531.408	271
6411	32 35W 5	2530	2,824.599	294
6412	32 29W 3	2260	2,541.490	281
6413	32 35W 4	2555	2,794.787	239
6414	32 29W 4	2260	2,550.421	290
6415	32 35W 3	2555	2,757.889	202
6416	32 29W 5	2260	2,557.406	297
6417	32 35W 2	2555	2,717.991	162
6418	32 29W 6	2260	2,562.282	302
6419	32 35W 1	2555	2,695.216	140

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6420	32 30W 1	2260	2,564.669	304
6421	32 34W 6	2490	2,686.458	196
6422	32 30W 2	2255	2,564.510	309
6423	32 34W 5	2440	2,683.872	243
6424	32 30W 3	2255	2,564.121	309
6425	32 34W 4	2435	2,686.417	251
6426	32 30W 4	2260	2,563.698	303
6427	32 34W 3	2440	2,686.358	246
6428	32 30W 5	2265	2,565.137	300
6429	32 30W 6	2280	2,566.564	286
6430	32 31W 1	2280	2,568.489	288
6431	32 31W 2	2285	2,571.618	286
6432	32 31W 3	2295	2,576.395	281
6433	32 31W 4	2310	2,585.541	275
6434	32 31W 5	2340	2,595.252	255
6435	32 28W 1	2115	2,441.373	326
6436	32 28W 2	2140	2,452.350	312
6437	32 28W 3	2160	2,463.893	303
6438	32 28W 4	2170	2,475.897	305
6439	32 43W 7	3525	3,527.004	2
6440	32 43W 8	3515	3,507.228	-8
6441	32 43W 9	3490	3,488.138	-2
6442	32 43W 10	3460	3,467.595	7
6443	32 43W 11	3440	3,447.666	7
6444	32 43W 12	3425	3,427.197	2
6445	32 42W 7	3405	3,404.996	-1
6446	32 42W 8	3400	3,383.822	-17
6447	32 41W 9	3280	3,340.000	60
6448	32 42W 9	3400	3,375.566	-25
6449	32 41W 10	3250	3,318.339	68
6450	32 42W 10	3390	3,385.350	-5
6451	32 41W 11	3230	3,289.876	59
6452	32 42W 11	3375	3,378.895	3
6453	32 41W 12	3220	3,220.896	0
6454	32 42W 12	3355	3,373.910	18
6455	32 40W 7	3190	3,182.972	-8
6456	32 41W 7	3335	3,368.364	33
6457	32 40W 8	3165	3,155.189	-10
6458	32 41W 8	3310	3,357.032	47
6459	32 40W 9	3140	3,137.908	-3
6460	32 39W 12	2890	3,069.134	179
6461	32 40W 10	3100	3,116.818	16
6462	32 38W 7	2840	3,064.949	224
6463	32 40W 11	3040	3,096.592	56

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6464	32 40W 12	3010	3,079.260	69
6465	32 39W 7	2990	3,066.517	76
6466	32 39W 8	2980	3,058.288	78
6467	32 39W 9	2965	3,060.561	95
6468	32 39W 10	2955	3,086.718	131
6469	32 39W 11	2935	3,070.332	135
6470	32 38W 8	2760	3,060.923	300
6471	32 38W 9	2705	3,051.904	346
6472	32 38W 10	2645	3,041.105	396
6473	32 38W 11	2635	3,029.613	394
6474	32 38W 12	2620	3,016.769	396
6475	32 37W 7	2610	2,997.428	387
6476	32 37W 8	2590	2,972.221	382
6477	32 37W 9	2590	2,949.726	359
6478	32 37W 10	2590	2,936.507	346
6479	32 37W 11	2605	2,925.360	320
6480	32 37W 12	2610	2,914.009	304
6481	32 36W 7	2610	2,900.978	290
6482	32 36W 8	2605	2,887.916	282
6483	32 36W 9	2565	2,874.757	309
6484	32 36W 10	2505	2,863.289	358
6485	32 36W 11	2490	2,859.083	369
6486	32 36W 12	2490	2,858.308	368
6487	32 35W 7	2510	2,853.455	343
6488	32 35W 8	2520	2,840.223	320
6489	32 35W 9	2525	2,820.913	295
6490	32 35W 10	2540	2,787.501	247
6491	32 35W 11	2540	2,745.236	205
6492	32 35W 12	2500	2,709.622	209
6493	32 34W 7	2480	2,698.627	218
6494	32 34W 8	2460	2,693.375	233
6495	32 34W 9	2475	2,690.189	215
6496	32 34W 10	2455	2,686.916	231
6497	32 34W 11	2440	2,682.933	242
6498	32 34W 12	2425	2,678.849	253
6499	32 31W 12	2290	2,566.398	276
6500	32 33W 7	2420	2,674.144	254
6501	32 31W 11	2290	2,569.254	279
6502	32 33W 8	2410	2,667.905	257
6503	32 31W 10	2310	2,574.850	264
6504	32 33W 9	2410	2,660.618	250
6505	32 31W 9	2325	2,584.589	259
6506	32 33W 10	2410	2,653.531	243
6507	32 31W 8	2350	2,594.115	244

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6508	32 33W 11	2410	2,646.475	236
6509	32 31W 7	2375	2,600.153	225
6510	32 33W 12	2410	2,639.663	229
6511	32 32W 12	2380	2,598.385	218
6512	32 32W 7	2410	2,631.146	221
6513	32 32W 11	2370	2,594.785	224
6514	32 32W 8	2400	2,620.468	220
6515	32 32W 10	2350	2,600.119	250
6516	32 32W 9	2365	2,609.147	244
6517	32 28W 10	2125	2,455.613	330
6518	32 28W 9	2160	2,468.573	308
6519	32 28W 8	2175	2,486.456	311
6520	32 28W 7	2200	2,505.588	305
6521	32 29W 12	2220	2,523.609	303
6522	32 29W 11	2255	2,539.138	284
6523	32 29W 10	2260	2,548.781	288
6524	32 29W 9	2260	2,554.551	294
6525	32 29W 8	2250	2,559.009	309
6526	32 29W 7	2245	2,563.163	318
6527	32 30W 12	2240	2,564.278	324
6528	32 30W 11	2240	2,562.780	322
6529	32 30W 10	2240	2,560.926	320
6530	32 30W 9	2260	2,561.371	301
6531	32 30W 8	2270	2,563.113	293
6532	32 30W 7	2285	2,564.560	279
6533	32 28W 11	2100	2,442.254	342
6534	32 43W 18	3510	3,529.452	19
6535	32 43W 17	3485	3,548.088	63
6536	32 43W 16	3475	3,529.738	54
6537	32 43W 15	3450	3,483.256	33
6538	32 43W 14	3415	3,442.479	27
6539	32 43W 13	3390	3,421.349	31
6540	32 42W 18	3370	3,398.760	28
6541	32 42W 17	3355	3,377.401	22
6542	32 42W 16	3335	3,364.059	29
6543	32 42W 15	3315	3,377.650	62
6544	32 42W 14	3305	3,374.725	69
6545	32 42W 13	3295	3,371.792	76
6546	32 41W 18	3290	3,369.470	79
6547	32 41W 17	3280	3,363.485	83
6548	32 41W 16	3255	3,349.995	94
6549	32 41W 15	3235	3,329.025	94
6550	32 41W 14	3220	3,288.891	68
6551	32 39W 18	3025	3,083.944	58

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6552	32 41W 13	3210	3,223.782	13
6553	32 39W 17	3015	3,075.652	60
6554	32 40W 18	3180	3,186.983	6
6555	32 39W 16	3005	3,076.451	71
6556	32 40W 17	3145	3,161.350	16
6557	32 39W 15	2960	3,113.356	153
6558	32 39W 14	2920	3,120.360	200
6559	32 40W 16	3120	3,143.709	23
6560	32 39W 13	2885	3,112.073	227
6561	32 40W 15	3080	3,126.418	46
6562	32 38W 18	2835	3,101.680	266
6563	32 40W 14	3055	3,110.949	55
6564	32 38W 17	2760	3,087.739	327
6565	32 40W 13	3040	3,096.925	56
6566	32 38W 16	2700	3,068.772	368
6567	32 38W 15	2665	3,048.739	383
6568	32 38W 14	2660	3,035.201	375
6569	32 38W 13	2620	3,022.086	402
6570	32 37W 17	2590	2,980.079	390
6571	32 37W 16	2590	2,964.988	374
6572	32 37W 15	2585	2,953.022	368
6573	32 37W 14	2580	2,939.991	359
6574	32 37W 13	2600	2,921.630	321
6575	32 36W 18	2610	2,905.254	295
6576	32 36W 17	2615	2,889.285	274
6577	32 36W 16	2605	2,874.208	269
6578	32 36W 15	2540	2,860.779	320
6579	32 37W 18	2590	3,000.410	410
6580	32 34W 14	2395	2,684.577	289
6581	32 34W 13	2390	2,679.972	289
6582	32 33W 18	2385	2,674.440	289
6583	32 33W 17	2380	2,667.820	287
6584	32 33W 16	2370	2,659.740	289
6585	32 33W 15	2355	2,652.395	297
6586	32 33W 14	2350	2,645.191	295
6587	32 31W 18	2380	2,595.272	215
6588	32 33W 13	2375	2,637.384	262
6589	32 32W 13	2405	2,591.415	186
6590	32 32W 18	2405	2,628.641	223
6591	32 32W 14	2405	2,591.177	186
6592	32 32W 17	2410	2,618.539	208
6593	32 32W 15	2395	2,597.938	202
6594	32 32W 16	2395	2,607.337	212
6595	32 28W 17	2140	2,479.996	339

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6596	32 36W 14	2495	2,855.038	360
6597	32 28W 18	2165	2,504.758	339
6598	32 36W 13	2505	2,855.823	350
6599	32 29W 13	2200	2,525.814	325
6600	32 35W 18	2515	2,855.540	340
6601	32 29W 14	2215	2,541.606	326
6602	32 35W 17	2500	2,847.264	347
6603	32 29W 15	2225	2,551.582	326
6604	32 35W 16	2490	2,831.819	341
6605	32 29W 16	2225	2,556.526	331
6606	32 35W 15	2515	2,809.016	294
6607	32 29W 17	2215	2,560.221	345
6608	32 35W 14	2495	2,773.781	278
6609	32 29W 18	2220	2,562.018	342
6610	32 35W 13	2490	2,732.100	242
6611	32 30W 13	2220	2,560.638	340
6612	32 34W 18	2475	2,713.344	238
6613	32 30W 14	2235	2,558.067	323
6614	32 34W 17	2460	2,704.521	244
6615	32 30W 15	2240	2,556.854	316
6616	32 34W 16	2435	2,696.763	261
6617	32 30W 16	2260	2,557.865	297
6618	32 34W 15	2415	2,689.910	274
6619	32 30W 17	2275	2,559.718	284
6620	32 30W 18	2290	2,561.037	271
6621	32 31W 13	2295	2,562.562	267
6622	32 31W 14	2320	2,565.481	245
6623	32 31W 15	2330	2,571.837	241
6624	32 31W 16	2340	2,581.456	241
6625	32 31W 17	2365	2,590.786	225
6626	32 28W 14	2025	2,430.731	405
6627	32 28W 15	2040	2,444.517	404
6628	32 28W 16	2100	2,457.927	357
6629	32 43W 19	3485	3,568.433	83
6630	32 43W 20	3470	3,522.615	52
6631	32 43W 21	3460	3,467.816	7
6632	32 43W 22	3440	3,438.382	-2
6633	32 43W 23	3420	3,423.134	3
6634	32 43W 24	3400	3,409.937	9
6635	32 42W 19	3375	3,395.833	20
6636	32 42W 20	3345	3,378.692	33
6637	32 42W 21	3330	3,360.124	30
6638	32 41W 22	3230	3,333.566	103
6639	32 42W 22	3315	3,366.871	51

