Table 7 Continued

#	FILE NAME	No. of Yrs.	DESCRIPTION	"C" VALUE
31	PTOBNT60	1 yr.	No-till tob into conv. plntd sg cover, 50% gr cover after plntd tob.	.142
32	BWW	2 yrs.	1-Spr. beets (weeds) 2-Weeds No disk after beets	.142
33	PTTWFNTC	4 yrs.	Tob, (wc) tob, wheat (fescue), no-till corn. No straw removed. 93% gr cover after plntd. Corn. Sp plow	.137
34	PCNTW60	1 yr.	Cont no-till cotton into sg wc, cover crop plntd conv. 51% gr cover after plant cotton	.136
35	PTOBFFP	2 yrs.	Tob, wheat (fescue), fall plow, no straw baled	.135
36	PTWCWC	3 yrs.	1-tob(spring plow), 2-Wheat cover (1bu.) 3-Wheat cover (1bu.)	.134
37	PTWBSWW	4 yrs.	1-tob(spring plow) 2-Wheat (strawbaled) 3-Weeds , 4-Weeds	.123
38	PSGCSB	1 yr.	Wheat, conv. cult., strawbaled, summer weeds	.117
39	PTOBFSP	2 yrs.	Tob, wheat (fescue) spring plow, no straw baled	.114
40	BWWW	2 yrs.	1-Spr. beets (weeds), 2-Wheat (weeds)	.111
41	PCSNTWC	1 yr.	Cont. no-till corn silage into sg winter cover conv. plntd. No sg harvested. 81% ground cover after plntd corn	.109
42	PSTWCSG	1 yr.	Strawberry on plastic, middles pltd. To sg weeds	.103
43	PTWLSWW	3 yrs.	1-tob(sp. plow), 2-Wheat (straw left), 3-Weeds	.101
44	PCNTNCOV	1 yr.	Cont. no-till cotton in cotton rd, after 4 yrs.	.098
45	PTOBNT90	1 yr.	No-till tob. into conv. plntd sg cover 80% gr cover after plntd tob.	.098
46	PCWNTSB	2 yrs.	Conv. corn, conv. wheat, (NT drilled soybeans-no strawbaled)	.094
47	PCNTW90	1 yr.	Cont. no-till cotton into sg wc, cover crop conv. plntd, 79% gr cover after plntd cotton	.092
48	PCWNTB15	2 yrs.	1-Conv. corn, 2-Conv. wheat (No-till beans) 15% rock cover	.080
49	PCWNTM	1 yr.	Conv. wheat (strawbaled) then NT Pearl Millet hay	.077
50	PCWNTB25	2 yrs.	1-Conv. corn, 2-Conv. wheat (NT beans) 25% rock cover	.059
51	PSGCSL	1 yr.	Wheat, Conventional cult. – straw left, summer weeds	.058
52	PDWNTBNC	2 yrs.	Cont no-till corn, disked for wheat, (NT soybeans), no straw baled	.038
53	PNTWSBC	2 yrs.	After 4 yrs. Cont. no-till wheat (soybeans), corn, no straw baled	.018
54	PNTWBC20	2 yrs.	1-Corn, 2-Wheat(soybeans), LT NT all crops 20% rock cover	.009
55	NTWBBC40	2 yrs.	1-Corn, 2-Wheat(soybeans) LT NT all crops 40% rock cover	.005

conv.=conventional
sp=spring
wc=winter cover
nt=no-till
gr=ground
yr=year

tob=tobacco
cont=continuous
transp=transplant
rd=residue
sg=small grain
plntd=planted

Table 8 (Revised 3/00)
RUSLE "C" Values – Mountains

#	FILE NAME	No. of Yrs.	DESCRIPTION	"C" VALUE
1	MTM	1 yr.	Tomatoes, continuous, conventional, no cover crop	.423
2	MTOB	1 yr.	Conv. cont. tobacco, no cover	.391
3	MCSC	1 yr.	Continuous conv. corn (silage) spring plow, no cover crop	.355
4	MCB	1 yr.	Cabbage, no winter cover	.346
5	MTMWC	1 yr.	Tomatoes, continuous, conventional, winter cover	.277
6	MCSCWC	1 yr.	Continuous conv. corn (silage) spring plow, cover crop not harvested	.263
7	MCBWC	1 yr.	Cabbage with s.g. winter cover	.242
8	MFFCNCC	4 yr.	Fescue, fescue, corn (grain), cabbage (2 crops)	.237
9	MTBWC	1 yr.	Conv. tob. with conv. Wheat cover crop	.199
10	MCGCSP	1 yr.	Continuous conv. corn (grain) spring plow	.186
11	MTOBFM	2yr.	Tobacco- Meadow (new)	.184
12	MNTCSGS		Continuous corn silage, NT into SG stubble from silage	.173
13	MTOBNT30	1 yr.	No-till tobacco in 30% ground cover of conv. planted wheat 26% ground cover after transp.	.160
14	MTBTBWF	4 yrs.	Tobacco (wc), Tobacco, wheat (fescue), 17 months fescue	.153
15	MNTSWC	1 yr.	Cont. corn silage, no-till sg cover	.133
16	MTBTBWFS	4 yrs.	Tobacco (wc), tobacco, wheat (fescue), fescue 21 months	.129
17	MTOBST60	1 yr.	Strip-tilled tobacco in 60% ground cover of conv. planted wheat. 40% ground cover after transp.	.128
18	MTOBWF	2 yrs.	Tobacco, sg (fescue)	.117
19	MTOBNT60	1 yr.	No-till tobacco in 60% ground cover of conv. plntd. wheat. 52% ground cover after transp.	.110
20	MCRSIWNT		Continuous corn silage, NT into sg cover not removed	.092
21	MTOBEM	1 yr.	Tobacco behind well-established , well managed meadow	.072
22	MTOBNT90	1 yr.	No-till tobacco in 90% ground cover of conv. plntd. wheat. 80% ground cover after transp.	.072
23	MCRWBNT	2 yrs.	No-till corn, conv. wheat, double-crop no-till soybeans	.054
24	MCNTBNTC	2 yrs.	Corn-Soybeans both no-till, after 4 years	.039
25	MNTWSBC	2 yrs.	NT corn, NT wheat, double –crop NT beans	.032
26	MNTCWFF	3 yrs.	SG (fescue), fescue, no-till corn (grain)	.031

conv.=conventional
sp=spring
wc=winter cover
nt=no-till
gr=ground
yr=year

tob=tobacco
cont=continuous
transp=transplant
rd=residue
sg=small grain
plntd=planted

EXPLANATION OF PASTURE C-FACTORS

RUSLE VERSION

The Time Invariant option in the C-factor routine of DOS-RUSLE, version 1.05 pre_I was used to develop C-factors for established grasses. The inputs needed in RUSLE are identified below.

PERMANENT GRASS ASSUMPTIONS

These C-factors are for long-term or permanent grass stands. For grasses established in recent years, or as part of a crop rotation, the C-factors for the crop/grass rotation should be used.

The average root mass in the upper 4 inches of the soil surface is 4000 pounds per acre for High vigor and productivity, 2500 pounds per acre for Medium; and 1000 pounds per acre for Low.

COVER

The total cover is the sum of ground cover and canopy cover not to exceed 100 percent. Ground cover occurring directly below the canopy cover will be counted as ground cover.

Ground cover is any material that is in contact with the soil surface, intercepts raindrops, and affects surface runoff during rainstorms. Groundcover includes live plant material, plant residue, and any other surface material such as gravel, stones, etc. Standing residue that comes in contact with the soil surface during a storm should be counted as ground cover.

Canopy cover is plant material, dead or alive, standing above the soil surface during rainstorms. Canopy cover intercepts raindrops but does not affect surface runoff.

ESTIMATING COVER

The line transect method may be used to determine total cover as a percentage. Follow the standard procedures established for measuring crop residue cover with the line stretched above the canopy. A "hit" occurs when canopy of ground cover occurs directly beneath a "point". When both canopy and ground cover occur below a "point", count this hit only as ground cover since it has the greater impact on erosion reduction. After making line transect measurements in various kinds of cover types, one should be capable of making reliable visual estimates. Periodic recalibration with the line transect method will likely be needed to maintain reliability.

VIGOR, FERTILITY, AND PRODUCTIVITY

Plant vigor, soil fertility, and grass productivity of the permanent stand are grouped into classes of high, medium, and low for C-factor determinations.

A HIGH rating would be associated with a dense stand of sod-forming grasses of strong plant vigor, good productivity, a high level of management, adequate soil fertility and pH, and good soil quality. These C-factors are based on an average annual root mass in the upper four inches of soil equivalent to 4000 pounds per acre. Sheet and rill erosion will not be evident.

A LOW rating would be associated with a stand of grass of poor plant vigor and reproduction, poor management and low soil quality, productivity, and fertility. These C-factors are based on an average annual root mass of 1000 pounds per acre in the upper four inches of soil. The stand would be open and contain more weeds than stands rated either medium or high. Sheet and rill erosion may be evident along with other forms of soil erosion.

A MEDIUM rating would be associated with a stand that falls between the guidelines for High and Low. These C-factors are based on an average annual root mass of 2500 pounds per acre in the upper four inches of soil.

ROUGHNESS

The soil surface associated with permanent grass is assumed to be relatively smooth. A random roughness value of 0.3 was used in RUSEL.

SURFACE COVER FUNCTION, *b* VALUE

A *b* value of 0.25 was used. This value is associated with permanent grass cover on medium and coarse textured soils where interill (sheet) erosion would dominate if the soil were bare. This *b* value corresponds with the LS factors in LS Table 4-1.

CANOPY FALL HEIGHT

The average fall height from the canopy used was 0.1 feet. Fall height is the average distance a raindrop falls to the soil surface after being intercepted by the canopy.

