APPENDIX B
RAINFALL LOSS PARAMETERS

B.1 INTRODUCTION

This section is a continuation of the work by Mohave County in developing Green and Ampt loss parameters for soils using methods developed by Saxton and Rawls (2006). Unless otherwise noted, methods for determining rainfall loss parameters are consistent with those developed by Mohave County and are included in the Drainage Design Manual for Mohave County, 2nd Edition, December 2012.

B.2 PROCEDURES USED TO ASSIGN GREEN AND AMPT PARAMETERS

B.2.1 Base Soils Data

B.2.1.1 Source

The data used for estimation of Green and Ampt parameters were extracted from SSURGO (Soil Survey Geographic Database) detailed soil survey data and STATSGO (State Soil Geographic Database) general soil survey data obtained from the NRCS. The data were downloaded from the following web site:

http://websoilsurvey.nrcs.usda.gov

General limits of detailed soils surveys for Arizona and neighboring states are displayed in **Figure B-1**.

B.2.1.2 Disclaimer

Arizona Department of Transportation has compiled for its use, certain information including soils parameters for hydrologic modeling. This information is provided as public record as a part of the Highway Drainage Design Manual Volume 2 - Hydrology, and is available to assist the end user in determining soils parameters for hydrologic modeling. The information provided should only be relied upon with corroboration of the methods, assumptions, and results by a qualified independent source. The user's reliance upon the accuracy, reliability and authority of this information is solely the user's responsibility. The user of this information releases, indemnifies and holds the Arizona Department of Transportation free from any and all liabilities, damages, lawsuits and causes of action that result as a consequence of his/her reliance on and use of information provided as a public record.

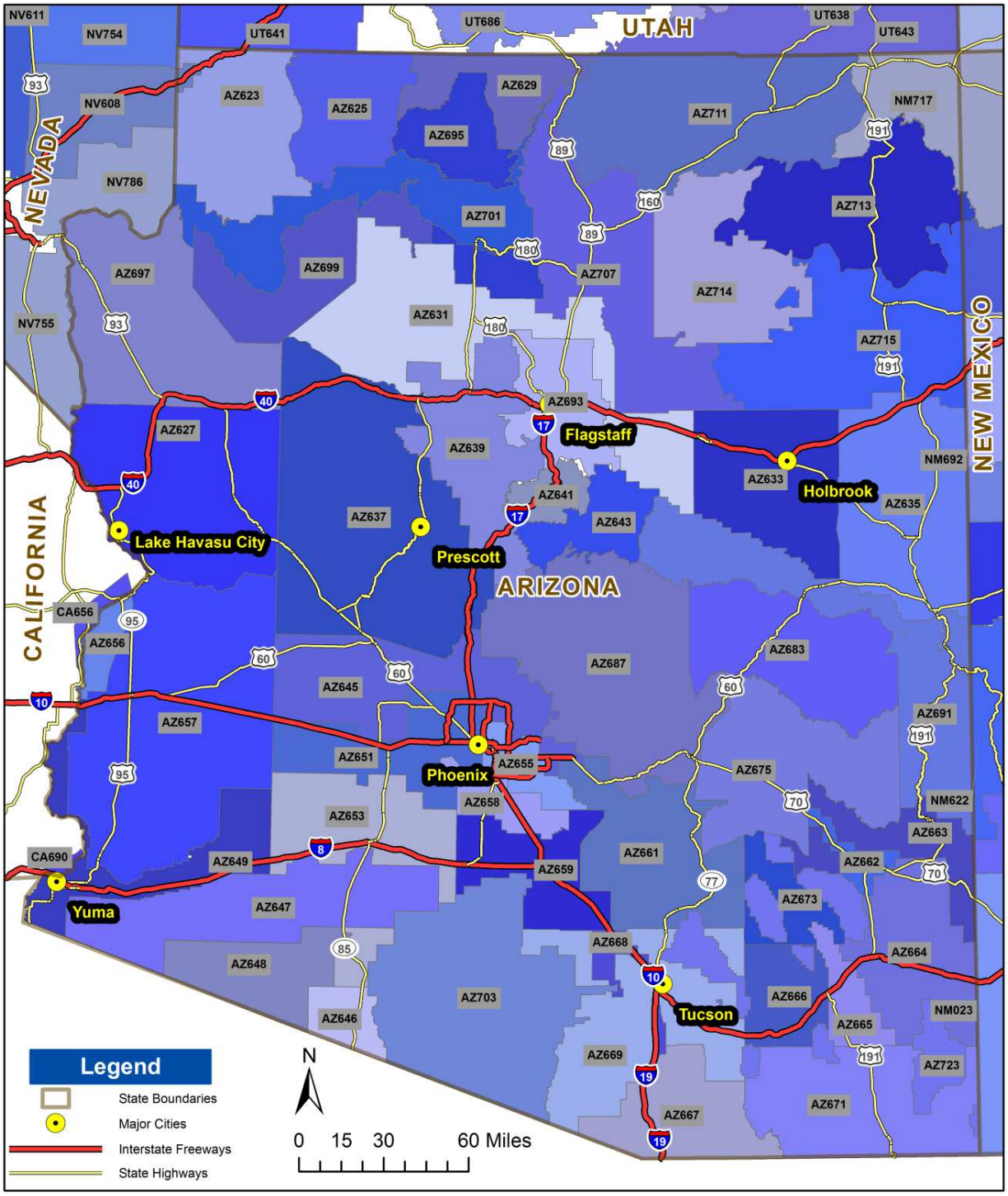

Figure B-1 Arizona and Vicinity Detailed Soil Surveys

The soils information consists of GIS polygon files in ESRI shape file format, and Microsoft Access format databases for the following soil surveys:

Table B-1 List of Soil Surveys

ID	Soil Survey Title
AZ623	Shivwits Area, Arizona, Part Of Mohave County
AZ625	Mohave County Area, AZ, Northeastern Part, and Part Of Coconino County
AZ627	Mohave County, AZ, Southern Part
AZ629	Coconino County Area, Arizona, North Kaibab Part
AZ631	Coconino County Area, Arizona, Central Part
AZ633	Navajo County Area, Arizona, Central Part
AZ635	Apache County, Arizona, Central Part
AZ637	Yavapai County, Arizona, Western Part
AZ639	Black Hills-Sedona Area, Arizona, Parts of Coconino and Yavapai Counties
AZ641	Beaver Creek Area, Arizona
AZ643	Long Valley Area, Arizona
AZ645	Aguila-Carefree Area, Arizona, Parts of Maricopa and Pinal Counties
AZ646	Organ Pipe Cactus National Monument, Arizona
AZ647	Luke Air Force Range, Arizona, Parts of Maricopa, Pima and Yuma Counties
AZ649	Yuma-Wellton Area, Parts of Yuma County, Arizona and Imperial County, California
AZ651	Maricopa County, Arizona, Central Part
AZ653	Gila Bend-Ajo Area, Arizona, Parts of Maricopa and Pima Counties
AZ655	Eastern Maricopa and Northern Pinal Counties Area, Arizona
AZ656	Colorado River Indian Reservation, Parts of La Paz County, Arizona, and Riverside and San Bernardino Counties, California
AZ657	Kofa Area, Arizona, Parts of La Paz and Yuma Counties
AZ658	Gila River Indian Reservation, Arizona, Parts of Maricopa and Pinal Counties
AZ659	Pinal County, Arizona, Western Part
AZ661	Eastern Pinal and Southern Gila Counties, Arizona
AZ662	Safford Area, Arizona
AZ663	Gila-Duncan Area, Parts of Graham and Greenlee Counties, Arizona
AZ664	San Simon Area Parts of Cochise Graham and Greenlee Counties, Arizona
AZ665	Wilcox Area, Arizona Parts of Cochise and Graham Counties
AZ666	Cochise County, Arizona, Northwestern Part
AZ667	Santa Cruz and Parts of Cochise and Pima Counties, Arizona
AZ668	Tucson-Avra Valley Area, Arizona
AZ669	Pima County, Arizona, Eastern Part
AZ671	Cochise County, Arizona, Douglas-Tombstone Part
AZ673	Graham County, Arizona, Southwestern Part

Table B-1 List of Soil Surveys

ID	Soil Survey Title
AZ675	San Carlos Indian Reservation, Arizona, Parts of Gila and Graham Counties
AZ683	Fort Apache Indian Reservation, Arizona, Parts of Apache, Gila, and Navajo Counties
AZ687	Tonto National Forest, Arizona, Parts of Gila, Maricopa, Pinal and Yavapai Counties
AZ691	Apache-Sitgreaves National Forests, Arizona, Parts of Apache, Coconino, Greenlee, and Navajo Counties
AZ693	Oak Creek-San Francisco Peaks Area, Arizona, Part of Coconino County
AZ695	Kaibab National Forests, Arizona, Parts of Coconino, Mohave and Yavapai Counties. Database not available yet.
AZ697	Mohave County, AZ, Central Part
AZ699	Hualapai-Havasupai Area, Parts of Coconino, Mohave, and Yavapai Counties
AZ701	Grand Canyon Area, Arizona, Parts of Coconino and Mohave Counties
AZ703	Tohono O'dham Nation, Arizona, Parts of Maricopa, Pima and Pinal Counties
AZ707	Little Colorado River Area, Arizona, Parts of Coconino and Navajo Counties
AZ711	Navajo Mountain Area, Arizona, Parts of Apache, Coconino and Navajo Counties
AZ712	Canyon de Chelly National Monument, Arizona
AZ713	Chinle Area, Parts of Apache and Navajo Counties, Arizona, and San Juan County, New Mexico
AZ714	Hopi Area, Arizona, Parts of Coconino and Navajo Counties
AZ715	Fort Defiance Area, Parts of Apache and Navajo Counties, Arizona and McKinley and San Juan Counties, New Mexico
AZ723	Coronado National Forest, Arizona, Parts of Cochise, Graham, Pima and Pinal Counties
NM23	Luna County, New Mexico
NM648	Catron County, New Mexico, Northern Part
NM662	Grant County, New Mexico, Central and Southern Parts
NM682	Cibola Area, New Mexico, Parts of Cibola, McKinley, and Valencia Counties
NM692	McKinley County Area, New Mexico, McKinley County and Parts of Cibola and San Juan Counties
NM717	Shiprock Area, Parts of San Juan County, New Mexico and Apache County, Arizona
NV608	Virgin River Area, Nevada and Arizona
NV713	Meadow Valley Area, Nevada and Utah
NV754	Lincoln County, Nevada, South Part
NV755	Clark County Area, Nevada
UT634	Iron-Washington Area, Utah, Parts of Iron, Kane, and Washington Counties
UT636	Panguitch Area, Parts of Garfield, Iron, Kane and Piute Counties, Utah
UT641	Washington County Area, Utah

Table B-1 List of Soil Surveys	
ID	**Soil Survey Title**
UT686	Grand Staircase - Escalante National Monument, Parts of Kane and Garfield Counties, Utah
UT689	Glen Canyon National Park, Utah
AZ	Arizona General Soil Survey
[(1)]NM	New Mexico General Soil Survey
[(1)]NV	Nevada General Soil Survey
[(1)]UT	Utah General Soil Survey

Note 1: The study area for the General STATSGO soils surveys for New Mexico, Nevada and Utah were clipped using the HUC8 watershed and State of Arizona boundary.

B.2.2 Extraction and Manipulation of Soils Data

The Green and Ampt parameters are based on the soil characteristics found in the NRCS databases. The key inputs are percentages of sand, clay, gravel, and organic matter. The NRCS database provides soil surveys which contain different geographical areas identified by the soil map unit (SMU). Each map unit contains various soil components at different percentage compositions. Each component has different layers or horizons which identify values of soil characteristics along with the different layer's depths.

The location of the top boundary of each horizon is identified as hz_deptr parameter in the NRCS database. The NRCS database contains percentage values for sand, clay, gravel, and organic matter for each layer/horizon. These values were obtained from the NRCS database for each horizon within a component. The Green and Ampt parameters are computed for each horizon based on the Saxton and Rawls procedures.

Only the horizons in the top 6 inches of soil are considered. Within the top 6 inches, the horizon with the lowest Conductivity values is selected as the controlling horizon. This selection is made to provide a conservative estimate with minimum infiltration and maximum runoff for the controlling soil horizon.

B.3 COMPUTATION OF GREEN AND AMPT PARAMETERS

B.3.1 Method

B.3.1.1 General Procedure

The Green and Ampt parameters were computed using a script routine that uses data from the NRCS soil survey databases. A summary of the procedures used to compute Green and Ampt parameters follows:

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Note 1: The study area for the General STATSGO soils surveys for New Mexico, Nevada and Utah were clipped using the HUC8 watershed and State of Arizona boundary.

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The Green and Ampt parameters were computed using a script routine that uses data from the NRCS soil survey databases. A summary of the procedures used to compute Green and Ampt parameters follows:

1. Data necessary to implement the Saxton and Rawls (2006) procedure is extracted from the text files provided with NRCS soils databases. The NRCS data used is structured as follows:

    a. Soil Map Units (SMU). This name, which comes from the "musym" field, identifies a soil type. An SMU is composed of one or more major and minor soil types. The minor soils are neglected for these procedures, unless included within the NRCS soils database. The newer NRCS soil surveys do not distinguish between major and minor component soils. Each major soil is called a component soil with the name coming from the "compname" field. The physical data needed for computation of Green and Ampt parameters, and specific to each component of an SMU, are contained within multiple tables. The required data are extracted from the various NRCS tables and are combined by the script routine. The percentages of the area of each component within each SMU are also extracted from the NRCS tables. Each component soil is made up of vertical soil layers called horizons. The thickness of each horizon is measured in inches and the depth to the top and bottom of each horizon comes from the "hzdept_r" and "hzdepb_r" fields, respectively. The top 6-inches of each component is evaluated to determine which horizon is the limiting soil layer for infiltration. The Conductivity value for that layer is used to represent the infiltration ability of that component.

    b. Sand, Silt and Clay. The percentage of sand, silt, and clay provided by the NRCS is the percentage by weight of the matric soil (all particles <2mm). These data are provided in fields "sandtotal_r," "silttotal_r," and "claytotal_r."

    c. Gravel. The gravel size in mm is provided in the field "fragsize_r" and the percentage by volume of the bulk soil in field "fragvol_r." Each Horizon soil contains either none, or one or more gravel size fractions.

2. Total the gravel for each horizon. The total gravel volume for each horizon must be computed by totaling the volumes for the size fractions. Often, multiple duplicate records exist for each size fraction in the NRCS database table. Multiple duplicate records of a given size fraction are ignored.

3. Compute Conductivity, Suction, Saturated, Wilting Point, and Field Capacity Soil Water Contents for each horizon.

4. Determine the control horizon for each component.

5. Determine Total Impervious Percent from the natural rock outcrop for each Horizon where multiple records exist.

6. Compute an area log-averaged value of Conductivity and Suction for each SMU. Compute an area-averaged value for Saturated, Wilting Point, and Field Capacity Soil Water Contents for each SMU.

7. Component names designated as "Water" are based on Green and Ampt parameters for clay with a Natural Impervious % of 100.

8. SMU named "Notcom," "Notcomm" or "Not complete" identify areas within soil surveys that are not complete. These areas are assigned a value of "-9999".

B.3.1.2 Conductivity by Saxton and Rawls (2006)

ADOT's Green and Ampt parameters are based *Soil Characteristic Estimates by Texture and Organic Matter for Hydrologic Solutions* (Saxton and Rawls (2006)), which is a continuation of the 1983 work by Rawls, Brakensiek and Miller, which was the basis of Green and Ampt parameters presented in the 1993 ADOT Hydrology Manual. Conductivity using the Saxton and Rawls (2006) procedures is computed based on the percent volume by weight of sand and clay for a given matric soil, and corrected based on the percentage of gravel and organic matter in the bulk soil, and the relative level of compaction of the bulk soil. The new procedures are based on extensive research using 2,000 A-horizon and 2,000 B-horizon samples from the NRCS. The A-horizon is the top soil layer; the B-horizon the second layer below the surface. These two horizons (generally) cover the top 6-inches of the surface soils, which is the area of concern for this analysis. The new procedure also provides the necessary information to directly compute soil moisture content for each horizon. Soil Suction is computed using an equation from Rawls, Brakensiek and Miller (1983). The equations used for computation of Conductivity (XKSAT), Suction (PSIF) and Soil Moisture Content (DTHETA) and the corrections for gravel content, organic matter and compaction are listed in **Section B.3.1.3**.

B.3.1.3 Green and Ampt Parameters Equations

The equations from Saxton and Rawls (2006), as applied for the DDM Volume 2 - Hydrology and implemented using the Green and Ampt Script, are summarized as follows:

Wilting Point (WPoint)

Predict = -0.024 * Sand + 0.487 * Clay + 0.006 * OrgMat + 0.005 * Sand * OrgMat - 0.013 * Clay * OrgMat + 0.068 * Sand * Clay + 0.031

WPoint = Predict + (0.14 * Predict - 0.02)

Field Capacity (FCapac)

Predict = -0.251 * Sand + 0.195 * Clay + 0.011 * OrgMat + 0.006 * Sand * OrgMat - 0.027 * Clay * OrgMat + 0.452 * Sand * Clay + 0.299

FCapac = Predict + (1.283 * Predict ^ 2 - 0.374 * Predict - 0.015)

Saturation (Sat)

Predict = 0.278 * Sand + 0.034 * Clay + 0.022 * OrgMat - 0.018 * Sand * OrgMat - 0.027 * Clay * OrgMat - 0.584 * Sand * Clay + 0.078

S33 = Predict + (0.636 * Predict - 0.107)

Sat = FCapac + S33 - 0.097 * Sand + 0.043

Adjustment for organic matter and compaction

DensityO = (1 - Sat) * 2.65

DensityC = DensityO * DensityFactor

PorO = 1 - (DensityC / 2.65)

PorC = PorO - (1 - DensityO / 2.65)

M33C = FCapac + 0.25 * PorC

PM33C = PorO - M33C

If PM33C < 0 Then PM33C = 0

XKSAT Calculation

Gadj = (1 - Gravel) / (1 - Gravel * (1 - 1.5 * ((DensityC) / 2.65)))

B = (Math.Log(1500) - Math.Log(33)) / (Math.Log(M33C) - Math.Log(WPoint))

A = Math.Exp(Math.Log(33) + (B * Math.Log(M33C)))

Lamda = 1 / B

XKSAT = 1930 * (PM33C ^ (3 - Lamda)) * 0.0393700787 * Gadj

sngKsCF = CSng(frmOptions.txtKsCF.Text)

XKSAT = XKSAT * sngKsCF

If XKSAT < 0.01 Then

  XKSAT = 0.01

DTHETA(dry and normal) Calculation

DTHETAdry = Sat - WPoint

DTHETAnormal = Sat - FCapac

PSIF Calculations (Rawls, Brackensiek & Miller, 1983)

BubblingPressure = -21.674 * Sand - 27.932 * Clay - 81.975 * PM33C + 71.121 * Sand * PM33C + 8.294 * Clay * PM33C + 14.05 * Sand * Clay + 27.161

BPadj = BubblingPressure + (0.02 * BubblingPressure ^ 2 - 0.113 * BubblingPressure - 0.7)

If BubblingPressure >= 0 Then

  PSIF = (2 * Lamda + 3) / (2 * Lamda + 2) * BubblingPressure / 2 * 4.014630787

If BPadj >= 0 Then

  PSIFadj = (2 * Lamda + 3) / (2 * Lamda + 2) * BPadj / 2 * 4.014630787

The documentation for Saxton and Rawls (2006) is found at:

http://hydrolab.arsusda.gov/SPAW/Index.htm.

The documentation is included as a part of the SPAW computer program available on that web page. A spreadsheet available as a part of the "Soil Water Characteristics" portion of the SPAW download from this website can be used to check the computations made using these equations.

B.3.2 Computation of Parameters

A PDF file for all soil survey areas containing the data used for computation of the Green and Ampt parameters and listing the assigned parameters and applicable adjustments is available from the ADOT Drainage Group upon request. The PDF file contains groups of data for each NRCS Soil Survey as listed in **Table B-1**. The PDF file was created from program output that is written by the Green and Ampt script routine.

B.3.3 Computing Green and Ampt Parameters for Each Component Horizon

The data from the raw NRCS text files were used as input data. The gravel volumes for each horizon were totaled, and Conductivity, Suction and Soil Moisture Content computed. The following are key assumptions made when implementing the Saxton and Rawls (2006) method using the Green and Ampt script routine:

1. The maximum percentage of gravel used is 50%. The Saxton and Rawls (2006) equations are not valid for gravel percentages greater than 50%. When the NRCS data contained a soil horizon with greater than 50% gravel content, the value was set to 50%.

2. The maximum percentage of organic matter used is 8%. The Saxton and Rawls (2006) equations are not valid for organic matter percentages greater than 8%. When the NRCS data contained a soil horizon with greater than 8% organic matter, the value was set to 8%.

3. The Saxton and Rawls (2006) equations have a correction for salinity. This correction is insignificant and not included in the ADOT method.

4. The Saxton and Rawls (2006) equations contain a correction for relative soil density, varying from 0.9 to 1.3, where a value of 1.0 represents a normal condition. For the ADOT Method, a density factor of 1.0 was used to compute Conductivity (XKSAT) for all soils.

5. The Saxton and Rawls (2006) equations yield K_s, or saturated conductivity, not effective Conductivity (XKSAT). K_s was multiplied by the correction factor of 0.5 to obtain Conductivity (XKSAT) based on work of Bouwer (1966). This correction factor is consistent with the methods used in the 1993 Manual.

6. The Conductivity value for very sandy soils is often a large value, which could result in unrealistic values of total infiltration. As a conservative assumption for hydrologic

modeling purposes, Conductivity values greater than 2.0 in/hr were set to 2.0 in/hr in this manual.

7. Clay percent is increased by intervals of 1% if Wilting Point is computed as a negative value. Iteration continues increasing until Wilting Point is computed as a positive value.

8. Minimum value of Conductivity is set at 0.01.

9. Equal component percentages are assigned if component percentages are missing or if no horizons are present in the database.

10. If organic matter percent is the only value unavailable, it is set at 0%.

11. The Green and Ampt script routine relies on the physical soil properties data being available to apply the Saxton and Rawls (2006) equations. In some cases, the needed data were not present in the NRCS databases. The following is a summary of how these situations were addressed:

    a. Sand and clay percentage not supplied, but texture class was. The texture class was used to assign Conductivity from the data in **Table B-2**.

    b. Sand and clay percentage, and texture class, not supplied. The component soil was classified as a miscellaneous component soil and default Conductivity values for Density Factor 1.0 were assigned based on research and engineering judgment. Refer to **Section B.3.4** for further discussion.

    c. Sand and clay percentage not supplied for a component soil in a particular soil map unit, but data was supplied for that component soil in a different soil map unit in the same NRCS soil survey. For this case, there was usually no physical data record, but a component percentage was supplied. New physical data records were added based on the physical data available from another soil map unit. Those data were used to compute Conductivity for the missing component. The component with lowest Conductivity was used.

    d. When a particular soil is identified as rock outcrop or natural impervious area, Green and Ampt parameters are not computed unless it is the only component in the map unit. In these cases, the component % is used to represent natural imperviousness in the Green and Ampt procedure as Rock % or Impervious % values.

    e. If computations fail for one of the horizons/layers due to missing input parameters and computations are SUCCESSFUL for other layers in the component (script routine), the Green and Ampt values computed successfully are used instead of using values from Miscellaneous Soils table.

Green and Ampt parameters for soils included on the soils surveys listed in Table B-1 are listed in Table B-4. Table B-4 includes the Saxton and Rawls (2006) calculated soils parameters as well as the adjustments noted above. A full list of the adjustments incorporated into the calculation of the Green and Ampt rainfall loss parameters is available from ADOT.

Table B-2 Green and Ampt Parameters Based on Texture for Miscellaneous Soils

Texture	Conductivity (in/hr)	Suction (in)	Moisture Content		
			Wilting Point (dry)	Field Capacity (normal)	Saturated
Sand	2.00	0.29	0.021	0.059	0.411
Loamy sand	1.61	0.60	0.030	0.073	0.339
Sandy loam	0.74	2.97	0.058	0.144	0.384
Gravelly sandy loam	0.49	4.71	0.058	0.144	0.384
Loam	0.19	8.19	0.110	0.238	0.390
Gravelly loam	0.13	9.15	0.110	0.238	0.390
Sandy clay loam	0.11	9.49	0.167	0.259	0.393
Silt	0.08	10.03	0.047	0.281	0.369
Extremely gravelly loam	0.08	10.03	0.110	0.238	0.390
Very gravelly loam	0.08	10.03	0.110	0.238	0.390
Silt loam	0.08	10.03	0.124	0.297	0.405
Silty clay Loam	0.04	10.80	0.204	0.370	0.456
Clay loam	0.04	10.80	0.204	0.336	0.429
Gravelly clay	0.01	11.42	0.296	0.423	0.478
Sandy clay	0.01	11.42	0.251	0.360	0.424
Silty clay	0.03	11.00	0.277	0.421	0.504
Clay	0.01	11.42	0.296	0.423	0.478
Rock	0.01	11.42	0.296	0.423	0.478
Unknown texture	0.01	11.42	0.296	0.423	0.478

B.3.4 Miscellaneous Component Soils

The miscellaneous component soils were addressed before computing the composite values of Green and Ampt parameters for each soil map unit. A list of missing component soil types from the soil surveys evaluated is shown in Table B-3. A texture class was assigned for each missing component using one of three approaches identified in Table B-3 under Assignment Logic:

1. *Lowest XKSAT from same compname* - If the Component was listed in another soil survey, the texture was assigned based on that survey.

2. *Soil Texture* - The NRCS Soil Taxonomy Handbook was consulted and the assignment made based on the typical texture for the soil order corresponding to that component. Green and Ampt parameters were then assigned based on values in **Table B-2**.

3. *Assigned to similar soil* - If methods 1 or 2 above could not be used, then the texture was assigned based on engineering judgment.

The source of the missing component identified under the Assignment Logic is identified under the Assignment Source. The following abbreviations were used in the Assignment Source column:

Abbreviations for STATSGO general soil surveys:

Gsmsoil_az – General soil survey for Arizona (AZ), New Mexico (NM), Nevada (NV), or Utah (UT)

Soil_az683_1C – Soil_ is for Detailed soils survey, az683 identifies the detailed soil survey used and _1C identifies the soils component used to complete the data for the referenced Component Name.

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
Abrazo	Lowest xksat from same compname	gsmsoil_az_s5325
Adman	Lowest xksat from same compname	gsmsoil_nm_s5394
Aftaden	Lowest xksat from same compname	gsmsoil_nm_s5324
ahlstrom silt	Soil Texture	Silt
Alegros	Lowest xksat from same compname	gsmsoil_nm_s5401
Alhstrom	Soil Texture	Silt
alldowm clay	Soil Texture	Clay
Alldown	Lowest xksat from same compname	soil_ut636_2
alldown alkali loam	Assigned to similar soil	alldown
alldown clay	Soil Texture	Clay
alluvial land	Lowest xksat from same compname	soil_nv608_Ad
Alsco	Lowest xksat from same compname	gsmsoil_az_s439
Amos	Lowest xksat from same compname	soil_az683_1C
Andys	Lowest xksat from same compname	soil_ut636_6
andys loam	Assigned to similar soil	Andys
Antho	Lowest xksat from same compname	soil_az656_3A
Aparejo	Lowest xksat from same compname	soil_nm682_45
Argalt	Lowest xksat from same compname	gsmsoil_nv_s5594
argic petrocalcids	Lowest xksat from same compname	soil_az675_7
aridic argiustolls	Lowest xksat from same compname	soil_nm648_385
aridic haplustalfs	Lowest xksat from same compname	soil_nm662_74

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
aridic haplustepts	Lowest xksat from same compname	soil_az712_1
aridic lithic ustorthents	Soil Texture	Sand
Arizo	Lowest xksat from same compname	soil_nv788_107
Armendaris	Lowest xksat from same compname	gsmsoil_nm_s5324
Atarque	Lowest xksat from same compname	gsmsoil_az_s5168
Atascosa	Lowest xksat from same compname	gsmsoil_az_s434
Badland	Soil Texture	Loam
Badlands	Soil Texture	Loam
Baldfield	Lowest xksat from same compname	soil_ut636_10
baldfield clay	Assigned to similar soil	baldfield
Baldy	Lowest xksat from same compname	soil_az693_3
Balon	Lowest xksat from same compname	soil_az637_AlC
Barx	Lowest xksat from same compname	soil_az623_8
basalt rock land	Soil Texture	Rock
Bayfield	Lowest xksat from same compname	soil_ut636_13
beardall family	Lowest xksat from same compname	gsmsoil_ut_s8216
Beeline	Lowest xksat from same compname	gsmsoil_az_s1140
Befar	Lowest xksat from same compname	soil_ut636_14
Behanim	Assigned to similar soil	behanin
Behanin	Lowest xksat from same compname	soil_ut636_15
Belcher	Lowest xksat from same compname	gsmsoil_nv_s5466
Benally	Lowest xksat from same compname	gsmsoil_nm_s5174
bernal family	Lowest xksat from same compname	gsmsoil_ut_s8179
Bernardino	Lowest xksat from same compname	soil_az671_134
Blackmount	Lowest xksat from same compname	gsmsoil_nv_s1124
Blancot	Lowest xksat from same compname	gsmsoil_az_s5177
Blimo	Lowest xksat from same compname	gsmsoil_nv_s5436
blown out land	Soil Texture	Clay
blown-out land	Soil Texture	Clay
Bluegyp	Soil Texture	Sandy loam
bond family	Lowest xksat from same compname	gsmsoil_az_s362
Bonita	Lowest xksat from same compname	soil_az663_5
borolic natrargids	Soil Texture	Clay
borollic natragrids	Soil Texture	Clay
borrow pit	Soil Texture	Sandy loam
borrow pits	Soil Texture	Sandy loam
Bracken	Lowest xksat from same compname	soil_nv755_360

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
Brenda	Lowest xksat from same compname	gsmsoil_nm_s5317
Brent	Lowest xksat from same compname	gsmsoil_ut_s8212
Broncho	Lowest xksat from same compname	soil_ut636_18
Bruman	Lowest xksat from same compname	soil_ut636_23
Brycan	Lowest xksat from same compname	gsmsoil_nm_s5393
Cabezon	Lowest xksat from same compname	gsmsoil_az_s5170
calcic petrocalcids	Lowest xksat from same compname	soil_nv755_581
Calciorthids	Lowest xksat from same compname	soil_az623_78
Callings	Lowest xksat from same compname	soil_ut636_28
Calpeak	Lowest xksat from same compname	gsmsoil_nv_s5691
Cannonville	Lowest xksat from same compname	soil_ut636_29
cannonville clay	Soil Texture	Clay
cannonville very stony clay	Soil Texture	Clay
Cantina	Lowest xksat from same compname	gsmsoil_nm_s5161
Carefree	Lowest xksat from same compname	gsmsoil_az_s287
Casaga	Lowest xksat from same compname	gsmsoil_nv_s5584
Castino	Lowest xksat from same compname	soil_ut636_31
castino extremely cobbly loam	Soil Texture	extremely gravelly loam
castino gravelly silt loam	Soil Texture	Silt loam
Casto	Lowest xksat from same compname	soil_az667_CmE
Caval	Lowest xksat from same compname	soil_ut641_CaD
Cave	Lowest xksat from same compname	gsmsoil_az_s5577
cave family	Lowest xksat from same compname	gsmsoil_az_s5577
Cellar	Lowest xksat from same compname	soil_az637_CmD
Charkiln	Lowest xksat from same compname	soil_nv755_705
Chiricahua	Lowest xksat from same compname	soil_az627_106
Cibeque	Lowest xksat from same compname	gsmsoil_az_s497
cinder land	Soil Texture	Sand
Circleville	Lowest xksat from same compname	soil_ut636_34
clapper cobbly loam	Soil Texture	gravelly loam
coal mine land	Soil Texture	Clay
coal mine lands	Soil Texture	Clay
coarse textured soils	Soil Texture	Sandy loam
codely silt	Soil Texture	Silt
Codley	Lowest xksat from same compname	gsmsoil_ut_s8227
Collbran	Lowest xksat from same compname	gsmsoil_az_s332

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
collbran family	Lowest xksat from same compname	gsmsoil_ut_s8219
Colona	Soil Texture	silty clay
Colorock	Lowest xksat from same compname	gsmsoil_nv_s5574
Comodore	Lowest xksat from same compname	soil_ut636_39
Conger	Lowest xksat from same compname	soil_nm662_8
Coni	Lowest xksat from same compname	soil_nm648_625
Continental	Lowest xksat from same compname	soil_az663_43
Crestline	Lowest xksat from same compname	soil_ut636_40
Cristobal	Lowest xksat from same compname	soil_az649_21
Cruces	Lowest xksat from same compname	gsmsoil_nm_s5323
Cryoborolls	Soil Texture	Not Sure
Cryorthents	Soil Texture	Not Sure
crystal springs	Lowest xksat from same compname	soil_nv608_CYB
Curecanti	Lowest xksat from same compname	soil_ut686_5205
Dagflat	Lowest xksat from same compname	gsmsoil_nv_s5598
Dalcan	Lowest xksat from same compname	gsmsoil_ut_s8217
Dam	Soil Texture	Clay
Dams	Soil Texture	Clay
decan family	Lowest xksat from same compname	gsmsoil_ut_s8177
deep clay in dperssional areas	Soil Texture	Clay
deep sandy soils that have a subsoil of calcareous loam	Soil Texture	Sandy loam
deep soils similar to andys	Assigned to similar soil	Andys
deep, grayish brown very stony loam	Soil Texture	very gravelly loam
deerlodge family	Lowest xksat from same compname	gsmsoil_nv_s5563
Deltajo	Lowest xksat from same compname	gsmsoil_nm_s5316
denied access	Soil Texture	Clay
Denmark	Lowest xksat from same compname	gsmsoil_ut_s8203
Denpark	Lowest xksat from same compname	soil_nv713_1114
Descot	Lowest xksat from same compname	soil_ut636_42
Diatee	Lowest xksat from same compname	gsmsoil_nm_s5395
dimyaw family soil	Soil Texture	silty clay
Dorper	Lowest xksat from same compname	gsmsoil_nv_s5610
Drygyp	Lowest xksat from same compname	soil_nv755_950
dumps	Soil Texture	Clay
dumps, cobbly	Soil Texture	Clay

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
dumps, stony	Soil Texture	Clay
dumps, tailings	Soil Texture	Clay
dune land	Lowest xksat from same compname	soil_nv608_WCE
durorthids	Soil Texture	Not Sure
dystric cryochrepts	Lowest xksat from same compname	gsmsoil_az_s477
ebon	Lowest xksat from same compname	soil_az645_44
elledge	Lowest xksat from same compname	gsmsoil_az_s386
eloma	Lowest xksat from same compname	soil_az673_20
entero	Lowest xksat from same compname	gsmsoil_nv_s5673
eroded land	Soil Texture	Sandy loam
escavada	Lowest xksat from same compname	soil_nm717_160
ess	Lowest xksat from same compname	soil_az675_32
eutric glossoboralfs	Lowest xksat from same compname	gsmsoil_az_s407
evanston	Lowest xksat from same compname	soil_ut636_48
fajada	Lowest xksat from same compname	soil_nm692_116
falcon family	Lowest xksat from same compname	gsmsoil_ut_s8176
fine textured soils	Soil Texture	Clay
flaco	Lowest xksat from same compname	gsmsoil_az_s5331
fluvaquents	Lowest xksat from same compname	soil_az671_86
frandsen	Lowest xksat from same compname	soil_ut636_139
gabbvally	Lowest xksat from same compname	soil_nv754_1113
galestina	Lowest xksat from same compname	gsmsoil_az_s5169
garr	Lowest xksat from same compname	gsmsoil_az_s449
graham	Lowest xksat from same compname	soil_az673_24
gralic family	Lowest xksat from same compname	gsmsoil_ut_s8176
gran	Lowest xksat from same compname	soil_az645_61
gravel pit	Soil Texture	Sand
gravel pits	Soil Texture	Sand
gravelly alluvial land	Lowest xksat from same compname	soil_az668_VgB
gravelly fine textured soil	Soil Texture	gravelly clay
greengrove	Soil Texture	gravelly sandy loam
greenhalgh	Lowest xksat from same compname	soil_ut636_54
greenhalgh silt	Assigned to similar soil	greenhalgh
grimm	Lowest xksat from same compname	soil_ut636_56
guardian	Lowest xksat from same compname	soil_nv755_235
guben	Lowest xksat from same compname	soil_ut636_162
guben gravelly loam	Soil Texture	gravelly loam

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
gullied land	Lowest xksat from same compname	soil_az668_Gu
gustspring	Lowest xksat from same compname	gsmsoil_az_s5396
gypsids	Soil Texture	Sandy clay loam
gypsiorthids	Soil Texture	Sandy clay loam
gyptur	Lowest xksat from same compname	soil_nm717_113
haarvar	Lowest xksat from same compname	gsmsoil_nv_s5691
haplargids	Soil Texture	Clay
haplocalcids	Lowest xksat from same compname	gsmsoil_az_s5581
haplocambids	Soil Texture	Sandy clay loam
haplogypsids	Lowest xksat from same compname	soil_az661_93
haplustolls	Lowest xksat from same compname	soil_nm662_86
hardbasin	Lowest xksat from same compname	soil_nv755_177
harol	Lowest xksat from same compname	soil_ut636_59
hatch	Lowest xksat from same compname	gsmsoil_ut_s8234
hawkeye	Lowest xksat from same compname	gsmsoil_az_s432
heflin	Soil Texture	clay loam
henreville	Assigned to similar soil	henrieville
henrieville	Lowest xksat from same compname	soil_ut636_64
henriville sandy loam	Assigned to similar soil	henrieville
hetz	Soil Texture	clay loam
hiarc	Lowest xksat from same compname	soil_nm648_700
hiko springs	Soil Texture	Sandy loam
honlu	Soil Texture	gravelly loam
hoodle	Lowest xksat from same compname	soil_ut634_514
hoskinnini	Lowest xksat from same compname	soil_az707_15
house mountain	Lowest xksat from same compname	soil_az641_Hm
hoye	Lowest xksat from same compname	gsmsoil_ut_s8207
hubert	Lowest xksat from same compname	gsmsoil_az_s357
hyder	Lowest xksat from same compname	soil_az657_245
ipson	Lowest xksat from same compname	soil_ut636_71
itca	Lowest xksat from same compname	gsmsoil_nv_s5603
itca family	Lowest xksat from same compname	gsmsoil_nv_s5563
jacee	Lowest xksat from same compname	gsmsoil_az_s5333
jean	Lowest xksat from same compname	soil_nv788_262
jeddito	Lowest xksat from same compname	soil_az707_19
jocity	Lowest xksat from same compname	soil_az707_35
jodero	Lowest xksat from same compname	soil_ut636_72

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
jodero loam	Assigned to similar soil	Jodero
joraibi	Lowest xksat from same compname	soil_az714_14
judd	Lowest xksat from same compname	gsmsoil_nm_s5327
junkett	Lowest xksat from same compname	gsmsoil_ut_s8203
kinan	Lowest xksat from same compname	soil_az625_16
knep	Lowest xksat from same compname	gsmsoil_ut_s8173
kopie	Lowest xksat from same compname	gsmsoil_az_s465
laborcita	Lowest xksat from same compname	gsmsoil_nm_s5316
ladron	Lowest xksat from same compname	gsmsoil_nm_s5328
ladyofsnow	Lowest xksat from same compname	soil_nv755_775
las vegas	Lowest xksat from same compname	soil_nv788_105
lava flows	Soil Texture	Rock
lazear	Lowest xksat from same compname	soil_ut686_5105
lehmans	Lowest xksat from same compname	soil_az637_Le
lemitar	Lowest xksat from same compname	gsmsoil_az_s335
levee	Soil Texture	Clay
ligurta	Lowest xksat from same compname	soil_az649_26
limestone rock outcrop	Soil Texture	Clay
lithic calciargids	Soil Texture	Loam
lithic haplargids	Lowest xksat from same compname	soil_az707_14
lithic haplocalcids	Lowest xksat from same compname	soil_nv755_750
lithic haplocambids	Soil Texture	Sandy clay loam
lithic haplustalfs	Lowest xksat from same compname	gsmsoil_az_s391
lithic haplustolls	Lowest xksat from same compname	soil_nm662_83
lithic torriorthents	Lowest xksat from same compname	soil_ut686_5149
lithic ustic haplargids	Soil Texture	Loam
lithic ustic torriorthents	Lowest xksat from same compname	soil_az713_27
lithic ustorthents family	Soil Texture	Sand
Loam	Soil Texture	Loam
loamy alluvial land	Soil Texture	Loam
Losee	Lowest xksat from same compname	soil_ut636_77
losee gravelly	Soil Texture	gravelly loam
losee gravelly loam	Soil Texture	gravelly loam
losee gravelly sandy loam	Soil Texture	gravelly sandy loam
Luhon	Lowest xksat from same compname	gsmsoil_ut_s8227
Lynx	Lowest xksat from same compname	soil_az631_55
mabray	Lowest xksat from same compname	soil_az675_49

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
Maes	Lowest xksat from same compname	gsmsoil_az_s425
magdalena	Lowest xksat from same compname	gsmsoil_nm_s5328
marsh	Soil Texture	Clay
marshes	Soil Texture	Clay
maryjane	Lowest xksat from same compname	soil_nv755_916
mcneal	Lowest xksat from same compname	soil_az671_99
medium textured soils taht have a loam surface	Soil Texture	Loam
medium textured, gravelly soils	Soil Texture	gravelly loam
Menefee	Lowest xksat from same compname	soil_nm717_418
Mikim	Lowest xksat from same compname	soil_ut636_91
mikim clay	Soil Texture	Clay
Millett	Lowest xksat from same compname	gsmsoil_nm_s5328
mine pit	Soil Texture	Clay
mined land	Soil Texture	Clay
Mion	Lowest xksat from same compname	gsmsoil_nm_s5250
miscellaneous water	Soil Texture	Clay
Mitch	Lowest xksat from same compname	soil_ut636_108
mitch silt	Assigned to similar soil	Mitch
Mivida	Lowest xksat from same compname	soil_ut636_95
moderately deep soils	Soil Texture	Loam
moderately deep soils similar to lazear	Soil Texture	gravelly loam
moderately deep soils similar to zyme	Soil Texture	clay loam
Moenkopie	Lowest xksat from same compname	soil_az715_112
mokiak family	Lowest xksat from same compname	gsmsoil_ut_s8180
Momoli	Lowest xksat from same compname	soil_az653_51
Motoqua	Lowest xksat from same compname	gsmsoil_nm_s5394
motoqua family	Assigned to similar soil	motoqua
Muzzler	Lowest xksat from same compname	gsmsoil_az_s5325
muzzler family	Lowest xksat from same compname	gsmsoil_ut_s8180
Nebona	Lowest xksat from same compname	gsmsoil_nv_s1127
Neskahi	Soil Texture	Sandy loam
Neto	Lowest xksat from same compname	soil_ut636_97
Nickel	Lowest xksat from same compname	soil_az645_39
Nogal	Lowest xksat from same compname	gsmsoil_az_s5169

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
Nolam	Lowest xksat from same compname	soil_az666_62
Noobab	Soil Texture	noobab
not complete	Soil Texture	Clay
Notcom	Soil Texture	Clay
Notcomm	Soil Texture	Clay
Notter	Lowest xksat from same compname	soil_ut636_100
notter gravelly loam	Soil Texture	gravelly loam
notter variant	Lowest xksat from same compname	soil_ut636_104
Nuffel	Lowest xksat from same compname	soil_az633_43
Ocambee	Lowest xksat from same compname	gsmsoil_ut_s8203
Oljeto	Soil Texture	loamy sand
Orthents	Lowest xksat from same compname	soil_nm662_41
Osote	Lowest xksat from same compname	soil_ut636_1
Overgaard	Lowest xksat from same compname	soil_az683_61B
pachic argiustolls	Lowest xksat from same compname	soil_az675_54
pachic haplustolls	Lowest xksat from same compname	soil_az713_26
Pahreah	Lowest xksat from same compname	soil_ut636_105
pahreah, gravelly loam	Soil Texture	gravelly loam
Panguitch	Lowest xksat from same compname	soil_ut636_109
panguitch gravelly loam	Soil Texture	gravelly loam
Parquat	Lowest xksat from same compname	gsmsoil_nm_s5399
Partri	Lowest xksat from same compname	gsmsoil_az_s381
pastura family	Lowest xksat from same compname	gsmsoil_az_s8187
Paunsaugunt	Lowest xksat from same compname	soil_ut634_444
Peloncillo	Lowest xksat from same compname	soil_az663_25
Pinaleno	Lowest xksat from same compname	soil_az645_40
Pinamt	Lowest xksat from same compname	soil_az661_75
Pits	Lowest xksat from same compname	soil_nm662_46
pits, borrow	Assigned to similar soil	borrow pits
pits, gravel	Lowest xksat from same compname	soil_ut636_175
pits, mine	Assigned to similar soil	pits, gravel
pits-dumps, mine	Assigned to similar soil	pits, gravel
Playa	Soil Texture	Silty clay loam
Playas	Lowest xksat from same compname	gsmsoil_nv_s5427
Pleioville	Lowest xksat from same compname	gsmsoil_nm_s5393
plite sandy loam	Soil Texture	Sandy loam
Podo	Lowest xksat from same compname	soil_ut636_115

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
Poley	Lowest xksat from same compname	soil_nm682_262
poorly drained soils	Lowest xksat from same compname	soil_ut634_377
poorly drained textured soils	Soil Texture	Clay
Psamments	Soil Texture	Sand
quarries and pits	Soil Texture	Clay
Quazo	Lowest xksat from same compname	gsmsoil_nv_s5598
Quilt	Lowest xksat from same compname	soil_ut634_392
Ralphston	Lowest xksat from same compname	gsmsoil_az_s5396
Redcreek	Lowest xksat from same compname	soil_ut636_120
redcreek cobbly loam	Soil Texture	gravelly loam
Renbac	Lowest xksat from same compname	gsmsoil_az_s8182
Ripley	Lowest xksat from same compname	gsmsoil_az_s275
Riverwash	Lowest xksat from same compname	gsmsoil_az_s337
Robbersfire	Lowest xksat from same compname	soil_nv755_772
rock land	Lowest xksat from same compname	soil_az668_Rv
rock land (rock outc	Soil Texture	Rock
rock outcrop	Soil Texture	Rock
rock outcrop with shale and sandstone	Soil Texture	Rock
rough broken and stony land	Soil Texture	Rock
rough broken land	Lowest xksat from same compname	soil_az668_Rw
Roval	Lowest xksat from same compname	soil_nv713_1745
rubble land	Soil Texture	Loam
Rubbleland	Soil Texture	Loam
Ruko	Lowest xksat from same compname	soil_ut686_5191
ruko clay	Assigned to similar soil	Ruko
Salorthids	Soil Texture	Not Sure
sampson family	Lowest xksat from same compname	gsmsoil_ut_s8180
san mateo	Lowest xksat from same compname	soil_nm692_230
Sandoval	Lowest xksat from same compname	gsmsoil_nm_s5235
sandstone outcrop	Soil Texture	Rock
sandstone rock land	Soil Texture	Rock
sandy alluvial land	Lowest xksat from same compname	soil_az635_SD
sandy soils	Soil Texture	Sand
Satt	Lowest xksat from same compname	gsmsoil_nv_s5602
Schauson	Lowest xksat from same compname	soil_ut636_127
Sevier	Lowest xksat from same compname	soil_ut636_129

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
Sevy	Lowest xksat from same compname	gsmsoil_ut_s8207
sewage lagoons	Soil Texture	Clay
shallow gravelly soils	Soil Texture	gravelly clay
shallow soils that have less than 35 percent rock fragments	Soil Texture	clay
Sheege	Lowest xksat from same compname	soil_ut636_130
Sheppard	Lowest xksat from same compname	gsmsoil_nm_s5174
showalter cobbly loam	Soil Texture	gravelly loam
Sielo	Lowest xksat from same compname	soil_ut636_106
sielo, fine sandy loam	Soil Texture	Sandy loam
Signal	Lowest xksat from same compname	soil_az663_38
Siroco	Lowest xksat from same compname	gsmsoil_ut_s8217
Skos	Lowest xksat from same compname	gsmsoil_az_s8198
Skutum	Lowest xksat from same compname	soil_ut636_134
Skyhaven	Lowest xksat from same compname	gsmsoil_nv_s1144
Skyvillage	Lowest xksat from same compname	soil_az715_14
Slatery	Lowest xksat from same compname	gsmsoil_nv_s5672
Slickens	Lowest xksat from same compname	soil_nv713_1840
Slickspot	Soil Texture	Clay
small depressions	Soil Texture	Sand
Smilo	Lowest xksat from same compname	gsmsoil_nm_s5394
sodic haplocalcids	Soil Texture	Sandy clay loam
soils similar to jodero soil near panguitch	Assigned to similar soil	jodero
soils similar to lazear soil	Assigned to similar soil	lazear
soils similar to the gerst family soils	Soil Texture	gravelly loam
soils similar to the podo soil	Assigned to similar soil	podo
soils similar to these dimyaw soils	Soil Texture	silty clay
soils that are shallow to moderately deep to a lime-cemented	Soil Texture	Clay
soils that are similar to clapper soil	Soil Texture	gravelly loam
soils that are similar to mikim soil	Assigned to similar soil	mikim

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
soils that are similar to mitch soil	Assigned to similar soil	panguitch
soils that are similar to panguitch soil	Assigned to similar soil	schauson
soils that are similar to schauson soil	Assigned to similar soil	schauson
soils that are similar to schauson soil but with lime	Assigned to similar soil	schauson
soils with bedrock at 40-60 inches	Soil Texture	loam
soils with very cobbly surface	Soil Texture	gravelly loam
soldier	Lowest xksat from same compname	soil_az643_SlC
sontag	Lowest xksat from same compname	soil_az661_39
sparank	Lowest xksat from same compname	gsmsoil_nm_s5235
sparkhule	Lowest xksat from same compname	gsmsoil_az_s1126
sponseller	Lowest xksat from same compname	soil_az683_91B
st. thomas	Lowest xksat from same compname	gsmsoil_az_s1126
stagecoach	Lowest xksat from same compname	gsmsoil_az_s361
stony colluvial land	Soil Texture	Silt
stony hilly land	Soil Texture	Rock
stony land	Soil Texture	Rock
stony rock land	Soil Texture	Rock
stony rough land	Soil Texture	Rock
swapps	Lowest xksat from same compname	gsmsoil_ut_s8232
syrett	Lowest xksat from same compname	soil_ut634_488
tanbark	Lowest xksat from same compname	gsmsoil_az_s331
tebbs	Lowest xksat from same compname	soil_ut636_142
tecopa	Lowest xksat from same compname	gsmsoil_nv_s1134
tewa	Lowest xksat from same compname	soil_az711_61
tolman	Lowest xksat from same compname	gsmsoil_nm_s5394
torreon	Lowest xksat from same compname	gsmsoil_az_s5170
torrifluvents	Lowest xksat from same compname	soil_az623_64
torriorthents	Lowest xksat from same compname	soil_az623_45
torripsamments	Lowest xksat from same compname	soil_az656_4
travertine rock land	Soil Texture	Rock
travessilla	Lowest xksat from same compname	gsmsoil_az_s5177
tremant	Lowest xksat from same compname	soil_az651_Th

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
tridell	Lowest xksat from same compname	soil_ut636_149
troughspring	Lowest xksat from same compname	soil_nv755_715
turba	Lowest xksat from same compname	soil_nv713_1460
typic calciargids	Lowest xksat from same compname	soil_nv755_147
typic calciorthids	Soil Texture	Clay
typic haplargids	Lowest xksat from same compname	soil_az711_54
typic haplocalcids	Lowest xksat from same compname	soil_az715_121
typic haplocambids	Lowest xksat from same compname	soil_az711_58
typic haplogypsids	Lowest xksat from same compname	soil_nv755_390
typic petrocalcids	Lowest xksat from same compname	soil_nv755_870
typic torrifluvents	Soil Texture	Sandy loam
typic torrifolists	Soil Texture	Not Sure
typic torriorthents	Lowest xksat from same compname	soil_nv755_220
typic torripsamments	Soil Texture	Sand
ubehebe	Lowest xksat from same compname	gsmsoil_nv_s5672
udic haplustolls	Soil Texture	Silt loam
umil	Lowest xksat from same compname	gsmsoil_nv_s5426
umil family	Lowest xksat from same compname	gsmsoil_ut_s8202
upspring	Lowest xksat from same compname	gsmsoil_az_s1126
uranium mined lands	Soil Texture	Clay
urban land	Soil Texture	Sandy loam
urban lands	Soil Texture	Sandy loam
ustic haplargids	Lowest xksat from same compname	soil_az711_65
ustic haplocalcids	Lowest xksat from same compname	soil_nv755_705
ustic haplocambids	Lowest xksat from same compname	soil_az713_64
ustic petrocalcids	Soil Texture	Sandy clay loam
ustic torrifluvents	Lowest xksat from same compname	soil_az633_51
ustic torriorthents	Lowest xksat from same compname	soil_az687_551
ustifluventic haplocambids	Lowest xksat from same compname	soil_az673_54
ustochrepts	Soil Texture	Not Sure
ustollic haplargids	Lowest xksat from same compname	soil_az633_71
ustorthents	Lowest xksat from same compname	gsmsoil_az_s450
utaline	Soil Texture	gravelly loam
uzona	Lowest xksat from same compname	soil_az714_41
vanet	Lowest xksat from same compname	soil_ut636_140
venezia	Lowest xksat from same compname	gsmsoil_az_s380
venture	Lowest xksat from same compname	soil_ut636_152

Table B-3 List of Miscellaneous Component Soils

Component Name	Assignment Logic	Assignment Source
very cobbly soils that are 40 to 60 inches deep to bedrock	Soil Texture	gravelly loam
very saline soils	Soil Texture	Silt
very shallow soils	Soil Texture	Clay
Vessilla	Lowest xksat from same compname	soil_ut686_5183
Veyo	Lowest xksat from same compname	gsmsoil_az_s8187
villy family soils	Soil Texture	Silty clay loam
Vindicator	Lowest xksat from same compname	gsmsoil_nv_s5673
vitrandic haplocalcids	Soil Texture	Sandy clay loam
vitrandic haplocambids	Soil Texture	Sandy clay loam
vitrixerandic haplocambids	Lowest xksat from same compname	soil_nv713_1898
Viuda	Lowest xksat from same compname	gsmsoil_az_s5333
Wakansapa	Lowest xksat from same compname	soil_nv713_1173
Water	Soil Texture	Rock
Weiser	Lowest xksat from same compname	soil_nv608_WGC
Weska	Lowest xksat from same compname	gsmsoil_az_s5177
Whitebasin	Lowest xksat from same compname	soil_nv608_WHE
Whiteman	Lowest xksat from same compname	soil_ut634_512
Widtsoe	Lowest xksat from same compname	soil_ut686_5205
Wiggler	Lowest xksat from same compname	soil_ut636_115
Wineg	Lowest xksat from same compname	gsmsoil_az_s417
Winetti	Lowest xksat from same compname	soil_ut686_5207
Winnemucca	Lowest xksat from same compname	gsmsoil_ut_s8216
Winona	Lowest xksat from same compname	soil_az699_53
Woodrow	Lowest xksat from same compname	gsmsoil_ut_s8212
Woodspring	Lowest xksat from same compname	soil_nv755_805
Yaki	Lowest xksat from same compname	gsmsoil_az_s8187
Yarts	Lowest xksat from same compname	soil_ut636_166
yarts sandy loam	Soil Texture	Sandy loam
Yenlo	Lowest xksat from same compname	gsmsoil_ut_s8227
Zillion	Lowest xksat from same compname	soil_ut636_170
Zinzer	Lowest xksat from same compname	gsmsoil_ut_s8227
Zoate	Lowest xksat from same compname	gsmsoil_nv_s5603
zyme clay	Soil Texture	Clay

B.3.5 Computation of Composite Conductivity for each Soil Map Unit

The computed composite value of Conductivity for each SMU for the 2006 method was done using **Equation 3.1**.

$$\overline{Conductivity} = a\log\left(\frac{\sum A_i \log Conductivity_i}{A_T}\right) \qquad \text{Equation 3.1}$$

where:

$\overline{Conductivity}$ = composite bare ground hydraulic conductivity for the SMU (or watershed sub-basin), inches/hour

$Conductivity_i$ = bare ground hydraulic conductivity of the SMU component soil, inches/hour

A_i = component area in % of SMU

A_T = Total % of the SMU components

When the SMU component percentages do not total 100%, the percentages were normalized to total 100%.

B.3.6 Computation of Suction and Soil Moisture Content for each Soil Map Unit

First the suction for each soil component was calculated using Rawls, Brakensiek and Miller (1983) Equation 5, Suction can be calculated from the estimated Brooks and Corey constants using **Equation B.1**:

$$Suction = \frac{2\lambda + 3}{2\lambda + 2}\left(\frac{\psi_b}{2}\right) \qquad \text{Equation B.1}$$

where:

Suction = wetting front capillary pressure, in inches,

λ = the pore-size distribution index (defined as the slope of the logarithmic tension-moisture curve in Saxton and Rawls, 2006), and,

ψ_b = bubbling pressure (defined as the tension at air entry, ψ_e, in Saxton and Rawls, 2006), in inches of water. The value used for Mohave County is adjusted as shown in the Excel spreadsheet provided by Saxton and Rawls (2006).

Then computation of composite values of Suction for each soil map unit was performed using a procedure similar to the log-weighted average method presented for Conductivity in **Section B.3.5**.

The Soil Moisture Content values for each component were computed using the equations in Section B.3.1.3. Further explanation of the procedure for determining Soil Moisture values is also included in the Drainage Design Manual for Mohave County, 2nd Edition.

The composite Soil Moisture Content values (e.g. Wilting Point, Field Capacity, and Saturated Contents) for each SMU were computed using an area-weighted procedure.

B.3.7 Recommended Conductivity Method

The Saxton and Rawls (2006) Green and Ampt parameter method is accepted for use in surface water hydrology by ADOT. The Green and Ampt parameter values of bare ground for each soils map unit (SMU or MUSYM in NRCS tables) are listed in Table B-4, organized by NRCS soil survey.

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ623	1	Akinville-Mokaac association, 2 to 20 percent slopes	0.05	0.15	0.39	4.91	0.45	0
AZ623	2	Albers silty clay, 0 to 1 percent slopes	0.3	0.42	0.5	13.51	0.02	0
AZ623	3	Arada family loamy fine sand, 1 to 10 percent slopes	0.03	0.09	0.4	1.17	1.64	0
AZ623	4	Arizo gravelly sandy loam, 1 to 5 percent slopes, nonflooded	0.06	0.14	0.39	4.6	0.61	0
AZ623	5	Arizo very gravelly sandy loam, 1 to 5 percent slopes, flooded	0.06	0.14	0.39	4.6	0.52	0
AZ623	6	Badland	0.11	0.24	0.39	8.19	0.19	0
AZ623	7	Bard family-Tonopah-Arada family association, 1 to 10 percent slopes	0.02	0.09	0.4	1.16	1.47	0
AZ623	8	Barx fine sandy loam, 1 to 5 percent slopes	0.19	0.32	0.43	16.63	0.07	0
AZ623	9	Barx-Strych complex, 1 to 10 percent slopes	0.1	0.23	0.4	13.94	0.19	0
AZ623	10	Berzatic family-Rock outcrop-Goblin complex, 35 to 70 percent slopes	0.08	0.19	0.39	10.95	0.24	30
AZ623	11	Bisoodi-Anasazi family complex, 1 to 8 percent slopes	0.09	0.22	0.42	12.12	0.35	0
AZ623	12	Blind family-Shelley complex, 5 to 15 percent slopes, moist	0.06	0.12	0.4	1.83	0.59	0
AZ623	13	Blind family-Shelley complex, 5 to 15 percent slopes, stony	0.07	0.15	0.39	4.82	0.38	0
AZ623	14	Boquillas family-Showlow complex, 25 to 50 percent slopes	0.21	0.35	0.45	15.08	0.04	0
AZ623	15	Carrizo complex, 1 to 5 percent slopes	0.03	0.1	0.4	1.45	0.96	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ623	16	Cave-Harrisburg-Grapevine complex, 1 to 15 percent slopes	0.06	0.14	0.39	4.05	0.61	0
AZ623	17	Chic-Teesto-Rock outcrop complex, 1 to 30 percent slopes	0.11	0.24	0.4	14.49	0.14	15
AZ623	18	Childers-Rizno association, 4 to 15 percent slopes	0.09	0.2	0.4	9.07	0.34	0
AZ623	19	Dera very gravelly fine sandy loam, 1 to 10 percent slopes	0.08	0.2	0.39	13.78	0.3	0
AZ623	20	Dermala family-Guy family-Rock outcrop complex, 10 to 40 percent slopes	0.17	0.3	0.43	16.28	0.07	20
AZ623	21	Disterheff-Natank-Yumtheska complex, 2 to 15 percent slopes	0.17	0.31	0.44	13.79	0.1	0
AZ623	22	Dutchman-McCullan complex, 1 to 10 percent slopes	0.08	0.19	0.4	7.85	0.39	0
AZ623	23	Goblin gravelly fine sandy loam, 15 to 50 percent slopes	0.07	0.15	0.4	3.47	0.57	0
AZ623	24	Goblin-Gyppocket complex, 2 to 10 percent slopes	0.08	0.18	0.39	5.99	0.37	0
AZ623	25	Goesling loam, 1 to 5 percent slopes	0.11	0.24	0.44	10.52	0.41	0
AZ623	26	Grapevine-Hobcan complex, 1 to 5 percent slopes	0.06	0.15	0.39	4.7	0.6	0
AZ623	27	Grapevine-Shelley complex, 1 to 5 percent slopes	0.07	0.15	0.39	4.65	0.53	0
AZ623	28	Gypill-Badland association, 10 to 70 percent slopes	0.08	0.21	0.39	10.15	0.31	0
AZ623	29	Gypill fine sandy loam, 15 to 40 percent slopes	0.06	0.18	0.39	12.57	0.5	0
AZ623	30	Gypill-Hobog complex, 6 to 35 percent slopes	0.06	0.17	0.39	9.5	0.44	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ623	31	Gypill very cobbly sandy loam, 15 to 40 percent slopes	0.06	0.15	0.4	4.06	0.46	0
AZ623	32	Gypsiorthids-Gypsiorthids, shallow complex, 1 to 50 percent slopes	0.17	0.26	0.39	9.49	0.11	0
AZ623	33	Havasupai very gravelly loam, 1 to 5 percent slopes	0.08	0.21	0.39	14.35	0.2	0
AZ623	34	Hindu-Rock outcrop-Gypill complex, 35 to 70 percent slopes	0.08	0.2	0.39	14.01	0.22	30
AZ623	35	Hobcan fine sandy loam, 1 to 5 percent slopes	0.07	0.16	0.39	6.14	0.56	0
AZ623	36	Hobog-Grapevine complex, 2 to 35 percent slopes	0.07	0.15	0.39	4.8	0.43	0
AZ623	37	Hobog-Grapevine complex, 2 to 35 percent slopes, moist	0.07	0.15	0.39	4.8	0.43	0
AZ623	38	Hobog-Tidwell family complex, 8 to 35 percent slopes	0.07	0.17	0.39	7.14	0.33	0
AZ623	39	Hobog very gravelly sandy loam, 5 to 30 percent slopes	0.07	0.16	0.39	5.14	0.34	0
AZ623	40	Ivanpatch fine sandy loam, 1 to 5 percent slopes	0.08	0.21	0.4	12.52	0.4	0
AZ623	41	Ives loam, 1 to 3 percent slopes	0.1	0.23	0.39	14.87	0.25	0
AZ623	42	Katzine-Rock outcrop-Yumtheska complex, 35 to 70 percent slopes	0.09	0.22	0.41	12.04	0.26	25
AZ623	43	Meadview-Cave complex, 2 to 30 percent slopes, stony	0.07	0.16	0.39	5.14	0.37	0
AZ623	44	Meadview very gravelly sandy loam, 2 to 18 percent slopes	0.06	0.14	0.39	4.6	0.53	0
AZ623	45	Mellenthin-Rock outcrop-Torriorthents complex , 10 to 70 percent slopes	0.15	0.28	0.42	14.69	0.1	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ623	46	Mellenthin-Strych complex, 4 to 25 percent slopes, cool	0.1	0.23	0.4	13.75	0.21	0
AZ623	47	Mellenthin-Strych complex, 4 to 25 percent slopes, warm	0.1	0.23	0.4	13.75	0.21	0
AZ623	48	Mellenthin-Tanbark complex, 5 to 50 percent slopes, cool	0.08	0.21	0.4	13.08	0.32	0
AZ623	49	Mellenthin-Tanbark complex, 5 to 50 percent slopes, dry	0.08	0.21	0.4	13.04	0.33	0
AZ623	50	Mellenthin-Tanbark complex, 5 to 50 percent slopes, warm	0.07	0.17	0.4	5.86	0.52	0
AZ623	51	Meriwhitica-Rock outcrop-Strych complex, 35 to 70 percent slopes	0.09	0.22	0.4	13.24	0.23	30
AZ623	52	Meriwhitica-Rock outcrop-Strych complex, 35 to 70 percent slopes, warm	0.09	0.22	0.4	13.24	0.23	30
AZ623	53	Mespun complex, 2 to 10 percent slopes	0.03	0.07	0.42	1.63	1.73	0
AZ623	54	Moenkopie-Goblin complex, 5 to 50 percent slopes	0.07	0.18	0.39	7.54	0.43	0
AZ623	55	Moenkopie-Pennell-Rock outcrop complex, 10 to 50 percent slopes	0.07	0.17	0.39	8.12	0.45	20
AZ623	56	Nikey family-Ruesh family-Rock outcrop complex, 10 to 40 percent slopes	0.08	0.18	0.39	8.13	0.29	25
AZ623	57	Nipton-Rock outcrop-Nickel family complex, 10 to 50 percent slopes	0.08	0.17	0.39	6.09	0.36	20
AZ623	58	Nutter-Gyppocket complex, 2 to 20 percent slopes	0.08	0.18	0.39	8.28	0.3	0
AZ623	59	Padilla silt loam, 1 to 5 percent slopes	0.19	0.32	0.43	16.63	0.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ623	60	Pocum-Childers-Ubank complex, 1 to 10 percent slopes	0.08	0.21	0.4	13.38	0.29	0
AZ623	61	Pocum-Spenlo complex, 1 to 10 percent slopes	0.09	0.21	0.39	13.87	0.28	0
AZ623	62	Pompeii family-Huevi complex, 2 to 15 percent slopes	0.13	0.22	0.4	7.69	0.13	0
AZ623	63	Radnik loam, 1 to 5 percent slopes	0.09	0.22	0.4	13.07	0.37	0
AZ623	64	Riverwash-Torrifluvents complex, 1 to 3 percent slopes	0.03	0.11	0.4	1.69	1.42	0
AZ623	65	Rizno-Bond-Rock outcrop complex, 4 to 25 percent slopes	0.12	0.21	0.4	6.08	0.26	15
AZ623	66	Robroost fine sandy loam, 1 to 3 percent slopes	0.09	0.21	0.39	14.35	0.28	0
AZ623	67	Ruesh very gravelly fine sandy loam, 3 to 20 percent slopes	0.08	0.2	0.39	14.35	0.35	0
AZ623	68	Sedillo very cobbly loam, 1 to 8 percent slopes	0.19	0.32	0.43	16.63	0.04	0
AZ623	69	Showlow-Thunderbird complex, 2 to 25 percent slopes	0.27	0.4	0.49	14.23	0.03	0
AZ623	70	Showlow very cobbly clay loam, 1 to 15 percent slopes	0.19	0.33	0.46	13.98	0.06	0
AZ623	71	Sponiker loam, 1 to 10 percent slopes	0.12	0.27	0.47	8.7	0.41	0
AZ623	72	Springerville-Delenbaw complex, 3 to 25 percent slopes	0.2	0.33	0.45	15.07	0.05	0
AZ623	73	Strych very gravelly loam, 2 to 10 percent slopes	0.09	0.22	0.4	13.72	0.2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ623	74	Tanbark family-Strych family-Rock outcrop complex, 10 to 40 percent slopes	0.08	0.15	0.4	3.27	0.41	25
AZ623	75	Tanbark loam, 15 to 75 percent slopes	0.05	0.18	0.39	12.41	0.54	0
AZ623	76	Tassi-Rizno complex, 5 to 35 percent slopes	0.08	0.21	0.4	10.99	0.28	0
AZ623	77	Tonopah gravelly loamy fine sand, 1 to 10 percent slopes	0.01	0.08	0.41	0.79	1.77	0
AZ623	78	Torriorthents-Calciorthids-Rock outcrop complex, 10 to 40 percent slopes	0.21	0.34	0.45	15.94	0.04	15
AZ623	79	Tours silt loam, 1 to 3 percent slopes	0.11	0.31	0.41	37.86	0.07	0
AZ623	80	Tsezhin family-Ashfork family-Rock outcrop complex, 10 to 70 percent slopes	0.14	0.27	0.42	14.97	0.11	20
AZ623	81	Tsezhin very cobbly sandy loam, 5 to 15 percent slopes	0.11	0.24	0.43	11.81	0.2	0
AZ623	82	Twist sandy loam, 2 to 10 percent slopes	0.16	0.29	0.41	17.18	0.09	0
AZ623	83	Twist very cobbly loam, 1 to 8 percent slopes	0.19	0.32	0.42	17.71	0.05	0
AZ623	84	Virgin Peak-Rock outcrop complex, 10 to 70 percent slopes	0.09	0.23	0.43	11.17	0.27	30
AZ623	85	Whishey silt loam, 1 to 4 percent slopes	0.11	0.28	0.45	16.76	0.28	0
AZ623	86	Winkel-Rock outcrop complex, 2 to 35 percent slopes	0.09	0.22	0.39	14.89	0.17	15
AZ623	87	Winkel-Rock outcrop complex, 2 to 35 percent slopes, moist	0.09	0.22	0.39	14.89	0.17	15
AZ623	88	Winkel very gravelly loam, 2 to 25 percent slopes	0.09	0.22	0.39	14.89	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ623	89	Winkel very gravelly loam, 2 to 25 percent slopes, moist	0.09	0.22	0.39	14.89	0.17	0
AZ623	90	Wutoma-Lozinta complex, 15 to 50 percent slopes	0.09	0.22	0.4	13.07	0.21	0
AZ623	91	Yellowhorse family silty clay, o to 3 percent slopes	0.28	0.42	0.53	13	0.05	0
AZ623	92	Yellowhorse-Luzena family complex, 1 to 10 percent slopes	0.25	0.38	0.47	14.99	0.03	0
AZ623	93	Yumtheska-Katzine-Rock outcrop complex, 2 to 30 percent slopes	0.09	0.22	0.43	10.82	0.31	20
AZ623	94	Yumtheska-Katzine-Rock outcrop complex, 5 to 50 percent slopes, moist	0.09	0.22	0.42	11.29	0.3	15
AZ623	95	Yumtheska-Natank complex, 10 to 45 percent slopes	0.11	0.24	0.43	11.35	0.24	0
AZ623	96	Yurm family-Meadview association, 15 to 40 percent slopes	0.07	0.19	0.39	9.82	0.27	0
AZ623	97	Yurm family-Meadview association, 15 to 40 percent slopes, moist	0.07	0.19	0.39	9.82	0.27	0
AZ623	98	Yurm family very gravelly loam, 15 to 35 percent slopes	0.08	0.21	0.39	14.35	0.23	0
AZ623	99	Yurm family very gravelly loam, 15 to 35 percent slopes, moist	0.08	0.21	0.39	14.35	0.23	0
AZ625	1	Badland	0.11	0.24	0.39	8.19	0.19	0
AZ625	2	Barx fine sandy loam, 1 to 5 percent slopes	0.1	0.18	0.43	2.77	0.71	0
AZ625	3	Barx loam, 1 to 4 percent slopes	0.14	0.24	0.4	7.95	0.21	0
AZ625	4	Begay fine sandy loam, 1 to 3 percent slopes	0.09	0.18	0.43	2.84	0.78	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ625	5	Begay fine sandy loam, 3 to 12 percent slopes	0.09	0.18	0.43	2.84	0.78	0
AZ625	6	Bidonia-Bond-Rock outcrop complex, 1 to 25 percent slopes	0.1	0.21	0.42	7.31	0.3	15
AZ625	7	Bond-Bidonia complex, 1 to 7 percent slopes	0.08	0.16	0.41	3.27	0.68	0
AZ625	8	Brinkerhoff-Grieta complex, 0 to 5 percent slopes	0.07	0.16	0.4	4.29	0.68	0
AZ625	9	Campanile clay, 1 to 6 percent slopes	0.3	0.42	0.5	13.14	0.02	0
AZ625	10	Clayhole loam, 1 to 3 percent slopes	0.14	0.27	0.42	15.43	0.15	0
AZ625	11	Curhollow-Prieta complex, 4 to 20 percent slopes	0.16	0.31	0.44	17.85	0.06	0
AZ625	12	Godding gravelly loam, 3 to 40 percent slopes	0.12	0.27	0.47	8.7	0.34	0
AZ625	13	Grieta fine sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	3.76	0.6	0
AZ625	14	Grieta loam, 1 to 5 percent slopes	0.11	0.24	0.41	14.13	0.25	0
AZ625	15	Gypsiorthids-Gypsiorthids, shallow complex, 1 to 50 percent slopes	0.17	0.26	0.39	9.49	0.11	0
AZ625	16	Hatknoll-Kinan complex, 1 to 10 percent slopes	0.15	0.3	0.43	18.77	0.11	0
AZ625	17	Havasupai-Mellenthin complex, 2 to 12 percent slopes	0.12	0.25	0.41	15.04	0.13	0
AZ625	18	Jocity loamy fine sand, saline-sodic, 1 to 3 percent slopes	0.05	0.1	0.41	0.63	1.39	0
AZ625	19	Jocity-Clayhole complex, 1 to 4 percent slopes	0.19	0.35	0.45	24.72	0.05	0
AZ625	20	Jocity silty clay loam, 1 to 4 percent slopes	0.21	0.36	0.46	22.03	0.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ625	21	Jocity silty clay loam, 1 to 2 percent slopes, flooded	0.19	0.35	0.44	25.49	0.05	0
AZ625	22	Kinan gravelly loam, 1 to 15 percent slopes	0.1	0.23	0.41	13.62	0.25	0
AZ625	23	Kinan-Hatknoll-Grieta complex, 1 to 5 percent slopes	0.12	0.26	0.42	15.94	0.19	0
AZ625	24	Kinan-Pennell complex, 1 to 20 percent slopes	0.1	0.23	0.4	14.1	0.25	0
AZ625	25	Klondike sandy clay loam, 2 to 15 percent slopes	0.21	0.34	0.44	16.01	0.04	0
AZ625	26	Lava flows	0.3	0.42	0.48	11.42	0.01	100
AZ625	27	Lozinta extremely gravelly loam, 1 to 15 percent slopes	0.11	0.24	0.41	14.13	0.14	0
AZ625	28	Lozinta extremely gravelly loam, 15 to 45 percent slopes	0.11	0.24	0.41	14.13	0.14	0
AZ625	29	Manikan silty clay loam, 1 to 4 percent slopes	0.21	0.37	0.48	19.63	0.07	0
AZ625	30	Mellenthin-Anasazi complex, 1 to 15 percent slopes	0.09	0.19	0.43	4.87	0.5	0
AZ625	31	Mellenthin-Barx complex, 1 to 15 percent slopes	0.13	0.24	0.42	10.3	0.23	0
AZ625	32	Mellenthin-Progresso complex, 1 to 7 percent slopes	0.11	0.23	0.42	9.12	0.29	0
AZ625	33	Mellenthin very gravelly loam, 1 to 25 percent slopes	0.11	0.25	0.43	12.28	0.17	0
AZ625	34	Mellenthin very gravelly loam, 30 to 50 percent slopes	0.11	0.25	0.43	12.28	0.17	0
AZ625	35	Mellenthin very gravelly loam, cool, 1 to 25 percent slopes	0.11	0.25	0.43	12.28	0.17	0
AZ625	36	Mellenthin very gravelly loam, warm, 1 to 25 percent slopes	0.11	0.25	0.43	12.28	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ625	37	Mido fine sand, 1 to 10 percent slopes	0.04	0.07	0.42	2.68	1.99	0
AZ625	38	Mido loamy fine sand, 1 to 4 percent slopes, gullied	0.04	0.1	0.41	1.1	1.52	0
AZ625	39	Milok gravelly loam, 1 to 15 percent slopes	0.11	0.25	0.43	12.28	0.26	0
AZ625	40	Moab loam, 1 to 5 percent slopes	0.09	0.21	0.39	14.35	0.16	0
AZ625	41	Moab-Mellenthin complex, 1 to 20 percent slopes	0.1	0.23	0.41	13.54	0.16	0
AZ625	42	Monue fine sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	3.76	0.62	0
AZ625	43	Padilla-Penistaja-Campanile complex, 1 to 6 percent slopes	0.22	0.33	0.46	9.75	0.06	0
AZ625	44	Palma loamy fine sand, 1 to 5 percent slopes	0.05	0.1	0.41	0.75	1.37	0
AZ625	45	Penistaja fine sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	3.76	0.6	0
AZ625	46	Pennell-Bacobi complex, 1 to 7 percent slopes	0.1	0.19	0.39	5.82	0.35	0
AZ625	47	Pennell gravelly loam, 1 to 12 percent slopes	0.09	0.22	0.39	14.89	0.24	0
AZ625	48	Poley cobbly silty clay loam, 1 to 5 percent slopes	0.26	0.41	0.5	19.13	0.03	0
AZ625	49	Poley-Moab complex, 1 to 10 percent slopes	0.17	0.31	0.44	16.57	0.07	0
AZ625	50	Radnik fine sandy loam, 1 to 5 percent slopes	0.08	0.16	0.42	3.17	0.76	0
AZ625	51	Riverwash	0.03	0.12	0.39	4.67	1.16	0
AZ625	52	Royosa fine sand, 2 to 10 percent slopes	0.04	0.11	0.41	1.26	1.49	0
AZ625	53	Royosa-Tonalea complex, 1 to 15 percent slopes	0.03	0.07	0.43	2.68	1.97	0
AZ625	54	Saido-Brinkerhoff complex, 1 to 5 percent slopes	0.1	0.28	0.41	30.18	0.13	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ625	55	Sheppard fine sand, 1 to 7 percent slopes	0.03	0.1	0.4	1.45	1.46	0
AZ625	56	Sheppard loamy fine sand, 1 to 4 percent slopes, gullied	0.03	0.1	0.4	1.45	1.46	0
AZ625	57	Showlow-Section complex, 1 to 15 percent slopes	0.16	0.31	0.46	15.86	0.13	0
AZ625	58	Showlow-Thimble complex, 1 to 15 percent slopes	0.23	0.38	0.49	16.58	0.05	0
AZ625	59	Showlow very cobbly clay loam, 1 to 15 percent slopes	0.19	0.33	0.46	13.98	0.06	0
AZ625	60	Showlow very cobbly silty clay loam, 15 to 35 percent slopes	0.19	0.36	0.48	18.63	0.06	0
AZ625	61	Sponiker gravelly loam, 1 to 15 percent slopes	0.12	0.27	0.47	8.7	0.34	0
AZ625	62	Sponiker gravelly loam, 15 to 40 percent slopes	0.12	0.27	0.47	8.7	0.34	0
AZ625	63	Torriorthents-Rock outcrop complex, 30 to 70 percent slopes	0.25	0.38	0.46	17.1	0.02	45
AZ625	64	Torriorthents-Rock outcrop complex, dry, 30 to 70 percent slopes	0.25	0.38	0.46	17.1	0.02	45
AZ625	65	Torriorthents-Rock outcrop complex, warm, 30 to 70 percent slopes	0.25	0.38	0.46	17.1	0.02	45
AZ625	66	Whiskey silt loam, 1 to 4 percent slopes	0.11	0.28	0.45	16.76	0.28	0
AZ625	67	Wukoki-Lomaki complex, 15 to 50 percent slopes	0.14	0.28	0.43	13.45	0.11	0
AZ625	68	Wutoma-Lozinta complex, 1 to 15 percent slopes	0.11	0.24	0.41	13.7	0.15	0
AZ625	69	Wutoma-Lozinta complex, 15 to 50 percent slopes	0.11	0.24	0.42	13.49	0.15	0
AZ625	70	Wutoma-Rock outcrop complex, 1 to 15 percent slopes	0.11	0.24	0.41	14.13	0.22	30

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ625	71	Yumtheska-Goesling complex, 1 to 15 percent slopes	0.12	0.25	0.44	11.07	0.24	0
AZ625	72	Yumtheska very gravelly loam, 4 to 20 percent slopes	0.12	0.25	0.44	11.07	0.2	0
AZ625	73	Yumtheska very gravelly loam, 30 to 50 percent slopes	0.12	0.25	0.44	11.07	0.2	0
AZ627	1	Akela-Rock outcrop-Rubble land complex, 40 to 70 percent slopes	0.09	0.22	0.4	10.98	0.22	20
AZ627	2	Akela-Rock outcrop-Rubble land complex, dry, 40 to 70 percent slopes	0.09	0.22	0.4	10.98	0.22	20
AZ627	3	Alko family cobbly loam, 2 to 15 percent slopes	0.08	0.21	0.4	12.52	0.29	0
AZ627	4	Alko family cobbly loam, dry, 2 to 15 percent slopes	0.08	0.21	0.4	12.52	0.29	0
AZ627	5	Amole sandy loam, 1 to 3 percent slopes	0.08	0.16	0.4	4.04	0.63	0
AZ627	6	Amole sandy loam, dry, 1 to 3 percent slopes	0.08	0.16	0.4	4.04	0.63	0
AZ627	7	Anthony-Dudleyville complex, 1 to 3 percent slopes	0.07	0.14	0.41	2.23	0.65	0
AZ627	8	Aquarius-Akela-Rock outcrop complex, 1 to 25 percent slopes	0.16	0.3	0.45	15.36	0.12	20
AZ627	9	Arizo-Franconia-Riverwash complex, 1 to 3 percent slopes	0.07	0.15	0.4	4.62	0.67	0
AZ627	10	Arizo-Franconia-Riverwash complex, dry, 1 to 3 percent slopes	0.07	0.15	0.4	4.62	0.69	0
AZ627	11	Bartmus very gravelly sandy loam, 2 to 15 percent slopes	0.15	0.25	0.42	7.35	0.13	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	12	Bonita family very cobbly silty clay loam, 2 to 10 percent slopes	0.3	0.42	0.5	12.41	0.02	0
AZ627	13	Bonita family-Gonzales complex, 10 to 35 percent slopes	0.29	0.42	0.5	12.6	0.02	0
AZ627	14	Brazito family sand, 0 to 3 percent slopes	0.03	0.07	0.43	2.68	2	0
AZ627	15	Bucklebar sandy loam, 1 to 3 percent slopes	0.08	0.16	0.4	4.6	0.64	0
AZ627	16	Cacique family extremely gravelly loam, 1 to 7 percent slopes	0.17	0.27	0.41	9.6	0.09	0
AZ627	17	Castaneda extremely gravelly loam, 1 to 7 percent slopes	0.21	0.34	0.44	16.5	0.04	0
AZ627	18	Castaneda extremely gravelly loam, dry, 1 to 7 percent slopes	0.21	0.34	0.44	16.5	0.04	0
AZ627	19	Carrizo family very gravelly loamy sand, 1 to 3 percent slopes	0.04	0.1	0.41	1.1	0.88	0
AZ627	20	Carrizo family-Riverwash complex, 1 to 3 percent slopes	0.04	0.11	0.41	1.55	0.94	0
AZ627	21	Carrizo-Riverwash complex, 3 to 8 percent slopes	0.03	0.1	0.4	1.76	0.83	0
AZ627	22	Carrizo-Riverwash complex, 1 to 3 percent slopes	0.04	0.1	0.41	0.77	0.95	0
AZ627	23	Cave gravelly sandy loam, 10 to 35 percent slopes	0.08	0.16	0.4	4.6	0.5	0
AZ627	24	Cave gravelly sandy loam, dry, 10 to 35 percent slopes	0.08	0.16	0.4	4.6	0.5	0
AZ627	25	Cellar-Rock outcrop complex, 20 to 60 percent slopes	0.08	0.16	0.4	4.6	0.38	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	26	Cellar-Rock outcrop complex, dry, 20 to 60 percent slopes	0.08	0.16	0.4	4.6	0.38	25
AZ627	27	Cellar-Topock-Rock outcrop complex, 5 to 35 percent slopes	0.16	0.26	0.42	6.55	0.09	20
AZ627	28	Cherioni very cobbly loam, 2 to 15 percent slopes	0.19	0.32	0.43	16.63	0.04	0
AZ627	29	Chuckawalla-Riverbend complex, 2 to 15 percent slopes	0.12	0.24	0.41	11	0.17	0
AZ627	30	Chuckawalla-Riverbend families complex, 2 to 15 percent slopes	0.1	0.24	0.41	13.59	0.16	0
AZ627	31	Cipriano very stony loam, 2 to 10 percent slopes	0.08	0.21	0.4	12.52	0.24	0
AZ627	32	Cline very stony loam, 2 to 15 percent slopes	0.14	0.27	0.41	16.04	0.09	0
AZ627	33	Cline very stony loam, dry, 2 to 15 percent slopes	0.14	0.27	0.41	16.04	0.09	0
AZ627	34	Continental-Tres Hermanos complex, 2 to 15 percent slopes	0.17	0.27	0.41	9.6	0.08	0
AZ627	35	Continental-Tres Hermanos complex, dry, 2 to 15 percent slopes	0.17	0.27	0.41	9.6	0.08	0
AZ627	36	Continental-Rillino complex, 2 to 15 percent slopes	0.16	0.26	0.41	8.92	0.1	0
AZ627	37	Continental-Rillino complex, dry, 2 to 15 percent slopes	0.16	0.26	0.41	8.92	0.1	0
AZ627	38	Coolidge-Denure complex, 1 to 7 percent slopes	0.06	0.13	0.41	1.55	0.79	0
AZ627	39	Coolidge-Denure families complex, 1 to 7 percent slopes	0.06	0.16	0.41	3.9	0.49	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	40	Courthouse family-Rock outcrop-Rubble land complex, 40 to 70 percent slopes	0.09	0.22	0.42	9.82	0.24	20
AZ627	41	Courthouse family-Rock outcrop-Wagonbow complex, 15 to 70 percent slopes	0.12	0.26	0.43	11.94	0.15	30
AZ627	42	Far-Rock outcrop complex, 10 to 45 percent slopes	0.1	0.24	0.47	7.01	0.43	20
AZ627	43	Dutchflat sandy loam, 0 to 2 percent slopes	0.08	0.16	0.4	4.6	0.64	0
AZ627	44	Dutchflat fine sandy loam, dry, 1 to 3 percent slopes	0.17	0.27	0.41	9.6	0.09	0
AZ627	45	Gadsden silty clay, 0 to 1 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ627	46	Gila-Glendale complex, 1 to 3 percent slopes	0.12	0.25	0.43	10.16	0.27	0
AZ627	47	Gila-Glendale complex, dry, 1 to 3 percent slopes	0.12	0.25	0.43	10.16	0.27	0
AZ627	48	Goldroad-Rock outcrop complex, 20 to 60 percent slopes	0.08	0.16	0.4	4.6	0.36	20
AZ627	49	Gonzales-Rock outcrop complex, 15 to 35 percent slopes	0.29	0.41	0.48	13.01	0.02	25
AZ627	50	Goodsprings family gravelly sandy loam, 1 to 15 percent slopes	0.06	0.19	0.39	13.74	0.34	0
AZ627	51	Goodsprings family gravelly sandy loam, dry, 1 to 15 percent slopes	0.06	0.19	0.39	13.74	0.34	0
AZ627	52	Goodsprings family gravelly sandy loam, 10 to 35 percent slopes	0.06	0.19	0.39	13.74	0.34	0
AZ627	53	Goodsprings family gravelly sandy loam, dry, 10 to 35 percent slopes	0.06	0.19	0.39	13.74	0.34	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	54	Graham-Arivaca complex, 2 to 15 percent slopes	0.22	0.36	0.48	13.9	0.07	0
AZ627	55	Graham-Rock outcrop complex, 10 to 40 percent slopes	0.19	0.33	0.46	13.98	0.09	20
AZ627	56	Gunsight very gravelly loam, 2 to 15 percent slopes	0.11	0.24	0.41	14.13	0.16	0
AZ627	57	Gunsight very gravelly sandy loam, 10 to 40 percent slopes	0.08	0.16	0.4	4.6	0.43	0
AZ627	58	Hassell family-Lampshire-Rock outcrop complex, 10 to 30 percent slopes	0.11	0.24	0.44	10.49	0.32	20
AZ627	59	Holtville silty clay, 0 to 1 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ627	60	Huevi very gravelly loam, 2 to 15 percent slopes	0.08	0.21	0.4	12.52	0.24	0
AZ627	61	Huevi very gravelly loam, 10 to 40 percent slopes	0.08	0.21	0.4	12.52	0.25	0
AZ627	62	Akela-Rock outcrop complex, 20 to 60 percent slopes	0.08	0.16	0.4	4.6	0.37	20
AZ627	63	Hyder-Rock outcrop-Rubble land complex, 40 to 70 percent slopes	0.09	0.22	0.4	11.09	0.22	20
AZ627	64	Indio silt loam, 0 to 1 percent slopes	0.11	0.3	0.42	33.95	0.12	0
AZ627	65	Ireteba family-Arizo complex, 1 to 3 percent slopes	0.08	0.16	0.4	4.6	0.53	0
AZ627	66	Kinley gravelly loamy sand, 15 to 35 percent slopes	0.08	0.16	0.4	4.6	0.65	0
AZ627	67	Kinley-Poachie complex, 2 to 15 percent slopes	0.12	0.23	0.42	7.81	0.2	0
AZ627	68	Kofa silty clay, 0 to 1 percent slopes	0.27	0.41	0.51	17.59	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	69	Dudleyville-Vinton-Riverwash complex, 1 to 3 percent slopes	0.05	0.13	0.4	1.98	0.95	0
AZ627	70	Dudleyville-Vinton-Riverwash complex, dry, 1 to 3 percent slopes	0.05	0.13	0.4	1.98	0.95	0
AZ627	71	Lagunita sand, 0 to 1 percent slopes	0.01	0.05	0.44	2.68	2	0
AZ627	72	Lagunita-Ripley complex, 0 to 3 percent slopes	0.04	0.13	0.43	5.7	0.83	0
AZ627	73	Lampshire-Rock outcrop complex, 20 to 60 percent slopes	0.09	0.18	0.43	3.28	0.49	20
AZ627	74	Lampshire-Rock outcrop complex, cool, 30 to 70 percent slopes	0.09	0.23	0.44	9.42	0.34	20
AZ627	75	Lampshire-Rock outcrop complex, 15 to 60 percent slopes, stony	0.09	0.23	0.44	9.42	0.32	40
AZ627	76	Lostman gravelly sandy loam, moist, 1 to 5 percent slopes	0.1	0.19	0.42	4.78	0.44	0
AZ627	77	Lostman sandy loam, dry, 1 to 3 percent slopes	0.08	0.16	0.4	4.6	0.61	0
AZ627	78	Lostman-Kinley complex, 1 to 7 percent slopes	0.08	0.16	0.4	4.6	0.56	0
AZ627	79	Marshes	0.3	0.42	0.48	11.42	0.01	0
AZ627	80	Meloland very fine sandy loam, 0 to 1 percent slopes	0.09	0.18	0.4	5.76	0.54	0
AZ627	81	Mohon-Kinley complex, 2 to 15 percent slopes	0.14	0.26	0.42	9.8	0.16	0
AZ627	82	Mohon-Poachie complex, 2 to 15 percent slopes	0.15	0.27	0.42	10.38	0.14	0
AZ627	83	Mohon-Poachie complex, dry, 2 to 15 percent slopes	0.15	0.27	0.42	10.38	0.14	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	84	Nickel-Topawa-Eba families complex, 10 to 50 percent slopes	0.11	0.19	0.44	1.98	0.25	0
AZ627	85	Orwash family sandy loam, 1 to 3 percent slopes	0.08	0.16	0.4	4.04	0.63	0
AZ627	86	Orwash family sandy loam, dry, 1 to 3 percent slopes	0.08	0.16	0.4	4.04	0.63	0
AZ627	87	Penthouse-Gonzales complex, 5 to 35 percent slopes	0.23	0.36	0.47	13.64	0.06	0
AZ627	88	Poachie very gravelly loam, 1 to 4 percent slopes	0.11	0.24	0.41	14.13	0.16	0
AZ627	89	Poachie very gravelly loam, dry, 1 to 4 percent slopes	0.11	0.24	0.41	14.13	0.16	0
AZ627	90	Quilotosa-Rock outcrop complex, 20 to 60 percent slopes	0.08	0.16	0.4	4.6	0.36	20
AZ627	91	Razorback extremely gravelly sandy loam, 15 to 35 percent slopes	0.08	0.16	0.4	4.6	0.36	0
AZ627	92	Razorback-Rock outcrop complex, 1 to 25 percent slopes	0.08	0.21	0.4	12.52	0.23	20
AZ627	93	Razorback-Rock outcrop complex, 15 to 70 percent slopes	0.08	0.21	0.4	12.52	0.23	20
AZ627	94	Razorback-Rock outcrop complex, dry, 15 to 70 percent slopes	0.08	0.21	0.4	12.52	0.23	20
AZ627	95	Razorback-Rock outcrop-Rubble land complex, 40 to 70 percent slopes	0.09	0.22	0.4	10.98	0.22	20
AZ627	96	Razorback-Rock outcrop-Rubble land complex, dry, 40 to 70 percent slopes	0.09	0.22	0.4	10.98	0.22	20
AZ627	97	Rillino gravelly loamy sand, 15 to 35 percent slopes	0.15	0.24	0.4	8.03	0.14	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	98	Rillino-Tres Hermanos complex, 2 to 15 percent slopes	0.17	0.28	0.42	10.84	0.09	0
AZ627	99	Ripley silt loam, 0 to 1 percent slopes	0.09	0.3	0.42	35.07	0.13	0
AZ627	100	Riverbend family very cobbly sandy loam, 2 to 15 percent slopes	0.08	0.16	0.4	4.04	0.44	0
AZ627	101	Riverbend very cobbly sandy loam, 2 to 15 percent slopes	0.09	0.17	0.4	4.56	0.39	0
AZ627	102	Riverwash-Fluvaquents association, 0 to 3 percent slopes	0.03	0.12	0.4	4.18	1.03	0
AZ627	103	Rock outcrop-Hyder complex, 35 to 65 percent slopes	0.08	0.21	0.4	12.52	0.23	45
AZ627	104	Rock outcrop-Razorback complex, 20 to 70 percent slopes	0.08	0.21	0.4	12.52	0.23	65
AZ627	105	Rock outcrop-Sunrock complex, 35 to 65 percent slopes	0.07	0.15	0.4	3.47	0.39	45
AZ627	106	Romero-Chiricahua-Rock outcrop complex, 5 to 35 percent slopes	0.23	0.34	0.43	9.85	0.03	20
AZ627	107	Romero-Lampshire-Rock outcrop complex, 35 to 70 percent slopes	0.15	0.26	0.42	6.94	0.11	15
AZ627	108	Rositas family, superstition and torriorthents soils, 1 to 60 percent slopes	0.08	0.14	0.44	0.62	0.53	0
AZ627	109	Rositas, superstition family and torriorthents soils, 1 to 60 percent slopes	0.08	0.14	0.44	4.14	0.67	0
AZ627	110	Stagecoach very gravelly loam, 2 to 15 percent slopes	0.08	0.21	0.4	12.52	0.25	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	111	Stagecoach very gravelly loam, 10 to 40 percent slopes	0.08	0.21	0.4	12.52	0.25	0
AZ627	112	Stagecoach very gravelly sandy loam, 5 to 35 percent slopes	0.08	0.21	0.4	12.52	0.32	0
AZ627	113	Stagecoach very gravelly sandy loam, dry, 5 to 35 percent slopes	0.08	0.21	0.4	12.52	0.32	0
AZ627	114	Stagecoach-Topawa family-Eba complex, 10 to 50 percent slopes	0.16	0.28	0.42	11.24	0.07	0
AZ627	115	Stagecoach-Topawa family-Eba complex, dry, 10 to 50 percent slopes	0.16	0.28	0.42	11.24	0.07	0
AZ627	116	Sunrock extremely gravelly sandy loam, 15 to 35 percent slopes	0.07	0.16	0.4	4.28	0.37	0
AZ627	117	Sunrock-Rock outcrop complex, 30 to 65 percent slopes	0.07	0.16	0.4	4.28	0.37	20
AZ627	118	Tombstone-Caralampi-Eloma complex, 10 to 50 percent slopes	0.09	0.2	0.43	3.59	0.32	0
AZ627	119	Torriorthents, 35 to 65 percent slopes	0.25	0.38	0.46	17.1	0.02	0
AZ627	120	Torriorthents, dry, 35 to 65 percent slopes	0.25	0.38	0.46	17.1	0.02	0
AZ627	121	Tumarion very cobbly loam, 2 to 15 percent slopes	0.14	0.27	0.42	15.43	0.09	0
AZ627	122	Tumarion very cobbly loam, dry, 2 to 15 percent slopes	0.14	0.27	0.42	15.43	0.1	0
AZ627	123	Tyro extremely stony sandy loam, 3 to 35 percent slopes	0.08	0.16	0.4	4.04	0.38	0
AZ627	124	Tyro very stony loam, 2 to 10 percent slopes	0.08	0.21	0.4	12.52	0.23	0
AZ627	125	Vekol family gravelly loamy sand, 2 to 7 percent slopes	0.05	0.1	0.41	0.52	1.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ627	126	Vekol family gravelly loamy sand, dry, 2 to 7 percent slopes	0.05	0.1	0.41	0.52	1.05	0
AZ627	127	Water	0.3	0.42	0.48	11.42	0.01	100
AZ627	128	Whitehills very gravelly loam, 1 to 5 percent slopes	0.11	0.24	0.41	14.13	0.15	0
AZ627	129	Whitehills very gravelly loam, dry, 2 to 15 percent slopes	0.11	0.24	0.41	14.13	0.15	0
AZ627	130	White House family very gravelly loamy sand, 2 to 15 percent slopes	0.18	0.28	0.42	8.91	0.07	0
AZ627	131	White House gravelly loamy sand, 2 to 15 percent slopes	0.18	0.29	0.43	8.46	0.14	0
AZ627	132	Wikieup-Mutang-Rock outcrop complex, 5 to 35 percent slopes	0.08	0.16	0.41	4.25	0.38	20
AZ627	133	Mutang-Wikieup-Rock outcrop complex, 3 to 30 percent slopes	0.1	0.22	0.41	10.41	0.27	15
AZ627	134	Wikieup-Rock outcrop complex, dry, 20 to 60 percent slopes	0.07	0.16	0.4	4.87	0.39	25
AZ627	135	Yahana family silty clay loam, 1 to 3 percent slopes	0.21	0.38	0.49	22.63	0.08	0
AZ627	136	Tumarion-Nickel family complex, 8 to 35 percent slopes	0.11	0.2	0.4	6.27	0.23	0
AZ627	137	Valena-Rock outcrop-Carri family complex, 1 to 25 percent slopes	0.12	0.21	0.42	5.49	0.38	20
AZ627	138	Nodman-Rock outcrop complex, 15 to 65 percent slopes	0.17	0.27	0.4	10.06	0.06	20
AZ627	139	Nodman-Romero family complex, 15 to 65 percent slopes	0.08	0.16	0.39	5.05	0.3	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ629	1	Aneth fine sand, 2 to 16 percent slopes	0.03	0.1	0.4	1.63	1.36	0
AZ629	2	Arches-Pensom complex, 4 to 12 percent slopes	0.03	0.06	0.43	2.68	1.99	0
AZ629	3	Arches-Pensom complex, cool, 4 to 12 percent slopes	0.02	0.06	0.43	2.68	2	0
AZ629	4	Barx gravelly loam, 1 to 6 percent slopes	0.11	0.25	0.43	12.28	0.25	0
AZ629	5	Barx-Pensom complex, 1 to 6 percent slopes	0.09	0.16	0.43	3.03	0.82	0
AZ629	6	Bidonia-Rock outcrop complex, 1 to 15 percent slopes	0.11	0.24	0.43	11.81	0.31	15
AZ629	7	Bison-Curob complex, 2 to 6 percent slopes	0.12	0.25	0.42	13.7	0.19	0
AZ629	8	Clayhole silty clay loam, 1 to 5 percent slopes	0.19	0.35	0.45	23.48	0.06	0
AZ629	9	Clayhole-Torriorthents complex, 2 to 25 percent slopes	0.15	0.28	0.42	15	0.11	0
AZ629	10	Curhollow-Mellenthin complex, 2 to 12 percent slopes	0.11	0.25	0.43	12.28	0.17	0
AZ629	11	Curob loamy sand, 2 to 10 percent slopes	0.04	0.1	0.41	1.1	1.48	0
AZ629	12	Curob very gravelly loam, 2 to 12 percent slopes	0.13	0.26	0.43	12.81	0.15	0
AZ629	13	Disterheff very gravelly loam, 2 to 15 percent slopes	0.12	0.25	0.44	11.07	0.2	0
AZ629	14	Disterheff-Houserock complex, 3 to 15 percent slopes	0.11	0.25	0.44	10.71	0.31	0
AZ629	15	Doak fine sandy loam, 1 to 6 percent slopes	0.17	0.31	0.42	18.75	0.08	0
AZ629	16	Glenyon silty clay loam, 0 to 2 percent slopes	0.23	0.38	0.47	20.09	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ629	17	Houserock-Disterheff complex, 3 to 15 percent slopes	0.12	0.25	0.44	10.99	0.29	0
AZ629	18	Jocity clay loam, 1 to 3 percent slopes	0.19	0.32	0.43	17.52	0.06	0
AZ629	19	Jocity silty clay loam, 1 to 3 percent slopes	0.22	0.37	0.46	20.75	0.05	0
AZ629	20	Keeseha loam, 1 to 6 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ629	21	Kinan-Pennell complex, 4 to 15 percent slopes	0.09	0.18	0.4	5.1	0.41	0
AZ629	22	Kinan-Pennell complex, dry, 4 to 15 percent slopes	0.09	0.18	0.4	5.08	0.41	0
AZ629	23	Klondike sandy clay loam, 2 to 15 percent slopes	0.17	0.27	0.41	9.6	0.11	0
AZ629	24	Manikan silty clay loam, 1 to 3 percent slopes	0.21	0.37	0.48	19.21	0.07	0
AZ629	25	Mellenthin very gravelly loam, 1 to 25 percent slopes	0.11	0.25	0.43	12.28	0.17	0
AZ629	26	Mellenthin very gravelly loam, 30 to 60 percent slopes	0.11	0.25	0.43	12.28	0.17	0
AZ629	27	Monierco clay loam, 2 to 15 percent slopes	0.23	0.36	0.45	16.34	0.04	0
AZ629	28	Monue sandy loam, 1 to 6 percent slopes	0.09	0.17	0.4	3.76	0.62	0
AZ629	29	Monue-Seeg complex, 1 to 6 percent slopes	0.09	0.17	0.4	3.84	0.59	0
AZ629	30	Needle-Rock outcrop complex, 4 to 15 percent slopes	0.05	0.09	0.42	0.01	1.54	15
AZ629	31	Needle-Sheppard complex, 2 to 12 percent slopes	0.04	0.08	0.42	0.03	1.64	0
AZ629	32	Pagina loamy sand, 1 to 3 percent slopes	0.04	0.1	0.4	0.87	1.27	0
AZ629	33	Pagina-Wahweap complex, 3 to 16 percent slopes	0.04	0.1	0.4	0.87	1.24	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ629	34	Pennell cobbly loam, 3 to 10 percent slopes	0.09	0.22	0.39	14.89	0.2	0
AZ629	35	Pennell gravelly sandy loam, 20 to 45 percent slopes	0.09	0.17	0.39	5.44	0.38	0
AZ629	36	Pennell sandy loam, 20 to 45 percent slopes	0.07	0.15	0.39	4.52	0.62	0
AZ629	37	Pensom fine sand, 2 to 16 percent slopes	0.03	0.07	0.42	2.68	1.99	0
AZ629	38	Pensom-Arches complex, 4 to 12 percent slopes	0.04	0.1	0.41	1.2	1.51	0
AZ629	39	Pensom-Arches complex, moist, 4 to 16 percent slopes	0.04	0.1	0.41	1.2	1.51	0
AZ629	40	Pits, borrow	0.06	0.14	0.38	2.97	0.74	0
AZ629	41	Rock outcrop	0.3	0.42	0.48	11.42	0.01	85
AZ629	42	Rock outcrop-Needle complex, 4 to 50 percent slopes	0.05	0.09	0.42	0.01	1.54	55
AZ629	43	Rock outcrop-Torriorthents complex, warm, 25 to 65 percent slopes	0.25	0.38	0.46	17.1	0.02	65
AZ629	44	Sheppard loamy fine sand, 1 to 5 percent slopes	0.02	0.08	0.41	0.91	1.94	0
AZ629	45	Sheppard loamy fine sand, 5 to 15 percent slopes	0.02	0.08	0.41	0.91	1.94	0
AZ629	46	Strych loam, 1 to 4 percent slopes	0.11	0.25	0.43	12.28	0.17	0
AZ629	47	Torriorthents, 3 to 50 percent slopes	0.25	0.38	0.46	17.1	0.02	0
AZ629	48	Torriorthents-Rock outcrop complex, 25 to 65 percent slopes	0.25	0.38	0.46	17.1	0.02	30
AZ629	49	Wahweap loamy sand, 0 to 5 percent slopes	0.04	0.1	0.4	0.87	1.16	0
AZ629	50	Wahweap-Rock outcrop complex, 1 to 15 percent slopes	0.08	0.16	0.4	4.04	0.57	35

