HIGHLY ERODIBLE LAND REPORT

Survey Area: Adams County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2An	Anselmo Fine Sandy Loam, Terrace, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
2AnA	Anselmo Fine Sandy Loam, Terrace, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
2Ap	Anselmo Loam, Terrace, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
2Cm	Cass Loam, Occasionally Flooded	5	56	0.28	3	3	3
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
2Hd	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
2HdA	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
2Hs	Hastings Silt Loam, Thin Solum Variant	5	48	0.32	3	3	3
2Ks	Kenesaw Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
AED	Arents, Earthen Dam	0	0	0	2	2	2
BP	Borrow Pit	0	0	0	2	2	2
Bu	Butler Silt Loam	4	48	0.37	3	3	3
By	Breaks-Alluvial Land Complex	5	48	0.32	3	2	2
CbC	Coly Silt Loam, 7 to 11 Percent Slopes	5	86	0.43	3	1	1
CbD	Coly Silt Loam, 11 to 31 Percent Slopes	5	86	0.43	3	1	1
Ce	Crete Silt Loam	4	48	0.37	3	3	3
Cm	Cass Loam	5	56	0.28	3	3	3
Cs	Cass Fine Sandy Loam	5	86	0.2	3	3	3
Fm	Fillmore Silt Loam	4	48	0.37	3	3	3
GeB2	Geary Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC2	Geary Silty Clay Loam, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GP	Gravel Pit	0	0	0	2	2	2
GsB	Geary Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
GsC	Geary Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
GsE	Geary Silt Loam, 11 to 31 Percent Slopes	5	48	0.32	3	1	1
Ha	Hall Silt Loam	5	48	0.32	3	3	3
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hg	Holder Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HgA	Holder Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HgB	Holder Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HgB2	Holder Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
HgB3	Holder Silty Clay Loam, 3 to 7 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
HgC	Holder Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
HgC3	Holder Silty Clay Loam, 7 to 11 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
HmB	Hersh Fine Sandy Loam, 3 to 7 Percent Slopes	5	86	0.24	3	2	2
HR	Hersh-Kenesaw Complex, Undulating	5	86	0.24	3	3	3
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HsA	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hv	Hobbs Silt Loam	5	48	0.32	3	3	3
Ig	Inavale Loamy Fine Sand	5	134	0.17	1	3	1
In	Inavale Fine Sandy Loam	5	86	0.2	3	3	3
INT	Aquolls	0	0	0	2	2	2
Ks	Kenesaw Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KsA	Kenesaw Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KsB	Kenesaw Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
LA	Lex and Alda Soils	4	86	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Adams County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
M	Marsh	2	0	0.37	3	3	3
Ms	Meadin Sandy Loam	3	86	0.2	1	3	1
M-W	Miscellaneous Water (Sewage Lagoons)	0	0	0	2	2	2
Pt	Platte Loam	3	86	0.28	1	3	1
RB	Rough Broken Land, Loess	5	86	0.43	3	1	1
Ru	Rusco Silt Loam	5	56	0.32	3	3	3
Rw	Riverwash	5	0	0.17	3	3	3
S	Spoil Banks	5	86	0.43	3	2	2
Sc	Scott Silt Loam	3	48	0.37	3	3	3
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
TxB	Thurman-Valentine Loamy Fine Sands, Undulating	5	134	0.17	1	3	1
VbC	Valentine Loamy Fine Sand, Rolling	5	134	0.17	1	2	1
W	Water	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Antelope County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Bc	Bazile Loam, 0 to 2 Percent Slopes	4	48	0.32	3	3	3
BcC	Bazile Loam, 2 to 6 Percent Slopes	4	48	0.32	3	2	2
BdB	Bazile Complex, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
BdC	Bazile Complex, 3 to 6 Percent Slopes	4	134	0.17	1	3	1
BdD	Bazile Complex, 6 to 11 Percent Slopes	4	134	0.17	1	2	1
Be	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
BeC	Blendon Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Bg	Blown Out Land	5	250	0.15	1	2	1
BoC	Boelus Fine Sand, 0 to 6 Percent Slopes	5	180	0.15	1	3	1
BpB	Boelus Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
BpC	Boelus Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
BxF	Brunswick-Paka Complex, 11 to 30 Percent Slopes	4	86	0.24	3	1	1
Cb	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Cc	Cass Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Co	Cozad Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
CrE2	Crofton Silt Loam, 6 to 15 Percent Slopes, Eroded	5	86	0.43	3	2	2
CrF2	Crofton Silt Loam, 15 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
CsG	Crofton Soils, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
CuC2	Crofton-Nora Silt Loams, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CuD2	Crofton-Nora Silt Loams, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CuE2	Crofton-Nora Silt Loams, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CuF	Crofton-Nora Silt Loams, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
DfC	Doger Fine Sand, 0 to 6 Percent Slopes	5	180	0.15	1	3	1
DhB	Doger Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
DhC	Doger Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
Ef	Elsmere Fine Sand, 0 to 2 Percent Slopes	5	180	0.15	1	3	1
Eh	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
EmB	Elsmere Loamy Fine Sand, Drained, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Gk	Gibbon Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Gs	Gibbon Silt Loam, Saline-Alkali, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Hd	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HfB	Hobbs Silt Loam, Channeled, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
HhA	Hord Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HhC	Hord Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	2	2
If	Inavale Fine Sand, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Ih	Inavale and Elsmere Soils, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Lb	Lawet Silt Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Lc	Lawet Soils, Wet, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
LdC	Longford Loam, 1 to 4 Percent Slopes	5	48	0.28	3	3	3
LfC	Longford Complex, 1 to 4 Percent Slopes	5	134	0.17	3	3	3
LgB	Loretto Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