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PASTURE C FACTORS FOR ALL NORTH CAROLINA CLIMATIC ZONES

	CANOPY COVER (%)									
	0	10	20	30	40	50	60	70	80	90
GROUND COVER										
(%)										
10-H*	0.016	0.015	0.013	0.012	0.01	0.008	0.007	0.005	0.003	0.002
10-M*	0.045	0.041	0.036	0.032	0.027	0.025	0.02	0.015	0.01	0.005
10-L*	0.152	0.137	0.122	0.107	0.092	0.077	0.062	0.047	0.032	0.017
20-H	0.013	0.012	0.01	0.009	0.008	0.006	0.005	0.004	0.003	0.001
20-M	0.039	0.035	0.031	0.027	0.024	0.02	0.016	0.012	0.008	0.004
20-L	0.119	0.107	0.095	0.083	0.072	0.06	0.048	0.036	0.025	0.013
30-H	0.01	0.009	0.008	0.007	0.006	0.005	0.004	0.003	0.002	0.001
30-M	0.03	0.027	0.024	0.021	0.018	0.015	0.012	0.009	0.006	0.003
30-L	0.092	0.083	0.074	0.065	0.056	0.047	0.037	0.028	0.019	0.01
40-H	0.008	0.007	0.006	0.005	0.005	0.004	0.003	0.002	0.002	
40-M	0.024	0.021	0.019	0.017	0.014	0.012	0.01	0.007	0.005	0.003
40-L	0.072	0.065	0.058	0.051	0.043	0.036	0.029	0.022	0.015	0.008
50-H	0.006	0.005	0.005	0.004	0.004	0.003	0.002	0.002	0.001	
50-M	0.018	0.017	0.015	0.013	0.011	0.009	0.007	0.006	0.004	0.002
50-L	0.056	0.05	0.045	0.039	0.034	0.028	0.023	0.017	0.012	0.006
60-H	0.005	0.004	0.004	0.003	0.003	0.002	0.002	0.001	0.001	
60-M	0.014	0.013	0.011	0.01	0.009	0.007	0.006	0.004	0.003	0.002
60-L	0.044	0.039	0.035	0.031	0.026	0.022	0.018	0.013	0.009	0.005
70-H	0.004	0.003	0.003	0.003	0.002	0.002	0.001	0.001		
70-M	0.011	0.1	0.009	0.008	0.007	0.006	0.005	0.003	0.002	0.001
70-L	0.034	0.031	0.027	0.024	0.021	0.017	0.014	0.01	0.007	0.004
80-H	0.003	0.003	0.002	0.002	0.002	0.001	0.001			
80-M	0.009	0.008	0.007	0.006	0.005	0.004	0.004	0.003	0.002	0.001
80-L	0.026	0.024	0.021	0.019	0.016	0.013	0.011	0.008	0.006	0.003
90-H	0.002	0.002	0.002	0.002	0.001	0.001				
90-M	0.007	0.006	0.005	0.005	0.004	0.003	0.003	0.002	0.001	
90-L	0.021	0.019	0.017	0.014	0.012	0.01	0.008	0.006	0.004	0.002
100-H	0.002	0.002	0.002	0.002	0.001	0.001				

*H: High level management
M: Medium level management
L: Low level management

Support Practices (P) Factor

By definition, the support practice factor (P) in *RUSLE* is the ratio of soil loss with a specific support practice to the corresponding loss with upslope and downslope tillage. These practices principally affect erosion by modifying the flow pattern, grade, or direction of surface runoff and by reducing the amount and rate of runoff. For cultivated land, the support practices considered include contouring (tillage and planting on or near the contour), stripcropping, and terracing.

The following pages provide the means to develop P values for *RUSLE* calculations. Except for stripcropping sub-factors, the values can be readily determined. However, careful attention to detail is required in moving through the various tables and procedures.

Stripcropping sub-factors will require the use of the software not available to field office staffs until FOCS *RUSLE* is in use. In the interim, fill out a worksheet, as shown, and send to the conservation agronomist for stripcropping sub-factors.

RUSLE P SUBFACTOR VALUES FOR CONTOURING

Step 1. Gather appropriate information.

a) Identify the 10-year storm erosivity (10-yr EI) value for the site. This value has been assigned for each county in the state. (Table 9, page P-5)

b) Select the Cover-Management Condition using **Table 10, "Cover Management Conditions." (Pages P-6, P-7)**

c) Select the appropriate ridge height using **Table 11, "Guidelines for Selecting Ridge Heights for Contouring with RUSLE." (Page P-8)**

d) Identify the hydrologic soil group for the selected profile soil, as listed on the "RUSLE Soil Data" sheets in the "K" factor section of this handbook.

e) Determine the slope length (L) and slope gradient (S) of the landscape profile, and grade along the furrows or rows.

Step 2. Determine the P subfactor for contouring "on grade."

a) Within the assigned 10-yr EI value, select the appropriate cover-management condition, ridge height, and hydrologic soil group in **Table 12, "RUSLE Contour P Subfactor Tables for On Grade Condition."**

b) Enter the selected table proceeding across the row for the hydrologic soil group and read the value in the column for the slope steepness. The resulting value is the P subfactor value for contouring "on grade" (0% furrow or row grade).

Step 3. Adjust on grade contouring P subfactor for furrow or row grade.

a) Calculate the ratio of the field's average furrow or row grade on its landscape profile slope (downhill slope) used to describe the field's topographic factor and round to the nearest 0.1. For ratio values less than 0.05 no adjustment is required.

b) For ratio values of 0.05 and larger, go to **Table 13, "Contouring P Subfactor Value Adjusted for Furrow Grade."**

c) In the far left column of Table 13, locate the on grade contouring subfactor value obtained obtained from step 2 above. If the P subfactor value is an odd number, round up to the nearest even number. On the located row, move right to the column for the appropriate ratio of furrow grade to slope steepness of the landscape profile calculated in Step 3a. This value is the RUSLE P subfactor value for "off grade contouring.

Example

Step 1. Gather information.

a) For the site near Halifax, North Carolina, the 10-yr EI = 120.

b) When row cropped, clean tilled cotton is grown, the Cover-Management Condition is 6 from **Table 10**.

c) Ridges and furrows are 3 to 4 inches with cotton that is conventionally (clean) tilled with row cultivation. These are Moderate Ridges from **Table 11 on page P-8**.

d) Hydrologic soils group C.

e) Landscape profile grade = 4%, slope length = 100 feet. Furrow grade = 0.5%.

Step 2. Determine the P subfactor for contouring "on grade."

a) In **Table 12, page P-35**, 10-yr Storm EI = 120, and Cover Management Condition 6, select the section for Moderate Ridges (3-4").

b) Find the row for hydrologic soils group C and the value in the intersected column for 4% slope. Read the P subfactor value of 0.54 for contouring "on grade."

Step 3. Adjust contouring P subfactor for furrow or row grade.

a) The furrow grade/slope grade ratio is calculated as 0.5%/4% = 0.125 rounded to 0.1.

b) Go to **Table 13, (Page P-53)**, for correction to "on grade" contouring P subfactor.

c) Enter **Table 13** with the on grade contouring P subfactor value of 0.54 and read across to the furrow grade/slope grade ratio of 0.1. The P subfactor value for "off grade" contouring is 0.69. If **Table 13** does not have the exact number (e.g. 0.53), then round up to the next number on the table (0.54).

NORTH CAROLINA

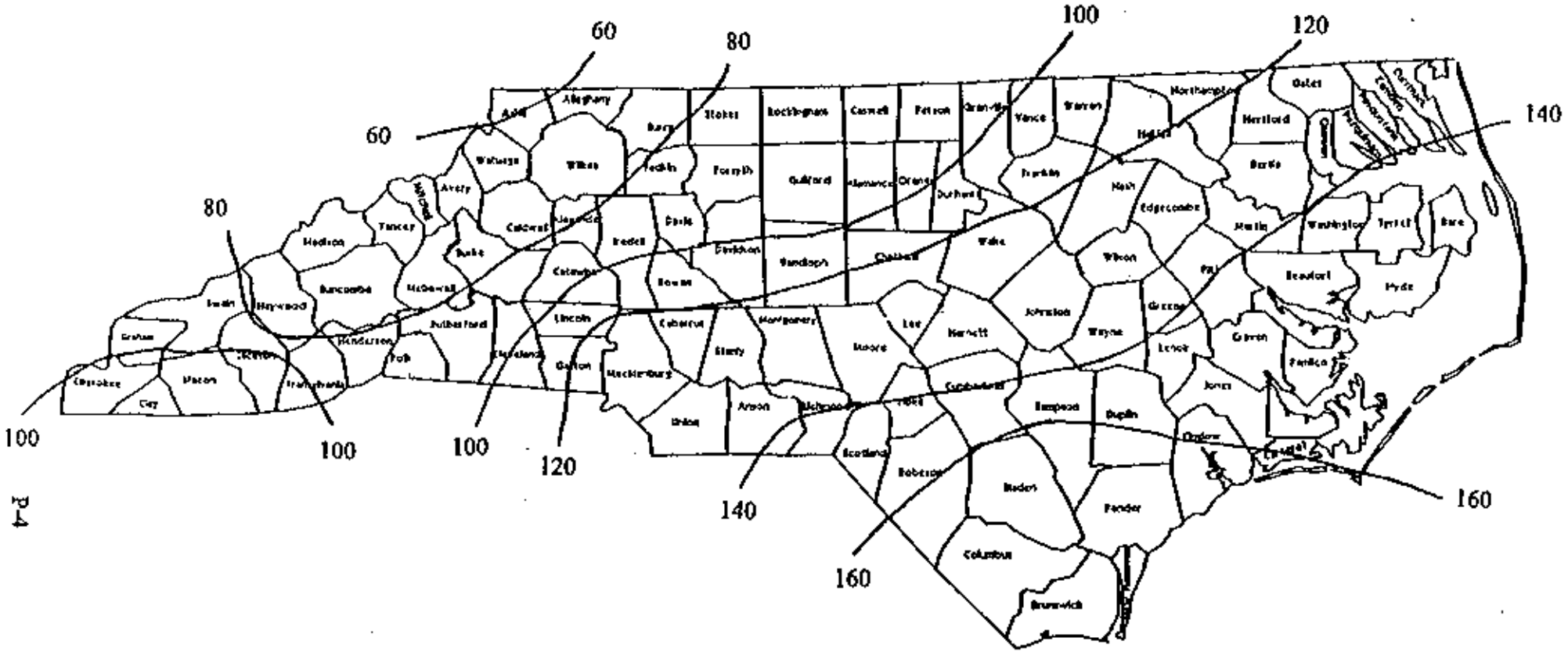

Figure 3

Ten-Year Single Storm Erosion Index Values

For use with RUSLE, 1995

Table 9

List of counties in North Carolina with 10-year single storm values based on information by USDA-ARS and NRCS in August 1994, for use with RUSLE.

County	EI Value	County	EI Value
Alamance	100	Johnston	130
Alexander	80	Jones	150
Alleghany	70	Lee	130
Anson	130	Lenoir	150
Ashe	60	Lincoln	110
Avery	70	Macon	110
Beaufort	150	Madison	70
Bertie	130	Martin	130
Bladen	160	McDowell	80
Brunswick	160	Mecklenburg	130
Buncombe	70	Mitchell	70
Burke	80	Montgomery	130
Cabarrus	130	Moore	130
Caldwell	80	Nash	130
Camden	130	New Hanover	160
Carteret	160	Northampton	120
Caswell	90	Onslow	160
Catawba	100	Orange	100
Chatham	120	Pamlico	150
Cherokee	110	Pasquotank	130
Chowan	130	Pender	160
Clay	110	Perquimans	130
Cleveland	100	Person	90
Columbus	160	Pitt	140
Craven	150	Polk	90
Cumberland	140	Randolph	110
Currituck	130	Richmond	140
Dare	150	Robeson	160
Davidson	100	Rockingham	90
Davie	90	Rowan	110
Duplin	160	Rutherford	90
Durham	100	Sampson	160
Edgecombe	130	Scotland	150
Forsyth	90	Stanly	130
Franklin	120	Stokes	80
Gaston	120	Surry	80
Gates	130	Swain	90
Graham	100	Transylvania	100
Granville	100	Tyrrell	150
Greene	140	Union	130
Guilford	100	Vance	100
Halifax	120	Wake	130
Harnett	130	Warren	110
Haywood	80	Washington	150
Henderson	90	Watauga	70
Hertford	120	Wayne	140
Hoke	140	Wilkes	80
Hyde	150	Wilson	130
Iredell	100	Yadkin	80
Jackson	100	Yancey	70

TABLE 10. COVER MANAGEMENT CONDITIONS

Select the cover management condition that best describes the condition during the 1/4 of the year when rainfall and runoff are most erosive and the soil is most susceptible to erosion. Since the P factor effects are approximate, no provision is made for varying the cover-management condition class during the year.