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ629	51	Yumtheska very gravelly loam, 4 to 30 percent slopes	0.12	0.25	0.44	11.07	0.2	0
AZ629	52	Yumtheska-Houserock association, 4 to 20 percent slopes	0.12	0.25	0.44	11.07	0.23	0
AZ629	53	Water	0.3	0.42	0.48	11.42	0.01	100
AZ631	1	Ashfork gravelly clay loam, 1 to 15 percent slopes	0.21	0.35	0.46	15.93	0.05	0
AZ631	2	Aut gravelly loam, 0 to 8 percent slopes	0.13	0.26	0.43	12.81	0.2	0
AZ631	3	Aut-Cross association, moderately sloping	0.15	0.29	0.44	13.48	0.13	0
AZ631	4	Aut-Lynx association, gently sloping	0.15	0.28	0.44	13.63	0.15	0
AZ631	5	Badland-Torriorthents complex, moderately steep	0.15	0.28	0.41	10.31	0.09	0
AZ631	6	Boquillas-Seligman complex, 1 to 15 percent slopes	0.15	0.29	0.44	13.6	0.12	0
AZ631	7	Clovis loamy sand, 1 to 8 percent slopes	0.04	0.1	0.41	0.43	1.55	0
AZ631	8	Cross-Apache complex, 2 to 15 percent slopes	0.2	0.33	0.45	14.98	0.06	0
AZ631	9	Daze-Deama association, moderately steep	0.11	0.25	0.43	12.1	0.25	0
AZ631	10	Deama gravelly loam, 2 to 15 percent slopes	0.14	0.27	0.43	12.83	0.18	0
AZ631	11	Deama stony loam, 1 to 15 percent slopes	0.14	0.28	0.43	13.24	0.14	0
AZ631	12	Deama-Rock outcrop complex, 8 to 30 percent slopes	0.14	0.28	0.43	13.24	0.15	30
AZ631	13	Deama-Toqui complex, 0 to 8 percent slopes	0.12	0.24	0.43	7.94	0.29	0
AZ631	14	Deama-Tovar association, steep	0.13	0.27	0.42	14.06	0.12	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ631	15	Disterheff very gravelly sandy clay loam, 1 to 15 percent slopes	0.2	0.31	0.42	9.52	0.04	0
AZ631	16	Disterheff-Kopie association, moderately sloping	0.11	0.23	0.43	8.17	0.28	0
AZ631	17	Epikom very cindery loamy sand, 0 to 5 percent slopes	0.05	0.1	0.41	0.63	0.83	0
AZ631	18	Epikom complex, 0 to 15 percent slopes	0.09	0.18	0.4	5.26	0.44	0
AZ631	19	Epikom-Rock outcrop complex, 8 to 60 percent slopes	0.09	0.18	0.4	5.26	0.38	20
AZ631	20	Faraway-Rock outcrop complex, 20 to 80 percent slopes	0.09	0.22	0.43	11.09	0.26	30
AZ631	21	Keeseha-Poley gravelly sandy loams, 0 to 8 percent slopes	0.1	0.19	0.42	3.69	0.47	0
AZ631	22	Kopie-Servilleta association, moderately sloping	0.18	0.31	0.45	13.8	0.11	0
AZ631	23	Lava flows	0.3	0.42	0.48	11.42	0.01	100
AZ631	24	Lomaki-Nalaki very cindery loams, 0 to 8 percent slopes	0.15	0.28	0.44	13.63	0.1	0
AZ631	25	Mespun-Palma complex, 1 to 8 percent slopes	0.06	0.12	0.41	0.91	1.14	0
AZ631	26	Navajo clay, 0 to 5 percent slopes	0.28	0.42	0.49	15.71	0.02	0
AZ631	27	Palma sandy loam, 0 to 5 percent slopes	0.1	0.19	0.42	4.26	0.58	0
AZ631	28	Pastura gravelly loam, 0 to 8 percent slopes	0.15	0.29	0.44	14.01	0.14	0
AZ631	29	Paymaster-Lynx association, gently sloping	0.13	0.25	0.44	6.47	0.29	0
AZ631	30	Poley sandy loam, 0 to 5 percent slopes	0.12	0.2	0.41	4.43	0.43	0
AZ631	31	Poley gravelly loam, 0 to 8 percent slopes	0.13	0.26	0.43	12.81	0.2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ631	32	Poley-Lynx association, gently sloping	0.15	0.28	0.44	13.63	0.16	0
AZ631	33	Poley-Tusayan association, gently sloping	0.13	0.26	0.42	13.23	0.2	0
AZ631	34	Purgatory gravelly fine sandy loam, 0 to 8 percent slopes	0.08	0.17	0.4	4.44	0.5	0
AZ631	35	Quivera very gravelly loam, 0 to 8 percent slopes	0.15	0.29	0.44	14.01	0.09	0
AZ631	36	Riverwash	0.03	0.12	0.39	4.67	1.16	0
AZ631	37	Rune silty clay loam, 0 to 8 percent slopes	0.22	0.38	0.51	14.08	0.12	0
AZ631	38	Rune-Disterheff association, gently sloping	0.21	0.35	0.47	12.02	0.08	0
AZ631	39	Servilleta fine sandy loam, 1 to 8 percent slopes	0.25	0.39	0.47	14.98	0.03	0
AZ631	40	Servilleta-Tusayan complex, 1 to 8 percent slopes	0.17	0.28	0.44	8.75	0.12	0
AZ631	41	Showlow gravelly fine sandy loam, 0 to 8 percent slopes	0.25	0.39	0.47	14.98	0.03	0
AZ631	42	Showlow gravelly fine sandy loam, 8 to 30 percent slopes	0.25	0.39	0.47	14.98	0.03	0
AZ631	43	Springerville cobbly clay, 0 to 8 percent slopes	0.3	0.42	0.5	13.14	0.02	0
AZ631	44	Springerville very stony clay, 0 to 8 percent slopes	0.3	0.42	0.5	13.14	0.01	0
AZ631	45	Tajo-Springerville complex, 0 to 15 percent slopes	0.22	0.35	0.46	13.62	0.06	0
AZ631	46	Tenorio very gravelly sandy loam, 0 to 8 percent slopes	0.06	0.15	0.43	2.69	0.7	0
AZ631	47	Thunderbird-Cabezon complex, 2 to 30 percent slopes	0.25	0.38	0.47	15.49	0.03	0
AZ631	48	Thunderbird-Rock outcrop complex, 30 to 60 percent slopes	0.23	0.37	0.46	15.41	0.03	30

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ631	49	Thunderbird-Springerville association, strongly sloping	0.25	0.39	0.48	14.62	0.03	0
AZ631	50	Torrifluvents, saline	0.02	0.08	0.42	0.31	2	0
AZ631	51	Tours silty clay loam, 0 to 8 percent slopes	0.19	0.37	0.46	30.68	0.05	0
AZ631	52	Tours-Ives association, gently sloping	0.08	0.16	0.4	4.66	0.62	0
AZ631	53	Tovar complex, 2 to 25 percent slopes	0.11	0.2	0.39	6.45	0.24	0
AZ631	54	Tovar complex, 25 to 60 percent slopes	0.11	0.2	0.39	6.45	0.22	0
AZ631	55	Tusayan-Lynx association, gently sloping	0.14	0.27	0.42	15.04	0.14	0
AZ631	56	Tuweep very gravelly loam, 0 to 15 percent slopes	0.13	0.26	0.41	14.54	0.1	0
AZ631	57	Valle gravelly silt loam, 0 to 8 percent slopes	0.13	0.3	0.46	18.25	0.18	0
AZ631	58	Wilaha cindery loam, 2 to 30 percent slopes	0.15	0.28	0.44	13.63	0.15	0
AZ631	59	Wilaha-Wukoki association, steep	0.14	0.28	0.43	13.27	0.14	0
AZ631	60	Winona gravelly loam, 0 to 8 percent slopes	0.13	0.26	0.41	14.57	0.11	0
AZ631	61	Winona stony loam, 0 to 8 percent slopes	0.13	0.26	0.41	14.57	0.11	0
AZ631	62	Winona-Boysag gravelly loams, 0 to 8 percent slopes	0.12	0.25	0.42	13.5	0.16	0
AZ631	63	Winona-Epikom association, gently sloping	0.11	0.22	0.41	9.26	0.22	0
AZ631	64	Winona-Rock outcrop complex, 15 to 30 percent slopes	0.13	0.26	0.41	14.57	0.11	30
AZ631	65	Winona-Rock outcrop complex, 30 to 70 percent slopes	0.13	0.26	0.41	14.57	0.11	30

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ631	66	Winona-Tusayan association, gently sloping	0.1	0.21	0.41	8.62	0.24	0
AZ631	67	Wukoki-Rock outcrop complex, 5 to 25 percent slopes	0.14	0.27	0.43	12.83	0.12	25
AZ631	68	Wukoki-Wupatki very cindery loams, 15 to 60 percent slopes	0.14	0.27	0.43	12.83	0.12	0
AZ631	69	Wupatki-Wukoki very cindery loams, 0 to 15 percent slopes	0.14	0.27	0.43	12.83	0.12	0
AZ631	70	Ziegler gravelly loam, 0 to 8 percent slopes	0.11	0.25	0.44	10.61	0.33	0
AZ631	71	Ziegler-Cross association, moderately sloping	0.14	0.28	0.45	11.94	0.19	0
AZ631	72	Ziegler-Wilaha association, strongly sloping	0.12	0.26	0.44	11.33	0.27	0
AZ631	73	Water	0.3	0.42	0.48	11.42	0.01	100
AZ633	1	Arntz fine sandy loam, 1 to 8 percent slopes	0.08	0.16	0.4	4.04	0.68	0
AZ633	2	Atarque fine sandy loam, 1 to 12 percent slopes	0.11	0.24	0.41	14.13	0.22	0
AZ633	3	Badland-Torriorthents association, 1 to 30 percent slopes	0.13	0.26	0.4	9.26	0.13	0
AZ633	4	Bagley clay loam, 0 to 3 percent slopes	0.22	0.36	0.48	12.28	0.09	0
AZ633	5	Barx fine sandy loam, 0 to 3 percent slopes	0.1	0.19	0.43	3.14	0.64	0
AZ633	6	Barx fine sandy loam, 3 to 10 percent slopes	0.1	0.19	0.43	3.14	0.64	0
AZ633	7	Bisoodi fine sandy loam, 1 to 8 percent slopes	0.09	0.22	0.43	11.09	0.43	0
AZ633	8	Burnswick-Marcou complex, 1 to 5 percent slopes	0.11	0.2	0.41	3.14	0.37	0
AZ633	9	Burnswick sandy clay loam, 1 to 5 percent slopes	0.17	0.27	0.41	9.6	0.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ633	10	Calciorthids-Torriorthents-Rock outcrop complex, 15 to 80 percent slopes	0.19	0.32	0.44	15.5	0.06	20
AZ633	11	Cerrillos sandy loam, 1 to 10 percent slopes	0.18	0.28	0.41	9.37	0.09	0
AZ633	12	Cerrillos-Ubank complex, 1 to 8 percent slopes	0.14	0.24	0.41	6.97	0.19	0
AZ633	13	Claysprings clay, 1 to 10 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ633	14	Deama family very gravelly loam, 1 to 8 percent slopes	0.12	0.25	0.43	12.33	0.17	0
AZ633	15	Deama-Rock outcrop complex, 1 to 20 percent slopes	0.14	0.28	0.43	13.64	0.12	35
AZ633	16	Dune land	0.02	0.08	0.41	1.06	1.9	0
AZ633	17	Epikom channery sandy loam, 1 to 12 percent slopes	0.1	0.23	0.39	14.87	0.23	0
AZ633	18	Epikom-Rock outcrop complex, 1 to 20 percent slopes	0.07	0.16	0.39	5.14	0.49	30
AZ633	19	Escavada family sandy loam, 0 to 3 percent slopes	0.08	0.16	0.4	4.04	0.67	0
AZ633	20	Grieta sandy loam, 1 to 3 percent slopes	0.09	0.17	0.39	5.39	0.48	0
AZ633	21	Grieta sandy loam, 3 to 10 percent slopes	0.09	0.17	0.39	5.39	0.48	0
AZ633	22	Gypsiorthids-Torriorthents association, 5 to 60 percent slopes	0.21	0.32	0.43	12.74	0.05	0
AZ633	23	Ives fine sandy loam, wet, 0 to 1 percent slopes	0.08	0.15	0.4	3.27	0.75	0
AZ633	24	Ives sandy loam, saline-sodic, 1 to 3 percent slopes	0.09	0.17	0.4	4.56	0.56	0
AZ633	25	Ives very fine sandy loam, saline-sodic, 0 to 1 percent slopes	0.09	0.18	0.4	5.76	0.52	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ633	26	Jocity sandy clay loam, 1 to 3 percent slopes	0.17	0.27	0.4	10.06	0.1	0
AZ633	27	Jocity sandy clay loam, saline-sodic, 0 to 1 percent slopes	0.17	0.27	0.4	10.06	0.1	0
AZ633	28	Jocity sandy clay loam, saline-sodic, 1 to 3 percent slopes	0.17	0.27	0.4	10.06	0.1	0
AZ633	29	Jocity silty clay, saline-sodic, 0 to 1 percent slopes	0.27	0.41	0.5	19.32	0.03	0
AZ633	30	Kech fine sandy loam, 1 to 12 percent slopes	0.14	0.28	0.43	13.64	0.19	0
AZ633	31	Kech-Rock outcrop complex, 1 to 20 percent slopes	0.14	0.27	0.42	15.43	0.13	30
AZ633	32	Kinan loamy sand, 1 to 5 percent slopes	0.07	0.16	0.39	5.14	0.65	0
AZ633	33	Leanto-Bisoodi complex, 1 to 12 percent slopes	0.09	0.19	0.41	6.48	0.41	0
AZ633	34	Leanto-Bisoodi-Rock outcrop complex, 1 to 20 percent slopes	0.09	0.22	0.41	12.72	0.3	25
AZ633	35	Lozinta extremely cindery loam, 20 to 60 percent slopes	0.11	0.25	0.43	12.28	0.17	0
AZ633	36	Manzano sandy clay loam, 0 to 3 percent slopes	0.18	0.28	0.42	8.91	0.13	0
AZ633	37	Marcou loamy sand, 1 to 8 percent slopes	0.03	0.09	0.42	0.71	1.9	0
AZ633	38	Medisaprists, saline, 0 to 1 percent slopes	0.09	0.39	0.73	2.68	2	0
AZ633	39	Mellenthin-Rock outcrop complex, 1 to 20 percent slopes	0.12	0.25	0.43	12.33	0.18	25
AZ633	40	Navajo silty clay, saline-sodic, 0 to 1 percent slopes	0.28	0.42	0.51	16.91	0.03	0
AZ633	41	Navajo silty clay, saline-sodic, 1 to 3 percent slopes	0.28	0.42	0.51	16.91	0.03	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ633	42	Navajo silty clay, wet, 0 to 1 percent slopes	0.28	0.42	0.51	16.91	0.03	0
AZ633	43	Nuffel silt loam, 0 to 3 percent slopes	0.18	0.36	0.46	29.25	0.06	0
AZ633	44	Padilla-Cerrillos complex, 1 to 10 percent slopes	0.19	0.29	0.42	9	0.09	0
AZ633	45	Pensom-Chedeski complex, 1 to 5 percent slopes	0.08	0.15	0.42	4.3	0.68	0
AZ633	46	Penzance-Grieta complex, 0 to 5 percent slopes	0.16	0.28	0.42	11.7	0.13	0
AZ633	47	Poley fine sandy loam, 1 to 5 percent slopes	0.11	0.25	0.43	12.28	0.31	0
AZ633	48	Purgatory fine sandy loam, 1 to 8 percent slopes	0.11	0.24	0.4	15.34	0.21	0
AZ633	49	Radnik silt loam, 0 to 3 percent slopes	0.1	0.27	0.44	18.81	0.27	0
AZ633	50	Riverwash-Typic Torrifluvents complex, 0 to 5 percent slopes	0.04	0.13	0.39	3.88	0.96	0
AZ633	51	Riverwash-Ustic Torrifluvents complex, 0 to 5 percent slopes	0.08	0.19	0.41	7.33	0.53	0
AZ633	52	Rock outcrop-Arches complex, 2 to 30 percent slopes	0.04	0.1	0.41	1.1	1.52	45
AZ633	53	Rock outcrop-Deama complex, 20 to 60 percent slopes	0.14	0.28	0.43	13.64	0.12	55
AZ633	54	Rock outcrop-Epikom complex, 20 to 60 percent slopes	0.07	0.16	0.39	5.14	0.48	50
AZ633	55	Rock outcrop-Kech complex, 20 to 60 percent slopes	0.14	0.27	0.42	15.43	0.13	50
AZ633	56	Rock outcrop-Leanto complex, 20 to 60 percent slopes	0.1	0.22	0.4	14.25	0.22	40

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ633	57	Rock outcrop-Mellenthin complex, 20 to 60 percent slopes	0.12	0.25	0.43	12.33	0.18	60
AZ633	58	Rock outcrop-Needle complex, 1 to 10 percent slopes	0.03	0.07	0.43	2.68	2	50
AZ633	59	Shalet silty clay loam, 0 to 3 percent slopes	0.21	0.36	0.46	22.03	0.05	0
AZ633	60	Sheppard-Grieta complex, 1 to 12 percent slopes	0.05	0.12	0.4	1.98	1.05	0
AZ633	61	Sheppard loamy sand, 1 to 12 percent slopes	0.02	0.08	0.41	0.91	1.94	0
AZ633	62	Sheza gravelly sandy loam, 2 to 20 percent slopes	0.09	0.17	0.4	4.8	0.41	0
AZ633	63	Springerville clay, 0 to 3 percent slopes	0.3	0.42	0.5	13.14	0.02	0
AZ633	64	Springerville family silty clay, 1 to 8 percent slopes	0.29	0.43	0.53	11.52	0.05	0
AZ633	65	Thunderbird cobbly silty clay loam, 1 to 12 percent slopes	0.29	0.41	0.49	13.79	0.02	0
AZ633	66	Torriorthents-Typic Calciorthids association, 20 to 60 percent slopes	0.27	0.4	0.47	14.16	0.01	0
AZ633	67	Tours clay loam, 1 to 3 percent slopes	0.17	0.32	0.43	22.21	0.07	0
AZ633	68	Tours silty clay loam, saline-sodic, 0 to 1 percent slopes	0.21	0.38	0.47	27.66	0.04	0
AZ633	69	Tours silty clay loam, saline-sodic, 1 to 3 percent slopes	0.21	0.38	0.47	27.66	0.04	0
AZ633	70	Trail loamy sand, 0 to 3 percent slopes	0.04	0.1	0.4	1.34	1.5	0
AZ633	71	Ustollic Haplargids association, 1 to 30 percent slopes	0.09	0.18	0.43	3.14	0.55	0
AZ633	72	Water	0.3	0.42	0.48	11.42	0.01	100
AZ633	73	Miscellaneous water	0.3	0.42	0.48	11.42	0.01	100

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ633	74	Borrow pits	0.06	0.14	0.38	2.97	0.74	0
AZ633	75	Dam	0.3	0.42	0.48	11.42	0.01	0
AZ635	BA	Badland	0.11	0.24	0.39	8.19	0.19	0
AZ635	BDB	Bandera gravelly loam, 0 to 8 percent slopes	0.14	0.28	0.43	13.24	0.11	0
AZ635	BDE	Bandera gravelly loam, 8 to 60 percent slopes	0.12	0.24	0.43	7.2	0.17	0
AZ635	BEB	Bandera extremely rocky loam, 0 to 8 percent slopes	0.14	0.28	0.43	13.24	0.11	30
AZ635	BsE	Bushvalley cobbly sandy loam, 5 to 40 percent slopes	0.09	0.18	0.44	2.37	0.63	0
AZ635	BuC	Bushvalley loam, 1 to 5 percent slopes	0.11	0.25	0.46	9.3	0.42	0
AZ635	CaB	Cambern sandy loam, 1 to 3 percent slopes	0.12	0.22	0.46	2.4	0.65	0
AZ635	CaC	Cambern sandy loam, 3 to 5 percent slopes	0.12	0.22	0.46	2.4	0.65	0
AZ635	CaD	Cambern sandy loam, 5 to 10 percent slopes	0.12	0.22	0.46	2.4	0.65	0
AZ635	CcC	Claysprings clay, 1 to 5 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ635	CDB	Claysprings clay, 0 to 8 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ635	CE	Clover Springs silt loam	0.13	0.33	0.5	19.44	0.28	0
AZ635	CgB	Clover Springs silt loam, 1 to 3 percent slopes	0.13	0.33	0.5	19.44	0.28	0
AZ635	CgC	Clover Springs silt loam, 3 to 5 percent slopes	0.13	0.33	0.5	19.44	0.28	0
AZ635	CgD	Clover Springs silt loam, 5 to 10 percent slopes	0.13	0.33	0.5	19.44	0.28	0
AZ635	CLB	Clovis loamy sand, 0 to 8 percent slopes	0.04	0.09	0.42	0.25	1.68	0
AZ635	CmB	Clovis fine sandy loam, 1 to 3 percent slopes	0.07	0.16	0.4	4.95	0.76	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ635	CmC	Clovis fine sandy loam, 3 to 5 percent slopes	0.07	0.16	0.4	4.95	0.76	0
AZ635	CnB	Clovis gravelly fine sandy loam, 1 to 3 percent slopes	0.07	0.16	0.4	4.95	0.62	0
AZ635	CnC	Clovis gravelly fine sandy loam, 3 to 5 percent slopes	0.07	0.16	0.4	4.95	0.62	0
AZ635	CnE	Clovis gravelly fine sandy loam, 5 to 20 percent slopes	0.07	0.16	0.4	4.95	0.62	0
AZ635	CoB	Clovis sandy clay loam, 1 to 3 percent slopes	0.15	0.25	0.41	8.76	0.16	0
AZ635	CoC	Clovis sandy clay loam, 3 to 5 percent slopes	0.15	0.25	0.41	8.76	0.16	0
AZ635	CsB	Clovis sandy clay loam, thin solum, 1 to 3 percent slopes	0.15	0.25	0.4	9.25	0.15	0
AZ635	CsC	Clovis sandy clay loam, thin solum, 3 to 5 percent slopes	0.15	0.25	0.4	9.25	0.15	0
AZ635	CTB	Clovis-Palma association, undulating	0.04	0.09	0.42	0.31	1.59	0
AZ635	EaB	Eagar loam, 1 to 3 percent slopes	0.13	0.27	0.47	8.84	0.4	0
AZ635	EaC	Eagar loam, 3 to 5 percent slopes	0.13	0.27	0.47	8.84	0.4	0
AZ635	EaD	Eagar loam, 5 to 10 percent slopes	0.13	0.27	0.47	8.84	0.4	0
AZ635	EaE	Eagar loam, 10 to 30 percent slopes	0.13	0.27	0.47	8.84	0.38	0
AZ635	EgC	Eagar gravelly loam, 0 to 5 percent slopes	0.13	0.27	0.47	8.84	0.36	0
AZ635	ER2	Eroded land	0.06	0.14	0.38	2.97	0.74	0
AZ635	FRB	Fruitland sandy loam, 1 to 8 percent slopes	0.06	0.14	0.39	4.6	0.8	0
AZ635	FuC	Fruitland loam, cold variant, 1 to 5 percent slopes	0.12	0.25	0.43	12.33	0.29	0
AZ635	GPI	Gravel pit	0.02	0.06	0.41	0.29	2	0
AZ635	GU	Gullied land	0.15	0.28	0.41	16.35	0.13	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ635	HDB	Hereford loam, 0 to 8 percent slopes	0.12	0.26	0.44	11.15	0.32	0
AZ635	HeB	Hereford loam, 1 to 3 percent slopes	0.12	0.26	0.44	11.15	0.32	0
AZ635	HeC	Hereford loam, 3 to 5 percent slopes	0.12	0.26	0.44	11.15	0.32	0
AZ635	HfB	Hereford gravelly loam, 0 to 3 percent slopes	0.12	0.26	0.44	11.15	0.26	0
AZ635	HhB	Hereford loam, heavy variant, 1 to 3 percent slopes	0.14	0.28	0.47	9.38	0.33	0
AZ635	HrC	Hereford stony loam, heavy variant, 3 to 5 percent slopes	0.12	0.26	0.44	11.15	0.27	0
AZ635	HUB	Hubert gravelly loam, 0 to 8 percent slopes	0.1	0.24	0.43	11.75	0.32	0
AZ635	HUC2	Hubert gravelly loam, 2 to 15 percent slopes, eroded	0.1	0.23	0.43	11	0.31	0
AZ635	JoB	Jocity sandy loam, 0 to 3 percent slopes	0.06	0.14	0.39	4.6	0.77	0
AZ635	JR	Jocity sandy clay loam	0.17	0.27	0.4	10.06	0.1	0
AZ635	JS	Jocity-Claysprings complex	0.2	0.31	0.42	11.65	0.06	10
AZ635	LO	Loamy alluvial land	0.11	0.24	0.39	8.19	0.19	0
AZ635	LuA	Luth clay loam, seeped, 0 to 1 percent slopes	0.27	0.4	0.49	12.87	0.04	0
AZ635	LuB	Luth clay loam, seeped, 1 to 3 percent slopes	0.27	0.4	0.49	12.87	0.04	0
AZ635	MGD	Millett gravelly sandy loam, 8 to 30 percent slopes	0.17	0.27	0.41	9.16	0.11	0
AZ635	MKB	Moenkopie loamy sand, 0 to 8 percent slopes	0.11	0.19	0.39	5.4	0.36	0
AZ635	MOD	Moenkopie very rocky loamy sand, 0 to 30 percent slopes	0.06	0.14	0.39	4.6	0.74	39
AZ635	MPI	Mine pit	0.3	0.42	0.48	11.42	0.01	0
AZ635	NaB	Navajo sandy clay loam, 1 to 3 percent slopes	0.17	0.27	0.4	10.06	0.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ635	NaC	Navajo sandy clay loam, 3 to 5 percent slopes	0.17	0.27	0.4	10.06	0.11	0
AZ635	NC	Navajo clay	0.28	0.42	0.48	15.79	0.02	0
AZ635	NdA	Navajo clay, 0 to 1 percent slopes	0.28	0.42	0.48	15.79	0.02	0
AZ635	NdB	Navajo clay, 1 to 3 percent slopes	0.28	0.42	0.48	15.79	0.02	0
AZ635	NdC	Navajo clay, 3 to 5 percent slopes	0.28	0.42	0.48	15.79	0.02	0
AZ635	NlA	Navajo clay, saline-alkali, 0 to 1 percent slopes	0.28	0.42	0.48	15.79	0.02	0
AZ635	NT	Nutrioso loam	0.12	0.26	0.44	11.15	0.32	0
AZ635	NuA	Nutrioso loam, 0 to 1 percent slopes	0.12	0.26	0.44	11.15	0.32	0
AZ635	NuB	Nutrioso loam, 1 to 3 percent slopes	0.12	0.26	0.44	11.15	0.32	0
AZ635	NuC	Nutrioso loam, 3 to 5 percent slopes	0.12	0.26	0.44	11.15	0.32	0
AZ635	PAB	Palma loamy sand, 0 to 8 percent slopes	0.05	0.1	0.41	0.52	1.36	0
AZ635	PSB	Palma-Sheppard association, undulating	0.04	0.09	0.41	0.5	1.52	0
AZ635	RH	Riverwash	0.03	0.12	0.39	4.67	1.16	0
AZ635	RO	Rough broken land	0.12	0.21	0.4	6.31	0.27	0
AZ635	RvB	Rudd loam, 1 to 3 percent slopes	0.14	0.27	0.43	12.83	0.16	0
AZ635	RwF	Rudd stony loam, 1 to 45 percent slopes	0.14	0.27	0.43	12.83	0.16	0
AZ635	RXB	Rudd complex, 0 to 8 percent slopes	0.14	0.27	0.43	13.02	0.16	0
AZ635	SA	Sandstone rock land	0.17	0.31	0.42	18.12	0.08	50
AZ635	SD	Sandy alluvial land	0.03	0.1	0.41	1.09	1.58	0
AZ635	Sh	Shay clay	0.27	0.4	0.5	12.07	0.04	0
AZ635	SMB	Sheppard loamy sand, 0 to 8 percent slopes	0.03	0.08	0.41	0.47	1.71	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ635	Sp	Springerville clay	0.29	0.41	0.49	13.79	0.02	0
AZ635	SRB	Springerville cobbly clay, 0 to 8 percent slopes	0.29	0.41	0.49	13.79	0.02	0
AZ635	SU	Stony rock land	0.3	0.42	0.48	11.42	0.01	92
AZ635	TbC	Thunderbird gravelly clay loam, 1 to 5 percent slopes	0.19	0.33	0.45	15.03	0.07	0
AZ635	TDB	Thunderbird cobbly clay loam, 0 to 15 percent slopes	0.19	0.33	0.45	15.03	0.08	0
AZ635	TH	Tours sandy loam	0.06	0.14	0.39	4.6	0.77	0
AZ635	TL	Tours loam	0.11	0.24	0.4	16.43	0.2	0
AZ635	TmC	Tours sandy clay loam, 3 to 5 percent slopes	0.17	0.27	0.4	10.79	0.1	0
AZ635	TO	Tours clay loam	0.19	0.33	0.43	21.21	0.05	0
AZ635	TrA	Tours clay loam, 0 to 1 percent slopes	0.19	0.33	0.43	21.21	0.05	0
AZ635	TrB	Tours clay loam, 1 to 3 percent slopes	0.19	0.33	0.43	21.21	0.05	0
AZ635	Tu	Tours clay loam, saline-alkali	0.19	0.33	0.43	21.21	0.05	0
AZ635	TV	Travertine rock land	0.17	0.31	0.42	18.12	0.08	60
AZ635	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ635	WFB	Winona fine sandy loam, 0 to 8 percent slopes	0.11	0.24	0.4	15.34	0.18	20
AZ635	ZeC	Ziegler gravelly loam, 1 to 5 percent slopes	0.12	0.26	0.44	11.15	0.27	0
AZ635	ZGB	Ziegler gravelly clay loam, 0 to 8 percent slopes	0.21	0.35	0.46	14.05	0.06	0
AZ635	ZGE	Ziegler gravelly clay loam, 8 to 60 percent slopes	0.21	0.35	0.46	14.05	0.06	0
AZ637	AaB	Abra gravelly sandy loam, 0 to 8 percent slopes	0.12	0.2	0.41	4.43	0.38	0
AZ637	AbB	Abra-Lonti loams, 0 to 5 percent slopes	0.12	0.25	0.43	12.04	0.29	0
AZ637	AeB	Abra-Poley loams, 0 to 5 percent slopes	0.15	0.28	0.43	11.67	0.16	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	AlC	Abra-Balon association, rolling	0.15	0.27	0.43	10.9	0.16	0
AZ637	AlD	Abra-Balon association, hilly	0.15	0.27	0.43	11.12	0.16	0
AZ637	AmC	Abra-Lynx association, rolling	0.13	0.26	0.43	12.81	0.22	0
AZ637	AnC	Abra-Wineg association, rolling	0.15	0.28	0.44	10.21	0.18	0
AZ637	AoC	Anthony gravelly loamy sand, 8 to 15 percent slopes	0.11	0.19	0.4	5.01	0.31	0
AZ637	ApB	Anthony gravelly sandy loam, 0 to 8 percent slopes	0.11	0.19	0.4	5.01	0.31	0
AZ637	ArA	Anthony-Mohave sandy loams, 1 to 3 percent slopes	0.1	0.18	0.4	4.91	0.4	0
AZ637	As	Apache gravelly loam	0.15	0.29	0.44	14.01	0.14	0
AZ637	At	Apache very stony loam	0.14	0.28	0.43	13.64	0.13	0
AZ637	AuC	Arp gravelly clay loam, 0 to 20 percent slopes	0.27	0.4	0.48	15.81	0.02	0
AZ637	AvD	Arp cobbly clay loam, 10 to 25 percent slopes	0.27	0.4	0.48	15.81	0.02	0
AZ637	AwE	Arp very rocky clay loam, 20 to 40 percent slopes	0.27	0.4	0.48	15.81	0.02	20
AZ637	AxD	Arp-Moano complex, 0 to 30 percent slopes	0.21	0.35	0.46	14.57	0.05	0
AZ637	AyC	Arp-Lynx association, rolling	0.22	0.35	0.46	14.74	0.05	0
AZ637	Ba	Badland	0.11	0.24	0.39	8.19	0.19	0
AZ637	BdC	Balon sandy loam, 0 to 15 percent slopes	0.12	0.2	0.41	4.43	0.4	0
AZ637	BgD	Balon gravelly sandy clay loam, 5 to 30 percent slopes	0.18	0.28	0.42	8.91	0.11	0
AZ637	BlC	Balon-Lynx association, rolling	0.18	0.29	0.43	10.32	0.11	0
AZ637	BmF	Barkerville cobbly sandy loam, 20 to 60 percent slopes	0.08	0.17	0.42	3.32	0.63	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	BnD	Barkerville very stony sandy loam, 5 to 25 percent slopes	0.1	0.2	0.42	5.91	0.28	0
AZ637	BoF	Barkerville extremely rocky sandy loam, 20 to 60 percent slopes	0.08	0.17	0.42	3.32	0.63	20
AZ637	BrD	Bridge gravelly loam, 0 to 25 percent slopes	0.15	0.29	0.44	14.01	0.14	0
AZ637	BsC	Brolliar very stony silt loam, 0 to 15 percent slopes	0.16	0.34	0.55	7.16	0.33	0
AZ637	BsD	Brolliar very stony silt loam, 15 to 30 percent slopes	0.16	0.34	0.55	7.16	0.33	0
AZ637	CaD	Cabezon-Springerville complex, 5 to 25 percent slopes	0.28	0.41	0.49	14.03	0.02	0
AZ637	CbC	Cabezon-Springerville cobbly complex, 5 to 15 percent slopes	0.28	0.41	0.49	14.03	0.02	0
AZ637	CdC	Cabezon-Thunderbird complex, 5 to 15 percent slopes	0.27	0.4	0.48	14.89	0.02	0
AZ637	CeE	Cabezon soils, 8 to 45 percent slopes	0.27	0.4	0.48	14.49	0.02	0
AZ637	CgC	Cave gravelly sandy loam, 2 to 15 percent slopes	0.07	0.16	0.4	4.47	0.59	0
AZ637	ClD	Cave-Continental gravelly sandy loams, 2 to 30 percent slopes	0.08	0.17	0.4	4.66	0.51	0
AZ637	CmD	Cellar very gravelly sandy loam, 8 to 30 percent slopes	0.13	0.26	0.41	14.57	0.12	0
AZ637	CnC	Cellar very rocky sandy loam, 2 to 15 percent slopes	0.13	0.26	0.41	14.57	0.12	20
AZ637	CnF	Cellar very rocky sandy loam, 15 to 60 percent slopes	0.13	0.26	0.41	14.57	0.12	20
AZ637	CoD	Cellar-Chiricahua complex, 8 to 30 percent slopes	0.11	0.23	0.41	9.43	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	CrF	Cellar soils, 20 to 60 percent slopes	0.13	0.26	0.41	14.57	0.12	0
AZ637	CsC	Continental gravelly sandy loam, 2 to 15 percent slopes	0.09	0.18	0.4	4.97	0.4	0
AZ637	CtD	Continental-Cave gravelly sandy loams, 8 to 30 percent slopes	0.09	0.17	0.4	4.78	0.46	0
AZ637	CuC	Continental-Whitlock gravelly sandy loams, 2 to 15 percent slopes	0.09	0.17	0.4	4.56	0.45	0
AZ637	CvB	Continental-Loamy alluvial land association, sloping	0.1	0.2	0.4	5.87	0.31	0
AZ637	CwD	Continental soils, 3 to 30 percent slopes	0.12	0.22	0.41	6.17	0.2	0
AZ637	Cx	Cordes sandy loam	0.11	0.21	0.45	2.86	0.61	0
AZ637	Cy	Cordes fine sandy loam, red variant	0.11	0.21	0.45	2.86	0.64	0
AZ637	CzC	Cross, Cabezon, and Apache soils, 2 to 15 percent slopes	0.21	0.34	0.46	14.47	0.06	0
AZ637	DaF	Dandrea gravelly loam, 20 to 60 percent slopes	0.13	0.27	0.44	11.65	0.21	0
AZ637	DgC	Dye gravelly loam, 2 to 15 percent slopes	0.25	0.38	0.47	14.84	0.03	0
AZ637	DrC	Dye very rocky loam, 2 to 15 percent slopes	0.25	0.38	0.47	14.84	0.03	20
AZ637	FaC	Faraway very rocky loam, 0 to 15 percent slopes	0.14	0.28	0.43	13.24	0.16	25
AZ637	FlE	Faraway-Luzena complex, 20 to 40 percent slopes	0.12	0.26	0.44	11.78	0.19	0
AZ637	FlF	Faraway-Luzena complex, 40-60 percent slopes	0.12	0.26	0.44	11.57	0.19	0
AZ637	GdD	Gaddes gravelly sandy loam, 3 to 25 percent slopes	0.19	0.32	0.45	12.64	0.09	0
AZ637	Go	Gila soils	0.12	0.24	0.41	10.74	0.23	0
AZ637	GrB	Graham-Rimrock complex, 0 to 8 percent slopes	0.24	0.37	0.47	14.15	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	GsE	Graham soils, 8 to 45 percent slopes	0.27	0.4	0.49	13.68	0.03	0
AZ637	HgB	Hogg gravelly loam, 0 to 8 percent slopes	0.13	0.27	0.44	11.65	0.22	0
AZ637	HgD	Hogg gravelly loam, 8 to 30 percent slopes	0.13	0.27	0.44	11.65	0.22	0
AZ637	HmE	House Mountain soils, 15-40 percent slopes	0.14	0.27	0.42	15.15	0.11	0
AZ637	JaC	Jacks very rocky loam, 3 to 15 percent slopes	0.3	0.42	0.5	12.41	0.02	20
AZ637	JaD	Jacks very rocky loam, 15 to 30 percent slopes	0.3	0.42	0.5	12.41	0.02	20
AZ637	La	Latene gravelly sandy loam	0.07	0.15	0.39	4.38	0.56	0
AZ637	Lc	Latene-Mohave complex	0.08	0.16	0.4	4.51	0.58	0
AZ637	Le	Lehmans gravelly clay loam, 8 to 45 percent slopes	0.3	0.42	0.5	14.25	0.01	0
AZ637	Lh	Lehmans extremely rocky clay loam, 8 to 60 percent slopes	0.3	0.42	0.5	14.25	0.01	40
AZ637	LkD	Lonti gravelly sandy loam, 15 to 30 percent slopes	0.08	0.17	0.42	3.32	0.61	0
AZ637	LlC	Lonti gravelly sandy loam, high rainfall, 0 to 15 percent slopes	0.08	0.17	0.42	3.32	0.61	0
AZ637	LlD	Lonti gravelly sandy loam, high rainfall, 15 to 30 percent slopes	0.08	0.17	0.42	3.32	0.61	0
AZ637	LmB	Lonti gravelly loam, 0 to 8 percent slopes	0.13	0.26	0.43	11.62	0.2	0
AZ637	LnC	Lonti cobbly loam, 0 to 15 percent slopes	0.14	0.28	0.43	13.64	0.16	0
AZ637	LnF	Lonti cobbly loam, 30 to 60 percent slopes	0.14	0.28	0.43	13.64	0.16	0
AZ637	LoD	Lonti complex, 2 to 30 percent slopes	0.1	0.21	0.43	5.32	0.44	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	LpB	Lonti-Abra gravelly sandy loams, 0 to 8 percent slopes	0.1	0.18	0.42	3.74	0.5	0
AZ637	LrD	Lonti-Abra complex, 8 to 30 percent slopes	0.13	0.24	0.42	7.81	0.26	0
AZ637	LsC	Lonti-Pastura complex, 0 to 20 percent slopes	0.14	0.27	0.43	12.5	0.17	0
AZ637	LtB	Lonti-Cordes association, undulating	0.09	0.18	0.43	3.13	0.61	0
AZ637	LuC	Lonti-Wineg complex, 3 to 15 percent slopes	0.13	0.22	0.43	4.55	0.33	0
AZ637	LvE	Lonti-Rock land association, hilly	0.12	0.24	0.42	9.1	0.23	0
AZ637	LwD	Luzena cobbly loam, 0 to 30 percent slopes	0.15	0.29	0.44	14.01	0.13	0
AZ637	LxD	Luzena very rocky loam, 10 to 30 percent slopes	0.15	0.29	0.44	14.01	0.11	25
AZ637	Ly	Lynx soils	0.16	0.3	0.44	13.77	0.15	0
AZ637	Ly2	Lynx soils, eroded	0.19	0.33	0.45	14.54	0.09	0
AZ637	Lz	Lynx soils, wet variant	0.16	0.29	0.44	13.65	0.16	0
AZ637	MbC	Mirabal gravelly sandy loam, 8 to 20 percent slopes	0.09	0.18	0.42	3.86	0.5	0
AZ637	MbF	Mirabal gravelly sandy loam, 20 to 60 percent slopes	0.09	0.18	0.42	3.86	0.5	0
AZ637	MdF	Mirabal-Dandrea complex, 20 to 60 percent slopes	0.12	0.23	0.43	6.23	0.3	0
AZ637	MgD	Moano gravelly loam, 0 to 30 percent slopes	0.13	0.26	0.43	12.81	0.18	0
AZ637	MkF	Moano very rocky loam, 15 to 60 percent slopes	0.13	0.26	0.43	12.81	0.18	20
AZ637	MoD	Moano extremely rocky loam, 15 to 30 percent slopes	0.13	0.26	0.43	12.81	0.18	30
AZ637	MrC	Moano-Lynx association, rolling	0.13	0.26	0.43	12.81	0.2	0
AZ637	MsB	Moenkopie association, undulating	0.1	0.18	0.42	3.43	0.64	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	Mt	Mohave sandy loam	0.08	0.17	0.4	4.73	0.6	0
AZ637	PaB	Palma sandy loam, 1 to 8 percent slopes	0.08	0.17	0.4	4.67	0.62	0
AZ637	PcE	Palos Verdes gravelly sandy loam, 8 to 40 percent slopes	0.18	0.31	0.42	15.79	0.05	0
AZ637	Pd	Partri loam	0.27	0.4	0.49	13.68	0.03	0
AZ637	Pe	Partri gravelly clay loam	0.27	0.4	0.49	13.68	0.03	0
AZ637	Pf	Partri-Abra loams	0.21	0.34	0.46	13.31	0.07	0
AZ637	PgB	Pastura gravelly loam, 0 to 8 percent slopes	0.15	0.29	0.44	14.01	0.13	0
AZ637	PhD	Pastura complex, 1 to 30 percent slopes	0.16	0.29	0.44	14.16	0.13	0
AZ637	PlB	Pastura-Poley complex, 2 to 8 percent slopes	0.17	0.29	0.43	11.92	0.11	0
AZ637	PmB	Pastura-Lynx association, undulating	0.15	0.28	0.44	13.6	0.16	0
AZ637	PnB	Pastura-Rune association, undulating	0.15	0.29	0.45	12.46	0.18	0
AZ637	Po	Poley gravelly sandy loam	0.2	0.3	0.42	9.25	0.08	0
AZ637	Pp	Poley-Partri loams	0.22	0.34	0.44	10.54	0.06	0
AZ637	PrC	Purner gravelly loam, 2 to 15 percent slopes	0.13	0.26	0.43	12.81	0.18	0
AZ637	PsC	Purner very stony loam, 2 to 15 percent slopes	0.13	0.26	0.43	12.81	0.16	0
AZ637	PsD	Purner very stony loam, 15 to 20 percent slopes	0.13	0.26	0.43	12.81	0.16	0
AZ637	PuC	Purner-Boysag complex, 2 to 15 percent slopes	0.18	0.31	0.45	13.66	0.09	0
AZ637	PvD	Purner and Dye soils, 2 to 30 percent slopes	0.17	0.3	0.45	13.45	0.09	0
AZ637	PwD	Purner and Moenkopie soils, 8 to 30 percent slopes	0.11	0.23	0.42	8.61	0.25	0
AZ637	ReD	Retriever gravelly loam, 2 to 30 percent slopes	0.13	0.26	0.41	14.57	0.16	0
AZ637	Rk	Rimrock cobbly clay	0.32	0.44	0.51	11.14	0.01	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	Rm	Rimrock-Cave complex	0.24	0.35	0.47	8.22	0.04	0
AZ637	Rn	Rimrock-Graham complex, 3 to 15 percent slopes	0.31	0.43	0.5	11.93	0.01	0
AZ637	Ro	Rock land	0.11	0.2	0.4	6.2	0.28	0
AZ637	Rr	Rock land, low rainfall	0.11	0.2	0.4	6.2	0.28	0
AZ637	Rs	Rough broken land	0.12	0.21	0.4	6.31	0.27	0
AZ637	Rt	Rune loam	0.14	0.28	0.47	9.38	0.35	0
AZ637	Sa	Sandy and Gravelly alluvial land	0.06	0.12	0.4	1.22	0.9	0
AZ637	ShB	Showlow gravelly sandy loam, 0 to 8 percent slopes	0.1	0.19	0.42	3.77	0.47	0
AZ637	SlB	Springerville cobbly clay, 0 to 8 percent slopes	0.3	0.42	0.5	13.14	0.02	0
AZ637	SmB	Springerville very stony clay, 0 to 8 percent slopes	0.3	0.42	0.5	13.14	0.01	0
AZ637	SnD	Springerville-Cabezon complex, 3 to 30 percent slopes	0.29	0.41	0.49	13.6	0.02	0
AZ637	SpB	Springerville-Pastura complex, 1 to 5 percent slopes	0.25	0.38	0.48	13.41	0.04	0
AZ637	StB	Springerville-Thunderbird complex, 0 to 8 percent slopes	0.29	0.41	0.49	14.09	0.02	0
AZ637	SuB	Springerville-Lonti association, undulating	0.22	0.35	0.47	12.44	0.06	0
AZ637	TaB	Tajo gravelly loam, 0 to 8 percent slopes	0.14	0.28	0.44	14.45	0.16	0
AZ637	TcC	Tajo-Springerville complex, 0 to 15 percent slopes	0.2	0.34	0.46	13.92	0.07	0
AZ637	TdC	Thunderbird cobbly clay loam, 0 to 15 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ637	TdE	Thunderbird cobbly clay loam, 15 to 40 percent slopes	0.27	0.4	0.48	15.73	0.02	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	ThC	Thunderbird-Cabezon complex, 0 to 15 percent slopes	0.27	0.4	0.48	15.3	0.02	0
AZ637	TlB	Tortugas gravelly loam, 2 to 8 percent slopes	0.13	0.27	0.44	11.65	0.21	0
AZ637	TmD	Tortugas very rocky loam, 8 to 30 percent slopes	0.16	0.3	0.47	9.86	0.14	20
AZ637	TnF	Tortugas extremely rocky loam, 15 to 60 percent slopes	0.11	0.24	0.44	10.52	0.23	30
AZ637	To	Tours loam	0.16	0.31	0.42	21.98	0.08	0
AZ637	TwC	Tres Hermanos-Whitlock gravelly sandy loams, 0 to 15 percent slopes	0.12	0.21	0.4	6.68	0.26	0
AZ637	Vm	Vekol-Mohave complex,	0.12	0.23	0.41	9.83	0.27	0
AZ637	VnD	Venezia cobbly loam, 0 to 30 percent slopes	0.13	0.27	0.47	8.84	0.31	0
AZ637	VrF	Venezia very stony loam, 30 to 60 percent slopes	0.13	0.27	0.47	8.84	0.27	0
AZ637	VsC	Venezia-Springerville complex, 0 to 20 percent slopes	0.19	0.32	0.48	10.17	0.11	0
AZ637	VtC	Venezia-Thunderbird complex, 5 to 15 percent slopes	0.18	0.32	0.47	11.14	0.12	0
AZ637	VtE	Venezia-Thunderbird complex, 15 to 40 percent slopes	0.18	0.32	0.47	11.14	0.12	0
AZ637	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ637	WcC	Waldroup-Cabezon, association, hilly	0.2	0.34	0.45	16.18	0.05	0
AZ637	WgC	Whitlock gravelly sandy loam, 0 to 15 percent slopes	0.08	0.16	0.4	4.04	0.54	0
AZ637	WhC	Whitlock-Anthony gravelly sandy loams, 0 to 15 percent slopes	0.09	0.17	0.4	4.34	0.45	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ637	WlF	Wilcoxson gravelly loam, 30 to 60 percent slopes	0.14	0.28	0.43	13.64	0.15	0
AZ637	Wm	Wineg sandy loam	0.19	0.29	0.44	7.15	0.14	0
AZ637	Wn	Wineg-Abra complex	0.17	0.28	0.44	8.68	0.16	0
AZ637	Wo	Wineg-Lynx association	0.17	0.28	0.44	8.68	0.17	0
AZ637	Wp	Wineg and Poley soils	0.19	0.3	0.43	8.13	0.11	0
AZ639	NOTCOM	No Digital Data Available	0.3	0.42	0.48	11.42	0.01	0
AZ641	An	Anthony fine sandy loam	0.09	0.17	0.41	3.32	0.66	0
AZ641	Ba	Basalt rock land	0.3	0.42	0.48	11.42	0.01	100
AZ641	Bg	Bridge gravelly sandy loam	0.09	0.2	0.4	9.11	0.33	0
AZ641	Bl	Bridge stony loam	0.14	0.27	0.42	14.85	0.13	0
AZ641	Bm	Brolliar gravelly clay loam	0.19	0.33	0.47	10.7	0.11	0
AZ641	Bn	Brolliar silt loam, deep	0.22	0.35	0.46	14.97	0.06	0
AZ641	BoB	Brolliar stony clay loam, 0 to 10 percent slopes	0.21	0.33	0.47	10.87	0.08	0
AZ641	BoC	Brolliar stony clay loam, 10 to 20 percent slopes	0.21	0.33	0.47	10.87	0.08	0
AZ641	BoD	Brolliar stony clay loam, 20 to 30 percent slopes	0.21	0.33	0.47	10.87	0.08	0
AZ641	Bp	Brolliar very rocky complex	0.21	0.33	0.47	10.87	0.08	40
AZ641	BrB	Brolliar very stony loam, 0 to 10 percent slopes	0.15	0.29	0.47	9.89	0.16	0
AZ641	BrC	Brolliar very stony loam, 10 to 20 percent slopes	0.15	0.29	0.47	9.89	0.16	0
AZ641	BrD	Brolliar very stony loam, 20 to 30 percent slopes	0.15	0.29	0.47	9.89	0.16	0
AZ641	Bu	Brolliar clay loam and alluvial land	0.16	0.28	0.43	9.72	0.15	0
AZ641	Bv	Brolliar cobbly loam and alluvial land	0.13	0.25	0.44	7.87	0.28	0
AZ641	Ca	Cabezon very stony loam	0.16	0.3	0.47	10.61	0.16	0
AZ641	Cc	Cabezon stony clay loam, dark variant	0.23	0.37	0.47	14.28	0.04	0
AZ641	Cd	Cornville fine sandy loam	0.09	0.17	0.4	4.25	0.55	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ641	Cg	Cornville gravelly sandy loam, thin solum variant	0.09	0.17	0.4	4.25	0.46	0
AZ641	Ch	Courthouse gravelly fine sandy loam	0.09	0.17	0.4	4.25	0.41	0
AZ641	Cs	Courthouse stony fine sandy loam	0.09	0.17	0.4	4.25	0.39	0
AZ641	Fk	Friana clay, black variant	0.27	0.4	0.51	10.49	0.05	0
AZ641	Fn	Friana soils	0.25	0.39	0.52	10.46	0.1	0
AZ641	Gm	Gem clay loam	0.24	0.38	0.51	10.67	0.11	0
AZ641	Gn	Gem-Springerville complex	0.26	0.4	0.5	11.6	0.04	0
AZ641	Gs	Gila very fine sandy loam, reddish variant	0.09	0.17	0.39	4.9	0.52	0
AZ641	Gt	Glendale silt loam	0.13	0.29	0.42	25.06	0.12	0
AZ641	Gu	Guest clay	0.27	0.4	0.49	13.68	0.03	0
AZ641	Ha	Hantz silty clay	0.27	0.41	0.5	18.45	0.04	0
AZ641	Hg	Hogg stony silt loam	0.16	0.34	0.5	15.85	0.17	0
AZ641	Hm	House Mountain stony loam	0.18	0.32	0.43	19.26	0.05	0
AZ641	Ja	Jacks fine sandy loam	0.09	0.17	0.41	3.32	0.66	0
AZ641	Jc	Jacks very rocky fine sandy loam	0.09	0.17	0.41	3.32	0.62	0
AZ641	Ka	Karro and laveen fine sandy loams	0.09	0.17	0.41	3.32	0.66	0
AZ641	La	Laveen gravelly sandy loam	0.1	0.18	0.41	4.46	0.47	0
AZ641	Ln	Lynx silt loam	0.14	0.32	0.49	14.71	0.3	0
AZ641	Ly	Lynx silt loam, heavy subsoil variant	0.14	0.32	0.49	14.71	0.3	0
AZ641	Ms	Mescal fine sandy loam	0.14	0.27	0.41	15.55	0.16	0
AZ641	Pc	Penthouse cobbly clay loam	0.21	0.35	0.44	16.55	0.04	0
AZ641	Ph	Penthouse stony loam	0.14	0.29	0.42	18.59	0.09	0
AZ641	Re	Retriever loam	0.12	0.25	0.41	15.17	0.19	0
AZ641	RrC	Retriever very stony loam, 0 to 20 percent slopes	0.12	0.25	0.41	15.17	0.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ641	RrD	Retriever very stony loam, 20 to 40 percent slopes	0.12	0.25	0.41	15.17	0.11	0
AZ641	Rw	Riverwash	0.03	0.12	0.39	4.67	1.16	0
AZ641	Rx	Rock land-Springerville complex	0.19	0.3	0.44	8.69	0.06	0
AZ641	Ry	Rough broken and stony land, limestone	0.3	0.42	0.48	11.42	0.01	100
AZ641	Sa	Sandstone outcrop	0.3	0.42	0.48	11.42	0.01	100
AZ641	Sd	Sandstone rock land	0.3	0.42	0.48	11.42	0.01	100
AZ641	Se	Schnebly very stony clay loam	0.2	0.33	0.44	16.38	0.04	0
AZ641	Sf	Siesta silt loam, deep	0.16	0.34	0.5	15.85	0.22	0
AZ641	Sg	Siesta stony silt loam	0.16	0.34	0.5	15.85	0.17	0
AZ641	ShC	Sponseller stony silt loam, 5 to 15 percent slopes	0.13	0.32	0.5	16.85	0.24	0
AZ641	ShD	Sponseller stony silt loam, 15 to 40 percent slopes	0.13	0.32	0.5	16.85	0.24	0
AZ641	Sk	Springerville clay	0.3	0.42	0.5	13.14	0.02	0
AZ641	Sl	Springerville clay, red phase	0.3	0.42	0.5	13.14	0.02	0
AZ641	Sm	Springerville cobbly clay	0.3	0.42	0.5	13.14	0.02	0
AZ641	SnB	Springerville very stony clay, 0 to 10 percent slopes	0.3	0.42	0.5	13.14	0.01	0
AZ641	SnC	Springerville very stony clay, 10 to 20 percent slopes	0.3	0.42	0.5	13.14	0.01	0
AZ641	SnD	Springerville very stony clay, 20 to 30 percent slopes	0.3	0.42	0.5	13.14	0.01	0
AZ641	So	Stagecoach cobbly sandy loam	0.07	0.16	0.4	4.28	0.5	0
AZ641	Sr	Stony hilly land, ash and tuff	0.3	0.42	0.48	11.42	0.01	100
AZ641	Ss	Stony rough land, basalt and cinders	0.3	0.42	0.48	11.42	0.01	100
AZ641	St	Stony rough land, sandstone	0.3	0.42	0.48	11.42	0.01	100
AZ641	Su	Stony steep land, basalt	0.3	0.42	0.48	11.42	0.01	100

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ641	Sv	Stony very steep land, basalt	0.3	0.42	0.48	11.42	0.01	100
AZ641	Tb	Tobler fine sandy loam	0.06	0.14	0.4	3.23	0.84	0
AZ641	Tg	Tobler gravelly fine sandy loam, brown variant	0.06	0.14	0.4	3.23	0.72	0
AZ641	To	Toquop loamy fine sand	0.03	0.09	0.41	1	1.7	0
AZ641	Tx	Toquop-Carrizo complex	0.03	0.08	0.42	1.79	1.55	0
AZ641	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ641	Wa	Waldroup loam, brownish variant	0.13	0.28	0.44	16.43	0.21	0
AZ641	Wc	Waldroup clay loam, deep	0.19	0.33	0.45	15.53	0.1	0
AZ641	Wg	Waldroup gravelly loam, moderately deep	0.15	0.29	0.44	14.01	0.13	0
AZ643	AnA	Anthony fine sandy loam, 0 to 2 percent slopes	0.08	0.16	0.4	4.04	0.72	0
AZ643	Ba	Basalt rock land	0.11	0.2	0.4	6.2	0.28	0
AZ643	BdC	Bridge gravelly sandy loam, 0 to 15 percent slopes	0.08	0.16	0.4	4.6	0.56	0
AZ643	BeD	Bridge cobbly loam, 10 to 30 percent sloeps	0.13	0.26	0.41	14.57	0.13	0
AZ643	BlB	Brolliar clay loam, 0 to 5 percent slopes	0.21	0.35	0.46	14.05	0.07	0
AZ643	BrC	Brolliar very stony clay loam, 0 to 10 percent slopes	0.21	0.35	0.46	14.05	0.05	0
AZ643	BrD	Brolliar very stony clay loam, 10 to 30 percent slopes	0.21	0.35	0.46	14.05	0.05	0
AZ643	CaF	Cabezon cobbly clay loam, 20 to 60 percent slopes	0.21	0.35	0.46	14.05	0.05	0
AZ643	CbD	Cabezon very stony clay loam, 0 to 20 percent slopes	0.21	0.35	0.46	14.05	0.05	0
AZ643	CeD	Cabezon extremely rocky loam, 0 to 20 percent slopes	0.12	0.26	0.44	11.15	0.18	40
AZ643	ChE	Chilson cobbly clay loam, 20 to 45 percent slopes	0.21	0.35	0.46	14.05	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ643	ClB	Clover Springs silt loam, 0 to 5 percent slopes	0.12	0.33	0.47	26.42	0.19	0
AZ643	CoB	Cornville fine sandy loam, 0 to 5 percent slopes	0.08	0.16	0.4	4.04	0.72	0
AZ643	Cr	Cowan and Arizo soils	0.04	0.1	0.42	0.65	1.6	0
AZ643	DeE	Disterheff very stony clay loam, 20 to 45 percent slopes	0.21	0.35	0.46	14.05	0.04	0
AZ643	DfC	Dye fine sandy loam, 0 to 10 percent slopes	0.08	0.17	0.42	3.32	0.78	0
AZ643	DvD	Dye very stony fine sandy loam, 0 to 20 percent slopes	0.09	0.18	0.43	2.84	0.53	0
AZ643	FrA	Friana clay loam, 0 to 2 percent slopes	0.22	0.35	0.49	11.19	0.11	0
AZ643	GcD	Gem cobbly clay loam, 0 to 20 percent slopes	0.21	0.35	0.46	14.05	0.06	0
AZ643	GdC	Glendale gravelly fine sandy loam, 0 to 10 percent slopes	0.2	0.38	0.47	29.08	0.04	0
AZ643	GeB	Glendale gravelly silt loam, 0 to 5 percent slopes	0.2	0.38	0.47	29.08	0.04	0
AZ643	GhD	Graham and House Mountain soils, 0 to 30 percent slopes	0.21	0.33	0.45	13.81	0.06	0
AZ643	GhF	Graham and House Mountain soils, 30 to 60 percent slopes	0.21	0.33	0.45	13.81	0.06	0
AZ643	GuB	Guest clay, 0 to 5 percent slopes	0.3	0.42	0.5	13.14	0.02	0
AZ643	HaB	Hantz gravelly silty clay, 0 to 5 percent slopes	0.29	0.43	0.52	13.72	0.03	0
AZ643	HgD	Hogg fine sandy loam, 0 to 20 percent slopes	0.1	0.2	0.47	1.43	0.93	0
AZ643	HlC	Hogg loam, calcareous variant, 0 to 10 percent slopes	0.12	0.26	0.49	6.93	0.56	0
AZ643	HmD	House Mountain stony loam, 0 to 30 percent slopes	0.11	0.24	0.41	14.13	0.18	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ643	JaD	Jacks fine sandy loam, 0 to 20 percent slopes	0.1	0.2	0.47	1.43	0.89	0
AZ643	JtD	Jacks-Tortugas extremely rocky complex, 0 to 20 percent slopes	0.11	0.22	0.46	3.37	0.46	30
AZ643	JtE	Jacks-Tortugas extremely rocky complex, 20 to 45 percent slopes	0.11	0.23	0.46	3.64	0.43	35
AZ643	Ls	Limestone and sandstone rock land	0.11	0.2	0.4	6.2	0.28	0
AZ643	LuB	Luth clay loam, 0 to 5 percent sloeps	0.22	0.35	0.49	11.19	0.11	0
AZ643	LyB	Lynx fine sandy loam, 0 to 5 percent slopes	0.09	0.18	0.43	2.84	0.79	0
AZ643	McC	McVickers very fine sandy loam, 0 to 10 percent slopes	0.1	0.21	0.47	2.19	0.88	0
AZ643	MhC	McVickers-Hogg complex, 0 to 10 percent slopes	0.1	0.2	0.47	1.84	0.9	0
AZ643	MhD	McVickers-Hogg complex, 10 to 30 percent slopes	0.1	0.2	0.47	1.85	0.9	20
AZ643	NaB	Navajo silty clay, 0 to 5 percent slopes	0.29	0.43	0.54	10.09	0.06	0
AZ643	OvD	Overgaard sandy loam, 0 to 20 percent slopes	0.09	0.18	0.43	3.28	0.8	0
AZ643	PaC	Palomino very stony fine sandy loam, 0 to 15 percent slopes	0.18	0.29	0.43	8.46	0.13	0
AZ643	PeC	Penthouse cobbly loam, 0 to 10 percent slopes	0.21	0.34	0.45	15.51	0.06	0
AZ643	ReC	Retriever loam, 0 to 10 percent slopes	0.11	0.24	0.41	14.13	0.24	0
AZ643	RsD	Retriever very stony loam, 0 to 30 percent slopes	0.11	0.24	0.41	14.13	0.14	0
AZ643	RtC	Rimrock cobbly clay, 0 to 10 percent slopes	0.3	0.42	0.5	14.25	0.01	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ643	SaC	Sanchez extremely stony sandy loam, 0 to 15 percent slopes	0.09	0.18	0.43	3.28	0.43	0
AZ643	ScB	Siesta loam, 0 to 5 percent slopes	0.13	0.28	0.48	7.71	0.46	0
AZ643	SeD	Siesta cobbly loam, 0 to 20 percent slopes	0.13	0.28	0.48	7.71	0.36	0
AZ643	SlC	Soldier cobbly loam, 0 to 10 percent slopes	0.13	0.28	0.48	7.71	0.34	0
AZ643	SlE	Soldier cobbly loam, 20 to 45 percent slopes	0.13	0.28	0.48	7.71	0.34	0
AZ643	SmF	Soldier-McVickers very rocky complex, 20 to 60 percent slopes	0.12	0.25	0.48	4.66	0.5	20
AZ643	SnE	Sponseller gravelly silt loam, 10 to 40 percent slopes	0.13	0.31	0.5	12.18	0.34	0
AZ643	SpC	Springerville clay, 0 to 10 percent slopes	0.3	0.42	0.5	12.41	0.02	0
AZ643	SrC	Springerville cobbly clay, 0 to 10 percent slopes	0.3	0.42	0.5	12.41	0.02	0
AZ643	SsD	Springerville-Gem complex, 0 to 20 percent sloeps	0.27	0.4	0.49	12.93	0.03	0
AZ643	St	Stony rough land, ash and tuff	0.11	0.24	0.39	8.19	0.19	0
AZ643	ToD	Tortugas very stony loam, 0 to 30 percent sloeps	0.12	0.26	0.44	11.15	0.18	0
AZ643	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ643	WaD	Waldroup gravelly silty clay loam, 5 to 30 percent slopes	0.21	0.37	0.49	17.61	0.06	0
AZ643	WcB	Wildcat gravelly fine sandy loam, 0 to 5 percent slopes	0.12	0.26	0.44	11.15	0.33	0
AZ643	WdD	Wildcat very rocky loam, 0 to 20 percent slopes	0.15	0.28	0.45	12.46	0.13	0
AZ643	WnC	Winona gravelly loam, 0 to 10 percent slopes	0.12	0.25	0.43	12.33	0.24	0
AZ645	1	Antho sandy loams	0.06	0.14	0.39	4.6	0.78	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ645	2	Antho gravelly sandy loams	0.06	0.14	0.39	4.6	0.65	0
AZ645	3	Antho-Carrizo-Maripo complex	0.05	0.11	0.4	4.06	0.98	0
AZ645	4	Antho-Carrizo-Maripo complex, low precipitation	0.05	0.11	0.4	4.06	0.98	0
AZ645	5	Anthony sandy loam	0.07	0.15	0.39	4.38	0.66	0
AZ645	6	Anthony-Arizo complex	0.07	0.15	0.39	4.23	0.56	0
AZ645	7	Anthony-Arizo complex, low precipitation	0.07	0.16	0.39	4.89	0.51	0
AZ645	8	Arizo cobbly sandy loam	0.07	0.16	0.39	5.46	0.38	0
AZ645	9	Beeline-Cipriano complex, 3 to 45 percent slopes	0.1	0.19	0.4	6.09	0.29	0
AZ645	10	Brios-Carrizo complex, 1 to 5 percent slopes	0.04	0.09	0.41	3.36	1.19	0
AZ645	11	Brios-Carrizo complex, low precipitation, 1 to 5 percent slopes	0.03	0.07	0.41	0.9	1.4	0
AZ645	12	Carefree cobbly clay loam, 1 to 8 percent slopes	0.28	0.42	0.49	14.99	0.02	0
AZ645	13	Carefree-Beardsley complex	0.26	0.4	0.48	16.26	0.03	0
AZ645	14	Carrizo very gravelly sand	0.02	0.06	0.42	3.23	1.48	0
AZ645	15	Carrizo-Gunsight complex, 1 to 5 percent slopes	0.07	0.16	0.4	4.53	0.48	0
AZ645	16	Cellar-Rock outcrop complex, 10 to 70 percent slopes	0.11	0.19	0.4	4.74	0.23	15
AZ645	17	Cellar-Rock outcrop complex, low precipitation, 10 to 70 percent slopes	0.11	0.19	0.4	4.74	0.23	15
AZ645	18	Cherioni-Rock outcrop complex, 5 to 60 percent slopes	0.11	0.24	0.41	14.13	0.13	15
AZ645	19	Chuckawalla-Gunsight complex, 1 to 8 percent slopes	0.14	0.25	0.4	11.68	0.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ645	20	Chuckawalla-Gunsight complex, low precipitation, 1 to 8 percent slopes	0.14	0.25	0.4	11.68	0.11	0
AZ645	21	Cipriano very gravelly loam	0.12	0.25	0.4	15.77	0.12	0
AZ645	22	Contine clay loam	0.22	0.35	0.45	16.46	0.04	0
AZ645	23	Contine clay	0.25	0.38	0.46	15.27	0.02	0
AZ645	24	Continental clay loam, 0 to 3 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ645	25	Continental clay, 0 to 3 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ645	26	Continental cobbly clay loam, 1 to 8 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ645	27	Continental-Mohave complex, 1 to 4 percent slopes	0.24	0.38	0.46	16.07	0.03	0
AZ645	28	Continental-Ohaco complex	0.26	0.39	0.47	16.13	0.02	0
AZ645	29	Denure-Momoli-Carrizo complex	0.09	0.17	0.4	4.94	0.48	0
AZ645	30	Denure-Momoli-Carrizo complex, low precipitation	0.09	0.17	0.4	4.94	0.48	0
AZ645	31	Dixaleta-Rock outcrop complex, 25 to 65 percent slopes	0.11	0.2	0.4	5.59	0.21	35
AZ645	32	Dixaleta-Rock outcrop complex, low precipitation, 25 to 65 percent slopes	0.11	0.2	0.4	5.89	0.2	35
AZ645	33	Eba very gravelly loam, 1 to 8 percent slopes	0.09	0.22	0.4	13.07	0.24	0
AZ645	34	Eba very gravelly loam, 8 to 20 percent slopes	0.09	0.22	0.4	13.07	0.24	0
AZ645	35	Eba very gravelly loam, low precipitation, 8 to 20 percent slopes	0.09	0.22	0.4	13.07	0.24	0
AZ645	36	Eba-Continental complex, 1 to 8 percent slopes	0.17	0.3	0.44	14.17	0.08	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ645	37	Eba-Continental-Cave association, 3 to 20 percent slopes	0.14	0.27	0.42	13.97	0.12	0
AZ645	38	Eba-Continental-Cave association, low precipitation, 3 to 20 percent slopes	0.14	0.27	0.42	13.97	0.12	0
AZ645	39	Eba-Nickel-Cave association, 3 to 25 percent slopes	0.09	0.22	0.4	13.94	0.22	0
AZ645	40	Eba-Pinaleno complex, 3 to 20 percent slopes	0.14	0.27	0.42	14.53	0.1	0
AZ645	41	Eba-Pinaleno complex, 20 to 40 percent slopes	0.14	0.27	0.42	14.53	0.1	0
AZ645	42	Eba-Pinaleno complex, low precipitation, 3 to 20 percent slopes	0.14	0.27	0.42	14.53	0.1	0
AZ645	43	Eba-Pinaleno complex, low precipitation, 20 to 40 percent slopes	0.14	0.27	0.42	14.53	0.1	0
AZ645	44	Ebon very gravelly loam, 1 to 8 percent slopes	0.25	0.36	0.43	11.29	0.01	0
AZ645	45	Ebon very gravelly loam, 8 to 20 percent slopes	0.25	0.36	0.43	11.29	0.01	0
AZ645	46	Ebon-Contine complex, 1 to 8 percent slopes	0.23	0.35	0.44	13.45	0.02	0
AZ645	47	Ebon-Gunsight-Cipriano association, 3 to 25 percent slopes	0.17	0.29	0.43	11.48	0.07	0
AZ645	48	Ebon-Pinamt complex, 3 to 20 percent slopes	0.17	0.27	0.41	7.57	0.05	0
AZ645	49	Ebon-Pinamt complex, 20 to 40 percent slopes	0.17	0.27	0.41	7.57	0.05	0
AZ645	50	Estrella loams	0.11	0.24	0.41	14.13	0.24	0
AZ645	51	Gachado-Lomitas complex, 8 to 25 percent slopes	0.15	0.24	0.4	8.48	0.09	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ645	52	Gachado-Lomitas-Rock outcrop complex, 7 to 55 percent slopes	0.15	0.27	0.41	13	0.07	20
AZ645	53	Gadsden clay	0.31	0.43	0.51	13.34	0.02	0
AZ645	54	Gila fine sandy loams	0.09	0.17	0.4	4.69	0.54	0
AZ645	55	Gilman loams	0.15	0.28	0.41	16.94	0.12	0
AZ645	56	Gilman loams, low precipitation	0.15	0.28	0.41	16.94	0.12	0
AZ645	57	Gilman clay loam	0.19	0.32	0.43	17.52	0.05	0
AZ645	58	Gilman-Momoli-Denure complex	0.11	0.22	0.4	8.56	0.25	0
AZ645	59	Gilman-Momoli-Denure complex, low precipitation	0.11	0.22	0.4	8.56	0.25	0
AZ645	60	Glenbar loams	0.15	0.29	0.41	20.07	0.1	0
AZ645	61	Gran-Wickenburg complex, 1 to 10 percent slopes	0.2	0.3	0.42	8.28	0.05	0
AZ645	62	Gran-Wickenburg complex, low precipitation, 1 to 10 percent slopes	0.2	0.3	0.42	8.28	0.05	0
AZ645	63	Gran-Wickenburg-Rock outcrop complex, 10 to 65 percent slopes	0.2	0.3	0.42	8.36	0.04	25
AZ645	64	Gran-Wickenburg-Rock outcrop complex, low precipitation, 10 to 65 percent slopes	0.2	0.3	0.42	8.36	0.04	25
AZ645	65	Greyeagle-Continental-Nickel association, 1 to 40 percent slopes	0.14	0.27	0.42	14.86	0.11	0
AZ645	66	Greyeagle-Suncity variant complex, 1 to 7 percent slopes	0.12	0.25	0.41	15.29	0.13	0
AZ645	67	Guest clay	0.27	0.4	0.48	15.73	0.02	0
AZ645	68	Gunsight-Cipriano complex, 1 to 7 percent slopes	0.12	0.22	0.39	9.48	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ645	69	Gunsight-Cipriano complex, low precipitation, 1 to 7 percent slopes	0.12	0.22	0.39	9.48	0.17	0
AZ645	70	Gunsight-Rillito complex, 1 to 25 percent slopes	0.11	0.23	0.4	15.04	0.18	0
AZ645	71	Gunsight-Rillito complex, low precipitation, 1 to 40 percent slopes	0.11	0.23	0.4	15.04	0.18	0
AZ645	72	Lehmans-Rock outcrop complex, 8 to 65 percent slopes	0.21	0.36	0.46	19.56	0.04	30
AZ645	73	Lehmans-Rock outcrop complex, low precipitation, 8 to 65 percent slopes	0.21	0.36	0.46	19.56	0.04	30
AZ645	74	Luke-Cipriano association, 1 to 15 percent slopes	0.22	0.34	0.42	12.96	0.03	0
AZ645	75	Mohall loam	0.14	0.27	0.42	15.9	0.16	0
AZ645	76	Mohall loam, calcareous solum	0.14	0.27	0.42	15.43	0.17	0
AZ645	77	Mohall clay loam	0.19	0.32	0.43	16.63	0.07	0
AZ645	78	Mohall clay loam, calcareous solum	0.21	0.35	0.44	16.65	0.05	0
AZ645	79	Mohall clay	0.27	0.4	0.48	15.73	0.02	0
AZ645	80	Mohall-Tremant complex, 1 to 8 percent slopes	0.19	0.31	0.42	14.78	0.07	0
AZ645	81	Mohall-Tremant complex, low precipitation, 1 to 8 percent slopes	0.19	0.31	0.42	14.78	0.07	0
AZ645	82	Mohave sandy loam	0.17	0.31	0.43	17.07	0.09	0
AZ645	83	Mohave loam	0.17	0.31	0.43	17.07	0.09	0
AZ645	84	Mohave loam, calcareous solum	0.17	0.31	0.43	17.07	0.09	0
AZ645	85	Mohave clay loam	0.21	0.34	0.44	16.33	0.05	0
AZ645	86	Mohave clay loam, calcareous solum	0.21	0.34	0.44	16.5	0.05	0
AZ645	87	Mohave complex	0.17	0.31	0.43	17.07	0.09	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ645	88	Mohave-Guest complex	0.21	0.34	0.45	16.7	0.05	0
AZ645	89	Mohave-Tres Hermanos complex, 1 to 8 percent slopes	0.2	0.33	0.44	16.35	0.05	0
AZ645	90	Momoli gravelly sandy loam, 1 to 5 percent slopes	0.09	0.18	0.4	4.97	0.43	0
AZ645	91	Momoli-Carrizo complex	0.08	0.17	0.4	4.4	0.42	0
AZ645	92	Momoli-Carrizo complex, low precipitation	0.08	0.17	0.4	4.4	0.42	0
AZ645	93	Nickel-Cave complex, 8 to 30 percent slopes	0.09	0.22	0.39	14.74	0.24	0
AZ645	94	Nickel-Cave complex, low precipitation, 8 to 30 percent slopes	0.09	0.22	0.39	14.74	0.24	0
AZ645	95	Ohaco gravelly loam	0.21	0.35	0.45	17.61	0.05	0
AZ645	96	Pinaleno-Tres Hermanos complex, 1 to 10 percent slopes	0.2	0.33	0.44	16.53	0.04	0
AZ645	97	Pinaleno-Tres Hermanos complex, low precipitation, 1 to 10 percent slopes	0.2	0.33	0.44	16.53	0.04	0
AZ645	98	Pinamt-Tremant complex, 1 to 10 percent slopes	0.13	0.24	0.39	11.39	0.13	0
AZ645	99	Pinamt-Tremant complex, low precipitation, 1 to 10 percent slopes	0.13	0.24	0.39	11.39	0.13	0
AZ645	100	Quilotosa-Vaiva-Rock outcrop complex, 20 to 65 percent slopes	0.08	0.21	0.4	13.09	0.23	20
AZ645	101	Rillito loam, 0 to 3 percent slopes	0.09	0.21	0.39	14.35	0.27	0
AZ645	102	Rillito gravelly loam, 1 to 8 percent slopes	0.09	0.21	0.39	14.35	0.26	0
AZ645	103	Rock outcrop-Gachado complex, 5 to 55 percent slopes	0.17	0.3	0.42	18.28	0.04	65

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ645	104	Rock outcrop-Lehmans complex, 15 to 65 percent slopes	0.27	0.4	0.48	16.13	0.02	60
AZ645	105	Rock outcrop-Lehmans complex, low precipitation, 15 to 65 percent slopes	0.27	0.4	0.48	16.13	0.02	60
AZ645	106	Sal-Cipriano complex, 1 to 10 percent slopes	0.16	0.28	0.42	10.85	0.07	0
AZ645	107	Sal-Cipriano complex, low precipitation, 1 to 10 percent slopes	0.16	0.28	0.42	10.85	0.07	0
AZ645	108	Schenco-Rock outcrop complex, 3 to 25 percent slopes	0.15	0.28	0.41	16.59	0.07	30
AZ645	109	Schenco-Rock outcrop complex, 25 to 60 percent slopes	0.15	0.28	0.41	16.59	0.07	35
AZ645	110	Suncity-Cipriano complex, 1 to 7 percent slopes	0.16	0.29	0.42	17.39	0.08	0
AZ645	111	Torriorthents, 15 to 40 percent slopes	0.15	0.28	0.42	15.76	0.11	0
AZ645	112	Tremant gravelly sandy loams	0.09	0.17	0.39	5.13	0.41	0
AZ645	113	Tremant gravelly loams	0.09	0.22	0.39	14.89	0.22	0
AZ645	114	Tremant gravelly loams, low precipitation	0.09	0.22	0.39	14.89	0.22	0
AZ645	115	Tremant-Antho complex, 1 to 5 percent slopes	0.08	0.16	0.39	4.89	0.54	0
AZ645	116	Tremant-Gunsight-Rillito complex, 1 to 5 percent slopes	0.14	0.25	0.41	11.54	0.12	0
AZ645	117	Tremant-Gunsight-Rillito complex, low precipitation, 1 to 5 percent slopes	0.14	0.25	0.41	11.54	0.12	0
AZ645	118	Tremant-Rillito complex	0.09	0.19	0.39	7.74	0.34	0
AZ645	119	Tremant-Suncity complex, 1 to 8 percent slopes	0.13	0.26	0.41	16.28	0.13	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ645	120	Tres Hermanos gravelly sandy loams	0.17	0.31	0.43	16.65	0.07	0
AZ645	121	Tres Hermanos-Anthony complex, 1 to 5 percent slopes	0.13	0.24	0.41	9.6	0.18	0
AZ645	122	Vado gravelly sandy loam, 1 to 5 percent slopes	0.08	0.17	0.4	4.44	0.42	0
AZ645	123	Vaiva very gravelly loam, 1 to 20 percent slopes	0.13	0.26	0.41	14.57	0.12	0
AZ645	124	Valencia sandy loams	0.08	0.16	0.4	4.04	0.63	0
AZ645	125	Vint loamy fine sand	0.04	0.1	0.4	0.87	1.31	0
AZ645	126	Water	0.3	0.42	0.48	11.42	0.01	100
AZ646	AhB	Ajo very cobbly sandy loam, 2 to 5 percent slopes	0.18	0.32	0.42	18.34	0.04	0
AZ646	AkB	Ajo very gravelly loam, 1 to 5 percent slopes	0.18	0.32	0.42	18.34	0.04	0
AZ646	An	Antho fine sandy loam	0.07	0.16	0.39	5.14	0.65	0
AZ646	Ao	Antho soils, very gravelly variants	0.08	0.15	0.39	4.05	0.48	0
AZ646	ChB	Cherioni gravelly very fine sandy loam, 0 to 8 percent slopes	0.09	0.18	0.39	6.78	0.37	0
AZ646	Cp	Cipriano gravelly loam	0.11	0.24	0.4	15.34	0.13	0
AZ646	GaB	Gachado extremely cobbly loam, 2 to 8 percent slopes	0.19	0.32	0.42	17.71	0.03	0
AZ646	Gb	Gilman very fine sandy loam	0.09	0.18	0.39	6.78	0.45	0
AZ646	Gm	Gilman very fine sandy loam, saline	0.09	0.18	0.39	6.78	0.45	0
AZ646	Gr	Growler-Antho complex	0.09	0.19	0.39	8.29	0.36	0
AZ646	GuA	Gunsight very gravelly loam, 0 to 2 percent slopes	0.11	0.24	0.4	15.34	0.13	0
AZ646	GuC	Gunsight very gravelly loam, 2 to 15 percent slopes	0.11	0.24	0.4	15.34	0.13	0
AZ646	HaA	Harqua very gravelly loam, 0 to 3 percent slopes	0.19	0.32	0.42	17.71	0.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ646	HbB	Harqua very cobbly loam, 0 to 8 percent slopes	0.19	0.32	0.42	17.71	0.05	0
AZ646	Hc	Harqua-Gunsight complex	0.15	0.28	0.41	16.49	0.08	0
AZ646	La	Laveen loam	0.08	0.2	0.39	13.78	0.33	0
AZ646	LoE	Lomitas extremely stony loam, 8 to 40 percent slopes	0.08	0.2	0.39	14.35	0.19	0
AZ646	PeB	Perryville very cobbly fine sandy loam, 0 to 8 percent slopes	0.08	0.2	0.39	13.78	0.33	0
AZ646	Ra	Rillito gravelly sandy loam	0.07	0.15	0.39	4.52	0.55	0
AZ646	Rk	Rock land	0.11	0.2	0.4	6.2	0.28	0
AZ646	Ro	Rock outcrop	0.3	0.42	0.48	11.42	0.01	90
AZ646	St	Stony land-Rock outcrop association	0.3	0.42	0.48	11.42	0.01	95
AZ646	To	Torrifluvents	0.02	0.08	0.42	0.31	2	0
AZ647	20	Coolidge, Denure, and Rillito soils, 0 to 3 percent slopes	0.06	0.14	0.39	4.26	0.78	0
AZ647	30	Denure-Pahaka complex, 1 to 3 percent slopes	0.06	0.14	0.39	4.51	0.77	0
AZ647	40	Growler-Mohall-Tucson complex, 0 to 3 percent slopes	0.08	0.17	0.4	5.25	0.5	0
AZ647	50	Gunsight-Pinamt-Carrizo complex, 1 to 5 percent slopes	0.08	0.17	0.4	5.87	0.36	0
AZ647	60	Gunsight-Hyder-Riverwash complex, 1 to 45 percent slopes	0.09	0.21	0.39	12.99	0.2	0
AZ647	70	Hyder-Guvo-Rock outcrop complex, 15 to 65 percent slopes	0.06	0.14	0.39	4.3	0.44	20
AZ647	80	Laposa-Schenco-Rock outcrop complex, 10 to 40 percent slopes	0.14	0.24	0.41	8.96	0.09	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ647	90	Lomitas-Rock outcrop-Quilotosa complex, 15 to 65 percent slopes	0.06	0.14	0.39	4.3	0.45	25
AZ647	100	Rillito-Growler-Why complex, 1 to 5 percent slopes	0.09	0.19	0.44	2.58	0.66	0
AZ647	110	Rillito-Gunsight-Carrizo complex, 1 to 5 percent slopes	0.06	0.15	0.39	6.15	0.63	0
AZ647	120	Why-Denure complex, 0 to 2 percent slopes	0.08	0.2	0.39	13.78	0.36	0
AZ647	300	Guvo-Rock outcrop complex, stony, 15 to 60 percent slopes	0.06	0.14	0.39	4.3	0.43	30
AZ647	310	Mohall-Pahaka-Valencia complex, 0 to 3 percent slopes	0.06	0.15	0.39	4.31	0.76	0
AZ647	315	Gunsight, Momoli, and Chuckawalla soils, 1 to 8 percent slopes	0.08	0.17	0.4	6.49	0.3	0
AZ647	320	Valencia-Mohall complex, occasionally flooded, 0 to 1 percent slopes	0.06	0.14	0.39	4.3	0.78	0
AZ647	325	Gilman silt loam	0.1	0.25	0.4	23.94	0.17	0
AZ647	330	Glenbar silt loam	0.19	0.37	0.46	31.24	0.04	0
AZ647	335	Cheroni-Cooledge-Hyder complex, 2 to 15 percent slopes	0.08	0.16	0.39	4.26	0.38	0
AZ647	340	Supersition, Rositas, and Tucson soils, 0 to 8 percent slopes	0.05	0.12	0.41	3.06	0.88	0
AZ647	345	Casa Grande-Kamato-Argigypsids complex, 0 to 2 percent slopes	0.12	0.21	0.41	5.72	0.32	0
AZ647	350	Casa Grande complex, 0 to 2 percent slopes	0.11	0.19	0.4	6.1	0.35	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ647	355	Lajitas-Bosa-Rock outcrop complex, 15 to 50 percent slopes	0.08	0.17	0.4	4.08	0.39	25
AZ647	360	Carrizo-Riverwash complex, 0 to 2 percent slopes	0.03	0.09	0.4	0.21	1.09	0
AZ647	NOTCOM	Not Complete	0.3	0.42	0.48	11.42	0.01	0
AZ649	1	Antho sandy loam	0.06	0.14	0.39	4.6	0.78	0
AZ649	2	Antho fine sandy loam	0.06	0.14	0.39	4.3	0.81	0
AZ649	3	Carrizo very gravelly sand	0	0.04	0.43	2.68	2	0
AZ649	4	Cherioni-Rock outcrop complex, 25 to 70 percent slopes	0.12	0.25	0.4	15.77	0.09	30
AZ649	5	Dateland loamy fine sand	0.04	0.1	0.4	0.87	1.32	0
AZ649	6	Dateland fine sandy loam	0.09	0.17	0.39	4.53	0.5	0
AZ649	7	Gachado very gravelly loam	0.16	0.26	0.4	10.04	0.06	0
AZ649	8	Gadsden clay	0.31	0.43	0.51	13.34	0.02	0
AZ649	9	Gilman loam	0.08	0.2	0.39	14.35	0.36	0
AZ649	10	Glenbar silty clay loam	0.19	0.37	0.46	31.24	0.04	0
AZ649	11	Harqua-Tremant complex	0.12	0.24	0.4	15.54	0.16	0
AZ649	12	Holtville clay	0.3	0.42	0.5	14.25	0.02	0
AZ649	13	Indio silt loam	0.09	0.29	0.4	39.15	0.1	0
AZ649	14	Indio silt loam, saline	0.1	0.29	0.4	37.91	0.09	0
AZ649	15	Indio silt loam, strongly saline	0.09	0.29	0.4	39.15	0.1	0
AZ649	16	Indio-Lagunita-Ripley complex	0.07	0.23	0.4	11.83	0.24	0
AZ649	17	Kofa clay	0.31	0.43	0.51	13.34	0.02	0
AZ649	18	Lagunita loamy sand	0.01	0.07	0.41	0.68	2	0
AZ649	19	Lagunita silt loam	0.07	0.23	0.39	22.52	0.29	0
AZ649	20	Laposa-Rock outcrop complex, 15 to 75 percent slopes	0.12	0.25	0.4	15.77	0.09	25
AZ649	21	Ligurta-Cristobal complex, 2 to 6 percent slopes	0.18	0.32	0.42	18.34	0.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ649	22	Pits, borrow	0.06	0.14	0.38	2.97	0.74	0
AZ649	23	Pits, gravel	0	0.03	0.43	0.13	2	0
AZ649	24	Ripley silt loam	0.09	0.29	0.4	38.53	0.1	0
AZ649	25	Rositas sand	0	0.04	0.43	2.68	2	0
AZ649	26	Rositas-Ligurta complex	0.07	0.14	0.43	5.19	0.5	0
AZ649	27	Salorthids, nearly level	0.3	0.42	0.48	11.42	0.01	0
AZ649	28	Superstition sand	0	0.04	0.43	2.68	2	0
AZ649	29	Superstition complex	0.18	0.3	0.43	13	0.08	0
AZ649	30	Torriorthents-Torrifluvents complex, 1 to 50 percent slopes	0.16	0.27	0.45	3.8	0.11	0
AZ649	31	Tremant-Rositas complex	0.11	0.19	0.41	6	0.22	0
AZ649	32	Vint loamy fine sand	0.04	0.1	0.4	0.87	1.33	0
AZ649	33	Wellton loamy sand	0.02	0.08	0.41	0.91	1.89	0
AZ649	34	Wellton-Dateland-Rositas complex	0.03	0.08	0.41	1.13	1.65	0
AZ649	35	Water	0.3	0.42	0.48	11.42	0.01	100
AZ649	36	Dam	0.3	0.42	0.48	11.42	0.01	0
AZ651	Aa	Agualt loam	0.14	0.27	0.41	15.67	0.16	0
AZ651	AbA	Antho sandy loam, 0 to 1 percent slopes	0.06	0.14	0.39	4.6	0.77	0
AZ651	AbB	Antho sandy loam, 1 to 3 percent slopes	0.06	0.14	0.39	4.6	0.77	0
AZ651	Ac	Antho sandy loam, saline-alkali	0.06	0.14	0.39	4.6	0.74	0
AZ651	AdA	Antho gravelly sandy loam, 0 to 1 percent slopes	0.06	0.14	0.39	4.6	0.61	0
AZ651	AdB	Antho gravelly sandy loam, 1 to 3 percent slopes	0.06	0.14	0.39	4.6	0.61	0
AZ651	Ae	Antho-Brios sandy loams	0.06	0.15	0.39	4.57	0.74	0
AZ651	AfA	Antho-Carrizo complex, 0 to 1 percent slopes	0.06	0.14	0.39	4.6	0.72	0
AZ651	AfB	Antho-Carrizo complex, 1 to 3 percent slopes	0.06	0.14	0.39	4.6	0.72	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ651	AGB	Antho-Carrizo complex, 0 to 3 percent	0.06	0.14	0.39	4.6	0.71	0
AZ651	AHC	Antho-Tremant complex, 1 to 5 percent slopes	0.12	0.22	0.41	8.16	0.21	0
AZ651	AkB	Antho-Tremant-Mohall complex, 1 to 5 percent slopes	0.09	0.19	0.4	6.46	0.32	0
AZ651	AL	Antho association	0.06	0.14	0.39	4.6	0.71	0
AZ651	AM	Antho-Valencia association	0.07	0.15	0.4	4.31	0.71	0
AZ651	An	Avonda clay loam	0.21	0.34	0.45	15.02	0.07	0
AZ651	Ao	Avondale clay loam	0.21	0.35	0.46	15.17	0.06	0
AZ651	Ap	Avondale clay loam, saline-alkali	0.21	0.35	0.46	15.17	0.06	0
AZ651	BE	Beardsley loam	0.14	0.27	0.42	15.43	0.16	0
AZ651	BPI	Borrow pit	0.06	0.14	0.38	2.97	0.74	0
AZ651	Br	Brios loamy sand	0.02	0.08	0.41	1.06	1.9	0
AZ651	Bs	Brios sandy loam	0.07	0.15	0.39	4.52	0.68	0
AZ651	Bt	Brios loam	0.13	0.27	0.4	16.65	0.14	0
AZ651	CA2	Calciorthids and Torriorthents, eroded	0.2	0.33	0.45	15.76	0.05	0
AZ651	Cb	Carrizo gravelly sandy loam	0.06	0.14	0.39	4.6	0.68	0
AZ651	CeD	Carrizo-Ebon complex, 3 to 12 percent slopes	0.1	0.2	0.4	7.21	0.26	0
AZ651	CF	Carrizo and Brios soils	0.04	0.12	0.4	2.42	1.07	0
AZ651	Cg	Casa Grande sandy loam	0.18	0.32	0.42	18.34	0.06	0
AZ651	Ch	Casa Grande loam	0.18	0.32	0.42	18.34	0.06	0
AZ651	Ck	Casa Grande complex	0.18	0.32	0.42	18.34	0.06	0
AZ651	Cm	Casa Grande-Laveen complex, alkali	0.16	0.29	0.42	16.7	0.1	0
AZ651	Cn	Cashion clay, saline-alkali	0.27	0.4	0.48	14.49	0.03	0
AZ651	CO	Cherioni-Rock outcrop complex	0.12	0.25	0.4	15.77	0.11	20
AZ651	Cp	Coolidge sandy loam	0.06	0.15	0.4	4.06	0.79	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ651	CrB	Coolidge gravelly sandy loam, 1 to 3 percent slopes	0.06	0.15	0.4	4.06	0.72	0
AZ651	Cs	Coolidge-Tremant complex	0.11	0.22	0.41	7.02	0.26	0
AZ651	CV	Coolidge-Laveen association	0.06	0.15	0.4	4.11	0.8	0
AZ651	Dn	Dune land	0.02	0.08	0.41	1.06	1.9	0
AZ651	EbD	Ebon gravelly loam, 0 to 8 percent slopes	0.19	0.32	0.42	17.71	0.04	0
AZ651	EPD	Ebon-Pinamt complex, 0 to 10 percent slopes	0.14	0.25	0.41	10.48	0.09	0
AZ651	Es	Estrella loam	0.14	0.27	0.42	14.97	0.17	0
AZ651	Et	Estrella loam, saline-alkali	0.14	0.27	0.42	15.43	0.17	0
AZ651	GA	Gachado-Rock outcrop complex	0.19	0.32	0.42	17.71	0.04	40
AZ651	Gb	Gadsden clay loam	0.23	0.36	0.45	16.34	0.04	0
AZ651	Gc	Gadsden clay	0.31	0.43	0.51	13.34	0.02	0
AZ651	Gd	Gadsden clay, saline-alkali	0.27	0.4	0.48	15.73	0.02	0
AZ651	Ge	Gilman fine sandy loam	0.09	0.17	0.39	4.53	0.52	0
AZ651	Gf	Gilman fine sandy loam, saline-alkali	0.07	0.15	0.39	3.67	0.72	0
AZ651	GgA	Gilman loam, 0 to 1 percent slopes	0.15	0.28	0.41	16.94	0.12	0
AZ651	GgB	Gilman loam 1 to 3 percent slopes	0.15	0.28	0.41	16.94	0.12	0
AZ651	Gh	Gilman loam, saline-alkali	0.11	0.24	0.4	15.34	0.21	0
AZ651	GL	Gilman complex, saline-alkali	0.11	0.24	0.4	15.34	0.21	0
AZ651	GM	Gilman-Antho association	0.13	0.25	0.4	12.54	0.18	0
AZ651	GN	Gilman-Laveen association	0.13	0.26	0.41	15.86	0.16	0
AZ651	Go3	Gilman, Antho, and Glenbar soils, severely eroded	0.11	0.23	0.4	12.11	0.23	0
AZ651	Gp	Gilman loam, clayey subsoil variant, moderately saline	0.15	0.28	0.41	16.94	0.12	0
AZ651	GPI	Gravel pit	0.02	0.06	0.41	0.29	2	0
AZ651	Gr	Glenbar loam	0.15	0.29	0.41	20.07	0.1	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ651	Gs	Glenbar loam, saline-alkali	0.15	0.29	0.41	20.07	0.1	0
AZ651	Gt	Glenbar clay loam	0.19	0.33	0.43	21.21	0.06	0
AZ651	Gu	Glenbar clay loam, saline-alkali	0.19	0.33	0.43	21.21	0.06	0
AZ651	Gv	Glenbar clay	0.27	0.4	0.47	16.56	0.02	0
AZ651	GWD	Gunsight-Pinal complex, 1 to 10 percent slopes	0.13	0.26	0.41	15.39	0.14	0
AZ651	GxA	Gunsight-Rillito complex, 0 to 1 percent slopes	0.14	0.27	0.41	16.53	0.1	0
AZ651	GxB	Gunsight-Rillito complex, 1 to 3 percent	0.14	0.27	0.41	16.53	0.1	0
AZ651	GYD	Gunsight-Rillito complex, 0 to 10 percent slopes	0.14	0.27	0.41	16.53	0.1	0
AZ651	HAB	Harqua complex, 0 to 3 percent slopes	0.18	0.31	0.42	17.31	0.07	0
AZ651	HAC	Harqua complex, 3 to 8 percent slopes	0.18	0.31	0.42	17.3	0.06	0
AZ651	HLC	Harqua-Gunsight complex, 0 to 5 percent slopes	0.17	0.3	0.42	17.25	0.07	0
AZ651	HM	Harqua-Laveen complex	0.15	0.26	0.41	9.58	0.13	0
AZ651	HrB	Harqua-Rillito complex, 1 to 3 percent slopes	0.18	0.31	0.42	17.11	0.05	0
AZ651	La	La Palma very fine sandy loam	0.11	0.21	0.4	7.64	0.34	0
AZ651	Lb	Laveen sandy loam	0.06	0.15	0.4	4.17	0.82	0
AZ651	LcA	Laveen loam, 0 to 1 percent slopes	0.11	0.24	0.41	14.37	0.24	0
AZ651	LcB	Laveen loam, 1 to 3 percent slopes	0.11	0.24	0.41	14.37	0.24	0
AZ651	Ld	Laveen loam, saline-alkali	0.14	0.27	0.41	15.2	0.16	0
AZ651	Le	Laveen clay loam	0.19	0.32	0.43	16.85	0.07	0
AZ651	LEVEE	Levee	0.3	0.42	0.48	11.42	0.01	0
AZ651	Lf	Laveen-Antho complex, saline-alkali	0.06	0.15	0.4	4.19	0.8	0
AZ651	Ma	Maripo sandy loam	0.06	0.14	0.39	4.6	0.77	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ651	Mo	Mohall sandy loam	0.08	0.16	0.4	4.04	0.69	0
AZ651	Mp	Mohall loam	0.15	0.28	0.42	15.76	0.14	0
AZ651	Mr	Mohall clay loam	0.19	0.32	0.43	16.63	0.07	0
AZ651	Ms	Mohall clay	0.27	0.4	0.48	15.73	0.02	0
AZ651	MTB	Mohall-Tremant complex, 0 to 3 percent slopes	0.16	0.29	0.42	16.24	0.1	0
AZ651	MV	Mohall-Laveen association	0.15	0.28	0.42	15.39	0.14	0
AZ651	M-W	Miscellaneous water	0.3	0.42	0.48	11.42	0.01	100
AZ651	Pa	Perryville sandy loam	0.09	0.17	0.39	5.44	0.5	0
AZ651	Pb	Perryville loam, saline-alkali	0.15	0.28	0.41	16.94	0.12	0
AZ651	PeA	Perryville gravelly loam, 0 to 1 percent slopes	0.15	0.28	0.41	16.94	0.09	0
AZ651	PeB	Perryville gravelly loam 1 to 3 percent slopes	0.15	0.28	0.41	16.94	0.09	0
AZ651	PRB	Perryville-Rillito complex, 0 to 3 percent slopes	0.13	0.26	0.4	14.28	0.15	0
AZ651	PsA	Pinal loam, 0 to 1 perent slopes	0.15	0.28	0.41	16.94	0.12	0
AZ651	PsB	Pinal loam, 1 to 3 percent slopes	0.15	0.28	0.41	16.94	0.12	0
AZ651	PT	Pinal gravelly loam	0.11	0.24	0.4	15.34	0.18	0
AZ651	PvB	Pinal-La Palma loams, 1 to 3 percent slopes	0.14	0.25	0.41	12.99	0.17	0
AZ651	PWB	Pinal-Suncity complex, 0 to 3 percent slopes	0.12	0.25	0.4	15.04	0.17	0
AZ651	PYD	Pinamt-Tremant complex, 1 to 10 percent slopes	0.16	0.29	0.41	17.01	0.07	0
AZ651	RaA	Rillito sandy loam, 0 to 1 percent slopes	0.06	0.14	0.39	4.6	0.77	0
AZ651	RaB	Rillito sandy loam, 1 to 3 percent slopes	0.06	0.14	0.39	4.6	0.77	0
AZ651	RbA	Rillito loam, 0 to 1 percent slopes	0.09	0.21	0.39	14.35	0.28	0
AZ651	RbB	Rillito loam, 1 to 3 percent slopes	0.09	0.21	0.39	14.35	0.28	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ651	RhB	Rillito-Harqua complex, 1 to 3 percent slopes	0.16	0.29	0.41	16.81	0.08	0
AZ651	RpE	Rillito-Perryville complex, 5 to 20 percent slopes	0.14	0.27	0.4	16.4	0.11	0
AZ651	RS	Rock outcrop-Cherioni complex	0.11	0.24	0.4	15.34	0.14	65
AZ651	Ta	Toltec loam	0.15	0.28	0.42	15.76	0.14	0
AZ651	TB	Torrifluvents	0.02	0.08	0.42	0.31	2	0
AZ651	Tc	Torriorthents	0.25	0.38	0.46	17.1	0.02	0
AZ651	TD	Torripsamments and Torrifluvents, frequently flooded	0.01	0.06	0.43	0.1	2	0
AZ651	Te	Tremant loam	0.19	0.32	0.43	17.52	0.05	0
AZ651	TfA	Tremant gravelly loam, 0 to 1 percent slopes	0.19	0.32	0.43	17.52	0.05	0
AZ651	TfB	Tremant gravelly loam, 1 to 3 percent slopes	0.19	0.32	0.43	17.52	0.05	0
AZ651	Tg	Tremant clay loam	0.19	0.32	0.43	17.52	0.05	0
AZ651	Th	Tremant gravelly clay loam	0.19	0.32	0.43	17.52	0.04	0
AZ651	TPB	Tremant complex, 0 to 3 percent slopes	0.19	0.32	0.43	17.93	0.05	0
AZ651	TrA	Tremant-Rillito complex, 0 to 1 percent slopes	0.16	0.3	0.42	17.46	0.07	0
AZ651	TrB	Tremant-Rillito complex, 1 to 3 percent slopes	0.16	0.29	0.41	17.29	0.07	0
AZ651	TSC	Tremant-Rillito complex, 0 to 5 percent slopes	0.16	0.29	0.41	17.29	0.07	0
AZ651	Tt	Trix clay loam	0.21	0.35	0.44	16.65	0.05	0
AZ651	Tu	Tucson loam	0.14	0.27	0.42	14.97	0.17	0
AZ651	Tw	Tucson clay loam	0.21	0.35	0.44	16.65	0.05	0
AZ651	Va	Valencia sandy loam	0.08	0.16	0.4	4.04	0.66	0
AZ651	Vb	Valencia sandy loam, saline-alkali	0.08	0.16	0.4	4.04	0.66	0
AZ651	Vc	Valencia gravelly sandy loam	0.08	0.16	0.4	4.04	0.61	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ651	Ve	Vecont loam	0.15	0.28	0.42	15.76	0.14	0
AZ651	Vf	Vecont clay	0.27	0.4	0.48	15.73	0.02	0
AZ651	Vg	Vint loamy fine sand	0.04	0.1	0.4	0.87	1.31	0
AZ651	Vh	Vint fine sandy loam	0.09	0.17	0.39	4.53	0.53	0
AZ651	Vk	Vint loam	0.15	0.28	0.41	16.94	0.12	0
AZ651	Vn	Vint clay loam	0.19	0.32	0.42	17.71	0.06	0
AZ651	Vr	Vint-Carrizo complex	0.08	0.16	0.39	4.56	0.58	0
AZ651	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ651	Wg	Wintersburg complex	0.22	0.36	0.45	17.12	0.04	0
AZ653	1	Agualt and Ripley soils	0.1	0.24	0.41	14.62	0.24	0
AZ653	2	Agualt and Ripley soils, saline-sodic	0.1	0.24	0.41	14.62	0.24	0
AZ653	3	Ajo-Gunsight-Pompeii complex, 3 to 25 percent slopes	0.08	0.16	0.39	4.59	0.35	0
AZ653	4	Akela-Rock outcrop complex, 15 to 65 percent slopes	0.08	0.2	0.39	13.78	0.2	40
AZ653	5	Carrizo-Dateland complex, 0 to 3 percent slopes	0.07	0.15	0.39	4.23	0.46	0
AZ653	6	Carrizo-Momoli complex, 0 to 3 percent slopes	0.07	0.15	0.39	4.39	0.41	0
AZ653	7	Cherioni very cobbly fine sandy loam, 3 to 10 percent slopes	0.09	0.17	0.39	4.53	0.31	0
AZ653	8	Cherioni-Coolidge complex, 1 to 15 percent slopes	0.11	0.21	0.39	9.6	0.19	0
AZ653	9	Cipriano-Hyder-Rock outcrop complex, 15 to 65 percent slopes	0.09	0.17	0.39	5.1	0.28	15
AZ653	10	Cipriano-Momoli complex, 1 to 7 percent slopes	0.09	0.17	0.39	5.13	0.3	0
AZ653	11	Coolidge complex, 0 to 3 percent slopes	0.07	0.16	0.4	3.7	0.68	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ653	12	Cuerda-Why-Lagunita complex	0.07	0.17	0.4	5.31	0.57	0
AZ653	13	Dateland very fine sandy loam	0.07	0.16	0.4	4.95	0.77	0
AZ653	14	Dateland-Cuerda complex, 0 to 3 percent slopes	0.08	0.17	0.39	5.86	0.5	0
AZ653	15	Dateland-Denure fine sandy loams, saline-Sodic, 0 to 3 percent slopes	0.1	0.18	0.4	4.37	0.47	0
AZ653	16	Denure sandy loam	0.09	0.18	0.4	4.97	0.53	0
AZ653	17	Denure gravelly fine sandy loam, 1 to 3 percent slopes	0.06	0.15	0.4	3.78	0.71	0
AZ653	18	Denure-Carrizo, bench, gravelly fine sandy loams	0.06	0.15	0.4	3.98	0.69	0
AZ653	19	Denure-Cavelt complex, 0 to 3 percent slopes	0.07	0.15	0.4	3.97	0.75	0
AZ653	20	Denure-Coolidge complex, 1 to 3 percent slopes	0.08	0.17	0.4	4.75	0.43	0
AZ653	21	Denure-Rillito-Why complex, 1 to 5 percent slopes	0.07	0.15	0.4	4.29	0.47	0
AZ653	22	Denure-Why complex, 1 to 5 percent slopes	0.07	0.15	0.4	4.17	0.48	0
AZ653	23	Dumps-Pits association	0.15	0.23	0.45	1.17	0.14	0
AZ653	24	Gadsden clay loam, 0 to 3 percent slopes	0.23	0.36	0.45	16.34	0.04	0
AZ653	25	Gadsden and Kofa silty clay loams, saline-sodic	0.2	0.36	0.46	22.67	0.05	0
AZ653	26	Garzona-Rock outcrop-Winkel complex, 15 to 65 percent slopes	0.13	0.26	0.41	14.57	0.12	20
AZ653	27	Gilman very fine sandy loam	0.09	0.18	0.39	6.78	0.44	0
AZ653	28	Gilman very fine sandy loam, saline-sodic	0.09	0.18	0.39	6.78	0.44	0
AZ653	29	Glenbar silty clay loam	0.19	0.37	0.46	31.24	0.04	0
AZ653	30	Glenbar silty clay loam, saline-sodic	0.19	0.37	0.46	31.24	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ653	31	Growler-Momoli complex, 1 to 3 percent slopes	0.07	0.15	0.4	3.85	0.44	0
AZ653	32	Growler-Wellton complex, 1 to 3 percent slopes	0.08	0.15	0.39	4.01	0.37	0
AZ653	33	Gunsight-Ajolito extremely gravelly sandy loams, 1 to 15 percent slopes	0.07	0.15	0.4	4.33	0.39	0
AZ653	34	Gunsight-Chuckawalla complex, 1 to 15 percent slopes	0.11	0.21	0.4	8.46	0.17	0
AZ653	35	Gunsight-Cipriano complex, 1 to 15 percent slopes	0.08	0.16	0.4	4.46	0.33	0
AZ653	36	Gunsight-Pinamt complex, 1 to 15 percent slopes	0.09	0.2	0.4	8.37	0.21	0
AZ653	37	Gunsight-Rillito-Carrizo complex, 1 to 15 percent slopes	0.07	0.15	0.39	4.52	0.38	0
AZ653	38	Harqua fine sandy loam, 0 to 3 percent slopes	0.09	0.17	0.4	4.13	0.54	0
AZ653	39	Harqua-Cavelt complex, 1 to 10 percent slopes	0.1	0.2	0.4	8.17	0.32	0
AZ653	40	Hyder-Gachado-Gunsight extremely gravelly sandy loams, 1 to 25 percent slopes	0.11	0.2	0.4	5.7	0.19	0
AZ653	41	Indio silt loam	0.1	0.3	0.42	34.51	0.12	0
AZ653	42	Indio silt loam, saline-sodic	0.1	0.3	0.42	34.51	0.12	0
AZ653	43	Lagunita-Vint complex	0.03	0.09	0.41	0.66	1.72	0
AZ653	44	Mohall fine sandy loam	0.08	0.15	0.4	3.27	0.77	0
AZ653	45	Mohall loam	0.14	0.27	0.42	15.43	0.17	0
AZ653	46	Mohall loam, occasionally flooded	0.11	0.24	0.41	14.13	0.24	0
AZ653	47	Mohall clay loam	0.21	0.35	0.44	16.65	0.05	0
AZ653	48	Mohall complex, 0 to 3 percent slopes	0.09	0.17	0.4	4.38	0.57	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ653	49	Momoli-Carrizo extremely gravelly sandy loams, 1 to 10 percent slopes	0.07	0.15	0.4	4.21	0.41	0
AZ653	50	Momoli-Carrizo, bench, very gravelly sandy loams, 1 to 3 percent slopes	0.06	0.15	0.4	4.25	0.48	0
AZ653	51	Momoli-Comobabi association, 5 to 15 percent slopes	0.11	0.23	0.4	10.22	0.15	0
AZ653	52	Pits	0	0.04	0.43	0.12	2	0
AZ653	53	Quilotosa-Momoli-Carrizo complex, 1 to 15 percent slopes	0.07	0.16	0.4	4.14	0.4	0
AZ653	54	Quilotosa-Rock outcrop complex, 15 to 55 percent slopes	0.08	0.16	0.4	4.04	0.38	25
AZ653	55	Riverwash	0.03	0.12	0.39	4.67	1.16	0
AZ653	56	Rock outcrop-Hyder complex, 25 to 65 percent slopes	0.08	0.16	0.4	4.04	0.38	40
AZ653	57	Rositas-Denure loamy fine sands, 1 to 10 percent slopes	0.01	0.07	0.42	0.37	2	0
AZ653	58	Schenco-Laposa-Rock outcrop complex, 10 to 55 percent slopes	0.11	0.2	0.39	6.65	0.2	20
AZ653	59	Tremant gravelly fine sandy loam	0.09	0.17	0.39	4.53	0.38	0
AZ653	60	Tucson loam	0.14	0.27	0.42	15.43	0.17	0
AZ653	61	Vaiva-Quilotosa extremely gravelly sandy loams, 3 to 25 percent slopes	0.14	0.23	0.4	7.47	0.12	0
AZ653	62	Vaiva-Quilotosa extremely stony sandy loams, 25 to 55 percent slopes	0.15	0.25	0.4	8.21	0.09	0
AZ653	63	Vint very fine sandy loam	0.09	0.19	0.4	6.2	0.49	0
AZ653	64	Wellton loam	0.13	0.27	0.4	16.65	0.14	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ653	65	Wellton complex	0.07	0.15	0.39	3.03	0.52	0
AZ653	66	Why gravelly fine sandy loam	0.06	0.14	0.39	4.3	0.66	0
AZ653	67	Why-Carrizo complex, 0 to 3 percent slopes	0.06	0.15	0.39	4.57	0.6	0
AZ653	68	Water	0.3	0.42	0.48	11.42	0.01	100
AZ653	69	Dam	0.3	0.42	0.48	11.42	0.01	0
AZ655	Af	Agualt fine sandy loam	0.11	0.19	0.39	5.1	0.39	0
AZ655	Ag	Agualt loam	0.12	0.25	0.4	15.77	0.18	0
AZ655	Am	Alluvial land	0.11	0.2	0.4	6.2	0.38	0
AZ655	AnA	Antho sandy loam, 0 to 1 percent slopes	0.06	0.14	0.39	4.6	0.78	0
AZ655	AnB	Antho sandy loam, 1 to 3 percent slopes	0.06	0.14	0.39	4.6	0.78	0
AZ655	AoB	Antho gravelly sandy loam, 1 to 3 percent slopes	0.06	0.14	0.39	4.6	0.65	0
AZ655	Av	Avondale clay loam	0.21	0.35	0.46	15.17	0.06	0
AZ655	Ca	Carrizo gravelly loamy sand	0.03	0.08	0.41	0.58	1.34	0
AZ655	Cb	Carrizo fine sandy loam	0.06	0.14	0.39	4.3	0.8	0
AZ655	Cc	Cashion clay	0.27	0.4	0.47	16.56	0.02	0
AZ655	CeC	Cavelt gravelly loam, 1 to 5 percent slopes	0.12	0.25	0.4	15.77	0.14	0
AZ655	Co	Contine clay loam	0.19	0.32	0.43	16.63	0.07	0
AZ655	Es	Estrella loam	0.13	0.26	0.4	15.7	0.16	0
AZ655	Gf	Gilman fine sandy loam	0.09	0.17	0.39	4.53	0.52	0
AZ655	Gm	Gilman loam	0.15	0.28	0.41	16.94	0.12	0
AZ655	Gn	Glenbar clay loam	0.19	0.33	0.43	21.21	0.06	0
AZ655	GPI	Gravel pit	0.02	0.06	0.41	0.29	2	0
AZ655	Gr	Gravelly alluvial land	0.08	0.13	0.39	1.36	0.51	0
AZ655	LaA	Laveen loam, 0 to 1 percent slopes	0.13	0.27	0.4	16.65	0.14	0
AZ655	LaB	Laveen loam, 1 to 3 percent slopes	0.13	0.27	0.4	16.65	0.14	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ655	LeA	Laveen clay loam, 0 to 1 percent slopes	0.19	0.32	0.42	17.71	0.06	0
AZ655	Mo	Mohall sandy loam	0.07	0.15	0.39	4.52	0.65	0
AZ655	Mv	Mohall loam	0.15	0.28	0.41	16.94	0.12	0
AZ655	Pm	Pimer clay loam	0.2	0.35	0.46	17.65	0.08	0
AZ655	PnA	Pinal gravelly loam, 0 to 1 percent slopes	0.13	0.26	0.4	16.14	0.12	0
AZ655	PnC	Pinal gravelly loam, 1 to 3 percent slopes	0.13	0.26	0.4	16.14	0.12	0
AZ655	Po	Pinal loam, moderately deep variant	0.12	0.25	0.4	15.77	0.18	0
AZ655	PvA	Pinamt very gravelly loam, 0 to 1 percent slopes	0.13	0.27	0.4	16.65	0.08	0
AZ655	PvC	Pinamt very gravelly loam, 3 to 5 percent slopes	0.13	0.27	0.4	16.65	0.08	0
AZ655	RiA	Rillito gravelly loam, 0 to 1 percent slopes	0.09	0.21	0.39	14.35	0.25	0
AZ655	RiB	Rillito gravelly loam, 1 to 3 percent slopes	0.09	0.21	0.39	14.35	0.25	0
AZ655	Ro	Rock land	0.11	0.2	0.4	6.2	0.28	0
AZ655	Ru	Rough broken land	0.12	0.21	0.4	6.31	0.27	0
AZ655	Rv	Riverwash	0.03	0.12	0.39	4.67	1.16	0
AZ655	TrB	Tremant gravelly loam, 1 to 3 percent slopes	0.17	0.27	0.4	10.06	0.09	0
AZ655	Tx	Trix clay loam	0.21	0.34	0.44	17.65	0.04	0
AZ655	Va	Valencia sandy loam	0.07	0.15	0.39	4.52	0.68	0
AZ655	Ve	Vecont clay	0.28	0.42	0.48	15.79	0.02	0
AZ655	Vf	Vint loamy fine sand	0.04	0.1	0.4	0.87	1.31	0
AZ655	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ656	1	Agualt loamy fine sand	0.02	0.08	0.41	1.06	1.9	0
AZ656	2	Agualt sandy loam, strongly saline, 0 to 3 percent slopes	0.11	0.19	0.4	5.09	0.4	0
AZ656	3	Antho loamy fine sand, 0 to 3 percent slopes	0.02	0.08	0.41	1.06	1.9	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ656	4	Badland-Torriorthents-Torripsamments complex, 10 to 60 percent slopes	0.07	0.16	0.4	1.77	0.43	0
AZ656	5	Carrizo extremely gravelly coarse sand, 0 to 3 percent slopes	0.01	0.05	0.43	2.71	1.89	0
AZ656	6	Cherioni-Rock outcrop complex, 25 to 70 percent slopes	0.08	0.16	0.4	4.04	0.38	25
AZ656	7	Chuckawalla-Gunsight association, 1 to 45 percent slopes	0.14	0.24	0.39	8.8	0.09	0
AZ656	8	Cibola clay loam	0.19	0.33	0.43	21.21	0.05	0
AZ656	9	Gadsden clay	0.27	0.4	0.48	15.73	0.02	0
AZ656	10	Gadsden clay, strongly saline	0.28	0.42	0.49	14.99	0.02	0
AZ656	11	Gilman fine sandy loam	0.09	0.17	0.39	4.53	0.52	0
AZ656	12	Gilman fine sandy loam, strongly saline, 0 to 3 percent slopes	0.09	0.17	0.39	4.53	0.52	0
AZ656	13	Gilman clay loam	0.19	0.32	0.43	17.52	0.05	0
AZ656	14	Glenbar silt loam	0.15	0.34	0.43	37.45	0.05	0
AZ656	15	Glenbar silt loam, strongly saline, 0 to 3 percent slopes	0.15	0.34	0.43	37.45	0.05	0
AZ656	16	Gunsight very gravelly sandy loam, 15 to 60 percent slopes	0.13	0.23	0.39	8.02	0.13	0
AZ656	17	Gunsight-Chuckawalla-Carrizo association, 1 to 45 percent slopes	0.11	0.21	0.4	9.88	0.18	0
AZ656	18	Holtville silty clay loam	0.21	0.37	0.47	21.88	0.05	0
AZ656	19	Holtville silty clay loam, strongly saline, 0 to 3 percent slopes	0.21	0.37	0.47	21.88	0.05	0
AZ656	20	Lagunita loamy sand	0.01	0.07	0.41	0.68	2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ656	21	Lagunita loamy sand, strongly saline, 0 to 5 percent slopes	0.02	0.08	0.41	1.06	1.9	0
AZ656	22	Lagunita loamy sand, wet, 0 to 3 percent slopes	0.01	0.07	0.41	0.68	2	0
AZ656	23	Laposa-Rock outcrop complex, 15 to 75 percent slopes	0.07	0.15	0.39	4.52	0.36	25
AZ656	24	Meloland sandy loam	0.08	0.17	0.4	4.44	0.62	0
AZ656	25	Meloland clay loam	0.21	0.35	0.44	16.65	0.05	0
AZ656	26	Ripley fine sandy loam	0.09	0.17	0.39	4.53	0.53	0
AZ656	27	Ripley fine sandy loam, strongly saline, 0 to 3 percent slopes	0.09	0.17	0.39	4.53	0.53	0
AZ656	28	Superstition gravelly loamy fine sand, 0 to 3 percent slopes	0.02	0.08	0.41	1.06	1.57	0
AZ656	29	Superstition-Rositas association, 0 to 15 percent slopes	0.01	0.07	0.42	1.55	1.73	0
AZ656	30	Vint sandy loam	0.07	0.15	0.39	4.52	0.68	0
AZ656	31	Vint sandy loam, strongly saline, 0 to 3 percent slopes	0.07	0.15	0.39	4.52	0.68	0
AZ656	32	Indio loamy fine sand	0.02	0.08	0.41	1.06	1.9	0
AZ656	33	Holtville clay	0.27	0.4	0.48	15.73	0.02	0
AZ656	36	Indo silt loam	0.15	0.34	0.43	37.45	0.05	0
AZ656	37	Indo clay loam	0.2	0.33	0.44	16.48	0.07	0
AZ656	38	Indo silt loam, strongly saline, 0 to 3 percent slopes	0.15	0.34	0.43	37.45	0.05	0
AZ656	40	Kofa loam	0.08	0.2	0.39	14.35	0.36	0
AZ656	41	Kofa loamy fine sand	0.02	0.08	0.41	1.06	1.9	0
AZ656	42	Kofa clay	0.31	0.43	0.51	13.34	0.02	0
AZ656	43	Kofa clay loam, strongly saline, 0 to 3 percent slopes	0.2	0.33	0.44	16.48	0.07	0
AZ656	44	Water	0.3	0.42	0.48	11.42	0.01	100