LgC	Loretto Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	3	3	3
Lh	Loretto Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
LhC	Loretto Loam, 2 to 6 Percent Slopes	5	48	0.28	3	3	3
Lo	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Antelope County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Lp	Loup Fine Sandy Loam, Drained, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
MeB	Meadin Sandy Loam, 0 to 3 Percent Slopes	3	86	0.2	3	3	3
MeF	Meadin Sandy Loam, 3 to 30 Percent Slopes	3	86	0.2	3	2	2
Mp	Moody Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MpC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
No	Nora Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
NoC	Nora Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	2	2
NoC2	Nora Silt Loam, 2 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoD	Nora Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
NoE	Nora Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
Oe	O'Neill Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
OeC	O'Neill Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
Of	O'Neill Loam, 0 to 2 Percent Slopes	4	56	0.28	3	3	3
Og	Ord Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Oh	Ord Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
On	Ortello Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
OnC	Ortello Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
OnD	Ortello Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.2	3	2	2
Or	Ortello Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
OrC	Ortello Loam, 2 to 6 Percent Slopes	5	56	0.28	3	3	3
Ot	Orwet Loam, 0 to 2 Percent Slopes	4	86	0.28	3	3	3
Ov	Ovina Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Ph	Paka Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
PhC	Paka Loam, 2 to 6 Percent Slopes	5	48	0.28	3	3	3
PhD	Paka Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
PkB	Paka Complex, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
PkC	Paka Complex, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
PkD	Paka Complex, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
TfB	Thurman Fine Sand, 0 to 3 Percent Slopes	5	180	0.15	1	3	1
TfC	Thurman Fine Sand, 3 to 6 Percent Slopes	5	180	0.15	1	3	1
TfD	Thurman Fine Sand, 6 to 11 Percent Slopes	5	180	0.15	1	2	1
ThB	Thurman Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
ThC	Thurman Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
TnF	Thurman-Crofton Complex, 11 to 30 Percent Slopes	5	134	0.17	3	2	2
ToC	Thurman-Valentine Complex, 0 to 6 Percent Slopes	5	134	0.17	3	3	3
Tr	Trent Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
VaC	Valentine Fine Sand, 0 to 6 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VsB	Valentine-Simeon Complex, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VsC	Valentine-Simeon Complex, 3 to 6 Percent Slopes	5	250	0.15	1	3	1
VsD	Valentine-Simeon Complex, 6 to 11 Percent Slopes	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
zm	Marsh	0	0	0	2	2	2
zp	Gravel Pits	0	0	0	2	2	2
zw	Water, Undifferentiated (Water and Streams)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Arthur County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
DdB	Doger and Dunday Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DdD	Doger and Dunday Loamy Fine Sands, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
DfB	Doger and Dunday Loamy Fine Sands, Loamy Substratum, 0 to 3 Percen	5	134	0.17	1	3	1
EcB	Els Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
EdB	Els Loamy Fine Sand, Alkali, 0 to 3 Percent Slopes	3	134	0.15	1	3	1
EfB	Elsmere Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Ga	Gannett-Loup Fine Sandy Loams, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Gb	Gannett-Loup Fine Sandy Loams, Drained, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Ld	Loup-Gannett Loamy Fine Sands, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Lf	Loup-Gannett Loamy Fine Sands, Drained, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ma	Marsh	3	0	0.2	3	3	3
Sa	Saline-Alkali Land	3	134	0.15	1	3	1
Tk	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Tn	Tryon Loamy Fine Sand, Drained, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
VaB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VaG	Valentine Fine Sand, Hilly	5	250	0.15	1	1	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Banner County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
AcB	Alice Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
AcC	Alice Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
AcD	Alice Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.2	1	3	1
Ae	Alliance Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
AeB	Alliance Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
AeC	Alliance Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
AeD2	Alliance Loam, 6 to 9 Percent Slopes, Eroded	5	48	0.32	3	3	3
AgC	Altvan Loam, 3 to 6 Percent Slopes	4	56	0.28	1	3	1
AhD	Altvan-Eckley Complex, 3 to 9 Percent Slopes	4	56	0.28	1	3	1
Bb	Bankard Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bc	Bankard Fine Sand, Channeled	5	134	0.17	1	3	1
BdB	Bayard Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
BdC	Bayard Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
BdD	Bayard Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	3	1
BdE	Bayard Very Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.32	1	2	1
BeD	Bayard-Dix Complex, 3 to 9 Percent Slopes	5	86	0.2	1	3	1
BeE	Bayard-Dix Complex, 9 to 20 Percent Slopes	5	86	0.2	1	2	1
Bg	Bridget Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
BgB	Bridget Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
BgC	Bridget Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
BgD	Bridget Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	3	1
BgE	Bridget Very Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.32	1	2	1
BxE	Busher-Tassel Loamy Very Fine Sands, 9 to 20 Percent Slopes	5	86	0.2	1	2	1
CaF	Canyon Loam, 9 to 30 Percent Slopes	2	86	0.32	1	1	1
CgG	Canyon-Rock Outcrop Complex, 20 to 60 Percent Slopes	2	86	0.32	1	1	1
CnE	Canyon-Sidney Loams, 9 to 20 Percent Slopes	2	86	0.32	1	1	1
CnE2	Canyon-Sidney Loams, 9 to 20 Percent Slopes, Eroded	2	86	0.32	1	1	1