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6640	32 41W 23	3215	3,284.076	69
6641	32 42W 23	3305	3,365.768	60
6642	32 41W 24	3190	3,215.609	25
6643	32 42W 24	3290	3,361.756	71
6644	32 40W 19	3160	3,189.879	29
6645	32 41W 19	3280	3,361.041	81
6646	32 40W 20	3130	3,168.540	38
6647	32 41W 20	3265	3,360.622	95
6648	32 40W 21	3105	3,150.726	45
6649	32 39W 24	2860	3,127.668	267
6650	32 40W 22	3075	3,136.571	61
6651	32 41W 21	3240	3,354.230	114
6652	32 38W 19	2815	3,112.243	297
6653	32 40W 23	3045	3,124.052	79
6654	32 40W 24	3025	3,112.553	87
6655	32 39W 19	3005	3,102.409	97
6656	32 39W 20	2990	3,094.542	104
6657	32 39W 21	2960	3,092.693	132
6658	32 39W 22	2925	3,129.494	204
6659	32 39W 23	2890	3,137.712	247
6660	32 38W 20	2755	3,091.517	336
6661	32 38W 21	2695	3,067.041	372
6662	32 38W 22	2680	3,047.302	367
6663	32 38W 23	2665	3,032.283	367
6664	32 38W 24	2615	3,019.357	404
6665	32 37W 19	2640	3,009.429	369
6666	32 37W 20	2640	3,001.660	361
6667	32 37W 21	2630	2,994.175	364
6668	32 37W 22	2590	2,986.564	396
6669	32 37W 23	2560	2,979.396	419
6670	32 37W 24	2570	2,960.663	390
6671	32 36W 19	2605	2,930.803	325
6672	32 36W 20	2625	2,899.761	274
6673	32 36W 21	2610	2,877.210	267
6674	32 36W 22	2540	2,862.214	322
6675	32 36W 23	2490	2,855.332	365
6676	32 36W 24	2505	2,857.271	352
6677	32 35W 19	2505	2,859.764	354
6678	32 35W 20	2460	2,852.193	392
6679	32 35W 21	2450	2,837.360	387
6680	32 35W 22	2460	2,813.456	353
6681	32 35W 23	2460	2,785.040	325
6682	32 35W 24	2485	2,753.141	268
6683	32 34W 19	2470	2,727.144	257

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6684	32 34W 20	2460	2,714.604	254
6685	32 34W 21	2440	2,703.724	263
6686	32 34W 22	2395	2,694.906	299
6687	32 34W 23	2390	2,688.469	298
6688	32 34W 24	2375	2,682.838	307
6689	32 31W 24	2330	2,558.113	228
6690	32 33W 19	2365	2,676.109	311
6691	32 31W 23	2355	2,561.406	206
6692	32 33W 20	2345	2,668.236	323
6693	32 31W 22	2360	2,567.665	207
6694	32 33W 21	2340	2,659.100	319
6695	32 31W 21	2365	2,575.969	210
6696	32 33W 22	2340	2,651.108	311
6697	32 31W 20	2370	2,585.600	215
6698	32 33W 23	2340	2,643.462	303
6699	32 31W 19	2380	2,585.805	205
6700	32 33W 24	2360	2,634.865	274
6701	32 32W 24	2400	2,583.141	183
6702	32 32W 19	2400	2,626.219	226
6703	32 32W 23	2410	2,588.590	178
6704	32 32W 20	2410	2,616.154	206
6705	32 32W 22	2410	2,595.557	185
6706	32 32W 21	2410	2,603.995	193
6707	32 28W 21	2030	2,446.127	416
6708	32 28W 20	2055	2,467.494	412
6709	32 28W 19	2100	2,496.773	396
6710	32 29W 24	2140	2,520.527	380
6711	32 29W 23	2150	2,536.331	386
6712	32 29W 22	2150	2,546.464	396
6713	32 29W 21	2165	2,553.613	388
6714	32 29W 20	2190	2,557.672	367
6715	32 29W 19	2215	2,557.927	342
6716	32 30W 24	2220	2,555.904	335
6717	32 30W 23	2235	2,553.576	318
6718	32 30W 22	2240	2,552.444	312
6719	32 30W 21	2245	2,553.362	308
6720	32 30W 20	2295	2,555.294	260
6721	32 30W 19	2310	2,556.068	246
6722	32 43W 27	3425	3,435.748	10
6723	32 43W 26	3415	3,427.032	12
6724	32 43W 25	3400	3,421.412	21
6725	32 43W 30	3470	3,504.995	34
6726	32 42W 30	3380	3,407.626	27
6727	32 43W 29	3445	3,477.647	32

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6728	32 42W 29	3360	3,384.605	24
6729	32 43W 28	3435	3,455.277	20
6730	32 42W 28	3340	3,367.189	27
6731	32 42W 27	3330	3,363.302	33
6732	32 42W 26	3315	3,357.892	42
6733	32 42W 25	3290	3,350.233	60
6734	32 41W 30	3270	3,349.173	79
6735	32 41W 29	3250	3,347.535	97
6736	32 41W 28	3230	3,337.903	107
6737	32 41W 27	3220	3,316.490	96
6738	32 41W 26	3195	3,254.495	59
6739	32 39W 30	2960	3,118.039	158
6740	32 41W 25	3175	3,214.191	39
6741	32 39W 29	2930	3,110.970	180
6742	32 40W 30	3150	3,191.779	41
6743	32 39W 28	2910	3,107.022	197
6744	32 39W 27	2885	3,133.613	248
6745	32 40W 29	3100	3,174.644	74
6746	32 39W 26	2865	3,140.238	275
6747	32 40W 28	3075	3,160.347	85
6748	32 39W 25	2840	3,134.322	294
6749	32 40W 27	3045	3,147.167	102
6750	32 38W 30	2810	3,118.852	308
6751	32 40W 26	3010	3,136.107	126
6752	32 38W 29	2760	3,098.429	338
6753	32 40W 25	2985	3,127.152	142
6754	32 38W 28	2720	3,073.742	353
6755	32 38W 27	2700	3,050.153	350
6756	32 38W 26	2700	3,033.279	333
6757	32 37W 28	2645	3,009.078	364
6758	32 37W 27	2570	3,001.997	431
6759	32 37W 26	2510	2,991.917	481
6760	32 37W 25	2545	2,973.466	428
6761	32 36W 30	2585	2,938.719	353
6762	32 36W 29	2620	2,901.076	281
6763	32 36W 28	2605	2,880.623	275
6764	32 36W 27	2540	2,865.034	325
6765	32 38W 25	2690	3,022.688	332
6766	32 37W 30	2680	3,016.028	336
6767	32 37W 29	2665	3,012.791	347
6768	32 34W 26	2385	2,694.244	309
6769	32 34W 25	2370	2,686.541	316
6770	32 33W 30	2365	2,678.409	313
6771	32 33W 29	2345	2,668.872	323

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6772	32 33W 28	2340	2,658.610	318
6773	32 33W 27	2340	2,649.577	309
6774	32 31W 29	2340	2,577.758	237
6775	32 33W 26	2360	2,641.011	281
6776	32 31W 30	2345	2,576.446	231
6777	32 33W 25	2385	2,631.643	246
6778	32 32W 25	2390	2,580.529	190
6779	32 32W 30	2405	2,622.784	217
6780	32 32W 26	2410	2,586.588	176
6781	32 32W 29	2405	2,611.393	206
6782	32 32W 27	2410	2,593.525	183
6783	32 32W 28	2405	2,601.322	196
6784	32 28W 29	2040	2,452.182	412
6785	32 36W 26	2500	2,857.988	357
6786	32 28W 30	2060	2,483.465	423
6787	32 36W 25	2490	2,861.019	371
6788	32 29W 25	2090	2,509.353	419
6789	32 35W 30	2470	2,864.388	394
6790	32 29W 26	2125	2,525.352	400
6791	32 35W 29	2455	2,854.931	399
6792	32 29W 27	2150	2,535.828	385
6793	32 35W 28	2430	2,841.122	411
6794	32 29W 28	2200	2,544.156	344
6795	32 35W 27	2410	2,818.569	408
6796	32 29W 29	2210	2,549.209	339
6797	32 35W 26	2430	2,788.220	358
6798	32 29W 30	2215	2,550.798	335
6799	32 35W 25	2455	2,762.396	307
6800	32 30W 25	2230	2,549.833	319
6801	32 34W 30	2460	2,741.052	281
6802	32 30W 26	2240	2,548.132	308
6803	32 34W 29	2460	2,725.260	265
6804	32 30W 27	2260	2,547.371	287
6805	32 34W 28	2420	2,712.684	292
6806	32 30W 28	2270	2,548.654	278
6807	32 34W 27	2390	2,702.714	312
6808	32 30W 29	2300	2,550.743	250
6809	32 30W 30	2300	2,551.221	251
6810	32 31W 25	2320	2,553.111	233
6811	32 31W 26	2340	2,557.057	217
6812	32 31W 27	2340	2,562.034	222
6813	32 31W 28	2340	2,570.239	230
6814	32 28W 28	2015	2,431.346	416
6815	32 43W 31	3460	3,522.058	62

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6816	32 43W 32	3435	3,500.979	65
6817	32 43W 33	3425	3,481.419	56
6818	32 43W 34	3410	3,470.037	60
6819	32 43W 35	3390	3,463.471	73
6820	32 43W 36	3380	3,443.572	63
6821	32 42W 31	3370	3,418.985	48
6822	32 42W 32	3350	3,397.743	47
6823	32 42W 33	3335	3,380.993	45
6824	32 42W 34	3315	3,372.071	57
6825	32 41W 35	3185	3,237.221	52
6826	32 42W 35	3300	3,359.548	59
6827	32 41W 36	3165	3,215.325	50
6828	32 42W 36	3280	3,348.049	68
6829	32 40W 31	3135	3,196.509	61
6830	32 41W 31	3260	3,337.019	77
6831	32 40W 32	3090	3,182.609	92
6832	32 41W 32	3235	3,325.029	90
6833	32 40W 33	3060	3,170.923	110
6834	32 39W 36	2830	3,128.761	298
6835	32 40W 34	3015	3,158.501	143
6836	32 41W 33	3220	3,310.606	90
6837	32 38W 31	2810	3,116.902	306
6838	32 40W 35	2985	3,147.591	162
6839	32 41W 34	3205	3,290.961	85
6840	32 40W 36	2955	3,138.720	183
6841	32 39W 31	2920	3,131.806	211
6842	32 39W 32	2900	3,125.949	225
6843	32 39W 33	2880	3,120.942	240
6844	32 39W 34	2865	3,128.488	263
6845	32 39W 35	2840	3,131.052	291
6846	32 38W 32	2770	3,099.181	329
6847	32 38W 33	2735	3,072.262	337
6848	32 38W 34	2720	3,039.010	319
6849	32 38W 35	2705	3,027.501	322
6850	32 38W 36	2675	3,023.656	348
6851	32 37W 31	2655	3,017.319	362
6852	32 37W 32	2640	3,014.798	374
6853	32 37W 33	2635	3,012.131	377
6854	32 37W 34	2555	3,005.765	450
6855	32 37W 35	2495	2,995.659	500
6856	32 37W 36	2495	2,973.539	478
6857	32 36W 31	2560	2,933.988	373
6858	32 36W 32	2610	2,904.496	294
6859	32 36W 33	2630	2,886.031	256

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6860	32 36W 34	2600	2,869.969	269
6861	32 36W 35	2520	2,862.038	342
6862	32 36W 36	2590	2,865.043	275
6863	32 35W 31	2480	2,866.502	386
6864	32 35W 32	2470	2,855.434	385
6865	32 35W 33	2460	2,842.601	382
6866	32 35W 34	2440	2,823.612	383
6867	32 35W 35	2410	2,794.616	384
6868	32 35W 36	2395	2,769.792	374
6869	32 34W 31	2395	2,749.739	354
6870	32 34W 32	2410	2,735.075	325
6871	32 34W 33	2410	2,721.850	311
6872	32 30W 33	2245	2,543.494	298
6873	32 34W 34	2390	2,710.688	320
6874	32 30W 32	2260	2,545.921	285
6875	32 34W 35	2380	2,701.132	321
6876	32 30W 31	2245	2,546.563	301
6877	32 34W 36	2370	2,691.414	321
6878	32 31W 36	2270	2,548.822	278
6879	32 33W 31	2360	2,681.199	321
6880	32 31W 35	2285	2,552.971	267
6881	32 33W 32	2340	2,669.670	329
6882	32 31W 34	2290	2,557.799	267
6883	32 33W 33	2335	2,657.984	322
6884	32 31W 33	2290	2,564.619	274
6885	32 33W 34	2350	2,646.901	296
6886	32 31W 32	2295	2,568.720	273
6887	32 33W 35	2360	2,635.916	275
6888	32 31W 31	2335	2,572.806	237
6889	32 33W 36	2375	2,626.424	251
6890	32 32W 36	2480	2,578.389	98
6891	32 32W 31	2385	2,617.259	232
6892	32 32W 35	2400	2,584.594	184
6893	32 32W 32	2380	2,607.110	227
6894	32 32W 34	2405	2,591.425	186
6895	32 32W 33	2400	2,598.920	198
6896	32 28W 33	2040	2,415.893	375
6897	32 28W 32	2040	2,433.662	393
6898	32 28W 31	2065	2,464.637	399
6899	32 29W 36	2115	2,491.592	376
6900	32 29W 35	2160	2,508.825	348
6901	32 29W 34	2205	2,521.444	316
6902	32 29W 33	2210	2,531.158	321
6903	32 29W 32	2210	2,537.741	327