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ656	1A	Agualt sandy loam	0.11	0.19	0.4	5.09	0.4	0
AZ656	1B	Agualt clay loam	0.2	0.33	0.44	16.48	0.07	0
AZ656	3A	Antho sandy loam, 0 to 3 percent slopes	0.11	0.19	0.4	5.09	0.4	0
AZ656	8A	Cibola sandy loam	0.09	0.17	0.39	5.44	0.49	0
AZ656	8B	Cibola sandy loam, strongly saline, 0 to 3 percent slopes	0.06	0.14	0.39	4.6	0.78	0
AZ656	9A	Gadsden loam	0.08	0.2	0.39	14.35	0.36	0
AZ656	11A	Gilman loamy fine sand	0.02	0.08	0.41	1.06	1.9	0
AZ656	14A	Glenbar silty clay loam	0.18	0.36	0.46	29.25	0.06	0
AZ656	18A	Holtville loamy fine sand	0.02	0.08	0.41	1.06	1.9	0
AZ656	18B	Holtville sandy loam	0.09	0.17	0.39	5.44	0.49	0
AZ656	20A	Lagunita sandy loam	0.11	0.19	0.4	5.09	0.4	0
AZ656	20B	Lagunita clay loam	0.2	0.33	0.44	16.48	0.07	0
AZ656	24A	Meloland loamy fine sand	0.02	0.08	0.41	1.06	1.9	0
AZ656	24B	Meloland sandy loam, strongly saline, 0 to 3 percent slopes	0.08	0.17	0.4	4.44	0.62	0
AZ656	26A	Ripley loamy fine sand	0.02	0.08	0.41	1.06	1.9	0
AZ656	26B	Ripley clay loam	0.2	0.33	0.44	16.48	0.07	0
AZ656	30A	Vint loamy sand	0.01	0.07	0.41	0.68	2	0
AZ656	30B	Vint clay loam	0.2	0.33	0.44	16.48	0.07	0
AZ657	200	Gunsight family-Pinamt complex, 1 to 15 percent slopes	0.11	0.24	0.4	15.21	0.13	0
AZ657	205	Denure-Pahaka-Growler complex, 0 to 3 percent slopes	0.07	0.15	0.39	4.37	0.7	0
AZ657	206	Denure sandy loam, 0 to 1 percent slopes	0.05	0.14	0.4	4.13	0.95	0
AZ657	207	Denure fine sandy loam, 0 to 1 percent slopes	0.06	0.15	0.4	3.83	0.83	0
AZ657	208	Pahaka fine sandy loam, 0 to 1 percent slopes	0.05	0.14	0.4	3.56	0.99	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ657	209	Pahaka sandy loam, 0 to 1 percent slopes	0.05	0.14	0.4	3.84	1	0
AZ657	210	Brios-Riverwash complex, 0 to 1 percent slopes	0.04	0.11	0.4	1.63	1.32	0
AZ657	215	Denure complex, 1 to 5 percent slopes	0.07	0.15	0.39	4.38	0.67	0
AZ657	220	Momoli-Carrizo family complex, 1 to 5 percent slopes	0.06	0.14	0.4	4.28	0.75	0
AZ657	225	Growler sandy loam, 1 to 5 percent slopes	0.07	0.15	0.39	4.52	0.66	0
AZ657	230	Casa Grande family-Rositas family complex, 0 to 8 percent slopes	0.07	0.16	0.41	6.55	0.7	0
AZ657	235	Superstition-Rositas family complex, dry, 0 to 3 percent slopes	0.03	0.07	0.42	2.68	1.99	0
AZ657	240	Beeline-Laposa complex, 2 to 45 percent slopes	0.06	0.14	0.4	3.88	0.79	0
AZ657	245	Hyder-Rock outcrop complex, 5 to 45 percent slopes	0.14	0.27	0.41	16.43	0.07	35
AZ657	250	Brios coarse sand, 3 to 35 percent slopes	0.03	0.08	0.42	0.02	1.72	0
AZ657	255	Glendale-Gila complex, 0 to 1 percent slopes	0.13	0.27	0.44	13.13	0.19	0
AZ657	257	Glendale silty clay loam, 0 to 1 percent slopes	0.18	0.36	0.47	28.97	0.06	0
AZ657	258	Gila very fine sandy loam, 0 to 1 percent slopes	0.07	0.16	0.4	4.88	0.79	0
AZ657	265	Hickiwan-Gunsight complex, 3 to 30 percent slopes	0.06	0.15	0.39	4.71	0.46	0
AZ657	270	Pajarito sandy loam, 0 to 1 percent slopes	0.05	0.14	0.4	4.07	0.93	0
AZ657	271	Whitlock family sandy loam, 0 to 1 percent slopes	0.07	0.16	0.4	4.28	0.69	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ657	272	Sahuarita sandy loam, 0 to 1 percent slopes	0.06	0.14	0.4	3.23	0.88	0
AZ657	275	Pajarito-Whitlock-Sahuarita complex, 0 to 1 percent slopes	0.07	0.15	0.39	4.29	0.66	0
AZ657	280	Delnorte-Whitlock complex, 2 to 10 percent slopes	0.07	0.18	0.39	8.23	0.35	0
AZ657	285	Mohave sandy loam, 0 to 1 percent slopes	0.09	0.18	0.39	5.2	0.51	0
AZ657	290	Dixaleta-Rock outcrop complex, 3 to 30 percent slopes	0.15	0.24	0.4	8.8	0.09	15
AZ657	295	Yturbide sand, 0 to 1 percent slopes	0.01	0.05	0.43	2.68	2	0
AZ657	296	Brazito sandy loam, 0 to 1 percent slopes	0.06	0.15	0.4	4.63	0.78	0
AZ657	300	Stagecoach-Pinaleno family complex, 3 to 15 percent slopes	0.07	0.15	0.39	5.01	0.51	0
AZ657	305	Mohave sandy loam, 0 to 3 percent slopes	0.09	0.22	0.39	13.69	0.29	0
AZ657	310	Glenbar silt loam, 0 to 1 percent slopes	0.14	0.33	0.43	34.24	0.07	0
AZ657	311	Gadsden silty clay loam, 0 to 1 percent slopes	0.22	0.37	0.46	21.08	0.04	0
AZ657	312	Gadsden-Glenbar complex, 0 to 2 percent slopes	0.21	0.37	0.46	23.96	0.04	0
AZ657	315	Contine sandy loam, 0 to 1 percent slopes	0.07	0.15	0.4	4.75	0.7	0
AZ657	316	Mohall sandy loam, 0 to 1 percent slopes	0.09	0.17	0.4	5.09	0.54	0
AZ657	317	Mohall loam, 0 to 1 percent slopes	0.11	0.24	0.4	14.73	0.23	0
AZ657	318	Glenbar silt loam, loamy substratum, 0 to 1 percent slopes	0.1	0.3	0.41	36.2	0.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ657	320	Hantz silty clay loam, 0 to 1 percent slopes	0.27	0.41	0.5	19.15	0.03	0
AZ657	321	Hantz silty clay loam, 0 to 2 percent slopes	0.2	0.36	0.45	23.45	0.05	0
AZ657	325	Dateland-Denure complex, 0 to 2 percent slopes	0.07	0.15	0.4	3.88	0.73	0
AZ657	330	Gunsight family-Rillito complex, 1 to 10 percent slopes	0.07	0.15	0.39	5	0.45	0
AZ657	331	Rillito sandy loam, 0 to 1 percent slopes	0.07	0.16	0.4	4.87	0.61	0
AZ657	332	Gunsight family gravelly sandy loam, 0 to 1 percent slopes	0.07	0.16	0.4	4.87	0.58	0
AZ657	335	Dateland loam, 0 to 1 percent slopes	0.08	0.21	0.4	13.69	0.39	0
AZ657	336	Dateland fine sandy loam, 0 to 1 percent slopes	0.06	0.14	0.39	4.25	0.82	0
AZ657	340	Mohall-Contine complex, 1 to 5 percent slopes	0.07	0.15	0.39	4.85	0.69	0
AZ657	345	Gilman silt loam, 0 to 1 percent slopes	0.08	0.24	0.39	22.8	0.24	0
AZ657	350	Gunsight family-Cristobal complex, dry, 1 to 10 percent slopes	0.09	0.21	0.39	12.11	0.22	0
AZ657	355	Wintersburg-Laveen complex, 0 to 3 percent slopes	0.07	0.19	0.39	10.24	0.44	0
AZ657	360	Schenco-Chuichu-Rock outcrop complex, 3 to 45 percent slopes	0.11	0.22	0.4	8.15	0.15	20
AZ657	370	Superstition-Rillito complex, dry, 2 to 10 percent slopes	0.06	0.12	0.4	1.72	0.95	0
AZ657	375	Riverbend family-Superstition complex, dry, 1 to 30 percent slopes	0.05	0.12	0.4	4.06	0.75	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ657	385	Carrizo family very gravelly sandy loam, dry, 0 to 3 percent slopes	0.06	0.15	0.39	4.86	0.45	0
AZ657	390	Carrizo family-Riverwash complex, dry, 0 to 2 percent slopes	0.03	0.08	0.41	0.09	1.14	0
AZ657	395	Cristobal family-Gunsight family complex, dry, 1 to 10 percent slopes	0.15	0.26	0.41	11.55	0.08	0
AZ657	400	Gilman-Carrizo family complex, dry, 0 to 3 percent slopes	0.06	0.15	0.39	5.05	0.62	0
AZ657	405	Harqua-Casa Grande family complex, dry, 0 to 4 percent slopes	0.11	0.19	0.4	3.81	0.32	0
AZ657	410	Gunsight family very gravelly sandy loam, dry, 1 to 15 percent slopes	0.07	0.15	0.39	4.97	0.37	0
AZ657	415	Rock outcrop-Laposa family-Hyder complex, dry, 3 to 45 percent slopes	0.07	0.15	0.39	5.08	0.37	35
AZ657	420	Gilman-Yahana complex, dry, 0 to 2 percent slopes	0.11	0.23	0.41	11.01	0.24	0
AZ657	425	Rock outcrop-Schenco complex, dry, 5 to 50 percent slopes	0.07	0.15	0.39	4.97	0.37	60
AZ657	430	Water	0.3	0.42	0.48	11.42	0.01	100
AZ657	NOTCOM	No Digital Data Available	0.3	0.42	0.48	11.42	0.01	0
AZ658	1	Brios gravelly loamy sand, 3 to 5 percent slopes	0.04	0.1	0.4	0.74	1.08	0
AZ658	2	Brios very fine sandy loam, 0 to 2 percent slopes	0.09	0.18	0.39	6.78	0.45	0
AZ658	3	Carrizo-Momoli complex, 1 to 3 percent slopes	0.06	0.15	0.4	4.33	0.59	0
AZ658	4	Carrizo-Pinamt complex, 1 to 5 percent slopes	0.08	0.18	0.4	7.2	0.36	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ658	5	Carrizo very gravelly coarse sand, 0 to 1 percent slopes	0.01	0.05	0.43	2.68	2	0
AZ658	6	Casa Grande clay loam, 0 to 1 percent slopes	0.19	0.33	0.43	17	0.06	0
AZ658	7	Casa Grande complex, 0 to 5 percent slopes	0.14	0.25	0.42	8.84	0.17	0
AZ658	8	Casa Grande fine sandy loam, 0 to 3 percent slopes	0.07	0.15	0.4	3.47	0.75	0
AZ658	9	Cavelt-Carrizo-Gunsight complex, 1 to 10 percent slopes	0.06	0.15	0.4	6.46	0.46	0
AZ658	10	Chuckawalla-Gunsight complex, 1 to 5 percent slopes	0.14	0.24	0.39	9.97	0.11	0
AZ658	11	Cristobal-Gunsight complex, 3 to 15 percent slopes	0.16	0.27	0.4	11.68	0.07	0
AZ658	12	Dateland-Cuerda complex, saline-sodic, 0 to 3 percent slopes	0.09	0.18	0.39	5.04	0.49	0
AZ658	13	Denure-Pahaka complex, 1 to 3 percent slopes	0.06	0.15	0.39	5.43	0.67	0
AZ658	14	Denure-Pahaka complex, 3 to 5 percent slopes	0.06	0.16	0.39	5.92	0.48	0
AZ658	15	Gadsden, Glenbar, and Vint soils, saline-sodic, 0 to 2 percent slopes	0.13	0.27	0.45	7.44	0.23	0
AZ658	16	Gadsden silty clay loam, saline-sodic, 0 to 2 percent slopes	0.25	0.4	0.49	20.66	0.04	0
AZ658	17	Glenbar silt loam, saline-sodic, 0 to 2 percent slopes	0.14	0.33	0.46	28.63	0.13	0
AZ658	18	Indio silt loam, saline-sodic, 0 to 2 percent slopes	0.08	0.27	0.44	25.83	0.3	0
AZ658	19	Indio-Vint complex, saline-sodic, 0 to 3 percent slopes	0.08	0.24	0.42	15.71	0.35	0
AZ658	20	Kamato complex, 0 to 5 percent slopes	0.13	0.23	0.41	8.68	0.22	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ658	21	Kamato loam, 0 to 2 percent slopes	0.15	0.29	0.41	18.31	0.1	0
AZ658	22	Lagunita silt loam, 0 to 2 percent slopes	0.07	0.23	0.39	22.52	0.29	0
AZ658	23	Laveen fine sandy loam, saline-sodic, 0 to 2 percent slopes	0.1	0.18	0.4	4.6	0.5	0
AZ658	24	Momoli cobbly sandy loam, 5 to 15 percent slopes	0.09	0.17	0.39	5.44	0.3	0
AZ658	25	Pompeii-Lomitas-Rock outcrop complex, 15 to 65 percent slopes	0.09	0.2	0.4	8.35	0.2	20
AZ658	26	Quilotosa-Momoli-Vaiva complex, 1 to 15 percent slopes	0.09	0.17	0.4	5.08	0.31	0
AZ658	27	Quilotosa-Rock outcrop-Vaiva complex, 20 to 65 percent slopes	0.09	0.17	0.4	4.92	0.27	30
AZ658	28	Redun-Shontik complex, 1 to 3 percent slopes	0.06	0.14	0.39	4.3	0.8	0
AZ658	29	Rillito-Gunsight complex, 3 to 15 percent slopes	0.1	0.2	0.4	7.51	0.28	0
AZ658	30	Rositas-Casa Grande-Slickspots complex, 1 to 15 percent slopes	0.14	0.25	0.45	8.94	0.14	0
AZ658	31	Rositas loamy fine sand, sodic, 0 to 3 percent slopes	0.01	0.07	0.41	0.55	2	0
AZ658	32	Shontik-Redun complex, 0 to 3 percent slopes	0.06	0.14	0.39	4.3	0.79	0
AZ658	33	Tatai silt loam, 0 to 2 percent slopes	0.1	0.25	0.4	23.94	0.18	0
AZ658	34	Trix loam, saline-sodic, 0 to 1 percent slopes	0.1	0.24	0.43	11.75	0.38	0
AZ658	35	Vint-Yahana complex, saline-sodic, 0 to 10 percent slopes	0.06	0.13	0.41	1.61	1.1	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ658	36	Why-Brios complex, 0 to 2 percent slopes	0.04	0.09	0.41	0.22	1.41	0
AZ658	37	Yahana-Indio complex, saline-sodic, 0 to 3 percent slopes	0.17	0.34	0.48	18.71	0.13	0
AZ658	38	Yahana silty clay loam, 0 to 2 percent slopes	0.21	0.38	0.49	22.63	0.08	0
AZ659	1	Akela-Rock outcrop complex, 10 to 60 percent slopes	0.08	0.17	0.4	5.2	0.39	30
AZ659	2	Antho loamy fine sand	0.03	0.09	0.42	0.71	1.9	0
AZ659	3	Casa Grande fine sandy loam	0.08	0.15	0.4	3.27	0.71	0
AZ659	4	Casa Grande clay loam	0.2	0.33	0.44	16.48	0.07	0
AZ659	5	Cashion clay	0.27	0.4	0.48	14.49	0.03	0
AZ659	6	Cellar-Rock outcrop complex, 5 to 60 percent slopes	0.08	0.16	0.4	4.04	0.45	35
AZ659	7	Cherioni-Rock outcrop complex, 5 to 60 percent slopes	0.11	0.2	0.39	8.12	0.21	25
AZ659	8	Cipriano cobbly loam, 1 to 8 percent slopes	0.12	0.25	0.4	15.77	0.11	0
AZ659	9	Contine clay loam	0.21	0.35	0.44	16.65	0.05	0
AZ659	10	Contine clay	0.25	0.38	0.47	16.3	0.03	0
AZ659	11	Coolidge sandy loam	0.05	0.14	0.41	3.25	0.94	0
AZ659	12	Cuerda fine sandy loam	0.07	0.15	0.39	3.67	0.7	0
AZ659	13	Dateland fine sandy loam	0.09	0.17	0.39	4.53	0.51	0
AZ659	14	Dateland fine sandy loam, saline	0.09	0.17	0.39	4.53	0.51	0
AZ659	15	Denure very gravelly sandy loam, 1 to 8 percent slopes	0.08	0.16	0.4	4.04	0.45	0
AZ659	16	Denure sandy loam, 1 to 3 percent slopes	0.09	0.17	0.39	5.44	0.44	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ659	17	Denure fine sandy loam, 0 to 1 percent slopes	0.09	0.18	0.4	4.97	0.52	0
AZ659	18	Denure clay loam, 0 to 1 percent slopes	0.19	0.32	0.43	16.63	0.07	0
AZ659	19	Dumps-Pits association	0.2	0.3	0.46	2.54	0.06	0
AZ659	20	Gadsden clay	0.31	0.43	0.51	13.34	0.02	0
AZ659	21	Gilman fine sandy loam	0.09	0.17	0.39	4.53	0.52	0
AZ659	22	Gilman clay loam	0.19	0.32	0.43	17.52	0.05	0
AZ659	23	Ginland clay	0.29	0.41	0.49	14.18	0.02	0
AZ659	24	Glenbar clay loam	0.21	0.35	0.45	20.61	0.04	0
AZ659	25	Gunsight-Cipriano complex, 1 to 8 percent slopes	0.11	0.22	0.39	8.42	0.17	0
AZ659	26	Gunsight-Pinamt complex, 1 to 8 percent slopes	0.13	0.22	0.39	6.45	0.15	0
AZ659	27	La Palma fine sandy loam	0.08	0.15	0.4	3.35	0.76	0
AZ659	28	Laveen loam	0.13	0.26	0.41	14.81	0.2	0
AZ659	29	Marana silty clay loam	0.18	0.36	0.45	32.12	0.04	0
AZ659	30	Mohall sandy loam	0.08	0.16	0.4	4.04	0.69	0
AZ659	31	Mohall loam	0.14	0.28	0.42	15.37	0.15	0
AZ659	32	Mohall clay loam	0.2	0.33	0.44	16.48	0.07	0
AZ659	33	Mohall-Denure association	0.08	0.17	0.4	4.69	0.55	0
AZ659	34	Momoli-Carrizo complex, 1 to 8 percent slopes	0.1	0.18	0.39	4.91	0.28	0
AZ659	35	Pajarito-Sonoita complex	0.08	0.18	0.4	6.78	0.4	0
AZ659	36	Pimer silty clay	0.27	0.41	0.52	15.04	0.06	0
AZ659	37	Pinamt-Momoli complex, 1 to 8 percent slopes	0.14	0.26	0.41	11.6	0.09	0
AZ659	38	Pits	0	0.04	0.43	0.12	2	0
AZ659	39	Quilotosa-Rock outcrop complex, 5 to 60 percent slopes	0.1	0.23	0.41	13.62	0.17	35
AZ659	40	Rositas loamy fine sand	0.01	0.07	0.41	0.55	2	0
AZ659	41	Saminiego silty clay loam	0.31	0.44	0.51	14.15	0.02	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ659	42	Sasco silt loam	0.1	0.3	0.42	34.51	0.12	0
AZ659	43	Toltec fine sandy loam	0.09	0.17	0.4	4.13	0.52	0
AZ659	44	Tremant-Denure complex*	0.14	0.25	0.41	10.78	0.13	0
AZ659	45	Trix clay loam	0.21	0.35	0.44	16.65	0.05	0
AZ659	46	Vaiva-Rock outcrop complex, 2 to 15 percent slopes	0.13	0.26	0.41	14.57	0.14	20
AZ659	47	Vaiva-Rock outcrop complex, 15 to 50 percent slopes	0.08	0.16	0.4	4.04	0.38	30
AZ659	48	Valencia sandy loam	0.06	0.15	0.4	4.06	0.84	0
AZ659	49	Why sandy loam	0.07	0.15	0.39	4.52	0.6	0
AZ659	50	Water	0.3	0.42	0.48	11.42	0.01	100
AZ661	1	Agustin-Kokan-Queencreek complex, 1 to 8 percent slopes	0.08	0.15	0.4	3.24	0.5	0
AZ661	2	Ajo-Guvo-Rock outcrop complex, 15 to 60 percent slopes	0.18	0.32	0.43	16.47	0.06	20
AZ661	3	Beardsley-Hickiwan complex, 1 to 8 percent slopes	0.19	0.32	0.43	16.34	0.06	0
AZ661	4	Beardsley-Suncity complex, 1 to 10 percent slopes	0.19	0.32	0.43	16.61	0.07	0
AZ661	5	Beaumain-Rock outcrop-Cherrycow complex, 5 to 60 percent slopes	0.19	0.32	0.46	11.44	0.09	20
AZ661	6	Bodecker soils and riverwash, 0 to 5 percent slopes	0.04	0.13	0.41	3.54	0.87	0
AZ661	7	Brewster-Rock outcrop-Woodcutter complex, 10 to 60 percent slopes	0.15	0.28	0.45	12.11	0.14	30
AZ661	8	Brunkcow-Chiricahua complex, 10 to 60 percent slopes	0.18	0.31	0.45	14.89	0.09	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ661	9	Bucklebar-Hayhook complex, 1 to 10 percent slopes	0.08	0.16	0.4	4.6	0.66	0
AZ661	10	Caracara-Delthorny complex, 3 to 45 percent slopes	0.24	0.35	0.46	11.19	0.03	0
AZ661	11	Carrizo family-Brios-Riverwash complex, 0 to 5 percent slopes	0.06	0.14	0.4	4.46	0.84	0
AZ661	12	Casa Grande fine sandy loam, 0 to 3 percent slopes	0.08	0.15	0.4	3.27	0.77	0
AZ661	13	Cascabel soils, wetrock soils, and riverwash, 0 to 5 percent slopes	0.05	0.15	0.4	4.72	0.83	0
AZ661	14	Cascabel soils, wetrock soils, and water, 0 to 5 percent slopes	0.07	0.19	0.4	10.06	0.5	33.3
AZ661	15	Cellar-Anklam-Rock outcrop complex, 20 to 70 percent slopes	0.07	0.16	0.4	4.29	0.44	20
AZ661	16	Cellar-Rock outcrop complex, 20 to 70 percent slopes	0.07	0.15	0.39	4.42	0.36	35
AZ661	17	Cellar-Rock outcrop complex, 5 to 20 percent slopes	0.06	0.14	0.39	4.55	0.5	30
AZ661	18	Cherioni-Rock outcrop complex, 3 to 30 percent slopes	0.1	0.2	0.39	8.05	0.18	20
AZ661	19	Chiricahua, Deloro, and Lampshire soils, 5 to 60 percent slopes	0.14	0.25	0.45	5.14	0.15	0
AZ661	20	Chiricahua-deloro-leyte soils, 10 to 50 percent slopes	0.21	0.34	0.45	15.41	0.04	0
AZ661	21	Chiricahua-Mallet complex, 1 to 15 percent slopes	0.19	0.3	0.44	9.6	0.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ661	22	Collarbutton-Rock outcrop-Cherrycow complex, 10 to 60 percent slopes	0.21	0.32	0.45	9.36	0.07	30
AZ661	23	Combate coarse sandy loam, 1 to 5 percent slopes	0.08	0.17	0.41	3.81	0.61	0
AZ661	24	Contine loam, 0 to 3 percent slopes	0.21	0.34	0.44	17.55	0.04	0
AZ661	25	Coolidge-Gunsight complex, 1 to 5 percent slopes	0.07	0.16	0.4	4.04	0.66	0
AZ661	26	Dateland loam, 0 to 2 percent slopes	0.08	0.2	0.39	13.78	0.38	0
AZ661	27	Delnorte-Nahda complex, 3 to 20 percent slopes	0.17	0.28	0.44	8.27	0.07	0
AZ661	28	Denied access	0.3	0.42	0.48	11.42	0.01	0
AZ661	29	Denure gravelly sandy loam, 0 to 2 percent slopes	0.06	0.15	0.4	4.06	0.69	0
AZ661	30	Denure sandy loam, 0 to 2 percent slopes	0.06	0.15	0.4	4.06	0.76	0
AZ661	31	Denure sandy loam, 1 to 3 percent slopes	0.06	0.14	0.39	4.55	0.8	0
AZ661	32	Denure-Dateland complex, 0 to 3 percent slopes	0.06	0.14	0.4	3.87	0.82	0
AZ661	33	Denure-Mohall complex, 1 to 5 percent slopes	0.11	0.21	0.4	8.68	0.3	0
AZ661	34	Denure-Momoli complex, 1 to 10 percent slopes	0.07	0.15	0.4	4.66	0.71	0
AZ661	35	Ebon very gravelly loam, 1 to 8 percent slopes	0.27	0.4	0.47	16.56	0.01	0
AZ661	36	Ebon-Carrizo family complex, 0 to 10 percent slopes	0.1	0.21	0.41	10.95	0.28	0
AZ661	37	Eskiminzin-Rock outcrop complex, 35 to 75 percent slopes	0.28	0.41	0.49	14.47	0.01	30
AZ661	38	Eskiminzin-Rock outcrop-Sontag complex, tuff, 5 to 45 percent slopes	0.22	0.34	0.45	9.98	0.05	30

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ661	39	Eskiminzin-Sontag-Rock outcrop complex, 2 to 45 percent slopes	0.21	0.34	0.46	13.7	0.05	20
AZ661	40	Fig family-Topock complex, 5 to 50 percent slopes	0.16	0.25	0.41	6.85	0.08	0
AZ661	41	Gachado-Lomitas-Rock outcrop complex, 7 to 55 percent slopes	0.14	0.24	0.4	8.33	0.09	20
AZ661	42	Gadsden clay, 0 to 2 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ661	43	Gila-Vinton complex, 0 to 5 percent slopes	0.04	0.12	0.41	1.79	1.34	0
AZ661	44	Gilman fine sandy loam, 0 to 2 percent slopes	0.08	0.16	0.39	4.15	0.6	0
AZ661	45	Gilman loam, 0 to 2 percent slopes	0.09	0.22	0.39	14.89	0.28	0
AZ661	46	Glenbar clay loam, 0 to 2 percent slopes	0.22	0.36	0.45	19.89	0.04	0
AZ661	47	Glendale-Hantz complex, 0 to 5 percent slopes	0.24	0.4	0.49	20.58	0.05	0
AZ661	48	Gran-Rock outcrop-Pantano complex, 20 to 60 percent slopes	0.27	0.39	0.48	11.8	0.02	20
AZ661	49	Granolite-Rock outcrop-Akela complex, 5 to 45 percent slopes	0.25	0.38	0.47	14.98	0.02	25
AZ661	50	Haplogypsids, 0 to 5 percent slopes	0.07	0.2	0.39	13.76	0.41	0
AZ661	51	Haplogypsids-Whitecliff-Badlands complex, 1 to 80 percent slopes	0.09	0.19	0.39	7.66	0.39	0
AZ661	52	Hayhook-Riverwash complex, 1 to 5 percent slopes	0.07	0.15	0.4	4.62	0.72	0
AZ661	53	Hickiwan-Ajolito-Ajo complex, 3 to 20 percent slopes	0.17	0.3	0.43	12.99	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ661	54	Hickiwan-Gunsight complex, 1 to 15 percent slopes	0.07	0.16	0.4	5.3	0.49	0
AZ661	55	Holguin-Rock outcrop complex, 15 to 60 percent slopes	0.16	0.3	0.44	14.36	0.08	35
AZ661	56	Jawbone family-Rock outcrop-Chimenea complex, 15 to 80 percent slopes	0.05	0.1	0.42	3.63	1.04	20
AZ661	57	Kimrose-Sasabe complex, 3 to 45 percent slopes	0.21	0.34	0.45	14.17	0.05	0
AZ661	58	Lanque family-Turquoise complex, 1 to 20 percent slopes	0.08	0.17	0.42	3.7	0.69	0
AZ661	59	Laveen fine sandy loam, 0 to 2 percent slopes	0.08	0.15	0.4	3.35	0.76	0
AZ661	60	Laveen loam, 0 to 3 percent slopes	0.08	0.21	0.4	12.52	0.41	0
AZ661	61	Lehmans-Rock outcrop complex, 8 to 50 percent slopes	0.09	0.18	0.4	4.97	0.28	30
AZ661	62	Mabray-Rock outcrop complex, 20 to 75 percent slopes	0.13	0.26	0.43	12.81	0.16	35
AZ661	63	Maripo sandy loam, 0 to 3 percent slopes	0.08	0.16	0.4	4.04	0.69	0
AZ661	64	Mined land	0.3	0.42	0.48	11.42	0.01	0
AZ661	65	Mohall clay loam, 0 to 5 percent slopes	0.19	0.32	0.42	17.71	0.06	0
AZ661	66	Mohall sandy loam, 0 to 3 percent slopes	0.06	0.15	0.4	4.06	0.84	0
AZ661	67	Mohall-Contine complex, 0 to 5 percent slopes	0.18	0.34	0.45	19.86	0.07	0
AZ661	68	Momoli-Carrizo family complex, 1 to 8 percent slopes	0.07	0.14	0.41	4.55	0.6	0
AZ661	69	Nahda-Delnorte complex, 1 to 10 percent slopes	0.22	0.34	0.46	10.49	0.03	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ661	70	Ohaco-Cave complex, 1 to 15 percent slopes	0.15	0.24	0.41	6.56	0.17	0
AZ661	71	Oracle-Romero-Combate complex, 1 to 20 percent slopes	0.09	0.18	0.42	4	0.49	0
AZ661	72	Oxyaquic Torrifluvents-Riverwash complex, 0 to 5 percent slopes	0.06	0.15	0.41	3.66	0.65	0
AZ661	73	Pantak-Rock outcrop-Lampshire complex, 5 to 60 percent slopes	0.13	0.26	0.43	12.96	0.13	35
AZ661	74	Pantano-Anklam-Rock outcrop complex, 3 to 20 percent slopes	0.13	0.22	0.4	6.76	0.14	20
AZ661	75	Pinamt-Gunsight complex, 1 to 8 percent slopes	0.15	0.27	0.42	11.53	0.07	0
AZ661	76	Pinamt-Momoli complex, 1 to 8 percent slopes	0.16	0.27	0.42	9.77	0.09	0
AZ661	77	Powerline-Kimrose family complex, 10 to 35 percent slopes	0.09	0.21	0.42	6.56	0.31	0
AZ661	78	Queencreek soils and riverwash, 0 to 5 percent slopes	0.03	0.12	0.39	3.89	0.87	0
AZ661	79	Quiburi-Gila complex, 0 to 3 percent slopes	0.07	0.19	0.4	8.87	0.56	0
AZ661	80	Ripsey-Rock outcrop complex, 15 to 70 percent slopes	0.09	0.17	0.39	5.44	0.45	30
AZ661	81	Rock outcrop-Garzona family complex, 15 to 70 percent slopes	0.19	0.32	0.44	16.9	0.04	50
AZ661	82	Rock outcrop-Lajitas complex, 5 to 60 percent slopes	0.12	0.25	0.4	15.65	0.09	45
AZ661	83	Rock outcrop-Lampshire complex, 10 to 60 percent slopes	0.1	0.19	0.42	4.26	0.34	55