CrB	Creighton Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
CrC	Creighton Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
DtB	Dix Sandy Loam, 0 to 3 Percent Slopes	3	86	0.2	1	3	1
Dw	Duroc Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
DwB	Duroc Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
EcF	Eckley Gravelly Sandy Loam, 3 to 30 Percent Slopes	2	56	0.15	1	2	1
EkF	Epping Silt Loam, 9 to 30 Percent Slopes	2	86	0.43	1	1	1
Gg	Glenberg Very Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.37	1	3	1
Go	Goshen Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Ja	Janise Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Ke	Keith Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
KeB	Keith Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
KeC	Keith Loam, 3 to 6 Percent Slopes	5	48	0.28	3	3	3
Lc	Lisco Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.37	1	3	1
Lo	Lodgepole Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	1	3	1
Mt	Mitchell Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.43	1	3	1
MtB	Mitchell Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.43	1	3	1
MtC	Mitchell Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.43	1	3	1
MtD	Mitchell Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.43	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Banner County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
MxD	Mitchell-Epping Complex, 3 to 9 Percent Slopes	5	86	0.43	1	3	1
MxE	Mitchell-Epping Complex, 9 to 20 Percent Slopes	5	86	0.43	1	2	1
OfB	Otero Loamy Very Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
OfD	Otero Loamy Very Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
OfE	Otero Loamy Very Fine Sand, 9 to 20 Percent Slopes	5	134	0.17	1	3	1
OvG	Otero-Epping Complex, 9 to 60 Percent Slopes	5	134	0.24	1	2	1
RaG	Rock Outcrop-Epping Complex, 20 to 60 Percent Slopes	0	0	0	2	2	2
RbB	Rosebud Loam, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
RcC	Rosebud-Canyon Loams, 3 to 6 Percent Slopes	4	56	0.28	1	3	1
SaB	Sarben Loamy Very Fine Sand, 0 to 3 Percent Slopes	5	134	0.24	1	3	1
SaD	Sarben Loamy Very Fine Sand, 3 to 9 Percent Slopes	5	134	0.24	1	3	1
StB	Satanta Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
SvC	Satanta-Altvan Complex, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
SxC	Sidney-Canyon Loams, 3 to 6 Percent Slopes	4	86	0.28	1	3	1
SxD	Sidney-Canyon Loams, 6 to 9 Percent Slopes	4	86	0.28	1	3	1
SxD2	Sidney-Canyon Loams, 6 to 9 Percent Slopes, Eroded	4	86	0.28	1	3	1
TcG	Tassel-Busher-Rock Outcrop Complex, 20 to 60 Percent Slopes	2	134	0.24	1	1	1
TfG	Tassel-Rock Outcrop Complex, 20 to 60 Percent Slopes	2	134	0.24	1	1	1
ToB	Tripp Loamy Very Fine Sand, Overblown, 0 to 3 Percent Slopes	5	134	0.2	1	3	1
ToC	Tripp Loamy Very Fine Sand, Overblown, 3 to 6 Percent Slopes	5	134	0.2	1	3	1
Tr	Tripp Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
TrB	Tripp Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
TrC	Tripp Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
TrD	Tripp Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	3	1
VaD	Valent Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valent Fine Sand, Rolling	5	250	0.15	1	3	1
VdB	Valent Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VdD	Valent Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VnC	Vetal Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
VtB	Vetal Very Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.28	1	3	1
W	Water	0	0	0	2	2	2
Yp	Yockey Loam, Alkali, 0 to 2 Percent Slopes	5	86	0.37	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Blaine County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Almeria Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ac	Almeria Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ad	Almeria Loamy Fine Sand, Channeled	5	0	0.24	3	3	3
Bg	Blown Out Land-Valentine Complex, 6 to 60 Percent Slopes	5	250	0.15	1	2	1
Bo	Bolent Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Cm	Calamus Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
DxB	Dunn Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DxF	Dunn Loamy Fine Sand, 9 to 20 Percent Slopes	5	134	0.17	1	2	1
DzD	Dunn-Josburg Loamy Fine Sands, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
Eb	Els Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
EfB	Els-Ipage Complex, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Fu	Fluvaquents, Sandy	5	0	0.17	3	3	3
GfC	Gates Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	56	0.37	3	3	3
GhG	Gates-Hersh Complex, 20 to 60 Percent Slopes	5	56	0.37	3	1	1
HeC	Hersh Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
HfB	Hersh-Gates Complex, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
IfB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IgB	Ipage Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
IhB	Ipage Sand, Terrace, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
ImB	Ipage Loamy Fine Sand, Terrace, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ItB	Ipage-Tryon Complex, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
JnB	Jansen Loamy Fine Sand, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
JrB	Josburg-Dunn Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Ma	Marlake Loamy Fine Sand, 0 to 2 Percent Slopes	2	0	0.17	3	3	3
MeF	Meadin Loamy Sand, 3 to 30 Percent Slopes	3	134	0.17	1	2	1
SdB	Sandose Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SmB	Simeon Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
SmF	Simeon Sand, 3 to 30 Percent Slopes	5	220	0.15	1	2	1
To	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Tp	Tryon Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ts	Tryon-Els Loamy Fine Sands, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VeB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VeD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VmD	Valentine-Els Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VoD	Valentine-Sandose Loamy Fine Sands, 0 to 9 Percent Slopes	5	134	0.17	1	3	1
VsD	Valentine-Simeon Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VuC	Vetal Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