Description of cropland cover-management conditions used in RUSLE for estimating P-factor values.

Cover-Management Condition	Description
Code 1. Established meadow.	In this condition, the grass is dense and runoff is very slow, about the slowest under any vegetative condition. When mowed and baled, this condition becomes condition 2.
Code 2. 1st year meadow, hay.	In this condition, the hay is a mixture of grass and legume just before cutting. The meadow is a good stand of grass that is nearing the end of the first year. When mowed and baled, this condition becomes a condition 4 for a short time.
Code 3. Heavy cover and/or very rough. *Double cropped soybeans or sorghum*	Ground cover for this condition is about 75 to 95%. Roughness is like that left by a high clearance moldboard plow on a heavy textured soil. Roughness depressions would have the appearance of being 7 inches deep and deeper. Vegetative hydraulic roughness would be like that from a good legume forage crop, such as lespedeza or alfalfa, that has not been mowed.
Code 4. Moderate cover and/or rough. *Mulch-Till.* *No-Till in corn stubble.*	The ground cover for this condition is about 40 to 65%. This roughness would be like that left by a moldboard plow in a medium textured soil. Depressions would have the appearance of being about 4 to 6 inches deep. Vegetative hydraulic roughness would be much like that produced by winter small grain at full maturity.
Code 5. Light cover and/or moderate roughness. *No-till in soybean stubble, or wheat*	Ground surface cover is between 10 to 30% and the surface roughness is like that left by the first pass of a tandem disk over a medium texture soil that has been moldboard plowed. This roughness could also be much like that left after a chisel plow through a medium textured soil at optimum moisture conditions for tillage. Roughness depressions would have the appearance of being on the order of 2 to 3 inches deep. In terms of hydraulic roughness produced by vegetation, this condition is much like that produced by spring small grain at about three fourths maturity.

TABLE 10. (cont.) COVER MANAGEMENT CONDITIONS

Cover-Management Condition	Description
Code 6. No cover and/or minimal roughness. *Conventional corn, cotton, and soybeans.* *Transplanted tobacco and vegetables.*	This condition is very much like the condition typically found in row cropped fields after the field has been planted and exposed to a moderately intense rainfall. Ground cover is less than about 5% and the roughness is that characteristic of a tilled seedbed for corn, cotton, or soybeans. The surface is rougher than that of a finely pulverized seedbed.
Code 7. Clean-tilled, smooth, fallow. *Conventionally seeded vegetables.*	This condition is essentially bare, with a cover of 5% or less. The soil has not had a crop grown on it in the last 6 months or more. Much of the residual effects of previous cropping has disappeared. The surface is smooth, much like the surface that develops on a very finely pulverized seedbed exposed to several intense rainfalls. This condition is most likely found in fallowed and vegetable fields, or in finely pulverized seedbeds for seeding grasses.

TABLE 11. GUIDELINES FOR SELECTING RIDGE HEIGHTS FOR CONTOURING WITH RUSLE

Select the ridge height that best describes the condition during the 1/4 of the year when rainfall and runoff are most erosive and the soil is most susceptible to erosion. The primary selection criteria should be the height of the ridge. However, row spacing, residue orientation, and rainfall intensity relative to the time of year can modify effective ridge height and should also be considered.

1. VERY LOW (0.5 - 2 inches) RIDGES

- Plants not closely spaced (<5000 plants per acre)
- No-till planted row crops
- Fields that have been rolled, pressed or dragged after planting
- Conventionally drilled crops when erosive rains occur during or soon after planting

2. LOW (2 - 3 inches) RIDGES

- No-till drilled crops
- Mulch tilled row crops
- Conventionally planted row crops with no row cultivation
- Conventionally drilled crops when erosive rains are uniformly distributed throughout the year
- Transplanted crops, widely spaced (>30 inches with <10,000 plants per acre)

MODERATE (3 - 4 inches) RIDGES)

- Conventionally (clean) tilled row crops with row cultivation
- Winter small grain when erosive rains are concentrated in the late spring after plants have developed a stiff, upright stem
- Transplanted crops that are closely spaced and/or in narrow rows (<30 inches with >10,000 plants per acre)

4. HIGH (4 - 6 inches) RIDGES

- Ridge tilled crops with high (4-6") ridges during periods of erosive rain
- Hipping, bedding or ridging with high (4-6") ridges during periods of erosive rains

5. VERY HIGH (> 6 inches) RIDGES

- Ridge tilled crops with very high (>6") ridges during periods of erosive rains
- Hipping, bedding or ridging with very high (>6") ridges during periods of erosive rains

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=60

COVER-MANAGEMENT CONDITION--1

VERY LOW RIDGES (0.5-2") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
B	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.54	0.63	0.72	0.82	0.93
C	1.00	0.58	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.55	0.62	0.69	0.85	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.65	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.58	0.66	0.75	0.85	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.48	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.40	0.46
B	1.00	0.54	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.39	0.45	0.51	0.59	0.67
C	1.00	0.60	0.38	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.38	0.42	0.47	0.58	0.70	0.83	0.96	1.00	1.00	1.00
D	1.00	0.64	0.44	0.35	0.32	0.31	0.31	0.33	0.36	0.41	0.46	0.52	0.59	0.66	0.81	0.98	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.54	0.26	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.18	0.22	0.27	0.33	0.39	0.46
B	1.00	0.57	0.31	0.17	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.20	0.24	0.29	0.33	0.38	0.45	0.51
C	1.00	0.61	0.37	0.24	0.18	0.16	0.16	0.16	0.17	0.20	0.22	0.25	0.28	0.32	0.40	0.48	0.57	0.67	0.76	0.88	1.00
D	1.00	0.64	0.42	0.30	0.24	0.22	0.21	0.22	0.24	0.27	0.31	0.35	0.39	0.44	0.55	0.67	0.80	0.93	1.00	1.00	1.00

HIGH RIDGES (4-6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.15	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.12	0.17	0.21	0.27	0.32	0.38	0.45
B	1.00	0.60	0.34	0.19	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.10	0.12	0.16	0.20	0.25	0.30	0.35	0.41	0.47
C	1.00	0.62	0.38	0.23	0.15	0.11	0.10	0.09	0.10	0.12	0.13	0.16	0.18	0.21	0.27	0.33	0.40	0.47	0.55	0.64	0.73
D	1.00	0.64	0.40	0.26	0.18	0.14	0.13	0.13	0.14	0.16	0.18	0.21	0.25	0.29	0.37	0.46	0.55	0.65	0.75	0.88	1.00

VERY HIGH RIDGES (>6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.15	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.12	0.17	0.21	0.27	0.32	0.38	0.45
B	1.00	0.59	0.33	0.17	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.09	0.14	0.18	0.23	0.28	0.33	0.39	0.46
C	1.00	0.60	0.34	0.18	0.09	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.10	0.12	0.16	0.21	0.26	0.32	0.37	0.44	0.51
D	1.00	0.60	0.35	0.19	0.11	0.07	0.05	0.05	0.06	0.07	0.09	0.11	0.13	0.16	0.22	0.28	0.35	0.42	0.49	0.58	0.68

10-YEAR STORM EI=60

COVER-MANAGEMENT CONDITION--2

VERY LOW RIDGES (0.5-2") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
B	1.00	0.54	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.53	0.65	0.78	0.92	1.00	1.00	1.00	1.00
C	1.00	0.65	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.58	0.66	0.75	0.85	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.59	0.54	0.53	0.53	0.54	0.59	0.66	0.75	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.35	0.42	0.48
B	1.00	0.57	0.34	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.36	0.45	0.54	0.63	0.73	0.83	0.96	1.00
C	1.00	0.64	0.44	0.35	0.32	0.31	0.31	0.33	0.36	0.41	0.46	0.52	0.59	0.66	0.81	0.98	1.00	1.00	1.00	1.00	1.00
D	1.00	0.69	0.52	0.44	0.41	0.40	0.40	0.43	0.48	0.54	0.61	0.69	0.78	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.55	0.27	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.19	0.24	0.29	0.34	0.40	0.47
B	1.00	0.59	0.35	0.21	0.15	0.15	0.15	0.15	0.15	0.15	0.17	0.19	0.22	0.25	0.31	0.37	0.44	0.52	0.59	0.68	0.78
C	1.00	0.64	0.42	0.30	0.24	0.22	0.21	0.22	0.24	0.27	0.31	0.35	0.39	0.44	0.55	0.67	0.80	0.93	1.00	1.00	1.00
D	1.00	0.67	0.47	0.36	0.30	0.28	0.28	0.29	0.32	0.36	0.41	0.46	0.53	0.60	0.75	0.91	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.16	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.13	0.18	0.22	0.27	0.33	0.39	0.45
B	1.00	0.61	0.36	0.21	0.13	0.09	0.08	0.08	0.08	0.09	0.10	0.12	0.14	0.16	0.21	0.26	0.32	0.37	0.43	0.51	0.58
C	1.00	0.64	0.40	0.26	0.18	0.14	0.13	0.13	0.14	0.16	0.18	0.21	0.25	0.29	0.37	0.46	0.55	0.65	0.75	0.88	1.00
D	1.00	0.65	0.43	0.29	0.22	0.18	0.17	0.17	0.18	0.21	0.25	0.29	0.33	0.39	0.50	0.62	0.75	0.89	1.00	1.00	1.00

VERY HIGH RIDGES (>6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.16	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.13	0.17	0.22	0.27	0.32	0.39	0.45
B	1.00	0.60	0.33	0.17	0.09	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.09	0.10	0.14	0.19	0.24	0.28	0.34	0.40	0.46
C	1.00	0.60	0.35	0.19	0.11	0.07	0.05	0.05	0.06	0.07	0.09	0.11	0.13	0.16	0.22	0.28	0.35	0.42	0.49	0.58	0.68
D	1.00	0.61	0.36	0.20	0.12	0.08	0.07	0.06	0.07	0.09	0.12	0.14	0.18	0.21	0.29	0.37	0.46	0.56	0.65	0.78	0.90