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ661	84	Rock outcrop-Lampshire complex, chaparral, 5 to 50 percent slopes	0.08	0.18	0.4	8.44	0.48	65
AZ661	85	Rock outcrop-Stagecoach complex, 5 to 35 percent slopes	0.08	0.16	0.4	4.04	0.45	45
AZ661	86	Rock outcrop-Surge complex, 3 to 45 percent slopes	0.1	0.19	0.41	4.49	0.56	60
AZ661	87	Romero-Rock outcrop-Oracle complex, 10 to 45 percent slopes	0.11	0.2	0.42	5.13	0.31	25
AZ661	88	Sasabe-Stronghold complex, 1 to 15 percent slopes	0.16	0.27	0.43	8.71	0.16	0
AZ661	89	Schiefflin-Rock outcrop complex, 5 to 45 percent slopes	0.06	0.12	0.43	0.38	0.76	30
AZ661	90	Schrap-Rock outcrop complex, 5 to 60 percent slopes	0.16	0.26	0.41	8.28	0.1	25
AZ661	91	Selevin-Tombstone-Saddlebrook complex, 3 to 45 percent slopes	0.17	0.27	0.44	7.02	0.12	0
AZ661	92	Stagecoach-Delnorte complex, 5 to 45 percent slopes	0.07	0.15	0.4	4.2	0.4	0
AZ661	93	Stagecoach-Haplogypsids-Delnorte complex, 5 to 80 percent slopes	0.08	0.19	0.39	8.38	0.3	0
AZ661	94	Stanford soils and water, 0 to 5 percent slopes	0.12	0.26	0.44	11.15	0.3	50
AZ661	95	Terrarossa-Blacktail complex, 5 to 60 percent slopes	0.3	0.42	0.5	13.14	0.02	0
AZ661	96	Topawa very gravelly sandy loam, 5 to 20 percent slopes	0.24	0.35	0.43	10.77	0.01	0
AZ661	97	Tremant-Pinamt complex, 1 to 10 percent slopes	0.11	0.2	0.4	5.87	0.31	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ661	98	Tubac-Rillino complex, 3 to 25 percent slopes	0.21	0.33	0.46	9.11	0.05	0
AZ661	99	Turquoise-Coppercan complex, 5 to 45 percent slopes	0.16	0.25	0.45	4.8	0.21	0
AZ661	100	Turquoise-Nugget-Rock outcrop complex, 5 to 45 percent slopes	0.1	0.19	0.42	4.25	0.42	20
AZ661	101	Typic Fluvaquents, wetrock soils, and water, 0 to 3 percent slopes	0.11	0.21	0.44	8.58	0.27	33.3
AZ661	102	Ugyp-Whitecliff complex, eroded, 1 to 5 percent slopes	0.1	0.23	0.41	14.01	0.3	0
AZ661	103	Vint loamy fine sand, 0 to 2 percent slopes	0.03	0.1	0.4	1.63	1.46	0
AZ661	104	White House-Stronghold complex, 5 to 60 percent slopes	0.16	0.27	0.42	9.74	0.14	0
AZ661	105	Wikieup family very channery sandy loam, 10 to 60 percent slopes	0.09	0.18	0.39	5.2	0.33	0
AZ661	106	Yarbam-Rock outcrop complex, 20 to 60 percent slopes	0.1	0.23	0.43	11.24	0.23	10
AZ662	Ac	Agua clay loam	0.21	0.35	0.44	16.65	0.05	0
AZ662	Ag	Agua loam	0.13	0.26	0.41	14.57	0.2	0
AZ662	AhA	Anthony clay loam, 0 to 2 percent slopes	0.19	0.32	0.43	16.63	0.07	0
AZ662	AlB	Anthony gravelly sandy loam, 0 to 5 percent slopes	0.11	0.19	0.39	5.1	0.38	0
AZ662	AmA	Anthony loam, 0 to 2 percent slopes	0.13	0.26	0.41	14.57	0.2	0
AZ662	AnA	Anthony sandy loam, 0 to 2 percent slopes	0.11	0.19	0.39	5.1	0.38	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ662	ApB	Anthony-Continental-Pinaleno gravelly sandy loams, 0 to 5 percent slopes	0.15	0.25	0.41	8.8	0.14	0
AZ662	AtA	Anthony and Gila gravelly sandy loams, 0 to 2 percent slopes	0.08	0.16	0.4	4.49	0.54	0
AZ662	AuA	Arizo sandy loam, 0 to 2 percent slopes	0.06	0.14	0.39	4.6	0.7	0
AZ662	AvA	Arizo gravelly sandy loam, 0 to 2 percent slopes	0.06	0.14	0.39	4.6	0.62	0
AZ662	AvB	Arizo gravelly sandy loam, 2 to 5 percent slopes	0.06	0.14	0.39	4.6	0.62	0
AZ662	AwA	Arizo loam, 0 to 2 percent slopes	0.08	0.2	0.39	14.35	0.36	0
AZ662	AzA	Arizo gravelly loam, 0 to 2 percent slopes	0.08	0.2	0.39	14.35	0.29	0
AZ662	BeB	Bitter Spring gravelly sandy loam, 2 to 5 percent slopes	0.09	0.18	0.4	4.97	0.44	0
AZ662	BpB	Bitter Spring-Pinaleno complex, 0 to 5 percent slopes	0.13	0.24	0.41	8.96	0.17	0
AZ662	Br	Brazito loam	0.11	0.24	0.4	15.34	0.2	0
AZ662	Bt	Brazito sandy loam	0.06	0.15	0.4	4.33	0.78	0
AZ662	ChB	Cave gravelly sandy loam, 0 to 5 percent slopes	0.07	0.16	0.4	4.47	0.6	0
AZ662	ChE	Cave gravelly sandy loam, 5 to 30 percent slopes	0.07	0.16	0.4	4.47	0.6	0
AZ662	CkD	Cave-Pinaleno complex, 0 to 20 percent slopes	0.11	0.21	0.41	7.42	0.25	0
AZ662	ClF	Cellar soils, 2 to 50 percent slopes	0.07	0.16	0.4	4.28	0.5	0
AZ662	Cm	Comoro loam	0.12	0.25	0.43	12.33	0.29	0
AZ662	Cn	Comoro loam, mottled variant	0.12	0.25	0.43	12.33	0.29	0
AZ662	Co	Comoro sandy loam	0.08	0.17	0.42	3.81	0.73	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ662	CrB	Continental cobbly sandy loam, 2 to 5 percent slopes	0.19	0.33	0.43	17	0.05	0
AZ662	CsB	Continental-Gila gravelly sandy loams, 0 to 5 percent slopes	0.17	0.29	0.42	12.08	0.09	0
AZ662	CtB	Continental-Pinaleno complex, 0 to 5 percent slopes	0.19	0.32	0.43	17.53	0.05	0
AZ662	GbA	Gila gravelly loam, 0 to 2 percent slopes	0.1	0.23	0.41	13.62	0.26	0
AZ662	GcA	Gila loam, 0 to 2 percent slopes	0.09	0.22	0.41	13.1	0.34	0
AZ662	GcB	Gila loam, 2 to 5 percent slopes	0.09	0.22	0.41	13.1	0.34	0
AZ662	GeA	Gila loam, saline, 0 to 2 percent slopes	0.09	0.22	0.39	14.89	0.27	0
AZ662	GfA	Gila sandy loam, 0 to 2 percent slopes	0.09	0.17	0.4	4.56	0.57	0
AZ662	GgA	Gila and Glendale soils, 0 to 2 percent slopes	0.11	0.22	0.41	8.82	0.31	0
AZ662	Gm	Glendale loam	0.13	0.27	0.42	17.05	0.17	0
AZ662	Gn	Glendale silt loam, saline	0.1	0.3	0.42	34.51	0.12	0
AZ662	Go	Glendale silt loam, saline-alkali	0.13	0.32	0.44	34.01	0.09	0
AZ662	Gp	Glendale silty clay loam, saline	0.19	0.37	0.47	28.45	0.06	0
AZ662	GPI	Gravel pits	0.02	0.06	0.41	0.29	2	0
AZ662	Gr	Grabe clay loam	0.21	0.35	0.46	15.93	0.06	0
AZ662	Gs	Grabe loam	0.1	0.24	0.43	11.75	0.36	0
AZ662	Gt	Grabe loam, saline	0.13	0.26	0.43	12.81	0.25	0
AZ662	GuE	Graham extremely rocky clay loam, 2 to 40 percent slopes	0.24	0.38	0.47	14.18	0.04	0
AZ662	Gv	Gravelly alluvial land	0.08	0.13	0.39	1.36	0.51	0
AZ662	Gy	Guest clay	0.3	0.42	0.48	13.85	0.01	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ662	Ma	Maricopa loam	0.1	0.23	0.41	13.62	0.3	0
AZ662	Mr	Maricopa sandy loam	0.08	0.16	0.4	4.04	0.67	0
AZ662	Pa	Pima clay	0.29	0.41	0.49	13.79	0.02	0
AZ662	Pc	Pima clay loam	0.18	0.34	0.47	16.46	0.12	0
AZ662	Pe	Pima clay loam, saline	0.2	0.35	0.46	17.65	0.08	0
AZ662	Pm	Pima loam	0.13	0.28	0.45	13.54	0.26	0
AZ662	PnB	Pinaleno cobbly loam, 2 to 5 percent slopes	0.17	0.31	0.42	18.75	0.05	0
AZ662	PrB	Pinaleno gravelly loam, 0 to 5 percent slopes	0.17	0.31	0.42	18.75	0.05	0
AZ662	PsB	Pinaleno-Bitter Spring complex, 0 to 5 percent slopes	0.14	0.26	0.41	11.73	0.11	0
AZ662	PuB	Pinaleno-Cave complex, 0 to 5 percent slopes	0.13	0.25	0.41	11.31	0.12	0
AZ662	PvC	Pinaleno-Continental gravelly sandy loams, 0 to 10 percent slopes	0.18	0.31	0.42	18.07	0.05	0
AZ662	Rh	Riverwash	0.03	0.12	0.39	4.67	1.16	0
AZ662	Rk	Rock land	0.11	0.2	0.4	6.2	0.28	0
AZ662	Ro	Rough broken land	0.12	0.21	0.4	6.31	0.27	0
AZ662	TdB	Tidwell extremely rocky sandy loam, 0 to 5 percent slopes	0.08	0.16	0.4	4.6	0.61	40
AZ662	TeA	Tidwell sandy loam, 0 to 2 percent slopes	0.08	0.16	0.4	4.6	0.61	0
AZ662	TgA	Tidwell, Gila, and Glendale soils, saline, 0 to 2 percent slopes	0.09	0.23	0.41	13.32	0.27	0
AZ662	ThC	Tres Hermanos-Bitter Spring gravelly sandy loams, 0 to 10 percent slopes	0.14	0.23	0.4	7.12	0.18	0
AZ662	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ662	WhA	Whitlock loam, 0 to 2 percent slopes	0.14	0.27	0.42	15.43	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ662	WkA	Whitlock sandy loam, 0 to 2 percent slopes	0.08	0.16	0.4	4.04	0.72	0
AZ662	WkB	Whitlock sandy loam, 2 to 5 percent slopes	0.08	0.16	0.4	4.04	0.72	0
AZ663	1	Akela-Lehmans-Rock outcrop complex, 9 to 60 percent slopes	0.15	0.28	0.42	15.43	0.08	20
AZ663	2	Anthony-Gila complex, 0 to 5 percent slopes	0.08	0.17	0.4	4.53	0.58	0
AZ663	3	Aravaipa extremely gravelly loam, 5 to 40 percent slopes	0.25	0.38	0.46	16.37	0.02	0
AZ663	4	Artesia extremely cobbly sandy clay loam, 0 to 8 percent slopes	0.24	0.37	0.46	16.39	0.02	0
AZ663	5	Bonita very cobbly silty clay, 2 to 8 percent slopes	0.27	0.4	0.47	13.06	0.02	0
AZ663	6	Calciorthids and Torriorthents, 10 to 90 percent slopes*	0.2	0.33	0.45	15.76	0.05	0
AZ663	7	Comoro-Santo Tomas complex, 2 to 8 percent slopes	0.09	0.18	0.43	3.32	0.64	0
AZ663	8	Continental gravelly clay loam, 2 to 15 percent slopes	0.24	0.38	0.46	17.26	0.02	0
AZ663	9	Continental-Dona Ana complex, 2 to 15 percent slopes	0.14	0.24	0.4	7.32	0.17	0
AZ663	10	Eba-Pinaleno complex, 2 to 40 percent slopes	0.17	0.29	0.41	11.59	0.06	0
AZ663	11	Eloma-Alsco complex, 15 to 70 percent slopes	0.22	0.35	0.45	16.1	0.03	0
AZ663	12	Eloma-White House association, 10 to 60 percent slopes	0.27	0.4	0.48	14.52	0.02	0
AZ663	13	Fallsam-Cabezon-Rock outcrop complex, 9 to 70 percent slopes	0.28	0.41	0.49	14.78	0.01	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ663	14	Gila fine sandy loam, 0 to 2 percent slopes**	0.09	0.17	0.4	4.85	0.54	0
AZ663	15	Glendale silty clay loam, 0 to 2 percent slopes**	0.19	0.37	0.47	27.66	0.05	0
AZ663	16	Glendale-Gila complex, 0 to 5 percent slopes, severely eroded	0.15	0.31	0.44	23.27	0.09	0
AZ663	17	Guest silty clay, 0 to 2 percent slopes**	0.27	0.41	0.51	17.59	0.04	0
AZ663	18	Guest-Hantz complex, 0 to 5 percent slopes, severely eroded	0.28	0.41	0.49	16.47	0.03	0
AZ663	19	Hantz silty clay, 0 to 2 percent slopes**	0.27	0.41	0.51	17.59	0.04	0
AZ663	20	Hap gravelly sandy loam, 2 to 8 percent slopes	0.17	0.27	0.4	10.06	0.08	0
AZ663	21	Hap-Pinaleno association, 9 to 60 percent slopes	0.17	0.28	0.41	12.41	0.07	0
AZ663	22	Haplargids-Torriorthents complex, 5 to 40 percent slopes*	0.28	0.41	0.47	13.36	0.01	0
AZ663	23	Limpia-Graham-Rock outcrop complex, 9 to 50 percent slopes	0.26	0.39	0.49	15.43	0.03	15
AZ663	24	Maloy extremely stony sandy loam, 2 to 15 percent slopes	0.19	0.29	0.42	8.81	0.06	0
AZ663	25	Peloncillo extremely cobbly sandy clay loam, 2 to 10 percent slopes	0.19	0.32	0.42	17.71	0.04	0
AZ663	26	Peloncillo-Orthents-Pinaleno complex, 20 to 90 percent slopes	0.16	0.29	0.42	14.17	0.07	0
AZ663	27	Pima silty clay loam, 0 to 2 percent slopes**	0.19	0.37	0.47	28.45	0.06	0
AZ663	28	Pinaleno very cobbly loam, 5 to 30 percent slopes	0.15	0.25	0.4	9.25	0.1	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ663	29	Pinaleno-Whitlock-Tres Hermanos complex, 2 to 30 percent slopes	0.13	0.22	0.4	7.27	0.19	0
AZ663	30	Pits-Dumps association	0.11	0.18	0.45	0.61	0.3	0
AZ663	31	Rock outcrop-Atascosa-Graham complex, 9 to 70 percent slopes	0.21	0.35	0.46	14.96	0.05	35
AZ663	32	Rock outcrop-Chiricahua variant complex, 5 to 90 percent slopes	0.16	0.26	0.42	8.04	0.12	50
AZ663	33	Rock outcrop-Lampshire complex, 20 to 90 percent slopes	0.1	0.24	0.43	11.75	0.2	50
AZ663	34	Rock outcrop-Luzena complex, 20 to 90 percent slopes	0.27	0.4	0.48	14.49	0.02	55
AZ663	35	Rock outcrop-Mokiak complex, 20 to 90 percent slopes	0.08	0.17	0.42	3.32	0.5	65
AZ663	36	Santo Tomas extremely stony sandy loam, 2 to 10 percent slopes	0.09	0.18	0.44	2.37	0.48	0
AZ663	37	Selevin extremely stony loam, 2 to 15 percent slopes	0.14	0.27	0.43	12.83	0.12	0
AZ663	38	Signal very cobbly clay loam, 10 to 40 percent slopes	0.27	0.4	0.48	15.73	0.01	0
AZ663	39	Sonoita-Bucklebar complex, 2 to 10 percent slopes	0.07	0.16	0.4	4.21	0.72	0
AZ663	40	Stellar gravelly sandy clay loam, 0 to 5 percent slopes	0.18	0.28	0.42	8.91	0.11	0
AZ663	41	Tapco-Peloncillo association, 2 to 15 percent slopes	0.26	0.39	0.48	15.12	0.03	0
AZ663	42	Torrifluvents-Riverwash complex, 1 to 5 percent slopes*	0.02	0.1	0.41	0.86	1.63	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ663	43	Tres Hermanos-Continental-Nickel complex, 2 to 45 percent slopes	0.17	0.29	0.42	12.44	0.06	0
AZ663	44	Wampoo gravelly loam, 2 to 10 percent slopes	0.13	0.26	0.43	12.81	0.19	0
AZ663	45	Whitlock-Tres Hermanos complex, 2 to 20 percent slopes	0.1	0.18	0.4	5.44	0.4	0
AZ663	46	Water	0.3	0.42	0.48	11.42	0.01	100
AZ664	1	Anthony-Gila complex	0.08	0.18	0.4	6.95	0.52	0
AZ664	2	Arizo soils	0.05	0.12	0.39	2.45	0.85	0
AZ664	3	Artesia cobbly fine sandy loam	0.07	0.15	0.39	3.67	0.52	0
AZ664	4	Atascosa-Chiricahua-Rock outcrop complex	0.2	0.31	0.44	10.22	0.07	10
AZ664	5	Atascosa-Graham-Rock outcrop complex	0.21	0.33	0.45	9.65	0.06	20
AZ664	6	Bluepoint loamy sand	0.03	0.08	0.41	0.58	1.59	0
AZ664	7	Bluepoint-Gothard complex	0.11	0.18	0.41	2.26	0.37	0
AZ664	8	Bonita cobbly silty clay	0.27	0.41	0.52	13.38	0.06	0
AZ664	9	Bucklebar fine sandy loam	0.09	0.17	0.4	3.76	0.6	0
AZ664	10	Calciorthids and Torriorthents, eroded	0.2	0.33	0.45	15.76	0.05	0
AZ664	11	Cave-Durorthids complex	0.15	0.28	0.42	12.83	0.09	0
AZ664	12	Comoro soils	0.08	0.17	0.42	3.52	0.7	0
AZ664	13	Continental-Tubac complex	0.08	0.17	0.4	4.58	0.51	0
AZ664	14	Dona Ana fine sandy loam, 0 to 2 percent slopes	0.09	0.17	0.4	4.13	0.54	0
AZ664	15	Dona Ana fine sandy loam, 0 to 5 percent slopes	0.09	0.17	0.4	4.13	0.54	0
AZ664	16	Eba gravelly sandy loam	0.09	0.17	0.39	5.44	0.39	0
AZ664	17	Eba gravelly fine sandy loam	0.09	0.17	0.39	4.53	0.42	0
AZ664	18	Faraway-Rock outcrop complex	0.13	0.27	0.44	11.65	0.18	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ664	19	Forrest-White House-Kimbrough complex	0.16	0.28	0.44	10.12	0.16	0
AZ664	20	Gila loam	0.1	0.23	0.41	13.62	0.3	0
AZ664	21	Gila-Anthony-Bluepoint complex	0.07	0.16	0.4	3.87	0.64	0
AZ664	22	Glendale-Gila complex	0.17	0.33	0.45	20.51	0.09	0
AZ664	23	Glendale-Gila complex, eroded	0.17	0.33	0.46	20.76	0.09	0
AZ664	24	Glendale-Gila association, frequently flooded	0.17	0.33	0.45	20.51	0.09	0
AZ664	25	Graham-Rock outcrop complex	0.29	0.41	0.5	13	0.02	15
AZ664	26	Guest silty clay loam	0.21	0.37	0.47	21.88	0.05	0
AZ664	27	Guest and Hantz soils	0.22	0.37	0.48	18.32	0.06	0
AZ664	28	Hondale silty clay loam	0.21	0.37	0.47	21.88	0.05	0
AZ664	29	Hondale complex	0.11	0.24	0.42	10.21	0.26	0
AZ664	30	Kimbrough gravelly fine sandy loam	0.12	0.2	0.41	4.19	0.34	0
AZ664	31	Mabray-Rock outcrop complex	0.13	0.26	0.43	12.81	0.16	25
AZ664	32	Mokiak-Faraway-Rock outcrop complex	0.17	0.28	0.43	9.27	0.13	15
AZ664	33	Pima-Grabe silt loams	0.14	0.34	0.48	23.49	0.17	0
AZ664	34	Pima-Grabe association	0.14	0.32	0.47	20.3	0.18	0
AZ664	35	Pridham silty clay loam	0.29	0.43	0.54	10.09	0.06	0
AZ664	36	Santo Tomas soils	0.11	0.25	0.45	9.89	0.32	0
AZ664	37	Signal gravelly loam	0.27	0.4	0.5	12.07	0.03	0
AZ664	38	Sonoita gravelly sandy loam	0.06	0.15	0.4	4.06	0.67	0
AZ664	39	Sonoita fine sandy loam	0.09	0.17	0.4	4.13	0.54	0
AZ664	40	Tres Hermanos gravelly loam	0.1	0.23	0.41	13.62	0.25	0
AZ664	41	Tubac sandy clay loam	0.17	0.27	0.4	10.06	0.1	0
AZ664	42	Tubac soils	0.09	0.19	0.4	8.28	0.35	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ664	43	Tubac-Sonoita complex	0.08	0.17	0.4	4.64	0.57	0
AZ664	44	Vekol loam	0.14	0.27	0.41	15.67	0.16	0
AZ664	45	White House-Forrest association	0.19	0.32	0.45	11.31	0.1	0
AZ664	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ665	BeC	Bernardino complex, 0 to 10 percent slopes	0.13	0.23	0.44	4.28	0.37	0
AZ665	BPI	Borrow pit	0.06	0.14	0.38	2.97	0.74	0
AZ665	Ca	Cave gravelly loam	0.07	0.2	0.39	13.76	0.33	0
AZ665	Cc	Cogswell clay loam	0.21	0.35	0.46	15.17	0.06	0
AZ665	Ce	Cogswell clay loam, alkali	0.21	0.35	0.46	15.17	0.06	0
AZ665	Cg	Cogswell clay	0.3	0.42	0.5	13.14	0.02	0
AZ665	CmA	Comoro sandy loam, 0 to 2 percent slopes	0.08	0.18	0.42	4.06	0.71	0
AZ665	CnA	Comoro gravelly sandy loam, 0 to 2 percent slopes	0.08	0.18	0.42	4.06	0.55	0
AZ665	CnC	Comoro gravelly sandy loam, 5 to 10 percent slopes	0.08	0.18	0.42	4.06	0.55	0
AZ665	Co	Comoro sandy loam, alkali variant	0.08	0.18	0.42	4.06	0.71	0
AZ665	Cs	Cowan sandy loam	0.08	0.18	0.42	4.06	0.71	0
AZ665	Ct	Crot sandy loam	0.09	0.18	0.4	4.97	0.53	0
AZ665	Dr	Dry Lake loamy sand	0.05	0.1	0.41	0.52	1.41	0
AZ665	Du	Duncan loam	0.13	0.26	0.41	14.57	0.2	0
AZ665	Dv	Duncan loam, shallow variant	0.15	0.28	0.42	15.76	0.14	0
AZ665	Ef	Elfrida silty clay loam	0.21	0.37	0.48	19.21	0.07	0
AZ665	FoA	Forrest loam, 0 to 2 percent slopes	0.15	0.28	0.42	15.76	0.14	0
AZ665	FrA	Forrest gravelly sandy clay loam, 0 to 2 percent slopes	0.18	0.29	0.43	10.39	0.1	0
AZ665	FrB	Forrest gravelly sandy clay loam, 2 to 5 percent slopes	0.16	0.25	0.41	5.83	0.16	0
AZ665	Fy	Frye sandy loam	0.06	0.16	0.4	6.66	0.69	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ665	Go	Gothard fine sandy loam	0.07	0.16	0.4	5.39	0.7	0
AZ665	GPI	Gravel pit	0.02	0.06	0.41	0.29	2	0
AZ665	Gr	Grabe sandy loam	0.1	0.19	0.42	4.26	0.53	0
AZ665	Gs	Grabe loam	0.1	0.24	0.43	11.75	0.36	0
AZ665	Gt	Guest clay loam	0.21	0.35	0.44	16.65	0.05	0
AZ665	Gu	Guest clay	0.27	0.4	0.48	15.73	0.02	0
AZ665	Ka	Karro loam	0.15	0.29	0.44	14.01	0.17	0
AZ665	KbE	Kimbrough gravelly loam, 2 to 25 percent slopes	0.12	0.25	0.43	12.33	0.22	0
AZ665	KhE	Kimbrough very cobbly loam, shallow over bedrock variant, 15 to 30 percent slopes	0.12	0.25	0.43	12.33	0.2	0
AZ665	LuD	Luzena gravelly clay loam, 5 to 15 percent slopes	0.19	0.33	0.45	15.03	0.07	0
AZ665	LvE	Luzena very cobbly loam, very cobbly subsoil variant, 15 to 30 percent slopes	0.13	0.26	0.43	12.81	0.15	0
AZ665	Mc	McAllister loam	0.15	0.29	0.44	14.01	0.17	0
AZ665	Mk	McAllister loam, alkali	0.15	0.29	0.44	14.01	0.17	0
AZ665	Pm	Pima loam	0.16	0.32	0.46	17.46	0.16	0
AZ665	Pr	Pridham loam	0.11	0.25	0.47	7.65	0.57	0
AZ665	SnA	Sonoita sandy loam, 0 to 2 percent slopes	0.08	0.16	0.4	4.04	0.65	0
AZ665	SnB	Sonoita sandy loam, 2 to 5 percent slopes	0.08	0.16	0.4	4.04	0.65	0
AZ665	SoA	Sonoita gravelly sandy loam, 0 to 2 percent slopes	0.08	0.16	0.4	4.04	0.59	0
AZ665	St	Stewart loam	0.1	0.23	0.41	13.62	0.32	0
AZ665	To	Torrifluvents	0.02	0.08	0.42	0.31	2	0
AZ665	TrC	Torriorthents, hummocky	0.25	0.38	0.46	17.1	0.02	0
AZ665	TuA	Tubac sandy loam, 0 to 2 percent slopes	0.09	0.18	0.4	4.97	0.46	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ665	TvD	Tubac gravelly loam, 10 to 20 percent slopes	0.08	0.21	0.4	12.52	0.35	0
AZ665	TwA	Tubac sandy clay loam, 0 to 2 percent slopes	0.17	0.27	0.41	9.6	0.11	0
AZ665	Vn	Vinton loamy sand	0.03	0.09	0.41	0.95	1.65	0
AZ665	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ666	1	Agustin-Yturbide-Kokan complex, chihuahuan, 1 to 8 percent slopes	0.05	0.12	0.41	3.27	0.94	0
AZ666	2	Agustin-Yturbide-Kokan complex, sonoran, 1 to 8 percent slopes	0.05	0.12	0.41	3.27	0.94	0
AZ666	3	Anthony-Maricopa complex, 0 to 5 percent slopes	0.07	0.15	0.4	4.76	0.68	0
AZ666	4	Ashcreek silty clay loam, 0 to 5 percent slopes	0.25	0.4	0.51	16.95	0.06	0
AZ666	5	Blacktail-Murray complex, 1 to 40 percent slopes	0.28	0.41	0.49	13.07	0.03	0
AZ666	6	Blakeney family-Luckyhills complex, 3 to 15 percent slopes	0.07	0.15	0.4	4.05	0.69	0
AZ666	7	Bodecker-Riverwash complex, 0 to 3 percent slopes	0.03	0.08	0.41	0.18	1.46	0
AZ666	8	Borderline fine sandy loam, 2 to 15 percent slopes	0.08	0.2	0.39	14.35	0.32	0
AZ666	9	Brazito loamy sand, chihuahuan, 0 to 5 percent slopes	0.05	0.1	0.4	0.84	1.24	0
AZ666	10	Brazito loamy sand, sonoran, 0 to 5 percent slopes	0.05	0.1	0.4	0.84	1.24	0
AZ666	11	Brunkcow-Chiricahua-Andrada complex, 3 to 20 percent slopes	0.2	0.3	0.44	8.02	0.08	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ666	12	Budlamp-Rock outcrop complex, 5 to 70 percent slope	0.08	0.17	0.43	2.67	0.49	25
AZ666	13	Budlamp-Woodcutter-Rock outcrop complex, 15 to 60 percent slopes	0.09	0.18	0.43	2.84	0.48	20
AZ666	14	Calcigypsids-Contention-Redo complex, chihuahuan, 5 to 45 percent slopes	0.07	0.15	0.4	4.15	0.75	0
AZ666	15	Calcigypsids-Contention-Redo complex, sonoran, 5 to 45 percent slopes	0.07	0.15	0.4	4.15	0.75	0
AZ666	16	Carbine-Hathaway complex, 3 to 15 percent slopes	0.08	0.2	0.44	6.89	0.48	0
AZ666	17	Cascabel, quiburi soils, and riverwash, chihuahuan, 0 to 5 percent slopes	0.06	0.17	0.39	7.73	0.61	0
AZ666	18	Cascabel, quiburi soils, and riverwash, sonoran, 0 to 5 percent slopes	0.06	0.17	0.39	7.73	0.61	0
AZ666	19	Cascabel, Quiburi, and Typic Fluvaquents soils and water, chihuahuan, 0 to 5 percent slopes	0.06	0.14	0.42	4.98	0.82	25
AZ666	20	Cascabel, Quiburi, and Typic Fluvaquents soils and water, sonoran, 0 to 5 percent slopes	0.06	0.14	0.42	4.98	0.82	25
AZ666	21	Phantom silty clay loam, 0 to 5 percent slopes	0.2	0.36	0.49	18.55	0.1	0
AZ666	22	Cherrycow cobbly clay loam, 5 to 45 percent slopes	0.29	0.41	0.5	13	0.03	0
AZ666	23	Cherrycow-Rock outcrop complex, 5 to 45 percent slopes	0.15	0.28	0.45	12.46	0.13	20
AZ666	24	Cherrycow-Slaughter family complex, 5 to 25 percent slopes	0.22	0.33	0.48	5.8	0.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ666	25	Combate sandy loam, 0 to 5 percent slopes	0.07	0.16	0.42	3.24	0.87	0
AZ666	26	Combate-Baboquivari complex, 0 to 3 percent slopes	0.11	0.2	0.42	4.8	0.42	0
AZ666	27	Contention and Monzingo soils, 5 to 60 percent slopes	0.09	0.21	0.41	8.36	0.37	0
AZ666	28	Contention gravelly silt loam, 5 to 60 percent slopes	0.13	0.29	0.42	23.35	0.11	0
AZ666	29	Contention silt loam, 2 to 5 percent slopes	0.11	0.27	0.42	22.14	0.18	0
AZ666	30	Contention silty clay loam, saline, 0 to 2 percent slopes	0.21	0.37	0.47	21.88	0.05	0
AZ666	31	Contention-Ugyp complex, 0 to 5 percent slopes	0.1	0.21	0.41	9.6	0.36	0
AZ666	32	Contention-Whitecliff complex, eroded, 0 to 5 percent slopes	0.21	0.34	0.44	16.29	0.05	0
AZ666	33	Courthouse-Perilla complex, 3 to 30 percent slopes	0.08	0.16	0.39	4.83	0.48	0
AZ666	34	Courtland-Diaspar complex, 0 to 3 percent slopes	0.09	0.18	0.41	4.47	0.54	0
AZ666	35	Courtland-Sasabe-Diaspar complex, 1 to 8 percent slopes	0.03	0.09	0.44	0.93	1.89	0
AZ666	36	Deloro-Andrada complex, 5 to 35 percent slopes	0.19	0.3	0.42	9.87	0.04	0
AZ666	37	Denied access	0.3	0.42	0.48	11.42	0.01	0
AZ666	38	Durazo coarse sand, 1 to 5 percent slopes	0.01	0.05	0.42	2.68	2	0
AZ666	39	Eloma-Caralampi-White House complex, 1 to 15 percent slopes	0.2	0.33	0.44	13.83	0.05	0
AZ666	40	Gila-Glendale complex, chihuahuan, 0 to 2 percent slopes	0.07	0.16	0.4	4.88	0.79	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ666	41	Gila-Glendale complex, sonoran, 0 to 2 percent slopes	0.07	0.16	0.4	4.88	0.79	0
AZ666	42	Glendale silty clay loam, 0 to 1 percent slopes	0.19	0.37	0.47	28.45	0.06	0
AZ666	43	Glendale-Hantz complex, chihuahuan, 0 to 3 percent slopes	0.16	0.3	0.42	17.44	0.1	0
AZ666	44	Glendale-Hantz complex, sonoran, 0 to 3 percent slopes	0.16	0.3	0.42	17.44	0.1	0
AZ666	45	Graham-Lampshire-Rock outcrop complex, 5 to 60 percent slopes	0.23	0.34	0.46	8.82	0.05	20
AZ666	46	Grizzle-Rock outcrop complex, 10 to 50 percent slopes	0.12	0.25	0.4	15.77	0.18	30
AZ666	47	Guest silty clay, 0 to 5 percent slopes	0.26	0.41	0.5	19.24	0.04	0
AZ666	48	Hantz complex, chihuahuan, 0 to 2 percent slopes	0.3	0.42	0.5	14.18	0.02	0
AZ666	49	Hantz complex, sonoran, 0 to 2 percent slopes	0.3	0.42	0.5	14.18	0.02	0
AZ666	50	Hantz silt loam, saline-sodic, 0 to 3 percent slopes	0.14	0.3	0.41	25.45	0.09	0
AZ666	51	Kahn silt loam, 0 to 5 percent slopes	0.16	0.32	0.45	24.1	0.1	0
AZ666	52	Keysto-Riverwash complex, 1 to 5 percent slopes	0.05	0.14	0.43	2.26	0.94	0
AZ666	53	Kuykendall-Cherrycow-Rock outcrop complex, 5 to 60 percent slopes	0.24	0.36	0.46	10.9	0.04	15
AZ666	54	Lanque sandy loam, 0 to 5 percent slopes	0.09	0.18	0.43	3.06	0.78	0
AZ666	55	Libby-Gulch complex, 0 to 10 percent slopes	0.08	0.16	0.4	4.46	0.64	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ666	56	Luckyhills-McNeal complex, 5 to 20 percent slopes	0.12	0.24	0.41	11.65	0.23	0
AZ666	57	Mabray-Rock outcrop complex, 5 to 70 percent slopes	0.13	0.26	0.42	13.51	0.16	25
AZ666	58	Magoffin-Budlamp-Rock outcrop complex, 5 to 70 percent slopes	0.11	0.25	0.44	10.48	0.3	20
AZ666	59	Mallet-Hooks complex, 0 to 8 percent slopes	0.08	0.18	0.4	6.36	0.47	0
AZ666	60	Mined land	0.3	0.42	0.48	11.42	0.01	0
AZ666	61	Mule-Paisano complex, 5 to 45 percent slopes	0.11	0.25	0.42	12.69	0.17	0
AZ666	62	Nolam-Stronghold complex, 5 to 30 percent slopes	0.13	0.25	0.42	9.06	0.15	0
AZ666	63	Oxyaquic Torrifluvents and Water, 0 to 5 percent slopes	0.02	0.06	0.41	0.02	1.13	50
AZ666	64	Pedregosa-Tombstone complex, 5 to 45 percent slopes	0.09	0.22	0.4	13.72	0.18	0
AZ666	65	Queencreek-Riverwash complex, chihuahuan, 0 to 5 percent slopes	0.02	0.07	0.41	3.07	1.71	0
AZ666	66	Queencreek-Riverwash complex, sonoran, 0 to 5 percent slopes	0.02	0.07	0.41	3.07	1.71	0
AZ666	67	Rafter-Riverwash complex, 0 to 5 percent slopes	0.06	0.18	0.42	8.16	0.58	0
AZ666	68	Redington-Ripsey-Rock outcrop association, 15 to 70 percent slopes	0.06	0.13	0.42	0.82	0.99	15
AZ666	69	Romero-Nodman-Rock outcrop complex, 5 to 60 percent slopes	0.12	0.21	0.4	6.3	0.17	15
AZ666	70	Romero-Oracle-Rock outcrop complex, 5 to 20 percent slopes	0.12	0.21	0.41	5.33	0.32	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ666	71	Romero-Rock outcrop complex, 5 to 60 percent slopes	0.08	0.16	0.41	3.8	0.43	20
AZ666	72	Sasabe sandy loam, 1 to 5 percent slopes	0.13	0.26	0.41	15.12	0.17	0
AZ666	73	Sasabe-Courtland complex, 1 to 8 percent slopes	0.05	0.13	0.4	3.42	1.08	0
AZ666	74	Schrap-Rock outcrop complex, 5 to 65 percent slopes	0.13	0.26	0.41	14.57	0.11	20
AZ666	75	Stagecoach-Pinaleno complex, chihuahuan, 15 to 60 percent slopes	0.12	0.2	0.39	6.39	0.18	0
AZ666	76	Stagecoach-Pinaleno complex, sonoran, 15 to 60 percent slopes	0.12	0.2	0.39	6.39	0.18	0
AZ666	77	Stagecoach-Whitlock-Delnorte complex, chihuahuan, 5 to 20 percent slopes	0.06	0.14	0.4	4.02	0.56	0
AZ666	78	Stagecoach-Whitlock-Delnorte complex, sonoran, 5 to 20 percent slopes	0.06	0.14	0.4	4.02	0.56	0
AZ666	79	Stronghold-McAllister-Elgin complex, 5 to 25 percent slopes	0.12	0.21	0.43	5.04	0.37	0
AZ666	80	Surge-Rock outcrop complex, 5 to 60 percent slopes	0.16	0.26	0.4	9.11	0.12	25
AZ666	81	Tenneco loam, 0 to 5 percent slopes	0.16	0.29	0.43	15.53	0.13	0
AZ666	82	Terrarossa-Blacktail complex, 5 to 25 percent slopes	0.33	0.45	0.52	10.77	0.02	0
AZ666	83	Tombstone-Stronghold complex, 5 to 30 percent slopes	0.08	0.16	0.44	2.45	0.6	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ666	84	Vinton-Gila complex, chihuahuan, 0 to 3 percent slopes	0.06	0.15	0.39	4.23	0.79	0
AZ666	85	Vinton-Gila complex, sonoran, 0 to 3 percent slopes	0.06	0.15	0.39	4.23	0.79	0
AZ666	86	Wikieup family-Anklam complex, 10 to 45 percent slopes	0.09	0.17	0.4	5.18	0.29	0
AZ666	87	Yana gravelly loamy sand, 0 to 5 percent slopes	0.07	0.15	0.39	4.71	0.59	0
AZ666	88	Yana-Bucklebar complex, 1 to 10 percent slopes	0.07	0.15	0.39	4.24	0.57	0
AZ666	89	Yarbam-Rock outcrop complex, 15 to 65 percent slopes	0.11	0.24	0.42	12.41	0.18	25
AZ667	An	Anthony soils	0.09	0.17	0.4	4.56	0.57	0
AZ667	Ao	Anthony soils, very gravelly variants	0.07	0.15	0.4	3.64	0.7	0
AZ667	AtF	Atascosa very gravelly sandy loam, 30 to 50 percent slopes	0.18	0.28	0.41	9.37	0.08	0
AZ667	BaE	Barkerville-Gaddes complex, 10 to 30 percent slopes	0.06	0.14	0.42	2.69	0.88	0
AZ667	BgF	Barkerville-Gaddes association, steep	0.06	0.14	0.42	2.62	0.9	15
AZ667	BhD	Bernardino-Hathaway association, rolling	0.16	0.28	0.44	9.97	0.1	0
AZ667	BoB	Bonita clay, 0 to 5 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ667	Ca	Calciorthids-Haplargids association	0.22	0.35	0.45	13	0.04	0
AZ667	CbD	Canelo gravelly sandy loam, 0 to 20 percent slopes	0.07	0.16	0.42	3.51	0.75	0
AZ667	CdE	Canelo very gravelly sandy loam, 20 to 40 percent slopes	0.06	0.15	0.4	4.06	0.53	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ667	CeD	Canelo cobbly sandy loam, 0 to 20 percent slopes	0.05	0.13	0.42	2.18	0.98	0
AZ667	CgE	Caralampi gravelly sandy loam, 10 to 40 percent slopes	0.17	0.27	0.41	9.6	0.08	0
AZ667	CgF2	Caralampi gravelly sandy loam, 10 to 60 percent slopes, eroded	0.17	0.27	0.41	9.6	0.08	0
AZ667	ClB	Caralampi gravelly loam, brown variant, 1 to 5 percent slopes	0.16	0.3	0.44	14.36	0.12	0
AZ667	CmE	Casto very gravelly sandy loam, 10 to 40 percent slopes	0.07	0.16	0.42	3.51	0.52	0
AZ667	Cn	Cave gravelly sandy loam	0.07	0.16	0.4	4.28	0.54	0
AZ667	CoE	Chiricahua cobbly sandy loam, 10 to 45 percent slopes	0.05	0.13	0.42	2.18	0.98	0
AZ667	CrD	Chiricahua-Lampshire association, rolling	0.06	0.16	0.42	3.4	0.64	0
AZ667	CsC	Comoro sandy loam, 5 to 10 percent slopes	0.07	0.16	0.41	4.2	0.78	0
AZ667	CtB	Comoro soils, 0 to 5 percent slopes	0.07	0.16	0.4	4.41	0.7	0
AZ667	CuC	Continental soils, 1 to 10 percent slopes	0.12	0.22	0.41	6.55	0.24	0
AZ667	CvE2	Continental-Rillino complex, 1 to 40 percent slopes, eroded	0.07	0.17	0.4	5.76	0.53	0
AZ667	EbC	Eba very gravelly sandy loam, 0 to 10 percent slopes	0.3	0.42	0.49	14.63	0.01	0
AZ667	FaD	Fanno-Luzena association, rolling	0.24	0.37	0.47	14.5	0.04	0
AZ667	FcF	Fanno soils, acid variants, 20 to 50 percent slopes	0.15	0.29	0.43	14.59	0.1	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ667	FrE	Faraway-Rock outcrop complex, 10 to 30 percent slopes	0.08	0.17	0.44	2.5	0.63	25
AZ667	FrF	Faraway-rock outcrop complex, 30 to 60 percent slopes	0.08	0.17	0.44	2.5	0.63	30
AZ667	FtF	Faraway-Tortugas-Rock outcrop association, steep	0.1	0.21	0.43	4.93	0.36	25
AZ667	GaE	Gaddes very gravelly sandy loam, 5 to 30 percent slopes	0.08	0.17	0.41	4.07	0.72	0
AZ667	GbB	Grabe-Comoro complex, 0 to 5 percent slopes	0.07	0.16	0.41	4.2	0.78	0
AZ667	Ge	Grabe soils	0.08	0.19	0.41	7.42	0.5	0
AZ667	GhD	Graham soils, 5 to 20 percent slopes	0.28	0.42	0.49	14.99	0.02	0
AZ667	GhF	Graham soils, 20 to 50 percent slopes	0.28	0.42	0.49	14.99	0.02	0
AZ667	Gu	Guest soils	0.18	0.31	0.45	13.34	0.1	0
AZ667	HaF	Hathaway gravelly sandy loam, 20 to 50 percent slopes	0.07	0.16	0.42	3.51	0.75	0
AZ667	HhE2	Hathaway soils, 1 to 40 percent slopes, eroded	0.07	0.16	0.42	3.38	0.65	0
AZ667	HoF	Hogris-Telephone association, steep	0.11	0.21	0.42	5.84	0.28	0
AZ667	HtF	Hogris-Telephone-Rock outcrop association, very steep	0.11	0.21	0.42	5.98	0.27	20
AZ667	KbC	Kimbrough soils, 2 to 10 percent slopes	0.07	0.2	0.4	12.41	0.35	0
AZ667	LaE	Lampshire very gravelly sandy loam, 0 to 25 percent slopes	0.07	0.16	0.42	3.24	0.57	0
AZ667	LaF	Lampshire very gravelly sandy loam, 25 to 50 percent slopes	0.07	0.16	0.42	3.24	0.57	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ667	LcF	Lampshire-Chiricahua association, steep	0.11	0.22	0.43	7.61	0.27	0
AZ667	LgF	Lampshire-Graham-Rock outcrop association, steep	0.2	0.33	0.46	13.77	0.06	30
AZ667	LuD	Luzena gravelly loam, deep variant, 5 to 20 percent slopes	0.21	0.34	0.44	16.5	0.04	0
AZ667	McF	Mabray-Chiricahua-Rock outcrop association, steep	0.09	0.2	0.43	5.29	0.4	30
AZ667	Mg	Martinez gravelly loam	0.21	0.35	0.46	15.17	0.06	0
AZ667	Pm	Pima soils	0.17	0.34	0.46	23.19	0.08	0
AZ667	Pn	Pima clay loam, sandy clay loam subsoil variant	0.21	0.35	0.46	15.17	0.06	0
AZ667	PoC	Pinalino gravelly sandy loam, 0 to 10 percent slopes	0.06	0.14	0.39	4.6	0.66	0
AZ667	RlE2	Rillino soils, 8 to 40 percent slopes, eroded	0.07	0.18	0.4	7.26	0.44	0
AZ667	Rn	Rock outcrop-Lithic Haplustolls association	0.17	0.27	0.41	9.6	0.09	50
AZ667	Rr	Rock outcrop	0.3	0.42	0.48	11.42	0.01	90
AZ667	ScD	Schrap very shaly clay loam, 5 to 20 percent slopes	0.17	0.31	0.42	18.12	0.05	0
AZ667	ShF	Schrap cobbly clay loam, 20 to 50 percent slopes	0.2	0.33	0.44	16.48	0.05	0
AZ667	SnD	Signal soils, 1 to 20 percent slopes	0.25	0.39	0.47	14.98	0.03	0
AZ667	SoB	Sonoita gravelly sandy loam, 1 to 8 percent slopes	0.06	0.15	0.4	4.06	0.7	0
AZ667	SoD	Sonoita gravelly sandy loam, 8 to 20 percent slopes	0.06	0.15	0.4	4.06	0.7	0
AZ667	Th	Torrifluvents and haplustolls	0.11	0.21	0.45	2	0.49	0
AZ667	TrE	Tortugas-Rock outcrop complex, 5 to 25 percent slopes	0.13	0.26	0.43	12.81	0.16	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ667	TrF	Tortugas-Rock outcrop complex, 25 to 60 percent slopes	0.13	0.26	0.43	12.81	0.16	40
AZ667	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ667	WgC	White House gravelly loam, 0 to 10 percent slopes	0.16	0.3	0.44	14.36	0.12	0
AZ667	WgE	White House gravelly loam, 10 to 35 percent slopes	0.16	0.3	0.44	14.36	0.12	0
AZ667	WhC	White House cobbly sandy loam, 1 to 15 percent slopes	0.05	0.14	0.42	2.57	0.88	0
AZ667	WnC	White House-Bonita complex, 0 to 10 percent slopes	0.19	0.33	0.45	14.78	0.07	0
AZ667	WoE	White House-Caralampi complex, 10 to 35 percent slopes	0.12	0.22	0.41	5.81	0.24	0
AZ667	WtF	White house-hathaway association, steep	0.12	0.24	0.43	8.18	0.25	0
AZ668	Ag	Agua very fine sandy loam	0.1	0.19	0.4	6.93	0.41	0
AZ668	AhA	Anthony sandy loam, 0 to 1 percent slopes	0.07	0.16	0.4	4.28	0.65	0
AZ668	AhB	Anthony sandy loam, 1 to 3 percent slopes	0.07	0.16	0.4	4.28	0.65	0
AZ668	AnA	Anthony gravelly sandy loam, 0 to 1 percent slopes	0.07	0.16	0.4	4.28	0.57	0
AZ668	AnB	Anthony gravelly sandy loam,1 to 3 percent slopes	0.07	0.16	0.4	4.28	0.57	0
AZ668	Ao	Anthony loam	0.08	0.21	0.4	13.15	0.37	0
AZ668	ApB	Anthony soils, 0 to 3 percent slopes	0.07	0.16	0.4	4.28	0.61	0
AZ668	AsB	Anthony and Sonoita soils, 0 to 5 percent slopes	0.08	0.17	0.39	4.97	0.54	0
AZ668	At	Anway sandy loam	0.08	0.16	0.4	4.04	0.67	0
AZ668	Au	Anway loam	0.14	0.27	0.42	15.43	0.16	0
AZ668	Aw	Anway silty clay loam	0.21	0.36	0.46	21.67	0.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ668	Az	Arizo gravelly sandy loam	0.05	0.13	0.39	3.77	0.78	0
AZ668	Br	Brazito loamy sand	0.04	0.1	0.4	0.74	1.27	0
AZ668	BsB	Brazito gravelly loamy sand, 1 to 3 percent slopes	0.04	0.1	0.4	0.74	1.13	0
AZ668	Bt	Brazito sandy loam	0.05	0.13	0.39	3.77	0.92	0
AZ668	CaB	Cave gravelly loam, 0 to 5 percent slopes	0.11	0.24	0.41	14.13	0.21	0
AZ668	ClC	Cave-Rillito complex, 0 to 8 percent slopes	0.1	0.23	0.4	14	0.24	0
AZ668	Cm	Comoro sandy loam	0.07	0.15	0.39	4.52	0.62	0
AZ668	CnB	Comoro gravelly sandy loam, 1 to 3 percent slopes	0.08	0.17	0.42	3.32	0.64	0
AZ668	Co	Comoro loam	0.11	0.23	0.39	15.38	0.23	0
AZ668	CsA	Cowan loamy sand, 0 to 1 percent slopes	0.04	0.1	0.4	0.74	1.38	0
AZ668	CsB	Cowan loamy sand, 1 to 3 percent slopes	0.04	0.1	0.4	0.74	1.38	0
AZ668	Ct	Cowan sandy loam	0.07	0.15	0.39	4.52	0.62	0
AZ668	CvB	Cowan-Valencia complex, 0 to 5 percent slopes	0.05	0.11	0.4	1.22	1.1	0
AZ668	Es	Estrella loam	0.11	0.23	0.39	15.38	0.23	0
AZ668	Ga	Gila sandy loam	0.08	0.16	0.4	4.04	0.67	0
AZ668	GbA	Gila loam, 0 to 1 percent slopes	0.11	0.23	0.39	15.38	0.23	0
AZ668	GbB	Gila loam, 1 to 3 percent slopes	0.08	0.21	0.4	12.52	0.4	0
AZ668	Gc	Gila silty clay loam	0.21	0.37	0.49	17.61	0.09	0
AZ668	Gd	Glendale loam	0.11	0.24	0.4	16.5	0.22	0
AZ668	Ge	Glendale silty clay loam	0.21	0.38	0.51	20.15	0.1	0
AZ668	Ge3	Glendale silty clay loam, severely eroded	0.21	0.38	0.51	20.15	0.1	0
AZ668	GgB	Grabe gravelly sandy loam, 1 to 3 percent slopes	0.07	0.16	0.4	4.28	0.57	0
AZ668	Gh	Grabe loam	0.11	0.23	0.39	15.38	0.23	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ668	GkA	Grabe gravelly loam, 0 to 1 percent slopes	0.11	0.24	0.4	14.76	0.2	0
AZ668	GkB	Grabe gravelly loam, 1 to 3 percent slopes	0.11	0.24	0.4	14.76	0.2	0
AZ668	Gm	Grabe silty clay loam	0.21	0.37	0.49	17.61	0.09	0
AZ668	GoB	Grabe soils, 0 to 3 percent slopes	0.16	0.3	0.44	16.46	0.14	0
AZ668	Gr	Gravelly alluvial land	0.04	0.09	0.4	0.88	0.98	0
AZ668	Gu	Gullied land	0.15	0.28	0.41	16.35	0.13	0
AZ668	LaA	Laveen sandy loam, 0 to 1 percent slopes	0.08	0.16	0.4	4.04	0.67	0
AZ668	LaB	Laveen sandy loam, 1 to 3 percent slopes	0.08	0.16	0.4	4.04	0.67	0
AZ668	LdB	Laveen gravelly sandy loam, 1 to 3 percent slopes	0.07	0.16	0.4	4.28	0.57	0
AZ668	LeA	Laveen loam, 0 to 1 percent slopes	0.11	0.23	0.39	15.38	0.23	0
AZ668	LeB	Laveen loam, 1 to 3 percent slopes	0.11	0.23	0.39	15.38	0.23	0
AZ668	LmB	Laveen complex, 0 to 5 percent slopes	0.08	0.16	0.4	4.16	0.62	0
AZ668	LrB	Laveen-Rillito complex, 0 to 3 percent slopes	0.09	0.18	0.4	6.16	0.48	0
AZ668	LsB	Laveen gravelly sandy loam, heavy variant, 1 to 3 percent slopes	0.07	0.15	0.38	4.76	0.53	0
AZ668	MdA	Mohave sandy loam, 0 to 1 percent slopes	0.08	0.16	0.4	4.04	0.67	0
AZ668	MdB	Mohave sandy loam, 1 to 3 percent slopes	0.2	0.34	0.43	17.5	0.04	0
AZ668	MhA	Mohave loam, 0 to 1 percent slopes	0.2	0.34	0.43	17.5	0.04	0
AZ668	MhB	Mohave loam, 1 to 3 percent slopes	0.2	0.34	0.43	17.5	0.04	0
AZ668	Mo	Mohave clay loam	0.2	0.34	0.43	17.5	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ668	MtB	Mohave-Tres Hermanos complex, 0 to 3 percent slopes	0.16	0.29	0.42	16.24	0.08	0
AZ668	PaB	Palos Verdes-Sonoita complex, 0 to 5 percent slopes	0.13	0.22	0.39	7.39	0.2	0
AZ668	Pm	Pima silty clay loam	0.21	0.38	0.51	20.15	0.1	0
AZ668	PnB	Pinaleno gravelly sandy loam, 1 to 5 percent slopes	0.13	0.23	0.4	7.78	0.15	0
AZ668	RdB	Rillito sandy loam, 1 to 3 percent slopes	0.08	0.16	0.4	4.04	0.67	0
AZ668	ReC	Rillito gravelly sandy loam, 0 to 8 percent slopes	0.07	0.16	0.4	4.28	0.57	0
AZ668	RtB	Rillito-Tres Hermanos complex, 1 to 5 percent slopes	0.08	0.18	0.4	5.83	0.46	0
AZ668	Ru	Riverwash	0.02	0.06	0.41	0.03	1.85	0
AZ668	Rv	Rock land	0.11	0.2	0.4	6.2	0.28	0
AZ668	Rw	Rough broken land	0.12	0.21	0.4	6.31	0.27	0
AZ668	RxD	Rough broken land-Palos Verdes complex, 0 to 60 percent slopes	0.13	0.23	0.4	7.63	0.18	0
AZ668	SmA	Sonoita sandy loam, 0 to 1 percent slopes	0.08	0.16	0.4	4.04	0.67	0
AZ668	SmB	Sonoita sandy loam, 1 to 3 percent slopes	0.11	0.19	0.39	5.4	0.36	0
AZ668	Sn	Sonoita loam	0.11	0.23	0.39	15.38	0.23	0
AZ668	So	Sonoita sandy clay loam	0.15	0.23	0.39	5.93	0.17	0
AZ668	Sr	Sonoita silty clay loam	0.21	0.37	0.49	17.61	0.09	0
AZ668	StB	Sonoita-Tubac complex, 1 to 3 percent slopes	0.07	0.16	0.4	4.25	0.65	0
AZ668	ThB	Tres Hermanos gravelly loam, 1 to 3 percent slopes	0.11	0.24	0.4	14.76	0.2	0
AZ668	TmB	Tres Hermanos-Mohave complex, 0 to 3 percent slopes	0.14	0.28	0.41	15.77	0.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ668	Tr	Trix silty clay loam	0.21	0.36	0.46	21.49	0.05	0
AZ668	Ts3	Trix-Estrella complex, severely eroded	0.18	0.33	0.45	19.59	0.08	0
AZ668	TtA	Tubac sandy loam, 0 to 1 percent slopes	0.07	0.15	0.39	4.52	0.62	0
AZ668	TtB	Tubac sandy loam, 1 to 3 percent slopes	0.07	0.15	0.39	4.52	0.62	0
AZ668	TuA	Tubac sandy clay loam, 0 to 1 percent slopes	0.15	0.23	0.39	5.93	0.17	0
AZ668	TuB	Tubac sandy clay loam, 1 to 3 percent slopes	0.15	0.23	0.39	5.93	0.17	0
AZ668	Tv2	Tubac clay, eroded	0.3	0.43	0.49	15	0.01	0
AZ668	TwB	Tubac-Tres Hermanos gravelly loams, 0 to 3 percent slopes	0.11	0.24	0.4	15.1	0.19	0
AZ668	TxB	Tubac complex, 0 to 5 percent slopes	0.09	0.17	0.39	5.45	0.43	0
AZ668	VaA	Valencia sandy loam, 0 to 1 percent slopes	0.07	0.15	0.39	4.52	0.62	0
AZ668	VaB	Valencia sandy loam, 1 to 3 percent slopes	0.07	0.15	0.39	4.52	0.62	0
AZ668	VcB	Valencia-Anthony sandy loams, 1 to 5 percent slopes	0.07	0.15	0.39	4.41	0.6	0
AZ668	VgB	Valencia-Gravelly alluvial land complex, 1 to 5 percent slopes	0.08	0.14	0.39	2.57	0.57	0
AZ668	VnB	Valencia-Sonoita sandy loams, 1 to 5 percent slopes	0.09	0.17	0.39	4.89	0.49	0
AZ668	Vo	Vekol silty clay loam	0.21	0.36	0.46	21.49	0.05	0
AZ668	VsA	Vinton loamy sand, 0 to 1 percent slopes	0.04	0.1	0.4	0.87	1.29	0
AZ668	VsB	Vinton loamy sand, 1 to 3 percent slopes	0.04	0.1	0.4	0.87	1.29	0
AZ668	Vt	Vinton sandy loam	0.07	0.15	0.39	4.52	0.62	0
AZ668	Vu	Vinton-anthony sandy loams	0.07	0.15	0.39	4.52	0.62	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ669	1	Altar-Sasabe complex, 1 to 8 percent slopes	0.12	0.21	0.4	6.56	0.23	0
AZ669	2	Anklam-Cellar-Rock outcrop complex, 15 to 55 percent slopes	0.14	0.26	0.42	10.03	0.1	20
AZ669	3	Anthony fine sandy loam, 0 to 3 percent slopes	0.08	0.15	0.4	3.27	0.71	0
AZ669	4	Arivaca very cobbly loam, 2 to 15 percent slopes	0.21	0.35	0.46	15.17	0.05	0
AZ669	5	Arizo-Riverwash complex, 0 to 3 percent slopes	0.04	0.11	0.41	0.97	1.08	0
AZ669	6	Bernardino-Tombstone association, 5 to 16 percent slopes	0.2	0.33	0.45	15.4	0.05	0
AZ669	7	Bernardino-White House complex, 1 to 15 percent slopes	0.26	0.39	0.47	15.48	0.02	0
AZ669	8	Bucklebar-Sahuarita complex, 0 to 3 percent slopes	0.09	0.17	0.4	4.38	0.47	0
AZ669	9	Caralampi very gravelly sandy loam, 5 to 15 percent slopes	0.19	0.32	0.42	17.71	0.04	0
AZ669	10	Caralampi extremely gravelly sandy loam, 15 to 45 percent slopes	0.19	0.32	0.42	17.71	0.04	0
AZ669	11	Cave soils and urban land, 0 to 8 percent slopes	0.07	0.16	0.39	3.67	0.56	0
AZ669	12	Cellar-Lampshire-Rock outcrop complex, 15 to 60 percent slopes	0.08	0.17	0.41	3.93	0.44	25
AZ669	13	Cellar-Lehmans complex, 5 to 25 percent slopes	0.11	0.2	0.4	5.63	0.22	0
AZ669	14	Cellar-Rock outcrop complex, 30 to 65 percent slopes	0.08	0.16	0.4	4.04	0.38	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ669	15	Chimenea-Cellar-Rock outcrop complex, 15 to 50 percent slopes	0.15	0.24	0.41	7.08	0.13	15
AZ669	16	Chimenea very gravelly fine sandy loam, 5 to 15 percent slopes	0.18	0.28	0.41	9.37	0.08	0
AZ669	17	Chiricahua-Lampshire complex, 5 to 15 percent slopes	0.2	0.34	0.46	14.03	0.07	0
AZ669	18	Combate gravelly loamy coarse sand, 2 to 8 percent slopes	0.05	0.11	0.45	3.6	1.34	0
AZ669	19	Comoro sandy loam, 0 to 2 percent slopes	0.05	0.14	0.44	1.39	1.37	0
AZ669	20	Cortaro-Rock outcrop-Faraway complex, 15 to 45 percent slopes	0.09	0.18	0.4	4.5	0.31	20
AZ669	21	Dateland-Denure association, 1 to 3 percent slopes	0.06	0.14	0.39	3.71	0.75	0
AZ669	22	Delnorte-Stagecoach complex, 1 to 20 percent slopes	0.07	0.15	0.4	3.9	0.45	0
AZ669	23	Deloro-Andrada complex, 5 to 35 percent slopes	0.19	0.33	0.45	14.75	0.05	0
AZ669	24	Deloro-Rock outcrop complex, 15 to 60 percent slopes	0.24	0.37	0.46	16.39	0.02	15
AZ669	25	Deloro-Schrap association, 1 to 8 percent slopes	0.21	0.34	0.44	16.17	0.03	0
AZ669	26	Denure gravelly sandy loam, 1 to 5 percent slopes	0.05	0.13	0.39	3.77	0.82	0
AZ669	27	Diaspar sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	4.56	0.45	0
AZ669	28	Far-Spudrock-Rock outcrop complex, 35 to 85 percent slopes	0.1	0.19	0.44	2.41	0.59	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ669	29	Glendale-Bucklebar complex, 0 to 3 percent slopes	0.11	0.25	0.42	13.32	0.21	0
AZ669	30	Glendale silt loam, 0 to 3 percent slopes	0.13	0.32	0.44	34.01	0.09	0
AZ669	31	Graham-Pantak complex, 2 to 15 percent slopes	0.26	0.39	0.48	13.21	0.03	0
AZ669	32	Graham-Pantak-Rock outcrop complex, 15 to 45 percent slopes	0.27	0.4	0.49	12.98	0.03	15
AZ669	33	Guest fine sandy loam, 0 to 1 percent slopes	0.06	0.15	0.44	1.75	1.12	0
AZ669	34	Hantz loam, 0 to 1 percent slopes	0.15	0.29	0.42	16.67	0.13	0
AZ669	35	Hayhook sandy loam, 1 to 5 percent slopes	0.08	0.16	0.4	4.04	0.71	0
AZ669	36	Hayhook-Sahuarita complex, 1 to 5 percent slopes	0.08	0.16	0.4	4.08	0.55	0
AZ669	37	Keysto extremely gravelly fine sandy loam, 2 to 8 percent slopes	0.1	0.24	0.44	10.03	0.26	0
AZ669	38	Lajitas-Delthorny-Rock outcrop complex, 25 to 60 percent slopes	0.08	0.19	0.4	8.58	0.29	15
AZ669	39	Lampshire-Pantak-Rock outcrop complex, 25 to 60 percent slopes	0.15	0.26	0.44	7.13	0.13	20
AZ669	40	Lampshire-Romero-Rock outcrop complex, 10 to 65 percent slopes	0.1	0.22	0.42	8.6	0.27	15
AZ669	41	Lehmans-Delthorny-Lajitas complex, 15 to 50 percent slopes	0.13	0.25	0.42	10.13	0.12	0
AZ669	42	Mabray-Deloro-Rock outcrop complex, 20 to 65 percent slopes	0.17	0.31	0.45	13.09	0.08	15
AZ669	43	Mohall gravelly fine sandy loam, 1 to 5 percent slopes	0.11	0.19	0.4	4.74	0.34	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ669	44	Mohall loam, 0 to 2 percent slopes	0.15	0.29	0.42	16.67	0.13	0
AZ669	45	Mohall-Pahaka complex, 1 to 3 percent slopes	0.07	0.15	0.4	4.09	0.68	0
AZ669	46	Mohall-Trix complex, 0 to 1 percent slopes	0.08	0.17	0.4	4.73	0.62	0
AZ669	47	Mohave soils and urban land, 1 to 8 percent slopes	0.1	0.21	0.4	6.84	0.32	0
AZ669	48	Nahda-Pinaleno complex, 2 to 8 percent slopes	0.22	0.33	0.43	13.67	0.02	0
AZ669	49	Nahda-Stagecoach complex, 1 to 15 percent slopes	0.17	0.28	0.43	9.03	0.05	0
AZ669	50	Nahda very cobbly loam, 2 to 8 percent slopes	0.1	0.23	0.39	14.87	0.17	0
AZ669	51	Nolam-Tombstone complex, 8 to 30 percent slopes	0.15	0.27	0.42	11	0.11	0
AZ669	52	Oracle-Romero-Rock outcrop complex, 5 to 35 percent slopes	0.15	0.26	0.43	8.77	0.15	20
AZ669	53	Pahaka fine sandy loam, 1 to 5 percent slopes	0.07	0.15	0.39	4.52	0.68	0
AZ669	54	Palos Verdes-Jaynes complex, 2 to 8 percent slopes	0.07	0.15	0.4	4.27	0.6	0
AZ669	55	Palos Verdes-Sahuarita complex, 2 to 8 percent slopes	0.08	0.16	0.4	4.09	0.5	0
AZ669	56	Pantak-Deloro complex, 8 to 35 percent slopes	0.22	0.36	0.46	14.79	0.03	0
AZ669	57	Pantak-Rock outcrop complex, 25 to 50 percent slopes	0.22	0.35	0.46	14.2	0.04	20
AZ669	58	Pantano-Granolite complex, 5 to 25 percent slopes	0.19	0.31	0.42	13.73	0.03	0
AZ669	59	Pantano-Rock outcrop complex, 25 to 60 percent slopes	0.14	0.27	0.41	16.28	0.08	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ669	60	Pinaleno-Stagecoach complex, 5 to 16 percent slopes	0.13	0.22	0.4	6.57	0.15	0
AZ669	61	Pinaleno-Stagecoach-Palos Verdes complex, 10 to 35 percent slopes	0.11	0.2	0.4	5.89	0.21	0
AZ669	62	Pinaleno very cobbly sandy loam, 1 to 8 percent slopes	0.17	0.27	0.4	10.06	0.06	0
AZ669	63	Pinamt-Momoli complex, 1 to 10 percent slopes	0.12	0.21	0.4	6.77	0.16	0
AZ669	64	Pits, dumps	0.14	0.22	0.45	1.01	0.17	0
AZ669	65	Powerline-Kimrose family complex, 10 to 35 percent slopes	0.1	0.21	0.43	6.28	0.3	0
AZ669	66	Redington very gravelly fine sand, 3 to 50 percent slopes	0.02	0.05	0.42	3	1.6	0
AZ669	67	Redo very gravelly sand, 15 to 50 percent slopes	0.03	0.06	0.43	3.57	1.35	0
AZ669	68	Riveroad and Comoro soils, 0 to 2 percent slopes	0.13	0.25	0.47	4.32	0.42	0
AZ669	69	Romero-Lampshire-Rock outcrop complex, 15 to 65 percent slopes	0.1	0.19	0.42	4.26	0.34	30
AZ669	70	Romero-Oracle complex, 25 to 60 percent slopes	0.13	0.24	0.43	7.23	0.18	0
AZ669	71	Saguaro-Rock outcrop complex, 15 to 45 percent slopes	0.07	0.15	0.39	4.52	0.36	30
AZ669	72	Sahuarita soils, mohave soils and urban land, 1 to 5 percent slopes	0.1	0.2	0.4	5.78	0.34	0
AZ669	73	Sasabe-Caralampi complex, 1 to 15 percent slopes	0.13	0.23	0.41	8.49	0.18	0
AZ669	74	Schrap very channery loam, 5 to 30 percent slopes	0.15	0.28	0.42	15.76	0.08	0
AZ669	75	Spudrock-Boriana complex, 10 to 35 percent slopes	0.09	0.18	0.44	2.85	0.5	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ669	76	Spudrock-Far-Rock outcrop complex, 25 to 65 percent slopes	0.1	0.18	0.44	2.68	0.5	15
AZ669	77	Spudrock-Lemmon complex, 15 to 45 percent slopes	0.11	0.22	0.43	5.92	0.27	0
AZ669	78	Stagecoach-Sahuarita association, 1 to 8 percent slopes	0.08	0.16	0.4	4.07	0.42	0
AZ669	79	Tombstone very gravelly loam, 15 to 50 percent slopes	0.13	0.26	0.43	12.81	0.16	0
AZ669	80	Tubac complex, 0 to 2 percent slopes	0.12	0.25	0.4	15.77	0.16	0
AZ669	81	Tubac gravelly loam, 1 to 8 percent slopes	0.12	0.25	0.4	15.77	0.16	0
AZ669	82	Tubac sandy loam, 0 to 2 percent slopes	0.12	0.25	0.4	15.77	0.16	0
AZ669	83	Vecont clay loam, 0 to 1 percent slopes	0.21	0.35	0.44	16.65	0.05	0
AZ669	84	White House-Caralampi complex, 5 to 25 percent slopes	0.21	0.34	0.44	16.22	0.04	0
AZ669	85	White House gravelly loam, 1 to 8 percent slopes	0.29	0.41	0.49	13.79	0.02	0
AZ669	86	Yaqui fine sandy loam, 1 to 3 percent slopes	0.08	0.15	0.4	3.27	0.73	0
AZ669	87	Water	0.3	0.42	0.48	11.42	0.01	100
AZ671	1	Altar-Mallet complex, 0 to 8 percent slopes	0.06	0.15	0.41	3.82	0.88	0
AZ671	2	Anthony-Maricopa complex, 0 to 5 percent slopes	0.07	0.15	0.4	4.76	0.68	0
AZ671	3	Arizo family-Riverwash complex, 0 to 3 percent slopes	0.02	0.07	0.41	3.29	1.5	0
AZ671	4	Ashcreek-Stanford complex, 0 to 10 percent slopes	0.22	0.34	0.45	10.92	0.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	5	Baboquivari-Combate complex, 0 to 3 percent slopes	0.11	0.23	0.42	7.81	0.31	0
AZ671	6	Banshee complex, 0 to 5 percent slopes	0.07	0.16	0.42	3.51	0.84	0
AZ671	7	Bella fine sandy loam, 1 to 10 percent slopes	0.09	0.22	0.41	13.1	0.31	0
AZ671	8	Blakeney-Luckyhills complex, 3 to 15 percent slopes	0.07	0.16	0.39	5.02	0.59	0
AZ671	9	Bodecker and Comoro soils, 0 to 5 percent slopes	0.04	0.11	0.43	3.02	1.41	0
AZ671	10	Bodecker very gravelly sandy loam, 0 to 2 percent slopes	0.04	0.12	0.4	3.52	0.64	0
AZ671	11	Bodecker very gravelly sandy loam, saline-sodic, 0 to 2 percent slopes	0.04	0.12	0.4	3.52	0.64	0
AZ671	12	Bonita clay, 0 to 1 percent slopes	0.29	0.41	0.49	13.79	0.02	0
AZ671	13	Bonita-Forrest complex, 1 to 8 percent slopes	0.22	0.35	0.46	14.62	0.07	0
AZ671	14	Borderland sandy clay loam, 1 to 10 percent slopes	0.31	0.43	0.51	11.36	0.03	0
AZ671	15	Borderline fine sandy loam, 2 to 15 percent slopes	0.08	0.2	0.39	14.35	0.32	0
AZ671	16	Boss, Krentz, and Paramore soils, and rock outcrop, 15 to 55 percent slopes	0.25	0.38	0.48	13.86	0.03	25
AZ671	17	Brookline-Fluvaquents-Riverwash complex, 0 to 3 percent slopes	0.04	0.12	0.42	3.7	1.24	0
AZ671	18	Brunkcow-Chiricahua-Andrada complex, 3 to 20 percent slopes	0.13	0.22	0.42	5.53	0.28	0
AZ671	19	Brunkcow-Chiricahua-Lampshire complex, 15 to 60 percent slopes	0.14	0.24	0.43	6.83	0.2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	20	Budlamp-Woodcutter complex, 15 to 60 percent slopes	0.09	0.19	0.42	4.74	0.38	0
AZ671	21	Buntline clay loam, 0 to 2 percent slopes	0.19	0.32	0.43	17.17	0.06	0
AZ671	22	Caralampi sandy loam, 1 to 5 percent slopes	0.1	0.19	0.41	4.49	0.41	0
AZ671	23	Caralampi very gravelly sandy loam, 1 to 3 percent slopes	0.17	0.27	0.4	9.83	0.07	0
AZ671	24	Carbine very gravelly loam, 3 to 30 percent slopes	0.09	0.23	0.44	9.82	0.38	0
AZ671	25	Carbine-Hathaway complex, 3 to 45 percent slopes	0.09	0.23	0.44	9.9	0.41	0
AZ671	26	Cazador-Lesliecreek complex, 0 to 10 percent slopes	0.23	0.36	0.48	12.35	0.07	0
AZ671	27	Cherrycow-Blacktail complex, 3 to 30 percent slopes	0.26	0.39	0.48	13.48	0.03	0
AZ671	28	Cherrycow-Magoffin-Rock outcrop complex, 15 to 65 percent slopes	0.2	0.31	0.47	6.86	0.13	20
AZ671	29	Chorro-Doubleadobe-Gothard complex, 0 to 5 percent slopes	0.11	0.22	0.43	5.8	0.38	0
AZ671	30	Chorro-Guest complex, 0 to 3 percent slopes	0.18	0.33	0.45	17.44	0.1	0
AZ671	31	Cogswell clay, saline-sodic, 0 to 2 percent slopes	0.29	0.41	0.5	13	0.03	0
AZ671	32	Combate loamy sand, 0 to 5 percent slopes	0.04	0.09	0.42	0.34	1.55	0
AZ671	33	Comoro sandy loam, 0 to 2 percent slopes	0.06	0.15	0.43	2.69	1.11	0
AZ671	34	Comoro sandy loam, saline-sodic, 0 to 2 percent slopes	0.06	0.15	0.43	2.69	1.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	35	Contention, Crystalgyp, Monzingo, and Redington soils, breaks, 5 to 60 percent slopes	0.06	0.17	0.41	6.07	0.64	0
AZ671	36	Contention-Ugyp soils complex, 0 to 5 percent slopes	0.18	0.31	0.46	11.41	0.11	0
AZ671	37	Courtland sandy loam, 0 to 2 percent slopes	0.07	0.16	0.42	3.24	0.81	0
AZ671	38	Courtland sandy loam, saline-sodic, 0 to 2 percent slopes	0.07	0.16	0.42	3.24	0.81	0
AZ671	39	Courtland-Diaspar complex, 0 to 3 percent slopes	0.07	0.16	0.42	3.75	0.73	0
AZ671	40	Courtland-Sasabe-Diaspar complex, 1 to 8 percent slopes	0.09	0.18	0.41	4.75	0.5	0
AZ671	41	Crowbar-Brunopeak association, 1 to 40 percent slopes	0.15	0.25	0.42	6.85	0.16	0
AZ671	42	Deloro-Leyte-Lampshire complex, 3 to 55 percent slopes	0.19	0.3	0.43	9.58	0.06	0
AZ671	43	Denab-Castledome complex, 3 to 45 percent slopes	0.15	0.28	0.44	12.77	0.14	0
AZ671	44	Denied access	0.3	0.42	0.48	11.42	0.01	0
AZ671	45	Diaspar sandy loam, 0 to 2 percent slopes	0.08	0.17	0.4	4.9	0.6	0
AZ671	46	Diaspar sandy loam, saline-sodic, 0 to 2 percent slopes	0.08	0.17	0.4	4.9	0.6	0
AZ671	47	Dona Ana-Mohave complex, 1 to 5 percent slopes	0.18	0.3	0.42	13.74	0.08	0
AZ671	48	Doubleadobe sandy loam, 1 to 3 percent slopes	0.19	0.33	0.44	15.56	0.08	0
AZ671	49	Durazo loamy sand, 0 to 2 percent slopes	0.02	0.08	0.42	0.5	2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	50	Durazo loamy sand, saline-sodic, 0 to 2 percent slopes	0.02	0.08	0.42	0.5	2	0
AZ671	51	Durazo, saline-Sodic-Gothard complex, 1 to 15 percent slopes	0.05	0.14	0.42	1.54	1	0
AZ671	52	Durazo-Courtland complex, 1 to 5 percent slopes	0.04	0.12	0.42	1.3	1.41	0
AZ671	53	Durazo-McAllister complex, 1 to 15 percent slopes	0.05	0.14	0.42	1.54	1	0
AZ671	54	Elfrida clay loam, 0 to 2 percent slopes	0.19	0.33	0.45	15.03	0.09	0
AZ671	55	Elfrida clay loam, saline-sodic, 0 to 2 percent slopes	0.19	0.33	0.45	15.03	0.09	0
AZ671	56	Elgin-McAllister-Stronghold complex, 1 to 8 percent slopes	0.21	0.34	0.45	14.19	0.07	0
AZ671	57	Elgin-Outlaw complex, 1 to 10 percent slopes	0.25	0.36	0.46	9.6	0.05	0
AZ671	58	Elgin-Stronghold complex, 3 to 20 percent slopes	0.2	0.31	0.46	8.06	0.08	0
AZ671	59	Eloma sandy loam, 1 to 10 percent slopes	0.14	0.28	0.43	13.24	0.17	0
AZ671	60	Eloma-Caralampi-White House complex, 1 to 15 percent slopes	0.2	0.33	0.44	13.83	0.06	0
AZ671	61	Epitaph very cobbly clay loam, 3 to 15 percent slopes	0.29	0.41	0.49	13.79	0.02	0
AZ671	62	Far-Hogris association, 15 to 60 percent slopes	0.08	0.17	0.44	2.02	0.67	0
AZ671	63	Far-Huachuca-Hogris association, 15 to 70 percent slopes	0.09	0.21	0.44	6.02	0.35	0
AZ671	64	Far-Huachuca-Hogris association, moist, 15 to 70 percent slopes	0.09	0.21	0.44	6.02	0.35	0
AZ671	65	Forrest clay loam, 1 to 3 percent slopes	0.21	0.35	0.46	15.17	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	66	Forrest clay loam, saline-sodic, 1 to 3 percent slopes	0.21	0.35	0.46	15.17	0.06	0
AZ671	67	Forrest sandy loam, 1 to 3 percent slopes	0.08	0.18	0.42	4.06	0.69	0
AZ671	68	Forrest silt loam, 0 to 1 percent slopes	0.09	0.26	0.43	18.5	0.33	0
AZ671	69	Forrest silt loam, saline-sodic, 1 to 3 percent slopes	0.09	0.26	0.43	18.5	0.33	0
AZ671	70	Forrest-Bonita complex, 0 to 3 percent slopes	0.19	0.32	0.45	12.07	0.1	0
AZ671	71	Gardencan-Lanque complex, 0 to 5 percent slopes	0.09	0.17	0.42	3.81	0.61	0
AZ671	72	Glendale very fine sandy loam, 0 to 2 percent slopes	0.06	0.15	0.39	6.28	0.69	0
AZ671	73	Gothard loam, 1 to 3 percent slopes	0.12	0.25	0.43	12.33	0.28	0
AZ671	74	Gothard sandy loam, 0 to 2 percent slopes	0.07	0.16	0.42	3.51	0.89	0
AZ671	75	Graham-Lampshire complex, 8 to 60 percent slopes	0.23	0.36	0.47	13.68	0.04	0
AZ671	76	Graveyard-Sierravista complex, 0 to 8 percent slopes	0.07	0.16	0.4	5.75	0.62	0
AZ671	77	Grizzle coarse sandy loam, 3 to 8 percent slopes	0.19	0.32	0.43	17.52	0.05	0
AZ671	78	Guest silty clay loam, 0 to 1 percent slopes	0.21	0.37	0.48	19.21	0.06	0
AZ671	79	Guest silty clay loam, 0 to 3 percent slopes	0.19	0.35	0.45	22.19	0.06	0
AZ671	80	Guest silty clay loam, saline-sodic, 0 to 1 percent slopes	0.21	0.37	0.48	19.21	0.06	0
AZ671	81	Guest silty clay, 0 to 1 percent slopes	0.27	0.41	0.51	17.59	0.04	0
AZ671	82	Guest silty clay, saline-sodic, 0 to 1 percent slopes	0.25	0.4	0.5	19.72	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	83	Guest-Cogswell complex, saline-sodic, 0 to 1 percent slopes	0.25	0.39	0.48	16.29	0.03	0
AZ671	84	Guest-Riveroad association, 0 to 1 percent slopes	0.17	0.28	0.44	8.3	0.11	0
AZ671	85	Hantz silt loam, saline-sodic, 0 to 3 percent slopes	0.14	0.3	0.41	25.45	0.09	0
AZ671	86	Haplustolls-Fluvaquents association, mesic, 0 to 4 percent slopes	0.05	0.13	0.44	0.4	0.92	0
AZ671	87	Haplustolls-Fluvaquents association, thermic, 0 to 4 percent slopes	0.07	0.15	0.44	2.8	0.8	0
AZ671	88	Hayhollow-Rafter-Riverwash complex, 0 to 5 percent slopes	0.04	0.12	0.43	3.01	1.31	0
AZ671	89	Kaboom-Reeup complex, 0 to 45 percent slopes	0.19	0.33	0.43	17.63	0.05	0
AZ671	90	Kahn complex, 0 to 3 percent slopes	0.11	0.22	0.42	7.12	0.37	0
AZ671	91	Kahn-Zapolote complex, 1 to 15 percent slopes	0.2	0.33	0.43	17.1	0.05	0
AZ671	92	Karro loam, 1 to 3 percent slopes	0.12	0.25	0.43	12.33	0.29	0
AZ671	93	Karro loam, saline-sodic, 1 to 3 percent slopes	0.12	0.25	0.43	12.33	0.29	0
AZ671	94	Keysto-Riverwash complex, 1 to 5 percent slopes	0.05	0.14	0.43	2.26	0.92	0
AZ671	95	Kuykendall-Rock outcrop complex, 3 to 45 percent slopes	0.29	0.41	0.5	13	0.03	20
AZ671	96	Lanque-Stanford complex, 0 to 5 percent slopes	0.08	0.17	0.44	2.89	0.85	0
AZ671	97	Libby-Gulch complex, 0 to 10 percent slopes	0.18	0.29	0.44	10.28	0.09	0
AZ671	98	Luckyhills loamy sand, 0 to 5 percent slopes	0.03	0.09	0.41	0.46	1.57	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	99	Luckyhills-McNeal complex, 3 to 15 percent slopes	0.13	0.23	0.41	8.6	0.18	0
AZ671	100	Lutzcan-Yarbam complex, 25 to 50 percent slopes	0.15	0.29	0.44	12.77	0.1	0
AZ671	101	Mabray-Chiricahua-Rock outcrop complex, 3 to 45 percent slopes	0.18	0.31	0.45	13.53	0.08	15
AZ671	102	Mabray-Rock outcrop complex, 3 to 45 percent slopes	0.13	0.26	0.43	12.81	0.13	30
AZ671	103	Magoffin-Rock outcrop-Cherrycow complex, 0 to 15 percent slopes	0.08	0.18	0.42	3.62	0.72	30
AZ671	104	Major complex, 0 to 5 percent slopes	0.07	0.19	0.4	10.22	0.43	0
AZ671	105	Mallet-Hooks complex, 0 to 5 percent slopes	0.14	0.26	0.43	8.51	0.23	0
AZ671	106	Marsh	0.3	0.42	0.48	11.42	0.01	0
AZ671	107	McAllister loam, 1 to 3 percent slopes	0.12	0.25	0.43	12.33	0.28	0
AZ671	108	McAllister-Stronghold complex, 3 to 20 percent slopes	0.15	0.24	0.41	7.04	0.15	0
AZ671	109	McNeal gravelly sandy loam, 1 to 3 percent slopes	0.11	0.24	0.4	15.34	0.2	0
AZ671	110	McNeal gravelly sandy loam, saline-sodic, 1 to 3 percent slopes	0.11	0.24	0.4	15.34	0.2	0
AZ671	111	Monzingo-Ugyp complex, 1 to 20 percent slopes	0.05	0.14	0.41	4.08	0.92	0
AZ671	112	Naco-Ruins soils complex, 1 to 5 percent slopes	0.06	0.14	0.42	2.41	1.01	0
AZ671	113	Nolam-Libby-Buntline complex, 1 to 10 percent slopes	0.13	0.24	0.4	9.86	0.14	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	114	Outlaw-Epitaph-Paramore complex, 0 to 15 percent slopes	0.33	0.45	0.54	6.43	0.03	0
AZ671	115	Oversight gravelly sandy loam, 1 to 35 percent slopes	0.07	0.16	0.42	3.24	0.67	0
AZ671	116	Oversight sandy loam, calcareous, 1 to 20 percent slopes	0.06	0.15	0.42	3.11	0.9	0
AZ671	117	Oversight-Lanque complex, 1 to 5 percent slopes	0.07	0.15	0.43	3.63	0.92	0
AZ671	118	Pedregosa very gravelly fine sandy loam, 3 to 15 percent slopes	0.09	0.18	0.42	3.16	0.41	0
AZ671	119	Pedregosa-Tombstone complex, 3 to 20 percent slopes	0.09	0.21	0.43	8.79	0.31	0
AZ671	120	Perilla-Durazo complex, 0 to 3 percent slopes	0.05	0.12	0.4	1.83	1.07	0
AZ671	121	Pits	0	0.04	0.43	0.12	2	0
AZ671	122	Pits-Dumps complex	0.15	0.23	0.45	1.17	0.14	0
AZ671	123	Quiburi-Fluvaquents-Riverwash complex, 0 to 5 percent slopes	0.05	0.12	0.4	4.27	1.05	0
AZ671	124	Rafter-Lanque complex, 0 to 5 percent slopes	0.09	0.18	0.43	3.68	0.58	0
AZ671	125	Riveroad and Ubik soils, 0 to 5 percent slopes	0.1	0.27	0.42	22.13	0.16	0
AZ671	126	Riverwash, 1 to 10 percent slopes	0.03	0.12	0.39	4.67	1.16	0
AZ671	127	Riverwash-Bodecker complex, 0 to 3 percent slopes	0.03	0.11	0.4	1.94	1.29	0
AZ671	128	Rock outcrop-Magoffin complex, 5 to 60 percent slopes	0.08	0.17	0.44	2.71	0.75	50
AZ671	129	Sasabe complex, 0 to 3 percent slopes	0.09	0.21	0.4	9.46	0.32	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	130	Sasabe gravelly sandy loam, 0 to 2 percent slopes	0.07	0.16	0.4	5.18	0.5	0
AZ671	131	Sasabe gravelly sandy loam, saline-sodic, 0 to 2 percent slopes	0.07	0.16	0.4	5.18	0.5	0
AZ671	132	Schiefflin very stony loamy sand, 3 to 15 percent slopes	0.05	0.11	0.45	3.98	1.23	0
AZ671	133	Stronghold gravelly fine sandy loam, 1 to 3 percent slopes	0.07	0.17	0.42	4.01	0.63	0
AZ671	134	Stronghold-Bernardino complex, 10 to 30 percent slopes	0.17	0.3	0.45	12.9	0.09	0
AZ671	135	Surge-Rock outcrop complex, 3 to 45 percent slopes	0.15	0.25	0.4	9.25	0.16	30
AZ671	136	Sutherland-Mule complex, 3 to 15 percent slopes	0.08	0.17	0.42	3.96	0.47	0
AZ671	137	Swisshelm sandy loam, 1 to 3 percent slopes	0.08	0.17	0.42	3.32	0.78	0
AZ671	138	Swisshelm sandy loam, saline-sodic, 1 to 3 percent slopes	0.08	0.17	0.42	3.32	0.78	0
AZ671	139	Tenneco fine sandy loam, 0 to 2 percent slopes	0.17	0.27	0.41	9.6	0.12	0
AZ671	140	Terrarossa complex, 0 to 45 percent slopes	0.1	0.2	0.4	6.87	0.3	0
AZ671	141	Terrarossa-Blacktail-Pyeatt complex, 1 to 40 percent slopes	0.13	0.26	0.42	13.81	0.16	0
AZ671	142	Tombstone very gravelly fine sandy loam, 8 to 15 percent slopes	0.07	0.16	0.42	3.85	0.57	0
AZ671	143	Turquoise-Nugget complex, 3 to 45 percent slopes	0.08	0.17	0.42	3.73	0.7	0
AZ671	144	Ubik complex, 0 to 3 percent slopes	0.08	0.21	0.41	12.44	0.37	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ671	145	Ubik loam, 1 to 3 percent slopes	0.09	0.22	0.41	13.1	0.32	0
AZ671	146	Ubik loam, saline-sodic, 1 to 3 percent slopes	0.09	0.22	0.41	13.1	0.32	0
AZ671	147	Ubik sandy loam, 1 to 3 percent slopes	0.08	0.17	0.4	4.9	0.61	0
AZ671	148	Ubik sandy loam, saline-sodic, 1 to 3 percent slopes	0.08	0.17	0.4	4.9	0.61	0
AZ671	149	Vana fine sandy loam, 1 to 10 percent slopes	0.09	0.17	0.4	4.56	0.55	0
AZ671	150	Vana-Moco complex, 1 to 5 percent slopes	0.17	0.28	0.42	11.65	0.11	0
AZ671	151	White House complex, 1 to 30 percent slopes	0.2	0.33	0.45	13.79	0.07	0
AZ671	152	Yarbam-Rock outcrop complex, 25 to 60 percent slopes	0.09	0.22	0.43	11.09	0.34	30
AZ673	1	Baboquivari sandy loam, 1 to 3 percent slopes	0.14	0.3	0.43	21.8	0.13	0
AZ673	2	Beaumain-Cherrycow-Rock outcrop complex, 5 to 60 percent slopes	0.28	0.41	0.49	13.08	0.02	20
AZ673	3	Beaumain-Rock outcrop-Cherrycow complex, 5 to 60 percent slopes	0.19	0.32	0.46	11.44	0.09	20
AZ673	4	Blacktail clay, 0 to 5 percent slopes	0.3	0.42	0.5	13.88	0.02	0
AZ673	5	Bodecker soils and riverwash, 0 to 5 percent slopes	0.05	0.14	0.39	5.16	0.89	0
AZ673	6	Bodecker-Altar-Riverwash complex, 0 to 5 percent slopes	0.08	0.18	0.41	6.59	0.34	0
AZ673	7	Bodecker-Altar-Riverwash complex, 1 to 10 percent slopes	0.06	0.13	0.43	4.47	0.74	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ673	8	Bodecker-Combate-Tenneco complex, 0 to 5 percent slopes	0.06	0.12	0.42	3.92	0.87	0
AZ673	9	Brewster-Aravaipa-Rock outcrop complex, 3 to 60 percent slopes	0.15	0.28	0.43	14.09	0.1	20
AZ673	10	Caralampi cobbly sandy loam, 3 to 10 percent slopes	0.08	0.16	0.41	3.8	0.54	0
AZ673	11	Cherrycow cobbly clay loam, 5 to 45 percent slopes	0.29	0.41	0.5	13	0.03	0
AZ673	12	Cloverdale cobbly clay loam, 1 to 5 percent slopes	0.23	0.36	0.47	14.21	0.05	0
AZ673	13	Combate sandy loam, 0 to 1 percent slopes	0.08	0.17	0.4	4.39	0.65	0
AZ673	14	Combate sandy loam, 0 to 5 percent slopes	0.08	0.17	0.42	3.4	0.82	0
AZ673	15	Contention family-Whitecliff family-Sasabe complex, 5 to 60 percent slopes	0.14	0.23	0.42	5.8	0.25	0
AZ673	16	Delnorte-Nahda complex, 5 to 45 percent slopes	0.16	0.29	0.44	13.34	0.08	0
AZ673	17	Deloro-Andrada complex, 5 to 35 percent slopes	0.19	0.3	0.42	9.87	0.04	0
AZ673	18	Deloro-Schrap-Rock outcrop complex, 5 to 60 percent slopes	0.15	0.28	0.43	14.05	0.09	15
AZ673	19	Eloma-Eskiminzin-Cammerman-Holguin complex, 5 to 60 percent slopes	0.28	0.4	0.5	9.17	0.02	0
AZ673	20	Eloma-Kimrose-Saddlebrook complex, 1 to 60 percent slopes	0.25	0.38	0.47	15.38	0.02	0
AZ673	21	Eloma-Tombstone-White House complex, 3 to 50 percent slopes	0.21	0.34	0.45	15.35	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ673	22	Eskiminzin-Rock outcrop-Sontag complex, tuff, 5 to 45 percent slopes	0.22	0.34	0.45	9.98	0.05	30
AZ673	23	Graham-Lampshire-Rock outcrop complex, 5 to 60 percent slopes	0.23	0.34	0.46	8.82	0.05	20
AZ673	24	Graham-Paramore-Rock outcrop complex, 5 to 50 percent slopes	0.3	0.42	0.5	14.18	0.01	15
AZ673	25	Guest silty clay loam, 0 to 1 percent slopes	0.21	0.37	0.48	19.21	0.07	0
AZ673	26	Kimrose-Sasabe complex, 3 to 45 percent slopes	0.21	0.34	0.45	14.17	0.05	0
AZ673	27	Mallet-Hooks complex, 1 to 8 percent slopes	0.08	0.17	0.4	4.39	0.65	0
AZ673	28	Nahda-Delnorte complex, 1 to 10 percent slopes	0.22	0.34	0.46	10.49	0.03	0
AZ673	29	Nugget-Rock outcrop complex, 5 to 60 percent slopes	0.18	0.32	0.44	16.59	0.06	25
AZ673	30	Oxyaquic Torrifluvents-Riverwash complex, 0 to 5 percent slopes	0.06	0.15	0.41	3.66	0.65	0
AZ673	31	Oxyaquic Torrifluvents-Water complex, 0 to 3 percent slopes	0.05	0.11	0.4	0.97	0.65	20
AZ673	32	Pantak-Leyte-Rock outcrop complex, 5 to 45 percent slopes	0.25	0.38	0.48	12.95	0.03	20
AZ673	33	Pedregosa-Tombstone complex, 5 to 45 percent slopes	0.09	0.22	0.4	13.72	0.18	0
AZ673	34	Queencreek soils and riverwash, 0 to 5 percent slopes	0.03	0.1	0.4	0.32	1.08	0
AZ673	35	Rafter and Stanford soils and riverwash, 0 to 5 percent slopes	0.1	0.24	0.44	11.61	0.38	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ673	36	Riveroad-Guest complex, 0 to 3 percent slopes	0.19	0.33	0.46	17.17	0.09	0
AZ673	37	Rock outcrop-Budlamp-Magoffin complex, 5 to 70 percent slopes	0.09	0.18	0.43	3.21	0.46	35
AZ673	38	Rock outcrop-Lampshire complex, 10 to 60 percent slopes	0.1	0.19	0.42	4.26	0.34	55
AZ673	39	Rock outcrop-Thimble-Ruidoso family complex, 15 to 65 percent slopes	0.22	0.36	0.47	16.58	0.04	40
AZ673	40	Sasabe clay loam, 0 to 1 percent slopes	0.23	0.36	0.46	15.14	0.05	0
AZ673	41	Sasabe sandy clay loam, 0 to 1 percent slopes	0.15	0.25	0.42	7.24	0.23	0
AZ673	42	Sasabe sandy loam, 1 to 8 percent slopes	0.08	0.17	0.42	3.51	0.75	0
AZ673	43	Sasabe-Bonita-Forrest complex, 0 to 3 percent slopes	0.22	0.35	0.45	15.59	0.05	0
AZ673	44	Schrap-Rock outcrop complex, 5 to 45 percent slopes	0.14	0.28	0.42	15.26	0.09	10
AZ673	45	Stagecoach-Delnorte complex, 5 to 45 percent slopes	0.07	0.15	0.4	4.2	0.4	0
AZ673	46	Stagecoach-Haplogypsids-Delnorte complex, 5 to 80 percent slopes	0.08	0.19	0.39	8.38	0.3	0
AZ673	47	Stagecoach-Pinaleno complex, sonoran, 15 to 60 percent slopes	0.12	0.2	0.39	6.89	0.18	0
AZ673	48	Stagecoach-Whitlock-Delnorte complex, sonoran, 5 to 20 percent slopes	0.06	0.14	0.4	4.02	0.56	0
AZ673	49	Turquoise-Lutzcan complex, 5 to 60 percent slopes	0.17	0.28	0.42	11.94	0.08	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ673	50	Ubik-Riveroad complex, 0 to 1 percent slopes	0.1	0.24	0.43	12.26	0.25	0
AZ673	51	Ubik-Riveroad complex, 0 to 5 percent slopes	0.09	0.19	0.41	6.89	0.51	0
AZ673	52	Urban land	0.06	0.14	0.38	2.97	0.74	0
AZ673	53	Ustic Torrifluvents, 0 to 1 percent slopes	0.15	0.29	0.44	14.01	0.17	0
AZ673	54	Ustifluventic Haplocambids, 0 to 3 percent slopes	0.09	0.17	0.4	3.83	0.58	0
AZ673	55	Water	0.3	0.42	0.48	11.42	0.01	100
AZ673	56	White House-Eskiminzin-Pedregosa complex, 5 to 60 percent slopes	0.21	0.34	0.45	14.58	0.04	0
AZ673	57	Yarbam family-Silverstrike complex, 5 to 60 percent slopes	0.23	0.37	0.47	14.61	0.03	0
AZ675	1	Agustin gravelly coarse sand, 1 to 5 percent slopes	0.07	0.16	0.4	4.28	0.64	0
AZ675	2	Agustin-Urban land complex, 1 to 5 percent slopes	0.07	0.15	0.39	3.71	0.68	0
AZ675	3	Anezul-Dedal-Rock outcrop complex, 2 to 20 percent slopes	0.2	0.33	0.46	14.57	0.08	12
AZ675	4	Anthony and Glendale soils, and riverwash, 0 to 3 percent slopes	0.09	0.23	0.41	13.06	0.3	0
AZ675	5	Anthony-Gila complex, 0 to 3 percent slopes	0.08	0.19	0.4	8.7	0.44	0
AZ675	6	Aquents and Ustifluvents soils and water, 0 to 5 percent slopes	0.09	0.18	0.41	3.34	0.37	33.3
AZ675	7	Argic Petrocalcids-Rock outcrop-Torriorthents complex, 2 to 60 percent slopes	0.17	0.3	0.43	16.12	0.05	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ675	8	Ashcreek-Stanford-Lanque association, 0 to 3 percent slopes	0.14	0.29	0.46	13.98	0.21	0
AZ675	9	Beaumain-Rock outcrop-Cherrycow complex, 5 to 60 percent slopes	0.19	0.32	0.46	11.44	0.09	20
AZ675	10	Bigtoe-Ryallen-Tombstone complex, 3 to 30 percent slopes	0.17	0.27	0.41	8.89	0.06	0
AZ675	11	Biplane family-Rock outcrop complex, 15 to 50 percent slopes	0.32	0.45	0.52	12.5	0.01	15
AZ675	12	Bodecker soils and riverwash, 0 to 5 percent slopes	0.05	0.14	0.4	3.9	0.85	0
AZ675	13	Brewster-Rock outcrop-Woodcutter complex, 10 to 60 percent slopes	0.15	0.28	0.45	12.11	0.14	30
AZ675	14	Brolliar-Dedal complex, 0 to 8 percent slopes	0.23	0.37	0.47	14.58	0.04	0
AZ675	15	Bucklebar-Hayhook complex, 1 to 15 percent slopes	0.11	0.2	0.4	5.66	0.36	0
AZ675	16	Budlamp-Rock outcrop-Beaumain complex, sandstone, 10 to 50 percent slopes	0.09	0.23	0.44	9.82	0.3	30
AZ675	17	Bylas-Rock outcrop-Frye complex, 0 to 20 percent slopes	0.09	0.22	0.4	14.03	0.17	25
AZ675	18	Cambern-Bushvalley complex, 1 to 15 percent slopes	0.15	0.29	0.48	9.38	0.24	0
AZ675	19	Cammerman-Rock outcrop complex, 15 to 55 percent slopes	0.08	0.16	0.42	2.65	0.44	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ675	20	Cascabel and Wetrock soils, and water, 0 to 3 percent slopes	0.09	0.17	0.41	2.99	0.44	33.3
AZ675	21	Cellar-Rock outcrop complex, 20 to 70 percent slopes	0.07	0.15	0.39	4.42	0.36	35
AZ675	22	Cherrycow-Hathaway families complex, 15 to 50 percent slopes	0.24	0.37	0.48	12.4	0.05	0
AZ675	23	Cherrycow-Kuykendall-Rock outcrop complex, 1 to 8 percent slopes	0.28	0.41	0.49	14.56	0.01	10
AZ675	24	Cloverdale stony clay loam, 1 to 15 percent slopes	0.27	0.4	0.5	12.07	0.04	0
AZ675	25	Cloverdale-Cherrycow-Kuykendall complex, 2 to 10 percent slopes	0.33	0.44	0.52	9.58	0.02	0
AZ675	26	Cloverdale-Terrarossa complex, 1 to 5 percent slopes	0.23	0.36	0.48	12.22	0.07	0
AZ675	27	Coppercan-Rock outcrop complex, 5 to 20 percent slopes	0.23	0.36	0.46	15.2	0.04	30
AZ675	28	Eloma very gravelly sandy clay loam, 3 to 65 percent slopes	0.17	0.27	0.41	9.55	0.08	0
AZ675	29	Eskiminzin and Sontag soils, and rock outcrop, 0 to 5 percent slopes	0.25	0.38	0.48	14.38	0.03	33.3
AZ675	30	Eskiminzin-Rock outcrop complex, 35 to 65 percent slopes	0.32	0.45	0.52	11.47	0.01	30
AZ675	31	Eskiminzin-Sontag-Rock outcrop complex, 2 to 45 percent slopes	0.19	0.32	0.46	12.68	0.07	15
AZ675	32	Ess-Pocomate family association, 20 to 70 percent slopes	0.16	0.3	0.45	12.35	0.12	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ675	33	Frazwell family-Riverwash complex, 0 to 2 percent slopes	0.12	0.25	0.44	10.52	0.33	0
AZ675	34	Frye gravelly loam, 0 to 3 percent slopes	0.16	0.3	0.44	14.36	0.13	0
AZ675	35	Gavilan family-Sponiker complex, 1 to 25 percent slopes	0.16	0.29	0.45	12.5	0.12	0
AZ675	36	Glendale-Gila complex, 0 to 3 percent slopes	0.14	0.32	0.42	33.45	0.07	0
AZ675	37	Glendale-Gila complex, saline-sodic, 0 to 3 percent slopes	0.15	0.29	0.43	16.32	0.11	0
AZ675	38	Goldust-Rock outcrop complex, 2 to 15 percent slopes	0.16	0.3	0.45	14.24	0.1	15
AZ675	39	Goldust-Rock outcrop complex, 15 to 50 percent slopes	0.16	0.31	0.45	14.21	0.09	20
AZ675	40	Granolite-Rock outcrop-Akela complex, 5 to 45 percent slopes	0.25	0.38	0.47	14.98	0.02	25
AZ675	41	Haplogypsids-Whitecliff-Badlands complex, 1 to 80 percent slopes	0.09	0.19	0.39	7.66	0.39	0
AZ675	42	Haplustalfs-Rock outcrop complex, 20 to 75 percent slopes	0.13	0.23	0.42	5.89	0.17	10
AZ675	43	Hurds family-Rock outcrop-Brunopeak complex, 15 to 55 percent slopes	0.13	0.26	0.44	9.23	0.19	25
AZ675	44	Kuykendall-Beaumain-Rock outcrop complex, 5 to 45 percent slopes	0.27	0.4	0.49	12.53	0.02	15
AZ675	45	Kuykendall-Rock outcrop-Cloverdale complex, 1 to 25 percent slopes	0.25	0.39	0.47	15.4	0.03	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ675	46	Kuykendall-Rock outcrop-Woodcutter complex, 3 to 50 percent slopes	0.25	0.38	0.47	14.37	0.04	30
AZ675	47	Limpia family-Beaumain-Rock outcrop complex, 10 to 50 percent slopes	0.26	0.39	0.49	13.37	0.02	15
AZ675	48	Lithic Haplustolls-Anezul-Rock outcrop complex, 1 to 40 percent slopes	0.12	0.26	0.45	11.09	0.29	17
AZ675	49	Mabray-Rock outcrop complex, 20 to 75 percent slopes	0.14	0.27	0.42	14.97	0.09	40
AZ675	50	Nahda-Delnorte complex, 1 to 10 percent slopes	0.22	0.34	0.46	10.49	0.03	0
AZ675	51	Nugget-Lanque complex, 1 to 35 percent slopes	0.1	0.2	0.43	3.78	0.42	0
AZ675	52	Oracle-Romero-Combate complex, 1 to 35 percent slopes	0.08	0.16	0.42	3.26	0.59	0
AZ675	53	Oxyaquic Ustifluvents-Rafter family-Water complex, 0 to 3 percent slopes	0.08	0.17	0.44	2.4	0.83	15
AZ675	54	Pachic Argiustolls-Dedal-Rock outcrop complex, 8 to 35 percent slopes	0.16	0.29	0.45	12.86	0.12	15
AZ675	55	Pantak-Rock outcrop-Lampshire complex, 5 to 60 percent slopes	0.14	0.24	0.41	7.51	0.12	25
AZ675	56	Paymaster family and Typic Fluvaquents soils and riverwash, 0 to 3 percent slopes	0.06	0.14	0.43	3.52	1.06	0
AZ675	57	Paymaster family-Water-Oxyaquic Ustifluvents complex, 0 to 3 percent slopes	0.08	0.17	0.43	2.38	0.75	30

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ675	58	Popcorn soils-Rock outcrop complex, 10 to 50 percent slopes	0.2	0.33	0.45	15.54	0.04	25
AZ675	59	Queencreek soils and riverwash, 0 to 5 percent slopes	0.03	0.12	0.39	3.89	0.87	0
AZ675	60	Queencreek-Brazito-Riverwash complex, 0 to 8 percent slopes	0.03	0.09	0.42	1.15	1.28	0
AZ675	61	Rafter-Riverwash complex, 1 to 5 percent slopes	0.1	0.19	0.43	3.62	0.59	0
AZ675	62	Ripsey-Rock outcrop complex, 15 to 70 percent slopes	0.09	0.17	0.39	5.44	0.45	30
AZ675	63	Riverwash-Amuzet complex, 0 to 3 percent slopes	0.06	0.17	0.4	7.23	0.69	0
AZ675	64	Riverwash-Brazito-Oxyaquic Torrifluvents complex, 2 to 5 percent slopes	0.04	0.12	0.39	3.2	1.01	0
AZ675	65	Riverwash-Ubik-Oxyaquic Torrifluvents complex, 0 to 5 percent slopes	0.05	0.14	0.4	3.77	0.78	0
AZ675	66	Rock outcrop and Dedal and docdee soils, 35 to 75 percent slopes	0.13	0.27	0.46	9.91	0.23	33.3
AZ675	67	Rock outcrop and Ustorthents and haplustolls soils, 40 to 80 percent slopes	0.1	0.18	0.41	3.97	0.31	33.3
AZ675	68	Rock outcrop-Argiustolls-Haplustepts association, 40 to 80 percent slopes	0.16	0.28	0.45	9.85	0.12	45
AZ675	69	Rock outcrop-Beaumain-Magoffin complex, 10 to 50 percent slopes	0.19	0.33	0.46	13.37	0.07	50
AZ675	70	Rock outcrop-Dozer complex, 20 to 60 percent slopes	0.14	0.27	0.42	14.97	0.09	50

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ675	71	Rock outcrop-Lajitas complex, 5 to 60 percent slopes	0.13	0.26	0.4	16.14	0.08	50
AZ675	72	Rock outcrop-Lampshire complex, 15 to 50 percent slopes	0.09	0.17	0.39	5.44	0.26	55
AZ675	73	Rock outcrop-Thimble-Ruidoso family complex, 15 to 65 percent slopes	0.22	0.36	0.47	16.58	0.04	40
AZ675	74	Romero-Rock outcrop complex, 15 to 50 percent slopes	0.05	0.14	0.43	2.3	0.9	25
AZ675	75	Romero-Rock outcrop-Oracle complex, 20 to 70 percent slopes	0.08	0.17	0.42	3.49	0.52	27
AZ675	76	Showlow gravelly loam, 1 to 15 percent slopes	0.15	0.29	0.45	12.49	0.17	0
AZ675	77	Silverstrike family-Yarbam-Rock outcrop complex, 15 to 60 percent slopes	0.2	0.33	0.44	15.61	0.04	20
AZ675	78	Sponiker-Bigprairie complex, 1 to 5 percent slopes	0.25	0.38	0.48	12.85	0.04	0
AZ675	79	Stagecoach-Haplogypsids-Delnorte complex, 5 to 80 percent slopes	0.08	0.19	0.39	8.38	0.3	0
AZ675	80	Terrarossa-Blacktail complex, 5 to 60 percent slopes	0.31	0.44	0.51	11.56	0.02	0
AZ675	81	Terrarossa-Cloverdale-Blacktail complex, 1 to 35 percent slopes	0.18	0.31	0.45	11.87	0.12	0
AZ675	82	Thimble-Rock outcrop complex, 10 to 50 percent slopes	0.16	0.3	0.44	14.36	0.08	25
AZ675	83	Tombstone-Eloma-Pedregosa complex, 5 to 65 percent slopes	0.15	0.28	0.42	15.06	0.08	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ675	84	Tombstone-Torriorthents complex, 5 to 70 percent slopes	0.13	0.24	0.4	11.33	0.14	0
AZ675	85	Topawa very gravelly sandy loam, 3 to 15 percent slopes	0.26	0.38	0.43	11.63	0.01	0
AZ675	86	Topawa-Rillino-Eba complex, 3 to 50 percent slopes	0.17	0.28	0.42	9.87	0.09	0
AZ675	87	Torriorthents, 3 to 60 percent slopes	0.25	0.38	0.46	17.19	0.02	0
AZ675	88	Turist family-Rock outcrop complex, 15 to 40 percent slopes	0.12	0.21	0.39	7.54	0.18	32
AZ675	89	Turquoise-Coppercan complex, 5 to 45 percent slopes	0.16	0.25	0.45	4.8	0.21	0
AZ675	90	Turquoise-Rock outcrop-Nugget complex, 20 to 70 percent slopes	0.1	0.2	0.43	3.93	0.37	30
AZ675	91	Typic Fluvaquents, wetrock soils, and water, 0 to 3 percent slopes	0.11	0.21	0.44	8.58	0.27	33.3
AZ675	92	Urban land-Agustin-Glendale complex, 1 to 5 percent slopes	0.09	0.2	0.41	5.38	0.4	0
AZ675	93	Urban land-Topawa complex, 1 to 30 percent slopes	0.11	0.22	0.41	6.13	0.24	0
AZ675	94	Ustifluvents soils, riverwash, rock outcrop, and water, 0 to 2 percent slopes	0.07	0.18	0.41	7.41	0.65	50
AZ675	95	Water	0.3	0.42	0.48	11.42	0.01	100
AZ675	96	Wetrock, Vinton, and Typic Fluvaquents soils, and water, 0 to 3 percent slopes	0.1	0.18	0.44	3.22	0.44	25
AZ675	97	Woodcutter-Budlamp-Rock outcrop complex, 15 to 60 percent slopes	0.09	0.18	0.42	3.91	0.47	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ683	1C	Amos clay loam, 8 to 15 percent slopes	0.19	0.33	0.44	15.56	0.08	0
AZ683	2D	Baldy cobbly fine sandy loam, 8 to 30 percent slopes	0.08	0.16	0.41	2.86	0.6	0
AZ683	3E	Baldy cobbly fine sandy loam, 30 to 50 percent slopes	0.08	0.16	0.41	2.86	0.6	0
AZ683	4D	Barkerville cobbly sandy loam, 15 to 30 percent slopes	0.08	0.17	0.42	3.32	0.58	0
AZ683	5E	Barkerville cobbly sandy loam, 30 to 50 percent slopes	0.08	0.17	0.42	3.32	0.58	0
AZ683	6C	Barkerville-Showlow complex, 8 to 15 percent slopes, eroded	0.12	0.22	0.43	5.48	0.29	0
AZ683	7B	Brolliar silt loam, 0 to 8 percent slopes	0.11	0.28	0.47	14.89	0.37	0
AZ683	8B	Brolliar cobbly silt loam, 0 to 8 percent slopes	0.09	0.27	0.47	14.46	0.36	0
AZ683	9D	Brolliar cobbly silt loam, 8 to 30 percent slopes	0.09	0.27	0.47	14.46	0.36	0
AZ683	10D	Brolliar cobbly clay loam, 15 to 30 percent slopes	0.2	0.33	0.47	12.94	0.09	0
AZ683	11E	Brolliar-Cryorthents-Cryoborolls complex 30 to 50 percent slopes	0.17	0.33	0.47	13.23	0.09	0
AZ683	12E	Cabezon-Rock outcrop complex, 30 to 50 percent slopes	0.15	0.33	0.5	15.52	0.21	10
AZ683	13B	Chevelon silt loam, 0 to 8 percent slopes	0.13	0.33	0.46	29.19	0.13	0
AZ683	14D	Chevelon cobbly clay loam, 8 to 30 percent slopes, eroded	0.21	0.36	0.47	17.2	0.05	0
AZ683	15D	Chevelon cobbly clay loam, 15 to 30 percent slopes, severely eroded	0.21	0.36	0.47	17.2	0.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ683	16E	Chevelon cobbly clay loam, 30 to 50 percent slopes, eroded	0.21	0.36	0.47	17.2	0.05	0
AZ683	18D	Cibeque gravelly loam, 8 to 30 percent slopes	0.14	0.28	0.43	13.64	0.15	0
AZ683	19E	Cibeque gravelly loam, 30 to 50 percent slopes, eroded	0.14	0.28	0.43	13.64	0.15	0
AZ683	20E	Cibeque-Chevelon complex, 30 to 50 percent slopes, eroded	0.17	0.31	0.45	15.01	0.1	0
AZ683	21B	Cryaquolls, nearly level	0.13	0.28	0.48	7.71	0.43	0
AZ683	22E	Cryorthents-Cryoborolls complex	0.3	0.42	0.48	11.42	0.01	0
AZ683	23B	Elledge sandy loam, 0 to 8 percent slopes	0.07	0.16	0.42	3.24	0.81	0
AZ683	24E	Elledge sandy loam, 30 to 50 percent slopes	0.07	0.16	0.42	3.24	0.81	0
AZ683	25B	Elledge cobbly sandy loam, 0 to 8 percent slopes	0.07	0.16	0.42	3.24	0.71	0
AZ683	26C	Elledge cobbly sandy loam, 8 to 15 percent slopes, eroded	0.07	0.16	0.42	3.24	0.71	0
AZ683	27D	Elledge cobbly sandy loam, 15 to 30 percent slopes	0.07	0.16	0.42	3.24	0.71	0
AZ683	28C	Elledge-Rock outcrop complex, 8 to 15 percent slopes	0.07	0.16	0.42	3.24	0.81	10
AZ683	29E	Elledge-Overgaard-Rock outcrop complex, 30 to 50 percent slopes	0.09	0.2	0.44	4.62	0.58	10
AZ683	30B	Ess cobbly loam, 0 to 8 percent slopes	0.13	0.26	0.43	12.81	0.18	0
AZ683	31D	Ess cobbly loam, 8 to 30 percent slopes	0.13	0.26	0.43	12.81	0.18	0
AZ683	32E	Ess cobbly loam, 30 to 50 percent slopes	0.13	0.26	0.43	12.81	0.18	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ683	33D	Gordo loam, 0 to 30 percent slopes	0.1	0.24	0.43	11.75	0.34	0
AZ683	34D	Gordo cobbly loam, 8 to 30 percent slopes	0.1	0.24	0.43	11.75	0.31	0
AZ683	35E	Gordo cobbly loam, 30 to 50 percent slopes	0.1	0.24	0.43	11.75	0.31	0
AZ683	36B	Gordo silt loam, 0 to 8 percent slopes	0.1	0.27	0.44	18.81	0.25	0
AZ683	37C	Gordo silt loam, 8 to 15 percent slopes	0.1	0.27	0.44	18.81	0.25	0
AZ683	38B	Gordo gravelly silt loam, 0 to 8 percent slopes	0.1	0.27	0.44	18.81	0.23	0
AZ683	39B	Gordo cobbly silt loam, 0 to 8 percent slopes	0.1	0.27	0.44	18.81	0.22	0
AZ683	40B	Haplustolls-Torrifluvents complex	0.12	0.21	0.45	2.27	0.45	0
AZ683	41E	Haplustolls-Ustorthents	0.17	0.3	0.45	12.86	0.14	0
AZ683	42C	Jacks very fine sandy loam, 8 to 15 percent slopes	0.12	0.23	0.43	6.02	0.39	0
AZ683	43B	Jacks loam, 0 to 8 percent slopes	0.16	0.29	0.45	12.86	0.18	0
AZ683	44D	Jacks cobbly loam, 15 to 30 percent slopes	0.13	0.27	0.44	11.65	0.22	0
AZ683	45E	Jacks cobbly loam, 30 to 50 percent slopes	0.13	0.27	0.44	11.65	0.22	0
AZ683	46C	Jacks gravelly clay loam, 8 to 15 percent slopes	0.22	0.35	0.46	14.2	0.06	0
AZ683	47D	Jacks cobbly clay loam, 8 to 30 percent slopes	0.22	0.35	0.46	14.2	0.06	0
AZ683	48B	Jacques clay loam	0.22	0.35	0.46	14.2	0.07	0
AZ683	49B	Jacques clay loam, eroded	0.22	0.35	0.46	14.2	0.07	0
AZ683	50D	Luna cobbly silt loam, 15 to 30 percent slopes	0.12	0.29	0.46	17.08	0.19	0
AZ683	51E	Luna cobbly silt loam, 30 to 50 percent slopes	0.12	0.29	0.46	17.08	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ683	52D	Luna clay loam, 15 to 30 percent slopes	0.22	0.35	0.46	14.2	0.07	0
AZ683	53E	Luna clay loam, 30 to 50 percent slopes	0.22	0.35	0.46	14.2	0.07	0
AZ683	54B	Luna silt loam, wet variant	0.14	0.31	0.46	18.1	0.2	0
AZ683	55B	Luna clay loam, wet variant	0.22	0.35	0.46	14.2	0.07	0
AZ683	56B	Lynx loam, eroded	0.14	0.28	0.43	13.24	0.19	0
AZ683	57B	Navajo clay loam, eroded	0.21	0.34	0.44	17.14	0.05	0
AZ683	58B	Navajo clay loam, severely eroded	0.21	0.34	0.44	17.14	0.05	0
AZ683	59B	Overgaard gravelly fine sandy loam, 0 to 8 percent slopes	0.1	0.19	0.43	3.14	0.54	0
AZ683	60D	Overgaard gravelly fine sandy loam, 8 to 30 percent slopes	0.1	0.19	0.43	3.14	0.54	0
AZ683	61B	Overgaard gravelly loam, 0 to 8 percent slopes	0.13	0.27	0.44	11.65	0.24	0
AZ683	62D	Overgaard gravelly loam, 15 to 30 percent slopes	0.13	0.27	0.44	11.65	0.24	0
AZ683	63E	Overgaard gravelly loam, 30 to 50 percent slopes	0.13	0.27	0.44	11.65	0.24	0
AZ683	64D	Overgaard-Elledge complex, 15 to 30 percent slopes	0.11	0.22	0.44	6.66	0.39	0
AZ683	65D	Overgaard-Telephone complex, 15 to 30 percent slopes	0.11	0.24	0.44	7.81	0.35	0
AZ683	66B	Rond loam, 0 to 8 percent slopes	0.13	0.26	0.43	12.81	0.23	0
AZ683	67C	Rond loam, 8 to 15 percent slopes	0.13	0.26	0.43	12.81	0.23	0
AZ683	68B	Rond gravelly loam, 8 to 15 percent slopes	0.13	0.26	0.43	12.81	0.2	0
AZ683	69D	Rond gravelly loam, 8 to 30 percent slopes	0.13	0.26	0.43	12.81	0.2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ683	70B	Roundtop clay loam, 0 to 8 percent slopes	0.22	0.36	0.48	12.28	0.09	0
AZ683	71B	Roundtop gravelly clay loam, 0 to 8 percent slopes	0.22	0.36	0.48	12.28	0.08	0
AZ683	72D	Roundtop gravelly clay loam, 15 to 30 percent slopes	0.22	0.36	0.48	12.28	0.08	0
AZ683	73D	Roundtop-Rock outcrop complex, 8 to 30 percent slopes	0.22	0.36	0.48	12.28	0.09	10
AZ683	74E	Roundtop-Rock outcrop complex, 15 to 30 percent slopes	0.22	0.36	0.48	12.28	0.09	10
AZ683	75D	Roundtop-Jacks-Rock outcrop complex, 15 to 30 percent slopes	0.22	0.35	0.47	13.2	0.07	10
AZ683	76E	Roundtop-Tortugas-Rock outcrop complex, 30 to 50 percent slopes	0.19	0.33	0.48	11.23	0.12	10
AZ683	77B	Showlow silt loam, 0 to 8 percent slopes	0.13	0.3	0.45	20.26	0.18	0
AZ683	78C	Showlow silt loam, 8 to 15 percent slopes	0.13	0.3	0.45	20.26	0.18	0
AZ683	79D	Showlow cobbly silt loam, 15 to 30 percent slopes	0.12	0.28	0.44	19	0.17	0
AZ683	80B	Showlow gravelly clay loam, 0 to 8 percent slopes	0.2	0.33	0.45	14.94	0.07	0
AZ683	81D	Showlow gravelly clay loam, 8 to 30 percent slopes	0.2	0.33	0.45	14.94	0.07	0
AZ683	82E	Showlow gravelly clay loam, 30 to 50 percent slopes	0.2	0.33	0.45	14.94	0.07	0
AZ683	83E	Showlow-Barkerville complex, 30 to 50 percent slopes	0.11	0.24	0.43	10.26	0.26	0
AZ683	84D	Showlow-Chevelon complex, 15 to 30 percent slopes	0.2	0.34	0.46	15.71	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ683	85B	Sizer gravelly silt loam, 0 to 8 percent slopes	0.14	0.3	0.45	20.06	0.15	0
AZ683	86D	Sizer gravelly silt loam, 8 to 30 percent slopes	0.14	0.3	0.45	20.06	0.15	0
AZ683	87E	Sizer gravelly silt loam, 30 to 50 percent slopes	0.14	0.3	0.45	20.06	0.15	0
AZ683	88B	Sponseller cobbly loam, 0 to 8 percent slopes	0.13	0.26	0.43	12.81	0.19	0
AZ683	89D	Sponseller cobbly loam, 30 to 50 percent slopes	0.13	0.26	0.43	12.81	0.19	0
AZ683	90E	Sponseller cobbly loam, 30 to 50 percent slopes	0.13	0.26	0.43	12.81	0.19	0
AZ683	91B	Sponseller gravelly silt loam, 0 to 8 percent slopes	0.13	0.3	0.45	20.26	0.16	0
AZ683	92B	Springerville cobbly clay	0.3	0.42	0.5	13.14	0.02	0
AZ683	93B	Tatiyee gravelly loam, 0 to 8 percent slopes	0.13	0.27	0.44	11.65	0.22	0
AZ683	94D	Telephone cobbly sandy loam, 8 to 30 percent slopes	0.07	0.16	0.42	3.24	0.73	0
AZ683	95D	Telephone very cobbly sandy loam, 15 to 30 percent slopes	0.07	0.16	0.42	3.24	0.62	0
AZ683	96E	Telephone-Rock outcrop complex, 30 to 50 percent slopes	0.07	0.16	0.42	3.24	0.62	10
AZ683	97B	Thunderbird gravelly clay loam, 0 to 8 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ683	98B	Thunderbird cobbly clay loam, 0 to 8 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ683	99D	Thunderbird cobbly clay loam, 8 to 30 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ683	100E	Thunderbird cobbly clay loam, 30 to 50 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ683	101B	Thunderbird-Rock outcrop complex, 0 to 8 percent slopes	0.29	0.41	0.49	13.79	0.02	10

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ683	102D	Thunderbird-Rock outcrop complex, 15 to 30 percent slopes	0.29	0.41	0.49	13.79	0.02	10
AZ683	103E	Thunderbird-Chevelon-Rock outcrop complex, 30 to 50 percent slopes	0.25	0.39	0.47	16.24	0.03	10
AZ683	104E	Thunderbird-Roundtop-Rock outcrop complex, 30 to 50 percent slopes, eroded	0.25	0.38	0.48	14.15	0.04	10
AZ683	105D	Thunderbird-Showlow complex, 15 to 30 percent slopes	0.21	0.35	0.46	17	0.05	0
AZ683	106D	Tortugas cobbly loam, 15 to 30 percent slopes	0.14	0.28	0.47	9.38	0.3	0
AZ683	107E	Tortugas-Rock outcrop complex, 30 to 50 percent slopes	0.14	0.28	0.47	9.38	0.3	10
AZ683	108E	Tortugas-Chevelon-Rock outcrop complex, 30 to 50 percent slopes	0.18	0.32	0.47	12.7	0.12	10
AZ683	109E	Tortugas-Roundtop-Rock outcrop complex, 30 to 50 percent slopes	0.15	0.31	0.48	12.76	0.26	10
AZ683	110E	Tortugas-Showlow-Rock outcrop complex, 30 to 50 percent slopes	0.16	0.3	0.46	10.96	0.18	10
AZ683	111B	Tours fine sandy loam, 0 to 8 percent slopes	0.09	0.17	0.39	4.45	0.54	0
AZ683	112B	Tours silt loam, 0 to 8 percent slopes	0.13	0.32	0.42	35.92	0.07	0
AZ683	113B	Tours silt loam, 0 to 8 percent slopes, eroded	0.13	0.32	0.42	35.92	0.07	0
AZ683	114B	Tours complex	0.11	0.27	0.41	17.87	0.15	0
AZ683	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ687	400	Tenneco-Bodecker complex, 0 to 3 percent slopes	0.09	0.17	0.4	3.86	0.53	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ687	405	Urban land and Haplic Torriarents soils, 0 to 5 percent slopes	0.05	0.14	0.4	3.48	0.7	0
AZ687	410	Urban land and Haplic Torriarents soils, 2 to 15 percent slopes	0.09	0.18	0.41	3.3	0.45	0
AZ687	415	Urban land and Haplic Torriarents soils, 15 to 40 percent slopes	0.08	0.18	0.39	5.02	0.36	0
AZ687	420	Deloro-Andrada-Sasabe, deep complex, 2 to 15 percent slopes	0.24	0.36	0.46	13.79	0.02	0
AZ687	450	Andrada extremely gravelly sandy loam, 10 to 40 percent slopes	0.12	0.25	0.41	15.17	0.1	0
AZ687	460	Caralampi extremely gravelly sandy loam, moderately deep, 20 to 40 percent slopes	0.3	0.42	0.48	13.85	0.01	0
AZ687	490	Pantak-Cammerman-Rock outcrop complex, 20 to 65 percent slopes	0.14	0.25	0.42	8.56	0.11	25
AZ687	500	Mined land	0.3	0.42	0.48	11.42	0.01	0
AZ687	510	Dumps	0.3	0.42	0.48	11.42	0.01	0
AZ687	520	Sewage lagoons	0.3	0.42	0.48	11.42	0.01	0
AZ687	547	Oxyaquic Torrifluvents-Riverwash-Water complex, 0 to 5 percent slopes	0.08	0.19	0.4	8.23	0.49	15
AZ687	551	Tombstone-Ustic Torriorthents complex, 5 to 70 percent slopes	0.13	0.24	0.4	11.33	0.14	0
AZ687	570	Rock outcrop-Mabray-Pantak complex, 20 to 70 percent slopes	0.13	0.25	0.41	13.27	0.11	40
AZ687	585	Rock outcrop-Lampshire complex, 5 to 40 percent slopes	0.1	0.23	0.4	14.25	0.15	50

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ687	590	Eloma very gravelly sandy clay loam, 3 to 65 percent slopes	0.17	0.27	0.41	9.55	0.08	0
AZ687	591	Eloma very gravelly sandy loam, 1 to 20 percent slopes	0.11	0.2	0.4	4.82	0.22	0
AZ687	592	Sasabe very cobbly loam, 0 to 5 percent slopes	0.14	0.27	0.42	14.39	0.1	0
AZ687	595	Tombstone-Eloma-Pedregosa complex, 5 to 65 percent slopes	0.15	0.28	0.42	15.06	0.08	0
AZ687	600	Oxyaquic Torrifluvents and Typic Fluvaquents soils and Riverwash, 0 to 5 percent slopes	0.04	0.11	0.43	2.36	1.43	0
AZ687	610	Comoro sandy loam, 0 to 5 percent slopes	0.09	0.18	0.4	4.81	0.47	0
AZ687	620	Bodecker and Horner soils, 1 to 8 percent slopes	0.08	0.17	0.42	3.64	0.7	0
AZ687	635	Courtland family-Riverwash complex, 0 to 15 percent slopes	0.16	0.27	0.41	8.73	0.1	0
AZ687	640	Rock outcrop-Reduff-Leyte complex, 10 to 50 percent slopes, extremely bouldery	0.22	0.34	0.46	13.52	0.04	60
AZ687	645	Oracle-Cammerman-Rock outcrop complex, 10 to 50 percent slopes	0.22	0.36	0.45	15.84	0.04	15
AZ687	650	Cammerman-Rock outcrop complex, 15 to 55 percent slopes	0.27	0.39	0.46	14.65	0.01	25
AZ687	655	Bodecker soils and Riverwash, 0 to 5 percent slopes	0.05	0.14	0.4	3.9	0.85	0
AZ687	690	Caralampi-Eloma complex, 10 to 60 percent slopes	0.2	0.31	0.43	10.51	0.04	0
AZ687	691	Caralampi-Eloma complex, 1 to 15 percent slopes	0.24	0.38	0.46	16.34	0.02	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ687	695	Ustic Torriorthents-Altar complex, 15 to 65 percent slopes	0.1	0.19	0.4	5.48	0.27	0
AZ687	700	Rock outcrop-Turquoise complex, 5 to 30 percent slopes, bouldery	0.09	0.18	0.42	3.86	0.56	60
AZ687	705	Rock outcrop-Turquoise complex, 25 to 65 percent slopes, bouldery	0.07	0.16	0.42	3.24	0.75	60
AZ687	710	Rock outcrop-Woodcutter complex, tuff, 15 to 50 percent slopes	0.14	0.28	0.43	13.24	0.11	50
AZ687	715	Vortex family-Silverstrike complex, 20 to 50 percent slopes	0.08	0.19	0.4	7.31	0.37	0
AZ687	720	Lanque sandy loam and Urban land, 0 to 3 percent slopes	0.07	0.16	0.41	2.84	0.8	0
AZ687	730	Silverstrike-Popcorn-Quillian complex, 15 to 50 percent slopes	0.2	0.34	0.45	15.84	0.04	0
AZ687	740	Gardencan extremely gravelly sandy clay loam, 10 to 50 percent slopes	0.25	0.38	0.47	15.86	0.02	0
AZ687	800	Oxyaquic Ustifluvents-Frazwell family-Riverwash complex, 0 to 3 percent slopes	0.13	0.23	0.43	6.27	0.33	0
AZ687	801	Oxyaquic Ustifluvents soils and Riverwash, 0 to 3 percent slopes	0.03	0.1	0.4	2.06	1.4	0
AZ687	802	Whiskey family and Fine, Pachic Haplustolls soils, 0 to 3 percent slopes	0.11	0.25	0.47	7.64	0.49	0
AZ687	810	Sponiker loam, 0 to 5 percent slopes	0.14	0.3	0.48	11.42	0.3	0
AZ687	811	Turkeytrack loam, 1 to 8 percent slopes	0.17	0.32	0.48	11.73	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ687	812	Turkeytrack clay loam, 8 to 20 percent slopes	0.18	0.33	0.48	11.81	0.13	0
AZ687	820	Hailstone family and Jacks family soils and Rock outcrop, 2 to 30 percent slopes	0.16	0.27	0.45	6.37	0.18	33.3
AZ687	910	Aquic Cumulic Haplustolls clay loam, 0 to 3 percent slopes	0.21	0.34	0.46	14.12	0.09	0
AZ687	920	Frazwell family loam, 0 to 3 percent slopes	0.13	0.27	0.44	11.65	0.27	0
AZ687	930	Oxyaquic Ustorthents gravelly loam, 0 to 3 percent slopes	0.12	0.25	0.42	13.52	0.21	0
AZ687	940	Spudrock gravelly loam, 3 to 8 percent slopes	0.11	0.24	0.44	10.52	0.35	0
AZ687	941	Spudrock gravelly loam, 8 to 15 percent slopes	0.11	0.24	0.44	10.52	0.35	0
AZ687	942	Spudrock gravelly loam, 15 to 30 percent slopes	0.11	0.24	0.44	10.52	0.35	0
AZ687	950	Jacks loam, deep, 3 to 8 percent slopes	0.13	0.27	0.44	11.65	0.26	0
AZ687	951	Jacks stony clay loam, deep, 3 to 15 percent slopes	0.19	0.33	0.46	14.3	0.08	0
AZ687	960	Paco clay loam, 3 to 8 percent slopes	0.18	0.32	0.46	14.41	0.13	0
AZ687	961	Paco clay loam, 8 to 15 percent slopes	0.18	0.32	0.46	14.41	0.13	0
AZ687	962	Paco cobbly clay loam, 15 to 30 percent slopes	0.18	0.32	0.46	14.41	0.11	0
AZ687	970	Rock outcrop, sandstone, 3 to 30 percent slopes	0.3	0.42	0.48	11.42	0.01	70
AZ687	971	Rock outcrop-Lithic Ustorthents complex, granite, 15 to 60 percent slopes	0.1	0.19	0.41	4.49	0.3	50
AZ687	NOTCOM	No Digital Data Available	0.3	0.42	0.48	11.42	0.01	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ691	NOTCOM	No Digital Data Available	0.3	0.42	0.48	11.42	0.01	0
AZ693	1	Jacques clay loam, 0 to 2 percent slopes	0.23	0.37	0.47	14.28	0.05	0
AZ693	2	Brolliar stony clay loam, 0 to 2 percent slopes	0.21	0.34	0.46	14.12	0.07	0
AZ693	3	Baldy stony loam, 2 to 8 percent slopes	0.1	0.23	0.41	13.5	0.25	0
AZ693	4	Baldy-Rock outcrop association, 15 to 60 percent slopes	0.1	0.23	0.41	13.5	0.25	45
AZ693	6	Clover Springs loam, 0 to 2 percent slopes	0.13	0.28	0.45	13.54	0.25	0
AZ693	7	Tatiyee cobbly loam, 2 to 8 percent slopes	0.15	0.29	0.45	12.49	0.17	0
AZ693	8	Paymaster family fine sandy loam, 0 to 3 percent slopes	0.1	0.18	0.43	2.77	0.69	0
AZ693	11	Collbran stony clay loam, 5 to 20 percent slopes	0.22	0.35	0.46	14.2	0.06	0
AZ693	12	Brolliar cobbly clay loam, deep variant, 0 to 5 percent slopes	0.21	0.34	0.46	14.12	0.07	0
AZ693	13	Lynx loam, 0 to 2 percent slopes	0.15	0.29	0.45	13.55	0.2	0
AZ693	14	Daze fine sandy loam, 0 to 8 percent slopes	0.12	0.21	0.42	3.83	0.46	0
AZ693	15	Tortugas cobbly loam, 2 to 15 percent slopes	0.11	0.24	0.44	10.52	0.34	0
AZ693	16	Sizer-Bandera association, 15 to 60 percent slopes	0.09	0.22	0.43	11.15	0.39	0
AZ693	17	Amos fine sandy loam, 0 to 3 percent slopes	0.11	0.19	0.4	4.7	0.41	0
AZ693	18	Boysag gravelly loam, 0 to 8 percent slopes	0.12	0.25	0.42	13.52	0.25	0
AZ693	19	Telephone gravelly sandy loam, 0 to 15 percent slopes	0.08	0.16	0.41	3.8	0.6	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ693	11A	Collbran cobbly clay loam, 0 to 5 percent slopes	0.22	0.35	0.46	14.2	0.06	0
AZ693	15A	Tortugas-Daze complex, 0 to 15 percent slopes	0.11	0.23	0.43	6.67	0.39	0
AZ693	15B	Tortugas cobbly and gravelly loam, 15 to 30 percent slopes	0.11	0.24	0.44	10.52	0.34	0
AZ693	18A	Boysag gravelly loam, 8 to 15 percent slopes	0.12	0.25	0.42	13.52	0.25	0
AZ693	19A	Telephone-Daze complex, 0 to 8 percent slopes	0.1	0.18	0.42	3.81	0.53	0
AZ693	2A	Brolliar stony clay loam, 2 to 8 percent slopes	0.21	0.34	0.46	14.12	0.07	0
AZ693	2B	Brolliar stony clay loam, 8 to 30 percent slopes	0.21	0.34	0.46	14.12	0.07	0
AZ693	3A	Baldy stony loam, 8 to 15 percent slopes	0.1	0.23	0.41	13.5	0.25	0
AZ693	3B	Baldy stony loam, 15 to 30 percent slopes	0.1	0.23	0.41	13.5	0.25	0
AZ693	BP	Pits-Dumps complex	0.13	0.21	0.45	0.93	0.18	0
AZ693	NOTCOM	Not Complete	0.3	0.42	0.48	11.42	0.01	0
AZ693	W	Water	0.3	0.42	0.48	11.42	0.01	100
AZ695	NOTCOM	No Digital Data Available	0.3	0.42	0.48	11.42	0.01	0
AZ697	1	Alko family cobbly loam, 0 to 25 percent slopes	0.08	0.21	0.4	12.52	0.3	0
AZ697	2	Alko family gravelly sandy loam, 1 to 15 percent slopes	0.08	0.21	0.4	12.52	0.31	0
AZ697	3	Appleseed-Huevi association, 4 to 30 percent slopes	0.1	0.19	0.4	4.83	0.27	0
AZ697	4	Aridic Argiustolls-Lithic Haplustolls complex, 1 to 40 percent slopes	0.12	0.22	0.42	5.59	0.26	0
AZ697	5	Arizo-Detrital-Nickel complex, 2 to 6 percent slopes	0.07	0.14	0.4	2.78	0.58	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	6	Arizo-Franconia-Riverwash complex, 1 to 3 percent slopes	0.07	0.15	0.4	4.62	0.69	0
AZ697	7	Arizo-Riverwash complex, 0 to 1 percent slopes	0.03	0.12	0.4	4.22	1.06	0
AZ697	8	Arizo-Riverwash complex, 1 to 4 percent slopes	0.02	0.1	0.4	1.74	1.38	0
AZ697	9	Arizo-Riverwash complex, dry, 0 to 1 percent slopes	0.02	0.1	0.4	1.74	1.38	0
AZ697	10	Arizo-Riverwash complex, moist, 1 to 3 percent slopes	0.02	0.07	0.42	3.34	1.57	0
AZ697	11	Azure-Detrital-Antares complex, 5 to 30 percent slopes	0.09	0.17	0.4	4.9	0.31	0
AZ697	12	Birdsbeak very channery loam, 10 to 35 percent slopes	0.19	0.33	0.45	15.03	0.05	0
AZ697	13	Bluebird-Detrital complex, 2 to 15 percent slopes, very stony	0.1	0.18	0.4	5.02	0.29	0
AZ697	14	Bluebird-Lostman complex, 1 to 5 percent slopes	0.12	0.22	0.41	6.63	0.26	0
AZ697	15	Carrizo complex, 1 to 5 percent slopes	0.08	0.17	0.39	5.03	0.29	0
AZ697	16	Carrizo-Riverwash complex, 0 to 1 percent slopes	0.07	0.13	0.39	1.54	0.71	0
AZ697	17	Carrizo-Riverwash complex, 3 to 8 percent slopes	0.03	0.1	0.4	1.76	0.83	0
AZ697	18	Chuckawalla-Riverbend complex, 2 to 15 percent slopes	0.12	0.24	0.41	11	0.17	0
AZ697	19	Circular complex, 1 to 3 percent slopes	0.08	0.19	0.4	8.2	0.46	0
AZ697	20	Circular-Dusty complex, 0 to 4 percent slopes	0.09	0.19	0.41	6.46	0.47	0
AZ697	21	Cod gravelly sandy loam, 2 to 6 percent slopes	0.09	0.18	0.4	4.97	0.41	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	22	Cordes-Manikan-Riverwash complex, 1 to 6 percent slopes	0.07	0.16	0.4	4.61	0.7	0
AZ697	23	Cupel-Rock outcrop complex, 35 to 65 percent slopes	0.13	0.22	0.4	7.13	0.14	20
AZ697	24	Cyclopic very stony loam, 3 to 8 percent slopes	0.18	0.28	0.41	9.37	0.05	0
AZ697	25	Deluge-Gotchell-Sunstroke complex, 3 to 7 percent slopes	0.15	0.24	0.41	7.85	0.11	0
AZ697	26	Detrital-Bluebird complex, 2 to 12 percent slopes	0.1	0.19	0.4	5.77	0.23	0
AZ697	27	Detrital-Nealy complex, 1 to 6 percent slopes	0.1	0.21	0.4	8.31	0.28	0
AZ697	28	Detrital-Nickel complex, dry, 1 to 6 percent slopes	0.07	0.15	0.4	4.38	0.41	0
AZ697	29	Detrital-Nickel family complex, 1 to 4 percent slopes	0.08	0.16	0.4	4.7	0.51	0
AZ697	30	Detrital-Skelon family complex, 1 to 5 percent slopes	0.09	0.18	0.4	4.91	0.29	0
AZ697	31	Dusty-Kurstan family complex, 1 to 6 percent slopes	0.11	0.23	0.41	11.33	0.28	0
AZ697	32	Dutchflat sandy loam, 0 to 2 percent slopes	0.08	0.16	0.4	4.6	0.64	0
AZ697	33	Dye-Tovar-Rock outcrop complex, 6 to 25 percent slopes	0.21	0.34	0.46	14.22	0.06	15
AZ697	34	Faraway-Rock outcrop complex, 30 to 70 percent slopes	0.09	0.23	0.44	9.42	0.3	20
AZ697	35	Fig-Blind-Nodman complex, 30 to 70 percent slopes	0.09	0.17	0.4	4.82	0.31	0
AZ697	36	Filaree gravelly sandy loam, 2 to 6 percent slopes	0.04	0.13	0.41	4.08	0.9	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	37	Filaree-Dutchflat complex, 2 to 6 percent slopes	0.05	0.14	0.41	4.25	0.81	0
AZ697	38	Garnet-Dutchflat complex, 2 to 6 percent slopes	0.09	0.18	0.4	4.86	0.54	0
AZ697	39	Goesling family silt loam, 3 to 8 percent slopes	0.16	0.3	0.44	14.33	0.13	0
AZ697	40	Goldroad-Rock outcrop complex, 15 to 35 percent slopes	0.08	0.16	0.4	4.68	0.33	10
AZ697	41	Goldroad-Rock outcrop complex, 35 to 65 percent slopes	0.08	0.16	0.4	4.68	0.33	20
AZ697	42	Gonzales-Rock outcrop complex, 15 to 35 percent slopes	0.29	0.41	0.48	13.01	0.02	25
AZ697	43	Goodsprings family gravelly sandy loam, 10 to 35 percent slopes	0.06	0.19	0.39	13.74	0.34	0
AZ697	44	Gotchell-Sunstroke complex, 6 to 35 percent slopes	0.1	0.19	0.4	5.63	0.23	0
AZ697	45	Graham-Arivaca complex, 2 to 15 percent slopes	0.22	0.36	0.48	13.9	0.07	0
AZ697	46	Graham-Rock outcrop complex, 10 to 40 percent slopes	0.19	0.33	0.46	13.98	0.09	20
AZ697	47	Grandwash extremely flaggy sandy loam, 2 to 25 percent slopes	0.29	0.41	0.49	13.79	0.01	0
AZ697	48	Greyeagle family extremely gravelly coarse sandy loam, 15 to 40 percent slopes	0.12	0.21	0.4	6	0.18	0
AZ697	49	Greyeagle family extremely gravelly sandy loam, 35 to 60 percent slopes	0.08	0.16	0.4	4.04	0.38	0
AZ697	50	Greyeagle family-Cyclopic complex, 3 to 12 percent slopes	0.1	0.2	0.4	5.95	0.21	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	51	Greyeagle-Skelon families complex, 2 to 12 percent slopes	0.11	0.19	0.4	5.05	0.23	0
AZ697	52	Greyeagle-Skelon families complex, moist, 4 to 25 percent slopes	0.07	0.16	0.4	4.14	0.38	0
AZ697	53	Gypsids, 3 to 50 percent slopes	0.17	0.26	0.39	9.49	0.11	0
AZ697	54	Haplogypsids, eroded-Haplogypsids complex, 35 to 75 percent slopes	0.09	0.21	0.39	14.35	0.31	0
AZ697	55	Hassell family-Lampshire-Rock outcrop complex, 10 to 30 percent slopes	0.11	0.24	0.44	10.49	0.32	20
AZ697	56	Hindu-Rock outcrop complex, 5 to 45 percent slopes	0.11	0.24	0.41	14.13	0.13	20
AZ697	57	Hooks-Courtland families complex, 1 to 5 percent slopes	0.08	0.16	0.4	3.81	0.67	0
AZ697	58	Hosta family sandy loam, 1 to 8 percent slopes	0.09	0.18	0.43	3.06	0.78	0
AZ697	59	House Mountain family-Calvista family-Rock outcrop complex, 10 to 35 percent slopes	0.11	0.22	0.4	8.71	0.22	20
AZ697	60	Huevi extremely cobbly sandy loam, 2 to 6 percent slopes	0.09	0.17	0.39	4.9	0.27	0
AZ697	61	Huevi very gravelly loam, 10 to 40 percent slopes	0.08	0.21	0.4	12.52	0.25	0
AZ697	62	Huevi very gravelly sandy loam, 15 to 35 percent slopes	0.08	0.16	0.4	4.68	0.33	0
AZ697	63	Huevi-Carrizo complex, 1 to 25 percent slopes	0.09	0.22	0.4	13.99	0.16	0
AZ697	64	Huevi-Carrwash complex, 2 to 75 percent slopes	0.06	0.13	0.4	3.72	0.54	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	65	Huevi-Sunrock-Rock outcrop complex, 20 to 70 percent slopes	0.08	0.19	0.4	9.38	0.24	10
AZ697	66	Hulda extremely gravelly sandy loam, 20 to 65 percent slopes	0.06	0.15	0.4	4.33	0.43	0
AZ697	67	Hulda-Rock outcrop complex, 20 to 65 percent slopes	0.07	0.16	0.4	4.28	0.39	20
AZ697	68	Hulda-Rock outcrop complex, moist, 35 to 70 percent slopes	0.1	0.19	0.42	4.26	0.31	35
AZ697	69	Ireteba family-Arizo complex, 1 to 3 percent slopes	0.08	0.16	0.4	4.6	0.53	0
AZ697	70	Jagerson very gravelly loam, 0 to 4 percent slopes	0.13	0.23	0.4	7.46	0.21	0
AZ697	71	Jagerson-Nealy complex, 1 to 3 percent slopes	0.16	0.26	0.41	8.75	0.12	0
AZ697	72	Kingtut-Promontory complex, 3 to 12 percent slopes	0.18	0.28	0.42	8.91	0.11	0
AZ697	73	Kinley gravelly loamy sand, 15 to 35 percent slopes	0.08	0.16	0.4	4.6	0.65	0
AZ697	74	Kurstan family-Dusty complex, 2 to 6 percent slopes	0.1	0.2	0.4	6.65	0.41	0
AZ697	75	Lampshire-Rock outcrop complex, 20 to 60 percent slopes	0.09	0.18	0.43	3.28	0.49	20
AZ697	76	Lostman gravelly sandy loam, moist, 1 to 5 percent slopes	0.1	0.19	0.42	4.78	0.44	0
AZ697	77	Lostman sandy loam, 1 to 4 percent slopes	0.07	0.17	0.42	4.01	0.69	0
AZ697	78	Luzena-Thunderbird complex, 3 to 20 percent slopes	0.22	0.35	0.46	15.98	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	79	Lykorly gravelly loam, 1 to 4 percent slopes	0.14	0.27	0.42	13.95	0.18	0
AZ697	80	Lykorly silt loam, moist, 1 to 5 percent slopes	0.1	0.29	0.48	19.11	0.36	0
AZ697	81	Manikan-Nuffel complex, 1 to 3 percent slopes	0.11	0.22	0.42	7.05	0.4	0
AZ697	82	Mathis family-Riverwash complex, 1 to 4 percent slopes	0.07	0.15	0.41	4.06	0.59	0
AZ697	83	Mayswell-Rock outcrop complex, 5 to 40 percent slopes	0.18	0.32	0.43	17.76	0.05	15
AZ697	84	Meadview extremely gravelly sandy loam, 5 to 40 percent slopes	0.09	0.18	0.4	4.97	0.28	0
AZ697	85	Meadview-Yurm family complex, 4 to 25 percent slopes	0.1	0.19	0.4	5.21	0.28	0
AZ697	86	Meriwhitica-Rock outcrop complex, 5 to 35 percent slopes	0.09	0.18	0.43	3.28	0.47	15
AZ697	87	Mextank very gravelly sandy loam, 2 to 15 percent slopes	0.14	0.23	0.42	6.14	0.17	0
AZ697	88	Milkweed-Quartermaster-Buckndoe complex, 2 to 20 percent slopes	0.14	0.27	0.44	10.74	0.16	0
AZ697	89	Milok-Pastern complex, 4 to 12 percent slopes	0.09	0.19	0.4	7.35	0.33	0
AZ697	90	Mutang-Dutchflat complex, 0 to 3 percent slopes	0.09	0.21	0.41	8.65	0.38	0
AZ697	91	Mutang-Wikieup-Rock outcrop complex, 3 to 30 percent slopes	0.1	0.23	0.41	14.27	0.24	15
AZ697	92	Nealy-Shamock family complex, 2 to 8 percent slopes	0.1	0.22	0.4	10.24	0.3	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	93	Nealy-Skelon family-Detrital complex, 3 to 10 percent slopes	0.09	0.17	0.4	4.7	0.37	0
AZ697	94	Nickel family-Bluebird complex, 15 to 45 percent slopes	0.13	0.23	0.4	8.27	0.13	0
AZ697	95	Nickel-Skelon family-Detrital complex, 3 to 10 percent slopes	0.08	0.16	0.4	4.4	0.36	0
AZ697	96	Nickel-Topawa-Eba families complex, 10 to 50 percent slopes	0.11	0.19	0.44	1.98	0.25	0
AZ697	97	Nodman-Antares complex, 3 to 15 percent slopes	0.14	0.23	0.4	7.17	0.12	0
AZ697	98	Nodman-Courtland family complex, 2 to 20 percent slopes	0.13	0.22	0.39	7.88	0.15	0
AZ697	99	Nodman-Rock outcrop complex, 15 to 65 percent slopes	0.17	0.27	0.4	10.06	0.06	20
AZ697	100	Nodman-Romero family complex, 15 to 65 percent slopes	0.08	0.16	0.39	5.05	0.3	0
AZ697	101	Nolam family-Ustalfic Petrocalcids-Caralampi family complex, 1 to 15 percent slopes	0.17	0.29	0.41	14.85	0.05	0
AZ697	102	Ohaco family-Bluebird complex, 2 to 8 percent slopes	0.11	0.2	0.41	5.83	0.29	0
AZ697	103	Orejano gravelly sandy loam, 4 to 35 percent slopes	0.24	0.38	0.49	15.15	0.05	0
AZ697	104	Pantak family-Taine-Terino family complex, 15 to 65 percent slopes	0.16	0.3	0.42	19.62	0.04	0
AZ697	105	Pastern-Strych complex, 4 to 20 percent slopes	0.11	0.24	0.41	13.9	0.16	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	106	Peachsprings-Havasupai complex, 2 to 35 percent slopes	0.09	0.17	0.41	3.63	0.37	0
AZ697	107	Pearce extremely stony loam, 4 to 15 percent slopes	0.11	0.24	0.41	14.13	0.14	0
AZ697	108	Pearce-Detrital-Rock outcrop complex, 20 to 75 percent slopes	0.09	0.22	0.4	13.91	0.17	10
AZ697	109	Pearce-Rock outcrop complex, 5 to 65 percent slopes	0.11	0.24	0.4	14.76	0.14	15
AZ697	110	Pedregosa-Tombstone families complex, 1 to 15 percent slopes	0.08	0.16	0.4	4.56	0.4	0
AZ697	111	Pidineen-Tricon families complex, 2 to 10 percent slopes	0.12	0.22	0.44	4.99	0.35	0
AZ697	112	Pits-Dumps complex	0	0.03	0.43	0.13	2	0
AZ697	113	Playa	0.2	0.37	0.46	10.8	0.04	0
AZ697	114	Prieta-Rock outcrop complex, 2 to 35 percent slopes	0.17	0.31	0.42	17.67	0.05	15
AZ697	115	Quagwa silt loam, 1 to 3 percent slopes	0.12	0.28	0.44	19	0.22	0
AZ697	116	Razorback extremely gravelly sandy loam, 15 to 35 percent slopes	0.08	0.16	0.4	4.6	0.36	0
AZ697	117	Razorback-Rock outcrop complex, 15 to 70 percent slopes	0.08	0.21	0.4	12.52	0.23	20
AZ697	118	Razorback-Rock outcrop complex, 20 to 70 percent slopes	0.11	0.24	0.41	14.13	0.16	30
AZ697	119	Rift silt loam, 0 to 1 percent slopes, frequently flooded	0.15	0.35	0.45	34.08	0.07	0
AZ697	120	Rift silty clay loam, 0 to 1 percent slopes	0.21	0.38	0.48	26.45	0.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	121	Rillino family-Shamock family-Dutchflat complex, 1 to 4 percent slopes	0.07	0.17	0.4	5.74	0.61	0
AZ697	122	Rock outcrop-Appleseed complex, 35 to 75 percent slopes	0.08	0.16	0.4	4.04	0.38	50
AZ697	123	Rock outcrop-Pearce complex, 35 to 75 percent slopes	0.1	0.19	0.39	6.03	0.26	55
AZ697	124	Rock outcrop-Razorback complex, 20 to 70 percent slopes	0.08	0.21	0.4	12.52	0.23	65
AZ697	125	Rock outcrop-Torriorthents complex, 35 to 75 percent slopes	0.25	0.38	0.46	17.1	0.02	50
AZ697	126	Rock outcrop-Torriorthents, cool complex, 35 to 75 percent slopes	0.25	0.38	0.46	17.1	0.02	50
AZ697	127	Rock outcrop-Valena-Kopie family complex, 5 to 35 percent slopes	0.1	0.19	0.41	4.72	0.44	50
AZ697	128	Rolie-Dean complex, 2 to 20 percent slopes	0.14	0.27	0.41	15.78	0.12	0
AZ697	129	Romero-Chiricahua-Rock outcrop complex, 5 to 35 percent slopes	0.23	0.34	0.43	9.85	0.03	20
AZ697	130	Romero-Lampshire-Rock outcrop complex, 35 to 70 percent slopes	0.15	0.26	0.42	6.94	0.11	15
AZ697	131	Rositas sand, 4 to 30 percent slopes	0.02	0.05	0.42	2.68	2	0
AZ697	132	Shortbread loamy sand, 1 to 4 percent slopes	0.04	0.1	0.41	1.1	1.43	0
AZ697	133	Shortbread-Kurstan family-Dusty complex, 0 to 7 percent slopes	0.08	0.17	0.42	3.4	0.6	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	134	Skelon family-Greyeagle family-Detrital complex, 3 to 30 percent slopes	0.09	0.18	0.41	4.29	0.38	0
AZ697	135	Skelon-Pinaleno families complex, 1 to 4 percent slopes	0.1	0.19	0.4	5.35	0.27	0
AZ697	136	Storybook very gravelly loam, 1 to 3 percent slopes	0.09	0.17	0.4	4.8	0.31	0
AZ697	137	Stronghold-McAllister families complex, 2 to 15 percent slopes	0.14	0.23	0.4	6.91	0.16	0
AZ697	138	Sunrock extremely gravelly sandy loam, 15 to 35 percent slopes	0.07	0.16	0.4	4.28	0.37	0
AZ697	139	Sunrock-Rock outcrop complex, 30 to 65 percent slopes	0.07	0.16	0.4	4.28	0.37	20
AZ697	140	Superstition family-Carrwash complex, 35 to 75 percent slopes	0.03	0.09	0.41	0.88	0.91	0
AZ697	141	Taine extremely cobbly loam, 12 to 35 percent slopes	0.21	0.34	0.45	14.75	0.04	0
AZ697	142	Thimble-Rock outcrop complex, 35 to 65 percent slopes	0.24	0.37	0.47	15.06	0.02	10
AZ697	143	Tombstone-Caralampi-Nolam families complex, 2 to 30 percent slopes	0.09	0.17	0.39	5.53	0.31	0
AZ697	144	Torriorthents, 25 to 75 percent slopes	0.25	0.38	0.46	17.1	0.02	0
AZ697	145	Torriorthents, gypsic-Haplocambids, gypsic complex, 3 to 15 percent slopes	0.22	0.33	0.43	13.42	0.04	0
AZ697	146	Torriorthents-Rock outcrop complex, 25 to 75 percent slopes	0.25	0.38	0.46	17.1	0.02	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	147	Tovar-Grandwash complex, 6 to 25 percent slopes	0.23	0.36	0.46	15.09	0.04	0
AZ697	148	Truxton complex, 1 to 3 percent slopes	0.1	0.31	0.45	29.57	0.18	0
AZ697	149	Tumarion very cobbly loam, 2 to 15 percent slopes	0.14	0.27	0.42	15.43	0.09	0
AZ697	150	Tumarion-Nickel family complex, 8 to 35 percent slopes	0.11	0.2	0.4	6.27	0.23	0
AZ697	151	Tumarion-Nickel family complex, moist, 5 to 40 percent slopes	0.11	0.2	0.4	6.18	0.23	0
AZ697	152	Tyro extremely stony sandy loam, 3 to 35 percent slopes	0.08	0.16	0.4	4.68	0.33	0
AZ697	153	Tyro very gravelly sandy loam, 3 to 30 percent slopes	0.08	0.16	0.4	4.68	0.35	0
AZ697	154	Tyro-Sunrock complex, 3 to 15 percent slopes	0.06	0.17	0.39	8.43	0.32	0
AZ697	155	Urban land-Calvista family complex, 2 to 10 percent slopes	0.08	0.18	0.39	4.82	0.43	0
AZ697	156	Ustorthents-Rock outcrop complex, 35 to 90 percent slopes	0.13	0.26	0.43	12.77	0.16	30
AZ697	157	Valena-Carri complex, 3 to 15 percent slopes	0.12	0.22	0.42	6.31	0.36	0
AZ697	158	Valena-Rock outcrop-Carri family complex, 1 to 25 percent slopes	0.12	0.21	0.42	5.49	0.38	20
AZ697	159	Vekol family gravelly loamy sand, 2 to 7 percent slopes	0.05	0.1	0.41	0.52	1.05	0
AZ697	160	Vekol family loam, 1 to 3 percent slopes	0.1	0.24	0.41	14.65	0.27	0
AZ697	161	Vekol family-Whitehills complex, 2 to 7 percent slopes	0.2	0.33	0.45	15.54	0.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ697	162	Vock-Elements-Rock outcrop complex, 30 to 65 percent slopes	0.09	0.17	0.42	3.61	0.46	10
AZ697	163	Vock-Elements-Rock outcrop complex, cool, 30 to 65 percent slopes	0.09	0.17	0.42	3.52	0.45	10
AZ697	164	Water	0.3	0.42	0.48	11.42	0.01	100
AZ697	165	White House gravelly loamy sand, 2 to 15 percent slopes	0.18	0.29	0.43	8.46	0.14	0
AZ697	166	White House family very gravelly loamy sand, 2 to 15 percent slopes	0.18	0.28	0.42	8.91	0.07	0
AZ697	167	Whitehills very gravelly loam, 1 to 5 percent slopes	0.11	0.24	0.41	14.13	0.15	0
AZ697	168	Wodomont-Kydestea complex, 5 to 40 percent slopes	0.1	0.2	0.43	5.01	0.28	0
AZ697	169	Wodomont-Metuck-Rock outcrop complex, 25 to 45 percent slopes	0.09	0.17	0.41	3.86	0.39	15
AZ697	170	Wodomont-Rock outcrop complex, 5 to 40 percent slopes	0.11	0.24	0.41	14.13	0.15	20
AZ697	171	Yahana family silty clay loam, 1 to 3 percent slopes	0.21	0.38	0.49	22.63	0.08	0
AZ697	172	Zibate family extremely gravelly sandy loam, 5 to 35 percent slopes	0.2	0.33	0.44	16.48	0.04	0
AZ697	173	Zibate family very stony loam, 12 to 30 percent slopes	0.17	0.31	0.43	17.07	0.06	0
AZ697	174	Zibate family-Dutchflat-Tumarion complex, 4 to 30 percent slopes	0.14	0.27	0.44	10.52	0.16	0
AZ699	1	Albers silty clay loam, 0 to 3 percent slopes	0.3	0.42	0.5	13.51	0.02	0
AZ699	2	Arizo-Lostman complex, 1 to 5 percent slopes	0.05	0.12	0.4	2.21	0.62	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ699	3	Arizo-Riverwash complex, 1 to 3 percent slopes	0.01	0.06	0.42	0.4	1.94	0
AZ699	4	Barx fine sandy loam, 1 to 6 percent slopes	0.17	0.27	0.41	9.6	0.11	0
AZ699	5	Bleumont-Frazwell association, 2 to 20 percent slopes	0.15	0.25	0.43	6.29	0.2	0
AZ699	6	Cowan family-Tobler complex, 0 to 3 percent slopes	0.04	0.12	0.41	2.04	1.22	0
AZ699	7	Curhollow-Puertecito complex, 1 to 12 percent slopes	0.16	0.29	0.42	16.09	0.08	0
AZ699	8	Curhollow-Rolie-Meriwhitica association, 1 to 35 percent slopes	0.14	0.27	0.42	14.77	0.12	0
AZ699	9	Curhollow-Tenderfoot complex, 1 to 8 percent slopes	0.15	0.29	0.43	15.29	0.08	0
AZ699	10	Deama-Rock outcrop complex, 25 to 55 percent slopes	0.14	0.28	0.43	13.24	0.11	20
AZ699	11	Disterheff gravelly fine sandy loam, cool, 1 to 8 percent slopes	0.15	0.29	0.44	14.01	0.15	0
AZ699	12	Disterheff gravelly loam, 1 to 4 percent slopes	0.15	0.29	0.44	14.01	0.15	0
AZ699	13	Frazwell-Jacques complex, 1 to 3 percent slopes	0.22	0.36	0.46	15.5	0.05	0
AZ699	14	Grandwash extremely flaggy sandy loam, 2 to 25 percent slopes	0.28	0.42	0.48	15.79	0.01	0
AZ699	15	Havasupai very gravelly loam, 1 to 8 percent slopes	0.12	0.25	0.4	15.77	0.13	0
AZ699	16	Hermshale extremely flaggy fine sandy loam, 15 to 35 percent slopes	0.14	0.28	0.43	13.64	0.16	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ699	17	Hidvalle very fine sandy loam, 1 to 6 percent slopes	0.11	0.21	0.42	5.76	0.47	0
AZ699	18	Hindu-Rock outcrop complex, 5 to 45 percent slopes	0.11	0.24	0.41	14.13	0.13	20
AZ699	19	Lostman family-Harrisburg complex, 1 to 5 percent slopes	0.1	0.2	0.4	6.86	0.38	0
AZ699	20	Luzena-Thunderbird complex, 3 to 20 percent slopes	0.2	0.33	0.45	15.42	0.06	0
AZ699	21	Lykorly gravelly loam, 1 to 4 percent slopes	0.19	0.32	0.45	15.44	0.09	0
AZ699	22	Lykorly silt loam, moist, 1 to 5 percent slopes	0.16	0.33	0.46	21.59	0.11	0
AZ699	23	Metuck-Rock outcrop complex, 15 to 60 percent slopes	0.12	0.2	0.41	4.19	0.24	30
AZ699	24	Mextank-Lykorly-Disterheff complex, 2 to 20 percent slopes	0.14	0.25	0.43	7.47	0.18	0
AZ699	25	Milkweed-Quartermaster-Buckndoe complex, 2 to 20 percent slopes	0.14	0.27	0.44	10.74	0.16	0
AZ699	26	Milok-Pastern complex, 4 to 12 percent slopes	0.09	0.19	0.4	7.35	0.33	0
AZ699	27	Natank-Disterheff-Yumtheska complex, 2 to 35 percent slopes	0.24	0.37	0.47	14.91	0.03	0
AZ699	28	Nickel extremely gravelly sandy loam, 2 to 35 percent slopes	0.09	0.18	0.4	4.97	0.28	0
AZ699	29	Peachsprings-Havasupai complex, 2 to 35 percent slopes	0.09	0.17	0.41	3.63	0.37	0
AZ699	30	Pinntank fine sandy loam, 1 to 8 percent slopes	0.13	0.21	0.43	3.47	0.47	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ699	31	Pinntank-Pocomate-Retsover complex, 1 to 30 percent slopes	0.18	0.32	0.47	11.99	0.14	0
AZ699	32	Plaintank-Barx complex, 1 to 5 percent slopes	0.16	0.3	0.43	15.37	0.11	0
AZ699	33	Pocomate-Rock outcrop complex, 15 to 55 percent slopes	0.15	0.29	0.47	10.15	0.16	35
AZ699	34	Poley loam, 1 to 5 percent slopes	0.14	0.28	0.43	13.24	0.21	0
AZ699	35	Poley-Rolie complex, 1 to 8 percent slopes	0.18	0.31	0.43	16.06	0.08	0
AZ699	36	Prieta-Rock outcrop complex, 2 to 35 percent slopes	0.21	0.35	0.44	16.65	0.03	15
AZ699	37	Quagwa silt loam, 1 to 3 percent slopes	0.12	0.28	0.44	19	0.22	0
AZ699	38	Rizno-Rock outcrop complex, 2 to 15 percent slopes	0.08	0.17	0.42	3.32	0.69	25
AZ699	39	Rock outcrop-Torriorthents complex, 35 to 120 percent slopes	0.25	0.38	0.46	17.1	0.02	60
AZ699	40	Rolie-Dean complex, 2 to 20 percent slopes	0.14	0.27	0.41	15.78	0.12	0
AZ699	41	Saemo extremely gravelly sandy loam, 2 to 45 percent slopes	0.16	0.26	0.41	9.16	0.1	0
AZ699	42	Sazi family very gravelly fine sandy loam, 1 to 5 percent slopes	0.1	0.18	0.42	3.53	0.4	0
AZ699	43	Courthouse-Rock outcrop complex, 2 to 15 percent slopes	0.15	0.25	0.4	9.25	0.12	40
AZ699	44	Sponiker loam, 1 to 4 percent slopes	0.16	0.3	0.46	11.73	0.2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ699	45	Theecan-Pinespring association, 2 to 35 percent slopes	0.19	0.3	0.45	7.69	0.14	0
AZ699	46	Topocoba-Wodomont association, 2 to 15 percent slopes	0.13	0.25	0.43	8.28	0.2	0
AZ699	47	Dye-Tovar-Rock outcrop complex, 1 to 15 percent slopes	0.14	0.27	0.43	13.03	0.21	20
AZ699	48	Toqui-Yumtheska complex, 2 to 30 percent slopes	0.21	0.34	0.46	14.42	0.05	0
AZ699	49	Tovar extremely flaggy fine sandy loam, 2 to 25 percent slopes	0.21	0.35	0.46	15.17	0.03	0
AZ699	50	Tovar very fine sandy loam, 1 to 10 percent slopes	0.14	0.28	0.43	13.24	0.19	0
AZ699	51	Turkeytrack gravelly loam, 1 to 6 percent slopes	0.16	0.29	0.45	12.86	0.17	0
AZ699	52	Ustorthents-Rock outcrop complex, 35 to 90 percent slopes	0.13	0.26	0.43	12.77	0.16	30
AZ699	53	Winona-Curhollow complex, 1 to 12 percent slopes	0.14	0.27	0.41	16.49	0.08	0
AZ699	54	Winona-Rock outcrop complex, 15 to 55 percent slopes	0.12	0.28	0.42	21.94	0.11	30
AZ699	55	Winona-Rock outcrop-Tusayan complex, 15 to 55 percent slopes	0.12	0.24	0.41	10.23	0.13	25
AZ699	56	Wodomont-Coconino complex, 2 to 15 percent slopes	0.13	0.25	0.42	8.9	0.19	0
AZ699	57	Wodomont-Rock outcrop complex, 5 to 40 percent slopes	0.14	0.27	0.43	12.83	0.12	20
AZ699	58	Wukoki-Lomaki complex, 15 to 50 percent slopes	0.15	0.28	0.43	14.6	0.09	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ699	59	Wyva-Rock outcrop complex, 5 to 35 percent slopes	0.2	0.33	0.44	16.48	0.04	25
AZ699	60	Water	0.3	0.42	0.48	11.42	0.01	100
AZ701	1	Albers clay loam, 0 to 1 percent slopes	0.23	0.38	0.51	13.27	0.1	0
AZ701	2	Argic Petrocalcids, 8 to 15 percent slopes	0.21	0.34	0.44	17.14	0.02	0
AZ701	3	Argic Petrocalcids, warm, 2 to 30 percent slopes	0.21	0.34	0.44	17.14	0.02	0
AZ701	4	Aridic Haplustalfs-Lithic Haplustalfs complex, 2 to 30 percent slopes	0.19	0.31	0.44	11.49	0.1	0
AZ701	5	Aridic Haplustepts, 0 to 8 percent slopes	0.14	0.24	0.39	9.98	0.14	0
AZ701	6	Aridic Lithic Ustorthents-Rock outcrop complex, supai group, cool, 15 to 55 percent slopes	0.02	0.06	0.41	0.29	2	30
AZ701	7	Arizo very gravelly sandy loam, 1 to 5 percent slopes	0.06	0.14	0.39	4.55	0.43	0
AZ701	8	Bilburc very gravelly loam, 2 to 6 percent slopes	0.13	0.27	0.47	8.84	0.26	0
AZ701	9	Binsin-Bilburc-Yumtheska complex, 2 to 15 percent slopes	0.15	0.29	0.49	6.87	0.23	0
AZ701	10	Bluepoint-Rock outcrop complex, 5 to 15 percent slopes	0.02	0.05	0.42	2.68	2	25
AZ701	11	Bobzbulz extremely gravelly sandy loam, 2 to 10 percent slopes	0.08	0.17	0.39	4.98	0.29	0
AZ701	12	Bobzbulz extremely gravelly sandy loam, 30 to 55 percent slopes	0.13	0.23	0.39	7.97	0.18	0
AZ701	13	Bobzbulz-Snapcan association	0.11	0.21	0.39	8.72	0.15	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	14	Calcic Petrocalcids, 2 to 15 percent slopes	0.08	0.17	0.39	5.03	0.3	0
AZ701	15	Calcic Petrocalcids-Calcic Petrocalcids, moderately steep-Rock outcrop complex, hermit formation, 2 to 50 percent slopes	0.08	0.17	0.39	5.03	0.3	30
AZ701	16	Calcic Petrocalcids-Rock outcrop complex, 15 to 55 percent slopes	0.08	0.17	0.39	5.03	0.3	20
AZ701	17	Calcic Petrocalcids-Typic Haplocambids complex, 15 to 30 percent slopes	0.12	0.22	0.4	6.75	0.17	0
AZ701	18	Carrizo complex, 1 to 5 percent slopes	0.02	0.08	0.41	0.85	1.03	0
AZ701	19	Carrizo-Carrizo-Riverbend association	0.01	0.06	0.42	1.94	1.72	0
AZ701	20	Childers-Lava flows association, 4 to 15 percent slopes	0.08	0.24	0.39	23.56	0.14	35
AZ701	21	Chilton-Teesto-Puertecito families complex, 15 to 55 percent slopes	0.08	0.17	0.4	5.28	0.27	0
AZ701	22	Chunkmonk-Wodomont-Houserock families complex, 15 to 40 percent slopes	0.09	0.22	0.4	13.82	0.16	0
AZ701	23	Chunkmonk-Wodomont-Toqui families complex, 2 to 15 percent slopes	0.12	0.25	0.41	14.54	0.15	0
AZ701	24	Cliffdown, moderately steep-Cliffdown families complex, 15 to 40 percent slopes	0.08	0.2	0.39	13.66	0.2	0
AZ701	25	Cliffdown-Izo families complex, 2 to 8 percent slopes	0.05	0.15	0.4	3.8	0.45	0
AZ701	26	Curhollow-Lapoint-Mellenthin families complex, 2 to 15 percent slopes	0.13	0.26	0.41	16.73	0.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	27	Curhollow-Mellenthin complex, 2 to 25 percent slopes	0.12	0.25	0.4	15.53	0.13	0
AZ701	28	Curhollow-Meriwhitica complex, 2 to 25 percent slopes	0.12	0.26	0.41	16.76	0.12	0
AZ701	29	Curhollow-Puertecito complex, 1 to 12 percent slopes	0.16	0.3	0.43	16.54	0.08	0
AZ701	30	Curhollow-Puertecito-Mellenthin families complex, 2 to 25 percent slopes	0.12	0.24	0.4	12.45	0.12	0
AZ701	31	Curhollow-Tenderfoot complex, 1 to 8 percent slopes	0.15	0.29	0.43	15.29	0.08	0
AZ701	32	Curob-Whirlo families complex, 15 to 30 percent slopes	0.07	0.18	0.4	7.59	0.31	0
AZ701	33	Deama-Rock outcrop complex, 25 to 55 percent slopes	0.14	0.28	0.43	13.24	0.11	20
AZ701	34	Dera family, 15 to 55 percent slopes	0.1	0.25	0.39	24.15	0.09	0
AZ701	35	Disterheff-Albers association, 1 to 3 percent slopes	0.24	0.39	0.49	16.57	0.04	0
AZ701	36	Disterheff-Yumtheska complex, 2 to 6 percent slopes	0.12	0.25	0.42	12.92	0.15	0
AZ701	37	Elledge family, 2 to 15 percent slopes	0.07	0.16	0.39	5.08	0.62	0
AZ701	38	Elledge family, 15 to 40 percent slopes	0.1	0.24	0.44	10.03	0.37	0
AZ701	39	Firo family-Sandia-Rock outcrop complex, 15 to 55 percent slopes	0.1	0.22	0.48	2.96	0.48	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	40	Fluvaquents-Psamments complex, 2 to 6 percent slopes	0.04	0.12	0.43	1.79	0.84	0
AZ701	41	Fluvaquents-Psamments complex, warm, 2 to 6 percent slopes	0.04	0.12	0.43	1.79	0.84	0
AZ701	42	Garr-Zibate families complex, 2 to 15 percent slopes	0.19	0.32	0.43	17.61	0.05	0
AZ701	43	Gypill fine sandy loam, 15 to 40 percent slopes	0.05	0.13	0.39	4.17	0.87	0
AZ701	44	Gypill-Meadview complex, 2 to 15 percent slopes	0.08	0.19	0.4	7.35	0.45	0
AZ701	45	Haplocalcids-Rock outcrop complex, 1 to 19 percent slopes	0.08	0.2	0.39	14.21	0.18	15
AZ701	46	Hindu-Rock outcrop complex, 5 to 45 percent slopes	0.11	0.24	0.4	15.34	0.14	20
AZ701	47	Huevi extremely gravelly fine sandy loam, 2 to 4 percent slopes	0.07	0.15	0.39	4.36	0.39	0
AZ701	48	Iceberg-Rock outcrop-Helkitchen association	0.08	0.19	0.39	10.12	0.22	25
AZ701	49	Kaiparowits gravelly fine sandy loam, 15 to 40 percent slopes	0.12	0.27	0.49	7.11	0.4	0
AZ701	50	Kaiparowits-Plite family complex, 2 to 8 percent slopes	0.11	0.26	0.49	6.41	0.59	0
AZ701	51	Kanabownits fine sandy loam, 15 to 40 percent slopes	0.08	0.18	0.48	0.62	1.2	0
AZ701	52	Kanabownits-Kippers-Kaiparowits complex, 2 to 15 percent slopes	0.11	0.27	0.54	4.52	0.59	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	53	Kanabownits-Kippers-Kaiparowits complex, cool, 2 to 15 percent slopes	0.13	0.25	0.48	4.04	0.42	0
AZ701	54	Kanackey family, 8 to 15 percent slopes	0.17	0.27	0.4	10.02	0.06	0
AZ701	55	Kellypoint-Luzena complex, 2 to 15 percent slopes	0.2	0.36	0.48	19.4	0.07	0
AZ701	56	Kellypoint-Rock outcrop complex, 15 to 35 percent slopes	0.28	0.42	0.54	8.53	0.07	15
AZ701	57	Lava flows-Typic Torriorthents complex, 30 to 60 percent slopes	0.07	0.15	0.39	4.52	0.53	80
AZ701	58	Lithic Haplargids, shinumo formation, 8 to 15 percent slopes	0.27	0.38	0.44	11.83	0.01	0
AZ701	59	Lithic Haplargids-Rock outcrop complex, redwall formation, 2 to 30 percent slopes	0.27	0.38	0.44	11.83	0.01	20
AZ701	60	Lithic Haplargids-Typic Haplargids-Lava flows complex, 2 to 35 percent slopes	0.25	0.35	0.43	11.52	0.02	15
AZ701	61	Lithic Haplocalcids, pakoon limestone, 2 to 8 percent slopes	0.05	0.14	0.39	4.18	0.47	0
AZ701	62	Lithic Haplocalcids-Rock outcrop complex, esplanade formation, 2 to 15 percent slopes	0.05	0.14	0.39	4.18	0.47	30
AZ701	63	Lithic Haplocambids-Lithic Haplargids complex, bright angel and tapeats formations, 2 to 15 percent slopes	0.21	0.31	0.41	10.36	0.04	0
AZ701	64	Lithic Haplustalfs-Lava flows complex, 30 to 60 percent slopes	0.18	0.28	0.4	9.94	0.08	45