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6904	32 29W 31	2215	2,540.950	325
6905	32 30W 36	2215	2,541.526	326
6906	32 30W 35	2235	2,540.977	305
6907	32 30W 34	2240	2,541.079	301
6908	33 43W 6	3470	3,547.861	77
6909	33 43W 5	3440	3,527.367	87
6910	33 43W 4	3425	3,514.895	89
6911	33 43W 3	3400	3,500.757	100
6912	33 43W 2	3380	3,480.322	100
6913	33 43W 1	3360	3,456.739	96
6914	33 41W 6	3245	3,338.897	93
6915	33 42W 6	3340	3,435.676	95
6916	33 41W 5	3225	3,324.955	99
6917	33 42W 5	3325	3,416.049	91
6918	33 41W 4	3205	3,308.099	103
6919	33 42W 4	3315	3,398.871	83
6920	33 41W 3	3185	3,286.527	101
6921	33 42W 3	3290	3,382.414	92
6922	33 41W 2	3170	3,236.998	66
6923	33 42W 2	3280	3,365.188	85
6924	33 41W 1	3155	3,217.443	62
6925	33 39W 5	2895	3,137.329	242
6926	33 42W 1	3265	3,350.838	85
6927	33 40W 6	3120	3,203.174	83
6928	33 39W 4	2880	3,132.138	252
6929	33 40W 5	3085	3,192.906	107
6930	33 39W 3	2865	3,128.383	263
6931	33 39W 2	2845	3,126.807	281
6932	33 40W 4	3055	3,183.854	128
6933	33 39W 1	2835	3,122.734	287
6934	33 40W 3	3000	3,172.135	172
6935	33 38W 6	2815	3,111.076	296
6936	33 40W 2	2980	3,161.247	181
6937	33 38W 5	2790	3,089.948	299
6938	33 40W 1	2960	3,151.945	191
6939	33 38W 4	2740	3,054.509	314
6940	33 39W 6	2930	3,144.297	214
6941	33 38W 3	2710	3,026.102	316
6942	33 37W 3	2545	3,006.026	461
6943	33 37W 2	2495	2,994.913	499
6944	33 37W 1	2495	2,968.129	473
6945	33 36W 6	2525	2,932.531	407
6946	33 36W 5	2600	2,911.731	311
6947	33 36W 4	2645	2,892.877	247

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6948	33 38W 2	2685	3,017.995	332
6949	33 38W 1	2660	3,022.248	362
6950	33 37W 6	2640	3,017.533	377
6951	33 37W 5	2620	3,014.681	394
6952	33 37W 4	2600	3,011.555	411
6953	33 34W 2	2380	2,713.349	333
6954	33 34W 1	2365	2,699.954	334
6955	33 33W 6	2310	2,684.805	374
6956	33 33W 5	2345	2,669.402	324
6957	33 33W 4	2335	2,656.840	321
6958	33 33W 3	2335	2,644.259	309
6959	33 31W 5	2290	2,564.343	274
6960	33 33W 2	2340	2,631.633	291
6961	33 31W 6	2320	2,569.957	249
6962	33 33W 1	2335	2,621.521	286
6963	33 32W 1	2340	2,575.910	235
6964	33 32W 6	2335	2,612.341	277
6965	33 32W 2	2375	2,582.223	207
6966	33 32W 5	2345	2,603.931	258
6967	33 32W 3	2405	2,588.943	183
6968	33 32W 4	2400	2,596.154	196
6969	33 36W 3	2645	2,877.040	232
6970	33 28W 5	2070	2,415.845	345
6971	33 36W 2	2560	2,867.405	307
6972	33 28W 6	2070	2,444.499	374
6973	33 36W 1	2510	2,868.666	358
6974	33 29W 1	2110	2,470.721	360
6975	33 35W 6	2485	2,865.045	380
6976	33 29W 2	2140	2,490.446	350
6977	33 35W 5	2470	2,854.615	384
6978	33 29W 3	2205	2,503.958	298
6979	33 35W 4	2460	2,843.121	383
6980	33 29W 4	2210	2,515.365	305
6981	33 35W 3	2440	2,827.789	387
6982	33 29W 5	2210	2,524.068	314
6983	33 35W 2	2430	2,802.957	372
6984	33 29W 6	2210	2,529.503	319
6985	33 35W 1	2420	2,779.649	359
6986	33 30W 1	2195	2,532.024	337
6987	33 34W 6	2410	2,763.487	353
6988	33 30W 2	2215	2,533.194	318
6989	33 34W 5	2390	2,752.846	362
6990	33 30W 3	2220	2,534.571	314
6991	33 34W 4	2390	2,739.945	349

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
6992	33 30W 4	2235	2,537.579	302
6993	33 34W 3	2390	2,727.688	337
6994	33 30W 5	2235	2,540.551	305
6995	33 30W 6	2235	2,542.153	307
6996	33 31W 1	2240	2,545.112	305
6997	33 31W 2	2250	2,548.887	298
6998	33 31W 3	2265	2,553.372	288
6999	33 31W 4	2270	2,558.888	288
7000	33 28W 4	2360	2,397.265	37
7001	33 43W 7	3495	3,551.885	56
7002	33 43W 8	3465	3,533.570	68
7003	33 43W 9	3440	3,525.578	85
7004	33 43W 10	3420	3,506.709	86
7005	33 43W 11	3390	3,488.321	98
7006	33 43W 12	3370	3,468.942	98
7007	33 42W 7	3360	3,450.513	90
7008	33 42W 8	3330	3,432.164	102
7009	33 42W 9	3310	3,414.420	104
7010	33 42W 10	3290	3,394.748	104
7011	33 42W 11	3280	3,374.698	94
7012	33 41W 12	3140	3,223.031	83
7013	33 42W 12	3265	3,356.209	91
7014	33 40W 7	3115	3,211.458	96
7015	33 41W 7	3240	3,342.760	102
7016	33 40W 8	3080	3,203.745	123
7017	33 41W 8	3220	3,327.585	107
7018	33 40W 9	3045	3,196.490	151
7019	33 39W 12	2840	3,115.743	275
7020	33 41W 9	3195	3,309.214	114
7021	33 40W 10	2995	3,185.308	190
7022	33 38W 7	2820	3,098.466	278
7023	33 40W 11	2985	3,174.357	189
7024	33 41W 10	3185	3,286.673	101
7025	33 40W 12	2965	3,164.528	199
7026	33 41W 11	3165	3,242.396	77
7027	33 39W 7	2940	3,155.951	215
7028	33 39W 8	2905	3,148.817	243
7029	33 39W 9	2885	3,148.201	263
7030	33 39W 10	2870	3,138.938	268
7031	33 39W 11	2860	3,128.151	268
7032	33 38W 8	2805	3,073.926	268
7033	33 38W 9	2740	3,037.639	297
7034	33 38W 10	2710	3,018.862	308
7035	33 38W 11	2675	3,012.051	337

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7036	33 38W 12	2645	3,016.426	371
7037	33 37W 7	2615	3,017.807	402
7038	33 37W 8	2590	3,013.689	423
7039	33 37W 9	2555	3,009.806	454
7040	33 37W 10	2530	3,004.330	474
7041	33 37W 11	2505	2,991.423	486
7042	33 37W 12	2490	2,963.563	473
7043	33 33W 12	2300	2,617.574	317
7044	33 32W 7	2290	2,608.319	318
7045	33 32W 8	2295	2,599.786	304
7046	33 36W 7	2540	2,940.422	400
7047	33 36W 8	2590	2,920.038	330
7048	33 36W 9	2645	2,901.115	256
7049	33 36W 10	2645	2,884.480	239
7050	33 36W 11	2560	2,872.687	312
7051	33 36W 12	2520	2,870.679	350
7052	33 29W 12	2095	2,447.000	352
7053	33 35W 7	2490	2,862.610	372
7054	33 29W 11	2125	2,468.396	343
7055	33 35W 8	2440	2,853.572	413
7056	33 29W 10	2165	2,483.010	318
7057	33 35W 9	2410	2,843.525	433
7058	33 29W 9	2210	2,495.926	285
7059	33 35W 10	2395	2,830.438	435
7060	33 29W 8	2210	2,506.758	296
7061	33 35W 11	2395	2,810.838	415
7062	33 29W 7	2210	2,515.147	305
7063	33 30W 12	2210	2,520.853	310
7064	33 34W 7	2390	2,784.344	394
7065	33 30W 11	2190	2,524.476	334
7066	33 34W 8	2385	2,774.891	389
7067	33 30W 10	2210	2,527.597	317
7068	33 34W 9	2385	2,761.220	376
7069	33 30W 9	2215	2,531.800	316
7070	33 34W 10	2375	2,746.384	371
7071	33 30W 8	2220	2,535.628	315
7072	33 34W 11	2370	2,726.979	356
7073	33 30W 7	2225	2,538.870	313
7074	33 34W 12	2365	2,702.313	337
7075	33 31W 12	2230	2,541.874	311
7076	33 33W 7	2355	2,678.093	323
7077	33 31W 11	2235	2,544.884	309
7078	33 33W 8	2340	2,661.494	321
7079	33 31W 10	2240	2,548.949	308

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7080	33 33W 9	2335	2,648.244	313
7081	33 31W 9	2255	2,554.072	299
7082	33 33W 10	2315	2,635.981	320
7083	33 31W 8	2270	2,559.618	289
7084	33 33W 11	2310	2,626.295	316
7085	33 31W 7	2285	2,565.337	280
7086	33 32W 12	2305	2,571.317	266
7087	33 32W 11	2340	2,577.615	237
7088	33 32W 10	2405	2,584.319	179
7089	33 32W 9	2350	2,591.545	241
7090	33 28W 8	2115	2,396.381	281
7091	33 28W 7	2100	2,420.469	320
7092	33 35W 12	2395	2,792.351	397
7093	33 43W 18	3510	3,552.150	42
7094	33 43W 17	3490	3,534.868	44
7095	33 43W 16	3460	3,527.804	67
7096	33 43W 15	3435	3,506.684	71
7097	33 43W 14	3405	3,490.587	85
7098	33 43W 13	3385	3,476.264	91
7099	33 42W 18	3365	3,460.322	95
7100	33 41W 17	3225	3,331.970	106
7101	33 42W 17	3350	3,443.190	93
7102	33 41W 16	3205	3,313.023	108
7103	33 42W 16	3325	3,425.497	100
7104	33 41W 15	3185	3,290.482	105
7105	33 42W 15	3295	3,406.567	111
7106	33 41W 14	3165	3,253.930	88
7107	33 42W 14	3285	3,386.271	101
7108	33 41W 13	3135	3,235.291	100
7109	33 39W 17	2905	3,167.613	262
7110	33 42W 13	3265	3,365.513	100
7111	33 40W 18	3100	3,223.143	123
7112	33 39W 16	2885	3,153.060	268
7113	33 41W 18	3245	3,346.651	101
7114	33 40W 17	3065	3,215.944	150
7115	33 39W 15	2875	3,136.485	261
7116	33 39W 14	2865	3,117.405	252
7117	33 40W 16	3030	3,209.285	179
7118	33 39W 13	2850	3,097.761	247
7119	33 40W 15	2990	3,198.500	208
7120	33 38W 18	2825	3,077.850	252
7121	33 40W 14	2980	3,187.461	207
7122	33 38W 17	2790	3,055.823	265
7123	33 40W 13	2965	3,176.474	211