Vv	Vetal Very Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
W	Water	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Boone County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
2Hb	Hobbs Silt Loam, 0 to 1 Percent Slopes, Occasionally Flooded	5	48	0.32	3	3	3
2Hd	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
2HdA	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
2Iz	Inavale Soils, Wet	5	86	0.2	3	3	3
2ThA	Thurman Loamy Fine Sand, Silty Substratum, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
5ThA	Thurman Loamy Fine Sand, Terrace, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
B	Blown Out Land	5	310	0.15	1	2	1
Be	Belfore Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CfD2	Crofton Silt Loam, 7 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfE2	Crofton Silt Loam, 17 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
CNC2	Crofton-Nora Silt Loams, 7 to 12 Percent Slopes, Eroded	5	86	0.43	3	1	1
CND2	Crofton-Nora Silt Loams, 12 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
CNE	Crofton-Nora Silt Loams, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
Cz	Cass Soils	5	56	0.28	3	3	3
Ea	Elsmere Loamy Fine Sand	5	134	0.17	3	3	3
Eb	Elsmere Fine Sand	5	180	0.15	1	3	1
Fm	Fillmore Silt Loam	4	48	0.37	3	3	3
Ga	Gannett Fine Sandy Loam	5	0	0.2	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaA	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HdA	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HdB	Hord Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HO	Hord and Ortello Fine Sandy Loams, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
HSzA	Hall-Slickspots Complex, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Iz	Inavale Soils	5	134	0.17	3	3	3
Lb	Lamo Silty Clay Loam	5	38	0.32	3	3	3
Le	Leshara Silt Loam	5	48	0.32	3	3	3
Lh	Loess Hills and Bluffs	5	86	0.43	3	1	1
LIB2	Loretto Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.28	3	2	2
Lm	Loup Loam	5	86	0.32	3	3	3
LNC2	Loretto-Nora Fine Sandy Loams, 7 to 12 Percent Slopes, Eroded	5	86	0.2	3	2	2
LvA2	Loretto Fine Sandy Loam, 0 to 3 Percent Slopes, Eroded	5	86	0.2	3	3	3
LvB2	Loretto Fine Sandy Loam, 3 to 7 Percent Slopes, Eroded	5	86	0.2	3	3	3
M	Marsh	5	0	0.28	3	3	3
MoA	Moody Silty Clay Loam, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
MoA2	Moody Silty Clay Loam, 1 to 3 Percent Slopes, Eroded	5	38	0.32	3	3	3
MoB2	Moody Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
NCD	Nora-Crofton Silt Loams, 12 to 17 Percent Slopes	5	48	0.32	3	1	1
NMB2	Nora-Moody Complex, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoC	Nora Silt Loam, 7 to 12 Percent Slopes	5	48	0.32	3	2	2
NoC2	Nora Silt Loam, 7 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
ThA	Thurman Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Boone County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
ThB	Thurman Loamy Fine Sand, 3 to 7 Percent Slopes	5	134	0.17	3	3	3
ThC	Thurman Loamy Fine Sand, 7 to 12 Percent Slopes	5	134	0.17	3	2	2
TV	Thurman-Valentine Complex, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
VaC	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
Vb	Valentine Loamy Fine Sand, Undulating	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Wm	Wann Loam	5	56	0.28	3	3	3
Wx	Wet Alluvial Land	5	86	0.28	3	3	3
zp	Gravel Pits	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Box Butte County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ac	Alliance Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
AcB	Alliance Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
AcC	Alliance Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
ArB	Alliance-Rosebud Loams, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
ArC	Alliance-Rosebud Loams, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
ArD	Alliance-Rosebud Loams, 6 to 11 Percent Slopes	5	48	0.32	3	3	3
Ba	Bankard Fine Sand, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
BbB	Bankard Very Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	1	3	1
Br	Bridget Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
BrB	Bridget Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
BrC	Bridget Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
BuB	Busher-Jayem Loamy Very Fine Sands, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
BuC	Busher-Jayem Loamy Very Fine Sands, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
BuD	Busher-Jayem Loamy Very Fine Sands, 6 to 9 Percent Slopes	5	86	0.2	1	3	1
BvC	Busher-Tassel Loamy Very Fine Sands, 0 to 6 Percent Slopes	5	86	0.2	1	3	1
BvF	Busher-Tassel Loamy Very Fine Sands, 6 to 30 Percent Slopes	5	86	0.2	1	2	1
CaF	Canyon Very Fine Sandy Loam, 3 to 30 Percent Slopes	2	86	0.32	1	2	1
CbB	Craft Very Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.37	1	3	1
Ce	Creighton Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
CeB	Creighton Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
CeC	Creighton Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
CeD	Creighton Very Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.32	1	3	1
CnD	Creighton-Norrest Complex, 6 to 11 Percent Slopes	5	86	0.32	1	3	1
CnF	Creighton-Norrest Complex, 11 to 30 Percent Slopes	5	86	0.32	1	2	1
DaB	Dailey Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DaD	Dailey Loamy Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
DrB	Duroc Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Du	Duroc Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	56	0.32	3	3	3
Go	Goshen Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Hm	Hemingford Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
HmB	Hemingford Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
HmC	Hemingford Loam, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
Ho	Hoffland Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
ImG	Imlay-Rock Outcrop Complex, 11 to 60 Percent Slopes	2	48	0.32	1	1	1
IpB	Ipage Loamy Fine Sand, Alkali Substratum, 0 to 3 Percent Slopes	2	134	0.17	1	3	1
JaB	Janise Loamy Fine Sand, Overblown, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
JcB	Janise Loamy Fine Sand, Drained, Overblown, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Jn	Janise Loam, 0 to 2 Percent Slopes	5	86	0.43	1	3	1