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	65	Lithic Haplustolls-Udic Haplustolls-Rock outcrop complex, kaibab, torroweap and coconino formations, 15 to 55 percent slopes	0.15	0.28	0.41	9.81	0.08	20
AZ701	66	Lithic Torriorthents-Lithic Calciargids complex, bright angel and tapeats formations, hyperthermic, 2 to 55 percent slopes	0.16	0.3	0.41	15.46	0.1	0
AZ701	67	Lithic Torriorthents-Lithic Calciargids complex, bright angel and tapeats formations, thermic, 2 to 55 percent slopes	0.15	0.29	0.41	14.28	0.1	0
AZ701	68	Lithic Torriorthents-Rock outcrop complex, dox formation, 15 to 60 percent slopes	0.17	0.31	0.42	18.12	0.08	45
AZ701	69	Lithic Torriorthents-Rock outcrop complex, esplanade formation, 2 to 8 percent slopes	0.17	0.31	0.42	18.12	0.08	30
AZ701	70	Lithic Torriorthents-Rock outcrop complex, muav and redwall formations, 15 to 70 percent slopes	0.17	0.31	0.42	18.12	0.08	30
AZ701	71	Lithic Torriorthents-Typic Torriorthents-Rock outcrop complex, hermit formation, 3 to 85 percent slopes	0.13	0.24	0.41	9.87	0.18	20
AZ701	72	Lithic Ustic Torriorthents-Rock outcrop complex, hermit formation, 20 to 50 percent slopes	0.18	0.28	0.4	10.14	0.09	40
AZ701	73	Lithic Ustic Torriorthents-Rock outcrop complex, supai group, 15 to 55 percent slopes	0.18	0.28	0.4	10.14	0.09	30

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	74	Lithic Ustic Torriorthents-Udic Haplustolls-Rock outcrop complex, kaibab, toroweap and coconino formations, 15 to 55 percent slopes	0.16	0.29	0.4	10.09	0.09	15
AZ701	75	Lostman family-Harrisburg complex, 1 to 5 percent slopes	0.1	0.2	0.4	6.86	0.39	0
AZ701	76	Luzena-Kellypoint complex, 2 to 35 percent slopes	0.23	0.38	0.48	17.77	0.05	0
AZ701	77	Lykorly gravelly loam, 1 to 4 percent slopes	0.19	0.32	0.45	15.44	0.09	0
AZ701	78	Lykorly loam, 2 to 4 percent slopes	0.14	0.28	0.47	9.38	0.35	0
AZ701	79	Meadview-Arizo complex, 1 to 5 percent slopes	0.06	0.16	0.39	9.68	0.45	0
AZ701	80	Meriwhitica-Rock outcrop complex, 35 to 70 percent slopes	0.09	0.17	0.39	4.49	0.28	30
AZ701	81	Meriwhitica-Tassi complex, 0 to 33 percent slopes	0.03	0.13	0.4	4.14	0.76	0
AZ701	82	Metuck family-Rock outcrop complex, 8 to 50 percent slopes	0.08	0.2	0.39	13.66	0.2	30
AZ701	83	Natank-Disterheff-Yumtheska complex, 2 to 35 percent slopes	0.24	0.37	0.47	14.91	0.03	0
AZ701	84	Natank-Yumtheska complex, 2 to 8 percent slopes	0.16	0.31	0.45	16.37	0.1	0
AZ701	85	Nutter-Gyppocket complex, 2 to 20 percent slopes	0.08	0.19	0.39	8.48	0.26	0
AZ701	86	Orrubo very gravelly loam, 15 to 35 percent slopes	0.09	0.22	0.39	14.22	0.17	0
AZ701	87	Orrubo-Meadview-Meadview, moderately steep complex, 2 to 40 percent slopes	0.08	0.18	0.39	8.31	0.24	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	88	Orthents-Rock outcrop complex, 2 to 6 percent slopes	0.13	0.26	0.43	12.81	0.17	20
AZ701	89	Oxyaquic Torriorthents-Typic Endoaquents association, 1 to 4 percent slopes	0.02	0.08	0.41	0.9	1.13	0
AZ701	90	Phizphre-Rock outcrop complex, 8 to 15 percent slopes	0.09	0.26	0.43	18.5	0.22	15
AZ701	91	Pinntank-Retsover complex, 2 to 8 percent slopes	0.14	0.31	0.49	12.87	0.31	0
AZ701	92	Plite-Canburn families complex, 2 to 8 percent slopes	0.1	0.25	0.49	5.97	0.71	0
AZ701	93	Pocomate-Pinntank complex, 15 to 30 percent slopes	0.18	0.32	0.47	10.77	0.13	0
AZ701	94	Pocomate-Pinntank-Toqui complex, 15 to 25 percent slopes	0.16	0.32	0.46	15.72	0.12	0
AZ701	95	Pocomate-Pinntank-Ustifluvents complex, 2 to 30 percent slopes	0.15	0.3	0.48	10.09	0.18	0
AZ701	96	Pompeii family-Huevi-Huevi, moderately steep complex, 2 to 25 percent slopes	0.07	0.18	0.39	8.95	0.25	0
AZ701	97	Puertecito family, 2 to 8 percent slopes	0.11	0.24	0.41	14.13	0.19	0
AZ701	98	Puertecito family, 15 to 35 percent slopes	0.11	0.24	0.41	14.13	0.16	0
AZ701	99	Puertecito-Meriwhitica-Progresso families complex, 2 to 8 percent slopes	0.12	0.24	0.4	11.36	0.14	0
AZ701	100	Robroost fine sandy loam, 1 to 3 percent slopes	0.09	0.21	0.39	14.6	0.28	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	101	Rock outcrop-Akela family complex, 15 to 60 percent slopes	0.07	0.16	0.39	5.08	0.34	45
AZ701	102	Rock outcrop-Cellar family complex, 15 to 60 percent slopes	0.04	0.09	0.4	0.78	0.72	75
AZ701	103	Rock outcrop-Lithic Torriorthents complex, 15 to 60 percent slopes	0.17	0.31	0.42	18.12	0.08	70
AZ701	104	Rock outcrop-Lithic Torriorthents complex, cardenas formation, 15 to 60 percent slopes	0.17	0.31	0.42	18.12	0.08	70
AZ701	105	Rock outcrop-Lithic Torriorthents complex, hakatai formation, 15 to 60 percent slopes	0.17	0.31	0.42	18.12	0.08	80
AZ701	106	Rock outcrop-Lithic Torriorthents complex, kaibab, toroweap, and coconino formations, 15 to 60 percent slopes	0.17	0.31	0.42	18.12	0.08	60
AZ701	107	Rock outcrop-Lithic Torriorthents complex, moenkopi, kaibab, and toroweap formations, 15 to 60 percent slopes	0.17	0.31	0.42	18.12	0.08	70
AZ701	108	Rock outcrop-Lithic Torriorthents complex, nankoweap formation, 2 to 8 percent slopes	0.17	0.31	0.42	18.12	0.08	70
AZ701	109	Rock outcrop-Lithic Torriorthents complex, supai group, 15 to 60 percent slopes	0.17	0.31	0.42	18.12	0.08	60
AZ701	110	Rock outcrop-Lithic Torriorthents complex, vishnu schist formation, 15 to 60 percent slopes	0.17	0.31	0.42	18.12	0.08	60

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	111	Rock outcrop-Lithic Ustic Torriorthents complex, esplanade formation, 2 to 8 percent slopes	0.18	0.28	0.4	10.14	0.09	60
AZ701	112	Rock outcrop-Lithic Ustic Torriorthents-Ustic Haplocalcids complex, tonto group and redwall formation, 30 to 60 percent slopes	0.14	0.23	0.4	7.56	0.15	45
AZ701	113	Rock outcrop-Skos-Seis families complex, 30 to 60 percent slopes	0.06	0.17	0.39	8.25	0.32	40
AZ701	114	Rock outcrop-Torriorthents complex, kaibab formation, 15 to 85 percent slopes	0.25	0.38	0.46	17.1	0.02	70
AZ701	115	Rock outcrop-Torriorthents-Lithic Torriorthents complex, supai group and redwall formation, 2 to 60 percent slopes	0.22	0.35	0.44	17.5	0.03	50
AZ701	116	Rock outcrop-Typic Torriorthents complex, hermit formation, 15 to 60 percent slopes	0.07	0.15	0.39	4.52	0.53	60
AZ701	117	Rock outcrop-Typic Torriorthents complex, tonto group and redwall formation, 30 to 60 percent slopes	0.07	0.15	0.39	4.52	0.53	60
AZ701	118	Rockyroad very cobbly silty clay loam, 2 to 10 percent slopes	0.29	0.41	0.49	13.79	0.02	0
AZ701	119	Skos family-Rock outcrop complex, 15 to 55 percent slopes	0.06	0.19	0.39	13.6	0.24	30
AZ701	120	Skos family-Sandia-Rock outcrop complex, 15 to 55 percent slopes	0.07	0.16	0.42	3.14	0.47	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	121	Tassi gravelly loamy very fine sand, 0 to 3 percent slopes	0.04	0.14	0.39	6.1	0.85	0
AZ701	122	Topocoba family, 2 to 8 percent slopes	0.12	0.25	0.43	12.33	0.16	0
AZ701	123	Topocoba-Wodomont association, 2 to 15 percent slopes	0.13	0.25	0.43	8.28	0.2	0
AZ701	124	Toqui gravelly loam, 1 to 8 percent slopes	0.27	0.4	0.47	16.48	0.02	0
AZ701	125	Toqui-Yumtheska complex, 2 to 30 percent slops	0.21	0.34	0.46	14.42	0.05	0
AZ701	126	Torriorthents-Haplocalcids-Lava flows complex, 10 to 40 percent slopes	0.07	0.15	0.39	4.77	0.35	20
AZ701	127	Torriorthents-Haplogypsids complex, muddy creek formation, 35 to 75 percent slopes	0.2	0.33	0.44	16.22	0.05	0
AZ701	128	Torriorthents-Lithic Haplargids-Rock outcrop complex, tonto group, 15 to 60 percent slopes	0.26	0.38	0.45	15.34	0.02	15
AZ701	129	Torriorthents-Rock outcrop complex, hermit formation, 2 to 40 percent slopes	0.25	0.38	0.46	17.1	0.02	30
AZ701	130	Tovar loam, 2 to 8 percent slopes	0.13	0.26	0.43	12.81	0.23	0
AZ701	131	Tovar-Toqui-Yumtheska complex, 2 to 8 percent slopes	0.15	0.29	0.44	12.09	0.16	0
AZ701	132	Tunitcha-Valto family-Plite family complex, 2 to 15 percent slopes	0.07	0.16	0.42	3.18	0.63	0
AZ701	133	Twist very cobbly loam, 1 to 8 percent slopes	0.19	0.32	0.42	17.71	0.05	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	134	Typic Calciargids-Lava flows complex, 2 to 30 percent slopes	0.09	0.17	0.39	5.44	0.26	30
AZ701	135	Typic Haplocalcids, 2 to 8 percent slopes	0.08	0.16	0.39	4.26	0.34	0
AZ701	136	Typic Haplocalcids, 15 to 55 percent slopes	0.08	0.16	0.39	4.26	0.34	0
AZ701	137	Typic Haplocalcids-Typic Calciargids complex, 2 to 15 percent slopes	0.08	0.16	0.39	4.7	0.31	0
AZ701	138	Typic Haplocalcids-Typic Petrocalcids complex, 15 to 25 percent slopes	0.08	0.18	0.39	7.03	0.26	0
AZ701	139	Typic Haplocalcids-Typic Torriorthents complex, 2 to 15 percent slopes	0.08	0.16	0.39	4.34	0.39	0
AZ701	140	Typic Haplogypsids, hermit formation, 8 to 15 percent slopes	0.12	0.2	0.39	5.88	0.31	0
AZ701	141	Typic Petrocalcids-Haplogypsids-Rock outcrop complex, hermit formation, 8 to 45 percent slopes	0.09	0.22	0.39	14.72	0.21	20
AZ701	142	Typic Petrocalcids-Rock outcrop complex, hermit formation, 2 to 50 percent slopes	0.09	0.22	0.39	14.89	0.17	30
AZ701	143	Typic Torrifluvents, 0 to 1 percent slopes	0.06	0.14	0.38	2.97	0.74	0
AZ701	144	Typic Torrifluvents-Typic Torripsamments complex, 0 to 6 percent slopes	0.05	0.13	0.39	2.02	0.87	0
AZ701	145	Typic Torrifluvents-Typic Torripsamments complex, cool, 0 to 6 percent slopes	0.05	0.12	0.39	1.48	1	0
AZ701	146	Typic Torriorthents soils and badlands, chuar group, 15 to 65 percent slopes	0.09	0.19	0.39	6.08	0.32	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	147	Typic Torriorthents, 2 to 8 percent slopes	0.07	0.15	0.39	4.52	0.53	0
AZ701	148	Typic Torriorthents-Typic Haplogypsids complex, hermit formation, 15 to 40 percent slopes	0.09	0.17	0.39	5.02	0.43	0
AZ701	149	Ustic Haplargids-Lava flows complex, 2 to 20 percent slopes	0.15	0.25	0.4	9.3	0.15	30
AZ701	150	Ustic Haplocalcids-Ustic Petrocalcids complex, 2 to 4 percent slopes	0.09	0.17	0.39	5.24	0.29	0
AZ701	151	Ustic Haplocalcids-Ustic Petrocalcids-Rock outcrop complex, hermit formation, 8 to 60 percent slopes	0.1	0.18	0.39	5.62	0.26	15
AZ701	152	Ustic Haplocambids, 1 to 2 percent slopes	0.23	0.35	0.43	14.18	0.02	0
AZ701	153	Ustic Haplocambids, 2 to 15 percent slopes	0.23	0.35	0.43	14.18	0.02	0
AZ701	154	Ustic Torriorthents soils and badlands, chuar group, 15 to 65 percent slopes	0.13	0.24	0.39	8.51	0.16	0
AZ701	155	Ustic Torriorthents, 0 to 1 percent slopes	0.15	0.24	0.39	8.84	0.13	0
AZ701	156	Ustic Torriorthents, 2 to 4 percent slopes	0.15	0.24	0.39	8.84	0.13	0
AZ701	157	Ustic Torriorthents, 4 to 15 percent slopes	0.15	0.24	0.39	8.84	0.13	0
AZ701	158	Ustic Torriorthents-Lithic Ustic Torriorthents-Lithic Ustic Haplargids complex, tonto group and redwall formation, 8 to 60 percent slopes	0.15	0.25	0.39	9.1	0.13	0
AZ701	159	Valleycity-Berzatic-Seeg families complex, 8 to 60 percent slopes	0.11	0.2	0.4	6.05	0.18	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	160	Vitrandic Haplocalcids, 15 to 40 percent slopes	0.17	0.26	0.39	9.49	0.11	0
AZ701	161	Vitrandic Haplocambids-Vitrandic Haplocalcids complex, 15 to 40 percent slopes	0.17	0.26	0.39	9.49	0.11	0
AZ701	162	Water	0.3	0.42	0.48	11.42	0.01	100
AZ701	163	Wauquie-Houserock families complex, 2 to 65 percent slopes	0.15	0.28	0.42	14.96	0.07	0
AZ701	164	Winkel family, 15 to 55 percent slopes	0.07	0.2	0.4	12.41	0.29	0
AZ701	165	Winkel-Rock outcrop complex, 2 to 12 percent slopes	0.07	0.15	0.39	3.63	0.38	15
AZ701	166	Winona-Rock outcrop-Tusayan complex, 15 to 55 percent slopes	0.12	0.24	0.41	10.23	0.13	25
AZ701	167	Wodomont-Topocoba-Plumasano families complex, 2 to 15 percent slopes	0.09	0.21	0.41	9.14	0.28	0
AZ701	168	Wutoma-Lozinta complex, 15 to 60 percent slopes	0.04	0.11	0.41	0.97	0.77	0
AZ701	169	Yellowhorse-Luzena-Sponiker association, 2 to 15 percent slopes	0.19	0.33	0.46	13.39	0.09	0
AZ701	170	Yumtheska-Bilburc association, 10 to 45 percent slopes	0.17	0.33	0.49	12.78	0.14	0
AZ701	171	Yumtheska-Katzine-Rock outcrop complex, 2 to 30 percent slopes	0.12	0.26	0.43	12.52	0.16	20
AZ701	172	Yumtheska-Rock outcrop complex, 0 to 2 percent slopes	0.15	0.29	0.47	9.89	0.18	40
AZ701	173	Yumtheska-Rock outcrop complex, 2 to 8 percent slopes	0.15	0.3	0.48	8.8	0.2	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ701	174	Yumtheska-Rock outcrop complex, 15 to 45 percent slopes	0.15	0.32	0.5	12.43	0.18	25
AZ701	175	Yumtheska-Toqui-Rock outcrop complex, 2 to 8 percent slopes	0.15	0.27	0.45	7.49	0.19	15
AZ701	176	Yumtheska-Toqui-Rock outcrop complex, 15 to 40 percent slopes	0.17	0.3	0.46	11.49	0.12	15
AZ701	177	Zibate family, 2 to 8 percent slopes	0.18	0.32	0.42	18.23	0.04	0
AZ703	1	Ajo-Pinamt, deep, complex, 3 to 15 percent slopes	0.12	0.21	0.4	6.71	0.18	0
AZ703	2	Anklam-Cellar-Rock outcrop complex, 15 to 55 percent slopes	0.12	0.21	0.4	6.28	0.18	20
AZ703	3	Anklam very gravelly sandy loam, 3 to 15 percent slopes	0.06	0.15	0.4	4.06	0.5	0
AZ703	4	Arizo-Riverwash complex, 0 to 3 percent slopes	0.03	0.09	0.4	0.72	1.36	0
AZ703	5	Baboquivari-Combate complex, 1 to 8 percent slopes	0.06	0.14	0.44	3	1.01	0
AZ703	6	Bucklebar-Hayhook-Tubac complex, 0 to 3 percent slopes	0.09	0.18	0.4	4.63	0.53	0
AZ703	7	Caralampi-Selevin-Kimrose complex, 5 to 50 percent slopes	0.2	0.31	0.43	9.5	0.04	0
AZ703	8	Casa Grande-Kamato complex, 0 to 1 percent slopes	0.13	0.25	0.41	12.75	0.19	0
AZ703	9	Casa Grande-Rositas-Valencia complex, 0 to 5 percent slopes	0.08	0.16	0.4	3.18	0.61	0
AZ703	10	Cellar-Lampshire-Rock outcrop complex, 15 to 60 percent slopes	0.08	0.17	0.41	3.93	0.44	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ703	11	Chiricahua-Lampshire complex, 15 to 45 percent slopes	0.11	0.22	0.42	8.4	0.22	0
AZ703	12	Chuichu-Rock outcrop complex, 15 to 45 percent slopes	0.14	0.27	0.42	15.43	0.1	25
AZ703	13	Chutum loam, 1 to 3 percent slopes	0.19	0.32	0.43	16.63	0.07	0
AZ703	14	Combate gravelly loamy coarse sand, 2 to 8 percent slopes	0.04	0.11	0.45	3.23	1.48	0
AZ703	15	Dateland-Denure association, 1 to 3 percent slopes	0.08	0.15	0.39	4.01	0.58	0
AZ703	16	Delnorte-Stagecoach complex, 1 to 20 percent slopes	0.09	0.2	0.4	8.43	0.27	0
AZ703	17	Delthorny-Caracara complex, 3 to 25 percent slopes	0.11	0.2	0.4	5.69	0.23	0
AZ703	18	Delthorny-Garzona-Rock outcrop complex, 15 to 60 percent slopes	0.1	0.23	0.41	13.57	0.17	20
AZ703	19	Denure-Momoli complex, 1 to 5 percent slopes	0.08	0.16	0.4	4.49	0.37	0
AZ703	20	Denure-Pahaka complex, 1 to 3 percent slopes	0.08	0.17	0.39	5.34	0.5	0
AZ703	21	Dixaleta-Rock outcrop complex, 15 to 70 percent slopes	0.09	0.18	0.4	4.97	0.29	30
AZ703	22	Far-Spudrock-Rock outcrop complex, 35 to 85 percent slopes	0.09	0.18	0.45	2.32	0.64	25
AZ703	23	Gachado-Lomitas-Rock outcrop complex, 15 to 45 percent slopes	0.09	0.22	0.39	14.68	0.16	15
AZ703	24	Gadsden silty clay loam, 0 to 1 percent slopes	0.18	0.34	0.45	24.45	0.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ703	25	Gilman very fine sandy loam, 0 to 1 percent slopes	0.09	0.25	0.39	24.16	0.19	0
AZ703	26	Ginland silty clay, 0 to 1 percent slopes	0.28	0.42	0.52	13.77	0.05	0
AZ703	27	Glenbar loam, 0 to 1 percent slopes	0.15	0.29	0.41	20.07	0.1	0
AZ703	28	Glendale clay loam, 0 to 2 percent slopes, flooded	0.2	0.34	0.45	19.83	0.06	0
AZ703	29	Glendale silt loam, 1 to 3 percent slopes	0.13	0.32	0.44	34.01	0.09	0
AZ703	30	Glendale-Pajarito complex, 1 to 3 percent slopes	0.11	0.26	0.42	14.56	0.18	0
AZ703	31	Grabe-Vado complex, 1 to 5 percent slopes	0.09	0.19	0.4	7.77	0.39	0
AZ703	32	Granolite-Rock outcrop complex, 15 to 65 percent slopes	0.25	0.38	0.47	16.3	0.02	30
AZ703	33	Gunsight-Rillito complex, 1 to 8 percent slopes	0.08	0.17	0.39	5.12	0.32	0
AZ703	34	Hantz clay loam, 0 to 1 percent slopes	0.21	0.35	0.44	16.65	0.04	0
AZ703	35	Hayhook sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	4.56	0.57	0
AZ703	36	Hickiwan-Gunsight-Momoli complex, 3 to 15 percent slopes	0.09	0.17	0.39	5.4	0.3	0
AZ703	37	Hyder-Rock outcrop-Guvo complex, 10 to 45 percent slopes	0.1	0.23	0.4	14.09	0.17	25
AZ703	38	Keysto-Riverwash complex, 0 to 5 percent slopes	0.07	0.16	0.43	2.96	0.69	0
AZ703	39	Kohatk-Rock outcrop complex, 10 to 45 percent slopes	0.09	0.22	0.4	13.07	0.24	25
AZ703	40	Lajitas-Bosa-Rock outcrop complex, 15 to 50 percent slopes	0.12	0.23	0.41	8.12	0.15	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ703	41	Lampshire-Pantak-Rock outcrop complex, 25 to 60 percent slopes	0.1	0.18	0.42	3.58	0.39	20
AZ703	42	Mohall loam, 0 to 2 percent slopes	0.16	0.3	0.42	16.9	0.11	0
AZ703	43	Mohall-Pahaka complex, 1 to 3 percent slopes	0.07	0.15	0.4	4.09	0.68	0
AZ703	44	Mohall-Trix complex, 0 to 1 percent slopes	0.08	0.17	0.4	4.73	0.61	0
AZ703	45	Nahda-Stagecoach complex, 1 to 15 percent slopes	0.17	0.27	0.41	7.76	0.05	0
AZ703	46	Oracle-Romero-Rock outcrop complex, 5 to 35 percent slopes	0.1	0.19	0.42	4.26	0.42	10
AZ703	47	Pajarito-Sahuarita complex, 1 to 3 percent slopes	0.06	0.15	0.39	4.48	0.75	0
AZ703	48	Pantano-Granolite complex, 5 to 25 percent slopes	0.16	0.25	0.41	7.44	0.07	0
AZ703	49	Pinamt-Momoli complex, 1 to 10 percent slopes	0.12	0.21	0.39	6.91	0.16	0
AZ703	50	Quilotosa extremely gravelly coarse sandy loam, 3 to 15 percent slopes	0.06	0.15	0.4	3.78	0.45	0
AZ703	51	Quilotosa-Rock outcrop-Vaiva complex, 15 to 45 percent slopes	0.1	0.2	0.4	5.75	0.23	30
AZ703	52	Romero-Lampshire-Rock outcrop complex, 15 to 65 percent slopes	0.1	0.19	0.42	4.26	0.37	30
AZ703	53	Romero-Rock outcrop complex, 10 to 40 percent slopes	0.08	0.17	0.41	4.34	0.38	25
AZ703	54	Rositas loamy fine sand, 2 to 5 percent slopes	0.03	0.09	0.4	1.17	1.6	0
AZ703	55	Sasco loam, 0 to 1 percent slopes	0.11	0.25	0.41	15.12	0.23	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ703	56	Soledad-Topawa complex, 1 to 5 percent slopes	0.07	0.14	0.4	1.77	0.55	0
AZ703	57	Tatai silt loam, 0 to 2 percent slopes	0.1	0.25	0.4	23.94	0.18	0
AZ703	58	Tubac complex, 0 to 2 percent slopes	0.15	0.26	0.42	9.86	0.15	0
AZ703	59	Tucson-Mohall-Valencia complex, 1 to 3 percent slopes	0.14	0.24	0.4	8.06	0.19	0
AZ703	60	Vado-Agustin complex, 1 to 8 percent slopes	0.08	0.16	0.39	4.87	0.45	0
AZ703	61	Vecont clay loam, 0 to 1 percent slopes	0.27	0.4	0.47	16.56	0.02	0
AZ703	62	Wintersburg loam, 0 to 1 percent slopes	0.11	0.24	0.4	15.34	0.19	0
AZ707	1	Arches-Rock outcrop-Mido complex, 2 to 15 percent slopes	0.02	0.06	0.44	2.68	2	30
AZ707	2	Aut-Cross association, 0 to 15 percent slopes	0.14	0.27	0.41	16.14	0.11	0
AZ707	3	Begay-Mido-Milok complex, 1 to 5 percent slopes	0.05	0.1	0.4	2.2	1.21	0
AZ707	4	Berto-Nepalto family-Lava flows complex, 4 to 35 percent slopes	0.13	0.26	0.4	15.98	0.12	10
AZ707	5	Cataract-Tsaya-Typic Calciargids complex, 4 to 15 percent slopes	0.07	0.16	0.4	3.78	0.44	0
AZ707	6	Claysprings-Huerfano-Tuba complex, 2 to 15 percent slopes	0.17	0.28	0.44	10.37	0.09	0
AZ707	7	Endoaquolls-Haplofibrists-Psammaquents complex, 0 to 3 percent slopes	0.06	0.12	0.48	1.4	1.67	0
AZ707	8	Epikom-Leupp complex, 2 to 15 percent slopes	0.12	0.21	0.39	7.58	0.24	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ707	9	Gladel family-Arabrab complex, 4 to 35 percent slopes	0.1	0.21	0.4	9.26	0.26	0
AZ707	10	Grieta extremely gravelly fine sandy loam, 0 to 3 percent slopes	0.18	0.32	0.42	18.46	0.06	0
AZ707	11	Hajisho-Cataract family-Shinume complex, 4 to 15 percent slopes	0.05	0.15	0.4	3.89	0.63	0
AZ707	12	Hajisho-Seeg complex, 2 to 15 percent slopes	0.05	0.13	0.39	4.09	0.68	0
AZ707	13	Hajisho-Seeg complex, 15 to 35 percent slopes	0.06	0.18	0.39	11.08	0.28	0
AZ707	14	Hatknoll-Lithic Haplargids complex, 2 to 8 percent slopes	0.31	0.43	0.47	12.18	0.01	0
AZ707	15	Hoskinnini-Moenkopie complex, 2 to 8 percent slopes	0.1	0.23	0.39	15.58	0.23	0
AZ707	16	Ives-Bebeevar family-Oxyaquic Torripsamments complex, 0 to 3 percent slopes	0.05	0.12	0.41	1.5	1.2	0
AZ707	17	Ives-Jocity complex, 1 to 4 percent slopes	0.06	0.12	0.4	1.74	1	0
AZ707	18	Ives-Riverwash association, 0 to 2 percent slopes	0.03	0.08	0.41	3.18	1.69	0
AZ707	19	Jeddito-Joraibi complex, 0 to 5 percent slopes	0.09	0.17	0.39	4.49	0.51	0
AZ707	20	Jocity sandy clay loam, 0 to 2 percent slopes	0.17	0.27	0.4	10.02	0.11	0
AZ707	21	Jocity-Joraibi-Navajo-Riverwash complex , 0 to 2 percent slopes	0.18	0.29	0.43	10.75	0.08	0
AZ707	22	Jocity-Tuba, complex, 1 to 3 percent slopes	0.03	0.1	0.4	1.41	1.49	0
AZ707	23	Lava Flows	0.3	0.42	0.48	11.42	0.01	100

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ707	24	Leupp-Hoskinnini complex, 2 to 15 percent slopes	0.08	0.19	0.39	9.05	0.41	0
AZ707	25	Mellenthin gravelly sandy loam, 0 to 8 percent slopes	0.09	0.22	0.39	16.2	0.19	0
AZ707	26	Mellenthin-Placitas-Mellenthin, extremely stony, complex, 4 to 35 percent slopes	0.07	0.19	0.39	11.68	0.31	0
AZ707	27	Mellenthin-Rock outcrop complex, 15 to 30 percent slopes	0.1	0.19	0.4	6.8	0.32	30
AZ707	28	Mellenthin-Rock outcrop complex, 30 to 70 percent slopes	0.1	0.19	0.39	5.99	0.21	30
AZ707	29	Meriwhitica-Wayneco-Tassi family, complex, 5 to 30 percent slopes	0.1	0.2	0.4	6.41	0.28	0
AZ707	30	Mespun-Councelor-Mespun, limy substratum complex, 0 to 10 percent slopes	0.02	0.06	0.43	2.16	1.83	0
AZ707	31	Mido-Arches-Rock outcrop complex, 4 to 35 percent slopes	0.02	0.06	0.43	2.68	2	10
AZ707	32	Mido-Arches-Ustic Haplocalcids complex, 2 to 10 percent slopes	0.02	0.06	0.43	2.68	2	0
AZ707	33	Moffat-Monue complex, 1 to 6 percent slopes	0.07	0.15	0.39	3.87	0.75	0
AZ707	34	Moffat-Sheppard complex, 1 to 6 percent slopes	0.04	0.09	0.41	1.65	1.29	0
AZ707	35	Navajo-Jocity complex, 1 to 3 percent slopes	0.27	0.4	0.48	17.54	0.02	0
AZ707	36	Needle-Rock outcrop-Sheppard complex, 2 to 15 percent slopes	0.03	0.07	0.41	0.22	1.98	30
AZ707	37	Nepalto family-Tsaya-Rock outcrop complex, 35 to 70 percent slopes	0.02	0.08	0.41	0.76	1.16	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ707	38	Persayo-Hanksville complex, 4 to 60 percent slopes	0.18	0.32	0.43	18.23	0.06	0
AZ707	39	Progresso-Skos complex, 2 to 15 percent slopes	0.06	0.16	0.39	7.46	0.5	0
AZ707	40	Puertecito very cobbly loam, 15 to 35 percent slopes	0.11	0.24	0.41	14.13	0.13	0
AZ707	41	Radnik-Escavada-Riverwash complex, 0 to 3 percent slopes	0.04	0.09	0.41	1.29	1.41	0
AZ707	42	Reef-Progresso family complex, 8 to 35 percent slopes	0.08	0.21	0.39	14.04	0.2	0
AZ707	43	Reef-Rock outcrop complex, 4 to 35 percent slopes	0.06	0.19	0.4	11.62	0.32	25
AZ707	44	Rock outcrop-Lithic Torriorthents complex, Kaibab, Toroweap, and Coconino Formations, 15 to 60 percent slopes	0.06	0.15	0.39	5.3	0.39	60
AZ707	45	Rock outcrop-Lithic Torriorthents complex, Supai Group, 15 to 60 percent slopes	0.03	0.08	0.41	0.37	1.01	60
AZ707	46	Rock outcrop-Mathis-Nalcase complex, 10 to 50 percent slopes	0.01	0.05	0.44	2.72	1.9	65
AZ707	47	Rock outcrop-Typic Torriorthents complex, Hermit Formation, 15 to 60 percent slopes	0.07	0.17	0.39	7.17	0.3	60
AZ707	48	Rock outcrop-Typic Torriorthents complex, Tonto Group and Redwall Formation, 15 to 60 percent slopes	0.03	0.09	0.41	0.98	0.91	60
AZ707	49	Santrick-Nalcase-Rock outcrop complex, 1 to 15 percent slopes	0.03	0.06	0.42	2.71	1.92	10

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ707	50	Sheppard-Moenkopie-Needle complex, 2 to 35 percent slopes	0.04	0.12	0.4	1.28	1.06	0
AZ707	51	Sheppard-Monue complex, 1 to 8 percent slopes	0.02	0.07	0.41	2.16	1.81	0
AZ707	52	Sheppard-Psammaquents-Rock outcrop complex, 0 to 8 percent slopes	0.01	0.04	0.43	1	2	10
AZ707	53	Sheppard-Rock outcrop-Sheppard, moderately deep complex, 2 to 15 percent slopes	0.03	0.08	0.41	0.45	1.72	25
AZ707	54	Shinume-Leupp-Rock outcrop complex, 4 to 35 percent slopes	0.15	0.25	0.41	8.76	0.11	15
AZ707	55	Shoegame family, 1 to 5 percent slopes	0.02	0.06	0.43	2.68	2	0
AZ707	56	Shorthair-Moenkopie complex, 2 to 15 percent slopes	0.12	0.21	0.4	4.35	0.26	0
AZ707	57	Shorthair-Rock outcrop-Sheppard complex, 2 to 15 percent slopes	0.11	0.19	0.41	6.36	0.33	30
AZ707	58	Somorent family-Leupp-Bluechief complex, 5 to 60 percent slopes	0.16	0.29	0.42	17.34	0.09	0
AZ707	59	Suzmayne very cobbly sandy loam, 35 to 60 percent slopes	0.09	0.19	0.41	6.42	0.36	0
AZ707	60	Tassi gravelly loamy very fine sand, 0 to 3 percent slopes	0.03	0.13	0.39	6.12	0.95	0
AZ707	61	Tours fine sandy loam, 0 to 8 percent slopes	0.18	0.29	0.41	11.57	0.08	0
AZ707	62	Tuba-Tyende family-Fajada family complex, 2 to 15 percent slopes	0.03	0.08	0.43	0.65	1.23	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ707	63	Tuweep very gravelly loam, 0 to 15 percent slopes	0.13	0.26	0.41	14.45	0.11	0
AZ707	64	Water	0.3	0.42	0.48	11.42	0.01	100
AZ707	65	Wilaha gravelly loam, cindery, 2 to 30 percent slopes	0.14	0.26	0.4	16.02	0.11	0
AZ707	66	Winona-Tusayan association, 2 to 8 percent slopes	0.1	0.2	0.4	8.64	0.22	0
AZ707	67	Wukoki-Rock outcrop complex, 5 to 25 percent slopes	0.13	0.26	0.41	14.45	0.11	25
AZ707	68	Wupatki-Wukoki complex, 0 to 15 percent slopes	0.14	0.27	0.43	12.83	0.13	0
AZ711	1	Aneth-Marcou-Typic Calcigypsids complex, 2 to 5 percent slopes	0.01	0.07	0.42	1.28	1.97	0
AZ711	2	Arabrab-Vessilla-Lindrith complex, 1 to 45 percent slopes	0.08	0.16	0.4	4.21	0.68	0
AZ711	3	Arches-Pensom, moderately deep-Rock outcrop complex, 2 to 5 percent slopes	0.03	0.07	0.43	2.72	1.87	15
AZ711	4	Aridic Ustorthents-Royosa-Plumasano complex, 0 to 15 percent slopes	0.04	0.09	0.43	3.31	1.32	0
AZ711	5	Begay-Pensom, moderately deep complex, 1 to 10 percent slopes	0.02	0.05	0.44	2.68	2	0
AZ711	6	Begay-Tsosie complex, 1 to 5 percent slopes	0.1	0.18	0.4	4.04	0.55	0
AZ711	7	Berryhill family, 0 to 3 percent slopes	0.3	0.43	0.49	15.08	0.01	0
AZ711	8	Councelor-Moclom-Hawaikuh complex, 1 to 60 percent slopes	0.05	0.11	0.41	2.92	1.09	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ711	9	Denazar-Sheppard-Lithic Torriorthents complex, 1 to 20 percent slopes	0.02	0.06	0.42	1.72	1.93	0
AZ711	10	Earlweed-Shoegame complex, 2 to 6 percent slopes	0.03	0.07	0.43	2.13	1.63	0
AZ711	11	Eslendo family-Simel-Pensom complex, 3 to 10 percent slopes	0.09	0.17	0.41	2.05	0.42	0
AZ711	12	Florita, moderately deep-Rizno-Rock outcrop complex, 0 to 5 percent slopes	0.02	0.08	0.42	3.06	1.54	10
AZ711	13	Gish, moderately deep-Reef complex, 1 to 35 percent slopes	0.17	0.28	0.44	9.25	0.09	0
AZ711	14	Gotho-Aneth family complex, 1 to 10 percent slopes	0.15	0.28	0.41	16.04	0.11	0
AZ711	15	Jaconita-Anasazi association, 2 to 20 percent slopes	0.11	0.2	0.39	6.64	0.26	0
AZ711	16	Lithic Haplogypsids-Typic Haplogypsids complex, 2 to 12 percent slopes	0.12	0.21	0.4	5.03	0.28	0
AZ711	17	Lybrook-Tsosie complex, 0 to 8 percent slopes	0.22	0.37	0.47	21.25	0.05	0
AZ711	18	Marcou-Sheppard complex, 1 to 15 percent slopes	0.01	0.04	0.43	2.68	2	0
AZ711	19	Marcou-Sheppard-Typic Natrargids complex, 1 to 10 percent slopes	0.09	0.16	0.44	5.12	0.43	0
AZ711	20	Mespun-Bispen-Rock outcrop complex, moist, 1 to 15 percent slopes	0.01	0.05	0.44	2.68	2	25
AZ711	21	Mespun-Nalcase-Bispen complex, 0 to 10 percent slopes	0.02	0.05	0.44	2.68	2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ711	22	Mespun-Rock outcrop-Nalcase complex, 1 to 25 percent slopes	0.02	0.06	0.44	2.68	2	30
AZ711	23	Mespun-Santrick-Rock outcrop complex, mormon ridges, 2 to 40 percent slopes	0.03	0.07	0.42	1.95	1.73	10
AZ711	24	Mespun-Councelor-Mespun, limy substratum complex, 0 to 10 percent slopes	0.02	0.06	0.43	2.16	1.83	0
AZ711	25	Mido, limy substratum-Rizno-Westmion association, 3 to 35 percent slopes	0.06	0.12	0.44	3.97	0.88	0
AZ711	26	Mido, loamy substratum-Arches-Ustic Haplocalcids complex, crooked ridge, 2 to 10 percent slopes	0.02	0.06	0.43	2.68	2	0
AZ711	27	Mido-Gish, moderately deep-Tekapo family complex, 1 to 10 percent slopes	0.11	0.19	0.42	0.7	0.38	0
AZ711	28	Mido-Radnik-Riverwash complex, 1 to 8 percent slopes	0.06	0.12	0.39	1.44	0.95	0
AZ711	29	Mido-Pensom, moderately deep-Ustic Haplocambids complex, 1 to 10 percent slopes	0.01	0.05	0.44	2.68	2	0
AZ711	30	Monue-Monue, moderately deep complex, 1 to 8 percent slopes	0.01	0.04	0.43	2.68	2	0
AZ711	31	Needle-Sheppard complex, 2 to 12 percent slopes	0.01	0.05	0.42	2.68	2	0
AZ711	32	Pensom-Arches-Rock outcrop complex, 2 to 25 percent slopes	0.02	0.05	0.44	2.68	2	15
AZ711	33	Pinavetes-Begay complex, white mesa, 1 to 5 percent slopes	0.06	0.13	0.41	0.21	0.91	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ711	34	Pinavetes-Pinavetes, moderately deep association, white mesa, 1 to 15 percent slopes	0.01	0.05	0.44	1.15	1.97	0
AZ711	35	Pinavetes-Rock outcrop complex, white mesa, 5 to 60 percent slopes	0.02	0.09	0.41	1.02	1.9	40
AZ711	36	Pinepoint-Aridic Ustorthents-Riverwash complex, 1 to 5 percent slopes	0.02	0.06	0.44	2.76	1.94	0
AZ711	37	Pinepoint-Parkwash-Rock outcrop complex, 1 to 10 percent slopes	0.02	0.06	0.44	2.68	2	25
AZ711	38	Pocum family-Earlweed complex, 1 to 15 percent slopes	0.03	0.09	0.42	1.45	1.65	0
AZ711	39	Reef-Mido-Zukan complex, 2 to 35 percent slopes	0.09	0.18	0.41	5.42	0.39	0
AZ711	40	Riverwash-Sheppard complex, 0 to 24 percent slopes	0.02	0.09	0.4	3.88	1.39	0
AZ711	41	Rizno-Wayneco-Rock outcrop complex, 1 to 7 percent slopes	0.08	0.16	0.4	4.08	0.65	10
AZ711	42	Rock outcrop-Mathis-Nalcase complex, 10 to 50 percent slopes	0.01	0.05	0.44	2.72	1.9	65
AZ711	43	Rock outcrop-Mido-Mido, loamy substratum complex, 2 to 15 percent slopes	0.02	0.06	0.43	1.7	1.89	55
AZ711	44	Rock outcrop-Needle complex, 2 to 12 percent slopes	0.01	0.04	0.43	2.68	2	55
AZ711	45	Rock outcrop-Needle-Lithic Torriorthents complex, 1 to 25 percent slopes	0.02	0.05	0.44	2.68	2	50

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ711	46	Sandoval family-Ustic Haplocambids complex, 0 to 5 percent slopes	0.23	0.36	0.45	16.85	0.04	0
AZ711	47	Sanfeco-Sheppard complex, 1 to 3 percent slopes	0.15	0.26	0.43	7.37	0.14	0
AZ711	48	Santrick-Nalcase-Rock outcrop complex, 1 to 15 percent slopes	0.03	0.06	0.42	2.71	1.92	10
AZ711	49	Sheppard fine sand, 1 to 5 percent slopes	0.01	0.04	0.43	2.68	2	0
AZ711	50	Sheppard sand, 5 to 15 percent slopes	0.01	0.04	0.43	2.68	2	0
AZ711	51	Sheppard-Massadona-Monue complex, 0 to 10 percent slopes	0.1	0.18	0.44	4.11	0.4	0
AZ711	52	Sheppard-Needle-Rock outcrop complex, 2 to 20 percent slopes	0.01	0.04	0.43	1.07	2	15
AZ711	53	Sheppard-Sheppard, gypsic substratum complex, 2 to 11 percent slopes	0.02	0.09	0.41	1.12	1.81	0
AZ711	54	Sheppard-Typic Haplargids complex, 1 to 20 percent slopes	0.1	0.17	0.42	0.39	0.35	0
AZ711	55	Shoegame family, 1 to 5 percent slopes	0.02	0.06	0.43	2.68	2	0
AZ711	56	Torriorthents-Rock outcrop complex, 25 to 65 percent slopes	0.13	0.21	0.39	6.06	0.13	30
AZ711	57	Tsaya family-Sheppard, moderately deep-Rock outcrop complex, 2 to 19 percent slopes	0.05	0.1	0.41	1.96	0.75	20
AZ711	58	Typic Haplocambids-Sheppard-Needle complex, 0 to 10 percent slopes	0.09	0.17	0.4	2.31	0.49	10
AZ711	59	Typic Torriorthents, 1 to 5 percent slopes	0.03	0.08	0.41	0.63	1.83	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ711	60	Typic Torriorthents-Needle-Moenkopie family complex, 2 to 12 percent slopes	0.06	0.13	0.42	0.49	0.77	0
AZ711	61	Urban land-Gotho-Tewa complex, 1 to 5 percent slopes	0.1	0.19	0.4	4.36	0.4	0
AZ711	62	Urban land-Nakai complex, 1 to 15 percent slopes	0.06	0.14	0.39	2.6	0.79	0
AZ711	63	Urban land-Sheppard-Typic Torriorthents complex, 1 to 10 percent slopes	0.04	0.1	0.4	2.14	1.21	0
AZ711	64	Urban land-Ustic Haplocambids complex, 1 to 5 percent slopes	0.06	0.15	0.39	3.28	0.73	0
AZ711	65	Ustic Haplargids-Mido-Campanile complex, 0 to 7 percent slopes	0.16	0.25	0.43	4.42	0.18	0
AZ711	66	Ustic Torriorthents-Pits, mine complex, 2 to 35 percent slopes	0.08	0.18	0.42	2.4	0.44	0
AZ711	67	Ustic Torriorthents-Rock outcrop complex, 2 to 65 percent slopes	0.1	0.23	0.41	13.5	0.18	15
AZ711	68	Water	0.3	0.42	0.48	11.42	0.01	100
AZ712	1	Aridic Haplustepts-Rock outcrop complex, 14 to 69 percent slopes, extremely bouldery	0.14	0.24	0.39	9.98	0.14	40
AZ712	2	Atrac family-Bowdish complex, 2 to 9 percent slopes	0.09	0.19	0.39	8.47	0.38	0
AZ712	3	Bayfield family, 1 to 4 percent slopes	0.2	0.34	0.44	18.69	0.05	0
AZ712	4	Bebeevar fine sandy loam, 0 to 3 percent slopes, rarely flooded	0.1	0.2	0.4	6.91	0.43	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ712	5	Bebeevar fine sandy loam, high precipitation, 0 to 2 percent slopes, rarely flooded	0.05	0.15	0.4	5.34	0.85	0
AZ712	6	Begay family-Gullied land complex, 4 to 18 percent slopes	0.09	0.19	0.4	7.36	0.42	0
AZ712	7	Claysprings-Badland-Farb family complex, 2 to 35 percent slopes, very stony	0.18	0.3	0.42	12.21	0.06	0
AZ712	8	Dune land	0.02	0.08	0.41	1.06	1.9	0
AZ712	9	Gladel-Evpark families-Rock outcrop complex, 5 to 32 percent slopes, stony	0.14	0.27	0.4	16.74	0.13	20
AZ712	10	Lykorly family, 1 to 6 percent slopes	0.16	0.3	0.42	21.38	0.08	0
AZ712	11	Navajo-Bebeevar complex, 0 to 3 percent slopes, very rarely flooded	0.16	0.28	0.44	8.69	0.12	0
AZ712	12	Parkelei-Gullied land complex, 4 to 23 percent slopes	0.14	0.28	0.41	18.27	0.12	0
AZ712	13	Parkelei-Todest family complex, 1 to 9 percent slopes	0.13	0.26	0.4	17.37	0.15	0
AZ712	14	Plumasano family, 2 to 9 percent slopes	0.08	0.19	0.39	9.29	0.46	0
AZ712	15	Querencia family, 1 to 6 percent slopes	0.08	0.17	0.41	4.62	0.7	0
AZ712	16	Riverwash-Bebeevar complex, 0 to 3 percent slopes	0.04	0.14	0.39	5.05	0.95	0
AZ712	17	Rock outcrop-Moano family complex, 6 to 12 percent slopes	0.05	0.11	0.4	1.51	1.25	80

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ712	18	Rock outcrop-Ustic Torriorthents complex, 10 to 57 percent slopes, extremely bouldery	0.07	0.16	0.39	6.2	0.49	60
AZ712	19	Water	0.3	0.42	0.48	11.42	0.01	100
AZ712	20	Wayneco family-Rock outcrop complex, 3 to 20 percent slopes, stony	0.07	0.15	0.39	4.57	0.68	30
AZ712	21	Yaggy family, 0 to 2 percent slopes, frequently flooded	0.08	0.17	0.4	5.29	0.6	0
AZ712	22	Yaggy family, 1 to 6 percent slopes, rarely flooded, stony	0.09	0.21	0.39	14.48	0.31	0
AZ712	23	Zia family, 1 to 8 percent slopes	0.09	0.19	0.39	7.58	0.42	0
AZ713	1	Akhoni-Typic Argiustolls-Tuntsa complex, 15 to 75 percent slopes	0.12	0.25	0.52	5.5	0.89	0
AZ713	2	Aneth-Naha-Sheppard family complex, 0 to 2 percent slopes	0.01	0.05	0.43	2.19	1.87	0
AZ713	3	Aquima-Rizno-Begay complex, 1 to 15 percent slopes	0.1	0.18	0.4	3.27	0.44	0
AZ713	4	Aquima-Ustic Haplocambids complex, moist, 1 to 6 percent slopes	0.04	0.11	0.42	0.62	1.48	0
AZ713	5	Arabrab-Vessilla-Lindrith complex, 1 to 45 percent slopes	0.08	0.16	0.4	4.21	0.68	0
AZ713	6	Arches-Begay-Mido complex, 1 to 25 percent slopes	0.05	0.12	0.41	1.6	1.19	0
AZ713	7	Aridic Ustorthents-Lindrith-Riverwash complex, 0 to 6 percent slopes	0.06	0.16	0.4	4.95	0.76	0
AZ713	8	Begay loam, 1 to 5 percent slopes	0.09	0.22	0.41	12.94	0.39	0
AZ713	9	Begay-Gullied land complex, sodic, 1 to 3 percent slopes	0.1	0.2	0.41	5.05	0.4	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ713	10	Begay-Mido complex, 1 to 15 percent slopes	0.07	0.13	0.41	1.09	1.03	0
AZ713	11	Begay-Querencia-Rizno complex, 1 to 10 percent slopes	0.11	0.2	0.41	5.51	0.39	0
AZ713	12	Chromic Haplotorrerts-Gotho complex, 0 to 4 percent slopes	0.21	0.34	0.43	15.2	0.04	0
AZ713	13	Claysprings-Lithic Torriorthents-Typic Torriorthents complex, badlands, 1 to 60 percent slopes	0.16	0.27	0.42	9.78	0.12	0
AZ713	14	Councelor-Moclom-Hawaikuh complex, 1 to 60 percent slopes	0.05	0.11	0.41	2.92	1.09	0
AZ713	15	Cumulic Endoaquolls, 0 to 5 percent slopes	0.23	0.36	0.46	16.39	0.04	0
AZ713	16	Cumulic Endoaquolls-Typic Argiustolls complex, 1 to 4 percent slopes	0.05	0.11	0.44	2.85	1.72	0
AZ713	17	Denazar-Sheppard-Lithic Torriorthents complex, 1 to 20 percent slopes	0.02	0.06	0.42	1.72	1.93	0
AZ713	18	Dune land	0.02	0.08	0.41	1.06	1.9	0
AZ713	19	Gotho-Aneth family complex, 1 to 10 percent slopes	0.16	0.29	0.42	16.12	0.1	0
AZ713	20	Jacks family-Jacks complex, 2 to 5 percent slopes	0.23	0.35	0.48	10.72	0.08	0
AZ713	21	Jacks-Flutedrock-Manuelito complex, 0 to 15 percent slopes	0.1	0.22	0.44	5.6	0.52	0
AZ713	22	Jocity-Nazlini complex, sodic, 0 to 4 percent slopes	0.16	0.29	0.42	16.37	0.09	0
AZ713	23	Jocity-Tezinie complex, saline-sodic, 0 to 4 percent slopes	0.19	0.33	0.43	18.25	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ713	24	Jocity-Tezinie-Nazlini complex, sodic, 0 to 5 percent slopes	0.16	0.28	0.43	12.13	0.11	0
AZ713	25	Kachina-Evpark family-Gladel family complex, 2 to 35 percent slopes	0.14	0.26	0.41	11.77	0.15	0
AZ713	26	Lithic Haplustepts-Jacks family-Pachic Haplustolls complex, 4 to 40 percent slopes	0.16	0.28	0.43	11.34	0.16	0
AZ713	27	Lithic Ustic Torriorthents-Begay complex, rocky 1 to 30 percent slopes	0.15	0.24	0.4	6.87	0.17	0
AZ713	28	Marcou-Claysprings complex, 0 to 8 percent slopes	0.13	0.22	0.42	5.11	0.31	0
AZ713	29	Moenkopie-Rock outcrop complex, severely eroded, 1 to 45 percent slopes	0.07	0.14	0.39	2.72	0.79	35
AZ713	30	Monue sandy clay loam, moderately deep, 0 to 3 percent slopes	0.13	0.21	0.39	6.23	0.28	0
AZ713	31	Monue-Redhouse-Sheppard complex, 0 to 15 percent slopes	0.04	0.11	0.4	1.27	1.28	0
AZ713	32	Monue-Sheppard-Nakai complex, 1 to 6 percent slopes	0.03	0.08	0.41	1.38	1.59	0
AZ713	33	Nakai very fine sandy loam, 0 to 6 percent slopes	0.09	0.17	0.39	5.39	0.5	0
AZ713	34	Nakai-Somorent family complex, 1 to 15 percent slopes	0.04	0.1	0.4	0.68	1.35	0
AZ713	35	Nazlini loam, 0 to 3 percent slopes	0.08	0.22	0.39	17.8	0.29	0
AZ713	36	Oxyaquic Haplustolls-Riverwash complex, 1 to 4 percent slopes	0.07	0.18	0.41	8.13	0.64	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ713	37	Pachic Haplustolls, 2 to 5 percent slopes	0.07	0.13	0.41	1.22	1.02	0
AZ713	38	Pack clay loam, 1 to 3 percent slopes	0.21	0.34	0.44	14.37	0.05	0
AZ713	39	Pinavetes-Gish-Councelor complex, 1 to 15 percent slopes	0.11	0.17	0.42	3.99	0.34	0
AZ713	40	Plumasano-Lithic Ustipsamments-Royosa complex, 1 to 6 percent slopes	0.02	0.07	0.42	1.05	1.96	0
AZ713	41	Reef-Mido-Zukan complex, 2 to 35 percent slopes	0.09	0.18	0.41	5.42	0.39	0
AZ713	42	Riverwash-Bebeevar complex, 0 to 3 percent slopes	0.04	0.14	0.39	5.05	0.95	0
AZ713	43	Rock outcrop-Arches-Shedado complex, 2 to 20 percent slopes	0.05	0.1	0.42	3.29	1.06	45
AZ713	44	Rock outcrop-Sheppard-Needle complex, 0 to 65 percent slopes	0.01	0.05	0.43	2.68	2	60
AZ713	45	Rock outcrop-Shinume complex, 15 to 65 percent slopes	0.07	0.13	0.39	2.02	0.45	50
AZ713	46	Sheppard-Aneth-Marcou complex, 0 to 4 percent slopes	0.02	0.07	0.42	0.13	1.77	0
AZ713	47	Sheppard-Needle-Rock outcrop complex, 1 to 12 percent slopes	0.01	0.04	0.43	0.63	2	10
AZ713	48	Sodic Ustic Haplocambids-Begay complex, 1 to 5 percent slopes	0.03	0.12	0.41	1.18	1.5	0
AZ713	49	Sojourn-Aridic Ustorthents-Rock outcrop complex, 20 to 65 percent slopes	0.1	0.2	0.41	5.87	0.39	10

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ713	50	Tekapo and Lithic Ustic Torriorthents soils and Rock outcrop, 5 to 65 percent slopes	0.22	0.33	0.46	9.58	0.06	15
AZ713	51	Trail-Ives-Riverwash complex, 0 to 2 percent slopes	0.09	0.17	0.43	0.46	0.39	0
AZ713	52	Tsaile clay, 0 to 5 percent slopes	0.25	0.38	0.46	14.37	0.03	0
AZ713	53	Tsaile-Fikel complex, 2 to 10 percent slopes	0.22	0.36	0.45	18.04	0.03	0
AZ713	54	Tsosie-Councelor-Campanile complex, 1 to 6 percent slopes	0.18	0.27	0.42	7.69	0.14	0
AZ713	55	Tsosie-Councelor-Riverwash complex, 0 to 4 percent slopes	0.1	0.24	0.41	15.62	0.28	0
AZ713	56	Tuntsa, moderately deep-Akhoni family-Cumulic Endoaquolls complex, 0 to 25 percent slopes	0.1	0.22	0.41	11.73	0.34	0
AZ713	57	Typic Haplustolls, moderately deep-Akhoni-Rock outcrop complex, basalt domes, 5 to 45 percent slopes	0.09	0.23	0.44	9.7	0.54	20
AZ713	58	Typic Haplustolls, moderately deep-Rock outcrop-Typic Ustipsamments complex, 15 to 70 percent slopes	0.06	0.16	0.44	3.73	1.15	30
AZ713	59	Typic Ustipsamments-Jacks family complex, 1 to 25 percent slopes	0.06	0.12	0.45	3.16	1.23	0
AZ713	60	Urban land-Ives-Jocity complex, sodic, 0 to 3 percent slopes	0.14	0.25	0.41	7.1	0.15	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ713	61	Ustic Torriorthents-Eslendo-Rock outcrop complex, 15 to 65 percent slopes	0.12	0.22	0.41	5.34	0.18	25
AZ713	62	Ustic Torriorthents-Pits, mine complex, 2 to 35 percent slopes	0.08	0.18	0.42	2.4	0.44	0
AZ713	63	Ustic Torriorthents-Rock outcrop complex, 2 to 65 percent slopes	0.1	0.23	0.41	13.5	0.18	15
AZ713	64	Ustifluventic Haplocambids-Ustic Haplocambids, rocky-Riverwash association, 1 to 70 percent slopes	0.12	0.22	0.41	5.99	0.23	0
AZ713	65	Water	0.3	0.42	0.48	11.42	0.01	100
AZ714	1	Bacobi fine sandy loam, 1 to 5 percent slopes	0.09	0.19	0.4	6.2	0.49	0
AZ714	2	Badland-Torriorthents complex, 8 to 50 percent slopes	0.14	0.27	0.41	9.65	0.12	0
AZ714	3	Bighams very fine sandy loam, 1 to 8 percent slopes	0.09	0.17	0.4	4.13	0.56	0
AZ714	4	Cannonville clay loam, 15 to 50 percent slopes	0.21	0.34	0.44	16.5	0.05	0
AZ714	5	Doak-Monue complex, 1 to 6 percent slopes	0.08	0.15	0.39	3.84	0.68	0
AZ714	6	Dune land	0.02	0.08	0.41	1.06	1.9	0
AZ714	7	Epikom very gravelly fine sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	4.13	0.31	0
AZ714	8	Hano fine sandy loam, 2 to 10 percent slopes	0.11	0.19	0.4	4.74	0.42	0
AZ714	9	Ives fine sandy loam, 0 to 2 percent slopes	0.08	0.15	0.4	3.27	0.76	0
AZ714	10	Jeddito loamy sand, 0 to 5 percent slopes	0.07	0.16	0.39	5.46	0.63	0
AZ714	11	Jocity fine sandy loam, 0 to 3 percent slopes	0.07	0.15	0.39	3.67	0.73	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ714	12	Jocity clay loam, 0 to 2 percent slopes	0.19	0.32	0.43	17.52	0.06	0
AZ714	13	Jocity clay loam, sodic, 0 to 2 percent slopes	0.19	0.32	0.42	17.71	0.06	0
AZ714	14	Joraibi clay loam, 0 to 2 percent slopes	0.21	0.34	0.44	17.65	0.04	0
AZ714	15	Kinan complex, 2 to 12 percent slopes	0.09	0.17	0.39	4.53	0.49	0
AZ714	16	Kydestea-Zyme-Tonalea complex, 5 to 50 percent slopes	0.17	0.27	0.43	6.17	0.1	0
AZ714	17	Mido fine sand, 1 to 15 percent slopes	0.02	0.05	0.44	2.68	2	0
AZ714	18	Mido-Begay complex, 1 to 8 percent slopes	0.05	0.11	0.42	0.54	1.5	0
AZ714	19	Milok-Mido complex, 1 to 12 percent slopes	0.05	0.14	0.41	2.66	0.96	0
AZ714	20	Monue very fine sandy loam, 1 to 5 percent slopes	0.08	0.16	0.39	4.15	0.59	0
AZ714	21	Naha loamy sand, 0 to 3 percent slopes	0.03	0.1	0.4	1.45	1.49	0
AZ714	22	Nakai fine sandy loam, 3 to 15 percent slopes	0.08	0.16	0.39	4.15	0.6	0
AZ714	23	Nakai-Monue very fine sandy loams,	0.09	0.17	0.4	4.94	0.57	0
AZ714	24	Penistaja-Begay complex, 1 to 8 percent slopes	0.12	0.21	0.41	6.07	0.36	0
AZ714	25	Polacca clay loam, 0 to 3 percent slopes	0.19	0.33	0.45	14.72	0.09	0
AZ714	26	Querencia clay loam, 0 to 3 percent slopes	0.18	0.31	0.45	15.28	0.11	0
AZ714	27	Rock outcrop	0.3	0.42	0.48	11.42	0.01	95
AZ714	28	Rock outcrop-Torriorthents complex, 5 to 60 percent slopes	0.25	0.38	0.46	17.1	0.02	50

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ714	29	Sheppard sand, 1 to 12 percent slopes	0.03	0.07	0.41	0	1.98	0
AZ714	30	Sheppard sand, sodic, 1 to 8 percent slopes	0.03	0.07	0.41	0	1.98	0
AZ714	31	Sheppard loamy sand, 1 to 15 percent slopes	0.03	0.1	0.4	1.45	1.49	0
AZ714	32	Sheppard-Monue complex, 1 to 8 percent slopes	0.05	0.12	0.4	2.19	1.09	0
AZ714	33	Sheppard-Nakai complex, 1 to 8 percent slopes	0.06	0.13	0.41	1.24	1.05	0
AZ714	34	Sheppard-Torriorthents complex, 1 to 8 percent slopes	0.09	0.16	0.43	0.05	0.51	0
AZ714	35	Strych-Rock outcrop complex, 25 to 60 percent slopes	0.1	0.23	0.43	11.24	0.25	20
AZ714	36	Tewa very fine sandy loam, 1 to 5 percent slopes	0.18	0.32	0.42	18.34	0.07	0
AZ714	37	Torrifluvents, 0 to 2 percent slopes	0.02	0.08	0.42	0.31	2	0
AZ714	38	Travessilla-Rock outcrop complex, 1 to 8 percent slopes	0.08	0.16	0.4	4.04	0.69	35
AZ714	39	Typic Torriorthents, 10 to 35 percent slopes	0.07	0.15	0.39	4.52	0.53	0
AZ714	40	Ustic Torriorthents, 10 to 35 percent slopes	0.15	0.24	0.39	8.84	0.13	0
AZ714	41	Uzona loam, 0 to 2 percent slopes	0.27	0.4	0.47	16.56	0.02	0
AZ714	42	Wepo clay loam, 0 to 3 percent slopes	0.23	0.36	0.45	16.34	0.04	0
AZ715	1	Akhoni-Venable families complex, 0 to 15 percent slopes	0.08	0.17	0.41	4.7	0.68	0
AZ715	2	Aquima-Hawaikuh silt loams, 1 to 5 percent slopes	0.16	0.31	0.44	20.76	0.1	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	3	Arabrab-Parkelei family complex, dry, 3 to 12 percent slopes	0.09	0.19	0.4	6.27	0.5	0
AZ715	4	Atlatl-Nizhoni family-Rock outcrop complex 15 to 30 percent slopes	0.06	0.15	0.4	4.19	0.64	15
AZ715	5	Bacobi fine sandy loam, 1 to 5 percent slopes	0.09	0.19	0.4	6.2	0.49	0
AZ715	6	Badland-Claysprings family complex, 3 to 60 percent slopes	0.14	0.27	0.41	10.6	0.1	0
AZ715	7	Badland-Hanksville complex, 35 to 60 percent slopes	0.1	0.25	0.4	13.4	0.18	0
AZ715	8	Badland-Torriorthents association, 1 to 30 percent slopes	0.13	0.26	0.4	9.26	0.13	0
AZ715	9	Barx-Strych-Doakum families complex, 5 to 65 percent slopes	0.08	0.17	0.4	4.24	0.47	0
AZ715	10	Begay-Doakum family complex, 2 to 15 percent slopes	0.07	0.16	0.4	4.05	0.74	0
AZ715	11	Begay-Milok family-Mathis family complex, 1 to 60 percent slopes	0.07	0.15	0.42	1.72	0.83	0
AZ715	12	Begay-Penistaja family complex, 2 to 8 percent slopes	0.09	0.18	0.41	4.06	0.59	0
AZ715	13	Benally family-Fruitland association, 1 to 5 percent slopes	0.07	0.14	0.4	2.43	0.85	0
AZ715	14	Betonnie-Bond families-Skyvillage complex, 3 to 8 percent slopes	0.1	0.18	0.4	3.71	0.39	0
AZ715	15	Betonnie-Pinavetes family complex, 3 to 10 percent slopes.	0.06	0.12	0.42	3.51	0.9	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	16	Bighams very fine sandy loam, 1 to 8 percent slopes	0.09	0.17	0.4	4.13	0.56	0
AZ715	17	Bikeyah-Berland families complex, 1 to 15 percent slopes	0.1	0.23	0.43	11.41	0.41	0
AZ715	18	Blancot family-Chafin complex, 2 to 6 percent slopes	0.19	0.32	0.43	16.77	0.07	0
AZ715	19	Brimhall-Benally families-Hanksville association, 0 to 45 percent slopes	0.16	0.27	0.41	10.12	0.13	0
AZ715	20	Burnswick sandy clay loam, 1 to 5 percent slopes.	0.17	0.27	0.41	9.6	0.11	0
AZ715	21	Burnswick-Marcou family complex, 1 to 5 percent slopes	0.11	0.2	0.41	3.14	0.37	0
AZ715	22	Chipeta family-Badland-Moncisco complex, 2 to 45 percent slopes	0.18	0.29	0.43	9.23	0.08	0
AZ715	23	Claysprings family, 1 to 10 percent slopes	0.27	0.4	0.48	15.73	0.02	0
AZ715	24	Claysprings-Somorent families complex, 1 to 4 percent slopes	0.23	0.35	0.45	14.22	0.04	0
AZ715	25	Doakum fine sandy loam, 2 to 8 percent slopes	0.2	0.34	0.44	16.16	0.06	0
AZ715	26	Doakum-Gapmesa-Bond complex, 1 to 6 percent slopes	0.15	0.28	0.42	13.26	0.15	0
AZ715	27	Doakum family-Betonnie complex, 1 to 8 percent slopes	0.11	0.2	0.4	6.34	0.33	0
AZ715	28	Doakum-Betonnie families complex, 1 to 5 percent slopes	0.1	0.19	0.41	3.94	0.41	0
AZ715	29	Dune land	0.02	0.08	0.41	1.06	1.9	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	30	Eagleye-Teesto family-Rock outcrop complex, 2 to 35 percent slopes	0.16	0.27	0.42	8.64	0.08	20
AZ715	31	Evpark-Arabrab complex, 2 to 6 percent slopes	0.09	0.19	0.4	7.69	0.41	0
AZ715	32	Evpark-Vessilla-Arabrab complex, 1 to 25 percent slopes	0.07	0.15	0.39	4.3	0.7	0
AZ715	33	Fajada-Huerfano-Benally family complex, 1 to 5 percent slopes	0.13	0.23	0.4	8.02	0.21	0
AZ715	34	Farb-Chipeta family-Rock outcrop complex, 2 to 30 percent slopes	0.18	0.31	0.43	16.6	0.05	25
AZ715	35	Flaco-Chinchin family complex, 1 to 8 percent slopes	0.14	0.25	0.4	11.08	0.17	0
AZ715	36	Gapmesa-Bond family complex, 1 to 8 percent slopes	0.14	0.23	0.4	6.91	0.21	0
AZ715	37	Gish-Mentmore families complex, 1 to 8 percent slopes	0.22	0.35	0.45	16.41	0.05	0
AZ715	38	Grieta family, 3 to 10 percent slopes	0.09	0.17	0.39	5.39	0.48	0
AZ715	39	Haplogypsids-Torriorthents association, 5 to 60 percent slopes	0.17	0.3	0.43	15.66	0.08	0
AZ715	40	Ives fine sandy loam, 0 to 2 percent slopes	0.09	0.17	0.39	4.57	0.53	0
AZ715	41	Ives fine sandy loam, clayey substratum, 1 to 3 percent slopes	0.06	0.14	0.39	4.35	0.81	0
AZ715	42	Iwela family-Nomrah-Vosburg complex, 1 to 40 percent slopes	0.08	0.16	0.4	4.76	0.66	0
AZ715	43	Jeddito loamy fine sand, 0 to 5 percent slopes	0.05	0.1	0.4	0.84	1.32	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	44	Jocity fine sandy loam, 0 to 3 percent slopes	0.07	0.15	0.39	3.67	0.73	0
AZ715	45	Jocity sandy clay loam, saline-sodic, 0 to 3 percent slopes	0.17	0.27	0.4	10.06	0.1	0
AZ715	46	Jocity family, 0 to 1 percent slopes	0.19	0.32	0.43	17.62	0.05	0
AZ715	47	Joraibi clay loam, 0 to 2 percent slopes	0.21	0.34	0.44	17.65	0.04	0
AZ715	48	Kinusta family-Eslendo-Rock outcrop complex, 15 to 70 percent slopes	0.16	0.26	0.4	9.39	0.11	20
AZ715	49	Kinusta-Strych families-Rock outcrop complex, 30 to 65 percent slopes	0.12	0.22	0.41	7.28	0.24	20
AZ715	50	Kinusta-Tekapo-Reef families complex, 1 to 60 percent slopes	0.12	0.23	0.41	9.39	0.2	0
AZ715	51	Klizhin-Sandark families complex, 20 to 65 percent slopes	0.05	0.12	0.45	0.53	1.75	0
AZ715	52	Kunz-Yahmore family complex, 2 to 35 percent slopes	0.12	0.23	0.42	8.13	0.29	0
AZ715	53	Kydestea-Zyme-Tonalea complex, 5 to 50 percent slopes	0.17	0.27	0.43	6.17	0.1	0
AZ715	54	Manuelito-Klizhin family-Stozuni complex, 8 to 45 percent slopes	0.07	0.17	0.4	5.48	0.62	0
AZ715	55	Manuelito-Verite complex, 8 to 45 percent slopes	0.13	0.26	0.41	14.64	0.2	0
AZ715	56	Marcou family, 1 to 6 percent slopes.	0.06	0.14	0.39	4.35	0.81	0
AZ715	57	Marcou family, strongly sodic, 1 to 8 percent slopes	0.03	0.09	0.42	0.71	1.9	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	58	Marcou family-Burnswick complex, 1 to 3 percent slopes.	0.12	0.2	0.39	6.39	0.29	0
AZ715	59	Mentmore family, 1 to 8 percent slopes	0.18	0.32	0.42	18.46	0.06	0
AZ715	60	Mesa family, 1 to 4 percent slopes	0.06	0.14	0.39	4.35	0.81	0
AZ715	61	Milok-Pinavetes families complex, 1 to 12 percent slopes	0.04	0.12	0.41	2.24	1.29	0
AZ715	62	Moenkopie-Monue complex, 3 to 15 percent slopes.	0.03	0.09	0.41	0.75	1.65	0
AZ715	63	Monue very fine sandy loam, 1 to 5 percent slopes	0.08	0.16	0.39	4.15	0.59	0
AZ715	64	Monue-Bluechief complex, 1 to 4 percent slopes	0.06	0.14	0.39	4.35	0.8	0
AZ715	65	Monue-Ives complex, 1 to 3 percent slopes	0.06	0.14	0.39	4.35	0.8	0
AZ715	66	Monue family, 2 to 12 percent slopes	0.06	0.14	0.39	4.35	0.81	0
AZ715	67	Nakai-Monue very fine sandy loams, 1 to 5 percent slopes	0.12	0.21	0.4	6.85	0.32	0
AZ715	68	Narbona family-Deza complex, 5 to 50 percent slopes	0.03	0.08	0.43	0.63	1.48	0
AZ715	69	Navajo silty clay, saline-sodic, 1 to 3 percent slopes	0.28	0.42	0.51	16.91	0.03	0
AZ715	70	Norkiki family-Kimnoli complex, 1 to 8 percent slopes	0.04	0.11	0.4	1.41	1.32	0
AZ715	71	Notal-Jocity family complex, 0 to 2 percent slopes	0.18	0.32	0.42	17.61	0.06	0
AZ715	72	Notal-Notal family complex, 1 to 15 percent slopes	0.27	0.42	0.49	17.92	0.02	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	73	Notal-Trail-Riverwash association, 0 to 1 percent slopes	0.12	0.23	0.43	8.23	0.32	0
AZ715	74	Parkelei family, 1 to 8 percent slopes.	0.11	0.2	0.4	4.82	0.42	0
AZ715	75	Parkelei family-Arabrab complex, 2 to 8 percent slopes	0.1	0.19	0.4	5.96	0.38	0
AZ715	76	Parkelei family-Evpark complex, 2 to 8 percent slopes	0.05	0.14	0.42	3.03	1.16	0
AZ715	77	Parkelei family-Fraguni complex, 1 to 8 percent slopes	0.09	0.2	0.41	7.76	0.4	0
AZ715	78	Parkelei family-Hosta complex, 3 to 8 percent slopes	0.13	0.23	0.41	8	0.23	0
AZ715	79	Penistaja family-Begay complex, 1 to 8 percent slopes	0.12	0.21	0.41	6.07	0.36	0
AZ715	80	Penistaja family-Betonnie complex, 1 to 10 percent slopes	0.12	0.21	0.41	5.97	0.34	0
AZ715	81	Pinavetes family, 1 to 15 percent slopes	0.02	0.05	0.44	2.68	2	0
AZ715	82	Pinavetes family-Arches complex, 8 to 60 percent slopes	0.01	0.07	0.41	0.69	2	0
AZ715	83	Pinavetes family-Begay complex, 1 to 8 percent slopes	0.05	0.11	0.42	0.54	1.5	0
AZ715	84	Pinavetes family-Begay complex, 10 to 60 percent slopes	0.03	0.1	0.4	1.39	1.35	0
AZ715	85	Pits, coal mine	0.3	0.42	0.48	11.42	0.01	0
AZ715	86	Plumasano-Parkelei family complex, 1 to 15 percent slopes.	0.09	0.18	0.39	6.01	0.45	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	87	Plumasano-Rock outcrop complex, 15 to 40 percent slopes	0.07	0.15	0.42	3.27	0.91	40
AZ715	88	Polacca clay loam, 0 to 3 percent slopes	0.19	0.33	0.45	15.03	0.09	0
AZ715	89	Querencia clay loam, 0 to 3 percent slopes	0.18	0.31	0.45	15.28	0.11	0
AZ715	90	Querencia and Gish soils, 0 to 2 percent slopes	0.17	0.32	0.43	20.15	0.08	0
AZ715	91	Razito-Shiprock family complex, 3 to 8 percent slopes	0.03	0.09	0.4	1.2	1.69	0
AZ715	92	Redlands-Monue complex, 1 to 8 percent slopes	0.05	0.12	0.4	1.56	1.08	0
AZ715	93	Redlands-Shiprock families complex, 1 to 8 percent slopes	0.11	0.2	0.39	6.5	0.33	0
AZ715	94	Redlands-Somorent family complex, 2 to 6 percent slopes	0.16	0.26	0.4	9.47	0.13	0
AZ715	95	Redlands-Whitecone complex, 1 to 3 percent slopes, eroded	0.15	0.25	0.44	6.97	0.18	0
AZ715	96	Redlands-Whitecone complex, 1 to 4 percent slopes	0.12	0.22	0.41	8.08	0.23	0
AZ715	97	Riverwash-Bebeevar association, 0 to 1 percent slopes	0.03	0.11	0.4	1.89	1.32	0
AZ715	98	Riverwash-Typic Torrifluvents complex, 0 to 5 percent slopes	0.04	0.13	0.39	3.88	0.96	0
AZ715	99	Rizno-Tekapo family-Rock outcrop complex, 2 to 45 percent slopes	0.17	0.3	0.42	16.63	0.08	25
AZ715	100	Rock outcrop-Eagleye-Teesto family complex, 35 to 70 percent slopes	0.14	0.25	0.42	9.72	0.16	40