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=60

COVER-MANAGEMENT CONDITION--3

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.53	0.61	0.69
B	1.00	0.53	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.58	0.69	0.82	0.94	1.00	1.00	1.00
C	1.00	0.66	0.50	0.50	0.50	0.50	0.50	0.50	0.53	0.60	0.69	0.78	0.88	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.71	0.57	0.52	0.51	0.51	0.52	0.57	0.64	0.73	0.83	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.52	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.35	0.39	0.46	0.52
B	1.00	0.56	0.32	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.40	0.48	0.56	0.65	0.74	0.85	0.97
C	1.00	0.65	0.45	0.36	0.33	0.32	0.32	0.34	0.38	0.43	0.48	0.54	0.61	0.69	0.85	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.68	0.51	0.43	0.40	0.39	0.39	0.41	0.46	0.52	0.59	0.66	0.75	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.56	0.30	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.17	0.22	0.26	0.31	0.36	0.42	0.48
B	1.00	0.59	0.34	0.20	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.17	0.20	0.22	0.28	0.33	0.40	0.46	0.53	0.61	0.70
C	1.00	0.64	0.42	0.30	0.25	0.23	0.22	0.23	0.25	0.28	0.32	0.36	0.41	0.46	0.58	0.70	0.84	0.98	1.00	1.00	1.00
D	1.00	0.66	0.46	0.35	0.29	0.27	0.27	0.28	0.30	0.34	0.39	0.45	0.51	0.57	0.72	0.87	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.34	0.18	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.11	0.15	0.19	0.24	0.29	0.34	0.40	0.47
B	1.00	0.61	0.36	0.21	0.12	0.08	0.08	0.08	0.08	0.08	0.09	0.11	0.13	0.15	0.19	0.24	0.29	0.34	0.39	0.46	0.53
C	1.00	0.64	0.41	0.26	0.19	0.15	0.14	0.13	0.14	0.17	0.19	0.22	0.26	0.30	0.38	0.48	0.58	0.68	0.79	0.93	1.00
D	1.00	0.65	0.43	0.29	0.21	0.18	0.16	0.16	0.18	0.20	0.24	0.28	0.32	0.37	0.48	0.60	0.72	0.85	0.99	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.16	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.09	0.13	0.18	0.22	0.27	0.32	0.39	0.45
B	1.00	0.59	0.33	0.17	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.10	0.14	0.19	0.23	0.28	0.33	0.40	0.46
C	1.00	0.61	0.35	0.19	0.11	0.07	0.05	0.05	0.06	0.07	0.09	0.11	0.14	0.17	0.23	0.29	0.36	0.44	0.51	0.61	0.70
D	1.00	0.61	0.36	0.20	0.12	0.08	0.06	0.06	0.07	0.09	0.11	0.14	0.17	0.20	0.28	0.36	0.44	0.54	0.63	0.75	0.86

10-YEAR STORM EI=60

COVER-MANAGEMENT CONDITION--4

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.57	0.66	0.75
B	1.00	0.59	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.57	0.65	0.73	0.90	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.68	0.52	0.50	0.50	0.50	0.50	0.51	0.57	0.65	0.74	0.84	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.59	0.54	0.53	0.53	0.54	0.59	0.66	0.75	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.52	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.37	0.42	0.49	0.55
B	1.00	0.60	0.39	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.35	0.40	0.45	0.50	0.61	0.74	0.87	1.00	1.00	1.00	1.00
C	1.00	0.66	0.48	0.39	0.35	0.35	0.35	0.37	0.41	0.46	0.52	0.59	0.67	0.75	0.92	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.69	0.52	0.44	0.41	0.40	0.40	0.43	0.48	0.54	0.61	0.69	0.78	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.56	0.30	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.18	0.22	0.27	0.32	0.36	0.43	0.49
B	1.00	0.61	0.38	0.25	0.19	0.17	0.16	0.17	0.18	0.21	0.23	0.26	0.30	0.34	0.42	0.51	0.60	0.70	0.80	0.93	1.00
C	1.00	0.65	0.44	0.32	0.27	0.25	0.24	0.25	0.27	0.30	0.35	0.40	0.45	0.51	0.63	0.77	0.91	1.00	1.00	1.00	1.00
D	1.00	0.67	0.47	0.36	0.30	0.28	0.28	0.29	0.32	0.36	0.41	0.46	0.53	0.60	0.75	0.91	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.34	0.18	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.11	0.15	0.19	0.24	0.29	0.34	0.40	0.47
B	1.00	0.63	0.38	0.23	0.15	0.12	0.10	0.10	0.11	0.12	0.14	0.16	0.19	0.22	0.28	0.35	0.42	0.49	0.57	0.67	0.77
C	1.00	0.64	0.41	0.27	0.20	0.16	0.15	0.14	0.16	0.18	0.21	0.24	0.28	0.33	0.42	0.52	0.63	0.75	0.86	1.00	1.00
D	1.00	0.65	0.43	0.29	0.22	0.18	0.17	0.17	0.18	0.21	0.25	0.29	0.33	0.39	0.50	0.62	0.75	0.89	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.16	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.09	0.13	0.18	0.22	0.27	0.33	0.39	0.46
B	1.00	0.60	0.34	0.18	0.10	0.06	0.05	0.05	0.05	0.05	0.07	0.08	0.10	0.12	0.17	0.22	0.27	0.33	0.39	0.46	0.53
C	1.00	0.61	0.35	0.20	0.11	0.07	0.06	0.05	0.06	0.08	0.10	0.12	0.15	0.18	0.25	0.32	0.39	0.47	0.56	0.66	0.76
D	1.00	0.61	0.36	0.20	0.12	0.08	0.07	0.06	0.07	0.09	0.12	0.14	0.18	0.21	0.29	0.37	0.46	0.56	0.65	0.78	0.90

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=60

COVER-MANAGEMENT CONDITION--5

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.51	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.57	0.67	0.78	0.88	1.00	1.00
B	1.00	0.62	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.58	0.66	0.75	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.70	0.56	0.50	0.50	0.50	0.50	0.55	0.62	0.70	0.80	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.74	0.62	0.58	0.57	0.57	0.58	0.63	0.71	0.80	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.55	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.40	0.47	0.54	0.62	0.71	0.81
B	1.00	0.62	0.41	0.32	0.30	0.30	0.30	0.30	0.32	0.36	0.40	0.46	0.51	0.58	0.71	0.85	1.00	1.00	1.00	1.00	1.00
C	1.00	0.68	0.50	0.41	0.38	0.38	0.37	0.40	0.44	0.50	0.57	0.64	0.72	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.71	0.55	0.47	0.44	0.43	0.43	0.46	0.51	0.58	0.66	0.74	0.84	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.58	0.32	0.18	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.17	0.19	0.23	0.28	0.34	0.39	0.45	0.52	0.60
B	1.00	0.63	0.40	0.27	0.21	0.19	0.19	0.19	0.21	0.24	0.27	0.30	0.34	0.39	0.48	0.59	0.70	0.81	0.93	1.00	1.00
C	1.00	0.66	0.45	0.34	0.28	0.26	0.26	0.27	0.29	0.33	0.38	0.43	0.49	0.55	0.69	0.84	1.00	1.00	1.00	1.00	1.00
D	1.00	0.68	0.48	0.37	0.32	0.31	0.30	0.31	0.34	0.39	0.44	0.50	0.57	0.65	0.81	0.99	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.61	0.35	0.20	0.11	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.11	0.13	0.17	0.21	0.26	0.30	0.35	0.42	0.48
B	1.00	0.63	0.39	0.25	0.17	0.13	0.12	0.11	0.12	0.14	0.16	0.19	0.22	0.25	0.32	0.40	0.48	0.57	0.66	0.77	0.88
C	1.00	0.65	0.42	0.28	0.21	0.17	0.16	0.16	0.17	0.19	0.23	0.27	0.31	0.35	0.46	0.57	0.69	0.82	0.94	1.00	1.00
D	1.00	0.66	0.44	0.30	0.23	0.20	0.18	0.18	0.20	0.23	0.27	0.31	0.36	0.42	0.54	0.68	0.82	0.97	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.33	0.17	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.10	0.14	0.18	0.23	0.28	0.33	0.39	0.46
B	1.00	0.60	0.34	0.19	0.10	0.06	0.05	0.05	0.05	0.06	0.08	0.10	0.12	0.14	0.19	0.25	0.31	0.37	0.44	0.52	0.60
C	1.00	0.61	0.35	0.20	0.12	0.08	0.06	0.06	0.07	0.08	0.11	0.13	0.16	0.20	0.27	0.34	0.43	0.51	0.60	0.72	0.83
D	1.00	0.61	0.36	0.21	0.12	0.09	0.07	0.07	0.08	0.10	0.13	0.16	0.19	0.23	0.31	0.41	0.50	0.61	0.71	0.84	0.98

10-YEAR STORM EI=60

COVER-MANAGEMENT CONDITION--6

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.53	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.58	0.69	0.82	0.94	1.00	1.00	1.00
B	1.00	0.65	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.58	0.66	0.75	0.85	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.72	0.59	0.54	0.53	0.53	0.54	0.59	0.66	0.75	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.76	0.64	0.60	0.59	0.59	0.60	0.66	0.73	0.83	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.56	0.32	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.40	0.48	0.56	0.65	0.74	0.85	0.97
B	1.00	0.64	0.44	0.35	0.32	0.31	0.31	0.33	0.36	0.41	0.46	0.52	0.59	0.66	0.81	0.98	1.00	1.00	1.00	1.00	1.00
C	1.00	0.69	0.52	0.44	0.41	0.40	0.40	0.43	0.48	0.54	0.61	0.69	0.78	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.56	0.48	0.46	0.45	0.45	0.48	0.53	0.60	0.68	0.77	0.87	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.34	0.20	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.17	0.20	0.22	0.28	0.33	0.40	0.46	0.53	0.61	0.70
B	1.00	0.64	0.42	0.30	0.24	0.22	0.21	0.22	0.24	0.27	0.31	0.35	0.39	0.44	0.55	0.67	0.80	0.93	1.00	1.00	1.00
C	1.00	0.67	0.47	0.36	0.30	0.28	0.28	0.29	0.32	0.36	0.41	0.46	0.53	0.60	0.75	0.91	1.00	1.00	1.00	1.00	1.00
D	1.00	0.68	0.49	0.38	0.33	0.32	0.31	0.32	0.35	0.40	0.46	0.52	0.59	0.67	0.84	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.61	0.36	0.21	0.12	0.08	0.08	0.08	0.08	0.08	0.09	0.11	0.13	0.15	0.19	0.24	0.29	0.34	0.39	0.46	0.53
B	1.00	0.64	0.40	0.26	0.18	0.14	0.13	0.13	0.14	0.16	0.18	0.21	0.25	0.29	0.37	0.46	0.55	0.65	0.75	0.88	1.00
C	1.00	0.65	0.43	0.29	0.22	0.18	0.17	0.17	0.18	0.21	0.25	0.29	0.33	0.39	0.50	0.62	0.75	0.89	1.00	1.00	1.00
D	1.00	0.66	0.44	0.31	0.24	0.20	0.19	0.19	0.20	0.24	0.28	0.32	0.38	0.44	0.57	0.71	0.86	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.33	0.17	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.10	0.14	0.19	0.23	0.28	0.33	0.40	0.46
B	1.00	0.60	0.35	0.19	0.11	0.07	0.05	0.05	0.06	0.07	0.09	0.11	0.13	0.16	0.22	0.28	0.35	0.42	0.49	0.58	0.68
C	1.00	0.61	0.36	0.20	0.12	0.08	0.07	0.06	0.07	0.09	0.12	0.14	0.18	0.21	0.29	0.37	0.46	0.56	0.65	0.78	0.90
D	1.00	0.61	0.36	0.21	0.13	0.09	0.07	0.07	0.08	0.10	0.13	0.16	0.20	0.24	0.33	0.42	0.52	0.63	0.74	0.88	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=60

COVER-MANAGEMENT CONDITION--7

VERY LOW RIDGES (0.5-2")