Jo	Janise Loam, Drained, 0 to 2 Percent Slopes	5	86	0.37	1	3	1
JsB	Jayem Loamy Sand, Overblown, 0 to 3 Percent Slopes	5	134	0.15	1	3	1
JxB	Jayem Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
JyB	Jayem Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
JyC	Jayem Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
Ke	Keith Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KeB	Keith Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KeC	Keith Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Box Butte County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.5 R Factor = 50 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Lc	Lamo Variant Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
Ln	Las Animas-Lisco Very Fine Sandy Loams, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Lo	Lisco Very Fine Sandy Loam, 0 to 2 Percent Slopes	5	56	0.37	3	3	3
Lp	Lisco Very Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	5	56	0.37	3	3	3
MaB	Manter-Satanta Fine Sandy Loams, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
MaC	Manter-Satanta Fine Sandy Loams, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
Mc	Marlake Very Fine Sandy Loam, 0 to 1 Percent Slopes	2	0	0.2	3	3	3
Md	McCook Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
NoD	Norrest Loam, 6 to 11 Percent Slopes	4	86	0.37	1	2	1
NoF	Norrest Loam, 11 to 30 Percent Slopes	4	86	0.37	1	2	1
NpF	Norrest-Canyon Complex, 11 to 30 Percent Slopes	4	86	0.37	1	2	1
OtD	Oglala-Canyon Very Fine Sandy Loams, 3 to 9 Percent Slopes	5	86	0.32	1	3	1
OtF	Oglala-Canyon Very Fine Sandy Loams, 9 to 30 Percent Slopes	5	86	0.32	1	2	1
Rh	Richfield Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
RkG	Rock Outcrop-Tassel Complex, 11 to 60 Percent Slopes	0	0	0	2	2	2
Ro	Rosebud Loam, 0 to 1 Percent Slopes	4	48	0.28	3	3	3
RoB	Rosebud Loam, 1 to 3 Percent Slopes	4	48	0.28	3	3	3
RsD	Rosebud-Canyon Complex, 3 to 9 Percent Slopes	4	48	0.28	3	3	3
RsF	Rosebud-Canyon Complex, 9 to 30 Percent Slopes	4	48	0.28	3	2	2
SbB	Sarben-Busher Loamy Very Fine Sands, 0 to 3 Percent Slopes	5	134	0.24	1	3	1
SbD	Sarben-Busher Loamy Very Fine Sands, 3 to 9 Percent Slopes	5	134	0.24	1	3	1
StB	Satanta Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
StC	Satanta Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
StD	Satanta Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.2	1	3	1
Su	Scott Variant Loam, 0 to 1 Percent Slopes	3	56	0.37	1	3	1
TaF	Tassel Loamy Very Fine Sand, 3 to 30 Percent Slopes	2	134	0.24	1	2	1
VaD	Valent Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valent Fine Sand, 9 to 17 Percent Slopes	5	250	0.15	1	3	1
VdB	Valent Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VdD	Valent Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VdE	Valent Loamy Fine Sand, 9 to 17 Percent Slopes	5	134	0.17	1	3	1
VnD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VnE	Valentine Fine Sand, 9 to 17 Percent Slopes	5	250	0.15	1	3	1
VnF	Valentine Fine Sand, Hilly	5	250	0.15	1	2	1
VtB	Vetal Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
VtC	Vetal Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
W	Water	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Boyd County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Albaton Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
AnC	Anselmo Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
AnD	Anselmo Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.2	3	2	2
AnF	Anselmo Fine Sandy Loam, 11 to 20 Percent Slopes	5	86	0.2	3	2	2
ArF	Anselmo-Rock Outcrop Complex, 11 to 20 Percent Slopes	5	86	0.2	3	2	2
Ba	Barney Silt Loam, 0 to 2 Percent Slopes	2	86	0.28	1	3	1
Bd	Blake Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
Be	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
BeC	Blendon Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
BoD	Boyd Silty Clay, 6 to 11 Percent Slopes	4	86	0.37	3	2	2
BrG	Bristow Silty Clay, 20 to 40 Percent Slopes	2	86	0.43	1	1	1
Bs	Brocksburg Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
Bt	Brocksburg Loam, 0 to 2 Percent Slopes	4	56	0.28	3	3	3
Cb	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
CrE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DuC	Dunday Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
DuD	Dunday Loamy Fine Sand, 6 to 11 Percent Slopes	5	134	0.17	1	2	1
DxB	Dunday Loamy Fine Sand, Loamy Substratum, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Et	Eltree Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Go	Grigston Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
GrB	Grigston Silt Loam, Channeled, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
Ha	Hall Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
He	Haynie Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
IfD	Inavale Fine Sand, 3 to 11 Percent Slopes	5	220	0.15	1	3	1
IgB	Inavale Fine Sand, Channeled, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IhB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
In	Inavale Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	3	3	3
Jn	Jansen Loam, 0 to 2 Percent Slopes	4	56	0.28	3	3	3
JnC	Jansen Loam, 2 to 6 Percent Slopes	4	56	0.28	3	3	3
JnD	Jansen Loam, 6 to 11 Percent Slopes	4	56	0.28	3	2	2
LaD	Labu Silty Clay, 6 to 11 Percent Slopes	4	86	0.32	3	2	2
LcF	Labu-Sansarc Silty Clays, 11 to 30 Percent Slopes	4	86	0.32	3	1	1
Le	Leshara Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
LsC	Lynch Silty Clay, 2 to 6 Percent Slopes	4	86	0.32	3	2	2
LsD	Lynch Silty Clay, 6 to 11 Percent Slopes	4	86	0.32	3	2	2
LyD	Lynch-Bristow Silty Clays, 6 to 11 Percent Slopes	4	86	0.32	3	2	2
LyF	Lynch-Bristow Silty Clays, 11 to 30 Percent Slopes	4	86	0.32	3	1	1
MaG	Mariaville-Paka Loams, 15 to 40 Percent Slopes	2	48	0.37	3	1	1
MeE	Meadin Sandy Loam, 3 to 17 Percent Slopes	3	86	0.2	1	2	1
NoC	Nora Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	3	3
NoD	Nora Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
Oa	Onawa Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Oe	O'Neill Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
OeC	O'Neill Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