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	101	Rock outcrop-Torriorthents complex, 5 to 60 percent slopes	0.25	0.38	0.46	17.1	0.02	50
AZ715	102	Rock outcrop-Vessilla complex, 35 to 70 percent slopes	0.06	0.14	0.39	4.35	0.69	70
AZ715	103	Royosa loamy fine sand, 1 to 15 percent slopes	0.01	0.07	0.43	0.21	2	0
AZ715	104	San Mateo-Wenota-Radnik complex, 0 to 3 percent slopes	0.13	0.23	0.42	7.12	0.23	0
AZ715	105	Sheppard loamy sand, 1 to 15 percent slopes	0.02	0.08	0.42	0.45	2	0
AZ715	106	Sheppard-Grieta family complex, 1 to 12 percent slopes	0.05	0.12	0.4	1.98	1.05	0
AZ715	107	Sheppard-Monue complex, 1 to 8 percent slopes	0.05	0.11	0.4	1.63	1.13	0
AZ715	108	Shiprock family-Farb-Rock outcrop complex, 3 to 8 percent slopes	0.04	0.1	0.41	0.61	1.38	20
AZ715	109	Skyvillage-Rock outcrop complex, 1 to 8 percent slopes	0.08	0.16	0.4	4.04	0.69	35
AZ715	110	Skyvillage-Rock outcrop complex, 2 to 15 percent slopes	0.06	0.14	0.39	4.35	0.8	35
AZ715	111	Sogzie-Monue complex, 1 to 8 percent slopes	0.05	0.12	0.39	2.35	1	0
AZ715	112	Somorent family-Moenkopie-Bluechief complex, 5 to 60 percent slopes	0.16	0.29	0.42	17.19	0.08	0
AZ715	113	Sonsela-Washpass family-Viewpoint complex, 20 to 70 percent slopes	0.09	0.23	0.42	12.32	0.31	0
AZ715	114	Sparank-San Mateo-Zia complex, 0 to 3 percent slopes	0.08	0.15	0.4	1.63	0.65	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	115	Sponseller family-Cumulic Endoaquolls complex, 0 to 5 percent slopes	0.1	0.22	0.46	4.68	0.68	0
AZ715	116	Strych family-Rock outcrop complex, 25 to 60 percent slopes	0.1	0.23	0.43	11.24	0.25	20
AZ715	117	Teesto very gravelly fine sandy loam, 5 to 35 percent slopes	0.06	0.14	0.39	4.35	0.5	0
AZ715	118	Tesihim complex, 2 to 15 percent slopes	0.06	0.14	0.39	4.5	0.62	0
AZ715	119	Tewa very fine sandy loam, 1 to 5 percent slopes	0.06	0.15	0.39	5.64	0.73	0
AZ715	120	Toldohn-Vessilla-Rock outcrop complex, 8 to 35 percent slopes	0.17	0.28	0.43	8.96	0.11	20
AZ715	121	Torriorthents-Typic Haplocalcids association, 20 to 60 percent slopes	0.17	0.28	0.43	8.94	0.08	0
AZ715	122	Trail-Riverwash association, 0 to 1 percent slopes	0.03	0.1	0.4	1.61	1.35	0
AZ715	123	Tunitcha family-Viewpoint-Owlspring association, 1 to 20 percent slopes	0.14	0.28	0.43	14.36	0.18	0
AZ715	124	Typic Torriorthents, 10 to 35 percent slopes	0.07	0.15	0.39	4.52	0.53	0
AZ715	125	Umbarg-Millpaw families complex, 1 to 3 percent slopes	0.13	0.28	0.43	16.47	0.19	0
AZ715	126	Uranium mined lands	0.3	0.42	0.48	11.42	0.01	0
AZ715	127	Ustic Torriorthents, 10 to 35 percent slopes	0.15	0.24	0.39	8.84	0.13	0
AZ715	128	Venadito clay, 1 to 6 percent slopes	0.35	0.47	0.54	8.51	0.02	0
AZ715	129	Venzuni clay loam, 1 to 10 percent slopes	0.23	0.36	0.46	16.14	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ715	130	Verite-Manuelito complex, 1 to 8 percent slopes	0.13	0.24	0.41	10.19	0.2	0
AZ715	131	Verite-Rock outcrop-Flutedrock complex, 5 to 60 percent slopes	0.07	0.15	0.4	3.85	0.84	30
AZ715	132	Water	0.3	0.42	0.48	11.42	0.01	100
AZ715	133	Wepo clay loam, 0 to 3 percent slopes	0.23	0.36	0.45	16.34	0.04	0
AZ715	134	Wepo-Ives-Jocity association, 0 to 2 percent slopes	0.18	0.29	0.43	11.38	0.1	0
AZ715	135	Werito loam, 1 to 3 percent slopes	0.12	0.25	0.42	13.52	0.24	0
AZ715	136	Yahmore-Sandark families complex, 1 to 15 percent slopes	0.04	0.12	0.41	1.53	1.32	0
AZ715	137	Zia sandy loam, 1 to 5 percent slopes	0.06	0.14	0.39	4.65	0.79	0
AZ715	138	Zilditloi-Quamon family complex, 40 to 80 percent slopes	0.05	0.13	0.43	0.9	1.12	0
AZ723	NOTCOM	No Digital Data Available	0.3	0.42	0.48	11.42	0.01	0
NM023	AN	Anamite silty clay loam	0.23	0.38	0.48	17.77	0.06	0
NM023	Ar	Arizo gravelly sandy loam	0.04	0.12	0.4	3.24	0.87	0
NM023	BA	Berino loamy sand, hummocky	0.05	0.1	0.41	0.65	1.34	0
NM023	Bb	Berino sandy loam	0.11	0.19	0.4	5.13	0.39	0
NM023	BD	Berino sandy loam	0.11	0.19	0.4	5.13	0.39	0
NM023	CC	Chiricahua-Comoro association, 5 to 25 percent slopes	0.14	0.26	0.44	8.92	0.16	0
NM023	CD	Cloverdale loam, 0 to 3 percent slopes	0.15	0.29	0.44	14.01	0.17	0
NM023	CE	Cloverdale stony clay loam, 3 to 15 percent slopes	0.2	0.33	0.45	14.94	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM023	CL	Cloverdale-Stellar association, 0 to 3 percent slopes	0.19	0.32	0.45	15.09	0.08	0
NM023	Cm	Comoro fine sandy loam	0.08	0.17	0.42	3.32	0.75	0
NM023	Co	Comoro gravelly loam	0.09	0.22	0.43	11.09	0.37	0
NM023	EB	Eba very gravelly loam, 1 to 15 percent slopes	0.08	0.21	0.39	14.22	0.21	0
NM023	EN	Eba-Nickel complex, 10 to 60 percent slopes	0.09	0.22	0.4	14.32	0.19	0
NM023	ES	Eicks loam	0.13	0.26	0.43	12.81	0.22	0
NM023	FE	Forrest loam	0.15	0.28	0.44	13.63	0.18	0
NM023	FG	Forrest gravelly loam	0.13	0.26	0.43	12.81	0.2	0
NM023	FL	Forrest-Pinaleno association	0.1	0.21	0.43	5.65	0.35	0
NM023	FM	Forrest-Stellar association	0.13	0.22	0.42	5.51	0.33	0
NM023	Fn	Frye sandy loam, hummocky	0.08	0.16	0.4	4.04	0.72	0
NM023	Fr	Frye loam	0.15	0.28	0.42	15.76	0.14	0
NM023	FY	Frye loam	0.15	0.28	0.42	15.76	0.14	0
NM023	GA	Gila sandy loam	0.09	0.18	0.4	4.97	0.5	0
NM023	Gb	Gila loam	0.1	0.23	0.41	13.62	0.3	0
NM023	Gc	Glendale silty clay loam	0.18	0.36	0.46	29.25	0.06	0
NM023	GD	Glendale-Arizo complex	0.13	0.24	0.43	5.6	0.22	0
NM023	Ge	Grabe loam	0.1	0.24	0.43	11.75	0.36	0
NM023	Gm	Grabe silty clay loam	0.18	0.35	0.47	21.33	0.09	0
NM023	GO	Graham rocky clay loam, 1 to 9 percent slopes	0.19	0.33	0.46	13.98	0.08	0
NM023	GP	Gravel pit	0.02	0.06	0.41	0.29	2	0
NM023	Gr	Graham extremely rocky clay loam, 0 to 3 percent slopes	0.19	0.33	0.46	13.98	0.07	40
NM023	GT	Graham extremely rocky clay loam, 10 to 45 percent slopes	0.19	0.33	0.46	13.98	0.07	40
NM023	HA	Hap-Yturbide association, 1 to 9 percent slopes	0.07	0.17	0.41	3.15	0.59	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM023	Hd	Hondale silt loam, strongly alkali	0.12	0.29	0.41	25.45	0.11	0
NM023	HN	Hondale soils	0.1	0.21	0.4	6.67	0.3	0
NM023	Hs	Hondale complex	0.1	0.22	0.4	11.48	0.27	0
NM023	Ja	Jal loam	0.09	0.22	0.4	14.64	0.29	0
NM023	JL	Jal loam	0.09	0.22	0.4	14.64	0.29	0
NM023	JR	Jal-Karro association	0.1	0.24	0.4	18.07	0.23	0
NM023	KC	Keno cobbly clay loam	0.23	0.36	0.45	16.52	0.03	0
NM023	LH	Lehmans extremely rocky loam, 10 to 25 percent slopes	0.1	0.23	0.41	13.62	0.26	0
NM023	LN	Lehmans-Nickel association, 1 to 9 percent slopes	0.11	0.24	0.41	14.07	0.2	0
NM023	Ma	Maricopa loamy sand	0.03	0.1	0.42	0.98	1.56	0
NM023	Mb	Mimbres and Glendale loams	0.14	0.28	0.42	18.9	0.14	0
NM023	Mc	Mimbres and Glendale silty clay loams	0.19	0.37	0.47	28.1	0.06	0
NM023	MD	Mimbres and Glendale silty clay loams	0.19	0.37	0.47	28.1	0.06	0
NM023	Me	Mimbres and Glendale silty clay loams, alkali	0.18	0.36	0.46	29.8	0.05	0
NM023	Mg	Mimbres and Glendale silty clay loams, strongly alkali	0.18	0.36	0.46	29.8	0.05	0
NM023	Mh	Mohave sandy clay loam, 0 to 1 percent slopes	0.18	0.28	0.41	9.98	0.1	0
NM023	Mk	Mohave sandy clay loam, 1 to 3 percent slopes	0.18	0.28	0.41	9.98	0.1	0
NM023	MO	Mohave sandy clay loam, 0 to 5 percent slopes	0.18	0.28	0.41	9.98	0.1	0
NM023	NC	Nickel gravelly sandy loam, 3 to 9 percent slopes	0.11	0.19	0.4	5.05	0.3	0
NM023	Ng	Nickel gravelly loam, 1 to 5 percent slopes	0.13	0.26	0.41	14.66	0.14	0
NM023	NT	Nickel-Turney association, 0 to 5 percent slopes	0.09	0.17	0.4	4.23	0.45	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM023	PH	Pima-Hawkeye complex	0.11	0.25	0.43	12.82	0.31	0
NM023	PM	Pinaleno-Mimbres association	0.1	0.21	0.42	4.9	0.28	0
NM023	PR	Pintura-Berino complex, eroded	0.08	0.16	0.4	2.87	0.62	0
NM023	PY	Playas	0.3	0.44	0.53	13.93	0.03	0
NM023	Rh	Riverwash	0	0.03	0.43	0.13	2	0
NM023	RL	Rock land	0.11	0.21	0.4	8.33	0.27	0
NM023	RO	Rough broken land	0.12	0.21	0.4	6.31	0.27	0
NM023	RU	Rough broken land and Rock land	0.12	0.21	0.4	6.31	0.27	35
NM023	Sn	Sonoita sandy loam	0.05	0.14	0.41	3.51	0.9	0
NM023	SO	Sonoita-Yturbide complex	0.05	0.12	0.41	2.05	0.98	0
NM023	Sr	Stellar sandy clay loam	0.15	0.25	0.42	7.35	0.22	0
NM023	SS	Stellar sandy clay loam	0.15	0.25	0.42	7.35	0.22	0
NM023	St	Stellar silty clay loam	0.19	0.35	0.47	20.54	0.09	0
NM023	Su	Stellar cobbly silty clay loam	0.21	0.37	0.48	19.21	0.05	0
NM023	TE	Terino-Turney association	0.14	0.24	0.4	7.38	0.14	0
NM023	Th	Tres Hermanos gravelly clay loam	0.17	0.31	0.43	17.49	0.07	0
NM023	TR	Tres Hermanos gravelly clay loam	0.17	0.31	0.43	17.49	0.07	0
NM023	Ua	Ubar silt loam	0.15	0.31	0.43	25.11	0.09	0
NM023	UC	Ubar soils	0.17	0.32	0.44	21.52	0.08	0
NM023	Ug	Upton gravelly loam, 1 to 5 percent slopes	0.14	0.27	0.42	15.43	0.13	0
NM023	UP	Upton gravelly loam, 1 to 9 percent slopes	0.14	0.27	0.42	15.43	0.13	0
NM023	Vc	Vekol sandy clay loam	0.14	0.23	0.4	7.64	0.23	0
NM023	Ve	Vekol silty clay loam	0.23	0.38	0.47	20.41	0.04	0
NM023	VK	Vekol soils	0.16	0.29	0.42	13.75	0.12	0
NM023	Vm	Verhalen silty clay loam	0.23	0.38	0.48	17.77	0.06	0
NM023	VN	Verhalen silty clay loam	0.23	0.38	0.48	17.77	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM023	Vs	Verhalen silty clay loam, alkali	0.23	0.38	0.48	17.77	0.06	0
NM023	VT	Verhalen silty clay loam, alkali	0.23	0.38	0.48	17.77	0.06	0
NM023	Wh	Whitlock gravelly loam, 5 to 10 percent slopes	0.14	0.27	0.42	15.43	0.12	0
NM023	YA	Yana gravelly sandy loam, 1 to 9 percent slopes	0.08	0.16	0.4	4.76	0.53	0
NM023	Yb	Yturbide gravelly loamy sand	0.03	0.09	0.41	0.51	1.35	0
NM023	YU	Yturbide soils	0.03	0.09	0.41	0.7	1.4	0
NM023	YY	Yturbide loamy sand, heavy subsoil variant	0.03	0.09	0.41	0.51	1.61	0
NM648	330	Tejana-Rock outcrop complex, 3 to 15 percent slopes	0.14	0.27	0.44	11.71	0.18	20
NM648	335	Ralphston-Amenson loams, 1 to 9 percent slopes	0.14	0.28	0.43	14.23	0.16	0
NM648	340	Flugle-Typic Ustorthents association, 2 to 15 percent slopes	0.1	0.21	0.42	6.05	0.43	0
NM648	341	Flugle-Jacques association, 1 to 5 percent slopes	0.21	0.32	0.43	12.25	0.06	0
NM648	347	Datil-Dioxice complex, 1 to 5 percent slopes	0.1	0.19	0.42	3.18	0.53	0
NM648	365	Cabezon-Thunderbird-Celsosprings complex, 3 to 25 percent slopes	0.18	0.32	0.46	13.61	0.12	0
NM648	366	Celsosprings stony loam, 1 to 8 percent slopes	0.14	0.27	0.44	11.71	0.21	0
NM648	370	Cabezon-Rock outcrop complex, 3 to 50 percent slopes	0.15	0.29	0.47	10.15	0.24	40
NM648	371	Smilo-Adman complex, 0 to 9 percent slopes	0.2	0.34	0.45	14.72	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM648	373	Gustspring-Guy-Typic Ustorthents complex, 1 to 10 percent slopes	0.11	0.2	0.42	5.07	0.33	0
NM648	375	Gustspring-Aridic Ustochrepts complex, 5 to 40 percent slopes	0.14	0.23	0.4	6.99	0.18	0
NM648	382	Datil gravelly fine sandy loam, 1 to 6 percent slopes	0.12	0.2	0.43	3.67	0.4	0
NM648	385	Aridic Argiustolls-Rock outcrop complex, 15 to 45 percent slopes	0.1	0.19	0.42	4.26	0.45	25
NM648	387	Rock outcrop-Aridic Ustochrepts complex, 10 to 25 percent slopes	0.08	0.17	0.4	4.44	0.65	40
NM648	390	Rudd-Modyon complex, 3 to 15 percent slopes	0.15	0.29	0.45	12.69	0.17	0
NM648	408	Hubbell loamy sand, 1 to 9 percent slopes	0.06	0.12	0.43	0.38	1.38	0
NM648	409	Ceniza-Gatlin complex, 1 to 15 percent slopes	0.12	0.25	0.44	10.94	0.21	0
NM648	411	Goesling-Celacy complex, 0 to 10 percent slopes	0.11	0.19	0.42	1.62	0.5	0
NM648	422	Pietown-Hickman complex, 0 to 5 percent slopes	0.13	0.21	0.42	4.59	0.33	0
NM648	424	Manzano clay loam, 0 to 2 percent slopes	0.2	0.34	0.47	12.93	0.11	0
NM648	425	Catman-Hickman complex, 1 to 5 percent slopes	0.27	0.4	0.49	13.43	0.04	0
NM648	459	Telescope loamy fine sand, 3 to 10 percent slopes	0.04	0.1	0.41	0.43	1.52	0
NM648	463	Datil-Dioxice association, moist, 3 to 15 percent slopes	0.16	0.29	0.42	16.27	0.11	0
NM648	471	Faraway-Motoqua-Rock outcrop complex, 8 to 30 percent slopes	0.11	0.25	0.46	9.1	0.31	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM648	472	Abrazo-Rock outcrop complex, 15 to 50 percent slopes	0.13	0.27	0.44	11.65	0.21	25
NM648	479	Augustine fine sandy loam, 1 to 6 percent slopes	0.08	0.16	0.42	2.65	0.73	0
NM648	482	Datil-Guy association, 3 to 15 percent slopes	0.09	0.18	0.43	3.42	0.64	0
NM648	486	Valnor-Midnight association, 1 to 25 percent slopes	0.14	0.24	0.43	6.02	0.23	0
NM648	487	Ustic Torriorthents-Rock outcrop-Badland complex, 20 to 100 percent slopes	0.11	0.21	0.39	6.2	0.29	30
NM648	492	Jacee-Celacy-Rock outcrop association, 0 to 9 percent slopes	0.22	0.33	0.46	9.87	0.06	20
NM648	493	Mion-Travessilla-Rock outcrop complex, 2 to 30 percent slopes	0.2	0.31	0.46	8.75	0.07	20
NM648	494	Catman silty clay, 0 to 2 percent slopes	0.29	0.43	0.52	13.72	0.04	0
NM648	495	Mion-Catman association, 2 to 17 percent slopes	0.2	0.34	0.46	13.71	0.08	0
NM648	497	Royosa fine sand, 3 to 15 percent slopes	0.03	0.06	0.45	2.68	2	0
NM648	517	Loarc-Telescope loamy sands, 0 to 3 percent slopes	0.05	0.12	0.42	0.88	1.31	0
NM648	525	Telescope loamy sand, 0 to 3 percent slopes	0.04	0.09	0.41	0.55	1.51	0
NM648	540	Goldust gravelly sandy clay loam, 2 to 8 percent slopes	0.16	0.26	0.42	8.04	0.14	0
NM648	550	Bario sandy clay loam, 0 to 5 percent slopes	0.15	0.26	0.45	5.43	0.29	0
NM648	551	Pleioville gravelly sandy loam, 3 to 15 percent slopes	0.27	0.4	0.48	15.73	0.02	0
NM648	555	Motoqua-Rock outcrop complex, 8 to 30 percent slopes	0.11	0.24	0.44	10.52	0.27	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM648	560	Maia sandy loam, 1 to 8 percent slopes	0.11	0.2	0.44	3.32	0.6	0
NM648	565	Celsosprings loam, 1 to 8 percent slopes	0.16	0.29	0.45	12.86	0.18	0
NM648	575	Joachem-Rock outcrop complex, 3 to 15 percent slopes	0.1	0.19	0.46	2.23	0.72	30
NM648	580	Loarc-Datil complex, moist, 2 to 20 percent slopes	0.14	0.25	0.43	6.85	0.2	0
NM648	585	Abrazo-Apache complex, 2 to 15 percent slopes	0.1	0.21	0.42	7.03	0.4	0
NM648	590	Penistaja-Viuda-Rock outcrop association, 0 to 9 percent slopes	0.18	0.28	0.44	7.8	0.12	20
NM648	592	Celacy-Rock outcrop complex, 2 to 9 percent slopes	0.06	0.12	0.44	3.38	1.42	25
NM648	595	Amenson-Gustspring loams, 2 to 7 percent slopes	0.14	0.28	0.45	12.07	0.23	0
NM648	606	Tolman-Rock outcrop complex, 25 to 60 percent slopes	0.17	0.31	0.43	17.07	0.06	35
NM648	612	Typic Argiborolls-Tolman-Motoqua association, 5 to 60 percent slopes	0.12	0.25	0.43	12.02	0.2	0
NM648	624	Brycan loam, 0 to 3 percent slopes	0.13	0.27	0.47	8.84	0.41	0
NM648	625	Coni-Tolman complex, 10 to 40 percent slopes	0.16	0.3	0.45	12.7	0.12	0
NM648	635	Jacee-Mion-Celacy association, 1 to 10 percent slopes	0.14	0.28	0.44	12.68	0.21	0
NM648	645	Albinas-Datil complex, 1 to 5 percent slopes	0.16	0.28	0.42	10.29	0.13	0
NM648	650	Typic Ustorthents-Hickman-Majada association, 1 to 25 percent slopes	0.12	0.25	0.43	9.65	0.28	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM648	655	Majada-Lapdun very cobbly loams, 1 to 8 percent slopes	0.14	0.27	0.43	13.86	0.12	0
NM648	660	Datil-Loarc association, 1 to 15 percent slopes	0.11	0.21	0.42	6.57	0.38	0
NM648	665	Veteado-Penistaja sandy loams, 1 to 5 percent slopes	0.11	0.19	0.41	4.61	0.47	0
NM648	670	Diatee-Flugle association, 1 to 9 percent slopes	0.14	0.26	0.42	10.02	0.18	0
NM648	671	Smilo-Adman complex, moist, 3 to 15 percent slopes	0.15	0.29	0.48	8.75	0.28	0
NM648	675	Loarc-Flugle-Manzano association, 1 to 9 percent slopes	0.14	0.24	0.42	7.45	0.23	0
NM648	680	Jacques clay loam, 1 to 5 percent slopes	0.22	0.36	0.48	12.28	0.09	0
NM648	690	Millpaw-Datil complex, 0 to 7 percent slopes	0.12	0.23	0.44	5.35	0.42	0
NM648	700	Hiarc-Loarc-Typic Ustorthents association, 1 to 9 percent slopes	0.13	0.23	0.4	6.91	0.21	0
NM648	705	Parquat-Tafoya association, 5 to 30 percent slopes	0.17	0.28	0.43	8.34	0.09	0
NM648	710	Alegros-Alegros variant complex, 1 to 10 percent slopes	0.26	0.39	0.48	14.57	0.02	0
NM648	715	Guy gravelly loamy fine sand, 0 to 12 percent slopes	0.06	0.12	0.43	0.38	1.07	0
NM648	720	Gustspring gravelly fine sandy loam, 0 to 5 percent slopes	0.11	0.2	0.45	2.35	0.54	0
NM648	W	Water	0.3	0.42	0.48	11.42	0.01	100
NM662	1	Abrazo-Luzena complex, 3 to 15 percent slopes	0.19	0.33	0.45	14.77	0.07	0
NM662	2	Abrazo-Luzena complex, 15 to 45 percent slopes	0.28	0.41	0.48	15.25	0.02	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM662	3	Anthony fine sandy loam, 1 to 3 percent slopes	0.08	0.15	0.4	3.27	0.73	0
NM662	4	Boysag clay loam, 15 to 35 percent slopes	0.25	0.38	0.47	16.3	0.02	0
NM662	5	Boysag-Abrazo-Santana complex, 3 to 20 percent slopes	0.13	0.23	0.42	5.5	0.28	0
NM662	6	Bucklebar-Sonoita-Continental association, 1 to 8 percent slopes	0.07	0.14	0.41	1.88	0.8	0
NM662	7	Carnero-Santa Fe complex, 5 to 15 percent slopes	0.1	0.18	0.43	3.18	0.58	0
NM662	8	Conger gravelly loam, 0 to 5 percent slopes	0.16	0.3	0.44	14.33	0.12	0
NM662	9	Conger-Stellar association, 0 to 5 percent slopes	0.15	0.27	0.43	11.1	0.2	0
NM662	10	Continental-Nickel association, 0 to 15 percent slopes	0.14	0.23	0.4	7.13	0.2	0
NM662	11	Dagflat-Santa Fe complex, 1 to 25 percent slopes	0.14	0.28	0.43	13.46	0.13	0
NM662	12	Encierro-Rock outcrop complex, 8 to 30 percent slopes	0.25	0.38	0.47	16.3	0.02	25
NM662	13	Encierro-Rock outcrop complex, 15 to 35 percent slopes	0.25	0.38	0.46	16.75	0.02	25
NM662	14	Gaddes-Ruidoso complex, 3 to 15 percent slopes	0.19	0.32	0.44	15.58	0.08	0
NM662	15	Gaddes-Santa Fe-Rock outcrop complex, 15 to 45 percent slopes	0.19	0.29	0.41	10.82	0.06	15
NM662	16	Gila variant fine sandy loam, 1 to 3 percent slopes	0.09	0.17	0.4	4.13	0.56	0
NM662	17	Guy very cobbly loam, 15 to 35 percent slopes	0.13	0.26	0.43	12.81	0.16	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM662	18	Guy-Lonti complex, 3 to 15 percent slopes	0.13	0.25	0.43	10.42	0.21	0
NM662	19	Haverson silty clay loam, 0 to 1 percent slopes	0.19	0.35	0.45	23.68	0.06	0
NM662	20	Hondale-Verhalen association, 0 to 3 percent slopes	0.1	0.19	0.42	4.83	0.51	0
NM662	21	Jonale sandy clay loam, 15 to 35 percent slopes	0.16	0.26	0.42	8.04	0.18	0
NM662	22	Judd-Manzano association, 1 to 15 percent slopes	0.22	0.35	0.45	16.01	0.04	0
NM662	23	Lehmans-Lithic Haplargids complex, 5 to 15 percent slopes	0.23	0.35	0.45	12.35	0.04	0
NM662	24	Lithic Haplargids-Rock outcrop association, 15 to 75 percent slopes	0.17	0.27	0.41	9.6	0.09	15
NM662	25	Lonti gravelly loam, 15 to 35 percent slopes	0.13	0.26	0.43	12.81	0.2	0
NM662	26	Lonti gravelly clay loam, 0 to 8 percent slopes	0.19	0.32	0.45	15.44	0.08	0
NM662	27	Lonti-Denver variant complex, 1 to 25 percent slopes	0.19	0.33	0.46	13.49	0.08	0
NM662	28	Lonti-Manzano association, 1 to 25 percent slopes	0.13	0.26	0.44	12.08	0.23	0
NM662	29	Lonti-Ustorthents association, 5 to 60 percent slopes	0.13	0.26	0.43	12.81	0.19	0
NM662	30	Luzena very gravelly sandy clay loam, 5 to 25 percent slopes	0.18	0.28	0.42	8.91	0.08	0
NM662	31	Luzena-Rock outcrop association, 10 to 35 percent slopes	0.3	0.42	0.49	14.63	0.01	20
NM662	32	Manzano loam, 0 to 1 percent slopes	0.13	0.26	0.46	9.99	0.35	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM662	33	Manzano loam, 1 to 3 percent slopes	0.13	0.26	0.46	9.99	0.35	0
NM662	34	Manzano-Ruidoso association, 0 to 5 percent slopes	0.15	0.29	0.46	10.78	0.26	0
NM662	35	Mimbres-Arizo-Riverwash association, 0 to 5 percent slopes	0.07	0.17	0.42	2.42	0.57	0
NM662	36	Muzzler very cobbly clay loam, 15 to 35 percent slopes	0.19	0.33	0.45	15.03	0.06	0
NM662	37	Muzzler-Rock outcrop association, 25 to 45 percent slopes	0.23	0.37	0.45	17.11	0.02	25
NM662	38	Nickel-Upton association, 2 to 15 percent slopes	0.12	0.23	0.41	8.3	0.21	0
NM662	39	Oro Grande-Rock outcrop complex, 5 to 15 percent slopes	0.15	0.29	0.47	10.15	0.19	20
NM662	40	Oro Grande-Rock outcrop complex, 25 to 75 percent slopes	0.15	0.29	0.47	10.15	0.19	30
NM662	41	Orthents, 25 to 60 percent slopes	0.13	0.26	0.43	12.81	0.17	0
NM662	42	Paymaster gravelly sandy loam, 3 to 15 percent slopes	0.1	0.2	0.47	1.72	0.73	0
NM662	43	Paymaster-Ellicott complex, 0 to 1 percent slopes	0.08	0.16	0.46	1.92	1.1	0
NM662	44	Paymaster-Ellicott complex, 1 to 3 percent slopes	0.06	0.13	0.46	1.85	1.27	0
NM662	45	Paymaster-Ellicott-Manzano association, 0 to 5 percent slopes	0.08	0.16	0.46	2.71	0.96	0
NM662	46	Pits-Dumps association, extremely steep	0	0.04	0.43	0.12	2	0
NM662	47	Plack gravelly loam, 0 to 8 percent slopes	0.16	0.29	0.45	12.86	0.16	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM662	48	Plack variant-Guy complex, 1 to 8 percent slopes	0.12	0.25	0.43	12.2	0.23	0
NM662	49	Plack variant-Guy complex, 15 to 35 percent slopes	0.13	0.26	0.43	12.81	0.18	0
NM662	50	Riverwash	0	0.04	0.42	2.68	2	0
NM662	51	Rock outcrop-Graham association, 5 to 25 percent slopes	0.27	0.4	0.47	16.14	0.02	50
NM662	52	Rock outcrop-Lithic Ustorthents complex, 15 to 65 percent slopes	0.09	0.22	0.4	13.72	0.29	50
NM662	53	Rock outcrop-Luzena association, 25 to 60 percent slopes	0.18	0.31	0.45	15.28	0.09	50
NM662	54	Rock outcrop-Muzzler association, 25 to 65 percent slopes	0.16	0.3	0.44	14.36	0.12	65
NM662	55	Ruidoso clay loam, 3 to 5 percent slopes	0.2	0.33	0.47	12.94	0.12	0
NM662	56	Ruidoso-Muzzler association, 5 to 15 percent slopes	0.21	0.35	0.46	14.62	0.05	0
NM662	57	Sampson-Dagflat complex, 3 to 12 percent slopes	0.14	0.25	0.41	10.22	0.19	0
NM662	58	Sanloren-Majada variant complex, 1 to 15 percent slopes	0.13	0.27	0.45	11.27	0.26	0
NM662	59	Santa Fe-Rock outcrop complex, 5 to 15 percent slopes	0.21	0.34	0.44	16.01	0.03	20
NM662	60	Santa Fe-Rock outcrop complex, 20 to 45 percent slopes	0.21	0.34	0.44	16.01	0.03	25
NM662	61	Santa Fe, dry-Rock outcrop complex, 25 to 70 percent slopes	0.09	0.19	0.45	2.75	0.64	25
NM662	62	Santana loamy sand, 15 to 25 percent slopes	0.05	0.12	0.43	0.58	1.49	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM662	63	Santana-Rock outcrop complex, 1 to 25 percent slopes	0.12	0.25	0.43	12.33	0.28	40
NM662	64	Santana-Rock outcrop complex, 15 to 35 percent slopes	0.09	0.18	0.42	3.71	0.68	20
NM662	65	Stellar-Mohave association, 0 to 5 percent slopes	0.16	0.26	0.41	8.34	0.16	0
NM662	66	Stellar-Verhalen-Mimbres association, 0 to 2 percent slopes	0.22	0.38	0.48	19.41	0.06	0
NM662	67	Stirk variant silty clay loam, 0 to 1 percent slopes	0.38	0.49	0.56	4.84	0.02	0
NM662	68	Tesajo very gravelly loam, 8 to 15 percent slopes	0.11	0.24	0.43	11.81	0.24	0
NM662	69	Tesajo-Manzano complex, 1 to 3 percent slopes	0.12	0.21	0.42	5.1	0.33	0
NM662	70	Tres Hermanos gravelly sandy clay loam, 0 to 8 percent slopes	0.14	0.23	0.4	7.54	0.19	0
NM662	71	Tres Hermanos-Lehmans association, 1 to 15 percent slopes	0.15	0.25	0.4	8.26	0.14	0
NM662	72	Tres Hermanos-Upton complex, 0 to 5 percent slopes	0.15	0.29	0.42	16.72	0.1	0
NM662	73	White House-Ruidoso association, 0 to 8 percent slopes	0.17	0.29	0.43	9.39	0.14	0
NM662	74	Aridic Haplustalfs, fine, mixed, mesic-Typic Ustorthents, loamy-Skeletal, mixed, nonacid, mesic association, 15 to 40 percent slopes	0.16	0.3	0.45	12.87	0.14	0
NM662	75	Aridic Haplustalfs-Typic Ustorthents association, 40 to 80 percent slopes	0.16	0.3	0.45	12.87	0.14	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM662	76	Cumulic Haplustolls-Aridic Haplustalfs complex, 1 to 15 percent slopes	0.2	0.33	0.47	12.94	0.12	0
NM662	77	Lithic Haploborolls, loamy, mixed, warm, 1 to 15 percent slopes	0.17	0.27	0.41	9.6	0.09	0
NM662	78	Lithic Haploborolls, loamy, mixed, warm, 15 to 40 percent slopes	0.17	0.27	0.41	9.6	0.09	0
NM662	79	Lithic Haploborolls, warm, 40 to 80 percent slopes	0.17	0.27	0.41	9.6	0.09	0
NM662	80	Lithic Haplustalfs, dry-Aridic Haplustalfs complex, 15 to 40	0.18	0.3	0.43	10.94	0.1	0
NM662	81	Lithic Haplustalfs, dry-Aridic Haplustalfs complex, 40 to 80	0.18	0.3	0.44	11.05	0.1	0
NM662	82	Lithic Haplustalfs, dry-Lithic Ustorthents, moist association, 40 to 80 percent slopes	0.17	0.27	0.41	9.6	0.09	0
NM662	83	Lithic Haplustalfs, loamy-Skeletal, mixed, mesic-Lithic	0.17	0.27	0.41	9.6	0.09	0
NM662	84	Lithic Haplustolls, loamy-Skeletal, mixed, mesic-Typic	0.18	0.3	0.44	11.05	0.1	0
NM662	85	Lithic Ustorthents, lo-Sk, mixed, nonacid, mesic-Typic	0.15	0.27	0.42	11	0.12	0
NM662	86	Rock outcrop-Ustorthents-Haplustolls complex, 25 to 100 percent slopes	0.16	0.3	0.45	12.87	0.14	60
NM662	87	Typic Haplustalfs, fine, mixed,mesic-Lithic Haplustolls	0.18	0.3	0.44	11.05	0.1	0
NM662	88	Typic Haplustalfs, fine, mixed, mesic-Lithic Haplustolls, loamy-Skeletal, mixed mesic complex, 15 to 40 percent slopes	0.18	0.3	0.44	11.05	0.1	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM662	89	Typic Ustipsamments, mixed, mesic-Cumulic Haplustolls, coarse	0.08	0.15	0.45	4.83	0.7	0
NM662	90	Udic Ustochrepts, coarse loamy-Lithic Haplustalfs, loamy-Skeletal, complex, 1 to 15 percent slopes	0.17	0.27	0.41	9.6	0.09	0
NM662	W	Water	0.3	0.42	0.48	11.42	0.01	100
NM682	10	Lava flows	0.3	0.42	0.48	11.42	0.01	85
NM682	20	Penistaja fine sandy loam, 1 to 3 percent slopes	0.1	0.18	0.41	3.61	0.6	0
NM682	21	Clovis sandy clay loam, 1 to 3 percent slopes	0.13	0.23	0.42	6.35	0.33	0
NM682	25	Hickman-Catman complex, 1 to 6 percent slopes	0.18	0.32	0.47	14.13	0.13	0
NM682	30	Warm Springs loam, 0 to 2 percent slopes	0.13	0.29	0.55	2.4	0.85	0
NM682	40	Aparejo clay loam, 0 to 1 percent slopes	0.21	0.34	0.44	16.6	0.05	0
NM682	41	Aparejo clay loam, sandy substratum, 0 to 1 percent slopes	0.19	0.33	0.44	16.58	0.06	0
NM682	45	Aparejo clay, 0 to 1 percent slopes	0.27	0.4	0.48	15.81	0.02	0
NM682	50	Venadito clay loam, 0 to 1 percent slopes	0.21	0.34	0.44	16.5	0.05	0
NM682	51	Venadito sandy clay loam, 0 to 1 percent slopes	0.18	0.28	0.41	9.37	0.09	0
NM682	52	Venadito variant clay loam, 0 to 1 percent slopes	0.21	0.34	0.44	16.6	0.05	0
NM682	55	Glenberg-San Mateo complex, 0 to 2 percent slopes	0.12	0.21	0.4	6.08	0.33	0
NM682	56	Mespun loamy sand, 1 to 5 percent slopes	0.03	0.1	0.39	1.82	1.44	0
NM682	57	San Mateo clay loam, 1 to 3 percent slopes	0.19	0.32	0.43	16.74	0.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM682	58	San Mateo sandy clay loam, 1 to 3 percent slopes	0.15	0.25	0.4	8.81	0.17	0
NM682	60	Sparank clay loam, 1 to 3 percent slopes	0.21	0.35	0.46	15.17	0.06	0
NM682	61	Sparham clay loam, 0 to 2 percent slopes	0.21	0.35	0.44	16.55	0.05	0
NM682	62	Sparank sandy clay loam, saline, sodic, 1 to 3 percent slopes	0.19	0.29	0.42	8.81	0.1	0
NM682	66	Zia fine sandy loam, 3 to 5 percent slopes	0.09	0.16	0.4	3.8	0.55	0
NM682	70	Catman clay loam, 1 to 3 percent slopes	0.19	0.33	0.44	16.58	0.06	0
NM682	72	Catman variant clay loam, 1 to 3 percent slopes	0.21	0.34	0.44	16.75	0.05	0
NM682	73	Catman sandy clay loam, 1 to 3 percent slopes	0.2	0.3	0.41	10.12	0.07	0
NM682	75	Hickman sandy clay loam, 1 to 3 percent slopes	0.21	0.32	0.45	8.41	0.09	0
NM682	100	Manzano loam, 1 to 5 percent slopes	0.13	0.26	0.46	9.99	0.35	0
NM682	120	Rock outcrop-Laporte complex, 30 to 60 percent slopes	0.13	0.25	0.39	16.29	0.11	50
NM682	130	Laporte-Rock outcrop complex, 3 to 20 percent slopes	0.11	0.24	0.43	11.81	0.26	30
NM682	200	Penistaja fine sandy loam, 2 to 10 percent slopes	0.15	0.25	0.4	9.25	0.16	0
NM682	205	Ildefonso very gravelly sandy loam, 3 to 15 percent slopes	0.09	0.17	0.41	3.95	0.43	0
NM682	210	Bond-Penistaja-Rock outcrop complex, 2 to 15 percent slopes	0.09	0.17	0.41	4.05	0.64	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM682	218	Viuda-Penistaja-Rock outcrop complex, 1 to 10 percent slopes	0.12	0.21	0.4	6.67	0.23	15
NM682	230	Dumps-Pits complex	0.17	0.26	0.46	1.81	0.09	0
NM682	251	Skyvillage-Rock outcrop-Bond complex, 3 to 40 percent slopes	0.08	0.17	0.42	3.5	0.7	30
NM682	257	Sparank-San Mateo complex, 0 to 5 percent slopes	0.2	0.34	0.44	19.41	0.05	0
NM682	259	Mikim loam, 1 to 5 percent slopes	0.12	0.26	0.44	11.15	0.29	0
NM682	262	Poley-Pojoaque very cobbly loams,5 to 30 percent slopes	0.2	0.33	0.43	17.08	0.04	0
NM682	264	Tapia sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	4.61	0.54	0
NM682	270	Charo loam, 0 to 5 percent slopes	0.15	0.29	0.44	14.01	0.15	0
NM682	272	Cebolleta-Borrego-Rock outcrop complex, 1 to 15 percent slopes	0.15	0.29	0.44	13.59	0.12	20
NM682	276	Trag loam, 1 to 8 percent slopes	0.14	0.28	0.47	9.38	0.31	0
NM682	278	Microy-Rock outcrop complex, 5 to 30 percent slopes	0.14	0.27	0.43	12.83	0.17	25
NM682	282	Cebolleta cobbly loam, 2 to 10 percent slopes, very stony	0.13	0.26	0.43	12.81	0.19	0
NM682	284	Cebolleta-Rock outcrop complex, 15 to 50 percent slopes	0.13	0.26	0.43	12.81	0.16	20
NM682	286	Cebolleta-Raton complex, 1 to 5 percent slopes	0.14	0.28	0.44	12.12	0.17	0
NM682	290	Paguate-Hackroy complex, 1 to 5 percent slopes	0.14	0.27	0.43	13.06	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM682	291	Paguate cobbly clay loam, 1 to 5 percent slopes	0.19	0.33	0.45	15.03	0.07	0
NM682	294	Parkay-Rock outcrop complex, 15 to 45 percent slopes	0.15	0.29	0.46	11.3	0.2	25
NM682	300	Saladon clay loam, 0 to 5 percent slopes	0.24	0.38	0.55	4.18	0.24	0
NM682	310	Mirabal very gravelly loam, 2 to 15 percent slopes	0.1	0.23	0.43	11.24	0.26	0
NM682	315	Abersito, cobbly-Abersito-Rock outcrop association, 5 to 30 percent slopes	0.15	0.27	0.43	10.19	0.12	20
NM682	320	Cinnadale gravelly very fine sandy loam, 1 to 15 percent slopes	0.08	0.18	0.42	4.33	0.58	0
NM682	325	Moreno variant loam, 2 to 10 percent slopes	0.09	0.22	0.43	10.64	0.48	0
NM682	330	Moreno loam, 1 to 10 percent slopes	0.14	0.28	0.43	13.64	0.18	0
NM682	340	Yankee silty clay loam, 0 to 3 percent slopes	0.2	0.36	0.47	20.15	0.08	0
NM682	350	Rock outcrop-Stout complex, 3 to 15 percent slopes	0.09	0.17	0.4	4.61	0.52	60
NM682	406	Poley-Rock outcrop complex, 2 to 25 percent slopes	0.13	0.26	0.41	14.69	0.13	40
NM682	407	Viuda-Rock outcrop complex, 1 to 10 percent slopes	0.21	0.37	0.46	22.06	0.03	15
NM682	419	Navajo silty clay loam, 1 to 5 percent slopes	0.21	0.36	0.46	22.58	0.05	0
NM682	420	Navajo-Suwanee complex, 1 to 5 percent slopes	0.2	0.35	0.45	19.43	0.05	0
NM682	424	Mespun-Palma association, 1 to 12 percent slopes	0.04	0.1	0.41	0.75	1.44	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM682	426	Sheppard-Shiprock association, 1 to 12 percent slopes	0.07	0.13	0.4	1.89	0.89	0
NM682	432	Winona-Rock outcrop complex, 3 to 20 percent slopes	0.13	0.26	0.43	12.81	0.15	30
NM682	434	Rizozo-Rock outcrop association, 3 to 55 percent slopes	0.12	0.2	0.38	6.07	0.27	40
NM682	446	Harvey-Oelop association, 0 to 5 percent slopes	0.16	0.3	0.42	16.99	0.09	0
NM682	476	Saido loam, 1 to 12 percent slopes	0.09	0.23	0.4	15.61	0.28	0
NM682	485	Rock outcrop-Mion complex, 15 to 65 percent slopes	0.14	0.28	0.47	9.38	0.28	60
NM682	487	Mion-Badland complex, 20 to 65 percent slopes	0.21	0.35	0.46	14.07	0.06	0
NM682	500	Timhus-Bandera association, 20 to 50 percent slopes	0.12	0.26	0.44	10.57	0.2	0
NM682	505	Flugle-Goesling loamy fine sands, 1 to 8 percent slopes	0.06	0.12	0.44	0.05	1.45	0
NM682	514	Raton-Rock outcrop complex, 1 to 10 percent slopes	0.16	0.3	0.47	10.61	0.17	25
NM682	515	Rock outcrop-Vessilla-Mion complex, 3 to 55 percent slopes	0.18	0.3	0.45	9.83	0.12	45
NM682	518	Borrego-Charo-Rock outcrop complex, 1 to 10 percent slopes	0.19	0.33	0.46	13.51	0.1	15
NM682	520	Celacy-Atarque complex, 1 to 10 percent slopes	0.16	0.26	0.4	9.78	0.11	0
NM682	522	Bandera association, 15 to 45 percent slopes	0.09	0.23	0.46	8.21	0.48	0
NM682	523	Charo-Raton complex, 1 to 10 percent slopes	0.19	0.32	0.45	13.93	0.08	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM682	525	Catman-Silkie association, 1 to 10 percent slopes	0.2	0.34	0.44	16.66	0.06	0
NM682	535	Millpaw loam, 0 to 5 percent slopes	0.15	0.29	0.46	10.99	0.26	0
NM682	536	McGaffey loam, 1 to 5 percent slopes	0.16	0.3	0.46	11.73	0.22	0
NM682	537	Millpaw-Loarc complex, 0 to 10 percent slopes	0.16	0.27	0.44	7.43	0.16	0
NM682	540	Montecito fine sandy loam, 1 to 15 percent slopes	0.09	0.17	0.4	4.17	0.51	0
NM682	550	Nogal-Galestina sandy loams, 1 to 10 percent slopes	0.23	0.36	0.45	15.97	0.03	0
NM682	555	Pinitos-Ribera sandy loams, 1 to 10 percent slopes	0.14	0.24	0.4	7.72	0.2	0
NM682	560	Flugle-Teco association, 1 to 8 percent slopes	0.13	0.22	0.44	0.42	0.34	0
NM682	561	Flugle-Quintana complex, 2 to 15 percent slopes	0.14	0.23	0.4	6.86	0.22	0
NM682	565	Quintana sandy loam, 5 to 15 percent slopes, gullied	0.09	0.18	0.4	5.01	0.53	0
NM682	570	Torreon-Rock outcrop-Cabezon complex, 15 to 45 percent slopes	0.2	0.33	0.43	16.77	0.05	25
NM682	575	Teco-Atarque association, 1 to 8 percent slopes	0.1	0.18	0.41	3.61	0.61	0
NM682	576	Teco sandy loam, 2 to 5 percent slopes	0.1	0.19	0.42	4.26	0.58	0
NM682	577	Cabezon-Montecito-Rock outcrop association, 1 to 10 percent slopes	0.2	0.33	0.43	17.61	0.05	20
NM682	579	Cabezon-Cantina complex, 1 to 7 percent slopes	0.19	0.31	0.42	13.62	0.06	0
NM682	581	Laporte-Vessilla complex, 3 to 15 percent slopes	0.11	0.22	0.4	9.53	0.23	0
NM682	582	Kenray fine sand, 3 to 15 percent slopes	0.05	0.09	0.42	0.02	1.6	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM682	585	Moncha silt loam, 2 to 10 percent slopes	0.19	0.36	0.45	31.53	0.04	0
NM682	586	Venadito-Teco association, 0 to 10 percent slopes	0.2	0.34	0.44	16.05	0.06	0
NM682	591	Valnor-Techado association, 2 to 25 percent slopes	0.22	0.36	0.45	17.01	0.03	0
NM682	610	Grieta-Shiprock association, 1 to 10 percent slopes	0.09	0.17	0.39	5.3	0.5	0
NM682	611	Grieta-Kiki sandy loams, 3 to 15 percent slopes	0.09	0.18	0.39	5.47	0.46	0
NM682	615	Trag-Techado-Rock outcrop complex, 3 to 55 percent slopes	0.18	0.3	0.41	12.95	0.06	20
NM682	618	Netoma sandy loam, 2 to 12 percent slopes	0.09	0.17	0.39	4.89	0.54	0
NM682	619	Venadito clay loam, 1 to 5 percent slopes	0.21	0.34	0.44	16.5	0.05	0
NM682	620	Aparejo-Venadito complex, 1 to 5 percent slopes	0.21	0.36	0.46	23.26	0.04	0
NM682	625	Hagerman-Bond association, 1 to 10 percent slopes	0.09	0.17	0.4	4	0.59	0
NM682	630	Bond-Rizozo-Rock outcrop complex, 2 to 20 percent slopes	0.15	0.27	0.4	12.6	0.1	25
NM682	640	Flaco-Berto loams, 0 to 5 percent slopes	0.15	0.28	0.41	17.21	0.1	0
NM682	641	Berto-Flaco cobbly loams, 1 to 10 percent slopes	0.15	0.28	0.41	17.15	0.1	0
NM682	645	Penistaja-Oelop association, 0 to 5 percent slopes	0.11	0.21	0.42	6.09	0.42	0
NM682	650	Winona-Tanbark-Rock outcrop association, 15 to 60 percent slopes	0.13	0.27	0.42	14.1	0.15	15
NM682	660	Rana-Rock outcrop complex, 2 to 25 percent slopes	0.38	0.48	0.56	4.66	0.01	40
NM682	W	Water	0.3	0.42	0.48	11.42	0.01	100

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM692	8	Water	0.3	0.42	0.48	11.42	0.01	100
NM692	10	Tsosie-Councelor-Blancot fine sandy loams, 1 to 3 percent slopes	0.09	0.17	0.39	4.4	0.54	0
NM692	11	Doakum-Betonnie complex, 1 to 8 percent slopes	0.13	0.23	0.41	6.54	0.28	0
NM692	12	Calladito-Elias association, 1 to 6 percent slopes	0.08	0.16	0.41	2.62	0.6	0
NM692	13	Councelor-Calladito complex, 1 to 8 percent slopes	0.07	0.15	0.4	2.78	0.76	0
NM692	14	Councelor-Eslendo-Calladito complex, 2 to 25 percent slopes	0.09	0.19	0.41	4.31	0.42	0
NM692	16	Starlake clay, 1 to 3 percent slopes	0.27	0.4	0.48	15.64	0.02	0
NM692	22	Querencia-Lavodnas association, 2 to 15 percent slopes	0.17	0.3	0.43	15.72	0.1	0
NM692	30	Orlie-Tinian complex, 1 to 6 percent slopes	0.11	0.23	0.41	9.86	0.29	0
NM692	40	Nuffel silt loam, 0 to 2 percent slopes	0.19	0.37	0.47	28.45	0.06	0
NM692	42	Suwanee clay loam, 0 to 2 percent slopes	0.21	0.35	0.46	15.17	0.06	0
NM692	44	Suwanee clay, 0 to 1 percent slopes	0.28	0.42	0.49	14.99	0.02	0
NM692	45	Nutreeah clay loam, 0 to 2 percent slopes	0.22	0.35	0.47	13.23	0.08	0
NM692	47	Conchovar clay loam, 0 to 1 percent slopes	0.23	0.36	0.46	14.99	0.05	0
NM692	49	Concho clay loam, 0 to 2 percent slopes	0.22	0.35	0.47	13.23	0.08	0
NM692	51	Kwakina loamy fine sand, 0 to 2 percent slopes	0.05	0.11	0.41	0.75	1.36	0
NM692	52	Zuniven loamy fine sand, 0 to 2 percent slopes	0.06	0.11	0.42	0.4	1.42	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM692	53	Hawaikuh clay loam, 0 to 2 percent slopes	0.21	0.35	0.44	16.65	0.05	0
NM692	54	Venadito clay, saline, 0 to 2 percent slopes	0.36	0.46	0.55	5.39	0.03	0
NM692	55	Sparham clay loam, 0 to 2 percent slopes	0.3	0.42	0.5	14.25	0.02	0
NM692	60	Redpen sandy clay loam, 0 to 2 percent slopes	0.14	0.24	0.42	6.83	0.26	0
NM692	100	Norkiki-Kimnoli complex, 1 to 8 percent slopes	0.08	0.14	0.4	1.82	0.74	0
NM692	110	Benally-Fruitland association, 1 to 5 percent slopes	0.13	0.22	0.41	3.95	0.22	0
NM692	111	Yelives fine sandy loam, 1 to 3 percent slopes	0.09	0.17	0.4	4.17	0.53	0
NM692	115	Razito-Shiprock complex, 3 to 8 percent slopes	0.05	0.12	0.4	1.61	1.09	0
NM692	116	Fajada-Huerfano-Benally complex, 1 to 5 percent slopes	0.19	0.31	0.42	14.69	0.06	0
NM692	118	Farb-Chipeta-Rock outcrop complex, 2 to 30 percent slopes	0.15	0.25	0.42	8.25	0.16	25
NM692	120	Doak-Shiprock complex, 1 to 8 percent slopes	0.11	0.2	0.4	3.97	0.34	0
NM692	121	Badland	0.11	0.24	0.39	8.19	0.19	0
NM692	122	Rock outcrop-Farb complex, 2 to 8 percent slopes	0.06	0.15	0.39	4.44	0.47	45
NM692	125	Sanfeco fine sandy loam, 0 to 2 percent slopes	0.21	0.35	0.44	16.65	0.05	0
NM692	130	Chipeta-Badland-Moncisco complex, 2 to 45 percent slopes	0.13	0.27	0.41	14.4	0.11	0
NM692	150	Riverwash-Escawetter association, 0 to 1 percent slopes	0.01	0.05	0.42	0.22	1.97	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM692	160	Escawetter-Riverwash-Razito association, 0 to 5 percent slopes	0.01	0.04	0.43	0.46	2	0
NM692	205	Penistaja-Tintero complex, 1 to 10 percent slopes	0.08	0.17	0.41	4.03	0.68	0
NM692	208	Marianolake fine sandy loam, 1 to 8 percent slopes	0.15	0.29	0.42	16.72	0.12	0
NM692	210	Marianolake-Skyvillage complex, 1 to 8 percent slopes	0.09	0.17	0.41	3.72	0.58	0
NM692	212	Rehobeth silty clay loam, 0 to 1 percent slopes	0.21	0.37	0.47	21.88	0.05	0
NM692	215	Viuda-Penistaja-Rock outcrop complex, 1 to 5 percent slopes	0.12	0.21	0.4	5.88	0.24	25
NM692	220	Hagerwest-Bond fine sandy loams, 1 to 8 percent slopes	0.14	0.23	0.4	6.91	0.21	0
NM692	225	Aquima-Hawaikuh silt loams, 1 to 5 percent slopes	0.12	0.28	0.42	23.75	0.14	0
NM692	230	Sparank-San Mateo-Zia complex, 0 to 3 percent slopes	0.2	0.32	0.45	11.17	0.07	0
NM692	235	Notal-Hamburn complex, 0 to 2 percent slopes	0.21	0.35	0.45	15.89	0.06	0
NM692	240	Breadsprings and Nahodish soils, 0 to 2 percent slopes	0.16	0.31	0.43	19.09	0.09	0
NM692	241	Mentmore loam, 1 to 8 percent slopes	0.18	0.32	0.43	17.76	0.07	0
NM692	242	Gish-Mentmore complex, 1 to 8 percent slopes	0.21	0.34	0.44	17.14	0.05	0
NM692	244	Buckle fine sandy loam, 1 to 8 percent slopes	0.1	0.18	0.41	3.93	0.55	0
NM692	245	Buckle-Gapmesa-Barboncito complex, 1 to 6 percent slopes	0.16	0.29	0.41	14.16	0.1	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM692	250	Hospah-Skyvillage-Rock outcrop complex, 2 to 35 percent slopes	0.14	0.26	0.43	8.68	0.12	25
NM692	255	Farview-Rock outcrop complex, 2 to 15 percent slopes	0.09	0.17	0.39	4.33	0.55	35
NM692	258	Eagleye-Atchee-Rock outcrop complex, 2 to 35 percent slopes	0.2	0.31	0.43	11.49	0.07	20
NM692	260	Quarries and pits	0.3	0.42	0.48	11.42	0.01	0
NM692	261	Coal mine lands	0.3	0.42	0.48	11.42	0.01	0
NM692	265	Uranium mined lands	0.3	0.42	0.48	11.42	0.01	0
NM692	270	Alesna-Rock outcrop complex, 15 to 55 percent slopes	0.21	0.35	0.44	16.65	0.04	20
NM692	275	Eldado gravelly fine sandy loam, 1 to 5 percent slopes	0.17	0.27	0.4	9.83	0.1	0
NM692	280	Azabache extremely gravelly clay loam, 2 to 8 percent slopes	0.27	0.4	0.48	15.81	0.02	0
NM692	290	Rock outcrop-Westmion-Skyvillage complex, 30 to 80 percent slopes	0.22	0.34	0.46	10.63	0.06	45
NM692	291	Rock outcrop-Eagleye-Atchee complex, 35 to 70 percent slopes	0.16	0.28	0.43	11.54	0.14	50
NM692	300	Regracic gravelly sandy clay loam, 2 to 6 percent slopes	0.25	0.39	0.47	14.98	0.03	0
NM692	305	Celavar-Atarque complex, 1 to 8 percent slopes	0.13	0.22	0.4	6.89	0.26	0
NM692	308	Fikel-Venzuni complex, 1 to 6 percent slopes	0.25	0.38	0.47	13.65	0.04	0
NM692	310	Parkelei sandy loam, 1 to 8 percent slopes	0.17	0.27	0.41	9.6	0.11	0
NM692	312	Bluewater loam, 0 to 1 percent slopes	0.21	0.35	0.5	9.99	0.15	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM692	315	Flugle-Fragua complex, 1 to 10 percent slopes	0.11	0.22	0.42	8.23	0.38	0
NM692	316	Royosa loamy fine sand, 1 to 15 percent slopes	0.04	0.11	0.41	1.26	1.49	0
NM692	317	Highdye-Evpark-Bryway complex, 2 to 20 percent slopes	0.11	0.21	0.42	5.74	0.42	0
NM692	320	Parkelei-Fraguni complex, 1 to 8 percent slopes	0.06	0.13	0.42	1.44	1.11	0
NM692	325	Venzuni silty clay, 1 to 3 percent slopes	0.32	0.45	0.54	9.46	0.04	0
NM692	332	Evpark-Arabrab complex, 2 to 6 percent slopes	0.15	0.27	0.42	11.04	0.17	0
NM692	335	Venadito clay, 1 to 3 percent slopes	0.3	0.42	0.5	11.68	0.03	0
NM692	336	Nuffel-Venadito complex, 1 to 3 percent slopes	0.21	0.37	0.47	20.16	0.05	0
NM692	338	Zyme-Lockerby association, 5 to 35 percent slopes	0.24	0.38	0.47	18.9	0.03	0
NM692	345	Rock outcrop-Tuces complex, 20 to 70 percent slopes	0.3	0.43	0.49	15	0.01	40
NM692	350	Toldohn-Vessilla-Rock outcrop complex, 8 to 35 percent slopes	0.15	0.26	0.43	7.47	0.17	20
NM692	351	Rock outcrop-Vessilla complex, 35 to 70 percent slopes	0.08	0.15	0.4	3.27	0.67	60
NM692	352	Zia sandy loam, 1 to 5 percent slopes	0.1	0.19	0.42	4.26	0.58	0
NM692	353	Mido loamy fine sand, 1 to 6 percent slopes	0.02	0.09	0.41	0.88	1.9	0
NM692	354	Knifehill loam, 1 to 5 percent slopes	0.21	0.35	0.46	15.17	0.06	0
NM692	355	Rizno-Tekapo-Rock outcrop complex, 2 to 45 percent slopes	0.16	0.28	0.44	9.08	0.16	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM692	357	Heshotauthla clay, 0 to 1 percent slopes	0.27	0.4	0.48	14.49	0.03	0
NM692	360	Hosta-Concho association, 0 to 5 percent slopes	0.25	0.38	0.47	15.23	0.03	0
NM692	361	Monpark silty clay, 2 to 8 percent slopes	0.28	0.42	0.52	15.33	0.04	0
NM692	365	Vessilla-Rock outcrop complex, 2 to 15 percent slopes	0.09	0.17	0.4	4.13	0.49	35
NM692	366	Bosonoak loam, 1 to 5 percent slopes	0.19	0.32	0.43	17.62	0.05	0
NM692	367	Chunkmonk very gravelly fine sandy loam, 2 to 10 percent slopes	0.11	0.24	0.41	14.13	0.14	0
NM692	368	Simitarq-Celavar sandy loams, 2 to 8 percent slopes	0.17	0.27	0.4	9.75	0.11	0
NM692	375	Todest-Shadilto complex, 2 to 8 percent slopes	0.09	0.17	0.39	4.6	0.47	0
NM692	376	Todest fine sandy loam, 2 to 8 percent slopes	0.17	0.27	0.4	10.02	0.1	0
NM692	380	Berryhill-Casamero clays, 2 to 10 percent slopes	0.29	0.42	0.49	14.55	0.02	0
NM692	385	Mcorreon-Rock outcrop complex, 10 to 40 percent slopes	0.21	0.35	0.45	15.66	0.05	20
NM692	390	Banquito very fine sandy loam, 1 to 3 percent slopes	0.18	0.32	0.43	18.11	0.06	0
NM692	395	Cabezon-Mcorreon complex, 2 to 8 percent slopes	0.25	0.38	0.47	15.34	0.03	0
NM692	400	Shoemaker-Stozuni complex, 2 to 8 percent slopes	0.09	0.17	0.41	3.41	0.64	0
NM692	403	Valnor-Techado complex, 2 to 25 percent slopes	0.23	0.36	0.46	15.22	0.04	0
NM692	404	Rock outcrop-Techado-Stozuni complex, 5 to 60 percent slopes	0.15	0.27	0.43	8.82	0.14	35

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM692	405	Fortwingate-Owlrock complex, 2 to 8 percent slopes	0.14	0.27	0.43	12.98	0.17	0
NM692	406	Polich silt loam, 0 to 3 percent slopes	0.14	0.31	0.46	18.1	0.2	0
NM692	407	Cinnadale-Heckly association, 5 to 40 percent slopes	0.09	0.17	0.4	4.34	0.32	0
NM692	408	Mirabal-Zuni complex, 1 to 40 percent slopes	0.08	0.16	0.4	4.48	0.52	0
NM692	409	Rauster-Rock outcrop complex, 5 to 35 percent slopes	0.27	0.4	0.48	14.49	0.03	30
NM692	410	Montillo-Tsoodzil complex, 5 to 35 percent slopes	0.15	0.3	0.49	10.02	0.24	0
NM692	411	Ligocki-Robolata complex, 1 to 5 percent slopes	0.11	0.21	0.41	6.78	0.39	0
NM692	412	Rock outcrop-Rionutria-Zaster association, 15 to 80 percent slopes	0.11	0.25	0.42	13.21	0.15	50
NM692	413	Morclay silty clay, 1 to 5 percent slopes	0.3	0.42	0.5	14.25	0.02	0
NM692	414	Zunalei-Corzuni loamy fine sands, 2 to 10 percent slopes	0.07	0.14	0.41	1.1	1.02	0
NM692	415	Tsoodzil-Rubble land complex, 10 to 55 percent slopes	0.14	0.27	0.46	8.25	0.23	0
NM692	416	Rock outcrop-Bluesky complex, 5 to 80 percent slopes	0.01	0.05	0.43	2.68	2	70
NM692	418	Asaayi-Osoridge complex, 2 to 15 percent slopes	0.16	0.27	0.44	7.44	0.15	0
NM692	419	Fortwingate-Cinnadale-Rock outcrop complex, 5 to 45 percent slopes	0.09	0.2	0.4	8.22	0.24	20
NM692	420	Seco clay loam, 1 to 5 percent slopes	0.24	0.37	0.48	12.36	0.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM692	425	Montillo-Canoneros complex, 2 to 6 percent slopes	0.25	0.38	0.48	13.43	0.04	0
NM692	430	Montillo gravelly loam, 2 to 6 percent slopes	0.15	0.29	0.48	8.43	0.33	0
NM692	435	Tsoodzil-Amcec association, 5 to 50 percent slopes	0.14	0.29	0.48	8.27	0.24	0
NM692	440	Chivato clay, 0 to 1 percent slopes	0.3	0.42	0.51	10.95	0.03	0
NM692	525	Silcat clay loam, 1 to 10 percent slopes	0.3	0.42	0.5	13.14	0.02	0
NM692	550	Bryway-Galzuni loams, 1 to 8 percent slopes	0.24	0.37	0.46	16.05	0.03	0
NM692	555	Parkelei-Evpark fine sandy loams, 2 to 8 percent slopes	0.1	0.18	0.42	3.53	0.59	0
NM692	560	Flugle-Teczuni complex, 1 to 5 percent slopes	0.15	0.25	0.43	7.02	0.2	0
NM692	561	Flugle-Plumasano association, 2 to 8 percent slopes	0.1	0.18	0.41	4.16	0.56	0
NM692	565	Plumasano-Rock outcrop complex, 15 to 40 percent slopes	0.09	0.18	0.4	4.97	0.52	20
NM692	566	Bamac extremely gravelly sandy loam, 5 to 50 percent slopes	0.06	0.15	0.4	4.06	0.44	0
NM692	575	Ramah-Pescado association, 1 to 8 percent slopes	0.1	0.18	0.41	4.26	0.55	0
NM717	100	Werito loam, 1 to 3 percent slopes	0.14	0.27	0.41	16.04	0.14	0
NM717	102	Blackston-Camac-Rock outcrop complex, 0 to 60 percent slopes	0.09	0.17	0.4	4.55	0.42	15
NM717	105	Hamburn clay loam, 0 to 1 percent slopes	0.19	0.33	0.45	15.03	0.09	0
NM717	107	Tocito-Gullied land complex, 1 to 3 percent slopes	0.17	0.3	0.42	15.68	0.09	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	110	Brimhall-Benally-Genats association, 0 to 45 percent slopes	0.11	0.19	0.4	3.94	0.35	0
NM717	113	Gyptur very fine sandy loam, 0 to 3 percent slopes	0.19	0.37	0.46	30.68	0.05	0
NM717	115	Denazar-Farb fine sands, 0 to 3 percent slopes	0.01	0.04	0.43	0.51	2	0
NM717	117	Badland-Rock outcrop complex	0.11	0.24	0.39	8.19	0.19	15
NM717	120	Nageezi-Denazar association, 1 to 8 percent slopes	0.03	0.08	0.42	1.21	1.6	0
NM717	122	Blueflat-Notal association, 2 to 10 percent slopes	0.21	0.34	0.44	16.52	0.05	0
NM717	125	Kimbeto loamy fine sand, 0 to 4 percent slopes	0.05	0.1	0.41	0.68	1.34	0
NM717	130	Badland-Genats complex, 35 to 60 percent slopes	0.1	0.25	0.4	13.34	0.16	0
NM717	133	Razito sand, 1 to 6 percent slopes	0.01	0.04	0.43	2.68	2	0
NM717	135	Farb-Rock outcrop-Badland complex, 2 to 25 percent slopes	0.08	0.17	0.39	5.14	0.49	25
NM717	137	Persayo-Cairn-Patel complex, 1 to 25 percent slopes	0.21	0.35	0.45	19.93	0.04	0
NM717	140	Benally loamy sand, 1 to 3 percent slopes, overblown	0.04	0.09	0.4	0.64	1.46	0
NM717	142	Bebeevar-Walrees complex, 0 to 2 percent slopes	0.05	0.12	0.41	1.76	1.12	0
NM717	145	Razito-Huerfano complex, 0 to 8 percent slopes	0.11	0.19	0.4	3.56	0.35	0
NM717	147	Escavada sand, 0 to 1 percent slopes	0.01	0.04	0.43	2.68	2	0
NM717	150	Chipeta-Badland-Moncisco complex, 2 to 45 percent slopes	0.18	0.31	0.44	11.76	0.08	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	153	Green River-Green River, saline fine sandy loams, 0 to 1 percent slopes	0.1	0.18	0.41	3.79	0.59	0
NM717	155	Mesa fine sandy loam, 1 to 4 percent slopes	0.15	0.25	0.4	9.01	0.15	0
NM717	157	Werjo, saline-Werjo loams, 0 to 1 percent slopes	0.14	0.27	0.42	14.97	0.17	0
NM717	160	Notal-Escavada-Riverwash association, 0 to 1 percent slopes	0.13	0.29	0.44	10.62	0.15	0
NM717	163	Werlog silty clay loam, 0 to 1 percent slopes	0.19	0.35	0.45	23.48	0.06	0
NM717	165	Jeddito-Escavada association, 0 to 3 percent slopes	0.05	0.11	0.4	1.17	1.22	0
NM717	167	Hoskay-Patel-Badland complex, 1 to 25 percent slopes	0.23	0.36	0.45	14.57	0.03	0
NM717	170	Notal sandy clay loam, 0 to 1 percent slopes	0.27	0.4	0.48	14.49	0.03	0
NM717	173	Shiprock fine sandy loam, 1 to 3 percent slopes	0.08	0.16	0.4	3.64	0.69	0
NM717	175	Suwanee loam, 0 to 1 percent slopes	0.14	0.27	0.41	15.79	0.16	0
NM717	177	Notal silty clay loam, 1 to 3 percent slopes	0.23	0.38	0.48	17.77	0.06	0
NM717	180	Kimbeto-Huerfano complex, 1 to 4 percent slopes	0.12	0.21	0.42	3.46	0.28	0
NM717	183	Gyptur loam, 3 to 15 percent slopes	0.14	0.28	0.41	20	0.12	0
NM717	190	Jeddito loamy fine sand, 0 to 2 percent slopes	0.05	0.1	0.4	0.84	1.3	0
NM717	195	Tewa fine sandy loam, 2 to 15 percent slopes	0.09	0.17	0.39	4.33	0.52	0
NM717	200	Tocito silt loam, 1 to 3 percent slopes	0.14	0.34	0.44	35.69	0.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	205	Shiprock-Farb complex, 1 to 5 percent slopes	0.05	0.11	0.4	1.03	1.2	0
NM717	210	Mack-Mesa fine sandy loams, 1 to 4 percent slopes	0.11	0.19	0.4	4.82	0.39	0
NM717	215	Persayo-Fordbutte association, 1 to 10 percent slopes	0.12	0.23	0.4	11.51	0.22	0
NM717	220	Chinde loam, 0 to 5 percent slopes	0.18	0.32	0.43	17.76	0.07	0
NM717	230	Ravola very fine sandy loam, 1 to 3 percent slopes	0.09	0.19	0.4	6.26	0.48	0
NM717	235	Wingrock-Rock outcrop association, 4 to 15 percent slopes	0.05	0.1	0.41	0.63	1.1	25
NM717	240	Nageezi loamy fine sand, 1 to 6 percent slopes	0.07	0.15	0.4	3.43	0.73	0
NM717	245	Tsebitai very fine sandy loam, 1 to 3 percent slopes	0.09	0.18	0.4	6.05	0.5	0
NM717	250	Littlehat-Persayo-Nataani complex, 1 to 15 percent slopes	0.13	0.28	0.42	18.12	0.13	0
NM717	255	Benally fine sandy loam, 1 to 5 percent slopes	0.09	0.17	0.39	4.41	0.52	0
NM717	260	Littlehat-Persayo-Badland complex, 3 to 45 percent slopes	0.12	0.29	0.41	23.75	0.1	0
NM717	265	Camac-Kimbeto-Badland association, 0 to 50 percent slopes	0.12	0.22	0.4	7.99	0.2	0
NM717	270	Fruitland sandy clay loam, 1 to 3 percent slopes	0.15	0.24	0.4	8.03	0.19	0
NM717	275	Razito loamy sand, 3 to 5 percent slopes	0.03	0.1	0.4	1.41	1.42	0
NM717	285	Water-Riverwash complex	0	0.03	0.43	0.13	2	70
NM717	290	Mesa clay loam, wet, 0 to 1 percent slopes	0.23	0.36	0.45	16.34	0.04	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	295	Mesa sandy clay loam, wet, 0 to 1 percent slopes	0.15	0.25	0.41	8.76	0.16	0
NM717	300	Farview-Rock outcrop complex, 1 to 10 percent slopes	0.09	0.17	0.4	3.76	0.5	35
NM717	301	Farview-Sanostee-Rock outcrop association, 1 to 10 percent slopes	0.11	0.2	0.4	5.81	0.32	15
NM717	302	Doakum fine sandy loam, 1 to 10 percent slopes	0.15	0.24	0.4	8.08	0.19	0
NM717	303	Snapill very fine sandy loam, 1 to 6 percent slopes	0.09	0.18	0.4	5.82	0.54	0
NM717	304	Farview-Beclabito-Rock outcrop complex, 1 to 10 percent slopes	0.09	0.17	0.4	4.42	0.48	10
NM717	305	Strych-Eagleye-Rock outcrop complex, 15 to 70 percent slopes	0.13	0.23	0.41	7.9	0.15	15
NM717	306	Arches-Kitsili-Mido complex, 1 to 25 percent slopes	0.05	0.12	0.41	1.6	1.19	0
NM717	307	Bodot-Beclabito-Rock outcrop complex, 15 to 65 percent slopes	0.15	0.27	0.42	11.69	0.08	15
NM717	308	McElmo-Farview complex, 2 to 15 percent slopes	0.23	0.35	0.47	9.91	0.03	0
NM717	309	Rock outcrop-Rizno complex, 2 to 20 percent slopes	0.08	0.16	0.4	3.72	0.68	50
NM717	310	Millett-Blanding-Strych association, 2 to 50 percent slopes	0.11	0.2	0.41	5	0.34	0
NM717	311	Kinusta-Eslendo-Rock outcrop complex, 15 to 70 percent slopes	0.09	0.17	0.4	5.16	0.4	10
NM717	312	Blanding very fine sandy loam, 2 to 8 percent slopes	0.09	0.18	0.4	6.05	0.52	0
NM717	313	Marjane-Kitsili complex, 2 to 8 percent slopes	0.07	0.13	0.4	1.66	0.94	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	314	Mido loamy fine sand, 8 to 45 percent slopes	0.04	0.1	0.41	1.28	1.5	0
NM717	315	Shoegame-Riverwash complex, 2 to 5 percent slopes	0.05	0.12	0.4	2.02	0.65	0
NM717	316	Millett-Strych-Doakum complex, 5 to 65 percent slopes	0.12	0.21	0.4	5.56	0.25	0
NM717	317	Toadlena-Eagleye complex, 2 to 60 percent slopes	0.17	0.3	0.43	16.11	0.07	0
NM717	318	Camino silty clay loam, 1 to 8 percent slopes	0.23	0.38	0.47	20.09	0.04	0
NM717	319	Skyhawk-Lavellga association, 5 to 50 percent slopes	0.16	0.29	0.44	11.85	0.11	0
NM717	320	Beclabito-Kinusta-Badland complex, 2 to 45 percent slopes	0.08	0.19	0.4	7.64	0.38	0
NM717	400	Wetherill-Atlatl association, 1 to 15 percent slopes	0.11	0.2	0.41	5.14	0.44	0
NM717	401	Vessilla-Rock outcrop complex, 5 to 25 percent slopes	0.08	0.16	0.4	3.64	0.55	25
NM717	402	Chazner very cobbly very fine sandy loam, 5 to 15 percent slopes, extremely stony	0.12	0.23	0.43	6.02	0.33	0
NM717	403	Chazner-Katzine complex, 5 to 45 percent slopes	0.11	0.2	0.43	3.87	0.4	0
NM717	404	Wetherill-Tsezhin association, 3 to 15 percent slopes	0.14	0.25	0.42	8.37	0.22	0
NM717	406	Rock outcrop-Nizhoni complex, 2 to 20 percent slopes	0.09	0.18	0.4	5.76	0.54	50
NM717	407	Iwela-Nomrah-Vosburg complex, 1 to 40 percent slopes	0.1	0.19	0.43	3.74	0.49	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	408	Nizhoni-Rock outcrop complex, 2 to 15 percent slopes	0.09	0.18	0.4	5.76	0.54	20
NM717	409	Chinlini loam, 2 to 6 percent slopes	0.11	0.25	0.43	12.68	0.34	0
NM717	410	Wetherill very fine sandy loam, 15 to 60 percent slopes, eroded	0.09	0.18	0.42	4.48	0.67	0
NM717	411	Sojourn-Badland complex, 15 to 50 percent slopes	0.1	0.25	0.4	18.35	0.18	0
NM717	412	Highdye-Menefee association, 5 to 35 percent slopes	0.12	0.23	0.42	6.95	0.24	0
NM717	413	Hozho-Quezcan-Rock outcrop complex, 35 to 70 percent slopes	0.12	0.21	0.41	6.54	0.21	10
NM717	414	Arabrab-Wetherill complex, 3 to 15 percent slopes	0.1	0.19	0.42	4.9	0.43	0
NM717	415	Tsezhin extremely cobbly very fine sandy loam, 35 to 70 percent slopes, rubbly	0.1	0.19	0.42	4.9	0.32	0
NM717	416	Arabrab-Rock outcrop complex, 15 to 60 percent slopes	0.15	0.24	0.4	8.03	0.15	20
NM717	417	Wetherill very fine sandy loam, 5 to 25 percent slopes	0.11	0.21	0.42	5.76	0.48	0
NM717	418	Menefee-Espiritu-Rock outcrop complex, 35 to 75 percent slopes	0.15	0.27	0.43	9.48	0.09	10
NM717	500	Whit very fine sandy loam, 1 to 3 percent slopes	0.09	0.18	0.4	5.93	0.53	0
NM717	501	Escavada-Riverwash complex, 0 to 1 percent slopes	0.02	0.06	0.42	0.39	1.84	0
NM717	502	Sogzie loamy fine sand, 1 to 5 percent slopes	0.04	0.1	0.4	1.52	1.47	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	503	Claysprings-Badland complex, 35 to 60 percent slopes	0.23	0.36	0.45	12.6	0.04	0
NM717	504	Tohona-Kimnoli-Claysprings complex, 2 to 45 percent slopes	0.23	0.35	0.47	8.39	0.04	0
NM717	505	Recapture-Shorthair-Aneth complex, 1 to 8 percent slopes	0.07	0.13	0.4	1.66	0.84	0
NM717	506	Blackston-Grazane association, 3 to 50 percent slopes	0.08	0.16	0.4	3.89	0.52	0
NM717	507	Sheppard loamy fine sand, 2 to 8 percent slopes, hummocky	0.04	0.1	0.4	1.34	1.5	0
NM717	508	Shalet-Rock outcrop complex, 8 to 45 percent slopes	0.15	0.25	0.4	9.1	0.16	40
NM717	509	Trail loamy fine sand, 1 to 3 percent slopes	0.04	0.1	0.4	1.34	1.5	0
NM717	510	Aneth loamy fine sand, 1 to 3 percent slopes	0.05	0.1	0.4	0.82	1.36	0
NM717	511	Redlands loamy fine sand, 1 to 3 percent slopes	0.08	0.16	0.39	3.93	0.66	0
NM717	512	Gotho fine sandy loam, 0 to 2 percent slopes	0.17	0.31	0.42	18.04	0.08	0
NM717	513	Sogzie-Aneth association, 2 to 8 percent slopes	0.04	0.1	0.41	1.41	1.48	0
NM717	514	Aneth loamy fine sand, 2 to 8 percent slopes, hummocky	0.04	0.1	0.41	1.28	1.5	0
NM717	515	Piute-Bluechief-Rock outcrop complex, 2 to 25 percent slopes	0.03	0.07	0.41	2.05	1.8	20
NM717	516	Kaito-Claysprings complex, 30 to 65 percent slopes	0.17	0.27	0.43	6.8	0.1	0
NM717	517	Moffat loamy fine sand, 1 to 12 percent slopes	0.05	0.1	0.41	0.75	1.27	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	518	Tohatin-Sheppard loamy fine sands, 5 to 35 percent slopes	0.04	0.1	0.41	1.3	1.41	0
NM717	519	Shumbegay loamy fine sand, 0 to 8 percent slopes	0.03	0.1	0.4	1.56	1.46	0
NM717	520	Rock outcrop-Needle complex, 2 to 20 percent slopes	0.02	0.05	0.43	2.68	2	75
NM717	521	Sandbench-Sheppard fine sands, 1 to 8 percent slopes	0.02	0.05	0.43	2.68	2	0
NM717	522	Pennell loamy fine sand, 1 to 6 percent slopes	0.04	0.1	0.41	1.28	1.35	0
NM717	523	Tyende-Aneth-Shumbegay loamy fine sands, 1 to 25 percent slopes	0.04	0.1	0.4	1.29	1.44	0
NM717	524	Uzaneva clay loam, 0 to 2 percent slopes	0.27	0.4	0.48	15.73	0.02	0
NM717	525	Rock outcrop	0.3	0.42	0.48	11.42	0.01	90
NM717	526	Sandbench-Rock outcrop-Piute, cool complex, 1 to 8 percent slopes	0.02	0.06	0.42	2.68	2	25
NM717	527	Outpost sandy clay loam, 0 to 2 percent slopes	0.17	0.27	0.41	9.6	0.12	0
NM717	528	Mack fine sandy loam, 1 to 3 percent slopes	0.08	0.16	0.4	3.84	0.62	0
NM717	600	Kunz-Yahmore complex, 2 to 35 percent slopes	0.1	0.18	0.44	2.07	0.6	0
NM717	602	Bostwick-Canburn complex, 0 to 5 percent slopes	0.12	0.24	0.46	4.73	0.54	0
NM717	604	Yahmore-Sandark complex, 1 to 15 percent slopes	0.08	0.16	0.46	2.31	1.22	0
NM717	606	Narbona-Deza complex, 5 to 50 percent slopes	0.04	0.08	0.46	2.86	1.76	0
NM717	608	Narbona-Zilditloi complex, 45 to 90 percent slopes	0.05	0.11	0.44	2.35	1.34	0
NM717	610	Kunz-Xankey complex, 5 to 45 percent slopes	0.12	0.22	0.43	5.09	0.37	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM717	612	Xankey very cobbly loam, 45 to 70 percent slopes, extremely bouldery	0.14	0.28	0.43	13.24	0.13	0
NM717	614	Kunz-Tuntsa-Yahmore complex, 3 to 45 percent slopes	0.1	0.23	0.45	6.29	0.46	0
NM717	616	Ligai-Pastorpeak-Rock outcrop complex, 35 to 95 percent slopes	0.14	0.25	0.47	2.03	0.26	10
NM717	618	Zibetod-Bigpaw complex, 5 to 35 percent slopes	0.12	0.24	0.44	7.33	0.33	0
NM717	700	Akhoni-Retaw complex, 0 to 15 percent slopes	0.1	0.23	0.51	1.92	0.93	0
NM717	702	Bikeyah-Berland loams, 1 to 15 percent slopes	0.14	0.28	0.46	9.89	0.29	0
NM717	704	Klizhin-Captom complex, 15 to 60 percent slopes	0.08	0.16	0.46	2.53	0.99	0
NM717	706	Todacheene-Viewpoint-Owlspring association, 1 to 20 percent slopes	0.14	0.28	0.49	7.48	0.4	0
NM717	708	Tunitcha-Bangston association, 35 to 60 percent slopes	0.08	0.16	0.45	2.91	0.83	0
NM717	710	Akhoni-Klizhin fine sandy loams, 1 to 35 percent slopes	0.09	0.18	0.43	2.51	0.72	0
NM717	712	Sonsela-Washpass-Viewpoint complex, 20 to 70 percent slopes	0.11	0.21	0.47	2.03	0.6	0
NM717	W	Water	0.3	0.42	0.48	11.42	0.01	100
NV608	100	St. Thomas-Rock outcrop association	0.08	0.2	0.39	12.02	0.2	35
NV608	122	Zeheme-St. Thomas-Rock outcrop association	0.08	0.17	0.39	5.94	0.28	15
NV608	141	Elbowcanyon-Wechech association	0.06	0.16	0.39	7.19	0.42	0
NV608	160	Wechech-Weiser association	0.06	0.16	0.39	5.99	0.38	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV608	161	Wechech gravelly loam, 0 to 2 percent slopes	0.08	0.21	0.39	13.8	0.27	0
NV608	314	Weiser-Wechech association	0.06	0.15	0.39	4.31	0.42	0
NV608	316	Weiser-Wechech association, moist	0.07	0.17	0.39	7.23	0.34	0
NV608	Ad	Alluvial land	0.11	0.2	0.4	6.2	0.38	0
NV608	Ae	Anthony fine sandy loam	0.11	0.2	0.4	6.2	0.38	0
NV608	Af	Anthony fine sandy loam, gravelly substratum	0.11	0.2	0.4	6.2	0.38	0
NV608	Ah	Anthony fine sandy loam, watertable	0.11	0.2	0.39	6.78	0.34	0
NV608	AMC	Arada fine sand, 2 to 8 percent slopes	0.03	0.07	0.42	2.92	1.69	0
NV608	AOB	Arada fine sand, gravelly substratum, 0 to 4 percent slopes	0.03	0.06	0.42	2.66	1.82	0
NV608	ASC	Arada fine sand, hardpan variant, 2 to 8 percent slopes	0.02	0.05	0.42	2.68	2	0
NV608	ATA	Arizo fine sand, 0 to 2 percent slopes	0	0.03	0.43	0.1	2	0
NV608	AVB	Arizo gravelly fine sand, 2 to 4 percent slopes	0.01	0.04	0.43	0.04	2	0
NV608	AXC	Arizo very gravelly loamy sand, 2 to 8 percent slopes	0.01	0.04	0.43	0.05	1.96	0
NV608	AYD	Arrolime gravelly silt loam, 2 to 15 percent slopes	0.14	0.3	0.41	25.45	0.08	0
NV608	BD	Badland	0.11	0.24	0.39	8.19	0.19	0
NV608	BFD	Bard gravelly fine sand, 4 to 15 percent slopes	0	0.04	0.43	0.03	2	0
NV608	BHC	Bard gravelly fine sandy loam, 2 to 8 percent slopes	0.09	0.17	0.39	5.77	0.38	0
NV608	BLB	Blacknat-Arada association	0.02	0.06	0.42	0.18	1.84	0
NV608	BMD	Bard very gravelly fine sandy loam, 2 to 15 percent slopes	0.08	0.17	0.39	5.08	0.37	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV608	BNB	Bard very stony loam, 2 to 4 percent slopes	0.09	0.22	0.39	14.89	0.18	0
NV608	BOB	Bard-Rough broken land association, gently sloping	0.1	0.19	0.39	5.94	0.3	0
NV608	BP	Pits, borrow	0	0.04	0.43	0.12	2	0
NV608	BRB	Bard-Tonopah association, gently sloping	0.08	0.2	0.39	10.73	0.26	0
NV608	BSG	Boxspring-Seralin-Rock outcrop association	0.09	0.22	0.4	13.33	0.18	15
NV608	BTC	Bitter Spring-Arizo association, moderately sloping	0.09	0.17	0.4	3.66	0.41	0
NV608	Bu	Black Butte silt loam	0.14	0.33	0.43	33.48	0.08	0
NV608	Bv	Black Butte silt loam, watertable	0.14	0.33	0.43	33.48	0.08	0
NV608	Bw	Bluepoint loamy fine sand	0.03	0.1	0.4	1.45	1.41	0
NV608	By	Bluepoint fine sandy loam, strongly saline	0.05	0.14	0.4	4.56	0.89	0
NV608	BZF	Boxspring-Zeheme-Rock outcrop association	0.08	0.19	0.39	9.22	0.21	15
NV608	Ca	Calico fine sandy loam	0.06	0.15	0.39	5.45	0.75	0
NV608	CAC	Carrizo association	0.02	0.07	0.42	0.01	1.21	0
NV608	Cc	Calico fine sandy loam, drained	0.06	0.15	0.39	5.57	0.74	0
NV608	Cd	Calico fine sandy loam, strongly saline	0.06	0.15	0.39	5.45	0.75	0
NV608	CID	Crosgrain-Irongold association	0.08	0.2	0.39	12.39	0.22	0
NV608	Cm	Calico clay loam	0.19	0.32	0.43	17.5	0.06	0
NV608	Cn	Calico loamy fine sand, coarse variant, drained	0.04	0.09	0.4	0.51	1.44	0
NV608	Co	Calico loamy fine sand, coarse variant, strongly saline	0.05	0.1	0.41	0.55	1.34	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV608	CRD	Carrizo-Carrizo-Riverbend association	0.03	0.08	0.42	2.84	1.16	0
NV608	CTC	Colorock-Tonopah association, moderately sloping	0.1	0.21	0.4	9.69	0.18	0
NV608	CYB	Crystal Springs gravelly sandy loam, 2 to 4 percent slopes	0.07	0.17	0.39	6.49	0.46	0
NV608	Ea	Eastland gravelly sandy loam	0.05	0.12	0.39	3.68	0.79	0
NV608	FLC	Flattop gravelly clay loam, 2 to 8 percent slopes	0.19	0.32	0.43	16.63	0.06	0
NV608	Gd	Gila fine sand	0.02	0.06	0.43	2.68	2	0
NV608	Ge	Gila loam	0.13	0.26	0.41	14.57	0.2	0
NV608	Gf	Gila loam, strongly saline	0.09	0.22	0.39	14.89	0.27	0
NV608	GHF	Goldroad-Haleburu-Rock outcrop association	0.06	0.15	0.39	4.53	0.4	15
NV608	Gm	Gila loam, water table	0.1	0.23	0.41	13.62	0.31	0
NV608	Gn	Gila loam, water table, strongly saline	0.1	0.23	0.41	13.62	0.31	0
NV608	Go	Glendale fine sand	0.01	0.04	0.43	2.68	2	0
NV608	GP	Pits, gravel	0	0.04	0.43	0.12	2	0
NV608	Gr	Glendale loam	0.1	0.23	0.41	14.65	0.3	0
NV608	Gs	Glendale loam, strongly saline	0.1	0.23	0.41	14.65	0.3	0
NV608	Gv	Grapevine loam	0.08	0.2	0.39	13.78	0.38	0
NV608	HEE	Heleweiser association	0.06	0.15	0.39	5.28	0.41	0
NV608	HHD	Huevi-Hiller association	0.07	0.16	0.39	5.01	0.34	1
NV608	HUF	Huevi-Badland association	0.09	0.19	0.39	6.2	0.28	0
NV608	HYB	Hypoint-Bluepoint-Arizo association	0.04	0.12	0.4	3.23	0.88	0
NV608	Ir	Ireteba loam	0.1	0.23	0.41	13.62	0.32	0
NV608	It	Ireteba loam, overflow	0.1	0.23	0.41	13.62	0.32	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV608	IUC	Irongold-Wechech association	0.07	0.18	0.39	9.02	0.27	0
NV608	IWD	Irongold-Weiser association	0.07	0.19	0.39	10	0.24	0
NV608	La	Land loamy fine sand	0.03	0.1	0.42	0.83	1.71	0
NV608	Lc	Land silty clay loam	0.19	0.37	0.49	24.39	0.09	0
NV608	Ld	Land silty clay loam, wet	0.19	0.37	0.49	24.39	0.09	0
NV608	MAE	Moapa-Bluepoint-Rock outcrop association	0.01	0.06	0.42	2.21	1.82	20
NV608	MBG	Monger-Bard-Typic Torriorthents association	0.06	0.15	0.4	4.09	0.51	0
NV608	MMB	Mormon Mesa loamy fine sand, 0 to 4 percent slopes	0.07	0.17	0.39	6.49	0.54	0
NV608	MOB	Mormon Mesa fine sandy loam, 0 to 8 percent slopes	0.07	0.16	0.39	5.93	0.56	0
NV608	NBC	Naye-Bitter Spring association	0.09	0.18	0.39	5.69	0.41	0
NV608	NIC	Nickel-Bitter Spring association	0.08	0.18	0.39	7.66	0.32	0
NV608	Oc	Overton silty clay	0.29	0.43	0.52	13.72	0.04	0
NV608	Oe	Overton silty clay, slightly saline	0.29	0.43	0.53	12.25	0.05	0
NV608	On	Overton silty clay, strongly saline	0.29	0.43	0.53	12.25	0.05	0
NV608	Or	Overton clay, overwash, saline	0.3	0.42	0.5	13.51	0.02	0
NV608	Os	Overton silt loam, loamy variant, slightly saline	0.11	0.29	0.49	12.98	0.44	0
NV608	Ot	Overton silt loam, loamy variant, strongly saline	0.11	0.29	0.49	12.98	0.44	0
NV608	Ox	Oxyaquic Torriorthents-Toquop complex, 0 to 8 percent slopes	0.07	0.14	0.41	3.27	0.79	0
NV608	PL	Playas	0.23	0.39	0.47	25.75	0.03	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV608	PME	Pulsipher-Rock outcrop complex, 15 to 30 percent slopes	0.09	0.21	0.39	14.35	0.25	20
NV608	PPE	Pulsipher association, hilly	0.13	0.26	0.41	15.16	0.13	0
NV608	PRE	Pulsipher gravelly clay loam, fine variant, 15 to 30 percent slopes	0.21	0.35	0.44	16.65	0.04	0
NV608	RBG	Rock outcrop-Moapa-Bluepoint association	0.01	0.05	0.42	1.36	1.81	45
NV608	Re	Riverwash	0.02	0.07	0.45	2.68	1.99	0
NV608	RHF	Rock outcrop-Redneedle-Heleweiser association	0.05	0.13	0.39	4.24	0.53	35
NV608	Ri	Riverwash-Water complex, 0 to 2 percent slopes	0.03	0.07	0.45	2.74	1.83	30
NV608	RME	Rock land-Moapa association, hilly	0.07	0.15	0.41	1.05	0.54	0
NV608	RTF	Rock land-St. Thomas association, very steep	0.1	0.2	0.4	8.2	0.25	0
NV608	SAE	Sandpan-Rositas association	0.03	0.07	0.41	0.21	1.4	0
NV608	SEG	Seralin extremely gravelly loam, 30 to 75 percent slopes	0.09	0.21	0.39	13.68	0.17	4
NV608	SP	Spring silty clay loam	0.19	0.37	0.46	31.24	0.04	0
NV608	SQE	St. Thomas association	0.08	0.2	0.39	12.74	0.2	5
NV608	STE	St.Thomas-Rock outcrop-Zeheme assocation	0.06	0.14	0.39	4.24	0.45	20
NV608	STF	St. Thomas-Rock outcrop complex	0.07	0.17	0.39	7.63	0.3	20
NV608	SWC	Sweetspring-Carrizo association	0.09	0.2	0.4	11.34	0.18	0
NV608	TAC	Teebar-Sandpan association	0.06	0.13	0.4	2.45	0.58	0
NV608	Tb	Tobler fine sandy loam	0.09	0.17	0.4	4.85	0.55	0
NV608	Tc	Tobler fine sandy loam, strongly saline	0.09	0.17	0.4	4.85	0.55	0
NV608	Td	Tobler silt loam, wet	0.1	0.26	0.41	21.86	0.21	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV608	Te	Tobler clay, strongly saline	0.27	0.4	0.48	15.73	0.02	0
NV608	TGC	Tonopah-Arizo association	0.05	0.13	0.4	3.08	0.56	0
NV608	THB	Tonopah gravelly sandy loam, 0 to 4 percent slopes	0.06	0.14	0.39	4.41	0.61	0
NV608	TMD	Tonopah very gravelly sandy loam, 4 to 15 percent slopes	0.06	0.15	0.39	4.7	0.48	0
NV608	TnA	Toquop fine sand, 0 to 2 percent slopes	0.03	0.06	0.42	2.68	2	0
NV608	TnB	Toquop fine sand, 2 to 8 percent slopes	0.03	0.06	0.42	2.68	2	0
NV608	TqA	Toquop complex, 0 to 2 percent slope	0.09	0.17	0.43	6.49	0.46	0
NV608	TsA	Toquop fine sand, watertable, 0 to 2 percent slopes	0.03	0.07	0.41	0	1.9	0
NV608	TtA	Toquop fine sandy loam, 0 to 2 percent slopes	0.05	0.14	0.4	4.69	0.87	0
NV608	TuA	Toquop fine sandy loam, watertable, 0 to 2 percent slopes	0.05	0.14	0.39	5	0.87	0
NV608	TvA	Toquop silty clay loam, strongly saline, 0 to 2 percent slopes	0.17	0.32	0.44	20.8	0.07	0
NV608	Ty	Typic Torriorthents-Badland association	0.08	0.17	0.39	4.94	0.37	0
NV608	UNB	Underton extremely gravelly fine sandy loam, 2 to 8 percent slopes	0.09	0.19	0.39	7.31	0.22	0
NV608	UPE	Upperline very gravelly sandy loam, 8 to 30 percent slopes	0.05	0.13	0.39	4.52	0.51	0
NV608	USE	Upperline-St. Thomas-Upperline association	0.06	0.15	0.39	6.01	0.39	0
NV608	UWD	Upperline-Weiser-Whitebasin association	0.06	0.15	0.39	4.78	0.47	0
NV608	Vd	Vinton fine sandy loam	0.09	0.18	0.4	5.26	0.5	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV608	VFG	Virgin Peak-Rock outcrop association	0.09	0.23	0.44	9.11	0.3	15
NV608	Vg	Virgin River silty clay	0.29	0.42	0.53	10.43	0.06	0
NV608	Vn	Virgin River silty clay, strongly saline	0.29	0.43	0.54	10.13	0.06	0
NV608	Vr	Virgin River silty clay loam, wet variant	0.19	0.37	0.46	31.24	0.04	0
NV608	W	Water	0.3	0.42	0.48	11.42	0.01	100
NV608	WAC	Wechech association	0.06	0.15	0.39	5.64	0.42	0
NV608	WBE	Wechech very gravelly fine sandy loam, 8 to 30 percent slopes	0.06	0.17	0.39	8.84	0.34	0
NV608	WCE	Wechech-Ifteen association	0.02	0.08	0.41	0.54	1.81	0
NV608	WDC	Wechech-Weiser association	0.06	0.15	0.39	5.48	0.39	0
NV608	WEE	Weiser cobbly sandy loam, 15 to 30 percent slopes	0.07	0.16	0.39	5.46	0.44	0
NV608	WFC	Weiser-Arizo association	0.05	0.13	0.4	3.1	0.53	0
NV608	WGC	Weiser-Oldspan-Wechech association	0.07	0.17	0.39	7.74	0.34	0
NV608	WHE	Whitebasin-Upperline-Hardbasin association	0.05	0.14	0.39	4.77	0.65	0
NV608	ZAG	Zeheme-Rock outcrop association	0.07	0.16	0.39	4.73	0.34	20
NV713	1004	Armespan association	0.09	0.22	0.4	12.55	0.2	0
NV713	1010	Linco-Acana-Patter association	0.09	0.18	0.4	5.22	0.44	0
NV713	1025	Aned-Newvil-Decan association	0.1	0.21	0.44	4.02	0.48	0
NV713	1037	Badland	0.11	0.24	0.39	8.19	0.19	0
NV713	1038	Linco loamy fine sand, hummocky, 2 to 8 percent slopes	0.1	0.18	0.41	3.59	0.43	0
NV713	1039	Ursine association	0.1	0.18	0.41	4.24	0.4	0
NV713	1040	Chuckmill-Qwynn association	0.1	0.22	0.42	7.91	0.3	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV713	1051	Xeric Torriorthents-Acana-Holsine association	0.07	0.16	0.4	4.25	0.53	0
NV713	1064	Basket-Xeric Torriorthents-Decathon association	0.11	0.2	0.41	5.35	0.28	0
NV713	1090	Kyler-Eaglepass-Rock outcrop association	0.08	0.16	0.4	4.26	0.39	20
NV713	1091	Kyler-Eaglepass-Rock outcrop association, warm	0.08	0.2	0.4	11.07	0.25	20
NV713	1100	Linoyer-Heist association	0.09	0.17	0.4	3.08	0.59	0
NV713	1103	Fifteenmile-Sevenmile complex, 0 to 2 percent slopes	0.11	0.27	0.42	14.76	0.15	0
NV713	1107	Armespan-Fifteenmile association	0.09	0.23	0.41	14.58	0.17	0
NV713	1108	Baberwit-Holsine associaton	0.1	0.22	0.41	9.84	0.23	0
NV713	1113	Farepeak-Slockey-Schoolmarm association	0.14	0.27	0.48	5.31	0.32	9
NV713	1114	Slockey-Schoolmarm-Rock outcrop association	0.12	0.22	0.44	5.06	0.35	20
NV713	1116	Springmeadow sandy loam, drained, 0 to 2 percent slopes	0.13	0.22	0.43	4.37	0.43	0
NV713	1121	Fanu loam, 0 to 2 percent slopes	0.12	0.22	0.45	3.13	0.5	0
NV713	1134	Lojet-Chuckmill-Sevenmile association	0.09	0.2	0.42	5.92	0.44	0
NV713	1135	Springmeadow complex, 0 to 2 percent slopes	0.2	0.35	0.52	10.19	0.18	0
NV713	1138	Littleailie-Lien-Sevenmile association	0.09	0.18	0.41	4.61	0.49	0
NV713	1140	Minu-Lojet-Acana association	0.11	0.22	0.41	7.31	0.24	0
NV713	1142	Acana-Lojet association	0.07	0.15	0.4	4.01	0.63	0
NV713	1173	Cedaran-Rock outcrop complex, 2 to 15 percent slopes	0.13	0.26	0.44	10.88	0.22	35