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.64	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.56	0.63	0.72	0.81	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00
B	1.00	0.73	0.61	0.56	0.55	0.55	0.56	0.61	0.69	0.78	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.80	0.70	0.66	0.65	0.65	0.67	0.72	0.80	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.84	0.76	0.73	0.72	0.72	0.74	0.79	0.87	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.63	0.43	0.34	0.30	0.30	0.30	0.31	0.35	0.39	0.44	0.50	0.56	0.63	0.78	0.93	1.00	1.00	1.00	1.00	1.00
B	1.00	0.70	0.53	0.46	0.43	0.42	0.42	0.45	0.50	0.56	0.63	0.72	0.81	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.74	0.60	0.53	0.51	0.50	0.50	0.53	0.59	0.66	0.75	0.85	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.77	0.64	0.58	0.56	0.55	0.55	0.59	0.65	0.73	0.82	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.63	0.41	0.29	0.23	0.21	0.20	0.21	0.23	0.26	0.29	0.33	0.38	0.42	0.53	0.64	0.76	0.89	1.00	1.00	1.00
B	1.00	0.67	0.47	0.37	0.31	0.29	0.29	0.30	0.33	0.37	0.42	0.48	0.55	0.62	0.78	0.95	1.00	1.00	1.00	1.00	1.00
C	1.00	0.70	0.52	0.42	0.37	0.35	0.35	0.35	0.39	0.45	0.51	0.58	0.67	0.75	0.95	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.54	0.45	0.40	0.39	0.38	0.39	0.43	0.49	0.57	0.65	0.74	0.84	1.00	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.64	0.40	0.26	0.18	0.14	0.13	0.12	0.13	0.15	0.18	0.21	0.24	0.27	0.35	0.44	0.53	0.62	0.72	0.84	0.97
B	1.00	0.66	0.43	0.30	0.23	0.19	0.18	0.17	0.19	0.22	0.26	0.30	0.35	0.40	0.52	0.65	0.79	0.93	1.00	1.00	1.00
C	1.00	0.67	0.46	0.33	0.26	0.22	0.21	0.21	0.23	0.26	0.31	0.36	0.43	0.49	0.64	0.80	0.97	1.00	1.00	1.00	1.00
D	1.00	0.68	0.47	0.35	0.28	0.24	0.23	0.23	0.25	0.29	0.35	0.41	0.48	0.56	0.72	0.91	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.35	0.19	0.10	0.06	0.05	0.05	0.05	0.07	0.08	0.10	0.13	0.15	0.21	0.27	0.33	0.40	0.47	0.56	0.65
B	1.00	0.61	0.36	0.21	0.12	0.08	0.07	0.06	0.08	0.10	0.12	0.15	0.18	0.22	0.30	0.39	0.48	0.58	0.68	0.81	0.94
C	1.00	0.62	0.37	0.22	0.13	0.09	0.08	0.08	0.09	0.11	0.15	0.18	0.22	0.27	0.37	0.48	0.59	0.71	0.84	1.00	1.00
D	1.00	0.62	0.37	0.22	0.14	0.10	0.09	0.09	0.10	0.13	0.16	0.21	0.25	0.30	0.42	0.54	0.67	0.81	0.95	1.00	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=70

COVER-MANAGEMENT CONDITION--1

VERY LOW RIDGES (0.5-2") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
B	1.00	0.51	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.61	0.72	0.83	0.94	1.00	1.00
C	1.00	0.62	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.52	0.59	0.67	0.76	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.69	0.54	0.50	0.50	0.50	0.50	0.54	0.60	0.69	0.78	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.48	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.40	0.46
B	1.00	0.55	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.35	0.42	0.50	0.58	0.66	0.76	0.86
C	1.00	0.62	0.42	0.32	0.30	0.30	0.30	0.30	0.32	0.36	0.41	0.46	0.52	0.58	0.72	0.87	1.00	1.00	1.00	1.00	1.00
D	1.00	0.67	0.49	0.40	0.37	0.37	0.36	0.39	0.43	0.49	0.55	0.62	0.70	0.79	0.97	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.54	0.26	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.18	0.22	0.27	0.33	0.39	0.46
B	1.00	0.58	0.33	0.19	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.18	0.20	0.25	0.30	0.36	0.42	0.48	0.55	0.63
C	1.00	0.63	0.40	0.28	0.22	0.19	0.19	0.19	0.21	0.24	0.27	0.31	0.35	0.39	0.49	0.59	0.71	0.82	0.94	1.00	1.00
D	1.00	0.66	0.45	0.33	0.28	0.26	0.25	0.26	0.28	0.32	0.37	0.42	0.47	0.53	0.67	0.81	0.97	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.15	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.12	0.17	0.21	0.27	0.32	0.38	0.45
B	1.00	0.61	0.35	0.20	0.12	0.08	0.08	0.08	0.08	0.08	0.08	0.10	0.11	0.13	0.17	0.21	0.26	0.31	0.36	0.42	0.48
C	1.00	0.63	0.39	0.25	0.17	0.13	0.12	0.11	0.12	0.14	0.16	0.19	0.22	0.25	0.33	0.40	0.49	0.58	0.67	0.78	0.90
D	1.00	0.65	0.42	0.28	0.20	0.17	0.15	0.15	0.16	0.19	0.22	0.26	0.30	0.34	0.44	0.55	0.67	0.79	0.92	1.00	1.00

VERY HIGH RIDGES (>6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.15	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.12	0.17	0.21	0.27	0.32	0.38	0.45
B	1.00	0.59	0.33	0.17	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.10	0.14	0.18	0.23	0.28	0.33	0.40	0.46
C	1.00	0.60	0.34	0.19	0.10	0.06	0.05	0.05	0.05	0.06	0.08	0.10	0.12	0.14	0.19	0.25	0.31	0.38	0.44	0.52	0.61
D	1.00	0.61	0.35	0.20	0.11	0.07	0.06	0.06	0.07	0.08	0.10	0.13	0.16	0.19	0.26	0.33	0.41	0.50	0.59	0.69	0.80

10-YEAR STORM EI=70

COVER-MANAGEMENT CONDITION--2

VERY LOW RIDGES (0.5-2") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
B	1.00	0.58	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.53	0.59	0.67	0.82	0.99	1.00	1.00	1.00	1.00	1.00
C	1.00	0.69	0.54	0.50	0.50	0.50	0.50	0.54	0.60	0.69	0.78	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.77	0.66	0.62	0.61	0.61	0.63	0.68	0.76	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.51	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.36	0.43	0.49
B	1.00	0.59	0.37	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.36	0.41	0.46	0.56	0.68	0.80	0.92	1.00	1.00	1.00
C	1.00	0.67	0.49	0.40	0.37	0.37	0.36	0.39	0.43	0.49	0.55	0.62	0.70	0.79	0.97	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.57	0.50	0.47	0.47	0.47	0.50	0.55	0.62	0.71	0.80	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.55	0.28	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.20	0.25	0.30	0.35	0.41	0.47
B	1.00	0.61	0.37	0.24	0.18	0.16	0.15	0.15	0.17	0.19	0.21	0.24	0.27	0.31	0.38	0.46	0.55	0.64	0.73	0.85	0.97
C	1.00	0.66	0.45	0.33	0.28	0.26	0.25	0.26	0.28	0.32	0.37	0.42	0.47	0.53	0.67	0.81	0.97	1.00	1.00	1.00	1.00
D	1.00	0.69	0.50	0.40	0.35	0.33	0.32	0.33	0.37	0.42	0.48	0.54	0.62	0.70	0.88	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.33	0.17	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.10	0.14	0.18	0.23	0.28	0.33	0.39	0.46
B	1.00	0.62	0.38	0.23	0.15	0.11	0.09	0.09	0.10	0.11	0.13	0.15	0.17	0.20	0.26	0.32	0.39	0.46	0.53	0.62	0.71
C	1.00	0.65	0.42	0.28	0.20	0.17	0.15	0.15	0.16	0.19	0.22	0.26	0.30	0.34	0.44	0.55	0.67	0.79	0.92	1.00	1.00
D	1.00	0.67	0.45	0.32	0.24	0.21	0.20	0.19	0.21	0.25	0.29	0.34	0.40	0.46	0.59	0.74	0.90	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.16	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.09	0.13	0.17	0.22	0.27	0.32	0.39	0.45
B	1.00	0.60	0.34	0.18	0.09	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.10	0.12	0.16	0.21	0.26	0.31	0.36	0.43	0.50
C	1.00	0.61	0.35	0.20	0.11	0.07	0.06	0.06	0.07	0.08	0.10	0.13	0.16	0.19	0.26	0.33	0.41	0.50	0.59	0.69	0.80
D	1.00	0.62	0.36	0.21	0.13	0.09	0.08	0.07	0.09	0.11	0.14	0.17	0.21	0.25	0.34	0.44	0.55	0.66	0.78	0.92	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=70

COVER-MANAGEMENT CONDITION--3

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.54	0.62	0.71	0.81	0.92
B	1.00	0.56	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.53	0.60	0.74	0.89	1.00	1.00	1.00	1.00	1.00
C	1.00	0.70	0.56	0.51	0.50	0.50	0.51	0.56	0.63	0.71	0.81	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.76	0.64	0.60	0.59	0.59	0.61	0.66	0.74	0.83	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.53	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.38	0.44	0.51	0.58	0.66
B	1.00	0.58	0.35	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.37	0.41	0.50	0.61	0.71	0.82	0.94	1.00	1.00
C	1.00	0.68	0.50	0.42	0.39	0.38	0.38	0.40	0.45	0.50	0.57	0.65	0.73	0.82	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.56	0.49	0.46	0.45	0.45	0.48	0.53	0.60	0.68	0.77	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.57	0.31	0.17	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.19	0.24	0.28	0.33	0.38	0.44	0.50
B	1.00	0.60	0.36	0.23	0.16	0.15	0.15	0.15	0.15	0.17	0.19	0.22	0.25	0.28	0.35	0.42	0.50	0.58	0.66	0.77	0.87
C	1.00	0.66	0.45	0.34	0.29	0.27	0.26	0.27	0.30	0.33	0.38	0.43	0.49	0.56	0.70	0.85	1.00	1.00	1.00	1.00	1.00
D	1.00	0.68	0.49	0.39	0.34	0.32	0.31	0.32	0.35	0.40	0.46	0.53	0.60	0.68	0.85	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.34	0.19	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.10	0.12	0.16	0.20	0.25	0.30	0.35	0.41	0.47
B	1.00	0.62	0.37	0.22	0.14	0.10	0.08	0.08	0.09	0.10	0.12	0.14	0.16	0.18	0.23	0.29	0.35	0.41	0.48	0.56	0.64
C	1.00	0.65	0.42	0.28	0.21	0.17	0.16	0.16	0.17	0.20	0.23	0.27	0.31	0.36	0.46	0.58	0.70	0.83	0.96	1.00	1.00
D	1.00	0.66	0.44	0.31	0.24	0.20	0.19	0.19	0.21	0.24	0.28	0.33	0.38	0.44	0.57	0.71	0.86	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.33	0.16	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.09	0.14	0.18	0.23	0.28	0.33	0.39	0.46
B	1.00	0.60	0.34	0.18	0.09	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.09	0.11	0.15	0.19	0.24	0.29	0.34	0.40	0.46
C	1.00	0.61	0.36	0.20	0.12	0.08	0.06	0.06	0.07	0.09	0.11	0.13	0.16	0.20	0.27	0.35	0.43	0.52	0.61	0.72	0.84
D	1.00	0.61	0.36	0.21	0.13	0.09	0.07	0.07	0.08	0.10	0.13	0.16	0.20	0.24	0.33	0.42	0.53	0.64	0.75	0.89	1.00