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7124	33 38W 16	2735	3,027.832	292
7125	33 38W 15	2700	3,015.157	315
7126	33 39W 18	2940	3,172.374	232
7127	33 37W 14	2510	2,988.625	478
7128	33 37W 13	2490	2,966.731	476
7129	33 36W 18	2500	2,946.764	446
7130	33 36W 17	2565	2,926.932	361
7131	33 38W 14	2665	3,010.837	345
7132	33 38W 13	2635	3,015.462	380
7133	33 37W 18	2600	3,017.789	417
7134	33 37W 17	2560	3,013.299	453
7135	33 37W 16	2540	3,009.526	469
7136	33 37W 15	2525	3,003.214	478
7137	33 34W 13	2360	2,693.706	333
7138	33 33W 18	2350	2,669.776	319
7139	33 33W 17	2335	2,652.744	317
7140	33 33W 16	2325	2,638.197	313
7141	33 31W 16	2225	2,547.482	322
7142	33 33W 15	2315	2,628.359	313
7143	33 31W 17	2235	2,553.625	318
7144	33 33W 14	2265	2,621.448	356
7145	33 31W 18	2240	2,559.483	319
7146	33 33W 13	2240	2,612.430	372
7147	33 32W 13	2250	2,564.656	314
7148	33 32W 18	2255	2,602.899	347
7149	33 32W 14	2260	2,570.429	310
7150	33 32W 17	2215	2,593.097	378
7151	33 32W 15	2260	2,576.965	316
7152	33 32W 16	2215	2,584.461	369
7153	33 36W 16	2650	2,908.605	258
7154	33 36W 15	2645	2,891.737	246
7155	33 28W 17	2140	2,379.985	239
7156	33 36W 14	2585	2,877.866	292
7157	33 28W 18	2160	2,400.122	240
7158	33 36W 13	2540	2,870.630	330
7159	33 29W 13	2160	2,421.847	261
7160	33 35W 18	2510	2,860.304	350
7161	33 29W 14	2145	2,443.919	298
7162	33 35W 17	2450	2,853.057	403
7163	33 29W 15	2165	2,459.136	294
7164	33 35W 16	2400	2,844.614	444
7165	33 29W 16	2205	2,473.222	268
7166	33 35W 15	2395	2,833.145	438
7167	33 29W 17	2210	2,485.977	275

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7168	33 35W 14	2395	2,818.514	423
7169	33 29W 18	2210	2,497.126	287
7170	33 35W 13	2390	2,807.820	417
7171	33 30W 13	2210	2,506.405	296
7172	33 34W 18	2390	2,803.087	413
7173	33 30W 14	2195	2,514.104	319
7174	33 34W 17	2375	2,790.867	415
7175	33 30W 15	2175	2,519.790	344
7176	33 34W 16	2365	2,774.576	409
7177	33 30W 16	2205	2,525.417	320
7178	33 34W 15	2365	2,752.667	387
7179	33 30W 17	2210	2,530.643	320
7180	33 34W 14	2365	2,722.569	357
7181	33 30W 18	2215	2,534.697	319
7182	33 31W 13	2215	2,537.608	322
7183	33 31W 14	2215	2,539.560	324
7184	33 31W 15	2220	2,542.391	322
7185	33 43W 21	3480	3,526.195	46
7186	33 43W 22	3455	3,504.709	49
7187	33 43W 23	3425	3,479.659	54
7188	33 43W 24	3395	3,467.768	72
7189	33 43W 19	3520	3,549.990	-99
7190	33 42W 19	3385	3,460.451	75
7191	33 43W 20	3505	3,533.957	-99
7192	33 42W 20	3365	3,447.290	82
7193	33 42W 21	3350	3,430.504	80
7194	33 42W 22	3320	3,412.952	92
7195	33 42W 23	3295	3,394.065	99
7196	33 42W 24	3275	3,372.538	97
7197	33 40W 19	3090	3,237.344	147
7198	33 41W 19	3260	3,352.299	92
7199	33 40W 20	3060	3,227.508	167
7200	33 41W 20	3235	3,335.842	100
7201	33 40W 21	3010	3,219.519	209
7202	33 39W 24	2840	3,090.220	250
7203	33 40W 22	2985	3,208.873	223
7204	33 41W 21	3215	3,317.926	102
7205	33 40W 23	2965	3,197.192	232
7206	33 41W 22	3190	3,292.965	102
7207	33 40W 24	2950	3,191.737	241
7208	33 41W 23	3160	3,268.441	108
7209	33 39W 19	2905	3,182.072	277
7210	33 41W 24	3120	3,251.628	131
7211	33 39W 20	2890	3,170.317	280

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7212	33 39W 21	2885	3,155.196	270
7213	33 39W 22	2870	3,138.671	268
7214	33 39W 23	2860	3,116.001	256
7215	33 38W 19	2810	3,065.424	255
7216	33 38W 20	2760	3,043.460	283
7217	33 38W 21	2715	3,023.246	308
7218	33 38W 22	2685	3,013.994	328
7219	33 38W 23	2660	3,010.601	350
7220	33 38W 24	2615	3,016.460	401
7221	33 37W 19	2585	3,017.996	432
7222	33 37W 20	2550	3,014.485	464
7223	33 37W 21	2535	3,011.606	476
7224	33 37W 22	2525	3,004.188	479
7225	33 37W 23	2515	2,988.452	473
7226	33 37W 24	2500	2,970.179	470
7227	33 33W 23	2305	2,618.402	313
7228	33 33W 24	2245	2,606.760	361
7229	33 32W 19	2200	2,595.777	395
7230	33 32W 20	2195	2,586.614	391
7231	33 32W 21	2190	2,577.541	387
7232	33 36W 19	2495	2,951.101	456
7233	33 36W 20	2550	2,931.886	381
7234	33 36W 21	2665	2,913.417	248
7235	33 36W 22	2645	2,896.484	251
7236	33 36W 23	2610	2,880.880	270
7237	33 36W 24	2560	2,869.634	309
7238	33 29W 24	2210	2,404.647	194
7239	33 35W 19	2520	2,859.822	339
7240	33 29W 23	2210	2,423.003	213
7241	33 35W 20	2475	2,853.395	378
7242	33 29W 22	2175	2,438.399	263
7243	33 35W 21	2455	2,846.296	391
7244	33 29W 21	2205	2,453.321	248
7245	33 35W 22	2450	2,836.378	386
7246	33 29W 20	2210	2,467.614	257
7247	33 29W 19	2210	2,480.958	270
7248	33 30W 24	2210	2,492.936	282
7249	33 30W 23	2180	2,503.757	323
7250	33 34W 20	2370	2,796.994	426
7251	33 30W 22	2145	2,512.232	367
7252	33 34W 21	2355	2,780.264	425
7253	33 30W 21	2170	2,519.323	349
7254	33 34W 22	2340	2,754.105	414
7255	33 30W 20	2185	2,525.277	340

Appendix V (cont.)
 Saturated Thickness Values
 Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7256	33 34W 23	2355	2,723.719	368
7257	33 30W 19	2190	2,528.976	338
7258	33 34W 24	2360	2,694.511	334
7259	33 31W 24	2190	2,530.710	340
7260	33 33W 19	2355	2,671.316	316
7261	33 31W 23	2190	2,531.959	341
7262	33 33W 20	2345	2,652.858	307
7263	33 31W 22	2195	2,534.314	339
7264	33 33W 21	2355	2,637.496	282
7265	33 31W 21	2195	2,538.399	343
7266	33 33W 22	2355	2,627.541	272
7267	33 31W 20	2195	2,543.980	348
7268	33 31W 19	2200	2,550.863	350
7269	33 32W 24	2195	2,557.544	362
7270	33 32W 23	2195	2,563.637	368
7271	33 32W 22	2195	2,569.712	374
7272	33 28W 19	2205	2,379.829	174
7273	33 35W 23	2445	2,824.751	379
7274	33 35W 24	2415	2,816.688	401
7275	33 34W 19	2395	2,810.425	415
7276	33 43W 30	3535	3,545.706	-99
7277	33 43W 29	3515	3,530.945	-99
7278	33 43W 28	3505	3,522.596	-99
7279	33 43W 27	3480	3,500.784	20
7280	33 43W 26	3450	3,473.172	23
7281	33 43W 25	3420	3,449.766	29
7282	33 42W 30	3390	3,441.045	51
7283	33 42W 29	3385	3,435.777	50
7284	33 42W 28	3365	3,424.113	59
7285	33 41W 27	3200	3,298.994	98
7286	33 42W 27	3340	3,409.752	69
7287	33 41W 26	3155	3,280.038	125
7288	33 42W 26	3310	3,394.161	84
7289	33 41W 25	3115	3,264.520	149
7290	33 39W 29	2895	3,173.698	278
7291	33 42W 25	3290	3,375.867	85
7292	33 40W 30	3080	3,251.147	171
7293	33 39W 28	2905	3,159.805	254
7294	33 41W 30	3270	3,356.183	86
7295	33 40W 29	3050	3,239.306	189
7296	33 39W 27	2870	3,144.375	274
7297	33 41W 29	3250	3,337.023	87
7298	33 39W 26	2830	3,122.226	292
7299	33 40W 28	2995	3,228.328	233

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7300	33 39W 25	2790	3,094.870	304
7301	33 40W 27	2975	3,217.471	242
7302	33 41W 28	3225	3,320.017	95
7303	33 38W 30	2740	3,066.890	326
7304	33 40W 26	2955	3,206.974	251
7305	33 38W 29	2695	3,041.811	346
7306	33 40W 25	2910	3,197.533	287
7307	33 38W 28	2685	3,022.690	337
7308	33 39W 30	2890	3,187.601	297
7309	33 37W 26	2515	2,989.425	474
7310	33 37W 25	2500	2,971.492	471
7311	33 36W 30	2490	2,952.427	462
7312	33 36W 29	2550	2,933.399	383
7313	33 38W 27	2665	3,015.571	350
7314	33 38W 26	2650	3,012.982	362
7315	33 38W 25	2600	3,015.042	415
7316	33 37W 30	2580	3,016.298	436
7317	33 37W 29	2560	3,017.067	457
7318	33 37W 28	2540	3,014.743	474
7319	33 37W 27	2535	3,006.071	471
7320	33 34W 25	2340	2,708.124	368
7321	33 33W 30	2355	2,681.338	326
7322	33 33W 29	2355	2,659.651	304
7323	33 33W 28	2355	2,644.513	289
7324	33 31W 28	2170	2,531.538	361
7325	33 33W 27	2355	2,632.715	277
7326	33 31W 29	2165	2,536.391	371
7327	33 33W 26	2345	2,620.688	275
7328	33 31W 30	2165	2,542.096	377
7329	33 33W 25	2310	2,605.515	295
7330	33 32W 25	2170	2,549.257	379
7331	33 32W 30	2275	2,591.190	316
7332	33 32W 26	2180	2,556.961	376
7333	33 32W 29	2240	2,580.855	340
7334	33 32W 27	2190	2,564.844	374
7335	33 32W 28	2195	2,572.247	377
7336	33 36W 28	2680	2,914.323	234
7337	33 36W 27	2645	2,897.711	252
7338	33 36W 26	2620	2,882.838	262
7339	33 28W 30	2210	2,364.615	154
7340	33 36W 25	2560	2,869.699	309
7341	33 29W 25	2200	2,387.997	187
7342	33 35W 30	2510	2,860.030	350
7343	33 29W 26	2185	2,403.850	218