OfD	O'Neill-Meadin Fine Sandy Loams, 3 to 9 Percent Slopes	4	86	0.2	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Boyd County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 100 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
On	Onita Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Or	Ord Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
PaC	Paka Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Ph	Paka Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
PhC	Paka Loam, 2 to 6 Percent Slopes	5	48	0.28	3	3	3
PhD	Paka Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
PoC	Promise Silty Clay, 2 to 6 Percent Slopes	5	86	0.37	3	3	3
RaC	Ree Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	3	3
RaD	Ree Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
RaE	Ree Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
ReC	Reliance Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	3	3
ReD	Reliance Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
RfC	Reliance Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	3	3
Rw	Riverwash	0	0	0	2	2	2
SaG	Sansarc Silty Clay, 20 to 40 Percent Slopes	2	86	0.37	1	1	1
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
Sm	Simeon Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
SuC	Simeon-Valentine Loamy Sands, 0 to 6 Percent Slopes	5	134	0.17	1	3	1
SvF2	Simeon-Valentine Complex, 3 to 30 Percent Slopes, Eroded	5	134	0.17	1	2	1
VaE	Valentine Fine Sand, 6 to 17 Percent Slopes	5	250	0.15	1	2	1
VbB	Valentine Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Ve	Verdel Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
W	Water	0	0	0	2	2	2
WeC	Wewela Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Brown County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Aa	Almeria Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ae	Almeria Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
Af	Almeria-Histosols Complex, Channeled	5	0	0.24	3	3	3
An	Anselmo Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
AnD	Anselmo Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.2	3	2	2
AtF	Anselmo-Brunswick Fine Sandy Loams, 11 to 30 Percent Slopes	5	86	0.2	3	2	2
Ba	Barney Fine Sandy Loam, Channeled	5	86	0.2	3	3	3
Bd	Bolent Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	3	3	3
Bo	Brocksburg Loam, 0 to 1 Percent Slopes	4	56	0.28	3	3	3
BrD	Brunswick Fine Sandy Loam, 3 to 9 Percent Slopes	4	86	0.24	3	2	2
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DuD	Dunday Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
Eo	Els Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
EpB	Els-Ipage Fine Sands, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Es	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Fe	Fluvaquents, Sandy	5	134	0	1	3	1
Gn	Gannett Fine Sandy Loam, 0 to 2 Percent Slopes	4	0	0.2	3	3	3
IdB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
IkB	Inavale Sand, Channeled	5	220	0.15	1	3	1
In	Inavale-Barney Complex, Channeled	5	134	0.17	1	3	1
IpB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IsB	Ipage Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Jn	Jansen Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
JnC	Jansen Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
Jo	Jansen Loam, 0 to 2 Percent Slopes	4	56	0.28	3	3	3
JoC	Jansen Loam, 2 to 6 Percent Slopes	4	56	0.28	3	3	3
Jr	Jansen-Meadin Complex, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
JtB	Jansen-Sandose Complex, 0 to 3 Percent Slopes	4	86	0.2	3	3	3
Jw	Johnstown Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
JwB	Johnstown Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
Jy	Johnstown Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
JyB	Johnstown Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
JyC	Johnstown Loam, 3 to 6 Percent Slopes	5	48	0.28	3	3	3
LcG	Labu-Sansarc Silty Clays, 11 to 40 Percent Slopes	4	86	0.32	3	1	1
LfB	Libory Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Lo	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Lp	Loup Fine Sandy Loam, Wet, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
LtB	Loup-Els Complex, 0 to 3 Percent Slopes	5	0	0.2	3	3	3
Ma	Marlake Fine Sandy Loam, 0 to 1 Percent Slopes	2	0	0.2	3	3	3
McG	McKelvie-Tassel-Ronson Complex, 15 to 70 Percent Slopes	5	134	0.17	1	2	1
MeB	Meadin Sandy Loam, 0 to 3 Percent Slopes	3	86	0.2	1	3	1
MeF	Meadin Sandy Loam, 3 to 30 Percent Slopes	3	86	0.2	1	2	1
Oe	O'Neill Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
On	O'Neill Loam, 0 to 2 Percent Slopes	4	56	0.28	3	3	3
OsC	O'Neill-Meadin Sandy Loams, 2 to 6 Percent Slopes	4	86	0.2	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Brown County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 100 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
OsD	O'Neill-Meadin Sandy Loams, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
Pg	Pits, Sand and Gravel	0	0	0	2	2	2
PtB	Pivot Loamy Sand, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
RtB	Ronson-Tassel Fine Sandy Loams, 0 to 3 Percent Slopes	4	86	0.2	3	3	3
RtC	Ronson-Tassel Fine Sandy Loams, 3 to 6 Percent Slopes	4	86	0.2	3	3	3
RtD	Ronson-Tassel Fine Sandy Loams, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
ScB	Sandose Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SkB	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SkD	Simeon Loamy Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
SvD	Simeon-Valentine Fine Sands, 0 to 9 Percent Slopes	5	220	0.15	1	3	1
Tn	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
To	Tryon Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
TpB	Tryon-Els Complex, 0 to 3 Percent Slopes	5	0	0.17	3	3	3
VaB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VbB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VbD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VfD	Valentine-Els Fine Sands, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VhD	Valentine-Libory Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VpD	Valentine-Pivot Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VrD	Valentine-Sandose Loamy Fine Sands, 0 to 9 Percent Slopes	5	134	0.17	1	3	1
VsG2	Valentine-Simeon Complex, 9 to 40 Percent Slopes, Eroded	5	250	0.15	1	2	1