10-YEAR STORM EI=70

COVER-MANAGEMENT CONDITION--4

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.58	0.67	0.76	0.88	0.99
B	1.00	0.63	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.54	0.62	0.70	0.79	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.72	0.59	0.54	0.53	0.53	0.55	0.60	0.67	0.76	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.77	0.66	0.62	0.61	0.61	0.63	0.68	0.76	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.54	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.35	0.41	0.47	0.54	0.62	0.71
B	1.00	0.63	0.43	0.33	0.30	0.30	0.30	0.30	0.34	0.38	0.43	0.48	0.55	0.61	0.75	0.91	1.00	1.00	1.00	1.00	1.00
C	1.00	0.69	0.52	0.44	0.41	0.41	0.41	0.43	0.48	0.54	0.61	0.70	0.78	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.57	0.50	0.47	0.47	0.47	0.50	0.55	0.62	0.71	0.80	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.57	0.32	0.17	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.21	0.25	0.30	0.35	0.40	0.47	0.53
B	1.00	0.63	0.41	0.28	0.22	0.20	0.20	0.20	0.22	0.25	0.28	0.32	0.37	0.41	0.51	0.62	0.74	0.86	0.99	1.00	1.00
C	1.00	0.67	0.47	0.36	0.31	0.29	0.28	0.29	0.32	0.36	0.41	0.47	0.53	0.60	0.75	0.92	1.00	1.00	1.00	1.00	1.00
D	1.00	0.69	0.50	0.40	0.35	0.33	0.32	0.33	0.37	0.42	0.48	0.54	0.62	0.70	0.88	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.35	0.19	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.10	0.12	0.16	0.20	0.25	0.30	0.35	0.41	0.47
B	1.00	0.63	0.40	0.25	0.17	0.14	0.12	0.12	0.13	0.15	0.17	0.20	0.23	0.26	0.34	0.42	0.51	0.60	0.70	0.82	0.94
C	1.00	0.66	0.43	0.30	0.22	0.19	0.17	0.17	0.18	0.21	0.25	0.29	0.34	0.39	0.50	0.63	0.76	0.90	1.00	1.00	1.00
D	1.00	0.67	0.45	0.32	0.24	0.21	0.20	0.19	0.21	0.25	0.29	0.34	0.40	0.46	0.59	0.74	0.90	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.33	0.17	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.10	0.14	0.18	0.23	0.28	0.33	0.39	0.46
B	1.00	0.60	0.35	0.19	0.10	0.06	0.05	0.05	0.05	0.06	0.08	0.10	0.12	0.15	0.20	0.26	0.33	0.39	0.46	0.54	0.63
C	1.00	0.61	0.36	0.20	0.12	0.08	0.07	0.06	0.07	0.09	0.12	0.15	0.18	0.21	0.29	0.38	0.47	0.56	0.66	0.78	0.91
D	1.00	0.62	0.36	0.21	0.13	0.09	0.08	0.07	0.08	0.11	0.14	0.17	0.21	0.25	0.34	0.44	0.55	0.66	0.78	0.92	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=70

COVER-MANAGEMENT CONDITION--5

VERY LOW RIDGES (0.5-2") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.54	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.62	0.74	0.87	1.00	1.00	1.00	1.00
B	1.00	0.66	0.50	0.50	0.50	0.50	0.50	0.50	0.54	0.61	0.70	0.79	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.75	0.63	0.58	0.57	0.57	0.58	0.64	0.72	0.81	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.80	0.70	0.66	0.66	0.65	0.67	0.72	0.80	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.57	0.33	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.35	0.42	0.51	0.60	0.69	0.79	0.91	1.00
B	1.00	0.65	0.46	0.37	0.33	0.32	0.32	0.34	0.38	0.43	0.49	0.55	0.62	0.70	0.86	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.71	0.55	0.47	0.44	0.44	0.44	0.47	0.52	0.58	0.66	0.75	0.84	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.74	0.60	0.53	0.51	0.50	0.50	0.53	0.59	0.66	0.75	0.85	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.34	0.21	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.18	0.21	0.24	0.29	0.36	0.42	0.49	0.56	0.65	0.74
B	1.00	0.64	0.43	0.31	0.25	0.23	0.22	0.23	0.25	0.28	0.32	0.37	0.42	0.47	0.59	0.71	0.85	0.99	1.00	1.00	1.00
C	1.00	0.68	0.48	0.38	0.33	0.31	0.30	0.31	0.34	0.39	0.44	0.51	0.58	0.65	0.82	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.70	0.52	0.42	0.37	0.35	0.35	0.36	0.39	0.45	0.51	0.58	0.67	0.75	0.95	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.61	0.36	0.21	0.13	0.09	0.08	0.08	0.08	0.09	0.10	0.12	0.13	0.16	0.20	0.25	0.30	0.36	0.41	0.48	0.56
B	1.00	0.64	0.41	0.27	0.19	0.15	0.14	0.13	0.15	0.17	0.20	0.23	0.26	0.30	0.39	0.48	0.59	0.69	0.80	0.94	1.00
C	1.00	0.66	0.44	0.31	0.23	0.20	0.18	0.18	0.20	0.23	0.27	0.31	0.37	0.42	0.55	0.68	0.83	0.98	1.00	1.00	1.00
D	1.00	0.67	0.46	0.33	0.26	0.22	0.21	0.21	0.23	0.26	0.31	0.37	0.43	0.49	0.64	0.80	0.98	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.33	0.17	0.09	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.08	0.10	0.14	0.19	0.23	0.28	0.33	0.40	0.46
B	1.00	0.61	0.35	0.19	0.11	0.07	0.05	0.05	0.06	0.07	0.09	0.11	0.14	0.17	0.23	0.30	0.37	0.44	0.52	0.62	0.71
C	1.00	0.61	0.36	0.21	0.13	0.09	0.07	0.07	0.08	0.10	0.13	0.16	0.19	0.23	0.32	0.41	0.51	0.61	0.72	0.85	0.99
D	1.00	0.62	0.37	0.22	0.13	0.10	0.08	0.08	0.09	0.11	0.15	0.18	0.22	0.27	0.37	0.48	0.59	0.72	0.84	1.00	1.00

10-YEAR STORM EI=70

COVER-MANAGEMENT CONDITION--6

VERY LOW RIDGES (0.5-2") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.56	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.53	0.60	0.74	0.89	1.00	1.00	1.00	1.00	1.00
B	1.00	0.69	0.54	0.50	0.50	0.50	0.50	0.54	0.60	0.69	0.78	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.77	0.66	0.62	0.61	0.61	0.63	0.68	0.76	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.81	0.72	0.68	0.68	0.68	0.69	0.75	0.83	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.58	0.35	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.37	0.41	0.50	0.61	0.71	0.82	0.94	1.00	1.00
B	1.00	0.67	0.49	0.40	0.37	0.37	0.36	0.39	0.43	0.49	0.55	0.62	0.70	0.79	0.97	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.72	0.57	0.50	0.47	0.47	0.47	0.50	0.55	0.62	0.71	0.80	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.75	0.61	0.55	0.52	0.52	0.52	0.55	0.61	0.69	0.78	0.88	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.36	0.23	0.16	0.15	0.15	0.15	0.15	0.17	0.19	0.22	0.25	0.28	0.35	0.42	0.50	0.58	0.66	0.77	0.87
B	1.00	0.66	0.45	0.33	0.28	0.26	0.25	0.26	0.28	0.32	0.37	0.42	0.47	0.53	0.67	0.81	0.97	1.00	1.00	1.00	1.00
C	1.00	0.69	0.50	0.40	0.35	0.33	0.32	0.33	0.37	0.42	0.48	0.54	0.62	0.70	0.88	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.70	0.52	0.43	0.38	0.36	0.36	0.37	0.41	0.46	0.53	0.61	0.69	0.78	0.98	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.62	0.37	0.22	0.14	0.10	0.08	0.08	0.09	0.10	0.12	0.14	0.16	0.18	0.23	0.29	0.35	0.41	0.48	0.56	0.64
B	1.00	0.65	0.42	0.28	0.20	0.17	0.15	0.15	0.16	0.19	0.22	0.26	0.30	0.34	0.44	0.55	0.67	0.79	0.92	1.00	1.00
C	1.00	0.67	0.45	0.32	0.24	0.21	0.20	0.19	0.21	0.25	0.29	0.34	0.40	0.46	0.59	0.74	0.90	1.00	1.00	1.00	1.00
D	1.00	0.67	0.46	0.33	0.26	0.23	0.22	0.21	0.24	0.27	0.32	0.38	0.44	0.51	0.67	0.84	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.34	0.18	0.09	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.09	0.11	0.15	0.19	0.24	0.29	0.34	0.40	0.46
B	1.00	0.61	0.35	0.20	0.11	0.07	0.06	0.06	0.07	0.08	0.10	0.13	0.16	0.19	0.26	0.33	0.41	0.50	0.59	0.69	0.80
C	1.00	0.62	0.36	0.21	0.13	0.09	0.08	0.07	0.08	0.11	0.14	0.17	0.21	0.25	0.34	0.44	0.55	0.66	0.78	0.92	1.00
D	1.00	0.62	0.37	0.22	0.14	0.10	0.08	0.08	0.09	0.12	0.15	0.19	0.23	0.28	0.38	0.50	0.62	0.75	0.88	1.00	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=70

COVER-MANAGEMENT CONDITION--7

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.68	0.53	0.50	0.50	0.50	0.50	0.52	0.58	0.66	0.75	0.85	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
B	1.00	0.78	0.68	0.64	0.63	0.63	0.65	0.70	0.78	0.88	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.85	0.76	0.75	0.74	0.74	0.76	0.81	0.89	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.89	0.84	0.82	0.82	0.82	0.83	0.87	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.66	0.40	0.39	0.36	0.35	0.35	0.37	0.41	0.47	0.53	0.60	0.67	0.76	0.93	1.00	1.00	1.00	1.00	1.00	1.00
B	1.00	0.73	0.59	0.52	0.49	0.48	0.48	0.52	0.57	0.64	0.73	0.82	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.78	0.65	0.60	0.57	0.57	0.57	0.60	0.67	0.75	0.85	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.80	0.70	0.65	0.63	0.62	0.62	0.66	0.73	0.81	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.65	0.44	0.32	0.27	0.25	0.24	0.25	0.27	0.31	0.35	0.40	0.45	0.51	0.64	0.78	0.93	1.00	1.00	1.00	1.00
B	1.00	0.69	0.51	0.41	0.36	0.34	0.34	0.34	0.38	0.43	0.49	0.56	0.64	0.73	0.91	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.72	0.55	0.46	0.41	0.40	0.39	0.40	0.45	0.51	0.58	0.67	0.76	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.74	0.58	0.49	0.45	0.44	0.43	0.44	0.49	0.56	0.64	0.74	0.84	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.65	0.41	0.28	0.20	0.16	0.15	0.15	0.16	0.18	0.21	0.25	0.29	0.33	0.42	0.53	0.64	0.76	0.88	1.00	1.00
B	1.00	0.67	0.45	0.32	0.25	0.22	0.20	0.20	0.22	0.26	0.30	0.35	0.41	0.48	0.62	0.77	0.94	1.00	1.00	1.00	1.00
C	1.00	0.68	0.48	0.35	0.28	0.25	0.24	0.24	0.26	0.30	0.36	0.42	0.50	0.57	0.75	0.94	1.00	1.00	1.00	1.00	1.00
D	1.00	0.69	0.49	0.37	0.30	0.27	0.26	0.26	0.29	0.33	0.40	0.47	0.55	0.64	0.84	1.00	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.61	0.35	0.20	0.11	0.07	0.06	0.05	0.06	0.08	0.10	0.12	0.15	0.18	0.25	0.32	0.40	0.48	0.56	0.67	0.77
B	1.00	0.62	0.37	0.21	0.13	0.09	0.08	0.07	0.09	0.11	0.14	0.18	0.22	0.26	0.35	0.46	0.57	0.69	0.81	0.96	1.00
C	1.00	0.62	0.38	0.23	0.14	0.11	0.09	0.09	0.10	0.13	0.17	0.21	0.26	0.31	0.43	0.56	0.70	0.84	0.99	1.00	1.00
D	1.00	0.62	0.38	0.23	0.15	0.11	0.10	0.10	0.11	0.15	0.19	0.24	0.29	0.35	0.48	0.63	0.78	0.95	1.00	1.00	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=80