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7344	33 35W 29	2480	2,853.594	373
7345	33 29W 27	2175	2,420.591	245
7346	33 35W 28	2460	2,846.698	386
7347	33 29W 28	2210	2,436.737	226
7348	33 35W 27	2455	2,837.899	382
7349	33 29W 29	2210	2,452.881	242
7350	33 35W 26	2435	2,827.715	392
7351	33 29W 30	2185	2,468.340	283
7352	33 35W 25	2420	2,821.270	401
7353	33 30W 25	2175	2,482.412	307
7354	33 34W 30	2395	2,813.704	418
7355	33 30W 26	2150	2,494.540	344
7356	33 34W 29	2355	2,802.675	447
7357	33 30W 27	2135	2,505.001	370
7358	33 34W 28	2325	2,789.440	464
7359	33 30W 28	2150	2,512.959	362
7360	33 34W 27	2320	2,771.768	451
7361	33 30W 29	2160	2,518.927	358
7362	33 34W 26	2330	2,742.088	412
7363	33 30W 30	2170	2,522.074	352
7364	33 31W 25	2175	2,523.319	348
7365	33 31W 26	2170	2,524.469	354
7366	33 31W 27	2170	2,527.041	357
7367	33 43W 35	3470	3,467.078	-3
7368	33 43W 36	3440	3,443.463	-99
7369	33 43W 31	3535	3,539.120	-99
7370	33 42W 31	3410	3,424.769	14
7371	33 43W 32	3520	3,525.633	-99
7372	33 42W 32	3385	3,414.219	29
7373	33 43W 33	3510	3,516.163	-99
7374	33 42W 33	3375	3,402.347	27
7375	33 43W 34	3500	3,495.046	-5
7376	33 42W 34	3360	3,390.300	30
7377	33 42W 35	3340	3,378.247	38
7378	33 42W 36	3310	3,365.569	55
7379	33 41W 31	3280	3,351.377	71
7380	33 40W 32	3030	3,244.916	214
7381	33 41W 32	3260	3,335.118	75
7382	33 40W 33	2990	3,233.935	243
7383	33 41W 33	3230	3,317.591	87
7384	33 40W 34	2965	3,222.678	257
7385	33 40W 35	2945	3,211.537	266
7386	33 41W 34	3200	3,299.567	99
7387	33 40W 36	2905	3,200.920	295

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7388	33 41W 35	3145	3,283.672	138
7389	33 39W 31	2925	3,189.854	264
7390	33 41W 36	3105	3,269.395	164
7391	33 39W 32	2910	3,176.936	266
7392	33 40W 31	3070	3,256.621	186
7393	33 39W 33	2875	3,165.641	290
7394	33 39W 34	2750	3,150.982	400
7395	33 39W 35	2700	3,130.600	430
7396	33 39W 36	2695	3,104.037	409
7397	33 38W 31	2690	3,075.156	385
7398	33 38W 32	2680	3,050.203	370
7399	33 38W 33	2665	3,031.612	366
7400	33 38W 34	2680	3,021.167	341
7401	33 38W 35	2635	3,016.930	381
7402	33 38W 36	2590	3,012.093	422
7403	33 37W 31	2580	3,016.435	436
7404	33 37W 32	2565	3,020.926	455
7405	33 37W 33	2545	3,017.888	472
7406	33 37W 34	2530	3,007.153	477
7407	33 37W 35	2505	2,989.895	484
7408	33 37W 36	2490	2,972.509	482
7409	33 33W 35	2325	2,628.486	303
7410	33 33W 36	2315	2,609.466	294
7411	33 32W 31	2300	2,592.534	292
7412	33 32W 35	2115	2,551.930	436
7413	33 32W 32	2255	2,578.686	323
7414	33 32W 34	2190	2,560.417	370
7415	33 32W 33	2220	2,568.721	348
7416	33 36W 31	2485	2,953.780	468
7417	33 36W 32	2525	2,934.595	409
7418	33 36W 33	2595	2,915.488	320
7419	33 36W 34	2650	2,898.142	248
7420	33 36W 35	2600	2,883.113	283
7421	33 28W 31	2160	2,354.931	194
7422	33 36W 36	2525	2,868.526	343
7423	33 29W 36	2150	2,373.951	223
7424	33 35W 31	2460	2,857.396	397
7425	33 29W 35	2160	2,390.390	230
7426	33 35W 32	2420	2,847.918	427
7427	33 29W 34	2165	2,407.194	242
7428	33 35W 33	2395	2,841.039	446
7429	33 29W 33	2205	2,425.362	220
7430	33 29W 32	2210	2,442.583	232
7431	33 29W 31	2165	2,459.176	294

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7432	33 30W 36	2140	2,474.409	334
7433	33 30W 35	2135	2,487.674	352
7434	33 34W 32	2315	2,807.756	492
7435	33 30W 34	2120	2,499.249	379
7436	33 34W 33	2285	2,796.614	511
7437	33 30W 33	2135	2,508.093	373
7438	33 34W 34	2260	2,785.331	525
7439	33 30W 32	2140	2,514.249	374
7440	33 34W 35	2310	2,766.142	456
7441	33 30W 31	2150	2,517.136	367
7442	33 34W 36	2325	2,734.832	409
7443	33 31W 36	2145	2,518.120	373
7444	33 33W 31	2315	2,703.679	388
7445	33 31W 35	2140	2,519.255	379
7446	33 33W 32	2300	2,682.009	382
7447	33 31W 34	2135	2,522.101	387
7448	33 33W 33	2325	2,665.215	340
7449	33 31W 33	2135	2,526.416	391
7450	33 33W 34	2320	2,648.393	328
7451	33 31W 32	2110	2,531.297	421
7452	33 31W 31	2085	2,536.848	451
7453	33 32W 36	2105	2,543.831	438
7454	33 35W 34	2390	2,833.858	443
7455	33 35W 35	2385	2,826.465	441
7456	33 35W 36	2375	2,821.191	446
7457	33 34W 31	2350	2,815.561	465
7458	34 43W 6	3535	3,531.880	-4
7459	34 43W 5	3525	3,519.218	-6
7460	34 43W 4	3515	3,508.317	-7
7461	34 43W 3	3505	3,488.512	-17
7462	34 43W 2	3485	3,460.690	-25
7463	34 43W 1	3460	3,438.039	-22
7464	34 42W 6	3425	3,419.767	-6
7465	34 42W 5	3390	3,404.890	-99
7466	34 42W 4	3390	3,391.061	-99
7467	34 41W 3	3185	3,294.336	109
7468	34 42W 3	3390	3,379.039	-11
7469	34 41W 2	3140	3,278.749	138
7470	34 42W 2	3360	3,368.432	8
7471	34 41W 1	3095	3,264.499	169
7472	34 39W 5	2830	3,177.479	347
7473	34 42W 1	3330	3,357.890	27
7474	34 40W 6	3055	3,252.198	197
7475	34 39W 4	2705	3,168.885	463

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7476	34 41W 6	3295	3,345.701	50
7477	34 40W 5	3010	3,241.457	231
7478	34 39W 3	2705	3,155.410	450
7479	34 41W 5	3260	3,330.462	70
7480	34 39W 2	2710	3,136.240	426
7481	34 40W 4	2985	3,231.137	246
7482	34 39W 1	2695	3,114.445	419
7483	34 41W 4	3220	3,310.891	90
7484	34 40W 3	2955	3,221.135	266
7485	34 38W 6	2690	3,091.675	401
7486	34 40W 2	2945	3,209.962	264
7487	34 38W 5	2685	3,068.884	383
7488	34 40W 1	2955	3,198.492	243
7489	34 38W 4	2665	3,048.189	383
7490	34 39W 6	2950	3,187.037	237
7491	34 37W 1	2485	2,971.759	486
7492	34 36W 6	2475	2,954.028	479
7493	34 38W 3	2655	3,032.092	377
7494	34 38W 2	2600	3,020.247	420
7495	34 38W 1	2585	3,013.309	428
7496	34 37W 6	2565	3,019.104	454
7497	34 37W 5	2550	3,024.879	474
7498	34 37W 4	2510	3,020.227	510
7499	34 37W 3	2495	3,007.037	512
7500	34 34W 1	2315	2,758.115	443
7501	34 37W 2	2490	2,989.810	499
7502	34 33W 6	2315	2,729.137	414
7503	34 33W 5	2290	2,707.936	417
7504	34 33W 4	2280	2,685.850	405
7505	34 31W 4	2090	2,521.748	431
7506	34 33W 3	2285	2,659.737	374
7507	34 31W 5	2050	2,525.309	475
7508	34 33W 2	2280	2,635.673	355
7509	34 31W 6	2050	2,531.082	481
7510	34 33W 1	2260	2,614.807	354
7511	34 32W 1	2110	2,538.242	428
7512	34 32W 6	2220	2,596.605	376
7513	34 32W 2	2165	2,546.485	381
7514	34 32W 5	2185	2,579.358	394
7515	34 32W 3	2170	2,555.421	385
7516	34 32W 4	2155	2,566.724	411
7517	34 36W 5	2470	2,935.768	465
7518	34 36W 4	2450	2,916.579	466
7519	34 36W 3	2440	2,897.814	457

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7520	34 36W 2	2465	2,876.866	411
7521	34 36W 1	2500	2,848.065	348
7522	34 29W 1	2110	2,355.985	245
7523	34 35W 6	2395	2,837.309	442
7524	34 29W 2	2115	2,376.483	261
7525	34 35W 5	2355	2,839.480	484
7526	34 29W 3	2125	2,395.004	270
7527	34 35W 4	2340	2,837.122	497
7528	34 29W 4	2160	2,414.243	254
7529	34 35W 3	2310	2,831.025	521
7530	34 29W 5	2165	2,432.591	267
7531	34 35W 2	2300	2,825.672	525
7532	34 29W 6	2120	2,450.325	330
7533	34 35W 1	2290	2,821.428	531
7534	34 30W 1	2100	2,466.717	366
7535	34 34W 6	2275	2,817.523	542
7536	34 30W 2	2100	2,481.150	381
7537	34 34W 5	2250	2,812.465	562
7538	34 30W 3	2110	2,493.962	383
7539	34 34W 4	2245	2,804.183	559
7540	34 30W 4	2110	2,503.908	393
7541	34 34W 3	2245	2,794.713	549
7542	34 30W 5	2120	2,510.601	390
7543	34 34W 2	2290	2,781.542	491
7544	34 30W 6	2135	2,513.728	378
7545	34 31W 1	2115	2,514.912	399
7546	34 31W 2	2120	2,516.149	396
7547	34 31W 3	2110	2,517.769	407
7548	34 43W 12	3450	3,434.254	-16
7549	34 43W 7	3520	3,524.104	-99
7550	34 42W 7	3425	3,416.834	-9
7551	34 43W 8	3515	3,511.531	-4
7552	34 42W 8	3405	3,408.101	-99
7553	34 43W 9	3510	3,499.039	-11
7554	34 42W 9	3410	3,402.228	-8
7555	34 43W 10	3490	3,480.980	-10
7556	34 43W 11	3465	3,454.920	-11
7557	34 41W 7	3305	3,349.354	44
7558	34 41W 8	3250	3,315.930	65
7559	34 40W 9	2985	3,222.972	237
7560	34 40W 10	2965	3,213.113	248
7561	34 41W 9	3200	3,282.708	82
7562	34 40W 11	2955	3,202.898	247
7563	34 41W 10	3155	3,278.799	123

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7564	34 42W 10	3405	3,395.913	-10
7565	34 40W 12	2900	3,192.566	292
7566	34 41W 11	3120	3,264.762	144
7567	34 42W 11	3380	3,385.156	5
7568	34 39W 7	2825	3,181.115	356
7569	34 41W 12	3080	3,253.787	173
7570	34 39W 8	2760	3,171.019	411
7571	34 42W 12	3340	3,369.972	29
7572	34 40W 7	3035	3,243.174	208
7573	34 39W 9	2735	3,164.095	429
7574	34 39W 10	2735	3,154.240	419
7575	34 40W 8	2995	3,231.952	236
7576	34 39W 11	2740	3,138.918	398
7577	34 39W 12	2740	3,118.922	378
7578	34 38W 7	2705	3,096.435	391
7579	34 38W 8	2690	3,073.124	383
7580	34 38W 9	2675	3,051.594	376
7581	34 38W 10	2655	3,034.374	379
7582	34 38W 11	2610	3,021.919	411
7583	34 38W 12	2585	3,015.776	430
7584	34 37W 8	2525	3,026.622	501
7585	34 37W 9	2495	3,021.097	526
7586	34 37W 10	2490	3,006.060	516
7587	34 37W 11	2485	2,989.471	504
7588	34 37W 12	2470	2,971.614	501
7589	34 33W 10	2240	2,668.057	428
7590	34 33W 11	2220	2,642.846	422
7591	34 33W 12	2190	2,620.371	430
7592	34 32W 12	2145	2,532.429	387
7593	34 32W 7	2145	2,601.364	456
7594	34 32W 11	2155	2,541.617	386
7595	34 32W 8	2145	2,582.585	437
7596	34 32W 10	2145	2,552.581	407
7597	34 32W 9	2145	2,566.823	421
7598	34 36W 7	2460	2,953.686	493
7599	34 36W 8	2430	2,934.966	504
7600	34 36W 9	2405	2,915.678	510
7601	34 36W 10	2390	2,896.184	506
7602	34 36W 11	2405	2,868.359	463
7603	34 36W 12	2445	2,841.084	396
7604	34 35W 7	2360	2,828.820	468
7605	34 29W 11	2060	2,358.141	298
7606	34 35W 8	2290	2,827.908	537
7607	34 29W 10	2090	2,379.006	289