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV713	1182	Decan-Acoma-Uana association	0.17	0.3	0.45	9.64	0.12	2
NV713	1184	Decan-Acoma-Uana association, moist	0.17	0.29	0.45	9.55	0.13	2
NV713	1186	Decan association	0.18	0.3	0.45	9.61	0.11	0
NV713	1201	Decan-Uana association	0.19	0.32	0.46	12.12	0.1	0
NV713	1234	Decathon-Basket association	0.13	0.23	0.42	6.43	0.19	0
NV713	1250	Patter-Heist association	0.09	0.2	0.4	8.52	0.4	0
NV713	1264	Chiefpan-Linco association	0.1	0.19	0.4	6.3	0.29	0
NV713	1266	Indicove association	0.13	0.23	0.4	7.72	0.13	0
NV713	1290	Ravendog-Fanu-Fifteenmile association	0.1	0.23	0.43	7.77	0.35	0
NV713	1291	Ravendog-Fanu-Fifteenmile association, cool	0.09	0.22	0.43	7.68	0.36	0
NV713	1301	Geer fine sandy loam, gravel substratum, 0 to 2 percent slopes	0.08	0.17	0.42	3.7	0.75	0
NV713	1302	Flatnosewash silt loam, 0 to 2 percent slopes	0.14	0.29	0.42	20.01	0.11	0
NV713	1311	Geer silt loam, 0 to 2 percent slopes	0.1	0.27	0.44	17.76	0.29	0
NV713	1331	Geer silt loams, 0 to 2 percent slopes	0.09	0.26	0.44	18.09	0.35	0
NV713	1361	Hamtah-Starflyer-Rock outcrop association	0.15	0.25	0.46	3.55	0.23	15
NV713	1362	Deerlodge-Fanu-Newvil association	0.13	0.24	0.44	7.02	0.27	0
NV713	1364	Bamos-Pass Canyon-Rock outcrop association	0.18	0.32	0.44	15.49	0.07	15
NV713	1372	Hamtah-Schoolmarm-Rock outcrop association	0.14	0.24	0.45	4.65	0.26	15
NV713	1374	Denpark-Hamtah-Rock outcrop association	0.14	0.27	0.46	7.15	0.23	15
NV713	1378	Oxvalley-Denpark-Hamtah assocation	0.13	0.26	0.46	7.51	0.3	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV713	1390	Heist gravelly ashy sandy loam, 0 to 4 percent slopes	0.09	0.17	0.41	3.01	0.58	0
NV713	1401	Heist gravelly ashy sandy loam, sand substratum, 0 to 8 percent slopes	0.09	0.16	0.4	2.8	0.59	0
NV713	1432	Pagecreek ashy sandy loam, 4 to 8 percent slopes	0.2	0.33	0.45	14.44	0.06	0
NV713	1442	Homestake association	0.13	0.22	0.44	3.69	0.31	0
NV713	1444	Homestake-Basket association	0.12	0.21	0.43	4.33	0.29	0
NV713	1460	Wakansapa-Turba-Cedaran association	0.17	0.29	0.45	8.52	0.11	8
NV713	1464	Wakansapa-Rock outcrop-Turba association	0.17	0.3	0.45	9.26	0.09	20
NV713	1472	Zoate-Rock outcrop-Anaud association	0.16	0.29	0.44	11.72	0.08	30
NV713	1492	Eaglepass-Rock outcrop complex, 15 to 70 percent slopes	0.08	0.21	0.39	14.21	0.19	25
NV713	1510	Ursine-Jarab-Pamsdel association	0.12	0.23	0.44	6.27	0.35	0
NV713	1514	Jarab-Blackcan association	0.14	0.25	0.45	6.63	0.29	0
NV713	1529	Linco-Acana association	0.09	0.17	0.4	4.19	0.47	0
NV713	1532	Harvan-Linco-Xeric Torriorthents association	0.1	0.18	0.4	4.26	0.37	0
NV713	1534	Minu-Acana-Xeric Torriorthents association	0.11	0.22	0.41	7.36	0.22	0
NV713	1539	Xeric Torriorthents-Linco association	0.08	0.16	0.4	3.83	0.55	0
NV713	1542	Linco-Xeric Torriorthents-Armespan association	0.09	0.18	0.4	4.82	0.42	0
NV713	1544	Xeric Torriorthents-Acana association	0.08	0.15	0.4	3.78	0.59	0
NV713	1549	Linco-Patter-Baberwit association	0.1	0.21	0.4	7.12	0.32	0
NV713	1581	Ursine-Holsine association	0.08	0.16	0.41	4.09	0.5	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV713	1620	Nevu gravelly ashy sandy loam, 4 to 15 percent slopes	0.11	0.2	0.43	4.08	0.41	0
NV713	1630	Pahranagat silt loam, drained, strongly saline, 0 to 2 percent slopes	0.15	0.36	0.56	11.78	0.45	0
NV713	1640	Pahranagat silt loam, strongly saline, 0 to 2 percent slopes	0.15	0.36	0.56	11.78	0.45	0
NV713	1650	Pahranagat silt loam, 0 to 2 percent slopes	0.14	0.35	0.55	12.05	0.44	0
NV713	1660	Pahranagat silt loam, drained, 0 to 2 percent slopes	0.15	0.36	0.56	11.78	0.45	0
NV713	1692	Fifteenmile association	0.11	0.32	0.42	36.3	0.06	0
NV713	1694	Fifteenmile-Heist-Patter association	0.1	0.26	0.41	14.51	0.14	0
NV713	1696	Medburn-Heist-Patter association	0.09	0.18	0.4	4.51	0.45	0
NV713	1698	Chuffa-Fifteenmile silt loams, 0 to 4 percent slopes	0.11	0.31	0.44	30.68	0.13	0
NV713	1704	Chiefrange-Checkett association	0.11	0.24	0.41	13.21	0.15	3
NV713	1706	Checkett extremely gravelly loam, 15 to 50 percent slopes	0.14	0.27	0.43	13.5	0.11	3
NV713	1736	Chubard-Rock outcrop-Richinde association	0.08	0.17	0.4	4.34	0.35	30
NV713	1745	Roval-Minu association	0.17	0.3	0.42	14.91	0.06	0
NV713	1770	Veet-Mosida association	0.09	0.19	0.42	6.46	0.48	0
NV713	1771	Veet-Heist association	0.08	0.16	0.4	4.24	0.47	0
NV713	1772	Heist-Veet-Holsine association	0.07	0.16	0.4	4.68	0.54	0
NV713	1773	Holsine-Veet-Heist association	0.05	0.14	0.4	4.13	0.63	0
NV713	1776	Veet association	0.07	0.15	0.4	3.99	0.47	0
NV713	1801	Seval-Roval association	0.15	0.25	0.44	5.18	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV713	1825	Acti-Cedaran-Turba association	0.21	0.33	0.48	8.91	0.08	4
NV713	1828	Cedaran-Wakansapa-Turba association	0.15	0.28	0.45	8.76	0.17	7
NV713	1829	Wakansapa-Cedaran association	0.17	0.3	0.45	12.75	0.09	8
NV713	1840	Slickens	0.04	0.26	0.37	48.16	0.13	0
NV713	1860	Satt-Swisbob association	0.1	0.19	0.45	2.39	0.58	0
NV713	1862	Homestake-Swisbob association	0.12	0.21	0.44	3.44	0.37	0
NV713	1886	Schoolmarm-Starflyer-Rock outcrop association	0.1	0.19	0.44	2.62	0.5	20
NV713	1898	Quazo-Motoqua very gravelly sandy loams, 30 to 70 percent slopes	0.15	0.25	0.41	8.1	0.12	10
NV713	1922	Quazo-Motoqua-Rock outcrop association	0.15	0.25	0.41	7.98	0.12	20
NV713	1924	Wakansapa-Rock outcrop association	0.18	0.3	0.44	11.96	0.06	40
NV713	1962	Eastmore-Holsine-Xeric Torriorthents association	0.09	0.18	0.41	4.23	0.43	0
NV713	1965	Eastmore-Armespan association	0.09	0.18	0.42	3.92	0.45	0
NV713	1972	Radol-Rock outcrop-Monarch association	0.13	0.25	0.44	7.99	0.17	20
NV713	1994	Rock outcrop-Gabbvally-Tejabe association	0.11	0.2	0.4	6.54	0.2	45
NV713	1998	Gabvally-Stewval-Rock outcrop association	0.13	0.23	0.4	8.64	0.12	15
NV713	2010	Stewval-Gabbvally association	0.14	0.26	0.42	12.32	0.09	3
NV713	2011	Stewval-Lomoine-Rock outcrop association	0.11	0.22	0.42	8.24	0.18	10
NV713	2042	Denpark-Notellumcreek-Rock outcrop association	0.13	0.26	0.46	8.96	0.25	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV713	2044	Nevtah-Denpark-Antennapeak association	0.12	0.25	0.46	8.09	0.34	0
NV713	2046	Antennapeak-Nevtah-Wiltop association	0.12	0.25	0.47	8.05	0.38	2
NV713	2048	Denpark-Greengrove association	0.1	0.22	0.44	5.77	0.39	0
NV713	2050	Denpark-Notellumcreek association	0.13	0.27	0.46	9.27	0.25	5
NV713	2052	Wiltop-Denpark association	0.14	0.28	0.47	8.95	0.23	3
NV713	2054	Notellumcreek-Rock outcrop association	0.17	0.3	0.44	12.42	0.08	35
NV713	2062	Winz gravely ashy loam, 30 to 50 percent slopes	0.1	0.22	0.41	12.14	0.26	1
NV713	2118	Lojet-Armespan-Xeric Torriorthents association	0.08	0.18	0.4	5.54	0.44	0
NV713	2121	Lojet-Acana-Linco association	0.08	0.16	0.4	4.17	0.57	0
NV713	2129	Stewval-Gabvally-Rock outcrop association	0.15	0.27	0.41	12.52	0.07	15
NV713	2130	Richinde-Rock outcrop association	0.09	0.17	0.41	4.3	0.35	15
NV713	2132	Chubard-Richinde-Zoate association	0.1	0.19	0.41	5.01	0.27	8
NV713	2278	Schoolmarm-Rock outcrop association	0.08	0.17	0.43	2.86	0.59	25
NV713	2296	Chubard association	0.09	0.17	0.4	4.26	0.32	5
NV713	2299	Chubard-Rock outcrop association	0.08	0.17	0.4	4.57	0.33	25
NV713	2322	Blackcan-Linco-Xeric Torriorthents association	0.1	0.18	0.4	4.6	0.35	0
NV713	2324	Blackcan association	0.11	0.19	0.4	5.17	0.27	0
NV713	3674	Kyler-Rock outcrop association	0.08	0.21	0.4	12.32	0.23	25
NV713	3870	Newvil-Chuckmill-Sevenmile association	0.1	0.2	0.43	4.56	0.48	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV713	3872	Newvil-Okayview association	0.08	0.18	0.44	3.05	0.64	0
NV713	3880	Nevu-Okayview-Sevenmile association	0.1	0.19	0.43	3.46	0.54	3
NV713	3888	Anaud-Starflyer association	0.12	0.25	0.45	7.26	0.22	0
NV713	3890	Anaud very gravelly ashy loam, 2 to 15 percent slopes	0.12	0.26	0.45	9.51	0.24	4
NV713	3892	Slockey-Hamtah-Schoolmarm association	0.15	0.25	0.45	5.67	0.23	0
NV713	3896	Hamtah-Slockey-Farepeak association	0.14	0.26	0.47	4.9	0.28	2
NV713	4020	Schoolmarm-Farepeak-Rock outcrop association	0.12	0.24	0.47	4.75	0.42	15
NV713	4024	Schoolmarm-Slockey association	0.11	0.21	0.43	4.29	0.41	5
NV713	4026	Schoolmarm-Hamtah-Rock outcrop association	0.13	0.23	0.44	4.28	0.31	15
NV713	4027	Slockey-Chubard-Anaud association	0.12	0.23	0.43	5.72	0.24	5
NV713	4029	Slockey-Hamtah-Schoolmarm, extremely gravelly association	0.15	0.26	0.45	5.9	0.22	3
NV713	4032	Slockey-Starflyer-Rock outcrop association	0.13	0.24	0.45	4.32	0.28	15
NV713	4036	Starflyer-Rock outcrop-Schoolmarm association	0.1	0.19	0.46	1.85	0.5	25
NV713	9999	Water	0.3	0.42	0.48	11.42	0.01	100
NV754	1000	Weiser-Tencee-Arizo association	0.07	0.15	0.39	4	0.39	0
NV754	1001	Weiser-Tencee association	0.08	0.17	0.39	5.45	0.3	0
NV754	1004	Armespan association	0.09	0.22	0.4	13.22	0.19	0
NV754	1010	Tencee-Weiser association	0.09	0.17	0.39	5.38	0.3	0
NV754	1016	Tencee association	0.09	0.17	0.39	5.44	0.26	0
NV754	1017	Tencee-Bard-Arizo association	0.08	0.16	0.39	4.64	0.32	0
NV754	1020	Kurstan-Tencee association	0.08	0.16	0.39	4.83	0.41	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV754	1021	Kurstan-Knob Hill association	0.06	0.14	0.39	2.86	0.63	0
NV754	1030	Arizo-Bluepoint association	0.02	0.09	0.41	1	1.21	0
NV754	1031	Arizo association	0.02	0.08	0.41	0.78	1.21	0
NV754	1040	Akela-Rock outcrop association	0.05	0.14	0.41	3.51	0.64	20
NV754	1041	Akela-Rochpah-Rock outcrop association	0.06	0.15	0.4	4.77	0.43	10
NV754	1052	Knob Hill-Arizo association	0.04	0.12	0.4	2.96	0.65	0
NV754	1060	St. Thomas-Chinkle-Rock outcrop association	0.08	0.18	0.39	8.78	0.29	20
NV754	1061	St. Thomas-Zeheme-Rock outcrop association	0.06	0.14	0.39	4.29	0.45	20
NV754	1062	Zeheme-Chinkle-Shankba association	0.08	0.2	0.39	11.95	0.27	0
NV754	1063	Zeheme-Kanesprings-Rock outcrop association	0.07	0.18	0.39	9.06	0.33	15
NV754	1064	Zeheme-Kanackey-Rock outcrop association	0.18	0.28	0.44	8.24	0.06	20
NV754	1065	Zeheme-Rock outcrop association	0.08	0.16	0.39	4.93	0.32	35
NV754	1066	Zeheme-Boxspring-Rock outcrop association	0.08	0.21	0.39	14.28	0.21	20
NV754	1070	Bellehelen-Brier association	0.11	0.22	0.44	5.43	0.33	0
NV754	1080	Kaspal-Canutio association	0.16	0.28	0.42	13.3	0.08	0
NV754	1090	Logring-Rock outcrop association	0.09	0.23	0.44	9.82	0.31	20
NV754	1091	Logring-Eaglepass-Rock outcrop complex	0.09	0.22	0.42	11.14	0.26	15
NV754	1100	Geta-Arizo association	0.05	0.12	0.4	3.87	0.91	0
NV754	1101	Geta gravelly sandy loam, 2 to 4 percent slopes	0.07	0.16	0.39	5.46	0.49	0
NV754	1102	Geta-Bluepoint-Arizo association	0.05	0.12	0.4	2.5	0.87	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV754	1110	Kanesprings-Kanackey-Rock outcrop association	0.14	0.24	0.43	7.02	0.12	15
NV754	1111	Nuhelen-Farepeak association	0.13	0.29	0.52	5.81	0.38	0
NV754	1113	Kanesprings-Gabbvally association	0.1	0.2	0.4	8.34	0.2	0
NV754	1133	Lojet-Qwynn-Littleailie association	0.07	0.15	0.41	3.63	0.76	0
NV754	1160	Silent-Koyen association	0.06	0.14	0.39	4.37	0.61	0
NV754	1170	Alko-Arizo association	0.08	0.15	0.39	3.63	0.49	0
NV754	1172	Alko-Geta assocation	0.05	0.12	0.4	1.71	0.89	0
NV754	1180	Acoma-Decan-Cath association	0.12	0.23	0.44	5.27	0.34	0
NV754	1182	Decan-Acoma-Uana association	0.17	0.3	0.45	10	0.12	0
NV754	1190	Minu-Shroe-Acoma association	0.1	0.21	0.44	5.21	0.44	0
NV754	1210	Brier-Acoma-Bellehelen association	0.13	0.26	0.46	7.57	0.25	0
NV754	1211	Brier-Rock outcrop association	0.11	0.21	0.47	2.02	0.45	30
NV754	1220	Lien-Devildog association	0.08	0.16	0.41	3.86	0.46	0
NV754	1230	Pahranagat association	0.18	0.38	0.56	10.43	0.33	0
NV754	1250	Patter-Heist association	0.09	0.2	0.42	8.25	0.49	0
NV754	1260	Hollace-Gabbvally association	0.16	0.29	0.42	16.5	0.06	0
NV754	1261	Hollace-Rochpah-Wyva association	0.14	0.26	0.42	11.09	0.1	0
NV754	1262	Hollace-Winklo-Wyva association	0.15	0.27	0.43	11.43	0.09	0
NV754	1266	Indicove association	0.13	0.23	0.4	7.83	0.12	0
NV754	1270	Laross-Rock outcrop association	0.11	0.26	0.49	7.02	0.48	20
NV754	1300	Mormount-Arizo association	0.06	0.14	0.4	3.91	0.63	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV754	1302	Mormount very gravelly sandy loam, 2 to 8 percent slopes	0.06	0.15	0.4	4.17	0.45	0
NV754	1303	Mormount-Canutio association	0.07	0.16	0.4	5.04	0.52	0
NV754	1340	Aymate-Canutio association	0.08	0.16	0.39	4.92	0.47	0
NV754	1341	Aymate sandy loam, 0 to 2 percent slopes	0.08	0.16	0.39	4.93	0.58	0
NV754	1342	Aymate-Mormount-Arizo association	0.07	0.15	0.4	3.86	0.56	0
NV754	1350	Bard gravelly fine sandy loam, 2 to 8 percent slopes	0.09	0.18	0.39	5.76	0.37	0
NV754	1360	Canutio-Arizo association	0.07	0.14	0.39	3.49	0.53	0
NV754	1370	Mormon Mesa association	0.07	0.17	0.39	6.49	0.51	0
NV754	1371	Mormon Mesa-Naye-Dalian association	0.07	0.16	0.39	6.2	0.4	0
NV754	1372	Mormon Mesa-Tonopah-Arada association	0.06	0.14	0.39	5.09	0.55	0
NV754	1380	Bracken gravelly fine sandy loam, 2 to 8 percent slopes	0.04	0.13	0.39	4.55	0.77	0
NV754	1390	Shankba-Chinkle-Kanackey association	0.12	0.23	0.41	9.02	0.15	0
NV754	1400	Cave-Canutio association	0.09	0.17	0.39	5.27	0.28	0
NV754	1401	Cave-Arizo association	0.08	0.15	0.39	3.87	0.34	0
NV754	1403	Cave-Tencee association	0.09	0.17	0.39	5.44	0.26	0
NV754	1404	Cave-Mormount-Canutio association	0.08	0.16	0.39	4.97	0.34	0
NV754	1405	Cave-Zeheme association	0.08	0.17	0.39	5.35	0.28	0
NV754	1406	Cave very gravelly sandy loam, 4 to 30 percent slopes	0.09	0.17	0.39	5.44	0.26	0
NV754	1420	Kanackey-Rock outcrop association	0.3	0.43	0.49	15	0.01	15
NV754	1430	Typic Torriorthents-Badland association	0.08	0.19	0.39	6.03	0.31	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV754	1460	Pintwater-Rochpah association	0.08	0.16	0.39	5.4	0.31	0
NV754	1470	Tybo-Keefa-Koyen association	0.07	0.16	0.39	5.94	0.48	0
NV754	1471	Tybo-Koyen association	0.07	0.15	0.39	4.43	0.53	0
NV754	1472	Tybo-Geer association	0.07	0.17	0.39	6.23	0.5	0
NV754	1473	Tybo-Leo association	0.07	0.15	0.39	4.33	0.5	0
NV754	1474	Tybo-Delamar association	0.07	0.16	0.39	5.66	0.52	0
NV754	1475	Treadwell-Veet association	0.09	0.17	0.41	4.34	0.43	0
NV754	1490	Keefa-Penoyer association	0.08	0.18	0.39	7.71	0.44	0
NV754	1491	Keefa, warm-Penoyer association	0.08	0.19	0.39	8.43	0.4	0
NV754	1510	Koyen gravelly sandy loam, 2 to 4 percent slopes	0.06	0.15	0.4	4.22	0.64	0
NV754	1512	Koyen-Penoyer association	0.08	0.22	0.4	13.26	0.26	0
NV754	1520	Geer-Penoyer association	0.07	0.19	0.4	7.87	0.43	0
NV754	1529	Linco-Acana association	0.09	0.17	0.4	4.27	0.46	0
NV754	1530	Delamar-Leo association	0.06	0.14	0.4	3.84	0.71	0
NV754	1531	Delamar-Veet association	0.06	0.14	0.41	3.62	0.69	0
NV754	1533	Delamar-Tybo-Koyen association	0.06	0.15	0.4	4.34	0.72	0
NV754	1534	Delamar-Koyen association	0.05	0.14	0.4	3.63	0.74	0
NV754	1535	Delamar gravelly sandy loam, 2 to 8 percent slopes	0.05	0.14	0.41	3.51	0.76	0
NV754	1539	Xeric Torriorthents-Linco association	0.08	0.16	0.4	3.67	0.56	0
NV754	1541	Oleman-Cave association	0.15	0.27	0.42	11.45	0.08	0
NV754	1542	Oleman gravelly sandy loam, 4 to 15 percent slopes	0.18	0.32	0.43	17.17	0.04	0
NV754	1550	Pahroc-Leo association	0.08	0.17	0.39	6.84	0.3	0
NV754	1551	Pahroc very gravelly very fine sandy loam, 4 to 15 percent slopes	0.08	0.17	0.39	6.34	0.27	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV754	1570	Kyler-Eaglepass-Rock outcrop association	0.08	0.21	0.4	13.01	0.21	20
NV754	1571	Kyler-Logring-Rock outcrop association	0.08	0.22	0.42	11.28	0.28	20
NV754	1590	Winklo-Wyva assocation	0.16	0.3	0.43	14.84	0.08	0
NV754	1591	Winklo-Rochpah-Rock outcrop association	0.08	0.17	0.4	4.49	0.38	15
NV754	1650	Handpah-Veet association	0.16	0.26	0.41	7.96	0.11	0
NV754	1660	Dewrust-Veet association	0.08	0.17	0.42	3.46	0.47	0
NV754	1680	Rochpah-Hollace-Gabbvally association	0.11	0.22	0.41	8.85	0.16	0
NV754	1681	Rochpah-Veet association	0.07	0.16	0.39	5.21	0.36	0
NV754	1683	Rochpah-Rock outcrop-Leo association	0.07	0.15	0.39	5.18	0.36	30
NV754	1690	Jolan-Geer association	0.09	0.18	0.39	6.77	0.48	0
NV754	1700	Sierocliff-Veet association	0.07	0.16	0.42	3.38	0.63	0
NV754	1704	Chiefrange-Checkett association	0.11	0.24	0.41	13.74	0.14	0
NV754	1710	Cliffdown gravelly sandy loam, 4 to 8 percent slopes	0.07	0.15	0.39	4.52	0.55	0
NV754	1730	Cath-Veet association	0.08	0.18	0.42	4.08	0.67	0
NV754	1734	Qwynn-Devildog association	0.07	0.15	0.41	3.56	0.69	0
NV754	1741	Slaw silt loam, 0 to 2 percent slopes	0.09	0.29	0.42	35.62	0.14	0
NV754	1750	Chanybuck-Brier-Rock outcrop	0.11	0.21	0.47	2.02	0.45	15
NV754	1761	Wyva-Rock outcrop association	0.19	0.33	0.45	15.03	0.05	20
NV754	1762	Wyva-Slidymtn association	0.15	0.26	0.43	7.9	0.13	0
NV754	1770	Veet-Mosida association	0.09	0.2	0.43	5.98	0.43	0
NV754	1776	Veet association	0.07	0.15	0.4	4.11	0.43	0
NV754	1810	Boxspring-Rock outcrop association	0.09	0.21	0.39	14.35	0.16	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV754	1811	Boxspring-Theriot-Rock outcrop association	0.08	0.21	0.39	13.9	0.19	15
NV754	1821	Turba-Acti association	0.16	0.27	0.49	2	0.24	0
NV754	1825	Acti-Cedaran-Turba association	0.21	0.34	0.48	8.81	0.08	0
NV754	1828	Cedaran-Wakansapa-Turba association	0.15	0.28	0.45	8.95	0.17	0
NV754	1829	Wakansapa-Cedaran association	0.17	0.31	0.44	13.77	0.08	0
NV754	1830	Zaqua-Winklo association	0.08	0.17	0.42	3.54	0.44	0
NV754	1831	Zaqua-Boxspring association	0.08	0.18	0.41	4.69	0.36	0
NV754	1832	Zaqua-Winklo-Kanesprings association	0.08	0.16	0.41	3.78	0.44	0
NV754	1833	Zaqua-Rock outcrop association	0.08	0.17	0.42	3.32	0.46	30
NV754	1850	Rapado-Oleman association	0.12	0.23	0.42	6.87	0.17	0
NV754	1851	Rapado-Veet association	0.08	0.18	0.42	4.85	0.38	0
NV754	1870	Faleria-Laross association	0.11	0.26	0.51	4.49	0.68	0
NV754	1880	Tejabe-Pintwater-Rock outcrop association	0.08	0.17	0.39	5.11	0.3	15
NV754	1881	Richinde-Pintwater-Rock outcrop association	0.08	0.16	0.4	3.96	0.4	15
NV754	1885	Richinde-Chubard-Richinde, very stony association	0.08	0.16	0.4	3.89	0.39	0
NV754	1890	Welring-Rock outcrop association	0.09	0.22	0.41	13.1	0.23	20
NV754	1898	Quazo-Motoqua very gravelly sandy loams, 30 to 70 percent slopes	0.15	0.25	0.41	8.21	0.11	0
NV754	1900	Glendale-Bluepoint association	0.08	0.2	0.41	8.76	0.42	0
NV754	1910	Land silt loam, 0 to 2 percent slopes	0.14	0.33	0.46	28.63	0.13	0
NV754	1920	Motoqua-Rock outcrop association	0.17	0.28	0.42	9.14	0.07	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV754	1921	Motoqua-Thunderbird association	0.15	0.27	0.42	10.34	0.11	0
NV754	1940	Chubard, stony-Rock outcrop association	0.09	0.17	0.4	4.7	0.3	20
NV754	1941	Slidymtn-Capsus association	0.17	0.28	0.45	6.52	0.11	0
NV754	1942	Richinde-Chubard association	0.08	0.16	0.4	3.88	0.36	0
NV754	1950	Ursine-Lomoine association	0.11	0.23	0.42	9.7	0.24	0
NV754	1951	Ursine association	0.12	0.25	0.43	12.33	0.18	0
NV754	1955	Treadwell-Chuckridge-Handpah association	0.13	0.23	0.41	7.3	0.19	0
NV754	1960	Crystal Springs gravelly sandy loam, 2 to 8 percent slopes	0.07	0.16	0.39	5.46	0.52	0
NV754	1980	Longjim-Arizo association	0.08	0.2	0.4	8.84	0.3	0
NV754	1990	Gabbvally-Rock outcrop association	0.13	0.23	0.4	7.88	0.12	15
NV754	1991	Gabbvally-Hollace association	0.15	0.25	0.41	9.96	0.09	0
NV754	1992	Gabbvally-Brier-Rock outcrop association	0.14	0.25	0.43	8.11	0.15	15
NV754	1993	Richinde-Rock outcrop association	0.08	0.16	0.41	3.89	0.42	15
NV754	1994	Rock outcrop-Gabbvally-Tejabe association	0.11	0.2	0.39	6.3	0.21	45
NV754	1998	Gabvally-Stewval-Rock outcrop association	0.14	0.25	0.4	9.59	0.1	15
NV754	2000	Playas	0.23	0.38	0.46	21.75	0.03	0
NV754	2010	Stewval-Gabbvally association	0.15	0.27	0.41	12.69	0.08	0
NV754	2011	Stewval-Lomoine-Rock outcrop association	0.13	0.24	0.41	10.42	0.12	10
NV754	2123	Littleailie-Lojet association	0.06	0.15	0.41	3.45	0.84	0
NV754	2129	Stewval-Gabvally-Rock outcrop association	0.15	0.27	0.41	12.26	0.08	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV754	2290	Richinde-Chubard-Rock outcrop association	0.08	0.16	0.4	3.89	0.37	20
NV754	2292	Chubard-Richinde association	0.08	0.16	0.4	3.88	0.36	0
NV754	2297	Chubard-Richinde-Rock outcrop association, steep	0.08	0.16	0.4	3.88	0.35	15
NV754	2298	Chubard-Richinde association, steep	0.08	0.16	0.4	3.88	0.35	0
NV754	2320	Blackcan association	0.11	0.19	0.4	5.11	0.27	0
NV754	3192	Saltydog-Ambush-Panacker association	0.11	0.21	0.41	6.61	0.36	0
NV754	3193	Ewelac-Playas association	0.19	0.34	0.45	23.52	0.06	0
NV754	3194	Ambush-Panacker-Playas association	0.1	0.19	0.41	4.65	0.44	0
NV754	3673	Kyler, very stony-Rock outcrop-Kyler association	0.08	0.17	0.4	5.2	0.43	25
NV755	100	Newera association	0.15	0.24	0.4	7.75	0.09	3
NV755	101	Glencarb very fine sandy loam, saline	0.1	0.19	0.4	7.22	0.46	0
NV755	105	Galehills extremely gravelly fine sandy loam, 15 to 50 percent slopes	0.05	0.13	0.39	4.13	0.47	3
NV755	106	Galehills-Zeheme association	0.06	0.14	0.39	4.01	0.44	5
NV755	107	Galehills-Calwash association	0.09	0.2	0.4	7.71	0.21	0
NV755	110	Tenwell-Crosgrain association	0.07	0.18	0.39	7.33	0.34	0
NV755	111	Tenwell-Shamock association	0.06	0.14	0.39	4.7	0.62	0
NV755	112	Arizo very gravelly loamy sand, flooded, 0 to 4 percent slopes	0.03	0.09	0.4	1.34	0.91	0
NV755	113	Arizo very gravelly fine sandy loam, gypsiferous substratum, 2 to 8 percent slopes	0.06	0.14	0.39	4.32	0.49	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	115	Whitebasin-Upperline-Hardbasin association	0.05	0.14	0.39	4.77	0.65	0
NV755	120	Crosgrain-Tenwell association	0.08	0.19	0.39	8.72	0.26	0
NV755	121	Sweetspring-Carrizo association	0.09	0.2	0.4	11.34	0.18	0
NV755	125	Bobzbulz-Snapcan association	0.1	0.2	0.39	7.97	0.17	0
NV755	134	Newera-Nipton association	0.13	0.22	0.39	6.92	0.13	2
NV755	135	Nippeno-Mountmcull-Newera association	0.14	0.23	0.4	7.19	0.12	3
NV755	140	Haleburu extremely gravelly sandy loam, 4 to 15 percent slopes	0.07	0.15	0.39	4.66	0.35	6
NV755	141	Nipton-Haleburu-Rock outcrop association	0.07	0.15	0.39	4.89	0.37	20
NV755	143	Haleburu association	0.08	0.16	0.39	4.84	0.31	2
NV755	144	Haleburu, extremely cobbly-Hiddensun association	0.08	0.17	0.41	3.88	0.4	4
NV755	146	Haleburu-Nipton association	0.07	0.16	0.39	4.95	0.33	0
NV755	147	Haleburu-Nipton association, dry	0.07	0.15	0.39	4.6	0.35	0
NV755	148	Haleburu-Seanna association	0.07	0.15	0.39	4.63	0.37	0
NV755	150	Hypoint gravelly sandy loam, 0 to 4 percent slopes	0.04	0.11	0.4	3.28	0.98	0
NV755	151	Bluepoint-Arizo association	0.03	0.1	0.4	1.55	1.14	0
NV755	155	Bitterridge-Helkitchen association	0.11	0.23	0.4	11.75	0.12	0
NV755	160	Lanip-Kidwell association	0.08	0.19	0.39	9.87	0.32	0
NV755	165	Upperline-Weiser-Whitebasin association	0.06	0.15	0.39	4.78	0.47	0
NV755	167	Upperline-St. Thomas-Upperline association	0.06	0.15	0.39	6.01	0.39	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	168	Upperline very gravelly sandy loam, 8 to 30 percent slopes	0.05	0.13	0.39	4.52	0.51	0
NV755	170	Tenwell-Lanip association	0.07	0.17	0.39	7.69	0.44	0
NV755	175	St. Thomas-Rock outcrop complex	0.07	0.17	0.39	7.63	0.3	20
NV755	176	St. Thomas association	0.08	0.2	0.39	12.74	0.2	5
NV755	177	St. Thomas-Upperline-Whitebasin complex	0.06	0.16	0.39	6.9	0.39	0
NV755	178	St. Thomas-Iceberg-Rock outcrop association	0.07	0.17	0.39	7.7	0.3	25
NV755	180	Kidwell-Tenwell association	0.06	0.13	0.41	5.3	0.54	0
NV755	185	Lastchance-Commski association	0.08	0.19	0.39	11.55	0.22	0
NV755	186	Lastchance-Ferrogold-Commski association	0.09	0.2	0.4	9.95	0.21	0
NV755	190	Filaree-Lanip-Nickel association	0.07	0.16	0.39	6.24	0.4	0
NV755	191	Bluepoint-Grapevine association	0.03	0.1	0.4	1.38	1.45	0
NV755	192	Bluepoint association	0.03	0.1	0.4	1.42	1.51	0
NV755	195	Cruzspring-Schader-Rock outcrop association	0.09	0.2	0.4	8.49	0.25	15
NV755	200	Commski-Weiser-Threelakes association	0.07	0.17	0.4	5.27	0.32	0
NV755	201	Commski extremely gravely loam, 8 to 30 percent slopes	0.09	0.21	0.39	13.98	0.16	0
NV755	202	Commski-Lastchance association	0.08	0.17	0.39	6.34	0.3	0
NV755	203	Commski-Oldspan-Lastchance association	0.07	0.16	0.39	5.89	0.34	0
NV755	205	Callville-Badland-Guardian association	0.08	0.17	0.39	4.88	0.44	0
NV755	207	Callville association	0.07	0.15	0.39	4.39	0.54	0
NV755	210	Nickel-Arizo association	0.05	0.12	0.4	2.91	0.71	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	211	Nickel-Crosgrain association	0.06	0.14	0.4	3.99	0.46	0
NV755	220	Haymont-Bluepoint association	0.07	0.22	0.4	2.87	0.28	0
NV755	221	Haymont association	0.08	0.27	0.4	30.85	0.13	0
NV755	225	Baseline-Callville-Badland association	0.06	0.16	0.39	5.15	0.4	0
NV755	226	Baseline extremely gravelly fine sandy loam, 2 to 8 percent slopes	0.06	0.15	0.39	5.45	0.39	0
NV755	227	Baseline-Gypwash association	0.06	0.15	0.39	5.53	0.4	0
NV755	228	Baseline-Guardian association	0.06	0.15	0.39	4.91	0.48	0
NV755	230	Wechech-Weiser association	0.06	0.15	0.39	5.48	0.39	0
NV755	231	Wechech very gravelly fine sandy loam, 2 to 8 percent slopes	0.06	0.14	0.39	4.69	0.46	0
NV755	232	Wechech-Upperline association	0.06	0.14	0.39	4.65	0.47	0
NV755	233	Wechech-Ifteen association	0.02	0.08	0.41	0.54	1.81	0
NV755	234	Wechech very gravelly fine sandy loam, 8 to 30 percent slopes	0.06	0.17	0.39	8.84	0.34	0
NV755	235	Gypwash-Callville-Carrizo association	0.06	0.14	0.4	5.03	0.47	0
NV755	237	Wechech association	0.06	0.15	0.39	5.64	0.42	0
NV755	240	Crosgrain-Irongold-Nickel association	0.08	0.2	0.39	11.2	0.21	0
NV755	241	Crosgrain-Typic Torriorthents-Nickel association	0.08	0.17	0.39	7.5	0.29	4
NV755	250	Mormon Mesa-Naye association	0.06	0.14	0.39	4.4	0.51	0
NV755	255	Tumarion-Nipton association	0.08	0.19	0.39	8.53	0.23	10
NV755	260	Naye-Bitter Spring association	0.09	0.18	0.39	5.69	0.41	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	261	Vace-Jean association	0.05	0.15	0.4	3.52	0.71	0
NV755	265	Azureridge very gravelly sandy loam, 15 to 50 percent slopes	0.06	0.14	0.39	3.82	0.46	0
NV755	270	Bard-Nickel-Limewash association	0.06	0.14	0.39	4.32	0.62	8
NV755	271	Moapa-Bluepoint association	0.02	0.07	0.42	2.3	1.55	5
NV755	272	Moapa-Bluepoint-Rock outcrop association	0.01	0.06	0.42	2.21	1.82	20
NV755	285	Heleweiser-Carrizo-Teebar association	0.06	0.14	0.39	4.54	0.43	0
NV755	286	Heleweiser-Carrizo association	0.05	0.13	0.4	4.65	0.54	0
NV755	287	Heleweiser association	0.06	0.15	0.39	5.28	0.41	0
NV755	288	Heleweiser-Teebar association	0.05	0.14	0.39	4.29	0.46	0
NV755	289	Heleweiser-Upperline-Nickel association	0.06	0.14	0.39	4.62	0.49	1
NV755	290	Rock outcrop-Moapa-Bluepoint association	0.01	0.05	0.42	1.36	1.81	45
NV755	291	Rock outcrop-Highland association	0.08	0.2	0.39	10.59	0.21	50
NV755	292	Rock outcrop-Nupper association	0.06	0.13	0.4	1.93	0.49	65
NV755	294	Rock outcrop, sandstone	0.06	0.15	0.4	3.48	0.36	90
NV755	298	Rock outcrop-Redneedle-Heleweiser association	0.05	0.13	0.39	4.24	0.53	35
NV755	310	Weiser-Arizo association	0.05	0.13	0.4	3.1	0.53	0
NV755	311	Weiser-Threelakes association	0.06	0.14	0.39	4.23	0.41	0
NV755	313	Weiser-Oldspan-Wechech association	0.07	0.17	0.39	7.74	0.34	0
NV755	314	Weiser-Wechech association	0.06	0.15	0.39	4.31	0.42	0
NV755	315	Weiser Association	0.09	0.19	0.39	7.82	0.28	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	320	Boxspring-Zeheme-Rock outcrop association	0.08	0.19	0.39	9.22	0.21	15
NV755	321	Boxspring-Seralin-Rock outcrop association	0.09	0.22	0.4	13.33	0.18	15
NV755	322	Boxspring-Potosi-Rock outcrop association	0.08	0.21	0.39	12.87	0.18	10
NV755	323	Boxspring-Scrapy-Rock outcrop association	0.08	0.19	0.4	8.82	0.26	15
NV755	325	Sandpan-Rositas association	0.03	0.07	0.41	0.21	1.4	0
NV755	330	Ramshead-St. Thomas-Rock outcrop association	0.08	0.2	0.39	11.99	0.21	15
NV755	335	Teebar very cobbly fine sandy loam, 0 to 4 percent slopes	0.06	0.14	0.39	4.37	0.4	7
NV755	336	Teebar-Sandpan association	0.06	0.13	0.4	2.45	0.58	0
NV755	340	Zeheme-Rock outcrop association	0.07	0.16	0.39	4.73	0.34	20
NV755	341	Zeheme extremely gravelly fine sandy loam, 8 to 30 percent slopes	0.08	0.16	0.39	4.52	0.33	4
NV755	342	Zeheme-Potosi-Rock outcrop association	0.08	0.17	0.39	6.16	0.28	15
NV755	343	Zeheme-Rock outcrop-Boxspring association	0.08	0.16	0.39	5.18	0.3	20
NV755	351	Seralin extremely gravelly loam, 30 to 75 percent slopes	0.09	0.21	0.39	13.68	0.17	4
NV755	352	Seralin-Traley-Rock outcrop association	0.09	0.22	0.41	11.41	0.21	15
NV755	355	Seralin-Devilsthumb-Ednagrey association	0.09	0.22	0.4	12.54	0.19	3
NV755	360	Bracken-Arizo-Badland association	0.06	0.15	0.39	4.93	0.45	0
NV755	365	Callville-Gypwash-Badland association	0.08	0.17	0.39	5.52	0.31	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	375	Iceberg-Rock outcrop-Helkitchen association	0.08	0.19	0.39	10.84	0.23	25
NV755	376	Iceberg-St. Thomas-Rock outcrop association	0.07	0.18	0.39	8.81	0.26	20
NV755	380	Tonopah-Arizo association	0.05	0.13	0.4	3.08	0.56	0
NV755	390	Tipnat-Hypoint-Grapevine association	0.05	0.11	0.4	1.5	1.05	0
NV755	391	Tipnat-Bluepoint-Hypoint association	0.04	0.1	0.41	0.84	1.3	0
NV755	400	Arizo-Cafetal association	0.07	0.17	0.39	6.52	0.31	0
NV755	405	Oxyaquic Torrifluvents-Gypwash association	0.08	0.16	0.4	5.31	0.55	8
NV755	411	Bludiamond-Diamondhil association	0.11	0.19	0.4	5.13	0.25	0
NV755	415	Valatier-Goldbutte association	0.1	0.22	0.39	13.05	0.16	2
NV755	421	Moentria extremely gravelly loam, 15 to 50 percent slopes	0.08	0.21	0.39	13.66	0.18	5
NV755	422	Moentria-Purob Association	0.08	0.2	0.4	12.81	0.21	2
NV755	430	Bluepoint-Tipnat-Grapevine association	0.04	0.1	0.4	1.21	1.21	0
NV755	431	Hypoint-Vegastorm association	0.03	0.1	0.4	1.85	1.18	0
NV755	441	Corbilt gravelly loamy fine sand, 0 to 4 percent slopes	0.03	0.1	0.4	1.58	1.14	0
NV755	450	Arizo association	0.04	0.11	0.4	1.81	0.75	0
NV755	451	Arizo-Peskah-Crosgrain association	0.07	0.16	0.39	5.7	0.33	0
NV755	454	Arizo-Riverwash association	0.04	0.11	0.41	3.63	0.78	0
NV755	455	Arizo-Tenwell association	0.06	0.15	0.39	5.43	0.38	0
NV755	460	Pahrump-Wodavar-Vegastorm association	0.07	0.16	0.39	6.13	0.43	0
NV755	461	Pahrump-Bluepoint association	0.06	0.18	0.39	6.26	0.41	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	470	Filaree-Seanna association	0.06	0.14	0.39	4.35	0.45	0
NV755	475	Guardian-Sunrock-Badland association	0.07	0.16	0.39	5.02	0.48	1
NV755	477	Guardian-Baseline-Guardian association	0.06	0.15	0.39	4.9	0.58	0
NV755	478	Guardian-Baseline association	0.06	0.15	0.39	5.33	0.52	0
NV755	480	Vace-Arizo association	0.06	0.16	0.39	6.59	0.41	0
NV755	481	Vace-Wechech association	0.07	0.19	0.39	10.76	0.34	0
NV755	490	Ifteen extremely gravelly very fine sandy loam, 2 to 8 percent slopes	0.06	0.15	0.39	5.59	0.41	0
NV755	500	Playas	0.19	0.33	0.44	17.42	0.06	0
NV755	501	Dams, concrete	0.3	0.42	0.48	11.42	0.01	0
NV755	504	Pits, quarry	0	0.04	0.43	0.12	2	0
NV755	505	Pits, gravel	0	0.03	0.43	0.13	2	0
NV755	506	Pits-Dumps assocation	0.15	0.23	0.45	1.17	0.14	0
NV755	508	Landfill	0.3	0.42	0.48	11.42	0.01	0
NV755	510	Railroad association	0.06	0.14	0.39	4.46	0.44	0
NV755	520	Nolena-Rock outcrop association	0.09	0.17	0.39	5.25	0.27	35
NV755	521	Nolena-Nipton association	0.08	0.16	0.39	5.01	0.33	3
NV755	522	Nolena-Meadview association	0.07	0.15	0.39	5.6	0.36	1
NV755	523	Nolena association	0.07	0.16	0.39	4.79	0.35	0
NV755	530	Seanna-Botleg association	0.11	0.2	0.4	6.19	0.18	7
NV755	531	Seanna-Rock outcrop association	0.08	0.16	0.39	4.87	0.34	25
NV755	532	Seanna-Goldroad-Rock outcrop association	0.08	0.16	0.39	4.54	0.36	15
NV755	535	Blackmesa-Sunrock association	0.05	0.14	0.39	5.16	0.56	3
NV755	540	Sunrock-Rock outcrop association	0.06	0.15	0.39	5.17	0.4	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	541	Sunrock-Haleburu-Rock outcrop association	0.07	0.15	0.39	4.94	0.38	20
NV755	542	Sunrock-Callville-Badland association	0.06	0.15	0.39	4.59	0.44	1
NV755	550	Cheme-Riverbend-Carrizo association	0.07	0.17	0.4	8.48	0.3	0
NV755	551	Cheme-Carrizo-Huevi association	0.06	0.15	0.4	4.7	0.42	0
NV755	552	Cheme-Huevi association	0.07	0.18	0.39	8	0.29	1
NV755	560	Rositas-Riverbend association	0.01	0.05	0.43	0.06	1.76	5
NV755	565	Govwash-Guardian-Badland association	0.1	0.19	0.39	6.27	0.33	0
NV755	570	Carrizo association	0.02	0.07	0.42	0.01	1.21	0
NV755	571	Carrizo-Carrizo-Riverbend association	0.03	0.08	0.42	2.84	1.16	0
NV755	572	Carrizo very cobbly coarse sand, 2 to 8 percent slopes	0.02	0.06	0.42	3.3	1.28	0
NV755	573	Carrizo-Riverbend association	0.04	0.1	0.41	0.15	0.75	0
NV755	574	Carrizo-Sunrock association	0.04	0.1	0.41	0.03	0.76	0
NV755	575	Carrizo complex, 1 to 5 percent slopes	0.02	0.09	0.41	0.96	1.03	0
NV755	581	Threelakes-Weiser association	0.06	0.14	0.39	4.04	0.43	0
NV755	590	Riverbend-Carrizo association	0.04	0.1	0.41	3.68	0.77	0
NV755	591	Riverbend-Carrwash association	0.04	0.12	0.4	3.72	0.63	0
NV755	592	Riverbend-Carrizo, frequently flooded association	0.05	0.13	0.41	4.18	0.55	0
NV755	593	Riverbend-Cheme-Carrizo association	0.05	0.14	0.4	1.31	0.44	0
NV755	600	Huevi-Cheme association	0.08	0.17	0.39	6.22	0.29	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	601	Huevi association	0.07	0.15	0.39	4.83	0.36	0
NV755	603	Huevi extremely gravelly sandy loam, 8 to 30 percent slopes	0.07	0.16	0.39	5.01	0.34	1
NV755	604	Huevi-Hiller association	0.07	0.16	0.4	3.65	0.4	1
NV755	605	Huevi-Badland association	0.09	0.19	0.39	6.2	0.28	0
NV755	606	Huevi-Huevi-Cheme association	0.07	0.16	0.39	5.75	0.36	2
NV755	610	Goldroad-Rock outcrop association	0.06	0.15	0.39	4.58	0.41	25
NV755	612	Goldroad-Seanna-Rock outcrop association	0.07	0.15	0.39	4.63	0.38	15
NV755	613	Goldroad-Haleburu-Rock outcrop association	0.06	0.15	0.39	4.53	0.4	15
NV755	620	Arizo-Lanip association	0.06	0.16	0.39	5.63	0.43	0
NV755	621	Orwash gravelly loamy coarse sand, 2 to 4 percent slopes	0.04	0.1	0.4	1.02	1.03	0
NV755	622	Orwash-Arizo-Lanip association	0.05	0.15	0.4	6.01	0.53	0
NV755	630	Tenwell very gravelly sandy loam, 2 to 4 percent slopes	0.06	0.14	0.39	4.9	0.44	0
NV755	635	Aguachiquita-Azureridge association	0.06	0.15	0.39	4.69	0.5	0
NV755	640	Cetrepas-Nolena-Rock outcrop association	0.08	0.16	0.4	4.65	0.35	15
NV755	645	Goldbutte-Nolena association	0.07	0.16	0.4	4.24	0.37	2
NV755	646	Goldbutte-Jumbopeak-Rock outcrop association	0.06	0.14	0.41	3.25	0.52	20
NV755	650	Peskah-Crosgrain association	0.08	0.18	0.39	6.9	0.26	0
NV755	651	Peskah-Arizo association	0.07	0.15	0.39	4.12	0.39	0
NV755	660	Crosgrain extremely gravelly loam, 4 to 15 percent slopes	0.09	0.22	0.39	14.03	0.16	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	661	Crosgrain very stony loam, 8 to 30 percent slopes	0.08	0.2	0.39	13.26	0.2	0
NV755	662	Crosgrain-Arizo association	0.08	0.19	0.39	9.32	0.22	0
NV755	663	Crosgrain-Kidwell-Arizo association	0.07	0.17	0.39	6.3	0.3	0
NV755	665	Crosgrain-Vace association	0.09	0.21	0.39	12.79	0.22	0
NV755	670	Nipton-Highland-Rock outcrop association	0.08	0.17	0.39	6.69	0.3	15
NV755	673	Nolena-Newera association	0.11	0.2	0.39	6.45	0.17	3
NV755	674	Nipton-Rubble land-Railroad association	0.08	0.17	0.39	5.43	0.32	2
NV755	680	Lanfair-Hoppswell association	0.08	0.17	0.4	5.35	0.32	0
NV755	690	Hoppswell-Ustidur association	0.12	0.21	0.4	7.01	0.16	0
NV755	691	Hoppswell-Jetmine association	0.11	0.21	0.4	8.41	0.2	0
NV755	700	Mountmcull-Nippeno association	0.12	0.21	0.4	6.23	0.16	4
NV755	701	Nippeno-Nipton association	0.13	0.22	0.4	7	0.13	4
NV755	705	Charkiln-Woodspring-Buckspring association	0.08	0.19	0.45	2.51	0.53	0
NV755	710	Arizo-Lanfair-Riverwash association	0.05	0.13	0.4	4.37	0.58	0
NV755	715	Troughspring-Charkiln-Buckspring association	0.12	0.27	0.5	4.39	0.37	2
NV755	716	Troughspring very gravelly loam, 4 to 15 percent slopes	0.15	0.3	0.52	5.33	0.33	0
NV755	721	Corncreek-Badland-Pahrump association	0.09	0.19	0.39	7.27	0.28	0
NV755	723	Corncreek-Haymont association	0.08	0.2	0.39	9.14	0.23	0
NV755	725	Mackscanyon-Purob association	0.08	0.23	0.42	13.15	0.24	0
NV755	731	Purob-Irongold association	0.08	0.2	0.39	12.25	0.22	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	732	Purob extremely gravelly loam, 8 to 30 percent slopes	0.08	0.2	0.39	12.7	0.22	1
NV755	733	Purob extremely gravelly loam, 2 to 8 percent slopes	0.08	0.21	0.39	13.82	0.2	2
NV755	734	Purob-Niavi association	0.09	0.18	0.41	4.47	0.42	0
NV755	740	Varwash association	0.08	0.18	0.39	7.31	0.27	0
NV755	741	Varwash-Carrizo association	0.07	0.16	0.4	6.43	0.33	0
NV755	750	Haleburu-Crosgrain-Rock outcrop association	0.08	0.18	0.41	5.2	0.32	10
NV755	751	Nipton-Nolena association	0.08	0.17	0.39	5.19	0.29	3
NV755	752	Nipton-Newera association	0.1	0.19	0.39	6	0.2	0
NV755	753	Nipton-Hiddensun-Haleburu association	0.07	0.15	0.39	4.42	0.39	2
NV755	754	Haleburu-Hiddensun association	0.07	0.15	0.39	4.35	0.39	3
NV755	760	Searchlight extremely gravelly sandy loam, 2 to 4 percent slopes	0.05	0.13	0.39	4.19	0.54	0
NV755	772	Lamadre-Robbersfire association	0.12	0.27	0.47	10.34	0.24	3
NV755	775	Ladyofsnow-Robbersfire-Maryjane association	0.15	0.32	0.51	5.75	0.27	2
NV755	780	Prisonear fine sand, 2 to 8 percent slopes	0.02	0.07	0.42	2.96	1.58	0
NV755	781	Prisonear-Bluepoint association	0.02	0.06	0.42	1.36	1.75	0
NV755	790	McClanahan-Beerbo association	0.14	0.23	0.41	7.07	0.12	6
NV755	801	Nippeno-Newera association	0.16	0.26	0.4	8.8	0.07	2
NV755	805	Buckspring-Fletcherpeak-Seralin association	0.1	0.24	0.43	13.52	0.2	3
NV755	806	Buckspring-Scrapy association	0.08	0.19	0.41	7.57	0.31	2
NV755	810	Straycow-Newera-Rubble land association	0.11	0.24	0.41	11.64	0.15	4

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	815	Wheelerwell-Wheelerpass association	0.14	0.27	0.42	11.75	0.1	5
NV755	820	Newera-Rock outcrop association	0.15	0.25	0.39	8.43	0.08	15
NV755	821	Helkitchen-St. Thomas complex, 15 to 50 percent slopes	0.08	0.17	0.39	6.07	0.29	4
NV755	830	Puelzmine extremely gravelly fine sandy loam, 4 to 15 percent slopes	0.09	0.21	0.39	12.59	0.18	0
NV755	833	Virgin Peak-Rock outcrop association	0.09	0.23	0.44	9.11	0.3	15
NV755	840	Potosi-Zeheme-Rock outcrop association	0.07	0.18	0.39	8.72	0.24	10
NV755	845	Leecanyon-Goodwater association	0.07	0.22	0.42	11.68	0.32	0
NV755	850	Birdspring association	0.06	0.16	0.39	6.07	0.35	6
NV755	851	Birdspring-Zeheme-Rock outcrop association	0.08	0.19	0.39	10.16	0.23	15
NV755	852	Birdspring-Rock outcrop association	0.06	0.14	0.39	3.95	0.46	20
NV755	853	Birdspring-St. Thomas-Rock outcrop association	0.07	0.17	0.39	7.02	0.3	15
NV755	854	Birdspring-Birdspring, warm-Rock outcrop association	0.06	0.14	0.39	4.45	0.42	20
NV755	860	Straycow-Highland association	0.14	0.27	0.41	15.26	0.07	3
NV755	865	Mackscanyon very gravelly silt loam, 15 to 50 percent slopes	0.09	0.24	0.44	14.81	0.24	0
NV755	866	Goodwater-Doespring association, 15 to 50 percent slopes	0.07	0.19	0.42	7.93	0.36	0
NV755	867	Goodwater very gravelly sandy loam, 15 to 50 percent slopes	0.06	0.16	0.4	7.03	0.35	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	868	Mackscanyon-Goodwater association	0.08	0.22	0.42	12.07	0.26	0
NV755	870	Irongold extremely gravelly loam, 2 to 8 percent slopes	0.08	0.2	0.39	13.27	0.21	0
NV755	871	Irongold-Weiser association	0.07	0.19	0.39	10	0.24	0
NV755	872	Irongold-Wechech association	0.07	0.18	0.39	9.02	0.27	0
NV755	875	Kylecanyon-Goodwater association	0.07	0.2	0.41	11.37	0.29	0
NV755	880	Nonamewash-Rositas association	0.04	0.08	0.41	0.38	1.43	0
NV755	885	Luckystrike gravelly loam, 8 to 30 percent slopes	0.12	0.26	0.48	7.73	0.44	2
NV755	890	Ripley-Holtville complex	0.1	0.27	0.41	19.59	0.15	0
NV755	900	Urban land-Riverbend-Huevi association	0.06	0.15	0.39	3.53	0.63	0
NV755	905	Mountmummy-Thesisters-Maryjane association	0.14	0.3	0.51	4.27	0.28	3
NV755	910	Carrwash-Riverbend association	0.04	0.12	0.4	3.55	0.62	0
NV755	911	Carrwash association	0.03	0.12	0.4	4.05	0.63	0
NV755	915	Maryjane-Robbersfire-Kitgram complex, 30 to 75 percent slopes	0.15	0.33	0.54	2.71	0.32	1
NV755	916	Maryjane extremely gravelly loam, 8 to 30 percent slopes	0.16	0.32	0.56	1.4	0.44	0
NV755	920	Tanazza-Wechech-Wodavar association	0.06	0.14	0.39	4.55	0.58	0
NV755	925	Lastone association	0.11	0.23	0.42	8.23	0.2	1
NV755	930	Cololag-Badland association	0.09	0.18	0.39	5.53	0.28	0
NV755	940	Mesabase-Azsand association	0.04	0.1	0.4	2.83	0.79	3
NV755	941	Mesabase extremely gravelly sandy loam, 2 to 8 percent slopes	0.05	0.13	0.39	3.95	0.52	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV755	950	Drygyp association	0.03	0.07	0.41	3.14	1.49	0
NV755	951	Drygyp-Guardian-Baseline association	0.06	0.15	0.39	5.26	0.53	0
NV755	952	Drygyp fine sandy loam, 2 to 4 percent slopes	0.06	0.15	0.39	5.71	0.67	0
NV755	955	Drygyp-Bluegyp association	0.07	0.16	0.39	4.65	0.5	0
NV755	965	Azsand-Mesabase-Rositas association	0.03	0.09	0.41	2.25	1.04	0
NV755	970	Rubble land-Charpeak-Rock outcrop complex	0.1	0.21	0.41	6.56	0.26	15
NV755	980	Orrubo very gravelly loam, 15 to 35 percent slopes	0.09	0.21	0.39	11.88	0.19	0
NV755	981	Torriorthents-Haplocalcids-Lava flows complex, 10 to 40 percent slopes	0.07	0.17	0.39	7.77	0.27	20
NV755	982	Winkel-Rock outcrop complex, 2 to 12 percent slopes	0.09	0.21	0.39	12.23	0.19	15
NV755	998	Miscellaneous water	0.3	0.42	0.48	11.42	0.01	100
NV755	999	Water	0.3	0.42	0.48	11.42	0.01	100
UT634	300	Abela cobbly loam, 2 to 8 percent slopes	0.14	0.28	0.46	10.51	0.25	0
UT634	301	Abela very gravelly sandy loam, 8 to 25 percent slopes	0.11	0.2	0.44	3.32	0.41	0
UT634	302	Acord extremely cobbly loam, 15 to 40 percent slopes	0.15	0.29	0.46	11.3	0.14	0
UT634	303	Annabella very gravelly coarse sandy loam, 2 to 8 percent slopes	0.07	0.16	0.42	3.01	0.56	0
UT634	304	Annabella very gravelly loam, 2 to 15 percent slopes	0.14	0.27	0.43	12.92	0.13	0
UT634	305	Antelope Springs loam, 0 to 2 percent slopes	0.14	0.28	0.43	13.64	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	306	Antelope Springs silt loam, reclaimed, 0 to 2 percent slopes	0.14	0.32	0.47	19.71	0.18	0
UT634	307	Ashdown clay loam, 0 to 2 percent slopes	0.19	0.33	0.45	15.03	0.09	0
UT634	308	Ashdown fine sandy loam, 0 to 5 percent slopes	0.12	0.2	0.41	4.19	0.44	0
UT634	309	Ashdown loam, 2 to 5 percent slopes	0.15	0.29	0.44	14.01	0.17	0
UT634	310	Ashdown loam, gypsiferous substratum, 2 to 5 percent slopes	0.14	0.28	0.43	13.64	0.18	0
UT634	311	Ashdown silty clay loam, 0 to 1 percent slopes	0.19	0.35	0.47	20.54	0.09	0
UT634	312	Baboon very cobbly loam, 15 to 50 percent slopes	0.15	0.29	0.46	11.3	0.16	0
UT634	313	Badland	0.11	0.24	0.39	8.19	0.19	15
UT634	314	Badland-Moondog-Rock outcrop complex, 30 to 70 percent slopes	0.15	0.3	0.43	12.97	0.1	15
UT634	315	Baird Hollow-Mord complex, 15 to 40 percent slopes	0.16	0.32	0.53	5.2	0.36	0
UT634	316	Bamos extremely cobbly loam, 15 to 40 percent slopes	0.19	0.33	0.44	15.56	0.06	0
UT634	317	Bamos extremely gravelly loam, 2 to 15 percent slopes	0.19	0.33	0.44	15.56	0.07	0
UT634	318	Bamos-Lucero complex, 2 to 25 percent slopes	0.18	0.32	0.46	12.24	0.13	0
UT634	319	Bamos-Rock outcrop complex, 2 to 25 percent slopes	0.2	0.33	0.47	12.94	0.08	25
UT634	320	Bandag loam, 0 to 2 percent slopes	0.14	0.28	0.43	13.64	0.2	0
UT634	321	Bannion gravelly loam, 2 to 5 percent slopes	0.14	0.28	0.43	13.64	0.16	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	322	Behanin-Ess complex, 25 to 60 percent slopes	0.16	0.31	0.52	5.29	0.4	0
UT634	323	Berent loamy fine sand, 0 to 10 percent slopes	0.01	0.08	0.42	0.22	2	0
UT634	324	Beron-Plegomir gravelly sandy loams, 2 to 8 percent slopes	0.12	0.23	0.42	6.88	0.34	0
UT634	325	Beryl sandy loam, 2 to 5 percent slopes	0.11	0.2	0.42	4.66	0.51	0
UT634	326	Bess fine sandy loam, 2 to 15 percent slopes	0.11	0.2	0.45	1.99	0.73	0
UT634	327	Biblesprings fine sandy loam, 0 to 2 percent slopes	0.08	0.16	0.42	2.65	0.82	0
UT634	328	Biblesprings loam, 0 to 2 percent slopes	0.13	0.26	0.43	12.81	0.25	0
UT634	329	Biblesprings-Bannion complex, 2 to 5 percent slopes	0.09	0.17	0.42	3.47	0.68	0
UT634	330	Biblesprings-Blown out land complex, 0 to 5 percent slopes	0.13	0.21	0.45	0.41	0.31	0
UT634	331	Birdow loam, 0 to 5 percent slopes	0.15	0.29	0.48	8.18	0.32	0
UT634	332	Blown out land	0.3	0.42	0.48	11.42	0.01	0
UT634	333	Braffits loam, 0 to 2 percent slopes	0.14	0.28	0.43	13.64	0.2	0
UT634	334	Bullion silt loam, 0 to 2 percent slopes	0.13	0.29	0.43	23.07	0.13	0
UT634	335	Bullion silt loam, 0 to 5 percent slopes	0.1	0.27	0.44	18.81	0.28	0
UT634	336	Bullion-Antelope Springs complex, 0 to 2 percent slopes	0.14	0.29	0.43	19.16	0.15	0
UT634	337	Bullion-Berent complex, 0 to 10 percent slopes	0.09	0.22	0.42	4.46	0.34	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	338	Bullion-Biblesprings complex, 0 to 2 percent slopes	0.13	0.28	0.43	18.74	0.16	0
UT634	339	Bullion-Taylorsflat complex, 0 to 5 percent slopes	0.11	0.24	0.42	9.65	0.3	0
UT634	340	Bushvalley very stony loam, 15 to 40 percent slopes	0.16	0.31	0.51	6.81	0.23	0
UT634	341	Calcross loam, 0 to 2 percent slopes	0.14	0.29	0.44	16.58	0.18	0
UT634	342	Calcross loam, 2 to 5 percent slopes	0.14	0.29	0.44	16.58	0.18	0
UT634	343	Calcross silty clay loam, 0 to 1 percent slopes	0.19	0.37	0.49	24.39	0.09	0
UT634	344	Canburn silty clay loam, 0 to 5 percent slopes	0.2	0.36	0.51	14.91	0.15	0
UT634	345	Cathedral-Posant-Rock outcrop complex, 25 to 60 percent slopes	0.14	0.29	0.51	5.17	0.42	15
UT634	346	Checkett gravelly loam, 5 to 40 percent slopes	0.14	0.28	0.43	13.64	0.16	0
UT634	347	Checkett-Rock outcrop complex, 5 to 40 percent slopes	0.14	0.28	0.43	13.64	0.15	25
UT634	348	Checkett-Rock outcrop complex, 8 to 25 percent slopes	0.14	0.28	0.43	13.64	0.17	15
UT634	349	Chuska-Checkett gravelly loams, 8 to 25 percent slopes	0.14	0.28	0.43	13.64	0.16	0
UT634	350	Cinder land	0.02	0.06	0.41	0.29	2	0
UT634	351	Cranbay-Winnemucca complex, 10 to 60 percent slopes	0.18	0.33	0.53	5.5	0.28	0
UT634	352	Crestline gravelly sandy loam, 0 to 5 percent slopes	0.07	0.16	0.42	3.24	0.76	0
UT634	353	Crestline sandy loam, 0 to 2 percent slopes	0.07	0.16	0.42	3.24	0.87	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	354	Crestline-Sevy sandy loams, 0 to 2 percent slopes	0.08	0.17	0.42	3.63	0.73	0
UT634	355	Dalcan cobbly loam, 2 to 25 percent slopes	0.15	0.29	0.47	10.15	0.23	0
UT634	356	Dalcan cobbly loam, 15 to 40 percent slopes	0.2	0.34	0.48	11.91	0.11	0
UT634	357	Decca sandy loam, 0 to 5 percent slopes	0.1	0.19	0.42	4.26	0.52	0
UT634	358	Deerlodge gravelly loam, 2 to 8 percent slopes	0.14	0.28	0.43	13.64	0.17	0
UT634	359	Deerlodge gravelly loam, 2 to 15 percent slopes	0.14	0.28	0.43	13.64	0.16	0
UT634	360	Deerlodge gravelly loam, 5 to 15 percent slopes	0.14	0.28	0.43	13.64	0.16	0
UT634	361	Deerlodge-Bannion complex, 2 to 5 percent slopes	0.12	0.23	0.43	7.53	0.28	0
UT634	362	Deerlodge-Checkett gravelly loams, 2 to 8 percent slopes	0.14	0.28	0.43	13.64	0.16	0
UT634	363	Deerlodge-Monox gravelly sandy loams, 2 to 8 percent slopes	0.12	0.23	0.43	7.36	0.32	0
UT634	364	Denmark gravelly loam, 2 to 15 percent slopes	0.14	0.28	0.46	10.51	0.25	0
UT634	365	Denmark loam, 2 to 15 percent slopes	0.13	0.26	0.43	12.81	0.23	0
UT634	366	Denmark-Saxby complex, 2 to 15 percent slopes	0.14	0.27	0.44	11.77	0.21	0
UT634	367	Dennot very gravelly loam, 2 to 10 percent slopes	0.15	0.28	0.45	12.46	0.16	0
UT634	368	Detra complex, 2 to 15 percent slopes	0.16	0.27	0.48	3.06	0.38	0
UT634	369	Detra fine sandy loam, 15 to 40 percent slopes	0.13	0.22	0.48	1.18	0.82	0
UT634	370	Dixie gravelly loam, 2 to 8 percent slopes	0.14	0.28	0.43	13.64	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	371	Dixie-Checkett complex, 5 to 40 percent slopes	0.14	0.28	0.43	13.64	0.14	0
UT634	372	Doyce loam, 2 to 15 percent slopes	0.2	0.33	0.47	12.94	0.11	0
UT634	373	Dune land	0.02	0.08	0.41	1.06	1.9	0
UT634	374	Elenore gravelly loam, 2 to 8 percent slopes	0.15	0.29	0.46	11.3	0.21	0
UT634	375	Escalante sandy loam, 0 to 5 percent slopes	0.07	0.16	0.42	3.24	0.83	0
UT634	376	Escalante sandy loam, 1 to 5 percent slopes	0.07	0.16	0.42	3.24	0.85	0
UT634	377	Faim clay loam, 4 to 25 percent slopes	0.21	0.36	0.52	7.01	0.23	0
UT634	378	Faim clay loam, 4 to 40 percent slopes	0.21	0.36	0.52	6.95	0.23	0
UT634	379	Festus gravelly sandy loam, 2 to 8 percent slopes	0.1	0.19	0.42	4.26	0.48	0
UT634	380	Fughes-Sheckle loams, 4 to 25 percent slopes	0.15	0.3	0.51	5.93	0.49	0
UT634	381	Garbo gravelly sandy loam, 2 to 5 percent slopes	0.08	0.17	0.42	3.32	0.66	0
UT634	382	Garbo-Biblesprings complex, 2 to 5 percent slopes	0.08	0.17	0.42	3.32	0.7	0
UT634	383	Garbo-Deerlodge complex, 2 to 8 percent slopes	0.12	0.25	0.43	9	0.28	0
UT634	384	Garbo-Sevy complex, 2 to 5 percent slopes	0.12	0.22	0.43	5.66	0.31	0
UT634	385	Gomine-Vennob-Rock outcrop complex, 15 to 40 percent slopes	0.19	0.33	0.46	13.02	0.07	15
UT634	386	Gordonpoint loam, 1 to 10 percent slopes	0.16	0.31	0.51	6.81	0.37	0
UT634	387	Hatu silty clay, 0 to 2 percent slopes	0.26	0.41	0.52	15.15	0.06	0
UT634	388	Hiko Peak gravelly loam, 2 to 25 percent slopes	0.13	0.26	0.43	12.81	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	389	Hiko Peak gravelly sandy loam, 2 to 15 percent slopes	0.08	0.17	0.42	3.32	0.62	0
UT634	390	Hoye sandy loam, 2 to 5 percent slopes	0.17	0.27	0.41	9.6	0.11	0
UT634	391	Ikit-Rock outcrop-Lorhunt complex, 25 to 60 percent slopes	0.14	0.28	0.43	13.64	0.16	35
UT634	392	Ironco-Quilt complex, 25 to 60 percent slopes	0.15	0.29	0.46	11.3	0.14	0
UT634	393	Jigsaw silty clay loam, 0 to 2 percent slopes	0.19	0.37	0.49	24.39	0.09	0
UT634	394	Junkett cobbly sandy loam, 2 to 8 percent slopes	0.11	0.2	0.44	3.32	0.49	0
UT634	395	Kanarra extremely cobbly clay loam, 8 to 25 percent slopes	0.2	0.33	0.47	12.94	0.06	0
UT634	396	Kanarra sandy clay loam, 2 to 8 percent slopes	0.17	0.27	0.44	7.09	0.22	0
UT634	397	Kolob-Detra association, 2 to 40 percent slopes	0.16	0.31	0.51	6.81	0.36	0
UT634	398	Komo gravelly loam, 2 to 15 percent slopes	0.14	0.28	0.43	13.64	0.16	0
UT634	399	Krueger loam, 2 to 5 percent slopes	0.15	0.3	0.51	6.31	0.4	0
UT634	400	Kunz-Detra complex, 2 to 40 percent slopes	0.16	0.3	0.51	6.48	0.38	0
UT634	401	Kunz-Ramps complex, 8 to 25 percent slopes	0.1	0.2	0.48	0.54	0.92	0
UT634	402	Lagnaf-Rypod complex, 15 to 40 percent slopes	0.15	0.29	0.47	10.17	0.19	0
UT634	403	Lava flows	0.3	0.42	0.48	11.42	0.01	85
UT634	404	Lavate very cobbly sandy loam, 8 to 25 percent slopes	0.11	0.2	0.44	3.32	0.43	0
UT634	405	Lodar-Rock outcrop complex, 15 to 50 percent slopes	0.15	0.29	0.46	11.3	0.18	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	406	Lucero gravelly sandy loam, 2 to 8 percent slopes	0.09	0.18	0.44	2.37	0.73	0
UT634	407	Lucero-Checkett complex, 15 to 40 percent slopes	0.15	0.28	0.45	12.03	0.13	0
UT634	408	Magna silty clay loam, 0 to 2 percent slopes	0.19	0.35	0.47	20.54	0.09	0
UT634	409	Manderfield gravelly sandy loam, 2 to 8 percent slopes	0.09	0.18	0.44	2.37	0.73	0
UT634	410	Manselo loam, 0 to 2 percent slopes	0.09	0.22	0.43	10.64	0.47	0
UT634	411	Manselo loam, 0 to 3 percent slopes	0.15	0.29	0.46	11.3	0.25	0
UT634	412	Manselo-Antelope Springs silt loams, 0 to 2 percent slopes	0.14	0.32	0.46	21.09	0.16	0
UT634	413	Manselo-Ashdown complex, 0 to 5 percent slopes	0.12	0.23	0.43	7.59	0.36	0
UT634	414	Manselo-Berent complex, 0 to 10 percent slopes	0.08	0.15	0.43	1.12	0.99	0
UT634	415	Manselo-Biblesprings complex, 0 to 5 percent slopes	0.11	0.22	0.42	6.28	0.43	0
UT634	416	Manselo-Sevy loams, 0 to 8 percent slopes	0.14	0.27	0.44	12.52	0.2	0
UT634	417	Medburn sandy loam, 0 to 2 percent slopes	0.1	0.19	0.42	4.26	0.57	0
UT634	418	Medburn sandy loam, 2 to 5 percent slopes	0.07	0.16	0.42	3.24	0.9	0
UT634	419	Medburn sandy loam, saline-alkali, 0 to 2 percent slopes	0.07	0.16	0.42	3.24	0.91	0
UT634	420	Melling very gravelly loam, 8 to 25 percent slopes	0.16	0.3	0.5	7.91	0.25	0
UT634	421	Minu gravelly sandy loam, 2 to 8 percent slopes	0.1	0.19	0.42	4.26	0.48	0
UT634	422	Monox gravelly sandy loam, 2 to 8 percent slopes	0.14	0.28	0.43	13.64	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	423	Monroe loam, 0 to 2 percent slopes	0.15	0.29	0.46	10.73	0.27	0
UT634	424	Monroe-Wales silt loams, 0 to 2 percent slopes	0.15	0.32	0.47	19.49	0.18	0
UT634	425	Moondog cobbly loam, 15 to 40 percent slopes	0.14	0.28	0.43	13.64	0.17	0
UT634	426	Moondog-Lorhunt-Rock outcrop complex, 30 to 70 percent slopes	0.17	0.32	0.45	16.97	0.09	15
UT634	427	Mord gravelly loam, 4 to 25 percent slopes	0.17	0.32	0.53	4.67	0.4	0
UT634	428	Mosida fine sandy loam, 0 to 2 percent slopes	0.1	0.19	0.44	2.3	0.76	0
UT634	429	Motoqua-Rock outcrop complex, 15 to 40 percent slopes	0.15	0.29	0.46	11.3	0.14	30
UT634	430	Muleypoint very cobbly loam, 15 to 40 percent slopes	0.14	0.28	0.46	10.6	0.2	0
UT634	431	Musinia silty clay loam, 0 to 2 percent slopes	0.19	0.38	0.51	19.2	0.13	0
UT634	432	Naplene loam, 2 to 5 percent slopes	0.14	0.29	0.44	16.58	0.18	0
UT634	433	Ocambee extremely cobbly loam, 25 to 40 percent slopes	0.15	0.29	0.46	11.3	0.14	0
UT634	434	Ocambee extremely gravelly loam, 8 to 25 percent slopes	0.15	0.29	0.46	11.3	0.14	0
UT634	435	Onaqui-Tolman-Rock outcrop complex, 15 to 50 percent slopes	0.15	0.3	0.48	8.89	0.25	15
UT634	436	Orcap very gravelly clay loam, 15 to 50 percent slopes	0.21	0.35	0.51	8.9	0.13	0
UT634	437	Paragonah silty clay loam, 0 to 2 percent slopes	0.19	0.35	0.45	23.48	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	438	Parowan silt loam, 0 to 2 percent slopes	0.14	0.34	0.44	35.55	0.07	0
UT634	439	Pass Canyon extremely cobbly loam, 15 to 40 percent slopes	0.15	0.29	0.46	11.3	0.14	0
UT634	440	Pass Canyon-Lucero complex, 4 to 40 percent slopes	0.17	0.31	0.45	13.36	0.11	0
UT634	441	Pass Canyon-Red Butte-Rock outcrop association, 15 to 40 percent slopes	0.15	0.29	0.46	11.3	0.17	20
UT634	442	Pass Canyon-Rock outcrop complex, 25 to 60 percent slopes	0.15	0.29	0.46	11.3	0.17	25
UT634	443	Paunsaugunt extremely stony loam, 25 to 60 percent slopes	0.16	0.3	0.5	7.91	0.21	0
UT634	444	Paunsaugunt-Kolob gravelly loams, 10 to 40 percent slopes	0.15	0.32	0.48	15.57	0.13	0
UT634	445	Pavant cobbly loam, 2 to 15 percent slopes	0.15	0.29	0.46	11.3	0.21	0
UT634	446	Pavant-Abela complex, 2 to 25 percent slopes	0.13	0.25	0.45	6.83	0.28	0
UT634	447	Pavant-Lucero cobbly loams, 2 to 25 percent slopes	0.15	0.29	0.46	11.3	0.21	0
UT634	448	Pits-Dumps complex	0.13	0.21	0.45	0.91	0.19	0
UT634	449	Playas	0.15	0.31	0.43	25.54	0.09	0
UT634	450	Plegomir gravelly sandy loam, 2 to 15 percent slopes	0.1	0.19	0.42	4.26	0.5	0
UT634	451	Plegomir-Deerlodge gravelly sandy loams, 2 to 8 percent slopes	0.13	0.25	0.43	9.04	0.27	0
UT634	452	Plegomir-Manselo complex, 2 to 15 percent slopes	0.13	0.24	0.42	7.52	0.28	0
UT634	453	Plite sandy loam, 2 to 8 percent slopes	0.11	0.21	0.47	2.02	0.77	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	454	Pyrat gravelly loam, 2 to 15 percent slopes	0.1	0.23	0.43	11.24	0.34	0
UT634	455	Quichipa silty clay loam, 0 to 2 percent slopes	0.21	0.37	0.48	19.21	0.07	0
UT634	456	Radec very cobbly loam, 2 to 15 percent slopes	0.23	0.36	0.46	14.99	0.03	0
UT634	457	Radec-Bodacious complex, 15 to 60 percent slopes	0.15	0.29	0.46	11.3	0.18	0
UT634	458	Radec-Checkett association, 8 to 25 percent slopes	0.19	0.32	0.45	14.34	0.07	0
UT634	459	Radec-Rock outcrop complex, 8 to 25 percent slopes	0.15	0.29	0.46	11.3	0.17	20
UT634	460	Red Butte extremely gravelly loam, 15 to 40 percent slopes	0.15	0.29	0.46	11.3	0.14	0
UT634	461	Red Butte very gravelly loam, 2 to 15 percent slopes	0.15	0.29	0.46	11.3	0.17	0
UT634	462	Repmis gravelly loam, 2 to 15 percent slopes	0.15	0.29	0.46	11.3	0.22	0
UT634	463	Revor gravelly loam, 2 to 8 percent slopes	0.15	0.29	0.46	11.3	0.22	0
UT634	464	Ripgut gravelly loam, 2 to 8 percent slopes	0.14	0.28	0.43	13.64	0.17	0
UT634	465	Riverwash	0.03	0.12	0.39	4.67	1.16	0
UT634	466	Rob Roy extremely cobbly loam, 15 to 50 percent slopes	0.14	0.28	0.46	10.6	0.16	0
UT634	467	Rock outcrop	0.11	0.24	0.39	8.19	0.19	85
UT634	468	Rustico silty clay loam, 0 to 2 percent slopes	0.2	0.38	0.54	14.27	0.2	0
UT634	469	Rypod very gravelly loam, 15 to 40 percent slopes	0.15	0.3	0.48	9.03	0.23	0
UT634	470	Sackett loam, 2 to 8 percent slopes	0.14	0.28	0.43	13.64	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	471	Sanpete extremely cobbly loam, 8 to 25 percent slopes	0.13	0.26	0.43	12.81	0.13	0
UT634	472	Saxby-Rock outcrop-Checkett complex, 15 to 40 percent slopes	0.14	0.28	0.45	11.53	0.16	25
UT634	473	Seth loam, 2 to 15 percent slopes	0.16	0.31	0.52	5.73	0.42	0
UT634	474	Seth stony loam, 15 to 40 percent slopes	0.16	0.31	0.52	5.73	0.33	0
UT634	475	Sevy loam, 2 to 8 percent slopes	0.19	0.33	0.45	15.03	0.08	0
UT634	476	Sevy sandy loam, 0 to 2 percent slopes	0.1	0.19	0.42	4.26	0.57	0
UT634	477	Sevy sandy loam, 2 to 8 percent slopes	0.1	0.19	0.42	4.26	0.55	0
UT634	478	Sevy-Ardnas complex, 0 to 5 percent slopes	0.1	0.21	0.43	5.86	0.45	0
UT634	479	Sevy-Taylorsflat complex, 2 to 8 percent slopes	0.14	0.26	0.44	7.99	0.21	0
UT634	480	Simper gravelly loam, 2 to 15 percent slopes	0.15	0.29	0.46	11.3	0.22	0
UT634	481	Siroco cobbly loam, 8 to 25 percent slopes	0.2	0.34	0.48	11.91	0.11	0
UT634	482	Skumpah silt loam, 0 to 2 percent slopes	0.14	0.34	0.44	34.67	0.07	0
UT634	483	Soutin loam, 2 to 5 percent slopes	0.14	0.29	0.44	16.58	0.18	0
UT634	484	Squawcave silt loam, 2 to 15 percent slopes	0.14	0.31	0.45	21.88	0.15	0
UT634	485	Streuling-Fontreen very gravelly loams, 15 to 50 percent slopes	0.15	0.29	0.46	11.3	0.18	0
UT634	486	Studhorse gravelly loam, 2 to 8 percent slopes	0.15	0.29	0.46	11.3	0.22	0
UT634	487	Studhorse gravelly loam, 2 to 15 percent slopes	0.15	0.29	0.46	11.3	0.22	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	488	Syrett-Mudcree complex, 25 to 60 percent slopes	0.17	0.32	0.48	10.34	0.16	0
UT634	489	Taylorsflat loam, 0 to 2 percent slopes	0.15	0.29	0.46	11.3	0.25	0
UT634	490	Taylorsflat loam, 2 to 5 percent slopes	0.15	0.29	0.46	11.3	0.24	0
UT634	491	Taylorsflat loam, saline, 0 to 5 percent slopes	0.14	0.28	0.43	13.64	0.2	0
UT634	492	Taylorsflat-Escalante sandy loams, 2 to 5 percent slopes	0.07	0.16	0.42	3.24	0.86	0
UT634	493	Tiki-Kinghorn-Rock outcrop complex, 15 to 40 percent slopes	0.14	0.28	0.43	13.64	0.14	15
UT634	494	Tolman extremely cobbly loam, 4 to 25 percent slopes	0.15	0.29	0.46	11.3	0.14	0
UT634	495	Tolman-Dalcan-Rock outcrop complex, 25 to 60 percent slopes	0.16	0.3	0.49	8.21	0.26	15
UT634	496	Tolman-Rock outcrop complex, 15 to 40 percent slopes	0.11	0.2	0.44	3.32	0.43	15
UT634	497	Tolman-Rock outcrop-Dalcan complex, 15 to 50 percent slopes	0.17	0.29	0.45	8.07	0.13	30
UT634	498	Tolman-Waltershow-Rock outcrop complex, 15 to 40 percent slopes	0.12	0.22	0.45	4.51	0.32	15
UT634	499	Tombar cobbly loam, 2 to 15 percent slopes	0.15	0.29	0.46	11.3	0.22	0
UT634	500	Tombar extremely cobbly loam, 15 to 40 percent slopes	0.15	0.29	0.46	11.3	0.14	0
UT634	501	Trag stony loam, 15 to 60 percent slopes	0.16	0.31	0.51	6.81	0.33	0
UT634	502	Vennob-Bodacious-Rock outcrop association, 15 to 50 percent slopes	0.2	0.33	0.45	14.44	0.05	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	503	Vennob-Rock outcrop complex, 15 to 40 percent slopes	0.23	0.36	0.46	14.99	0.03	30
UT634	504	Wales loam, 0 to 2 percent slopes	0.14	0.28	0.43	13.74	0.2	0
UT634	505	Wales loam, 2 to 5 percent slopes	0.19	0.35	0.47	20.54	0.09	0
UT634	506	Wales loam, flooded, 0 to 2 percent slopes	0.14	0.28	0.43	13.64	0.2	0
UT634	507	Wales sandy loam, 0 to 2 percent slopes	0.07	0.16	0.42	3.24	0.9	0
UT634	508	Wales silty clay loam, 0 to 2 percent slopes	0.19	0.35	0.47	20.54	0.09	0
UT634	509	Wales very fine sandy loam, 0 to 2 percent slopes	0.07	0.17	0.42	4.01	0.85	0
UT634	510	Welring-Menefee-Rock outcrop complex, 40 to 80 percent slopes	0.13	0.23	0.43	6.67	0.19	15
UT634	511	Wenzel cobbly loam, 15 to 40 percent slopes	0.16	0.31	0.51	6.81	0.31	0
UT634	512	Whiteman very cobbly very fine sandy loam, 1 to 6 percent slopes	0.19	0.33	0.46	13.98	0.07	0
UT634	513	Winnemucca loam, 2 to 15 percent slopes	0.17	0.32	0.53	4.67	0.47	0
UT634	514	Winnemucca-Hoodle association, 5 to 30 percent slopes	0.13	0.27	0.47	9.18	0.34	0
UT634	515	Woodrow silty clay loam, 0 to 2 percent slopes	0.19	0.37	0.49	24.39	0.09	0
UT634	516	Woodrow silty clay loam, saline, 0 to 2 percent slopes	0.19	0.37	0.48	25.73	0.08	0
UT634	517	Wye very gravelly loam, 15 to 40 percent slopes	0.14	0.28	0.43	13.64	0.14	0
UT634	518	Water	0.3	0.42	0.48	11.42	0.01	100
UT634	1025	Aned-Newvil-Decan association	0.11	0.2	0.44	3.81	0.49	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT634	1201	Decan-Uana association	0.2	0.33	0.46	13.69	0.08	0
UT634	1290	Ravendog-Fanu-Fifteenmile association	0.1	0.24	0.44	9.22	0.33	0
UT634	1362	Deerlodge-Fanu-Newvil association	0.12	0.24	0.44	6.16	0.31	0
UT634	1364	Bamos-Pass Canyon-Rock outcrop association	0.19	0.33	0.44	15.45	0.06	15
UT634	1378	Oxvalley-Denpark-Hamtah assocation	0.14	0.27	0.47	7.85	0.29	0
UT634	1828	Cedaran-Wakansapa-Turba association	0.15	0.28	0.45	8.95	0.17	0
UT634	1829	Wakansapa-Cedaran association	0.17	0.31	0.44	13.77	0.08	0
UT634	1886	Schoolmarm-Starflyer-Rock outcrop association	0.08	0.17	0.44	2.01	0.65	20
UT634	3892	Slockey-Hamtah-Schoolmarm association	0.15	0.26	0.45	5.75	0.21	0
UT634	4026	Schoolmarm-Hamtah-Rock outcrop association	0.13	0.23	0.44	4.46	0.31	15
UT636	1	Ahlstrom-Osote complex, 1 to 15 percent slopes	0.16	0.33	0.5	12.59	0.23	0
UT636	2	Alldown clay loam, 1 to 2 percent slopes	0.18	0.32	0.43	17.09	0.08	0
UT636	3	Alldown clay loam, 2 to 5 percent slopes	0.18	0.31	0.43	16.44	0.08	0
UT636	4	Alldown loam, alkali, 1 to 2 percent slopes	0.14	0.27	0.42	13.24	0.15	0
UT636	5	Alldown clay loam, moist, 2 to 5 percent slopes	0.18	0.31	0.43	16	0.08	0
UT636	6	Andys loam, 2 to 15 percent slopes	0.14	0.27	0.44	12.92	0.19	0
UT636	7	Andys very cobbly loam, 8 to 25 percent slopes	0.11	0.24	0.43	11.99	0.24	0
UT636	8	Badland-Cannonville-Rock outcrop complex, 30 to 50 percent slopes	0.18	0.31	0.42	11.32	0.07	15

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	9	Badland-Rock outcrop-Paunsaugunt complex, 2 to 20 percent slopes	0.14	0.27	0.42	10.69	0.15	30
UT636	10	Baldfield clay, 2 to 4 percent slopes	0.27	0.4	0.48	15.49	0.02	0
UT636	11	Baldfield clay, 2 to 8 percent slopes, eroded	0.27	0.4	0.48	15.53	0.02	0
UT636	12	Barx fine sandy loam, 2 to 10 percent slopes	0.1	0.2	0.43	4.1	0.61	0
UT636	13	Bayfield clay, 2 to 8 percent slopes	0.26	0.39	0.47	15.82	0.02	0
UT636	14	Befar clay, 4 to 8 percent slopes	0.28	0.41	0.49	13.9	0.02	0
UT636	15	Behanin loam, 30 to 70 percent slopes	0.13	0.27	0.47	8.61	0.37	0
UT636	16	Blanchard family sand, 30 to 70 percent slopes	0.03	0.07	0.44	2.96	1.5	5
UT636	17	Borollic Natrargids, 0 to 1 percent slopes	0.2	0.34	0.44	15.83	0.05	0
UT636	18	Broncho very gravelly sandy loam, 2 to 5 percent slopes	0.12	0.21	0.4	5.67	0.24	0
UT636	19	Bruman loam, 2 to 5 percent slopes	0.1	0.24	0.41	13.58	0.27	0
UT636	20	Bruman gravelly loam, 2 to 10 percent slopes	0.1	0.23	0.41	13.62	0.25	0
UT636	21	Bruman cobbly loam, moist, 10 to 30 percent slopes	0.09	0.23	0.41	13.05	0.27	0
UT636	22	Bruman cobbly loam, moist, 30 to 50 percent slopes	0.1	0.23	0.41	12.97	0.27	0
UT636	23	Bruman very cobbly loam, 5 to 30 percent slopes	0.1	0.23	0.41	13.58	0.19	0
UT636	24	Bruman very cobbly loam, 30 to 50 percent slopes	0.1	0.23	0.41	13.35	0.19	0
UT636	25	Brycan very fine sandy loam, 1 to 6 percent slopes	0.09	0.2	0.47	2.42	0.96	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	26	Brycan very fine sandy loam, 6 to 15 percent slopes	0.09	0.2	0.46	2.67	0.82	0
UT636	27	Bushvalley very stony loam, 15 to 40 percent slopes	0.15	0.29	0.46	10.6	0.13	0
UT636	28	Callings-Winnemucca association, 5 to 15 percent slopes	0.14	0.29	0.51	5.91	0.41	0
UT636	29	Cannonville clay, 30 to 50 percent slopes	0.27	0.4	0.47	15.66	0.02	0
UT636	30	Cannonville very stony clay, 30 to 50 percent slopes	0.26	0.39	0.47	15.45	0.02	0
UT636	31	Castino-Behanin association, 20 to 70 percent slopes	0.15	0.3	0.51	5.63	0.34	5
UT636	32	Castino-Tica family complex, 20 to 70 percent slopes	0.16	0.31	0.5	6.55	0.23	5
UT636	33	Castino-Winnemucca association, 5 to 30 percent slopes	0.16	0.33	0.53	6	0.32	5
UT636	34	Circleville-Rock outcrop complex, 25 to 60 percent slopes	0.18	0.31	0.44	13.19	0.08	35
UT636	35	Clapper cobbly loam, 5 to 30 percent slopes	0.14	0.27	0.42	14.63	0.12	0
UT636	36	Clapper cobbly loam, 30 to 60 percent slopes	0.13	0.26	0.41	14.85	0.13	0
UT636	37	Codley silt loam, 1 to 2 percent slopes	0.15	0.33	0.44	30.12	0.08	0
UT636	38	Codley silt loam, 2 to 5 percent slopes	0.14	0.33	0.44	31.78	0.09	0
UT636	39	Comodore-Rock outcrop complex, 15 to 40 percent slopes	0.19	0.33	0.45	13.95	0.06	30
UT636	40	Crestline fine sandy loam, 2 to 4 percent slopes	0.08	0.17	0.4	5.35	0.61	0
UT636	41	Dalcan very cobbly loam, dry, 4 to 25 percent slopes	0.16	0.29	0.45	12.29	0.12	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	42	Descot silt loam, dry, 1 to 2 percent slopes	0.13	0.3	0.44	20.86	0.17	0
UT636	43	Descot silt loam, 2 to 5 percent slopes	0.14	0.3	0.44	19.16	0.15	0
UT636	44	Dimyaw family, gravelly loam, 4 to 25 percent slopes, eroded	0.15	0.28	0.42	14.74	0.11	0
UT636	45	Echard loam, 5 to 30 percent slopes	0.15	0.3	0.49	7.71	0.33	0
UT636	46	Ess-Callings association, 15 to 45 percent slopes	0.12	0.24	0.49	3.52	0.59	0
UT636	47	Evanston loam, 2 to 8 percent slopes	0.11	0.24	0.43	11.98	0.34	0
UT636	48	Evanston very cobbly loam, 4 to 25 percent slopes	0.11	0.24	0.43	11.89	0.23	0
UT636	49	Frandsen loam, dry, 1 to 15 percent slopes	0.15	0.29	0.44	12.59	0.18	0
UT636	50	Frandsen-Neto association, 1 to 8 percent slopes	0.14	0.26	0.44	7.42	0.23	0
UT636	51	Frandsen, dry-Wiggler complex, 15 to 50 percent slopes	0.15	0.29	0.44	13.52	0.13	0
UT636	52	Fughes silty clay loam, 0 to 4 percent slopes	0.19	0.35	0.49	14.59	0.13	0
UT636	53	Gerst family-Rock outcrop complex, 20 to 70 percent slopes	0.15	0.28	0.42	13.91	0.13	35
UT636	54	Greenhalgh silt loam, 1 to 2 percent slopes	0.16	0.34	0.44	28.87	0.07	0
UT636	55	Greenhalgh silt loam, 2 to 5 percent slopes	0.16	0.34	0.44	28.87	0.07	0
UT636	56	Grimm sandy loam, 1 to 5 percent slopes	0.08	0.17	0.41	4.93	0.62	0
UT636	57	Guben gravelly loam, dry, 1 to 25 percent slopes	0.13	0.27	0.46	9.86	0.27	0
UT636	58	Guben-Showalter complex, 2 to 30 percent slopes	0.14	0.28	0.47	10.23	0.24	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	59	Harol very cobbly loam, 2 to 15 percent slopes	0.15	0.29	0.47	9.67	0.19	0
UT636	60	Harol very cobbly loam, 15 to 40 percent slopes	0.15	0.29	0.46	10.5	0.15	0
UT636	61	Harol very cobbly loam, moist, 25 to 50 percent slopes	0.15	0.29	0.47	10.39	0.18	0
UT636	62	Hatch-Pahreah complex, 5 to 25 percent slopes	0.2	0.34	0.47	12.72	0.07	0
UT636	63	Hatch-Swapps complex, 5 to 25 percent slopes	0.18	0.31	0.44	12.61	0.09	0
UT636	64	Henrieville sandy loam, 1 to 2 percent slopes	0.1	0.19	0.41	5.87	0.45	0
UT636	65	Henrieville sandy loam, 2 to 5 percent slopes	0.1	0.19	0.41	5.87	0.45	0
UT636	66	Henrieville sandy loam, 5 to 10 percent slopes	0.08	0.17	0.4	5.21	0.61	0
UT636	67	Henrieville sandy loam, moist, 2 to 8 percent slopes	0.1	0.2	0.41	5.85	0.43	0
UT636	68	Hernandez family-Clapper complex, 2 to 8 percent slopes	0.13	0.27	0.42	15.41	0.15	0
UT636	69	Ipson cobbly loam, 8 to 25 percent slopes	0.13	0.26	0.44	11.4	0.23	0
UT636	70	Ipson very cobbly loam, 25 to 60 percent slopes	0.12	0.26	0.44	11.47	0.22	0
UT636	71	Ipson very stony loam, dry, 5 to 25 percent slopes	0.12	0.26	0.44	11.16	0.19	0
UT636	72	Jodero loam, 1 to 2 percent slopes	0.16	0.29	0.47	9.51	0.25	0
UT636	73	Jodero loam, moist, 2 to 8 percent slopes	0.16	0.3	0.47	9.99	0.22	0
UT636	74	Kade silt loam, 0 to 2 percent slopes	0.16	0.34	0.54	7.98	0.41	0
UT636	75	Lava flows	0.3	0.42	0.48	11.42	0.01	100

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	76	Lazear-Rock outcrop-Badland complex, 8 to 20 percent slopes	0.1	0.2	0.41	4.93	0.33	25
UT636	77	Losee gravelly loam, 3 to 15 percent slopes	0.12	0.25	0.45	9.26	0.3	0
UT636	78	Losee gravelly sandy loam, dry, 10 to 25 percent slopes	0.09	0.19	0.43	3.03	0.55	0
UT636	79	Losee very gravelly loam, 30 to 60 percent slopes	0.13	0.27	0.46	10.2	0.25	5
UT636	80	Luhon loam, 2 to 5 percent slopes	0.14	0.28	0.42	14.94	0.13	0
UT636	81	Luhon loam, gravelly substratum, 1 to 2 percent slopes	0.14	0.28	0.42	15.11	0.14	0
UT636	82	Luhon loam, gravelly substratum, 2 to 5 percent slopes	0.14	0.28	0.42	15.11	0.14	0
UT636	83	Luhon loam, moist, 3 to 15 percent slopes	0.14	0.28	0.42	15.92	0.14	0
UT636	84	Luhon very cobbly sandy loam, 2 to 15 percent slopes	0.08	0.17	0.4	5.07	0.37	0
UT636	85	Mespun loamy fine sand, 1 to 3 percent slopes	0.04	0.1	0.41	0.34	1.49	0
UT636	86	Mespun loamy fine sand, 3 to 8 percent slopes	0.04	0.09	0.41	0.31	1.51	0
UT636	87	Mespun loamy fine sand, 8 to 15 percent slopes	0.04	0.08	0.41	0.22	1.71	5
UT636	88	Mikim sandy loam, 2 to 8 percent slopes	0.1	0.19	0.4	5.57	0.43	0
UT636	89	Mikim loam, dry, 1 to 2 percent slopes	0.15	0.28	0.42	15.21	0.13	0
UT636	90	Mikim loam, 2 to 4 percent slopes	0.15	0.28	0.42	15.71	0.15	0
UT636	91	Mikim clay loam, dry, 1 to 2 percent slopes	0.18	0.31	0.43	14.68	0.08	0
UT636	92	Mikim clay loam, dry, 2 to 5 percent slopes	0.18	0.31	0.43	14.68	0.08	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	93	Mitch silt loam, 0 to 3 percent slopes	0.15	0.3	0.48	11.87	0.28	0
UT636	94	Mitch-Riverwash association, 0 to 3 percent slopes	0.1	0.23	0.44	8.04	0.46	0
UT636	95	Mivida fine sandy loam, 2 to 10 percent slopes	0.1	0.21	0.42	6.03	0.44	0
UT636	96	Neto fine sandy loam, 1 to 5 percent slopes	0.09	0.19	0.44	3.44	0.69	0
UT636	97	Neto very fine sandy loam, wet, 0 to 2 percent slopes	0.11	0.22	0.43	5.18	0.44	0
UT636	98	Notter loam, 1 to 4 percent slopes	0.11	0.24	0.43	11.49	0.3	0
UT636	99	Notter loam, moist, 1 to 8 percent slopes	0.11	0.25	0.44	11.79	0.3	0
UT636	100	Notter loam, thick surface, 4 to 8 percent slopes	0.13	0.26	0.43	11.71	0.21	0
UT636	101	Notter gravelly coarse sandy loam, 2 to 8 percent slopes	0.07	0.17	0.43	3.4	0.7	0
UT636	102	Notter gravelly loam, 8 to 25 percent slopes	0.1	0.24	0.43	11.96	0.28	0
UT636	103	Notter very cobbly loam, 4 to 25 percent slopes	0.11	0.24	0.43	11.98	0.21	0
UT636	104	Notter variant loam, 1 to 4 percent slopes	0.15	0.28	0.45	12.39	0.22	0
UT636	105	Pahreah-Sheege complex, 1 to 20 percent slopes	0.13	0.25	0.48	3.98	0.37	5
UT636	106	Pahreah-Sielo complex, 2 to 25 percent slopes	0.15	0.28	0.47	8.2	0.24	0
UT636	107	Pahreah-Swapps complex, 25 to 65 percent slopes	0.17	0.31	0.47	9.61	0.14	0
UT636	108	Panguitch-Mitch association, 0 to 5 percent slopes	0.12	0.24	0.47	3.85	0.44	0
UT636	109	Panguitch-Riverwash association, 5 to 15 percent slopes	0.11	0.24	0.45	7.48	0.42	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	110	Paunsaugunt gravelly loam, 2 to 15 percent slopes	0.15	0.29	0.44	13.07	0.13	0
UT636	111	Paunsaugunt-Syrett gravelly loams, 2 to 20 percent slopes	0.17	0.31	0.47	10.07	0.12	0
UT636	112	Playas	0.3	0.44	0.53	13.93	0.03	0
UT636	113	Plite sandy loam, 2 to 8 percent slopes	0.13	0.23	0.47	2.17	0.56	0
UT636	114	Podo loamy sand, 1 to 12 percent slopes	0.06	0.12	0.42	0.75	1.21	0
UT636	115	Podo-Wiggler complex, 10 to 50 percent slopes	0.15	0.29	0.43	14.72	0.11	5
UT636	116	Podo-Rock outcrop complex, 10 to 40 percent slopes	0.1	0.19	0.41	5.1	0.38	15
UT636	117	Quilt very cobbly loam, 4 to 25 percent slopes	0.14	0.27	0.45	11.3	0.17	0
UT636	118	Quilt very cobbly loam, 25 to 40 percent slopes	0.14	0.27	0.45	11.42	0.16	0
UT636	119	Redcreek gravelly sandy loam, dry, 10 to 40 percent slopes	0.11	0.2	0.4	6.09	0.3	0
UT636	120	Redcreek cobbly loam, 15 to 50 percent slopes	0.14	0.27	0.42	14.64	0.12	0
UT636	121	Riverwash	0.05	0.15	0.41	5.13	0.99	0
UT636	122	Rock outcrop	0.3	0.42	0.48	11.42	0.01	100
UT636	124	Rubble land	0.11	0.24	0.39	8.19	0.19	0
UT636	126	Ruko-Podo complex, 15 to 60 percent slopes	0.18	0.3	0.44	10.42	0.12	5
UT636	127	Schauson loam, 2 to 4 percent slopes	0.14	0.28	0.49	6.9	0.43	0
UT636	128	Schauson loam, 4 to 15 percent slopes	0.14	0.28	0.5	6.59	0.48	0
UT636	129	Sevier-Skutum association, 5 to 35 percent slopes	0.13	0.24	0.48	1.84	0.57	5
UT636	130	Sheege-Swapps complex, 30 to 50 percent slopes	0.15	0.28	0.44	11.26	0.15	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	131	Showalter-Guben complex, dry, 0 to 8 percent slopes	0.13	0.27	0.45	9.84	0.21	0
UT636	132	Shupert silty clay loam, wet, 0 to 1 percent slopes	0.19	0.35	0.48	18.25	0.11	0
UT636	133	Sielo very fine sandy loam, 2 to 12 percent slopes	0.13	0.24	0.43	7.21	0.28	0
UT636	134	Skutum very fine sandy loam, 1 to 6 percent slopes	0.11	0.23	0.49	2.11	0.75	0
UT636	135	Skutum fine sandy loam, 10 to 35 percent slopes	0.11	0.21	0.48	1.33	0.79	5
UT636	136	Swapps gravelly loam, 5 to 25 percent slopes	0.12	0.26	0.44	11.15	0.28	0
UT636	137	Swapps gravelly loam, 25 to 65 percent slopes	0.14	0.27	0.45	11.52	0.23	0
UT636	138	Syrett gravelly loam, 2 to 12 percent slopes	0.15	0.31	0.51	6.19	0.28	5
UT636	139	Syrett-Frandsen association, 1 to 12 percent slopes	0.17	0.31	0.49	7.86	0.21	0
UT636	140	Syrett-Vanet gravelly loams, 20 to 40 percent slopes	0.18	0.33	0.5	8.28	0.17	5
UT636	141	Tebbs sandy loam, 2 to 5 percent slopes	0.07	0.16	0.41	4.58	0.72	0
UT636	142	Tebbs loam, 1 to 2 percent slopes	0.13	0.27	0.42	15.07	0.17	0
UT636	143	Tebbs loam, moist, 1 to 2 percent slopes	0.14	0.28	0.42	16.49	0.16	0
UT636	144	Tolman very cobbly silt loam, 8 to 35 percent slopes	0.15	0.31	0.45	18.76	0.1	1
UT636	145	Tolman-Rock outcrop complex, 25 to 40 percent slopes	0.14	0.28	0.46	10.83	0.19	25
UT636	146	Tridell loam, 2 to 4 percent slopes	0.11	0.25	0.44	10.93	0.34	0
UT636	147	Tridell gravelly loam, moist, 4 to 25 percent slopes	0.13	0.27	0.45	10.59	0.28	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	148	Tridell cobbly loam, 4 to 25 percent slopes	0.1	0.24	0.44	10.5	0.34	0
UT636	149	Tridell moist-Rock outcrop complex, 25 to 50 percent slopes	0.15	0.29	0.44	12.79	0.12	15
UT636	150	Ustic Torrifluvents, occasionally flooded, 2 to 8 percent slopes	0.08	0.17	0.4	5.21	0.58	0
UT636	151	Venture cobbly loam, 4 to 30 percent slopes	0.13	0.27	0.44	12.05	0.19	0
UT636	152	Venture very cobbly silt loam, 4 to 25 percent slopes	0.13	0.29	0.45	16.3	0.14	0
UT636	153	Venture cobbly loam, dry, 8 to 25 percent slopes	0.12	0.26	0.44	11.5	0.22	0
UT636	154	Villy family silty clay loam, 0 to 2 percent slopes	0.2	0.38	0.54	11.82	0.23	0
UT636	155	Waltershow extremely cobbly loam, 8 to 40 percent slopes	0.14	0.28	0.45	12.2	0.14	0
UT636	156	Waltershow extremely cobbly loam, 40 to 60 percent slopes	0.14	0.28	0.45	12.2	0.14	0
UT636	157	Waltershow-Venture-Rock outcrop complex, 4 to 40 percent slopes	0.14	0.27	0.44	12.08	0.16	15
UT636	158	Whiteman very cobbly very fine sandy loam, 1 to 6 percent slopes	0.19	0.33	0.46	12.93	0.09	5
UT636	159	Whiteman-Skutum association, 10 to 70 percent slopes	0.16	0.28	0.47	5.1	0.2	5
UT636	160	Widtsoe gravelly sandy loam, 8 to 40 percent slopes	0.13	0.22	0.43	4.69	0.3	0
UT636	161	Wiggler channery loam, 20 to 50 percent slopes	0.15	0.29	0.43	14.11	0.14	0
UT636	162	Wiggler-Guben complex, 25 to 50 percent slopes	0.14	0.27	0.44	11.5	0.18	3