COVER-MANAGEMENT CONDITION--1

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
B	1.00	0.54	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.52	0.64	0.77	0.91	1.00	1.00	1.00	1.00
C	1.00	0.66	0.50	0.50	0.50	0.50	0.50	0.50	0.54	0.61	0.69	0.79	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.73	0.61	0.56	0.55	0.55	0.56	0.62	0.69	0.78	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.48	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.40	0.46
B	1.00	0.57	0.33	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.36	0.44	0.53	0.62	0.72	0.82	0.95	1.00
C	1.00	0.65	0.46	0.37	0.33	0.32	0.32	0.34	0.38	0.43	0.49	0.55	0.62	0.69	0.86	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.70	0.53	0.46	0.43	0.42	0.42	0.45	0.50	0.56	0.64	0.72	0.81	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.54	0.26	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.18	0.22	0.27	0.33	0.39	0.46
B	1.00	0.59	0.35	0.21	0.15	0.15	0.15	0.15	0.15	0.15	0.17	0.19	0.22	0.24	0.30	0.37	0.44	0.51	0.58	0.68	0.77
C	1.00	0.64	0.43	0.31	0.25	0.23	0.22	0.23	0.25	0.28	0.32	0.37	0.42	0.47	0.59	0.71	0.85	0.99	1.00	1.00	1.00
D	1.00	0.67	0.48	0.37	0.32	0.30	0.29	0.30	0.33	0.37	0.43	0.49	0.55	0.62	0.78	0.95	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.15	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.12	0.17	0.21	0.27	0.32	0.38	0.45
B	1.00	0.61	0.36	0.21	0.13	0.09	0.08	0.08	0.08	0.09	0.10	0.12	0.14	0.16	0.21	0.26	0.31	0.37	0.43	0.50	0.57
C	1.00	0.64	0.41	0.27	0.19	0.15	0.14	0.13	0.15	0.17	0.19	0.23	0.26	0.30	0.39	0.48	0.58	0.69	0.80	0.94	1.00
D	1.00	0.66	0.43	0.30	0.23	0.19	0.18	0.17	0.19	0.22	0.26	0.30	0.35	0.40	0.52	0.65	0.79	0.94	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.15	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.12	0.17	0.21	0.27	0.32	0.38	0.45
B	1.00	0.60	0.33	0.17	0.09	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.09	0.10	0.14	0.19	0.24	0.28	0.33	0.40	0.46
C	1.00	0.61	0.35	0.19	0.11	0.07	0.05	0.05	0.06	0.07	0.09	0.11	0.14	0.17	0.23	0.29	0.37	0.44	0.52	0.61	0.71
D	1.00	0.61	0.36	0.21	0.12	0.08	0.07	0.06	0.08	0.10	0.12	0.15	0.18	0.22	0.30	0.39	0.49	0.58	0.69	0.81	0.94

10-YEAR STORM EI=80

COVER-MANAGEMENT CONDITION--2

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.55	0.62
B	1.00	0.61	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.56	0.64	0.72	0.80	0.99	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.73	0.61	0.56	0.55	0.55	0.56	0.62	0.69	0.78	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.82	0.73	0.70	0.69	0.69	0.71	0.76	0.84	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.52	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.33	0.38	0.44	0.50
B	1.00	0.62	0.41	0.31	0.30	0.30	0.30	0.30	0.31	0.34	0.39	0.44	0.49	0.55	0.68	0.82	0.97	1.00	1.00	1.00	1.00
C	1.00	0.70	0.53	0.46	0.43	0.42	0.42	0.45	0.50	0.56	0.64	0.72	0.81	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.76	0.62	0.56	0.54	0.53	0.53	0.56	0.62	0.70	0.79	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.56	0.29	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.17	0.21	0.26	0.31	0.36	0.42	0.48
B	1.00	0.62	0.39	0.27	0.21	0.19	0.18	0.18	0.20	0.23	0.26	0.29	0.33	0.37	0.46	0.56	0.67	0.78	0.89	1.00	1.00
C	1.00	0.67	0.48	0.37	0.32	0.30	0.29	0.30	0.33	0.37	0.43	0.49	0.55	0.62	0.78	0.95	1.00	1.00	1.00	1.00	1.00
D	1.00	0.71	0.53	0.43	0.39	0.37	0.37	0.38	0.42	0.47	0.54	0.62	0.71	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.33	0.17	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.10	0.15	0.19	0.24	0.29	0.34	0.40	0.46
B	1.00	0.63	0.39	0.24	0.16	0.13	0.11	0.11	0.12	0.13	0.16	0.18	0.21	0.24	0.31	0.38	0.46	0.55	0.63	0.74	0.85
C	1.00	0.66	0.43	0.30	0.23	0.19	0.18	0.17	0.19	0.22	0.26	0.30	0.35	0.40	0.52	0.65	0.79	0.94	1.00	1.00	1.00
D	1.00	0.68	0.47	0.34	0.27	0.24	0.22	0.22	0.24	0.28	0.33	0.39	0.46	0.53	0.69	0.86	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.32	0.16	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.09	0.13	0.17	0.22	0.27	0.32	0.39	0.45
B	1.00	0.60	0.34	0.19	0.10	0.06	0.05	0.05	0.05	0.06	0.07	0.09	0.11	0.14	0.19	0.24	0.30	0.36	0.42	0.50	0.58
C	1.00	0.61	0.36	0.21	0.12	0.08	0.07	0.06	0.08	0.10	0.12	0.15	0.18	0.22	0.30	0.39	0.49	0.58	0.69	0.81	0.94
D	1.00	0.62	0.37	0.22	0.14	0.10	0.09	0.08	0.10	0.12	0.16	0.20	0.24	0.29	0.40	0.51	0.64	0.77	0.90	1.00	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=80

COVER-MANAGEMENT CONDITION--3

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.51	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.59	0.69	0.80	0.91	1.00	1.00
B	1.00	0.59	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.58	0.65	0.73	0.90	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.75	0.63	0.58	0.57	0.57	0.58	0.64	0.71	0.81	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.81	0.71	0.68	0.67	0.67	0.69	0.74	0.82	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.55	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.34	0.41	0.48	0.56	0.63	0.73	0.83
B	1.00	0.60	0.39	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.35	0.40	0.45	0.50	0.62	0.74	0.87	1.00	1.00	1.00	1.00
C	1.00	0.71	0.55	0.47	0.44	0.44	0.44	0.46	0.52	0.58	0.66	0.74	0.84	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.75	0.61	0.54	0.52	0.51	0.51	0.55	0.61	0.68	0.77	0.87	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.58	0.33	0.19	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.17	0.19	0.24	0.29	0.35	0.40	0.46	0.54	0.61
B	1.00	0.61	0.38	0.25	0.19	0.17	0.16	0.17	0.18	0.21	0.23	0.26	0.30	0.34	0.42	0.51	0.60	0.70	0.80	0.93	1.00
C	1.00	0.68	0.48	0.38	0.33	0.31	0.30	0.31	0.34	0.39	0.44	0.50	0.57	0.65	0.81	0.99	1.00	1.00	1.00	1.00	1.00
D	1.00	0.70	0.52	0.42	0.38	0.36	0.36	0.37	0.40	0.46	0.53	0.60	0.69	0.78	0.98	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.61	0.35	0.20	0.11	0.08	0.08	0.08	0.08	0.08	0.08	0.10	0.11	0.13	0.17	0.21	0.26	0.31	0.35	0.42	0.48
B	1.00	0.63	0.38	0.23	0.15	0.12	0.10	0.10	0.11	0.12	0.14	0.16	0.19	0.22	0.28	0.35	0.42	0.50	0.57	0.67	0.77
C	1.00	0.66	0.44	0.31	0.23	0.20	0.18	0.18	0.20	0.23	0.27	0.31	0.36	0.42	0.54	0.68	0.82	0.98	1.00	1.00	1.00
D	1.00	0.67	0.46	0.33	0.26	0.23	0.22	0.21	0.23	0.27	0.32	0.38	0.44	0.51	0.66	0.83	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.33	0.17	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.10	0.14	0.18	0.23	0.28	0.33	0.40	0.46
B	1.00	0.60	0.34	0.18	0.10	0.06	0.05	0.05	0.05	0.05	0.07	0.09	0.10	0.13	0.17	0.22	0.27	0.33	0.39	0.46	0.53
C	1.00	0.61	0.36	0.21	0.12	0.09	0.07	0.07	0.08	0.10	0.13	0.16	0.19	0.23	0.31	0.41	0.51	0.61	0.71	0.85	0.98
D	1.00	0.62	0.37	0.22	0.14	0.10	0.08	0.08	0.09	0.12	0.15	0.19	0.23	0.28	0.38	0.49	0.61	0.74	0.87	1.00	1.00

10-YEAR STORM EI=80

COVER-MANAGEMENT CONDITION--4

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.52	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.53	0.63	0.74	0.86	0.98	1.00	1.00
B	1.00	0.67	0.51	0.50	0.50	0.50	0.50	0.50	0.56	0.63	0.72	0.82	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.77	0.66	0.62	0.61	0.61	0.62	0.68	0.76	0.85	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.82	0.73	0.70	0.69	0.69	0.71	0.76	0.84	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.55	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.36	0.44	0.52	0.60	0.68	0.78	0.89
B	1.00	0.66	0.47	0.38	0.34	0.34	0.34	0.36	0.40	0.45	0.51	0.57	0.65	0.72	0.89	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.72	0.57	0.50	0.47	0.47	0.47	0.50	0.55	0.62	0.70	0.79	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.76	0.62	0.56	0.54	0.53	0.53	0.56	0.62	0.70	0.79	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.58	0.33	0.19	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.18	0.20	0.25	0.31	0.37	0.43	0.49	0.57	0.65
B	1.00	0.65	0.43	0.31	0.26	0.24	0.23	0.24	0.26	0.30	0.34	0.38	0.43	0.49	0.61	0.74	0.88	1.00	1.00	1.00	1.00
C	1.00	0.69	0.50	0.39	0.35	0.33	0.32	0.33	0.37	0.41	0.47	0.54	0.62	0.70	0.88	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.71	0.53	0.43	0.39	0.37	0.37	0.38	0.42	0.47	0.54	0.62	0.71	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.61	0.36	0.20	0.12	0.08	0.08	0.08	0.08	0.08	0.09	0.10	0.12	0.14	0.18	0.22	0.27	0.32	0.37	0.43	0.49
B	1.00	0.64	0.41	0.27	0.19	0.16	0.14	0.14	0.15	0.17	0.20	0.24	0.27	0.31	0.41	0.50	0.61	0.72	0.83	0.98	1.00
C	1.00	0.67	0.45	0.32	0.24	0.21	0.20	0.19	0.21	0.25	0.29	0.34	0.39	0.45	0.59	0.74	0.90	1.00	1.00	1.00	1.00
D	1.00	0.68	0.47	0.34	0.27	0.24	0.22	0.22	0.24	0.28	0.33	0.39	0.46	0.53	0.69	0.86	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.33	0.17	0.08	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.08	0.10	0.14	0.18	0.23	0.28	0.33	0.40	0.46
B	1.00	0.61	0.35	0.20	0.11	0.07	0.06	0.05	0.06	0.08	0.10	0.12	0.15	0.17	0.24	0.31	0.38	0.46	0.54	0.64	0.74
C	1.00	0.61	0.36	0.21	0.13	0.09	0.08	0.07	0.08	0.11	0.14	0.17	0.21	0.25	0.34	0.44	0.55	0.66	0.77	0.92	1.00
D	1.00	0.62	0.37	0.22	0.14	0.10	0.09	0.08	0.10	0.12	0.16	0.20	0.24	0.29	0.40	0.51	0.64	0.77	0.90	1.00	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=80