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7608	34 37W 7	2560	3,023.960	463
7609	34 29W 9	2125	2,403.350	278
7610	34 29W 8	2140	2,423.587	283
7611	34 29W 7	2095	2,442.221	347
7612	34 30W 12	2090	2,459.536	369
7613	34 30W 11	2090	2,474.951	384
7614	34 34W 8	2245	2,815.892	570
7615	34 30W 10	2090	2,488.227	398
7616	34 34W 9	2240	2,809.299	569
7617	34 30W 9	2090	2,499.996	409
7618	34 34W 10	2235	2,800.694	565
7619	34 30W 8	2100	2,507.651	407
7620	34 34W 11	2270	2,788.567	518
7621	34 30W 7	2115	2,511.777	396
7622	34 34W 12	2310	2,768.778	458
7623	34 31W 12	2125	2,513.630	388
7624	34 33W 7	2320	2,745.662	425
7625	34 31W 11	2120	2,513.408	393
7626	34 33W 8	2300	2,721.142	421
7627	34 31W 10	2100	2,514.141	414
7628	34 33W 9	2260	2,695.104	435
7629	34 31W 9	2080	2,517.100	437
7630	34 31W 8	2090	2,518.336	428
7631	34 31W 7	2110	2,524.272	414
7632	34 35W 9	2265	2,832.488	567
7633	34 35W 10	2255	2,831.643	576
7634	34 35W 11	2245	2,826.993	581
7635	34 35W 12	2245	2,823.276	578
7636	34 34W 7	2245	2,820.079	575
7637	34 43W 17	3505	3,504.400	-1
7638	34 43W 16	3480	3,490.738	-99
7639	34 43W 15	3450	3,474.177	-99
7640	34 43W 14	3445	3,450.574	-99
7641	34 43W 13	3440	3,431.694	-9
7642	34 43W 18	3510	3,517.752	-99
7643	34 42W 18	3435	3,422.636	-13
7644	34 42W 17	3420	3,423.626	-99
7645	34 42W 16	3410	3,421.129	-99
7646	34 42W 15	3405	3,410.887	-99
7647	34 41W 14	3090	3,242.154	152
7648	34 42W 14	3370	3,393.050	23
7649	34 41W 13	3060	3,234.619	174
7650	34 39W 17	2775	3,163.040	388
7651	34 42W 13	3325	3,366.564	41

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7652	34 40W 18	3020	3,228.572	208
7653	34 39W 16	2765	3,153.729	388
7654	34 41W 18	3225	3,317.915	92
7655	34 40W 17	2985	3,221.449	236
7656	34 39W 15	2765	3,143.359	378
7657	34 41W 17	3210	3,265.154	55
7658	34 39W 14	2765	3,131.984	366
7659	34 40W 16	2965	3,213.355	248
7660	34 39W 13	2760	3,117.239	357
7661	34 40W 15	2905	3,204.767	299
7662	34 41W 16	3160	3,231.139	71
7663	34 38W 18	2755	3,096.017	341
7664	34 40W 14	2865	3,197.004	332
7665	34 41W 15	3125	3,247.795	122
7666	34 38W 17	2720	3,073.359	353
7667	34 40W 13	2835	3,185.282	350
7668	34 38W 16	2690	3,052.357	362
7669	34 39W 18	2800	3,171.303	371
7670	34 37W 13	2480	2,971.363	491
7671	34 36W 18	2445	2,953.167	508
7672	34 38W 15	2655	3,035.553	380
7673	34 38W 14	2620	3,023.789	403
7674	34 38W 13	2600	3,019.650	419
7675	34 37W 18	2575	3,021.560	446
7676	34 37W 17	2550	3,025.872	475
7677	34 37W 16	2545	3,020.387	475
7678	34 37W 15	2545	3,004.912	459
7679	34 34W 13	2300	2,772.832	472
7680	34 37W 14	2510	2,988.273	478
7681	34 33W 18	2310	2,751.054	441
7682	34 33W 17	2310	2,726.935	416
7683	34 31W 15	2115	2,511.185	396
7684	34 33W 16	2290	2,701.710	411
7685	34 31W 16	2085	2,513.329	428
7686	34 33W 15	2245	2,675.539	430
7687	34 31W 17	2090	2,512.485	422
7688	34 33W 14	2210	2,649.833	439
7689	34 31W 18	2110	2,518.570	408
7690	34 33W 13	2170	2,626.131	456
7691	34 32W 13	2115	2,527.356	412
7692	34 32W 18	2185	2,605.640	420
7693	34 32W 14	2120	2,538.015	418
7694	34 32W 17	2250	2,585.984	335
7695	34 32W 15	2150	2,552.503	402

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7696	34 32W 16	2225	2,569.288	344
7697	34 36W 17	2400	2,933.981	533
7698	34 36W 16	2360	2,913.136	553
7699	34 36W 15	2345	2,893.815	548
7700	34 36W 14	2345	2,866.015	521
7701	34 36W 13	2360	2,848.830	488
7702	34 35W 18	2315	2,837.226	522
7703	34 29W 14	2040	2,339.859	299
7704	34 35W 17	2280	2,830.933	550
7705	34 29W 15	2075	2,361.764	286
7706	34 35W 16	2260	2,833.259	573
7707	34 29W 16	2115	2,386.504	271
7708	34 35W 15	2255	2,834.779	579
7709	34 29W 17	2125	2,410.697	285
7710	34 35W 14	2280	2,830.690	550
7711	34 29W 18	2120	2,431.684	311
7712	34 35W 13	2315	2,826.672	511
7713	34 30W 13	2050	2,450.919	400
7714	34 34W 18	2400	2,823.232	423
7715	34 30W 14	2050	2,467.140	417
7716	34 34W 17	2455	2,818.870	363
7717	34 30W 15	2100	2,481.439	381
7718	34 34W 16	2300	2,812.684	512
7719	34 30W 16	2075	2,494.563	419
7720	34 34W 15	2220	2,804.328	584
7721	34 30W 17	2075	2,503.906	428
7722	34 34W 14	2255	2,792.138	537
7723	34 30W 18	2110	2,509.373	399
7724	34 31W 13	2140	2,510.590	370
7725	34 31W 14	2140	2,509.791	369
7726	34 43W 19	3480	3,512.944	-99
7727	34 43W 20	3450	3,497.739	47
7728	34 43W 21	3430	3,483.526	53
7729	34 43W 22	3420	3,467.811	47
7730	34 43W 23	3420	3,447.433	27
7731	34 43W 24	3415	3,435.792	20
7732	34 42W 19	3415	3,438.357	23
7733	34 41W 20	3160	3,221.732	61
7734	34 42W 20	3410	3,438.586	28
7735	34 41W 21	3130	3,188.569	58
7736	34 40W 22	2855	3,200.257	345
7737	34 42W 21	3405	3,428.563	23
7738	34 40W 23	2835	3,193.201	358
7739	34 41W 22	3095	3,207.709	112

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7740	34 42W 22	3380	3,409.133	29
7741	34 40W 24	2815	3,174.406	359
7742	34 41W 23	3070	3,218.054	148
7743	34 42W 23	3345	3,379.997	34
7744	34 39W 19	2795	3,158.610	363
7745	34 41W 24	3050	3,214.467	164
7746	34 39W 20	2790	3,150.694	360
7747	34 42W 24	3300	3,330.716	30
7748	34 40W 19	3015	3,212.730	197
7749	34 39W 21	2790	3,142.698	352
7750	34 41W 19	3225	3,270.955	45
7751	34 40W 20	2975	3,211.019	236
7752	34 39W 22	2790	3,133.648	343
7753	34 39W 23	2785	3,121.736	336
7754	34 40W 21	2920	3,206.469	286
7755	34 39W 24	2770	3,106.760	336
7756	34 38W 19	2755	3,089.545	334
7757	34 38W 20	2730	3,069.757	339
7758	34 38W 21	2705	3,050.527	345
7759	34 38W 22	2655	3,034.177	379
7760	34 38W 23	2635	3,024.419	389
7761	34 37W 20	2590	3,020.266	430
7762	34 37W 21	2590	3,017.162	427
7763	34 37W 22	2600	3,004.384	404
7764	34 37W 23	2560	2,988.200	428
7765	34 33W 22	2305	2,677.631	372
7766	34 33W 23	2275	2,653.369	378
7767	34 37W 24	2450	2,970.965	520
7768	34 31W 19	2095	2,514.320	419
7769	34 33W 24	2260	2,629.928	369
7770	34 32W 24	2095	2,524.368	429
7771	34 32W 19	2260	2,607.619	347
7772	34 32W 23	2120	2,537.104	417
7773	34 32W 20	2245	2,588.974	343
7774	34 32W 22	2175	2,553.317	378
7775	34 32W 21	2235	2,571.161	336
7776	34 36W 19	2415	2,950.140	535
7777	34 36W 20	2385	2,929.839	544
7778	34 36W 21	2350	2,912.436	562
7779	34 36W 22	2340	2,895.366	555
7780	34 36W 23	2335	2,877.491	542
7781	34 36W 24	2320	2,861.556	541
7782	34 38W 24	2615	3,021.593	406
7783	34 29W 22	2075	2,343.092	268

Appendix V (cont.)
 Saturated Thickness Values
 Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7784	34 37W 19	2605	3,020.235	415
7785	34 29W 21	2110	2,364.386	254
7786	34 29W 20	2110	2,393.738	283
7787	34 29W 19	2085	2,419.704	334
7788	34 30W 24	2060	2,441.022	381
7789	34 30W 23	2040	2,458.302	418
7790	34 34W 20	2375	2,821.679	446
7791	34 30W 22	2020	2,473.368	453
7792	34 34W 21	2245	2,814.906	569
7793	34 30W 21	2015	2,487.728	472
7794	34 34W 22	2200	2,804.503	604
7795	34 30W 20	2050	2,498.445	448
7796	34 34W 23	2225	2,787.556	562
7797	34 30W 19	2080	2,504.323	424
7798	34 34W 24	2275	2,770.584	495
7799	34 31W 24	2150	2,505.939	355
7800	34 33W 19	2300	2,753.845	453
7801	34 31W 23	2150	2,505.971	355
7802	34 33W 20	2310	2,728.617	418
7803	34 31W 22	2095	2,508.621	413
7804	34 33W 21	2310	2,702.235	392
7805	34 31W 21	2085	2,509.725	424
7806	34 31W 20	2090	2,507.775	417
7807	34 35W 19	2320	2,851.573	531
7808	34 35W 20	2320	2,844.896	524
7809	34 35W 21	2345	2,841.958	496
7810	34 35W 22	2365	2,840.918	475
7811	34 35W 23	2405	2,837.116	432
7812	34 35W 24	2450	2,831.664	381
7813	34 34W 19	2455	2,826.954	371
7814	34 43W 27	3390	3,463.053	73
7815	34 43W 26	3390	3,447.712	57
7816	34 43W 25	3400	3,446.211	46
7817	34 43W 30	3440	3,508.458	68
7818	34 42W 30	3405	3,445.551	40
7819	34 43W 29	3395	3,492.625	97
7820	34 42W 29	3395	3,437.241	42
7821	34 43W 28	3390	3,477.892	87
7822	34 42W 28	3375	3,421.346	46
7823	34 42W 27	3350	3,403.331	53
7824	34 42W 26	3305	3,372.851	67
7825	34 41W 25	3050	3,201.225	151
7826	34 42W 25	3240	3,316.219	76
7827	34 40W 30	3020	3,203.738	183