VtE	Valentine-Tassel Complex, 3 to 17 Percent Slopes	5	250	0.15	1	2	1
VwE	Valentine-Tryon Complex, 0 to 17 Percent Slopes	5	250	0.15	1	2	1
VxB	Vetal Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Buffalo County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Gg	Gibbon Silt Loam, Saline	5	86	0.28	3	3	3
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
2Kt	Kenesaw Fine Sandy Loam, Calcareous Variant, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
2Or	Ortello Fine Sandy Loam, Loamy Substratum, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
2OrB2	Ortello Fine Sandy Loam, Loamy Substratum, 3 to 5 Percent Slopes, Ero	5	86	0.2	3	3	3
2Sc	Scott Silt Loam, Drained	3	48	0.37	3	3	3
2TXA	Thurman-Valentine Loamy Fine Sands, Loamy Substratum, 0 to 3 Perce	5	134	0.17	1	3	1
Ax	Alda Fine Sandy Loam	4	86	0.2	3	3	3
Ay	Alda Loam	4	48	0.28	3	3	3
Bdn	Blendon Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
BdnA	Blendon Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
Bed	Blendon Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
BedA	Blendon Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
Bob	Boel Fine Sandy Loam	5	86	0.2	3	3	3
Boc	Boel Loam	5	86	0.28	3	3	3
By	Breaks-Alluvial Land Complex	5	48	0.32	3	2	2
CbC	Coly Silt Loam, 5 to 11 Percent Slopes	5	86	0.43	3	2	2
CbE	Coly Silt Loam, 11 to 31 Percent Slopes	5	86	0.43	3	1	1
Cm	Cass Loam	5	56	0.28	3	3	3
Coz	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CozA	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
CozB2	Cozad Silt Loam, 3 to 5 Percent Slopes, Eroded	5	48	0.32	3	3	3
CozC2	Cozad Silt Loam, 5 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
Cs	Cass Fine Sandy Loam	5	86	0.2	3	3	3
CYE	Coly, Uly, and Hobbs Soils, 15 to 31 Percent Slopes	5	86	0.43	3	1	1
Gg	Gibbon Silt Loam	5	86	0.32	3	3	3
Gk	Grigston Silt Loam	5	48	0.32	3	3	3
GP	Pits and Dumps	0	0	0	2	2	2
Ha	Hall Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaA	Hall Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HbA	Hobbs Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HbB	Hobbs Silt Loam, 3 to 5 Percent Slopes	5	48	0.32	3	3	3
Hd	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HdA	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoA	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 3 to 5 Percent Slopes	5	48	0.32	3	3	3
HoB2	Holdrege Silt Loam, 3 to 5 Percent Slopes, Eroded	5	48	0.32	3	3	3
HQ	Holdrege-Hall Silt Loams, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
In	Inavale Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
KCB	Kenesaw-Coly Silt Loams, 3 to 5 Percent Slopes	5	48	0.32	3	3	3
Ks	Kenesaw Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KsA	Kenesaw Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KsB	Kenesaw Silt Loam, 3 to 5 Percent Slopes	5	48	0.32	3	3	3
Lex	Lex Silt Loam	4	86	0.28	3	3	3
Lf	Leshara Fine Sandy Loam	5	86	0.2	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Buffalo County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
LG	Leshara and Gibbon Silt Loams	5	48	0.32	3	3	3
Lm	Loup Loam	5	0	0.28	3	3	3
Lx	Loamy Alluvial Land	2	86	0.24	1	3	1
M	Marsh	0	0	0	2	2	2
OrC	Ortello Fine Sandy Loam, 5 to 11 Percent Slopes	5	86	0.2	3	2	2
P	Platte Soils	3	86	0.2	1	3	1
PL	Platte-Alda Complex	3	86	0.2	1	3	1
RB	Rough Broken Land, Loess	5	86	0.43	3	1	1
Ru	Rusco Silt Loam	5	56	0.32	3	3	3
Rw	Riverwash	2	134	0.15	1	3	1
Sc	Scott Silt Loam	3	48	0.37	3	3	3
SdA	Simeon Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
Slc	Silver Creek Silt Loam	3	48	0.32	3	3	3
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
TsA	Thurman Fine Sandy Loam, Terrace, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
TXA	Thurman-Valentine Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
TXB	Thurman-Valentine Loamy Fine Sands, 3 to 5 Percent Slopes	5	134	0.17	1	3	1
TYA	Thurman-Valentine Loamy Fine Sands, Terrace, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
UHC	Uly and Holdrege Silt Loams, 5 to 11 Percent Slopes	5	48	0.32	3	2	2
UHC2	Uly, Holdrege, and Coly Soils, 5 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
UsD	Uly Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
VbC	Valentine Loamy Fine Sand, 3 to 17 Percent Slopes	5	134	0.17	1	2	1
W	Water	0	0	0	2	2	2
Wb	Wann Fine Sandy Loam	5	86	0.2	3	3	3
Wm	Wann Loam	5	56	0.28	3	3	3
Wr	Wood River Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
WrA	Wood River Silt Loam, 1 to 3 Percent Slopes	3	48	0.37	3	3	3
WS	Wood River-Slickspots Complex, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
Wx	Wet Alluvial Land	5	310	0.15	1	3	1
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Burt County, Nebraska

1990 Frozen Factors
C Factor = 0.15
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Albaton Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Ac	Albaton Silty Clay, Depressional, 0 to 1 Percent Slopes	5	0	0.32	3	3	3
Be	Belfore Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bf	Belfore Silty Clay Loam, Terrace, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bn	Blencoe Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Bo	Blencoe Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Bs	Blyburg Silt Loam, 0 to 2 Percent Slopes	5	56	0.32	3	3	3
BtG	Boone-Rock Outcrop Complex, 20 to 60 Percent Slopes	4	134	0.17	3	1	1
BuD2	Burchard Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.28	3	2	2
BuE2	Burchard Clay Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.28	3	1	1
Ca	Calco Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cb	Calco Silty Clay Loam, Wet, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cd	Carr Silt Loam, 0 to 2 Percent Slopes	5	56	0.32	3	3	3
Cf	Colo Silt Loam, Overwash, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
Cg	Colo Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
CrD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fo	Forney Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Gb	Grable Silt Loam, 0 to 2 Percent Slopes	4	86	0.32	3	3	3
He	Haynie Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
Hf	Haynie Silt Loam, Channeled	5	86	0.37	3	3	3
Hg	Haynie Variant Silt Loam, 0 to 1 Percent Slopes	5	86	0.37	3	3	3