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT636	163	Wiggler-Rock outcrop-Podo complex, 50 to 70 percent slopes	0.15	0.29	0.42	13.66	0.1	25
UT636	164	Winetti gravelly sandy loam, 2 to 7 percent slopes	0.1	0.2	0.44	3.18	0.6	0
UT636	165	Winnemucca-Hoodle association, 5 to 30 percent slopes	0.13	0.27	0.47	8.77	0.36	0
UT636	166	Yarts loam, 1 to 2 percent slopes	0.09	0.22	0.41	12.47	0.36	0
UT636	167	Yarts sandy loam, 2 to 5 percent slopes	0.1	0.19	0.4	5.6	0.44	0
UT636	168	Yarts sandy loam, 5 to 10 percent slopes	0.1	0.19	0.4	5.6	0.44	0
UT636	169	Yenlo loam, 2 to 8 percent slopes	0.18	0.32	0.44	14.8	0.08	0
UT636	170	Zillion very cobbly loam, 5 to 25 percent slopes	0.15	0.29	0.46	10.15	0.18	0
UT636	171	Zinzer loam, 3 to 15 percent slopes	0.14	0.28	0.44	12.75	0.2	0
UT636	172	Zyme very cobbly loam, 30 to 60 percent slopes	0.25	0.38	0.46	15.04	0.03	0
UT636	173	Zyme-Lazear-Rock outcrop complex, 8 to 60 percent slopes	0.19	0.3	0.44	9.67	0.07	15
UT636	174	Water	0.3	0.42	0.48	11.42	0.01	100
UT636	175	Pits, gravel	0.02	0.06	0.42	0.24	1.4	0
UT636	176	Pits, borrow	0.06	0.14	0.38	2.97	0.74	0
UT636	177	Miscellaneous water	0.3	0.42	0.48	11.42	0.01	100
UT641	1898	Quazo-Motoqua very gravelly sandy loams, 30 to 70 percent slopes	0.15	0.25	0.41	8.24	0.11	0
UT641	1922	Quazo-Motoqua-Rock outcrop association	0.15	0.25	0.41	8.12	0.12	20
UT641	BA	Badland	0.11	0.24	0.39	8.19	0.19	0
UT641	BB	Badland, very steep	0.11	0.24	0.39	8.19	0.19	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT641	BED	Bermesa fine sandy loam, 1 to 10 percent slopes	0.06	0.14	0.42	2.49	0.98	0
UT641	BF	Bermesa-Rock land association	0.05	0.13	0.42	0.85	1.12	0
UT641	BOD	Bond sandy loam, 1 to 10 percent slopes	0.17	0.27	0.41	9.6	0.09	0
UT641	BP	Borrow pits	0.06	0.14	0.38	2.97	0.74	0
UT641	CaD	Caval fine sandy loam, 2 to 10 percent slopes	0.08	0.17	0.42	3.32	0.78	0
UT641	CEF	Cave very gravelly sandy loam, 7 to 30 percent slopes	0.1	0.18	0.41	4.5	0.36	0
UT641	CFD	Cave very gravelly sandy loam, low rainfall, 2 to 7 percent slopes	0.1	0.18	0.41	4.5	0.36	0
UT641	CHF	Chilton gravelly loam, 5 to 30 percent slopes	0.1	0.23	0.42	12.37	0.27	0
UT641	CI	Cinder land	0.02	0.06	0.41	0.29	2	0
UT641	CoC	Clovis fine sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	4.13	0.56	0
UT641	CPD	Clovis-Pastura complex, 1 to 10 percent slopes	0.11	0.2	0.4	6.49	0.34	0
UT641	CRF	Collbran very cobbly clay loam, 2 to 30 percent slopes	0.2	0.34	0.48	11.91	0.09	0
UT641	CSE	Curhollow very gravelly fine sandy loam, 2 to 10 percent slopes	0.06	0.14	0.43	2.24	0.74	0
UT641	CUF	Curhollow-Rock outcrop complex, 10 to 30 percent slopes	0.06	0.14	0.43	2.24	0.74	15
UT641	DAG	Dagflat-Motoqua complex, 30 to 70 percent slopes	0.11	0.21	0.43	5.56	0.33	0
UT641	DBD	Dalcan cobbly loam, 0 to 15 percent slopes	0.15	0.28	0.45	12.46	0.15	0
UT641	DKG	Detra-Kolob complex, 20 to 50 percent slopes	0.13	0.27	0.48	4.34	0.41	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT641	DrB	Draper loam, 2 to 5 percent slopes	0.15	0.3	0.47	10.27	0.28	0
UT641	DU	Dune land	0.02	0.08	0.41	1.06	1.9	0
UT641	EA	Eroded land-Shalet complex	0.11	0.21	0.4	5.6	0.31	0
UT641	EB	Eroded land-Shalet complex, warm	0.08	0.18	0.39	4.22	0.46	0
UT641	FA	Fluvaquents and torrifluvents, sandy	0.01	0.06	0.43	1.08	1.95	0
UT641	GA	Gullied land	0.15	0.28	0.41	16.35	0.13	0
UT641	GP	Gravel pits	0.02	0.06	0.41	0.29	2	0
UT641	Ha	Hantz silty clay loam	0.19	0.35	0.45	23.48	0.06	0
UT641	HbC	Harrisburg fine sandy loam, 1 to 5 percent slopes	0.03	0.13	0.4	4.59	1.16	0
UT641	HD	Harrisburg-Rock land association	0.05	0.14	0.4	4.86	0.89	0
UT641	HG	Hobog-Rock land association	0.1	0.22	0.4	9.6	0.22	0
UT641	IAF	Isom cobbly sandy loam, 3 to 30 percent slopes	0.05	0.14	0.41	3.51	0.62	0
UT641	Ib	Ivins loamy fine sand	0.01	0.08	0.42	0.22	2	0
UT641	Ic	Ivins loamy fine sand, hummocky	0.01	0.08	0.42	0.22	2	0
UT641	JaB	Junction fine sandy loam, 1 to 2 percent slopes	0.05	0.13	0.41	2.99	1.04	0
UT641	JaC	Junction fine sandy loam, 2 to 5 percent slopes	0.05	0.13	0.41	2.99	1.04	0
UT641	KAE	Kinesava fine sandy loam, 15 to 25 percent slopes	0.09	0.17	0.43	2.25	0.87	0
UT641	KBD	Kinesava-Detra fine sandy loams, 2 to 15 percent slopes	0.1	0.19	0.45	1.92	0.83	0
UT641	KCE	Kinesava complex, 2 to 30 percent slopes	0.13	0.27	0.47	7.52	0.4	0
UT641	KD	Kolob-Detra association	0.12	0.21	0.46	2.1	0.68	0
UT641	KHC	Kolob-Hogg complex, 2 to 8 percent slopes	0.12	0.21	0.45	2.52	0.61	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT641	KLG	Kolob-Paunsaugunt complex, 20 to 60 percent slopes	0.13	0.26	0.48	4.62	0.42	0
UT641	LA	Lava flows	0.3	0.42	0.48	11.42	0.01	100
UT641	Lb	Lavate sandy loam	0.08	0.17	0.42	3.81	0.69	0
UT641	LcB	Laverkin fine sandy loam, 1 to 2 percent slopes	0.05	0.13	0.41	3.02	1.07	0
UT641	LcC	Laverkin fine sandy loam, 2 to 5 percent slopes	0.05	0.13	0.41	2.99	1.07	0
UT641	LdB	Laverkin silty clay loam, 1 to 2 percent slopes	0.19	0.35	0.45	23.48	0.06	0
UT641	LeA	Leeds silty clay loam, 0 to 1 percent slopes	0.19	0.35	0.47	20.54	0.09	0
UT641	LeB	Leeds silty clay loam, 1 to 2 percent slopes	0.19	0.35	0.47	20.54	0.09	0
UT641	LeD	Leeds silty clay loam, 5 to 10 percent slopes	0.19	0.35	0.47	20.54	0.09	0
UT641	MAE	Magotsu-Pastura complex, 2 to 20 percent slopes	0.17	0.31	0.43	15.71	0.08	0
UT641	MBG	Mathis-Rock outcrop complex, 20 to 50 percent slopes	0.02	0.08	0.41	0.63	1.3	20
UT641	MEG	Menefee-Rock outcrop complex, 25 to 60 percent slopes	0.14	0.3	0.42	26.34	0.09	25
UT641	MFD	Mespun fine sand, 0 to 10 percent slopes	0.01	0.04	0.44	0.05	2	0
UT641	MMG	Motoqua-Mokiak very cobbly sandy loams, 30 to 70 percent slopes	0.09	0.2	0.44	4.74	0.45	0
UT641	MOG	Motoqua-Rock outcrop complex, 30 to 70 precent slopes	0.11	0.24	0.44	10.52	0.28	15
UT641	NaC	Naplene silt loam, 2 to 6 percent slopes	0.14	0.34	0.46	32.25	0.1	0
UT641	NEF	Nehar very stony sandy loam, 3 to 30 percent slopes	0.05	0.14	0.41	3.51	0.54	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT641	NIF	Nehar-Ildefonso complex, 3 to 30 percent slopes	0.07	0.16	0.41	3.82	0.47	0
UT641	NkC	Nikey sandy loam, 1 to 3 percent slopes	0.05	0.14	0.41	3.51	0.94	0
UT641	NLE	Nikey sandy loam, 3 to 15 percent slopes	0.05	0.14	0.41	3.51	0.94	0
UT641	NME	Nikey very stony sandy loam, 2 to 15 percent slopes	0.05	0.14	0.41	3.51	0.66	0
UT641	NNE	Nikey-Isom complex, 3 to 30 percent slopes	0.05	0.14	0.41	3.55	0.79	0
UT641	PAC	Palma loamy fine sand, 1 to 5 percent slopes	0.03	0.1	0.42	0.83	1.71	0
UT641	PbC	Palma fine sandy loam, 1 to 5 percent slopes	0.04	0.13	0.41	4.24	1.24	0
UT641	PcC	Pastura loam, 2 to 5 percent slopes	0.14	0.27	0.41	16.04	0.12	0
UT641	PED	Pastura-Esplin complex, 0 to 10 percent slopes	0.14	0.27	0.42	15	0.15	0
UT641	PFG	Paunsaugunt gravelly silt loam, 30 to 50 percent slopes	0.15	0.34	0.52	11.52	0.28	0
UT641	PG	Paunsaugunt-Kolob association	0.14	0.3	0.5	7.11	0.35	0
UT641	PKE	Paunsaugunt-Rock outcrop complex, 2 to 30 percent slopes	0.18	0.35	0.5	15.87	0.12	15
UT641	PnC	Pintura loamy fine sand, 1 to 5 percent slopes	0.03	0.1	0.4	1.63	1.46	0
UT641	PoD	Pintura loamy fine sand, hummocky, 1 to 10 percent slopes	0.03	0.1	0.4	1.63	1.46	0
UT641	PTE	Pintura-Toquerville complex, 1 to 20 percent slopes	0.02	0.07	0.42	2.03	1.68	0
UT641	QMG	Quazo-Motoqua very gravelly sandy loams, 30 to 70 percent slopes	0.12	0.24	0.42	8.7	0.2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT641	RaC	Redbank fine sandy loam, 1 to 5 percent slopes	0.09	0.17	0.4	3.76	0.63	0
UT641	RbA	Redbank silty clay loam, 0 to 2 percent slopes	0.19	0.35	0.45	23.48	0.06	0
UT641	RE	Renbac-Rock land association	0.22	0.34	0.45	12.27	0.03	0
UT641	RI	Riverwash	0.03	0.12	0.39	4.54	1.19	0
UT641	RO	Rock land	0.11	0.2	0.4	6.2	0.28	0
UT641	RP	Rock land, stony	0.11	0.2	0.4	6.2	0.28	0
UT641	RR	Rock land-Hobog association	0.15	0.27	0.42	10.49	0.09	0
UT641	RT	Rock outcrop	0.3	0.42	0.48	11.42	0.01	100
UT641	RU	Rough broken land	0.12	0.21	0.4	6.31	0.27	0
UT641	Sa	St. George silt loam	0.14	0.34	0.48	25.59	0.16	0
UT641	Sb	St. George silt loam, strongly saline	0.09	0.28	0.44	25.31	0.26	0
UT641	Sc	St. George silty clay loam	0.19	0.37	0.5	21.76	0.11	0
UT641	Sd	St. George silty clay loam, moderately saline	0.19	0.37	0.5	21.76	0.11	0
UT641	Se	St. George silty clay loam, shallow water table	0.19	0.37	0.5	21.76	0.11	0
UT641	SH	Schmutz loam	0.13	0.26	0.43	13.39	0.23	0
UT641	SPD	Spenlo very fine sandy loam, 2 to 10 percent slopes	0.06	0.15	0.42	3.47	1.04	0
UT641	SrC	Springerville clay, 0 to 5 percent slopes	0.27	0.4	0.48	15.73	0.02	0
UT641	SY	Stony colluvial land	0.05	0.28	0.37	10.03	0.08	0
UT641	TAG	Tacan very stony sandy loam, 30 to 70 percent slopes	0.07	0.16	0.45	1.42	0.72	0
UT641	TBF	Tobish very cobbly clay loam, 5 to 30 percent slopes	0.19	0.32	0.43	16.63	0.04	0
UT641	Tc	Tobler fine sandy loam	0.09	0.17	0.4	3.76	0.61	0
UT641	Td	Tobler silty clay loam	0.19	0.35	0.45	23.48	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT641	TG	Tortugas-Rock land association	0.13	0.25	0.42	10.91	0.17	0
UT641	VeA	Vekol sandy loam, 0 to 2 percent slopes	0.11	0.19	0.39	5.4	0.38	0
UT641	VFD	Vekol sandy loam, 2 to 10 percent slopes	0.11	0.19	0.39	5.4	0.38	0
UT641	VHD	Veyo-Curhollow complex, 3 to 10 percent slopes	0.14	0.26	0.44	7.11	0.13	0
UT641	VPD	Veyo-Pastura complex, 1 to 10 percent slopes	0.18	0.31	0.43	15.74	0.07	0
UT641	W	Water	0.3	0.42	0.48	11.42	0.01	100
UT641	WAG	Welring-Tortugas very gravelly loams, 20 to 70 percent slopes	0.13	0.26	0.43	13.39	0.15	0
UT641	WBD	Winkel gravelly fine sandy loam, 1 to 8 percent slopes	0.05	0.13	0.4	3.24	0.86	0
UT641	WCF	Winkel-Rock outcrop complex, 8 to 30 percent slopes	0.05	0.13	0.4	3.24	0.86	25
UT641	YAF	Yaki very cobbly loam, 3 to 35 percent slopes	0.12	0.25	0.41	15.17	0.1	0
UT641	YZE	Yaki-Zukan complex, 1 to 35 percent slopes	0.11	0.23	0.4	10.69	0.19	0
UT686	5001	Mido loamy fine sand, 2 to 15 percent slopes	0.02	0.08	0.42	0.45	2	0
UT686	5002	Dune land	0	0.03	0.43	0.08	2	0
UT686	5003	Milok, cool-Barx, dry complex, 1 to 5 percent slopes	0.08	0.16	0.42	3.06	0.87	0
UT686	5004	Rock outcrop, Navajo Sandstone	0.3	0.42	0.48	11.42	0.01	90
UT686	5006	Milok fine sandy loam, cool, 2 to 8 percent slopes	0.09	0.17	0.42	2.81	0.76	0
UT686	5007	Rock outcrop, Navajo Sandstone-Nalcase complex, 2 to 30 percent slopes	0	0.05	0.43	2.68	2	65

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5008	Simel complex, 2 to 60 percent slopes	0.2	0.36	0.46	21.56	0.06	0
UT686	5009	Wayneco sandy loam, dry, 2 to 15 percent slopes	0.06	0.15	0.43	2.69	1.06	0
UT686	5010	Retsabal-Lemrac complex, 2 to 60 percent slopes	0.08	0.18	0.39	7.81	0.46	0
UT686	5011	Badland, Carmel Formation-Rizno, cool-Nonip complex, 5 to 25 percent slopes	0.13	0.26	0.41	15.09	0.14	0
UT686	5012	Santrick-Nalcase-Bispen complex, 2 to 30 percent slopes	0.02	0.07	0.43	1.54	1.86	0
UT686	5013	Mido-Yarts complex, 2 to 15 percent slopes	0.02	0.07	0.43	1.88	1.83	0
UT686	5015	Mespun fine sand, 2 to 15 percent slopes	0.01	0.05	0.44	2.68	2	0
UT686	5017	Skos, dry-Mido-Arches, dry complex, 2 to 15 percent slopes	0.03	0.08	0.43	0.85	1.69	0
UT686	5018	Skos channery loam, dry, 5 to 30 percent slopes	0.15	0.29	0.43	14.59	0.09	0
UT686	5019	Skos, dry, Rock outcrop, Carmel Formation-Arches, dry complex, 15 to 60 percent slopes	0.1	0.21	0.43	8.66	0.26	30
UT686	5020	Rock outcrop, Navajo Sandstone-Mespun-Nalcase complex, 2 to 30 percent slopes	0.02	0.05	0.43	0.34	2	40
UT686	5021	Milok-Anasazi, complex, cool 2 to 8 percent slopes	0.08	0.18	0.43	3.38	0.77	0
UT686	5023	Tsaya channery loam, 5 to 25 percent slopes	0.14	0.27	0.42	14.97	0.14	0
UT686	5025	Yarts sandy loam, 2 to 8 percent slopes	0.09	0.18	0.4	4.97	0.53	0
UT686	5026	Rock outcrop, Entrada and Carmel Formation	0.3	0.42	0.48	11.42	0.01	95

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5027	Badland, Tropic Formation Shale-Cannonville-Rock outcrop, Dakota Formation complex, 30 to 50 percent slopes	0.29	0.43	0.5	14.67	0.03	15
UT686	5028	Badland, Entrada Formation	0.11	0.24	0.39	8.19	0.19	0
UT686	5029	Rock outcrop, Straight Cliffs Formation-Atchee family, steep-Chilton family complex, 50 to 80 percent slopes	0.07	0.16	0.42	3.24	0.54	40
UT686	5030	Catahoula-Clapper, dry complex, 15 to 60 percent slopes	0.11	0.2	0.41	5.02	0.29	0
UT686	5031	Moclom-Rock outcrop, Morrison Formation, complex, 2 to 15 percent slopes	0.01	0.05	0.45	2.68	2	30
UT686	5032	Remorris-Kenzo, steep-Rock outcrop, Morrison and Entrada Formations, complex, 30 to 60 percent slopes	0.15	0.29	0.45	11.1	0.16	25
UT686	5033	Yarts fine sandy loam, 15 to 40 percent slopes, eroded	0.08	0.16	0.41	2.86	0.8	0
UT686	5034	Nonip very channery loam, 5 to 25 percent slopes	0.16	0.29	0.43	14.94	0.08	0
UT686	5035	Earlweed-Mido complex, 2 to 30 percent slopes	0.01	0.05	0.43	2.68	2	0
UT686	5037	Barx fine sandy loam, 2 to 10 percent slopes	0.1	0.19	0.43	3.14	0.64	0
UT686	5038	Mido-Rock outcrop, Entrada Formation, complex, 5 to 40 percent slopes	0.01	0.05	0.44	2.68	2	20
UT686	5040	Sazi-Milok, cool complex, 2 to 30 percent slopes	0.1	0.18	0.42	2.94	0.71	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5041	Seeg, warm-Pagina complex, 2 to 15 percent slopes	0.05	0.1	0.41	0.52	1.17	0
UT686	5042	Moenkopie, warm-Moepitz-Rock outcrop, Carmel Formation, complex, 10 to 30 percent slopes	0.03	0.09	0.42	0.66	1.77	25
UT686	5043	Daklos, steep-Rock outcrop, Morrison Formation and Romana Mesa Sandstone, complex, 30 to 70 percent slopes	0.08	0.16	0.42	2.65	0.48	40
UT686	5044	Dient very stony loam, 15 to 50 percent slopes	0.11	0.24	0.41	14.13	0.15	0
UT686	5046	Moffat-Sheppard-Nakai complex, 2 to 30 percent slopes	0.06	0.12	0.41	1.32	1.15	0
UT686	5047	Moffat-Seeg, warm-Mack, moist complex, 2 to 15 percent slopes	0.05	0.11	0.41	0.8	1.29	0
UT686	5049	Moffat-Mack, moist complex, 1 to 5 percent slopes	0.04	0.1	0.41	0.79	1.48	0
UT686	5050	Daklos-Arches, dry complex, 2 to 15 percent slopes	0.08	0.17	0.44	6.28	0.62	0
UT686	5052	Yarts-Suwanee complex, 1 to 8 percent slopes	0.13	0.25	0.45	6.95	0.33	0
UT686	5053	Milok fine sand, 2 to 8 percent slopes	0.03	0.07	0.43	2.68	2	0
UT686	5055	Mivida-Barx, dry complex, 1 to 8 percent slopes	0.09	0.17	0.42	3.14	0.71	0
UT686	5057	Arches, dry-Mident-Yarts complex, 2 to 40 percent slopes	0.03	0.08	0.44	1.46	1.9	0
UT686	5058	Earlweed-Mivida complex, 2 to 20 percent slopes	0.06	0.13	0.42	1.52	1.15	0
UT686	5059	Mivida-Yarts, moist complex, 2 to 8 percent slopes	0.06	0.15	0.43	2.93	1.07	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5060	Ranion-Suzipon-Rock outcrop, Navajo Sandstone, complex, 2 to 30 percent slopes	0.02	0.08	0.42	0.39	1.95	20
UT686	5061	Rock outcrop, Navajo Sandstone-Suzipon-Peekaboo complex, 2 to 30 percent slopes	0.03	0.1	0.41	0.89	1.6	50
UT686	5062	Peekaboo-Spooky-Suzipon complex, 2 to 15 percent slopes	0.02	0.09	0.42	0.42	1.94	0
UT686	5063	Rock outcrop Navajo and Carmel Formations-Moenkopie, warm-Needle complex, 15 to 35 percent slopes	0.07	0.18	0.41	3.95	0.55	40
UT686	5065	Trail-Sheppard complex, 2 to 10 percent slopes	0.03	0.09	0.43	1.96	1.82	0
UT686	5067	Ranion-Peekaboo complex, 2 to 20 percent slopes	0.03	0.1	0.42	0.77	1.62	0
UT686	5068	Seeg, warm-Moffat-Needle complex, 2 to 25 percent slopes	0.02	0.09	0.42	0.54	1.96	0
UT686	5069	Rock outcrop, Entrada Formation-Nepalto, moist complex, 2 to 8 percent slopes	0.05	0.1	0.41	0.63	1.01	60
UT686	5071	Somorent-Rock outcrop, Morrison Formation, complex, 15 to 40 percent slopes	0.09	0.17	0.4	4.56	0.58	40
UT686	5073	Kenzo-Nalcase complex, 2 to 15 percent slopes	0.04	0.1	0.43	0.85	1.64	0
UT686	5074	Evpark-Vessilla complex, 2 to 15 percent slopes	0.08	0.17	0.43	2.7	0.89	0
UT686	5075	Shalona sandy loam, 2 to 8 percent slopes	0.1	0.19	0.46	1.9	0.92	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5076	Daklos-Catahoula complex, 2 to 30 percent slopes	0.13	0.23	0.42	7.25	0.24	0
UT686	5077	Gompers family-Rock outcrop, Straight Cliffs Formation-Sheecal family complex, 50 to 80 percent slopes	0.12	0.24	0.45	6.52	0.27	30
UT686	5078	Arabrab-Vessilla-Colskel complex, 2 to 15 percent slopes	0.1	0.2	0.43	5.98	0.47	0
UT686	5079	Colskel-Arabrab-Vessilla complex, 15 to 50 percent slopes	0.11	0.22	0.44	5.54	0.34	0
UT686	5080	Moffat-Moepitz complex, 2 to 25 percent slopes	0.08	0.17	0.4	4.7	0.61	0
UT686	5081	Badland and Rock outcrop, Straight Cliffs and Wahweap Formations-Kydestea family complex, 50 to 80 percent slopes	0.12	0.25	0.41	8.97	0.17	30
UT686	5082	Colskel-Menefee-Arabrab complex, 2 to 15 percent slopes	0.14	0.27	0.45	8.24	0.24	0
UT686	5083	Colskel-Menefee complex, 15 to 50 percent slopes	0.14	0.27	0.44	12.73	0.15	0
UT686	5085	Hillburn very channery loam, 10 to 70 percent slopes	0.14	0.28	0.42	14.79	0.1	0
UT686	5086	Mespun-Bispen-Santrick complex, 2 to 15 percent slopes	0	0.04	0.44	2.68	2	0
UT686	5087	Kenzo, steep-Rock outcrop (Kayenta Formation) complex, 15 to 50 percent slopes	0.06	0.12	0.43	0.49	1.01	25
UT686	5088	Calcree-Bowington-Mespun complex, 0 to 20 percent slopes	0.02	0.06	0.45	2.3	2	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5089	Bowington-Mespun complex, 0 to 15 percent slopes	0.02	0.05	0.45	1.86	2	0
UT686	5090	Baldfield clay, saline, 2 to 8 percent slopes	0.27	0.4	0.48	15.73	0.02	0
UT686	5091	Brumley fine sandy loam, 2 to 8 percent slopes	0.08	0.17	0.44	2.38	0.93	0
UT686	5092	Rock outcrop, Navajo Formation-Navigon complex, 30 to 60 percent slopes	0.03	0.06	0.45	3.11	1.54	50
UT686	5093	Robay-Strell complex, 5 to 30 percent slopes	0.03	0.08	0.47	2.68	1.98	0
UT686	5094	Aridic Ustorthents-Yatne complex, 15 to 70 percent slopes	0.15	0.29	0.45	11.6	0.15	0
UT686	5095	Daklos-Hideout-Rock outcrop, Straight Cliffs Formation, complex, 2 to 15 percent slopes	0.11	0.22	0.43	6.7	0.34	15
UT686	5096	Daklos, steep-Rock outcrop, Straight Cliffs Formation, complex, 15 to 50 percent slopes	0.11	0.2	0.42	5.06	0.25	15
UT686	5097	Skyvillage-Daklos, saline-Rock outcrop, Wahweap Formation, complex, 2 to 15 percent slopes	0.1	0.19	0.42	3.7	0.54	15
UT686	5098	Daklos, saline-Skyvillage, saline-Cannonville complex, 15 to 50 percent slopes	0.11	0.2	0.43	4.22	0.35	0
UT686	5100	Rock outcrop, Wingate Formation-Arches, dry complex, 2 to 10 percent slopes	0.09	0.17	0.4	3.76	0.63	75
UT686	5101	Polychrome family-Badland, Chinle Formation-Gaddes family complex, 15 to 60 percent slopes	0.11	0.2	0.46	5.41	0.38	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5102	Chinchin-Badland, chinle Formation, complex, 25 to 50 percent slopes	0.24	0.37	0.49	10.65	0.07	0
UT686	5103	Barx-Remorris complex, 5 to 45 percent slopes	0.1	0.19	0.42	4.04	0.49	0
UT686	5104	Rock outcrop, Shinarump Conglomerate-Hideout complex, 5 to 50 percent slopes	0.07	0.13	0.42	0.72	0.63	75
UT686	5105	Atchee-Lazear, dry-Rock outcrop, Shinarump Conglomerate, complex, 5 to 60 percent slopes	0.14	0.24	0.43	7.36	0.18	15
UT686	5106	Hillburn, dry-Badland, Moenkopi Formation, complex, 25 to 60 percent slopes	0.12	0.28	0.41	18.27	0.1	0
UT686	5107	Simel-Hillburn, dry complex, 5 to 45 percent slopes	0.16	0.33	0.45	19.71	0.07	0
UT686	5108	Hillburn, dry-Rock outcrop, Moenkopi Formation, complex, 10 to 60 percent slopes	0.16	0.33	0.44	24.78	0.05	25
UT686	5109	Nonip, dry-Rock outcrop, Moenkopi Formation, complex, 15 to 50 percent slopes	0.13	0.26	0.41	14.57	0.13	20
UT686	5110	Reef very channery sandy loam, 5 to 25 percent slopes	0.1	0.23	0.41	13.62	0.17	0
UT686	5111	Nonip extremely channery sandy loam, dry, 5 to 50 percent slopes	0.19	0.31	0.42	13.03	0.06	0
UT686	5112	Barx-Radnik, moist-Progresso, dry complex, 2 to 8 percent slopes	0.08	0.17	0.42	3.01	0.8	0
UT686	5114	Meriwhitica, moist-Mellenthin complex, 5 to 15 percent slopes	0.12	0.25	0.41	14.06	0.13	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5115	Sanostee, warm-Daklos-Hideout complex, 2 to 15 percent slopes	0.09	0.18	0.43	2.98	0.62	0
UT686	5116	Stent-Minchey complex, 2 to 15 percent slopes	0.1	0.18	0.4	4.35	0.41	0
UT686	5117	Sheppard-Badland, Carmel and Entrada Formations, complex, 5 to 30 percent slopes	0.06	0.14	0.41	1.99	0.82	0
UT686	5118	Mido-Kenzo-Rock outcrop, Carmel Formation, complex, 2 to 30 percent slopes	0.05	0.15	0.41	2.7	0.83	15
UT686	5120	Pinepoint-Flatnose complex, 2 to 8 percent slopes	0.05	0.11	0.45	2.75	1.87	0
UT686	5121	Trail-Riverwash complex, 0 to 5 percent slopes	0.03	0.1	0.41	1.38	1.6	0
UT686	5122	Mido-Mivida complex, 2 to 15 percent slopes	0.03	0.07	0.43	1.39	1.78	0
UT686	5123	Billings-Jocity, saline complex, 0 to 8 percent slopes	0.17	0.31	0.44	15.77	0.1	0
UT686	5125	Clapper very gravelly loam, 2 to 15 percent slopes	0.13	0.27	0.43	13.4	0.14	0
UT686	5126	Pinepoint-Parkwash complex, 2 to 15 percent slopes	0.05	0.09	0.46	2.68	2	0
UT686	5127	Skyvillage-Mikim-Badland, Kaiparowits Formation, complex, 2 to 15 percent slopes	0.08	0.16	0.42	1.27	0.77	0
UT686	5128	Curecanti-Zibetod families complex, 30 to 70 percent slopes	0.15	0.29	0.45	11.7	0.23	0
UT686	5129	Skyvillage-Rock outcrop, Wahweap Formation, complex, 2 to 15 percent slopes	0.05	0.14	0.41	3.51	1.03	35

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5130	Progresso-Begay, dry complex, 1 to 8 percent slopes	0.13	0.22	0.41	4	0.3	0
UT686	5131	Badland, Kaiparowits Formation-Lazear, steep complex, 15 to 60 percent slopes	0.09	0.16	0.39	2.63	0.48	0
UT686	5132	Strych-Horsemountain-Barx complex, 2 to 15 percent slopes	0.09	0.18	0.41	3.87	0.55	0
UT686	5133	Menefee-Badland, Kaiparowits Formation, complex, 5 to 30 percent slopes	0.11	0.21	0.43	4.63	0.48	0
UT686	5136	Suzmayne-Colskel-Rock outcrop, Straight Cliffs Formation, complex, 10 to 40 percent slopes	0.13	0.26	0.42	13.78	0.15	15
UT686	5137	Casmos-Pariette families-Rock outcrop, Dakota and Morrison Formation, complex, 2 to 30 percent slopes	0.11	0.21	0.41	7.67	0.29	15
UT686	5138	Nakai-Sheppard complex, 2 to 15 percent slopes	0.01	0.05	0.44	2.68	2	0
UT686	5139	Hetz sandy loam, 0 to 3 percent slopes	0.16	0.28	0.56	4.7	0.99	0
UT686	5140	Green River-Radnik, moist-Suwanee, saline complex, 0 to 5 percent slopes	0.11	0.21	0.43	4.62	0.44	0
UT686	5141	Radnik, moist-Suwanee, saline-Escavada complex, 0 to 8 percent slopes	0.09	0.18	0.43	3.31	0.65	0
UT686	5142	Alvey-Atrac complex, 1 to 15 percent slopes	0.13	0.23	0.41	6.96	0.29	0
UT686	5143	Elias-Mikim complex, 1 to 7 percent slopes	0.15	0.26	0.44	7.66	0.21	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5144	Tsaya-Rock outcrop, Straight Cliffs Formation, complex, 10 to 60 percent slopes	0.15	0.28	0.41	16.35	0.08	25
UT686	5146	Moffat-Pagina-Sheppard complex, 2 to 20 percent slopes	0.05	0.1	0.41	0.94	1.46	0
UT686	5149	Tsaya, saline-Rock outcrop, Straight Cliffs Formation-Lithic Torriorthents complex, 50 to 80 percent slopes	0.16	0.3	0.42	17.22	0.07	30
UT686	5150	Chipeta-Hanksville-Badland, Tropic Shale, complex, 2 to 30 percent slopes	0.23	0.38	0.47	19.8	0.04	0
UT686	5151	Pinepoint, dry-Tenneycanyon-Parkwash complex, 2 to 25 percent slopes	0.04	0.1	0.46	1.19	1.87	0
UT686	5154	Dient-Crotoncanyon complex, 15 to 50 percent slopes	0.16	0.27	0.41	10.05	0.11	0
UT686	5155	Sanostee, warm-Milok-Lazear, warm complex, 2 to 15 percent slopes	0.06	0.14	0.43	2.13	1.16	0
UT686	5156	Daklos, steep-Fourmilebench complex, 15 to 50 percent slopes	0.13	0.24	0.4	11.4	0.1	0
UT686	5157	Daklos family-Rock outcrop, Wahweap Formation, complex, 50 to 80 percent slopes	0.13	0.26	0.43	12.37	0.15	35
UT686	5158	Mellenthin, moist-Rock outcrop, Moenkopi Formation, complex, 25 to 60 percent slopes	0.12	0.25	0.43	12.33	0.16	40
UT686	5159	Mellenthin, moist-Bowdish complex, 2 to 30 percent slopes	0.13	0.26	0.43	12.67	0.15	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5160	Timpoweap-Evpark-Atarque complex, 2 to 15 percent slopes	0.08	0.19	0.42	5.86	0.58	0
UT686	5163	Horsemountain fine sandy loam, moist, 2 to 8 percent slopes	0.11	0.19	0.42	3.91	0.53	0
UT686	5164	Badland, Chinle Formation	0.34	0.46	0.56	7.83	0.03	0
UT686	5166	Hillburn, dry-Sazi, moist complex, 2 to 30 percent slopes	0.09	0.2	0.42	2.91	0.34	0
UT686	5167	Progresso, cool-Atchee family complex, 2 to 15 percent slopes	0.12	0.22	0.42	5.62	0.33	0
UT686	5169	Lazear, steep-Simel-Rock outcrop, Carmel Formation, complex, 20 to 60 percent slopes	0.13	0.24	0.42	7.66	0.2	20
UT686	5170	Lemrac-Simel-Humbug, moist complex, 2 to 20 percent slopes	0.13	0.27	0.43	13.73	0.22	0
UT686	5171	Kenzo-Retsabal-Progresso, cool complex, 2 to 30 percent slopes	0.13	0.26	0.42	13.39	0.22	0
UT686	5172	Ruinpoint-Barx complex, 2 to 8 percent slopes	0.15	0.3	0.43	18.17	0.11	0
UT686	5173	Simel-Strych, moist-Kenzo complex, 2 to 20 percent slopes	0.14	0.28	0.43	12.73	0.15	0
UT686	5174	Strych-Sazi, moist complex, 15 to 50 percent slopes	0.08	0.17	0.42	3.39	0.55	0
UT686	5180	Pinepoint-Rock outcrop, Navajo Sandstone-Parkwash complex, 15 to 50 percent slopes	0.05	0.1	0.45	0.47	1.86	30
UT686	5181	Parkelei-Plumasano, moist-Pinepoint complex, 2 to 15 percent slopes	0.07	0.15	0.45	0.16	1.27	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5182	Arabrab-Colskel-Rock outcrop, Carmel Formation, complex, 15 to 50 percent slopes	0.09	0.17	0.44	0.19	0.73	20
UT686	5183	Parkwash-Rock outcrop, Navajo Sandstone-Vessilla complex, 30 to 65 percent slopes	0.09	0.2	0.45	0.39	0.7	30
UT686	5185	Nomrah-Upler complex, 2 to 15 percent slopes	0.11	0.23	0.45	6.05	0.42	0
UT686	5186	Bodot, cool-Sili complex, 2 to 8 percent slopes	0.25	0.4	0.5	17.89	0.05	0
UT686	5187	Zigzag-Aridic Ustorthents complex, 15 to 70 percent slopes	0.19	0.32	0.46	12.44	0.11	0
UT686	5188	Frandsen loam, 1 to 15 percent slopes	0.13	0.27	0.44	11.65	0.28	0
UT686	5189	Widtsoe-Emlin complex, 5 to 25 percent slopes	0.12	0.23	0.43	6.51	0.36	0
UT686	5190	Podo-Rock outcrop, Straight Cliffs and Wahweap Formations, complex, 15 to 50 percent slopes	0.06	0.15	0.4	4.06	0.79	40
UT686	5191	Ruko-Rock outcrop, Straight Cliffs and Wahweap Formations-Podo complex, 30 to 70 percent slopes	0.18	0.3	0.44	11.11	0.11	30
UT686	5192	Gerst family-Cannonville-Rock outcrop,Straight Cliffs and Dakota Formation, complex, 20 to 50 percent slopes	0.18	0.31	0.43	15.8	0.08	15
UT686	5193	Badland, Kaiparowits Formation	0.06	0.11	0.39	1.2	1.01	0
UT686	5195	Henrieville sandy loam, 2 to 8 percent slopes	0.08	0.17	0.44	2.39	1	0
UT686	5198	Bigpack clay loam, 1 to 8 percent slopes	0.19	0.32	0.45	15.44	0.1	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT686	5199	Quagmeier-Parkelei complex, 2 to 30 percent slopes	0.1	0.2	0.44	3.28	0.52	0
UT686	5200	Sojourn family-Retsabal-Colskel complex, 10 to 50 percent slopes	0.13	0.23	0.44	5.1	0.38	0
UT686	5201	Sojourn family-Aridic Ustorthents complex, 15 to 50 percent slopes	0.08	0.14	0.44	0.27	1.21	0
UT686	5203	Wiggler-Curecanti family, cool complex, 25 to 65 percent slopes	0.14	0.28	0.44	12.5	0.13	0
UT686	5205	Curecanti families, cool-Widtsoe complex, 2 to 25 percent slopes	0.15	0.28	0.45	11.36	0.17	0
UT686	5206	Upler cobbly loam, 5 to 50 percent slopes	0.12	0.26	0.45	10.45	0.23	0
UT686	5207	Winetti-Riverwash complex, 2 to 5 percent slopes	0.11	0.24	0.45	7.82	0.43	0
UT686	5210	Elpedro, moist-Flatnose complex, 2 to 8 percent slopes	0.08	0.25	0.46	11.96	0.52	0
UT686	5211	Yarts, moist-Sazi, moist complex, 2 to 8 percent slopes	0.08	0.17	0.42	2.93	0.8	0
UT689	1	Arches-Mido-Rock outcrop complex, 2 to 15 percent slopes	0.02	0.05	0.43	2.68	2	20
UT689	2	Bluechief-Needle complex, 2 to 15 percent slopes	0.02	0.07	0.42	1.56	1.74	0
UT689	3	Claysprings-Badland complex, 2 to 40 percent slopes	0.22	0.35	0.45	12.63	0.04	0
UT689	4	Cowboy clay loam, 3 to 10 percent slopes	0.21	0.33	0.43	14.91	0.05	0
UT689	5	Dient-Claysprings, complex, 5 to 65 percent slopes, bouldery	0.18	0.3	0.42	13.95	0.06	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT689	6	Earlweed-Anasazi complex, 5 to 22 percent slopes	0.05	0.1	0.4	1.1	1.28	0
UT689	7	Farb-Pagina-Rock outcrop complex, 4 to 20 percent slopes, bouldery	0.07	0.15	0.39	5.4	0.67	25
UT689	8	Gladel-Rock outcrop complex, 4 to 22 percent slopes, bouldery	0.07	0.16	0.4	4.28	0.64	30
UT689	9	Goblin very gravelly sandy loam, 6 to 45 percent slopes	0.07	0.13	0.41	1.42	0.68	0
UT689	10	Jaconita family-Atchee complex, 8 to 60 percent slopes, extremely bouldery	0.06	0.13	0.39	1.93	0.54	0
UT689	11	Juanalo family-Rock outcrop complex, 4 to 28 percent slopes, bouldery	0.16	0.3	0.43	16.71	0.1	15
UT689	12	Kydestea-Rock outcrop complex, 15 to 60 percent slopes, very bouldery	0.16	0.26	0.4	9.4	0.1	40
UT689	13	Moenkopie-Rock outcrop complex, 3 to 24 percent slopes	0.1	0.23	0.39	15.51	0.21	30
UT689	14	Moepitz family-Moenkopie-Rock outcrop complex, 12 to 64 percent slopes, extremely bouldery	0.07	0.15	0.39	3.29	0.54	15
UT689	15	Monue-Trail-Nepalto complex, 1 to 6 percent slopes	0.03	0.08	0.42	0.57	1.87	0
UT689	16	Myton very gravelly sandy loam, 5 to 18 percent slopes, very bouldery	0.08	0.15	0.41	2.2	0.53	0
UT689	17	Needle-Sheppard complex, 2 to 12 percent slopes, very rocky	0.03	0.07	0.41	0.11	1.88	0
UT689	18	Oxyaquic Torrifluvents, 1 to 4 percent slopes, occasionally flooded	0.07	0.16	0.39	5.85	0.62	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT689	19	Oxyaquic Torripsamments, 1 to 3 percent slopes, occasionally flooded	0.02	0.09	0.41	0.88	1.9	0
UT689	20	Pagina-Denazar complex, 2 to 14 percent slopes	0.05	0.1	0.4	0.4	1.27	0
UT689	21	Parkelei-Gladel complex, 2 to 12 percent slopes, rocky	0.08	0.17	0.4	6.88	0.57	0
UT689	22	Pennell cobbly loam, 3 to 10 percent slopes	0.1	0.22	0.4	14.25	0.22	0
UT689	23	Razito-Riverwash complex, 1 to 4 percent slopes, rarely flooded	0.02	0.08	0.41	3.38	1.59	0
UT689	24	Redhouse-Epikom families complex, 2 to 14 percent slopes	0.15	0.28	0.41	16.54	0.12	0
UT689	25	Reef-Rock outcrop complex, 2 to 30 percent slopes	0.07	0.13	0.41	1.42	0.57	15
UT689	26	Reef-Rock outcrop complex, 30 to 60 percent slopes, extremely bouldery	0.1	0.23	0.41	12.05	0.19	30
UT689	27	Remorris family-Rock outcrop complex, 4 to 35 percent slopes, gullied	0.1	0.17	0.39	4.96	0.47	10
UT689	28	Rizno-Rock outcrop complex, 1 to 25 percent slopes	0.1	0.18	0.39	4.44	0.43	20
UT689	29	Rizno-Rock outcrop complex, 2 to 15 percent slopes	0.08	0.15	0.38	4.07	0.59	25
UT689	30	Rock outcrop-Arches complex, 2 to 60 percent slopes	0.02	0.05	0.43	2.68	2	60
UT689	31	Rock outcrop-Atchee complex, 24 to 60 percent slopes, extremely bouldery	0.06	0.15	0.4	4.33	0.43	55
UT689	32	Rock outcrop-Needle complex, 2 to 30 percent slopes	0.03	0.07	0.41	0.11	1.88	60

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT689	33	Rock outcrop-Torriorthents complex, 20 to 65 percent slopes, extremely bouldery	0.12	0.25	0.42	13.52	0.18	60
UT689	34	Rock outcrop-Tsaya complex, 15 to 60 percent slopes, extremely bouldery	0.18	0.32	0.43	17.76	0.04	50
UT689	35	Sazi-Rizno complex, 2 to 15 percent slopes	0.05	0.11	0.42	2.2	1.3	0
UT689	36	Seeg gravelly loam, 4 to 24 percent slopes, bouldery	0.15	0.26	0.4	12.86	0.08	0
UT689	37	Sheppard sand, 2 to 15 percent slopes	0.03	0.07	0.41	0.11	1.88	0
UT689	38	Sheppard-Tsaya-Bluechief families complex, 2 to 15 percent slopes	0.05	0.11	0.42	2.61	0.99	0
UT689	39	Somorent family-Rock outcrop complex, 5 to 12 percent slopes	0.11	0.19	0.4	3.92	0.37	10
UT689	40	Torriorthents-Rock outcrop complex, 35 to 70 percent slopes, extremely bouldery	0.09	0.16	0.4	3.19	0.65	40
UT689	41	Torriorthents-Rock outcrop-Badland complex, 4 to 70 percent slopes, extremely bouldery	0.16	0.26	0.4	8.24	0.09	35
UT689	42	Tsaya-Rock outcrop complex, 2 to 18 percent slopes	0.18	0.29	0.41	13.92	0.05	20
UT689	43	Tsaya family-Moenkopie complex, 2 to 15 percent slopes	0.07	0.14	0.39	2.69	0.7	0
UT689	44	Ustic Torriorthents-Rock outcrop-Badland complex, 4 to 54 percent slopes, extremely bouldery	0.1	0.2	0.4	5.43	0.35	30
UT689	45	Water	0.3	0.42	0.48	11.42	0.01	100

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT689	46	Westmion-Rock outcrop complex, 4 to 18 percent slopes, stony	0.27	0.41	0.48	16.59	0.02	25
AZ	s274	Carrizo-Brios-Antho (s274)	0.06	0.14	0.39	3.19	0.59	0
AZ	s275	Rositas-Ripley-Indio-Gilman (s275)	0.11	0.23	0.42	7.79	0.26	0
AZ	s276	Denure-Dateland (s276)	0.1	0.18	0.4	4.39	0.47	0
AZ	s277	Glenbar-Gadsden-Brios (s277)	0.22	0.36	0.47	12.15	0.05	0
AZ	s278	Sasco-Marana-Denure (s278)	0.13	0.25	0.41	11.65	0.2	0
AZ	s279	Yahana-Indio-Gadsden (s279)	0.17	0.31	0.46	13.31	0.14	0
AZ	s280	Pahaka-Mohall-Laveen-Denure (s280)	0.1	0.21	0.41	7.88	0.33	0
AZ	s281	Momoli-Denure-Carrizo (s281)	0.07	0.16	0.4	4.49	0.45	0
AZ	s282	Why-Wellton-Gunsight-Growler-Denure (s282)	0.08	0.17	0.39	5.94	0.43	0
AZ	s283	Mohall-Denure-Coolidge (s283)	0.1	0.2	0.4	7.09	0.35	0
AZ	s284	Mohall-Contine (s284)	0.19	0.32	0.43	16.32	0.07	0
AZ	s285	Yahana-Shontik-Casa Grande (s285)	0.11	0.21	0.41	6.42	0.34	0
AZ	s286	Tremant-Pinamt-Ebon (s286)	0.18	0.3	0.42	13.73	0.05	0
AZ	s287	Suncity-Cipriano-Carefree (s287)	0.16	0.29	0.42	15.44	0.07	0
AZ	s288	Rillito-Gunsight-Denure-Chuckawalla (s288)	0.09	0.17	0.39	5.53	0.28	0
AZ	s289	Hyder-Coolidge-Cipriano-Cherioni (s289)	0.1	0.19	0.39	7.27	0.23	9
AZ	s290	Ligurta-Gunsight-Cristobal (s290)	0.17	0.3	0.42	17.55	0.05	0
AZ	s291	Pinamt-Gunsight-Cavelt (s291)	0.11	0.23	0.4	11.69	0.15	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s292	Pinamt-Momoli-Cipriano (s292)	0.11	0.21	0.4	8.58	0.18	0
AZ	s293	Rock outcrop-Quilotosa-Momoli (s293)	0.07	0.16	0.4	4.04	0.4	34
AZ	s294	Rock outcrop-Quilotosa-Hyder-Gachado (s294)	0.11	0.19	0.4	5.15	0.22	15
AZ	s295	Schenco-Rock outcrop-Laposa (s295)	0.13	0.26	0.4	16	0.1	30
AZ	s296	Laveen-Kamato-Casa Grande (s296)	0.18	0.31	0.42	17.74	0.07	0
AZ	s297	Toltec-La Palma-Casa Grande (s297)	0.12	0.22	0.41	6.54	0.28	0
AZ	s298	Mohall-Dateland-Casa Grande (s298)	0.15	0.26	0.41	10.92	0.14	0
AZ	s299	Pahaka-Estrella-Antho (s299)	0.07	0.15	0.39	4.39	0.71	0
AZ	s300	Valencia-Estrella-Cuerda (s300)	0.08	0.16	0.4	4.06	0.65	0
AZ	s301	Superstition-Rositas (s301)	0	0.04	0.43	2.68	2	0
AZ	s302	Guest-Glendale-Gila (s302)	0.21	0.37	0.47	20.54	0.05	0
AZ	s303	Riveroad-Comoro-Arizo (s303)	0.11	0.21	0.44	4.97	0.5	0
AZ	s305	Mohave-Guest-Continental (s305)	0.2	0.33	0.44	15.74	0.06	0
AZ	s306	Tres Hermanos-Pajarito-Mohave (s306)	0.12	0.22	0.4	7.26	0.27	0
AZ	s307	Sonoita-Hayhook-Continental (s307)	0.09	0.18	0.4	5.22	0.49	0
AZ	s308	Sahuarita-Mohave-Cave (s308)	0.12	0.23	0.41	10.9	0.22	0
AZ	s309	Cacique-Bucklebar-Alko (s309)	0.08	0.16	0.4	3.76	0.65	0
AZ	s310	Stagecoach-Nahda-Delnorte-Agustin (s310)	0.13	0.23	0.4	7.78	0.13	0
AZ	s311	Pinaleno-Eba (s311)	0.13	0.26	0.42	14.22	0.12	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s312	Nickel-Greyeagle-Continental (s312)	0.16	0.28	0.42	15.43	0.08	0
AZ	s313	Pinaleno-Palos Verdes-Nickel (s313)	0.13	0.24	0.4	9.32	0.12	0
AZ	s314	Tumarion-Rock outcrop-Lehmans-House Mountain-Akela (s314)	0.17	0.3	0.43	15.3	0.07	15
AZ	s315	Rock outcrop-Luzena-Faraway (s315)	0.13	0.27	0.44	12.49	0.18	25
AZ	s316	Rock outcrop-Lehmans-Gran (s316)	0.27	0.39	0.45	12.99	0.01	30
AZ	s317	Rock outcrop-Lajitas-Delthorny-Anklam (s317)	0.11	0.2	0.4	5.64	0.2	25
AZ	s318	Torriorthents-Rock outcrop (s318)	0.25	0.38	0.46	17.1	0.02	90
AZ	s319	Tovar-Toqui-Deama (s319)	0.13	0.25	0.43	9.37	0.21	0
AZ	s320	Santo Tomas-Pima-Comoro (s320)	0.11	0.26	0.45	11.09	0.32	0
AZ	s321	Hondale-Gothard-Bluepoint (s321)	0.12	0.25	0.41	11.86	0.22	0
AZ	s322	Sontag-Bonita (s322)	0.28	0.41	0.49	16.69	0.02	0
AZ	s323	Tubac-Forrest-Enzian-Diaspar (s323)	0.13	0.22	0.41	6.18	0.25	0
AZ	s324	Winkel-Harrisburg-Cave (s324)	0.06	0.15	0.4	4.41	0.7	0
AZ	s325	White House-Hathaway-Bernardino (s325)	0.18	0.31	0.44	15.1	0.07	0
AZ	s326	Tombstone-Stronghold-Jerag (s326)	0.12	0.23	0.42	7.98	0.27	0
AZ	s327	Torriorthents-Rock outcrop-Gypill (s327)	0.13	0.24	0.42	6.96	0.15	20
AZ	s328	White House-Hathaway-Caralampi-Bernardino (s328)	0.17	0.3	0.44	13.51	0.1	0
AZ	s329	Romero-Rock outcrop-Lampshire (s329)	0.11	0.24	0.43	8.91	0.23	31

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s330	Zukan-Rock outcrop-Goblin (s330)	0.06	0.15	0.4	4.3	0.87	10
AZ	s331	Tanbark-Mellenthin-Calciorthids (s331)	0.13	0.26	0.42	13.79	0.17	0
AZ	s332	Thunderbird-Collbran-Boquillas (s332)	0.19	0.33	0.45	14.69	0.06	0
AZ	s333	Yumtheska-Natank-Disterheff (s333)	0.2	0.32	0.44	10.82	0.05	0
AZ	s334	Sponiker-Rock outcrop-Cross (s334)	0.14	0.28	0.47	10.11	0.23	10
AZ	s335	Rock outcrop-Mabray-Lemitar (s335)	0.14	0.27	0.4	17.01	0.08	15
AZ	s336	Pennell-Bacobi (s336)	0.09	0.18	0.39	5.69	0.4	0
AZ	s337	Tours saline-Sodic-Riverwash-Jocity saline-Sodic-Ives saline-Sodic-Burnswick (s337)	0.14	0.26	0.42	9.13	0.16	1
AZ	s338	Marcou-Jocity saline-Sodic-Burnswick (s338)	0.14	0.23	0.41	4.8	0.21	1
AZ	s339	Wepo-Polacca-Jocity-Jeddito (s339)	0.13	0.23	0.42	6.69	0.25	2
AZ	s340	Sheppard sodic-Sheppard-Joraibi-Jocity (s340)	0.08	0.15	0.41	0.61	0.64	0
AZ	s341	Torriorthents-Tewa-Sheppard-Jeddito (s341)	0.11	0.2	0.41	5.36	0.35	6
AZ	s342	Rock outcrop-Moenkopie (s342)	0.08	0.15	0.4	2.69	0.71	50
AZ	s343	Nakai-Monue-Blackston (s343)	0.04	0.11	0.41	1.31	1.29	0
AZ	s344	Purgatory-Epikom-Claysprings-Badland (s344)	0.15	0.28	0.41	13.96	0.12	3
AZ	s345	Sheppard-Nakai-Monue (s345)	0.07	0.15	0.4	3.4	0.72	2
AZ	s346	Kinan-Hatknoll-Grieta (s346)	0.11	0.2	0.4	5.84	0.36	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s347	Torriorthents-Sheppard-Pennell-Monue-Jocity-Clayhole (s347)	0.15	0.27	0.43	10.2	0.14	0
AZ	s348	Pennell-Pagina-Kinan (s348)	0.09	0.16	0.4	3.95	0.47	0
AZ	s349	Mellenthin-Curhollow (s349)	0.11	0.25	0.43	12.28	0.19	0
AZ	s350	Yumtheska-Showlow-Lozinta (s350)	0.15	0.29	0.46	13.92	0.14	0
AZ	s351	Wayneco-Sazi-Rock outcrop-Rizno-Palma-Mespun (s351)	0.06	0.14	0.42	3.09	0.98	10
AZ	s352	Winona-Tenderfoot-Curhollow (s352)	0.14	0.28	0.43	14.35	0.1	0
AZ	s353	Rudd-Arches (s353)	0.12	0.23	0.44	5.44	0.37	0
AZ	s354	Poley-Palma-Clovis (s354)	0.16	0.27	0.42	10.53	0.12	0
AZ	s355	Winona-Tusayan-Boysag (s355)	0.12	0.25	0.4	15.12	0.13	0
AZ	s356	Rock outcrop-Needle-Epikom (s356)	0.09	0.2	0.4	11	0.34	26
AZ	s357	Sheppard-Palma-Hubert-Clovis (s357)	0.09	0.17	0.41	2.78	0.62	0
AZ	s358	Strych-Monue-Bison (s358)	0.1	0.22	0.42	8.92	0.28	0
AZ	s359	Spenlo-Schmutz-Redbank family-Palma family-Naplene-Lavate-Ildefonso family-Clovis family-Caval (s359)	0.09	0.2	0.42	5.43	0.46	0
AZ	s360	Wupatki-Wukoki-Tuweep (s360)	0.14	0.27	0.43	13.91	0.11	0
AZ	s361	Stagecoach-Hindu (s361)	0.11	0.23	0.4	10.52	0.15	0
AZ	s362	Rock outcrop (s362)	0.09	0.18	0.41	3.49	0.36	83
AZ	s363	Sheppard-Grieta (s363)	0.06	0.14	0.4	2.74	0.82	0
AZ	s364	Ustic Torriorthents-Penistaja-Mido-Begay (s364)	0.1	0.18	0.42	5.31	0.46	7
AZ	s365	Milkweed-Deama-Cabezon (s365)	0.2	0.33	0.46	12.93	0.06	0
AZ	s366	Ubank-Cerrillos-Barx (s366)	0.14	0.24	0.41	7.02	0.22	5

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s367	Rock outcrop-Mellenthin-Leanto-Kech-Bisoodi (s367)	0.11	0.24	0.43	10.51	0.27	30
AZ	s368	Nuffel-Kech-Barx (s368)	0.13	0.25	0.43	8.41	0.25	9
AZ	s369	Rock outcrop-Deama (s369)	0.14	0.28	0.43	13.64	0.12	42
AZ	s370	Toqui-Topocoba-Deama (s370)	0.12	0.25	0.43	10.65	0.23	0
AZ	s371	Ziegler-Wilaha-Showlow (s371)	0.17	0.29	0.44	10.8	0.13	0
AZ	s372	Virgin Peak-Rock outcrop-Hualapai (s372)	0.11	0.25	0.45	9.6	0.28	15
AZ	s373	Moano-Barkerville (s373)	0.1	0.2	0.42	4.98	0.41	0
AZ	s374	Tortugas-Purner-Jacks (s374)	0.15	0.28	0.44	12.49	0.16	0
AZ	s375	Thunderbird-Rock outcrop-Luzena (s375)	0.19	0.32	0.45	14.49	0.08	15
AZ	s376	Typic Haplustalfs (s376)	0.18	0.31	0.44	14.59	0.11	0
AZ	s377	Thunderbird-Springerville-Rudd-Cabezon (s377)	0.25	0.38	0.47	14.91	0.03	0
AZ	s378	Whitlock-Continental-Cave (s378)	0.08	0.17	0.4	4.5	0.5	0
AZ	s379	Springerville-Cabezon (s379)	0.26	0.39	0.48	14.02	0.03	0
AZ	s380	Venezia-Thunderbird-Cabezon (s380)	0.22	0.36	0.45	15.87	0.04	0
AZ	s381	Poley-Pastura-Partri-Lynx-Abra (s381)	0.18	0.31	0.43	16.02	0.08	0
AZ	s382	Lynx-Lonti-Balon (s382)	0.14	0.27	0.43	12.9	0.16	0
AZ	s383	Zyme-Tonalea-Kydestea (s383)	0.16	0.26	0.42	6.56	0.12	7
AZ	s384	Torriorthents-Badland (s384)	0.19	0.31	0.43	10.99	0.06	3
AZ	s385	Telephone-Rock outcrop-Overgaard-Elledge (s385)	0.08	0.18	0.43	3.87	0.59	10
AZ	s386	Spudrock-Elledge-Docdee (s386)	0.12	0.23	0.43	6.93	0.24	0
AZ	s387	Gordo-Baldy (s387)	0.11	0.25	0.46	10.28	0.36	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s388	Sponseller-Ess (s388)	0.14	0.3	0.48	12.67	0.24	0
AZ	s389	Thunderbird-Showlow (s389)	0.25	0.38	0.47	15.64	0.03	0
AZ	s390	Typic Haplustalfs-Rock outcrop-Aridic Haplustalfs (s390)	0.15	0.28	0.43	14.36	0.14	20
AZ	s391	Typic Haplustalfs-Lithic Haplustalfs (s391)	0.13	0.22	0.41	5.34	0.26	0
AZ	s392	Sogzie-Sheppard-Rock outcrop-Aneth (s392)	0.03	0.09	0.41	2.28	1.38	10
AZ	s393	Shedado-Rock outcrop-Mespun-Begay-Anasazi (s393)	0.06	0.14	0.43	1.42	1.15	15
AZ	s394	Ustollic Haplargids-Rock outcrop-Namon (s394)	0.1	0.2	0.46	2.16	0.55	30
AZ	s395	Abreu (s395)	0.09	0.18	0.42	3.67	0.49	0
AZ	s396	Typic Eutroboralfs (s396)	0.12	0.25	0.43	12.33	0.23	0
AZ	s397	Typic Eutroboralfs (s397)	0.1	0.24	0.43	11.75	0.24	0
AZ	s398	Sheppard-Rock outcrop-Monue-Moepitz (s398)	0.04	0.09	0.42	1.67	1.48	10
AZ	s399	Pinamt-Momoli-Hickiwan-Gunsight-Denure (s399)	0.11	0.19	0.39	5.99	0.22	0
AZ	s400	Retriever-Calciorthids (s400)	0.14	0.27	0.42	14.58	0.14	0
AZ	s401	Vertic Haplustalfs-Aridic Ustochrepts (s401)	0.19	0.32	0.43	16.44	0.07	0
AZ	s402	Rock outcrop-Lama-Fragua (s402)	0.12	0.23	0.43	5.51	0.26	30
AZ	s403	Winona-Spudrock-Rock outcrop (s403)	0.1	0.21	0.44	5.11	0.4	10
AZ	s404	Winona-Spudrock-Rock outcrop (s404)	0.1	0.2	0.42	4.69	0.33	30
AZ	s405	Quintana (s405)	0.14	0.27	0.43	12.83	0.18	0
AZ	s406	Typic Paleboralfs-Eutric Glossoboralfs (s406)	0.13	0.26	0.42	13.57	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s407	Typic Cryoboralfs-Rock outcrop-Eutric Glossoboralfs (s407)	0.13	0.27	0.42	13.9	0.14	20
AZ	s408	Rock outcrop-Eutric Glossoboralfs (s408)	0.14	0.24	0.41	9.18	0.14	30
AZ	s409	Typic Haplustalfs-Fluventic Ustochrepts (s409)	0.15	0.29	0.43	14.29	0.15	0
AZ	s410	Rock outcrop-Aridic Ustochrepts-Aridic Haplustolls (s410)	0.18	0.31	0.43	16.25	0.07	10
AZ	s411	Typic Paleboralfs-Typic Cryoboralfs-Rock outcrop (s411)	0.13	0.26	0.43	12.15	0.21	10
AZ	s412	Vertic Haplustalfs-Typic Haplustalfs (s412)	0.26	0.39	0.48	13.54	0.03	7
AZ	s413	Typic Haplustalfs (s413)	0.1	0.18	0.42	3.53	0.56	0
AZ	s414	Typic Haplustalfs (s414)	0.18	0.31	0.44	14.59	0.11	0
AZ	s415	Typic Haplustalfs-Rock outcrop-Eutric Glossoboralfs (s415)	0.16	0.29	0.43	14.83	0.12	20
AZ	s416	Silkie-Espiritu (s416)	0.16	0.26	0.43	7.29	0.14	0
AZ	s417	Wineg-Quintana-Amos (s417)	0.18	0.32	0.44	15.51	0.08	0
AZ	s418	Typic Haplustalfs-Lithic Haplustalfs (s418)	0.18	0.3	0.42	12.28	0.1	0
AZ	s419	Mollic Eutroboralfs (s419)	0.14	0.28	0.46	10.6	0.22	0
AZ	s420	Rock outcrop-Mollic Cryoboralfs-Eutric Glossoboralfs (s420)	0.13	0.27	0.44	11.99	0.19	30
AZ	s421	Mirand-Derecho (s421)	0.16	0.3	0.46	11.84	0.15	0
AZ	s422	Silkie-Mirand (s422)	0.21	0.34	0.45	15.86	0.06	0
AZ	s423	Vibo-Casto (s423)	0.09	0.18	0.43	3.67	0.57	0
AZ	s424	Typic Haplustalfs-Mollic Eutroboralfs (s424)	0.16	0.29	0.45	12.27	0.17	0
AZ	s425	Mirand-Maes (s425)	0.14	0.28	0.43	14.15	0.13	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s426	Eutric Glossoboralfs (s426)	0.14	0.27	0.41	15.08	0.11	0
AZ	s427	Heflin-Casto (s427)	0.14	0.25	0.42	6.16	0.14	0
AZ	s428	Rillino-Gila-Continental (s428)	0.12	0.25	0.41	14.34	0.18	0
AZ	s429	Tombstone-Romero-Rock outcrop (s429)	0.11	0.22	0.42	6.14	0.28	30
AZ	s430	Tubac-Pajarito-Hayhook-Glendale-Bucklebar (s430)	0.1	0.2	0.41	6.02	0.38	0
AZ	s431	Tres Hermanos-Pinamt-Artesia (s431)	0.13	0.25	0.41	14.27	0.15	0
AZ	s432	Eicks-Eba-Cloverdale (s432)	0.13	0.26	0.42	14.29	0.16	0
AZ	s433	Limpia-Graham-Bonita-Atascosa (s433)	0.21	0.34	0.46	14.55	0.04	0
AZ	s434	Mabray-Chiricahua-Atascosa (s434)	0.18	0.29	0.41	12.94	0.06	0
AZ	s435	Rock outcrop-Mokiak-Faraway (s435)	0.11	0.23	0.43	7.59	0.29	20
AZ	s436	Rock outcrop-Luzena-Fallsam (s436)	0.2	0.36	0.48	16.89	0.07	40
AZ	s437	Tapco-Peloncillo-Artesia (s437)	0.18	0.31	0.42	15.4	0.05	0
AZ	s438	Wampoo-Signal-Bonita (s438)	0.23	0.36	0.47	16.44	0.03	0
AZ	s439	Selevin-Eloma-Alsco (s439)	0.2	0.33	0.43	16.95	0.04	0
AZ	s440	Yumtheska-Virgin Peak-Rock outcrop-Katzine (s440)	0.09	0.22	0.41	11.18	0.25	22
AZ	s441	Rock outcrop-Piute-Bluechief (s441)	0.04	0.11	0.4	1.63	1.44	15
AZ	s442	Uzona-Shumbegay-Escavada (s442)	0.12	0.22	0.42	4.9	0.28	0
AZ	s443	Millett-Farview-Doakum (s443)	0.09	0.18	0.41	4.27	0.49	0
AZ	s444	Mido-Blanding-Arches (s444)	0.06	0.14	0.41	2.37	0.94	0
AZ	s445	Tunitcha-Klizhin-Akhoni (s445)	0.09	0.18	0.44	2.79	0.69	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s446	Abreu (s446)	0.12	0.25	0.43	12.33	0.23	0
AZ	s447	Altar (s447)	0.14	0.23	0.4	7.54	0.15	0
AZ	s448	Altar (s448)	0.14	0.23	0.4	7.54	0.15	0
AZ	s449	Rock outcrop-Garr (s449)	0.08	0.17	0.39	5.09	0.29	40
AZ	s450	Ustorthents-Rizno-Metuck (s450)	0.1	0.2	0.41	6.14	0.33	0
AZ	s451	Vibo-Ustochrepts-Badland (s451)	0.16	0.28	0.43	6.65	0.13	0
AZ	s452	Telescope-Royosa-Augustine (s452)	0.06	0.12	0.42	1.52	1.13	0
AZ	s453	Badland-Aridic Ustochrepts-Aridic Haplustolls (s453)	0.16	0.29	0.42	14.12	0.09	0
AZ	s454	Shoegame-McNeal-Badland (s454)	0.1	0.22	0.4	8.69	0.21	0
AZ	s455	Rock outcrop-Lithic Ustorthents family-Hogris (s455)	0.05	0.11	0.41	0.98	1	30
AZ	s456	Torriorthents-Cellar (s456)	0.11	0.2	0.41	5.13	0.27	0
AZ	s457	Spudrock-Rock outcrop-Cellar (s457)	0.08	0.16	0.41	3.82	0.51	30
AZ	s458	Yaqui-Werlog (s458)	0.09	0.16	0.41	3.37	0.67	0
AZ	s459	Werlog-Santo Tomas-Riverwash (s459)	0.08	0.16	0.43	2.23	0.68	0
AZ	s460	Torriorthents (s460)	0.12	0.25	0.43	12.33	0.17	0
AZ	s461	Rock outcrop-Moenkopie (s461)	0.07	0.16	0.4	4.47	0.46	30
AZ	s462	Typic Ustifluvents-Fluventic Ustochrepts (s462)	0.1	0.18	0.4	4.18	0.52	0
AZ	s463	Fluventic Ustochrepts-Aquic Ustifluvents (s463)	0.11	0.21	0.41	6.29	0.39	0
AZ	s464	Vessilla-Rock outcrop (s464)	0.09	0.18	0.4	5.01	0.39	35
AZ	s465	Teromote-Kopie (s465)	0.15	0.28	0.41	16.69	0.12	0
AZ	s466	Quintana-Kopie (s466)	0.13	0.26	0.41	14.85	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s467	Typic Ustochrepts-Typic Haplustalfs-Rock outcrop (s467)	0.13	0.24	0.43	7.03	0.29	25
AZ	s468	Shoegame-Badland-Aridic Ustochrepts (s468)	0.11	0.23	0.4	8.91	0.19	0
AZ	s469	Ransect (s469)	0.2	0.36	0.47	20.15	0.08	0
AZ	s470	Typic Ustochrepts-Lithic Ustochrepts (s470)	0.1	0.2	0.41	6.36	0.4	0
AZ	s471	Typic Ustochrepts-Typic Haplustalfs-Rock outcrop (s471)	0.15	0.29	0.44	13.56	0.15	30
AZ	s472	Typic Dystrochrepts-Spudrock-Rock outcrop (s472)	0.11	0.2	0.43	3.44	0.42	30
AZ	s473	Typic Dystrochrepts-Dystric Cryochrepts (s473)	0.13	0.22	0.43	4.5	0.31	0
AZ	s474	Typic Dystrochrepts-Rock outcrop-Dystric Cryochrepts (s474)	0.11	0.2	0.42	4.7	0.35	20
AZ	s475	Dystric Cryochrepts (s475)	0.06	0.14	0.38	5.2	0.44	0
AZ	s476	Sobega-Quintana-Kopie (s476)	0.13	0.24	0.43	6.58	0.28	0
AZ	s477	Dystric Cryochrepts (s477)	0.06	0.14	0.38	5.2	0.44	0
AZ	s478	Rock outcrop-Lithic Ustochrepts (s478)	0.12	0.25	0.41	11.99	0.19	30
AZ	s479	Typic Dystrochrepts-Rock outcrop-Lithic Ustochrepts (s479)	0.11	0.2	0.41	4.75	0.33	30
AZ	s480	Quintana (s480)	0.14	0.27	0.43	12.83	0.18	0
AZ	s481	Spudrock-Sobega-Rock outcrop (s481)	0.1	0.19	0.43	3.2	0.49	40
AZ	s482	Spudrock-Rombo-Rock outcrop (s482)	0.14	0.25	0.44	5.83	0.18	30
AZ	s483	Timhus-Quintana-Flugle (s483)	0.13	0.25	0.43	8.69	0.23	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s484	Riverwash-Prewitt-Lynx (s484)	0.12	0.25	0.43	8.3	0.27	0
AZ	s485	Ess-Cundiyo (s485)	0.12	0.25	0.45	10.32	0.3	0
AZ	s486	Hereford (s486)	0.2	0.34	0.48	11.91	0.11	0
AZ	s487	Vertic Argiborolls (s487)	0.2	0.33	0.45	14.94	0.08	0
AZ	s488	Pachic Udic Argiborolls (s488)	0.2	0.34	0.48	10.75	0.15	0
AZ	s489	Rock outcrop-Lithic Haplustolls (s489)	0.12	0.26	0.45	11.04	0.21	30
AZ	s490	Nakai-Monue-Blackston (s490)	0.04	0.11	0.41	1.31	1.29	0
AZ	s491	Ustochreptic Calciorthids (s491)	0.08	0.17	0.42	3.32	0.61	0
AZ	s492	Rock outcrop-Bond-Bidonia (s492)	0.09	0.17	0.41	3.44	0.58	15
AZ	s493	Winona-Pastura-Cibeque (s493)	0.15	0.28	0.42	15.33	0.11	0
AZ	s494	Sponiker-Godding (s494)	0.13	0.27	0.47	9.23	0.29	0
AZ	s495	Torriorthents-Calciorthids-Badland (s495)	0.15	0.28	0.41	10.74	0.1	0
AZ	s496	Faraway-Barkerville (s496)	0.09	0.18	0.42	3.25	0.53	0
AZ	s497	Tours-Showlow-Cibeque (s497)	0.17	0.31	0.43	16.94	0.09	0
AZ	s498	Rond-Jacks-Chevelon (s498)	0.16	0.3	0.44	14.16	0.15	0
AZ	s499	Tortugas-Roundtop-Rock outcrop (s499)	0.17	0.31	0.47	10.48	0.15	15
AZ	s500	Lemitar-Lampshire-Chiricahua (s500)	0.19	0.33	0.44	16.6	0.04	0
AZ	s501	Tuloso-Tinaja (s501)	0.1	0.18	0.4	4.93	0.34	0
AZ	s502	Riverwash-Prewitt-Pinetop-Lynx (s502)	0.13	0.25	0.44	7.87	0.3	0
AZ	s1126	Tecopa-Rock outcrop-Lithic Torriorthents (s1126)	0.07	0.15	0.4	4.29	0.48	55
AZ	s1129	Rositas-Beeline-Badland (s1129)	0.08	0.17	0.41	3.94	0.43	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s1131	Rock outcrop (s1131)	0.09	0.19	0.4	7.02	0.27	60
AZ	s1140	Rillito-Gunsight (s1140)	0.11	0.23	0.4	10.61	0.17	0
AZ	s1422	Uzona-Rock outcrop-Myton family-Claysprings (s1422)	0.19	0.32	0.43	16.99	0.04	10
AZ	s5061	Vertic Haplustalfs-Typic Haplustalfs (s5061)	0.19	0.33	0.44	15.63	0.07	0
AZ	s5065	Typic Eutroboralfs-Lithic Haplustalfs (s5065)	0.14	0.26	0.42	11.09	0.15	0
AZ	s5068	Typic Haplustalfs-Rock outcrop-Eutric Glossoboralfs (s5068)	0.16	0.29	0.43	14.8	0.11	30
AZ	s5085	Typic Ustorthents-Typic Ustochrepts-Typic Udorthents-Rock outcrop (s5085)	0.07	0.15	0.41	2.76	0.64	25
AZ	s5087	Typic Ustochrepts-Rock outcrop-Aridic Ustochrepts (s5087)	0.09	0.19	0.4	6.55	0.39	30
AZ	s5094	Udic Ustochrepts-Typic Ustochrepts (s5094)	0.09	0.19	0.4	7.09	0.29	0
AZ	s5108	Fluventic Haploborolls-Aquic Ustifluvents (s5108)	0.1	0.21	0.43	6.02	0.47	0
AZ	s5116	Typic Argiborolls (s5116)	0.14	0.28	0.43	13.64	0.18	0
AZ	s5168	Rock outcrop-Flugle-Catman (s5168)	0.12	0.21	0.43	1.49	0.37	13
AZ	s5169	Rock outcrop-Nogal (s5169)	0.16	0.27	0.43	6.78	0.16	22
AZ	s5170	Teco-Rock outcrop-Montecito-Cabezon-Atarque (s5170)	0.17	0.27	0.43	8.29	0.13	11
AZ	s5172	Stout-Kiln-Hesperus (s5172)	0.11	0.21	0.43	4.36	0.47	0
AZ	s5173	Telescope-Royosa (s5173)	0.04	0.09	0.43	1.27	1.72	0
AZ	s5177	Weska-Travessilla-Rock outcrop-Oelop (s5177)	0.16	0.3	0.43	20.24	0.09	30
AZ	s5249	Ojocal-Alicia (s5249)	0.12	0.31	0.43	28.52	0.11	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s5315	Rock outcrop-Lehmans-Chiricahua-Chamberino (s5315)	0.12	0.25	0.41	13.31	0.17	20
AZ	s5325	Rock outcrop-Muzzler-Luzena (s5325)	0.19	0.32	0.45	13.73	0.07	20
AZ	s5331	Thunderbird-Rudd-Hubbell-Cabezon (s5331)	0.14	0.26	0.44	6.78	0.23	0
AZ	s5333	Mion-Jacee-Goesling-Celacy-Augustine (s5333)	0.13	0.23	0.44	4.32	0.32	3
AZ	s5396	Loarc-Guy-Dioxice-Datil (s5396)	0.12	0.23	0.43	7.22	0.33	2
AZ	s5397	Manzano-Hickman-Catman (s5397)	0.24	0.38	0.49	12.22	0.06	0
AZ	s5573	Water-Virgin River-Toquop-Riverwash-Black Butte-Alluvial land (s5573)	0.12	0.22	0.42	7.81	0.31	10
AZ	s5575	Naye-Mormon Mesa (s5575)	0.07	0.15	0.39	5.32	0.49	1
AZ	s5576	St. Thomas-Rock outcrop-Kyler (s5576)	0.08	0.2	0.39	11.27	0.22	15
AZ	s5577	Cave family-Cave-Ajo (s5577)	0.1	0.21	0.39	10.15	0.22	0
AZ	s5578	Harrisburg-Cave-Arizo (s5578)	0.06	0.14	0.39	3.67	0.68	0
AZ	s5579	Toquop-Black Butte-Arada (s5579)	0.06	0.14	0.41	5.3	0.74	0
AZ	s5580	Tonopah-Colorock-Badland (s5580)	0.1	0.21	0.4	7.79	0.24	0
AZ	s5581	Yurm family-Winkel-Torriorthents (s5581)	0.1	0.22	0.4	11.78	0.18	9
AZ	s5586	Zeheme-St. Thomas-Rock outcrop (s5586)	0.06	0.15	0.39	4.56	0.45	19
AZ	s5587	Zeheme-Virgin Peak-Rock outcrop-Hobog (s5587)	0.08	0.19	0.41	7.86	0.3	14
AZ	s5588	Nickel-Bitter Spring-Arizo (s5588)	0.06	0.15	0.4	4.53	0.47	2

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s5589	Rositas-Pompeii-Gunsight-Carrizo-Ajo (s5589)	0.09	0.18	0.4	4.3	0.27	0
AZ	s5590	Rock outcrop-Hindu-Gypill-Badland (s5590)	0.07	0.2	0.39	11.61	0.28	25
AZ	s5592	Rock outcrop-Kanackey-Dedas-Calvista-Breko (s5592)	0.07	0.16	0.4	4.83	0.47	20
AZ	s5742	Typic Torriorthents-Gypill-Cave-Badland (s5742)	0.08	0.19	0.39	7.53	0.37	0
AZ	s7770	Sheppard-Rock outcrop-Oljeto-Neskahi-Mota (s7770)	0.04	0.1	0.39	1.1	1.24	10
AZ	s7771	Rock outcrop-Piute-Moenkopie-Hoskinnini (s7771)	0.09	0.17	0.39	4.19	0.4	20
AZ	s7774	Rock outcrop-Lithic Torriorthents-Badland (s7774)	0.12	0.22	0.39	6.93	0.23	50
AZ	s8181	Tobler-St. George-Nikey-Junction-Harrisburg (s8181)	0.09	0.19	0.42	5.63	0.52	0
AZ	s8182	Winkel-Renbac-Hobog-Bermesa (s8182)	0.08	0.17	0.42	4.49	0.49	0
AZ	s8184	Shalet-Badland (s8184)	0.12	0.24	0.4	8.71	0.19	5
AZ	s8187	Pastura family-Magotsu-Curhollow (s8187)	0.11	0.22	0.42	7.3	0.22	5
AZ	s8196	Rock outcrop-Mespun-Arches (s8196)	0.04	0.09	0.42	2.1	1.76	10
AZ	s8197	Yarts-Palma-Neville family-Barx-Atchee (s8197)	0.11	0.2	0.41	5.42	0.38	5
AZ	s8198	Skos-Rock outcrop (s8198)	0.17	0.27	0.4	10.29	0.06	20
AZ	s8369	Water (s8369)	0.3	0.42	0.48	11.42	0.01	100
AZ	s9582	Leanto-Bisoodi-Arntz (s9582)	0.08	0.18	0.41	5.61	0.5	4
AZ	s9583	Torriorthents-Marcou-Claysprings-Burnswick-Badland (s9583)	0.15	0.27	0.42	7.41	0.13	6

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
AZ	s9584	Strych-Rock outcrop-Monue (s9584)	0.09	0.2	0.42	7.01	0.36	18
AZ	s9585	Vecont-Trix-Mohall-Denure-Dateland-Casa Grande (s9585)	0.13	0.23	0.4	6.94	0.22	0
AZ	s9586	Selevin-Kimrose-Keysto-Caralampi (s9586)	0.19	0.29	0.43	8.27	0.06	0
NM	s321	Hondale-Gothard-Bluepoint (s321)	0.12	0.25	0.41	11.86	0.22	0
NM	s390	Typic Haplustalfs-Rock outcrop-Aridic Haplustalfs (s390)	0.15	0.28	0.43	14.36	0.14	20
NM	s419	Mollic Eutroboralfs (s419)	0.14	0.28	0.46	10.6	0.22	0
NM	s426	Eutric Glossoboralfs (s426)	0.14	0.27	0.41	15.08	0.11	0
NM	s432	Eicks-Eba-Cloverdale (s432)	0.13	0.26	0.42	14.29	0.16	0
NM	s452	Telescope-Royosa-Augustine (s452)	0.06	0.12	0.42	1.52	1.13	0
NM	s478	Rock outcrop-Lithic Ustochrepts (s478)	0.12	0.25	0.41	11.99	0.19	30
NM	s5052	Typic Ustochrepts-Typic Haplustalfs (s5052)	0.12	0.23	0.42	6.73	0.32	0
NM	s5053	Typic Haplustalfs (s5053)	0.18	0.31	0.44	14.59	0.11	0
NM	s5054	Typic Ustochrepts-Typic Haplustalfs-Typic Dystrochrepts (s5054)	0.14	0.25	0.43	7.62	0.23	0
NM	s5055	Typic Haplustalfs-Rock outcrop-Eutric Glossoboralfs (s5055)	0.16	0.29	0.43	14.83	0.11	20
NM	s5061	Vertic Haplustalfs-Typic Haplustalfs (s5061)	0.19	0.33	0.44	15.63	0.07	0
NM	s5062	Typic Haplustalfs-Aridic Haplustalfs (s5062)	0.11	0.2	0.42	5.2	0.34	0
NM	s5063	Typic Haplustalfs-Lithic Haplustalfs (s5063)	0.18	0.3	0.42	12.28	0.1	0
NM	s5065	Typic Eutroboralfs-Lithic Haplustalfs (s5065)	0.14	0.26	0.42	11.09	0.15	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM	s5066	Typic Eutroboralfs (s5066)	0.12	0.25	0.43	12.33	0.23	0
NM	s5067	Typic Eutroboralfs (s5067)	0.1	0.24	0.43	11.75	0.24	0
NM	s5068	Typic Haplustalfs-Rock outcrop-Eutric Glossoboralfs (s5068)	0.16	0.29	0.43	14.8	0.11	30
NM	s5075	Rock outcrop-Mollic Cryoboralfs-Eutric Glossoboralfs (s5075)	0.13	0.27	0.44	11.99	0.19	30
NM	s5076	Typic Haplustalfs-Mollic Eutroboralfs (s5076)	0.16	0.29	0.45	12.27	0.17	0
NM	s5079	Typic Ustorthents (s5079)	0.1	0.19	0.42	4.26	0.45	0
NM	s5080	Typic Dystrochrepts-Rock outcrop-Lithic Ustorthents (s5080)	0.11	0.2	0.41	4.53	0.38	30
NM	s5082	Typic Ustifluvents-Fluventic Ustochrepts (s5082)	0.1	0.18	0.4	4.18	0.52	0
NM	s5083	Fluventic Ustochrepts-Aquic Ustifluvents (s5083)	0.11	0.21	0.41	6.29	0.39	0
NM	s5085	Typic Ustorthents-Typic Ustochrepts-Typic Udorthents-Rock outcrop (s5085)	0.07	0.15	0.41	2.76	0.64	25
NM	s5087	Typic Ustochrepts-Rock outcrop-Aridic Ustochrepts (s5087)	0.09	0.19	0.4	6.55	0.39	30
NM	s5088	Typic Ustochrepts-Fluventic Ustochrepts (s5088)	0.09	0.17	0.41	3.73	0.65	0
NM	s5091	Typic Ustochrepts (s5091)	0.1	0.23	0.41	13.75	0.22	0
NM	s5092	Typic Ustochrepts-Lithic Ustochrepts (s5092)	0.1	0.2	0.41	6.36	0.4	0
NM	s5094	Udic Ustochrepts-Typic Ustochrepts (s5094)	0.09	0.19	0.4	7.09	0.29	0
NM	s5095	Typic Ustifluvents-Fluventic Ustochrepts (s5095)	0.1	0.18	0.4	4.18	0.52	0
NM	s5100	Typic Dystrochrepts-Rock outcrop-Dystric Cryochrepts (s5100)	0.11	0.2	0.42	4.7	0.35	20

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM	s5105	Typic Ustochrepts-Rock outcrop-Lithic Ustochrepts-Aridic Ustochrepts-Aridic Haplustalfs (s5105)	0.13	0.27	0.42	16.87	0.16	10
NM	s5106	Typic Dystrochrepts-Rock outcrop-Lithic Ustochrepts (s5106)	0.11	0.2	0.41	4.75	0.33	30
NM	s5107	Typic Ustifluvents-Rock outcrop-Fluventic Haploborolls (s5107)	0.1	0.22	0.45	4.87	0.58	10
NM	s5108	Fluventic Haploborolls-Aquic Ustifluvents (s5108)	0.1	0.21	0.43	6.02	0.47	0
NM	s5109	Cumulic Haplustolls-Aquic Haplustolls (s5109)	0.12	0.24	0.46	5.59	0.47	0
NM	s5110	Cumulic Haploborolls-Aquic Haploborolls (s5110)	0.16	0.31	0.48	11.45	0.24	0
NM	s5112	Cumulic Haplustolls (s5112)	0.13	0.26	0.46	9.99	0.35	0
NM	s5116	Typic Argiborolls (s5116)	0.14	0.28	0.43	13.64	0.18	0
NM	s5160	Viuda-Rock outcrop-Penistaja (s5160)	0.1	0.2	0.41	5.47	0.34	13
NM	s5161	Millpaw-Cantina-Cabezon (s5161)	0.2	0.32	0.45	12.1	0.06	7
NM	s5164	Rock outcrop-Laporte (s5164)	0.11	0.24	0.43	9.37	0.27	36
NM	s5167	Raton-Lava flows-Charo (s5167)	0.15	0.29	0.46	11.7	0.17	33
NM	s5168	Rock outcrop-Flugle-Catman (s5168)	0.12	0.21	0.43	1.49	0.37	13
NM	s5169	Rock outcrop-Nogal (s5169)	0.16	0.27	0.43	6.78	0.16	22
NM	s5170	Teco-Rock outcrop-Montecito-Cabezon-Atarque (s5170)	0.17	0.27	0.43	8.29	0.13	11
NM	s5171	Valnor-Techado-Rock outcrop-Mirabal-Kenray-Cinnadale (s5171)	0.13	0.24	0.44	4.04	0.26	10
NM	s5172	Stout-Kiln-Hesperus (s5172)	0.11	0.21	0.43	4.36	0.47	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM	s5173	Telescope-Royosa (s5173)	0.04	0.09	0.43	1.27	1.72	0
NM	s5174	Kimbeto-Farb-Denazar (s5174)	0.09	0.17	0.41	3.54	0.47	3
NM	s5177	Weska-Travessilla-Rock outcrop-Oelop (s5177)	0.16	0.3	0.43	20.24	0.09	30
NM	s5235	Zia-Sandoval-Rock outcrop (s5235)	0.12	0.23	0.41	8.43	0.23	40
NM	s5248	Sparank-Sheppard-Fajada (s5248)	0.13	0.22	0.42	4.02	0.23	0
NM	s5249	Ojocal-Alicia (s5249)	0.12	0.31	0.43	28.52	0.11	0
NM	s5250	Rock outcrop-Mion-Atarque (s5250)	0.25	0.37	0.45	14.55	0.03	30
NM	s5251	Kiki-Doak (s5251)	0.09	0.18	0.39	4.8	0.48	0
NM	s5315	Rock outcrop-Lehmans-Chiricahua-Chamberino (s5315)	0.12	0.25	0.41	13.31	0.17	20
NM	s5316	Rock outcrop-Lehmans (s5316)	0.12	0.25	0.41	12.49	0.18	33
NM	s5317	Rock outcrop-Ledru-Graham (s5317)	0.25	0.38	0.46	16.71	0.02	20
NM	s5319	Nickel (s5319)	0.08	0.16	0.4	4.68	0.38	0
NM	s5320	Stellar-Mohave-Mimbres-Berino (s5320)	0.16	0.29	0.43	12.48	0.13	0
NM	s5321	Hondale (s5321)	0.14	0.27	0.42	14.39	0.15	0
NM	s5322	Wink-Pintura-Bluepoint (s5322)	0.05	0.11	0.4	1.47	1.19	0
NM	s5323	Upton-Simona (s5323)	0.09	0.18	0.41	5.35	0.43	0
NM	s5324	Rock outcrop-Lava flows-Akela-Aftaden (s5324)	0.11	0.23	0.43	7.59	0.26	28
NM	s5325	Rock outcrop-Muzzler-Luzena (s5325)	0.19	0.32	0.45	13.73	0.07	20
NM	s5326	Lonti-Jonale-Deama (s5326)	0.13	0.25	0.43	9.48	0.23	3
NM	s5327	White House-Ruidoso-Paymaster-Manzano-Judd (s5327)	0.16	0.28	0.45	8.49	0.17	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NM	s5328	Scholle-Millett-Ildefonso-Goldust-Cascajo (s5328)	0.13	0.24	0.42	7.58	0.17	0
NM	s5329	Plack-Guy (s5329)	0.14	0.27	0.44	12.1	0.18	0
NM	s5331	Thunderbird-Rudd-Hubbell-Cabezon (s5331)	0.14	0.26	0.44	6.78	0.23	0
NM	s5332	Rock outcrop-Motoqua-Faraway-Cabezon-Abrazo (s5332)	0.15	0.26	0.43	7.73	0.16	20
NM	s5333	Mion-Jacee-Goesling-Celacy-Augustine (s5333)	0.13	0.23	0.44	4.32	0.32	3
NM	s5393	Pleioville-Brycan-Bario (s5393)	0.18	0.3	0.45	8.79	0.12	0
NM	s5394	Tolman-Smilo-Rock outcrop-Adman (s5394)	0.18	0.31	0.42	16.83	0.05	11
NM	s5395	Loarc-Hubbell-Flugle (s5395)	0.12	0.22	0.43	4.91	0.39	9
NM	s5396	Loarc-Guy-Dioxice-Datil (s5396)	0.12	0.23	0.43	7.22	0.33	2
NM	s5397	Manzano-Hickman-Catman (s5397)	0.24	0.38	0.49	12.22	0.06	0
NM	s5398	Telescope-Royosa-Loarc (s5398)	0.03	0.08	0.42	1.14	1.73	0
NM	s5399	Rock outcrop-Motoqua-Mion-Abrazo (s5399)	0.18	0.3	0.43	13.78	0.06	30
NM	s5401	Lapdun-Datil-Celsosprings-Cascajo (s5401)	0.13	0.25	0.43	8.08	0.19	0
NM	s8369	Water (s8369)	0.3	0.42	0.48	11.42	0.01	100
NV	s1124	Nickel-Blackmount-Arizo (s1124)	0.05	0.13	0.39	3.34	0.62	0
NV	s1127	Upspring-Sparkhule-Rock outcrop (s1127)	0.09	0.18	0.4	6.45	0.29	51
NV	s1134	Trigger-Rock outcrop-Calvista (s1134)	0.08	0.17	0.4	4.94	0.45	20
NV	s1144	Skyhaven-Rillito-Mead-McCullough-Ireteba-Bluepoint (s1144)	0.09	0.18	0.4	5.12	0.42	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV	s294	Rock outcrop-Quilotosa-Hyder-Gachado (s294)	0.11	0.19	0.4	5.15	0.22	15
NV	s5425	Xine-Hymas-Hatur-Hardol-Halacan-Cavehill (s5425)	0.13	0.27	0.47	10.13	0.26	0
NV	s5426	Zadvar-Umil-Nuc-Lien-Fenster-Coils (s5426)	0.11	0.24	0.42	10.72	0.22	0
NV	s5427	Umberland-Nuyobe-Easychair (s5427)	0.13	0.29	0.44	14.04	0.13	0
NV	s5435	Zadvar-Veet-Lien-Handy-Geer-Coils (s5435)	0.1	0.21	0.42	4.81	0.36	5
NV	s5436	Yody-Ursine-Sanpete-Lusetti (s5436)	0.09	0.22	0.42	9.87	0.35	0
NV	s5440	Sondoa-Lusetti-Doten-Batan (s5440)	0.14	0.33	0.44	26.7	0.1	0
NV	s5446	Zadvar-Umil-Lien-Handpah-Armespan (s5446)	0.1	0.19	0.41	4.49	0.37	1
NV	s5447	Ursine-Sanpete-Lien (s5447)	0.11	0.24	0.42	11.59	0.25	0
NV	s5453	Zadvar-Sanpete-Breko (s5453)	0.09	0.2	0.42	5.88	0.4	0
NV	s5466	Ursine-Unsel-Sierocliff-Sanpete (s5466)	0.09	0.2	0.42	6.61	0.4	0
NV	s5480	Pern-Lusetti-Kelk-Doten-Colona-Bylo (s5480)	0.22	0.37	0.48	13.51	0.07	0
NV	s5486	Zimbob-Rock outcrop-Pookaloo-Hyzen-Hopeka-Cavehill (s5486)	0.11	0.26	0.45	11.37	0.24	10
NV	s5488	Unsel-Leo-Koyen-Geer-Easychair (s5488)	0.09	0.19	0.4	6.17	0.36	0
NV	s5561	Shalcleav-Rock outcrop-Locane-Izar (s5561)	0.14	0.27	0.44	13.05	0.14	10
NV	s5563	Segura-Rock outcrop-Itca family-Cropper (s5563)	0.14	0.27	0.44	10.54	0.14	10
NV	s5572	Zukan-Welring-Tortugas-Pookaloo (s5572)	0.09	0.2	0.42	8.04	0.37	5

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV	s5573	Water-Virgin River-Toquop-Riverwash-Black Butte-Alluvial land (s5573)	0.12	0.22	0.42	7.81	0.31	10
NV	s5574	Weiser-Tonopah-Tencee-Colorock-Canutio (s5574)	0.1	0.19	0.4	7.32	0.25	0
NV	s5575	Naye-Mormon Mesa (s5575)	0.07	0.15	0.39	5.32	0.49	1
NV	s5576	St. Thomas-Rock outcrop-Kyler (s5576)	0.08	0.2	0.39	11.27	0.22	15
NV	s5577	Cave family-Cave-Ajo (s5577)	0.1	0.21	0.39	10.15	0.22	0
NV	s5578	Harrisburg-Cave-Arizo (s5578)	0.06	0.14	0.39	3.67	0.68	0
NV	s5579	Toquop-Black Butte-Arada (s5579)	0.06	0.14	0.41	5.3	0.74	0
NV	s5580	Tonopah-Colorock-Badland (s5580)	0.1	0.21	0.4	7.79	0.24	0
NV	s5581	Yurm family-Winkel-Torriorthents (s5581)	0.1	0.22	0.4	11.78	0.18	9
NV	s5582	Weiser-Las Vegas-Jean-Dalian-Cave (s5582)	0.06	0.14	0.4	3.09	0.59	0
NV	s5583	Spring-Paradise-Land-Glencarb-Bluepoint (s5583)	0.14	0.29	0.45	13.58	0.18	0
NV	s5584	Las Vegas-Glencarb-Casaga (s5584)	0.1	0.23	0.41	10.7	0.24	0
NV	s5585	McCarran-Grapevine-Bracken-Bluepoint (s5585)	0.05	0.13	0.39	2.78	0.85	0
NV	s5586	Zeheme-St. Thomas-Rock outcrop (s5586)	0.06	0.15	0.39	4.56	0.45	19
NV	s5587	Zeheme-Virgin Peak-Rock outcrop-Hobog (s5587)	0.08	0.19	0.41	7.86	0.3	14
NV	s5588	Nickel-Bitter Spring-Arizo (s5588)	0.06	0.15	0.4	4.53	0.47	2
NV	s5589	Rositas-Pompeii-Gunsight-Carrizo-Ajo (s5589)	0.09	0.18	0.4	4.3	0.27	0
NV	s5590	Rock outcrop-Hindu-Gypill-Badland (s5590)	0.07	0.2	0.39	11.61	0.28	25

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV	s5592	Rock outcrop-Kanackey-Dedas-Calvista-Breko (s5592)	0.07	0.16	0.4	4.83	0.47	20
NV	s5594	Stewval-Rock outcrop-Gabbvally (s5594)	0.15	0.27	0.42	12.56	0.1	10
NV	s5595	Dedas-Cave-Canutio-Armpup-Arizo (s5595)	0.09	0.19	0.39	7.45	0.25	0
NV	s5596	Pioche-Motoqua-Mokiak-Cedaran (s5596)	0.17	0.28	0.44	8.16	0.1	0
NV	s5597	Weiser-Tencee-Naye-Mormon Mesa-Caliza-Arizo (s5597)	0.07	0.15	0.39	4.56	0.43	0
NV	s5598	Pioche-Motoqua-Gabbvally (s5598)	0.16	0.27	0.42	8.66	0.11	1
NV	s5599	Penoyer-Koyen-Jolan-Handpah-Geer (s5599)	0.08	0.17	0.4	4.67	0.54	0
NV	s5600	Patter-Heist-Geer variant-Geer (s5600)	0.09	0.22	0.42	7.56	0.43	0
NV	s5601	Tarloc-Rock outcrop-Kyler-Eaglepass (s5601)	0.08	0.2	0.4	10.55	0.27	10
NV	s5602	Roval-Linco-Decan-Acana (s5602)	0.11	0.22	0.43	5.82	0.32	0
NV	s5603	Zoate-Motoqua-Itca-Gabbvally (s5603)	0.17	0.27	0.41	9.92	0.08	5
NV	s5604	Rock outcrop-Findout-Dedas-Breko-Akela (s5604)	0.07	0.18	0.4	8.05	0.36	15
NV	s5605	Longjim-Arizo-Alko (s5605)	0.05	0.12	0.4	1.51	0.86	0
NV	s5608	Seaman-Maynard Lake-Geer-Crystal Springs-Arizo (s5608)	0.05	0.14	0.41	2.21	0.91	0
NV	s5610	Jerval-Dorper-Aboten (s5610)	0.07	0.16	0.39	5.98	0.43	0
NV	s5622	Grapevine-Canutio-Armpup-Ajo (s5622)	0.11	0.2	0.4	6.94	0.25	0
NV	s5672	Theriot-Rock outcrop-Kyler (s5672)	0.07	0.16	0.41	4.52	0.43	11

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV	s5673	Ubehebe-Rodad-Penelas-Entero (s5673)	0.13	0.27	0.42	15.94	0.1	3
NV	s5674	Ursine-Umil-Rebel (s5674)	0.1	0.2	0.41	6.02	0.36	0
NV	s5691	Stewval-Gabbvally (s5691)	0.13	0.24	0.41	8.37	0.13	3
NV	s5742	Typic Torriorthents-Gypill-Cave-Badland (s5742)	0.08	0.19	0.39	7.53	0.37	0
NV	s5757	Typic Argixerolls-Tulecan-Torripsammentic Haploxerolls-Rock outcrop-Minneha-Haypress-Hapgood-Glean (s5757)	0.09	0.19	0.45	4.07	0.62	10
NV	s5775	Reluctan-Itca (s5775)	0.15	0.29	0.45	11.41	0.1	1
NV	s5857	Hymas-Haunchee-Xine (s5857) (nv500)	0.11	0.26	0.45	11.03	0.25	2
NV	s5864	Ravenswood variant-Packer-Nulligam-Layview-Hackwood-Foxvire (s5864)	0.12	0.25	0.45	7.76	0.3	5
NV	s5865	Wholan-Valmy-Slaw-Rustigate-Rebel-Nuyobe (s5865)	0.1	0.24	0.42	12.96	0.24	3
NV	s5869	Unsel-Univega-Pahroc-Leo-Koyen-Keefa (s5869)	0.06	0.14	0.4	2.15	0.58	0
NV	s5870	Unsel-Cirac-Candelaria (s5870)	0.08	0.16	0.39	4.77	0.46	0
NV	s5874	Zadvar-Umil-Cath-Allker (s5874)	0.1	0.19	0.41	5.3	0.38	0
NV	s5875	Zadvar-Veet-Ratleflat-Handpah-Armespan (s5875)	0.08	0.16	0.42	2.7	0.56	0
NV	s5878	Rock outcrop-Podmor family-Logring-Kyler-Flygare family-Eaglepass (s5878)	0.12	0.24	0.45	7.88	0.31	10
NV	s5882	Playas (s5882)	0.3	0.44	0.53	14.29	0.03	0
NV	s8109	Sanpete family-Dera family (s8109)	0.12	0.24	0.42	10.39	0.2	0
NV	s8114	Reywat family-Lodar family-Kyler-Eaglepass (s8114)	0.1	0.22	0.42	8.6	0.27	9

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
NV	s8204	Garbo-Deerlodge family-Biblesprings (s8204)	0.11	0.22	0.42	6.8	0.34	0
NV	s8369	Water (s8369)	0.3	0.42	0.48	11.42	0.01	100
UT	s362	Rock outcrop (s362)	0.09	0.18	0.41	3.49	0.36	83
UT	s5453	Zadvar-Sanpete-Breko (s5453)	0.09	0.2	0.42	5.88	0.4	0
UT	s5563	Segura-Rock outcrop-Itca family-Cropper (s5563)	0.14	0.27	0.44	10.54	0.14	10
UT	s5577	Cave family-Cave-Ajo (s5577)	0.1	0.21	0.39	10.15	0.22	0
UT	s5598	Pioche-Motoqua-Gabbvally (s5598)	0.16	0.27	0.42	8.66	0.11	1
UT	s5742	Typic Torriorthents-Gypill-Cave-Badland (s5742)	0.08	0.19	0.39	7.53	0.37	0
UT	s8173	Tingey-Scout family-Namon family (s8173)	0.13	0.28	0.45	12.26	0.2	5
UT	s8175	Rock outcrop-Pinitos family-Montez-Canlon family (s8175)	0.13	0.25	0.44	8.02	0.26	40
UT	s8176	Rock outcrop-Olot family-Gralic family-Falcon family-Eyre family (s8176)	0.12	0.24	0.42	8.41	0.19	30
UT	s8177	Pioche family-McQuarrie family-Kanarra family-Indiano family-Decan family-Bodacious family (s8177)	0.14	0.28	0.43	13.65	0.17	0
UT	s8178	Security family-Podmor family-Pastorius family-Fughes family-Dalcan family (s8178)	0.14	0.27	0.44	11.49	0.17	0
UT	s8179	Rock outcrop-Motoqua family-Falcon family-Dotsero family-Bernal family (s8179)	0.13	0.25	0.4	11.73	0.13	40
UT	s8180	Wye family-Sampson family-Pastorius family-Nehar family-Muzzler family-Mokiak family-Bernal family (s8180)	0.17	0.28	0.42	12.54	0.08	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT	s8181	Tobler-St. George-Nikey-Junction-Harrisburg (s8181)	0.09	0.19	0.42	5.63	0.52	0
UT	s8182	Winkel-Renbac-Hobog-Bermesa (s8182)	0.08	0.17	0.42	4.49	0.49	0
UT	s8183	Toquerville-Tobler-Pintura-Ivins-Dune land (s8183)	0.03	0.09	0.41	1.24	1.47	0
UT	s8184	Shalet-Badland (s8184)	0.12	0.24	0.4	8.71	0.19	5
UT	s8185	Mathis-Bond family (s8185)	0.12	0.22	0.41	3.76	0.19	3
UT	s8186	Rock outcrop-Redbank family-Mespun-Caval (s8186)	0.06	0.11	0.42	3.09	1.29	15
UT	s8187	Pastura family-Magotsu-Curhollow (s8187)	0.11	0.22	0.42	7.3	0.22	5
UT	s8194	Palma-Gerst family-Barx-Arches (s8194)	0.11	0.21	0.41	6.63	0.33	3
UT	s8195	Rock outcrop-Palma-Mespun-Arches (s8195)	0.05	0.12	0.42	2.48	1.2	25
UT	s8196	Rock outcrop-Mespun-Arches (s8196)	0.04	0.09	0.42	2.1	1.76	10
UT	s8197	Yarts-Palma-Neville family-Barx-Atchee (s8197)	0.11	0.2	0.41	5.42	0.38	5
UT	s8198	Skos-Rock outcrop (s8198)	0.17	0.27	0.4	10.29	0.06	20
UT	s8199	Sedillo-Gaynor-Clapper (s8199)	0.19	0.32	0.44	16.12	0.06	0
UT	s8200	Dune land (s8200)	0	0.03	0.43	0.13	2	0
UT	s8201	Rock outcrop-Mathis-Krueger-Arches (s8201)	0.05	0.14	0.43	1.34	1.08	60
UT	s8202	Uana family-Nevu family-Minu family-Decathon family-Buster family-Aned family (s8202)	0.13	0.25	0.44	8.46	0.28	0
UT	s8203	Tombar-Pavant-Hiko Peak-Denmark-Bamos (s8203)	0.14	0.27	0.43	13.51	0.15	0
UT	s8204	Garbo-Deerlodge family-Biblesprings (s8204)	0.11	0.22	0.42	6.8	0.34	0

Table B-4 Recommended Green and Ampt Values

NRCS Soil Survey	MUSYM	Name	Initial Content (volume ratio)		Saturated Content (volume ratio)	Suction (in)	Conductivity (in/hr)	Natural Imp. %
			Wilting Point (dry)	Field Capacity (normal)				
UT	s8206	Wales-Taylorsflat-Sevy (s8206)	0.13	0.26	0.44	9.26	0.28	0
UT	s8207	Wales-Taylorsflat-Medburn-Kanarra-Ashdown (s8207)	0.15	0.28	0.44	11.59	0.17	0
UT	s8209	Rock outcrop-Ocambee-Kinghorn (s8209)	0.13	0.27	0.45	11.46	0.15	15
UT	s8212	Uvada-Manselo-Antelope Springs (s8212)	0.13	0.28	0.44	11.47	0.19	0
UT	s8214	Wye-Motoqua-Lucero-Ironco (s8214)	0.14	0.27	0.45	9.21	0.19	3
UT	s8216	Winnemucca-Seth-Faim (s8216)	0.18	0.33	0.53	5.73	0.3	0
UT	s8217	Paunsaugunt-Kolob-Detra-Dalcan (s8217)	0.14	0.26	0.47	4.49	0.33	4
UT	s8218	Welring-Tortugas family-Rock outcrop-Chilton family (s8218)	0.13	0.26	0.42	13.25	0.15	25
UT	s8219	Tobish-Tacan-Nehar-Collbran family (s8219)	0.13	0.25	0.43	8.62	0.14	6
UT	s8227	Zinzer-Yenlo-Tridell-Notter-Luhon (s8227)	0.13	0.26	0.43	11.99	0.22	0
UT	s8232	Syrett-Swapps-Skutum-Sheege-Ruko-Rock outcrop-Frandsen (s8232)	0.15	0.28	0.46	6.07	0.21	17
UT	s8234	Syrett-Swapps-Skutum-Pahreah-Badland (s8234)	0.14	0.26	0.47	4.44	0.3	0