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7828	34 39W 28	2810	3,130.357	320
7829	34 41W 30	3190	3,250.838	60
7830	34 39W 27	2805	3,125.229	320
7831	34 40W 29	2995	3,206.029	211
7832	34 39W 26	2790	3,113.098	323
7833	34 41W 29	3140	3,196.694	56
7834	34 40W 28	2950	3,203.197	253
7835	34 39W 25	2765	3,097.428	332
7836	34 41W 28	3120	3,164.684	44
7837	34 40W 27	2880	3,196.861	316
7838	34 38W 30	2740	3,079.777	339
7839	34 40W 26	2840	3,184.098	344
7840	34 41W 27	3095	3,180.281	85
7841	34 38W 29	2670	3,062.363	392
7842	34 40W 25	2830	3,158.302	328
7843	34 41W 26	3075	3,201.196	126
7844	34 39W 30	2815	3,142.529	327
7845	34 39W 29	2815	3,135.145	320
7846	34 36W 30	2415	2,954.752	539
7847	34 38W 28	2645	3,044.936	399
7848	34 38W 27	2640	3,031.335	391
7849	34 38W 26	2635	3,022.607	387
7850	34 38W 25	2630	3,019.796	389
7851	34 37W 30	2615	3,018.697	403
7852	34 37W 29	2610	3,016.750	406
7853	34 37W 28	2605	3,014.454	409
7854	34 37W 27	2570	3,003.530	433
7855	34 37W 26	2495	2,989.461	494
7856	34 33W 30	2265	2,751.367	486
7857	34 33W 29	2285	2,728.100	443
7858	34 31W 27	2085	2,505.997	420
7859	34 33W 28	2290	2,700.649	410
7860	34 31W 28	2085	2,506.964	421
7861	34 33W 27	2300	2,673.589	373
7862	34 31W 29	2090	2,505.509	415
7863	34 33W 26	2305	2,650.220	345
7864	34 37W 25	2435	2,973.482	538
7865	34 31W 30	2095	2,511.574	416
7866	34 33W 25	2305	2,628.236	323
7867	34 32W 25	2095	2,523.813	428
7868	34 32W 30	2245	2,608.936	363
7869	34 32W 26	2115	2,539.400	424
7870	34 32W 29	2230	2,590.422	360
7871	34 32W 27	2165	2,556.313	391

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7872	34 32W 28	2210	2,573.327	363
7873	34 36W 29	2385	2,935.757	550
7874	34 36W 28	2365	2,918.861	553
7875	34 36W 27	2360	2,904.224	544
7876	34 36W 26	2360	2,890.572	530
7877	34 36W 25	2360	2,877.224	517
7878	34 35W 30	2365	2,866.983	501
7879	34 35W 29	2385	2,859.833	474
7880	34 29W 27	2060	2,328.736	268
7881	34 35W 28	2400	2,854.396	454
7882	34 29W 28	2060	2,345.367	285
7883	34 35W 27	2410	2,849.064	439
7884	34 29W 29	2060	2,365.340	305
7885	34 35W 26	2410	2,843.190	433
7886	34 29W 30	2040	2,393.121	353
7887	34 35W 25	2405	2,836.508	431
7888	34 30W 25	2010	2,420.888	410
7889	34 34W 30	2340	2,830.273	490
7890	34 30W 26	1990	2,443.613	453
7891	34 34W 29	2250	2,823.266	573
7892	34 30W 27	1990	2,461.285	471
7893	34 34W 28	2215	2,814.365	599
7894	34 30W 28	2015	2,476.825	461
7895	34 34W 27	2195	2,803.492	608
7896	34 30W 29	2060	2,489.406	429
7897	34 34W 26	2195	2,784.363	589
7898	34 30W 30	2080	2,496.135	416
7899	34 34W 25	2235	2,765.754	530
7900	34 31W 25	2090	2,499.264	409
7901	34 31W 26	2090	2,501.363	411
7902	34 43W 31	3440	3,504.930	64
7903	34 43W 32	3395	3,488.295	93
7904	34 43W 33	3385	3,473.316	88
7905	34 43W 34	3370	3,458.516	88
7906	34 43W 35	3370	3,449.325	79
7907	34 43W 36	3370	3,442.486	72
7908	34 42W 31	3380	3,436.230	56
7909	34 42W 32	3375	3,425.386	50
7910	34 40W 34	2920	3,189.461	269
7911	34 41W 33	3140	3,156.267	16
7912	34 42W 33	3355	3,416.349	61
7913	34 40W 35	2855	3,169.838	314
7914	34 41W 34	3115	3,178.181	63
7915	34 42W 34	3305	3,408.895	103

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7916	34 40W 36	2840	3,143.746	303
7917	34 41W 35	3085	3,189.943	104
7918	34 42W 35	3245	3,387.316	142
7919	34 39W 31	2835	3,128.323	293
7920	34 41W 36	3060	3,190.483	130
7921	34 39W 32	2825	3,120.453	295
7922	34 42W 36	3225	3,338.848	113
7923	34 40W 31	3035	3,195.858	160
7924	34 39W 33	2815	3,120.768	305
7925	34 41W 31	3200	3,265.766	65
7926	34 40W 32	3015	3,199.987	184
7927	34 39W 34	2810	3,116.881	306
7928	34 39W 35	2790	3,105.446	315
7929	34 41W 32	3165	3,190.851	25
7930	34 40W 33	2985	3,197.234	212
7931	34 39W 36	2765	3,089.712	324
7932	34 38W 31	2725	3,071.845	346
7933	34 38W 32	2660	3,054.458	394
7934	34 38W 33	2700	3,038.855	338
7935	34 38W 34	2640	3,026.749	386
7936	34 38W 35	2635	3,017.778	382
7937	34 37W 33	2540	3,012.043	472
7938	34 37W 34	2495	3,001.908	506
7939	34 37W 35	2455	2,988.738	533
7940	34 37W 36	2435	2,973.915	538
7941	34 33W 34	2240	2,671.231	431
7942	34 33W 35	2280	2,644.824	364
7943	34 31W 31	2140	2,511.074	371
7944	34 33W 36	2290	2,624.516	334
7945	34 32W 36	2160	2,527.690	367
7946	34 32W 31	2245	2,606.786	361
7947	34 32W 35	2150	2,544.588	394
7948	34 32W 32	2210	2,589.827	379
7949	34 32W 34	2135	2,559.760	424
7950	34 32W 33	2170	2,574.306	404
7951	34 36W 31	2410	2,957.789	547
7952	34 36W 32	2390	2,940.589	550
7953	34 36W 33	2395	2,924.447	529
7954	34 36W 34	2405	2,910.597	505
7955	34 36W 35	2405	2,899.297	494
7956	34 38W 36	2615	3,014.731	399
7957	34 37W 31	2605	3,015.333	410
7958	34 29W 33	1995	2,331.150	336
7959	34 29W 32	1990	2,347.555	357

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
7960	34 37W 32	2570	3,013.559	443
7961	34 29W 31	1990	2,365.785	375
7962	34 30W 36	1990	2,390.579	400
7963	34 30W 35	1995	2,416.583	421
7964	34 30W 34	2040	2,437.757	397
7965	34 34W 33	2240	2,814.382	574
7966	34 30W 33	2060	2,455.639	395
7967	34 34W 34	2225	2,801.689	576
7968	34 30W 32	2065	2,473.688	408
7969	34 34W 35	2195	2,783.639	588
7970	34 30W 31	2080	2,486.278	406
7971	34 34W 36	2195	2,762.992	567
7972	34 31W 36	2085	2,491.636	406
7973	34 33W 31	2225	2,744.966	519
7974	34 31W 35	2090	2,496.480	406
7975	34 33W 32	2255	2,725.174	470
7976	34 31W 34	2095	2,503.184	408
7977	34 33W 33	2245	2,699.090	454
7978	34 31W 33	2125	2,505.254	380
7979	34 31W 32	2135	2,506.466	371
7980	34 36W 36	2405	2,889.235	484
7981	34 35W 31	2405	2,879.634	474
7982	34 35W 32	2410	2,871.244	461
7983	34 35W 33	2420	2,863.211	443
7984	34 35W 34	2415	2,855.657	440
7985	34 35W 35	2400	2,848.912	448
7986	34 35W 36	2350	2,843.785	493
7987	34 34W 31	2310	2,835.944	525
7988	34 34W 32	2245	2,826.286	581
7989	35 43W 2	3345	3,444.501	99
7990	35 43W 1	3345	3,435.489	90
7991	35 43W 6	3450	3,501.519	51
7992	35 42W 6	3360	3,425.169	65
7993	35 43W 5	3410	3,484.400	74
7994	35 42W 5	3360	3,417.697	57
7995	35 43W 4	3380	3,468.734	88
7996	35 42W 4	3340	3,419.373	79
7997	35 43W 3	3360	3,454.656	94
7998	35 42W 3	3270	3,409.043	139
7999	35 42W 2	3240	3,382.393	142
8000	35 42W 1	3230	3,341.942	111
8001	35 40W 6	3045	3,186.214	141
8002	35 39W 4	2815	3,114.444	299
8003	35 41W 6	3215	3,268.490	53

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
8004	35 40W 5	3020	3,190.878	170
8005	35 39W 3	2805	3,110.267	305
8006	35 41W 5	3200	3,194.463	-6
8007	35 39W 2	2770	3,098.609	328
8008	35 40W 4	3005	3,187.668	182
8009	35 39W 1	2760	3,084.299	324
8010	35 40W 3	2955	3,177.588	222
8011	35 41W 4	3160	3,161.932	1
8012	35 38W 6	2760	3,066.870	306
8013	35 40W 2	2905	3,154.172	249
8014	35 41W 3	3130	3,178.631	48
8015	35 38W 5	2745	3,048.217	303
8016	35 40W 1	2845	3,128.970	283
8017	35 41W 2	3090	3,177.411	87
8018	35 39W 6	2835	3,114.998	279
8019	35 41W 1	3070	3,179.479	109
8020	35 39W 5	2830	3,109.815	279
8021	35 38W 4	2715	3,032.025	317
8022	35 38W 3	2655	3,020.974	365
8023	35 38W 2	2625	3,013.443	388
8024	35 38W 1	2595	3,011.114	416
8025	35 37W 6	2565	3,012.232	447
8026	35 37W 5	2540	3,010.402	470
8027	35 37W 4	2505	3,006.165	501
8028	35 37W 3	2425	2,996.035	571
8029	35 37W 2	2450	2,984.651	534
8030	35 33W 6	2195	2,740.514	545
8031	35 33W 5	2200	2,721.503	521
8032	35 31W 3	2120	2,499.755	379
8033	35 33W 4	2200	2,697.792	497
8034	35 31W 4	2155	2,505.663	350
8035	35 37W 1	2435	2,971.621	536
8036	35 33W 3	2205	2,669.403	464
8037	35 31W 5	2175	2,506.897	331
8038	35 33W 2	2250	2,643.108	393
8039	35 31W 6	2190	2,511.773	321
8040	35 33W 1	2290	2,621.469	331
8041	35 32W 1	2205	2,528.164	323
8042	35 32W 6	2230	2,603.312	373
8043	35 32W 2	2190	2,543.691	353
8044	35 32W 5	2190	2,586.873	396
8045	35 32W 3	2155	2,558.392	403
8046	35 32W 4	2140	2,572.316	432
8047	35 36W 6	2415	2,957.764	542

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
8048	35 36W 5	2410	2,943.661	533
8049	35 36W 4	2410	2,928.970	518
8050	35 36W 3	2410	2,915.473	505
8051	35 36W 2	2410	2,905.173	495
8052	35 36W 1	2410	2,896.090	486
8053	35 35W 6	2425	2,886.617	461
8054	35 35W 5	2415	2,877.121	462
8055	35 35W 4	2410	2,868.070	458
8056	35 29W 4	1990	2,313.132	323
8057	35 35W 3	2390	2,859.680	469
8058	35 35W 2	2360	2,852.528	492
8059	35 35W 1	2330	2,848.923	518
8060	35 30W 1	2040	2,363.674	323
8061	35 34W 6	2290	2,846.832	556
8062	35 30W 2	2060	2,383.411	323
8063	35 34W 5	2080	2,843.389	763
8064	35 30W 3	2060	2,404.482	344
8065	35 34W 4	2270	2,818.070	548
8066	35 30W 4	2065	2,422.853	357
8067	35 34W 3	2260	2,802.931	542
8068	35 30W 5	2075	2,443.570	368
8069	35 34W 2	2235	2,783.085	548
8070	35 30W 6	2080	2,465.354	385
8071	35 34W 1	2195	2,762.069	567
8072	35 31W 1	2095	2,481.209	386
8073	35 31W 2	2095	2,490.153	395
8074	35 43W 8	3410	3,481.379	71
8075	35 43W 9	3380	3,465.226	85
8076	35 43W 10	3355	3,452.102	97
8077	35 43W 11	3340	3,440.767	100
8078	35 43W 12	3340	3,427.014	87
8079	35 43W 7	3440	3,498.127	58
8080	35 42W 7	3340	3,415.457	75
8081	35 42W 8	3340	3,412.658	72
8082	35 42W 9	3340	3,405.063	65
8083	35 40W 11	2935	3,135.433	200
8084	35 41W 10	3140	3,162.564	22
8085	35 42W 10	3290	3,389.053	99
8086	35 40W 12	2875	3,114.740	239
8087	35 41W 11	3100	3,165.745	65
8088	35 42W 11	3260	3,368.233	108
8089	35 39W 7	2825	3,103.951	278
8090	35 41W 12	3080	3,171.709	91
8091	35 39W 8	2795	3,102.841	307