COVER-MANAGEMENT CONDITION--5

VERY LOW RIDGES (0.5-2") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.57	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.55	0.62	0.77	0.92	1.00	1.00	1.00	1.00	1.00
B	1.00	0.70	0.56	0.51	0.50	0.50	0.51	0.55	0.62	0.71	0.81	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.79	0.70	0.66	0.65	0.65	0.66	0.72	0.80	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.85	0.77	0.74	0.74	0.74	0.75	0.81	0.88	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.36	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.34	0.38	0.43	0.52	0.63	0.74	0.86	0.94	1.00	1.00
B	1.00	0.68	0.50	0.42	0.39	0.38	0.38	0.40	0.45	0.50	0.57	0.64	0.73	0.81	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.74	0.60	0.53	0.50	0.50	0.50	0.53	0.59	0.66	0.75	0.85	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.77	0.65	0.59	0.57	0.56	0.56	0.60	0.66	0.74	0.84	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.36	0.23	0.17	0.15	0.15	0.15	0.16	0.18	0.20	0.23	0.26	0.29	0.36	0.44	0.52	0.60	0.69	0.80	0.91
B	1.00	0.66	0.45	0.34	0.29	0.27	0.26	0.27	0.29	0.33	0.38	0.43	0.49	0.55	0.69	0.85	1.00	1.00	1.00	1.00	1.00
C	1.00	0.70	0.51	0.41	0.37	0.35	0.35	0.35	0.39	0.44	0.51	0.58	0.66	0.75	0.94	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.55	0.46	0.41	0.39	0.39	0.40	0.44	0.51	0.58	0.66	0.76	0.86	1.00	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.62	0.37	0.22	0.14	0.10	0.09	0.08	0.09	0.10	0.12	0.14	0.16	0.19	0.24	0.30	0.36	0.43	0.50	0.58	0.67
B	1.00	0.65	0.42	0.28	0.21	0.17	0.16	0.16	0.17	0.20	0.23	0.27	0.31	0.36	0.46	0.58	0.70	0.82	0.95	1.00	1.00
C	1.00	0.67	0.46	0.33	0.26	0.22	0.21	0.21	0.23	0.26	0.31	0.36	0.42	0.49	0.64	0.80	0.97	1.00	1.00	1.00	1.00
D	1.00	0.68	0.48	0.35	0.28	0.25	0.24	0.23	0.26	0.30	0.36	0.42	0.49	0.57	0.74	0.93	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.34	0.18	0.09	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.09	0.11	0.15	0.20	0.24	0.29	0.34	0.41	0.47
B	1.00	0.61	0.35	0.20	0.12	0.08	0.06	0.06	0.07	0.09	0.11	0.13	0.16	0.20	0.27	0.35	0.43	0.52	0.61	0.72	0.84
C	1.00	0.62	0.37	0.22	0.13	0.09	0.08	0.08	0.09	0.11	0.15	0.18	0.22	0.27	0.37	0.48	0.59	0.71	0.84	0.99	1.00
D	1.00	0.62	0.37	0.23	0.14	0.10	0.09	0.09	0.10	0.13	0.17	0.21	0.26	0.31	0.43	0.55	0.69	0.83	0.98	1.00	1.00

10-YEAR STORM EI=80

COVER-MANAGEMENT CONDITION--6

VERY LOW RIDGES (0.5-2") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.59	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.58	0.65	0.73	0.90	1.00	1.00	1.00	1.00	1.00	1.00
B	1.00	0.73	0.61	0.56	0.55	0.55	0.56	0.62	0.69	0.78	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.82	0.73	0.70	0.69	0.69	0.71	0.76	0.84	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.86	0.79	0.77	0.76	0.76	0.77	0.83	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.39	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.35	0.40	0.45	0.50	0.62	0.74	0.87	1.00	1.00	1.00	1.00
B	1.00	0.70	0.53	0.46	0.43	0.42	0.42	0.45	0.50	0.56	0.64	0.72	0.81	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.76	0.62	0.56	0.54	0.53	0.53	0.56	0.62	0.70	0.79	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.78	0.66	0.61	0.59	0.58	0.58	0.62	0.68	0.76	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.61	0.38	0.25	0.19	0.17	0.16	0.17	0.18	0.21	0.23	0.26	0.30	0.34	0.42	0.51	0.60	0.70	0.80	0.93	1.00
B	1.00	0.67	0.48	0.37	0.32	0.30	0.29	0.30	0.33	0.37	0.43	0.49	0.55	0.62	0.78	0.95	1.00	1.00	1.00	1.00	1.00
C	1.00	0.71	0.53	0.43	0.39	0.37	0.37	0.38	0.42	0.47	0.54	0.62	0.71	0.80	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.72	0.56	0.47	0.42	0.41	0.40	0.41	0.46	0.52	0.60	0.69	0.78	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.63	0.38	0.23	0.15	0.12	0.10	0.10	0.11	0.12	0.14	0.16	0.19	0.22	0.28	0.35	0.42	0.50	0.57	0.67	0.77
B	1.00	0.66	0.43	0.30	0.23	0.19	0.18	0.17	0.19	0.22	0.26	0.30	0.35	0.40	0.52	0.65	0.79	0.94	1.00	1.00	1.00
C	1.00	0.68	0.47	0.34	0.27	0.24	0.22	0.22	0.24	0.28	0.33	0.39	0.46	0.53	0.69	0.86	1.00	1.00	1.00	1.00	1.00
D	1.00	0.69	0.48	0.36	0.29	0.26	0.24	0.24	0.27	0.31	0.37	0.43	0.51	0.59	0.77	0.97	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6") Slope %

Hyd.	0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.60	0.34	0.18	0.10	0.06	0.05	0.05	0.05	0.05	0.07	0.09	0.10	0.13	0.17	0.22	0.27	0.33	0.39	0.46	0.53
B	1.00	0.61	0.36	0.21	0.12	0.08	0.07	0.06	0.08	0.10	0.12	0.15	0.18	0.22	0.30	0.39	0.49	0.58	0.69	0.81	0.94
C	1.00	0.62	0.37	0.22	0.14	0.10	0.09	0.08	0.10	0.12	0.16	0.20	0.24	0.29	0.40	0.51	0.64	0.77	0.90	1.00	1.00
D	1.00	0.62	0.38	0.23	0.15	0.11	0.09	0.09	0.11	0.14	0.17	0.22	0.27	0.32	0.44	0.58	0.72	0.86	1.00	1.00	1.00

TABLE 12 - RUSLE CONTOUR P SUBFACTORS FOR ON-GRADE CONDITION

10-YEAR STORM EI=80

COVER-MANAGEMENT CONDITION--7

VERY LOW RIDGES (0.5-2")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.72	0.59	0.54	0.53	0.53	0.54	0.60	0.67	0.76	0.86	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
B	1.00	0.83	0.75	0.72	0.72	0.72	0.73	0.78	0.86	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.90	0.85	0.83	0.83	0.83	0.84	0.89	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.94	0.92	0.91	0.90	0.90	0.91	0.94	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

LOW RIDGES (2-3")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.69	0.52	0.44	0.41	0.41	0.41	0.43	0.48	0.54	0.61	0.69	0.78	0.88	1.00	1.00	1.00	1.00	1.00	1.00	1.00
B	1.00	0.77	0.64	0.58	0.55	0.55	0.55	0.58	0.64	0.72	0.82	0.92	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.81	0.71	0.66	0.64	0.64	0.63	0.67	0.74	0.83	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.84	0.75	0.71	0.69	0.69	0.69	0.73	0.80	0.88	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

MODERATE RIDGES (3-4")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.67	0.47	0.36	0.31	0.29	0.28	0.29	0.32	0.36	0.41	0.47	0.53	0.60	0.75	0.92	1.00	1.00	1.00	1.00	1.00
B	1.00	0.71	0.54	0.44	0.40	0.38	0.38	0.39	0.43	0.49	0.56	0.64	0.73	0.83	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C	1.00	0.74	0.58	0.50	0.46	0.44	0.44	0.45	0.50	0.57	0.66	0.75	0.86	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.76	0.61	0.53	0.50	0.48	0.48	0.49	0.55	0.62	0.71	0.82	0.94	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

HIGH RIDGES (4-6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.66	0.43	0.29	0.22	0.18	0.17	0.17	0.18	0.21	0.25	0.29	0.34	0.39	0.50	0.63	0.76	0.90	1.00	1.00	1.00
B	1.00	0.68	0.47	0.34	0.28	0.24	0.23	0.23	0.25	0.29	0.34	0.40	0.47	0.55	0.72	0.90	1.00	1.00	1.00	1.00	1.00
C	1.00	0.69	0.50	0.38	0.31	0.28	0.27	0.26	0.29	0.34	0.41	0.48	0.57	0.66	0.86	1.00	1.00	1.00	1.00	1.00	1.00
D	1.00	0.70	0.51	0.40	0.33	0.30	0.29	0.29	0.32	0.37	0.45	0.53	0.63	0.73	0.96	1.00	1.00	1.00	1.00	1.00	1.00

VERY HIGH RIDGES (>6")

Hyd.	Slope % 0	1	2	3	4	5	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50
A	1.00	0.61	0.36	0.20	0.12	0.08	0.07	0.06	0.07	0.09	0.12	0.15	0.18	0.21	0.29	0.38	0.47	0.56	0.66	0.78	0.91
B	1.00	0.62	0.37	0.22	0.14	0.10	0.09	0.08	0.10	0.13	0.16	0.20	0.25	0.30	0.41	0.53	0.66	0.80	0.94	1.00	1.00
C	1.00	0.63	0.38	0.23	0.15	0.12	0.10	0.10	0.12	0.15	0.19	0.24	0.30	0.36	0.50	0.64	0.80	0.97	1.00	1.00	1.00
D	1.00	0.63	0.39	0.24	0.16	0.12	0.11	0.11	0.13	0.16	0.21	0.27	0.33	0.40	0.55	0.72	0.90	1.00	1.00	1.00	1.00