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
8092	35 42W 12	3245	3,324.295	79
8093	35 40W 7	3055	3,175.626	120
8094	35 39W 9	2810	3,108.663	298
8095	35 41W 7	3235	3,261.233	26
8096	35 40W 8	3030	3,179.631	149
8097	35 39W 10	2790	3,103.169	313
8098	35 41W 8	3215	3,198.495	-17
8099	35 39W 11	2710	3,092.697	382
8100	35 40W 9	3010	3,175.376	165
8101	35 39W 12	2710	3,077.350	367
8102	35 40W 10	2970	3,159.585	189
8103	35 41W 9	3190	3,169.456	-21
8104	35 38W 7	2740	3,053.870	313
8105	35 38W 8	2760	3,037.714	277
8106	35 38W 9	2755	3,026.966	271
8107	35 38W 10	2690	3,019.041	329
8108	35 37W 9	2515	2,999.671	484
8109	35 37W 10	2435	2,990.520	555
8110	35 37W 11	2415	2,980.150	565
8111	35 33W 10	2195	2,670.366	475
8112	35 37W 12	2440	2,968.554	528
8113	35 33W 11	2230	2,643.459	413
8114	35 31W 7	2205	2,510.241	305
8115	35 33W 12	2260	2,620.269	360
8116	35 32W 12	2210	2,526.406	316
8117	35 32W 7	2255	2,600.919	345
8118	35 32W 11	2195	2,542.075	347
8119	35 32W 8	2215	2,584.392	369
8120	35 32W 10	2190	2,556.175	366
8121	35 32W 9	2185	2,569.774	384
8122	35 36W 7	2430	2,956.166	526
8123	35 36W 8	2420	2,943.456	523
8124	35 36W 9	2420	2,930.810	510
8125	35 36W 10	2420	2,918.317	498
8126	35 36W 11	2420	2,907.481	487
8127	35 38W 11	2640	3,014.534	374
8128	35 38W 12	2605	3,012.090	407
8129	35 37W 7	2580	3,010.477	430
8130	35 37W 8	2540	3,007.106	467
8131	35 34W 9	2265	2,833.832	568
8132	35 34W 10	2245	2,819.985	574
8133	35 34W 11	2220	2,801.137	581
8134	35 34W 12	2195	2,763.162	568
8135	35 31W 12	2095	2,465.943	370

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
8136	35 33W 7	2190	2,739.647	549
8137	35 31W 11	2125	2,484.075	359
8138	35 33W 8	2190	2,716.925	526
8139	35 31W 10	2160	2,496.002	336
8140	35 33W 9	2190	2,695.564	505
8141	35 31W 9	2170	2,501.299	331
8142	35 31W 8	2190	2,502.207	312
8143	35 36W 12	2415	2,898.272	483
8144	35 35W 7	2415	2,889.244	474
8145	35 35W 8	2410	2,879.904	469
8146	35 35W 9	2390	2,870.106	480
8147	35 35W 10	2365	2,861.086	496
8148	35 35W 11	2340	2,854.273	514
8149	35 35W 12	2310	2,850.680	540
8150	35 34W 7	2290	2,847.935	557
8151	35 34W 8	2280	2,842.809	562
8152	35 43W 13	3335	3,418.420	83
8153	35 43W 18	3420	3,490.875	70
8154	35 42W 18	3330	3,399.517	69
8155	35 43W 17	3490	3,477.467	-13
8156	35 42W 17	3320	3,382.644	62
8157	35 43W 16	3370	3,462.873	92
8158	35 42W 16	3345	3,371.681	26
8159	35 43W 15	3345	3,448.862	103
8160	35 42W 15	3315	3,364.423	49
8161	35 43W 14	3340	3,434.604	94
8162	35 40W 18	3060	3,166.538	106
8163	35 39W 16	2795	3,097.182	302
8164	35 40W 17	3030	3,167.857	137
8165	35 39W 15	2770	3,094.517	324
8166	35 41W 17	3230	3,188.774	-42
8167	35 39W 14	2715	3,080.592	365
8168	35 40W 16	3010	3,160.136	150
8169	35 39W 13	2690	3,056.833	366
8170	35 41W 16	3200	3,161.205	-39
8171	35 40W 15	2975	3,137.071	162
8172	35 38W 18	2695	3,043.681	348
8173	35 40W 14	2940	3,115.593	175
8174	35 41W 15	3145	3,146.631	1
8175	35 38W 17	2720	3,034.727	314
8176	35 40W 13	2890	3,104.016	214
8177	35 41W 14	3105	3,153.124	48
8178	35 42W 14	3290	3,348.832	58
8179	35 39W 18	2840	3,094.447	254

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
8180	35 41W 13	3080	3,166.118	86
8181	35 39W 17	2795	3,086.849	291
8182	35 42W 13	3270	3,300.833	30
8183	35 41W 18	3255	3,235.180	-20
8184	35 32W 18	2245	2,613.712	368
8185	35 32W 17	2230	2,594.822	364
8186	35 38W 16	2720	3,028.699	308
8187	35 38W 15	2690	3,024.543	334
8188	35 38W 14	2645	3,021.140	376
8189	35 38W 13	2620	3,017.205	397
8190	35 37W 18	2590	3,011.740	421
8191	35 37W 17	2550	3,004.433	454
8192	35 37W 16	2520	2,995.537	475
8193	35 37W 15	2440	2,986.482	546
8194	35 37W 14	2420	2,976.614	556
8195	35 33W 18	2190	2,738.400	548
8196	35 33W 17	2190	2,715.509	525
8197	35 31W 15	2175	2,455.839	280
8198	35 33W 16	2190	2,694.649	504
8199	35 31W 16	2190	2,470.428	280
8200	35 33W 15	2190	2,673.801	483
8201	35 31W 17	2205	2,486.152	281
8202	35 37W 13	2450	2,965.947	515
8203	35 33W 14	2210	2,653.232	443
8204	35 31W 18	2210	2,503.416	293
8205	35 33W 13	2235	2,633.201	398
8206	35 32W 13	2210	2,521.760	311
8207	35 32W 14	2205	2,539.964	334
8208	35 32W 15	2210	2,558.463	348
8209	35 32W 16	2220	2,576.647	356
8210	35 36W 18	2440	2,954.690	514
8211	35 36W 17	2430	2,943.136	513
8212	35 36W 16	2430	2,931.519	501
8213	35 36W 15	2425	2,919.981	494
8214	35 36W 14	2420	2,908.476	488
8215	35 36W 13	2420	2,897.680	477
8216	35 35W 18	2410	2,887.918	477
8217	35 35W 17	2400	2,878.771	478
8218	35 35W 16	2375	2,869.675	494
8219	35 35W 15	2350	2,860.348	510
8220	35 35W 14	2320	2,851.894	531
8221	35 35W 13	2295	2,845.362	550
8222	35 34W 18	2280	2,839.799	559
8223	35 34W 17	2260	2,833.063	573

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
8224	35 34W 16	2240	2,822.874	582
8225	35 34W 15	2215	2,806.901	591
8226	35 34W 14	2195	2,787.670	592
8227	35 34W 13	2195	2,764.123	569
8228	35 31W 14	2150	2,441.003	291
8229	35 31W 13	2115	99900E+13	326
8230	35 30W 7	2090	2,442.426	352
8231	35 30W 18	2090	99900E+13	352
8232	35 30W 8	2085	2,417.354	332
8233	35 30W 17	2085	99900E+13	332
8234	35 30W 9	2075	2,395.271	320
8235	35 30W 16	2085	99900E+13	310
8236	35 30W 10	2065	2,377.146	312
8237	35 30W 15	2080	99900E+13	297
8238	35 30W 11	2065	2,359.590	294
8239	35 30W 14	2070	99900E+13	289
8240	35 30W 12	2060	2,342.181	282
8241	35 30W 13	2065	99900E+13	277
8242	35 29W 6	2000	2,346.882	346
8243	35 29W 7	2055	99900E+13	291
8244	35 29W 18	2060	99900E+13	286
8245	35 29W 5	1990	2,329.499	339
8246	35 29W 8	2015	99900E+13	314
8247	35 29W 17	2060	99900E+13	269
8248	29 21W 34	2210	2,206.676	-4
8249	29 21W 36	2160	99900E+13	46
8250	29 21W 35	2190	99900E+13	16
8251	29 21W 27	2205	2,243.483	38
8252	29 21W 25	2155	99900E+13	88
8253	29 21W 26	2195	99900E+13	48
8254	29 21W 23	2170	2,224.096	54
8255	29 21W 24	2160	99900E+13	64
8256	29 21W 14	2180	2,253.377	73
8257	29 21W 13	2180	99900E+13	73
8258	29 21W 11	2205	2,276.118	71
8259	29 21W 12	2195	99900E+13	81
8260	29 25W 10	2410	2,449.390	-99
8261	29 25W 9	2340	2,456.615	-99
8262	29 25W 13	2410	2,455.328	-99
8263	29 25W 14	2420	2,458.589	-99
8264	29 25W 15	2420	2,458.857	-99
8265	29 25W 16	2420	2,461.805	-99
8266	29 25W 17	2250	2,469.574	-99
8267	29 24W 19	2415	2,452.555	-99

Appendix V (cont.)
Saturated Thickness Values
Kansas Geological Survey Open-file Report 92-45f

Record number	Legal description (township S, range, section)	Bedrock elevation (ft)	Water level elevation (ft)	Saturated thickness (ft)
8268	29 25W 24	2430	2,458.517	-99
8269	29 25W 23	2440	2,465.350	-99
8270	29 25W 22	2440	2,471.907	-99
8271	29 25W 21	2435	2,477.682	-99
8272	29 25W 20	2430	2,479.726	-99
8273	29 24W 28	2410	2,445.817	-99
8274	29 24W 29	2420	2,451.307	-99
8275	29 24W 30	2430	2,457.480	-99
8276	29 25W 25	2445	2,464.126	-99
8277	29 25W 26	2450	2,471.183	-99
8278	29 25W 27	2450	2,477.547	-99
8279	29 25W 28	2445	2,483.609	-99
8280	29 25W 29	2440	2,488.542	-99
8281	29 25W 30	2190	2,492.796	-99
8282	29 24W 31	2420	2,463.060	-99
8283	29 25W 36	2440	2,470.007	-99
8284	29 25W 35	2460	2,476.816	-99
8285	29 25W 34	2460	2,482.582	-99
8286	29 24W 35	2345	2,434.949	-99
8287	29 24W 34	2375	2,441.506	-99
8288	29 24W 33	2405	2,448.374	-99
8289	29 24W 32	2415	2,455.950	-99
8290	29 25W 33	2460	2,487.948	-99
8291	29 25W 32	2455	2,492.334	-99
8292	29 25W 31	2445	2,496.059	-99
8293	29 26W 36	2215	2,498.676	-99
8294	28 27W 13	2510	2,518.191	-99
8295	28 28W 28	2610	2,637.160	-99
8296	28 28W 29	2610	2,641.206	-99
8297	28 28W 32	2625	2,631.197	-99
8298	28 28W 31	2620	2,630.166	-99
8299	28 28W 34	2610	2,615.479	-99
8300	30 25W 24	2215	0.000	150