Hp	Holly Springs Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
IdD2	Ida Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdE	Ida Silt Loam, 11 to 17 Percent Slopes	5	86	0.43	3	1	1
IdE2	Ida Silt Loam, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdF	Ida Silt Loam, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
IdF2	Ida Silt Loam, 17 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdG	Ida Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
JuC	Judson Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.28	3	2	2
Kg	Kennebec Silt Loam, Channeled	5	48	0.32	3	3	3
Ko	Kennebec Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Lu	Luton Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Ma	Marshall Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MaC	Marshall Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
MaC2	Marshall Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
Mb	Marshall Silty Clay Loam, Terrace, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Mk	Modale Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
MnD	Monona Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
MnD2	Monona Silt Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnE	Monona Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
MnE2	Monona Silt Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
Mo	Moody Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
MoC2	Moody Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Burt County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.15 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
MoD	Moody Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Mt	Moody Silty Clay Loam, Terrace, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
NoD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NoD2	Nora Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
NoE	Nora Silty Clay Loam, 11 to 15 Percent Slopes	5	38	0.32	3	1	1
NoE2	Nora Silty Clay Loam, 11 to 15 Percent Slopes, Eroded	5	38	0.32	3	1	1
Om	Omadi Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
On	Onawa Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Ow	Owego Silty Clay, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Pe	Percival Silty Clay, 0 to 2 Percent Slopes	4	86	0.28	3	3	3
Pg	Pits, Gravel	0	0	0	2	2	2
Sa	Salix Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
SbC	Sarpy Fine Sand, 0 to 6 Percent Slopes	5	220	0.15	3	3	3
SgC	Sarpy-Grable Variant Complex, 0 to 6 Percent Slopes	5	220	0.15	3	3	3
So	Solomon Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
StF2	Steinauer Clay Loam, 11 to 30 Percent Slopes, Eroded	5	86	0.32	3	1	1
W	Water	0	0	0	2	2	2
Wo	Woodbury Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Zn	Zook Silt Loam, Overwash, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Zo	Zook Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
zw	Water, Undifferentiated	0	0	0	2	2	2
Zw	Zook Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Butler County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.15 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Af	Alda Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
Ba	Barney Loam, 0 to 2 Percent Slopes	2	86	0.28	3	3	3
Bd	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
BdC	Blendon Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Bf	Blendon-Muir Complex, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bh	Boel Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Bn	Boel-Alda Complex, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Br	Brocksburg Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
BsD	Burchard Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
BsE	Burchard Loam, 11 to 15 Percent Slopes	5	48	0.28	3	1	1
BtE2	Burchard-Steinauer Clay Loams, 11 to 15 Percent Slopes, Eroded	5	48	0.28	3	1	1
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CfG	Coly Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
CoB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
CrD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrE2	Crofton Silt Loam, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrF2	Crofton Silt Loam, 17 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrG	Crofton Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Gb	Gibbon Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Gr	Grigston Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hc	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HcB	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HcC	Hastings Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HcD	Hastings Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
HdC2	Hastings Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HdD2	Hastings Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Hg	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HhB	Hobbs Silt Loam, Channeled, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HkB	Holder Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
IvC	Inavale Loamy Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
IwC	Inavale-Boel Complex, 0 to 6 Percent Slopes	5	134	0.17	3	3	3
JuC	Judson Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Kz	Kezan Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
La	Lamo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
LoC2	Longford Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
LoD2	Longford Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnC	Monona Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	2	2
MnD2	Monona Silt Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnE	Monona Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
MnF	Monona Silt Loam, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
Mu	Muir Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
MuB	Muir Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Ob	Olbut-Butler Silt Loams, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
OvB	Ovina Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Butler County, Nebraska

1990 Frozen Factors
C Factor = 0.15
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
OxC	Ovina-Thurman Complex, 0 to 6 Percent Slopes	5	134	0.17	3	3	3
PaC2	Pawnee Clay Loam, 3 to 6 Percent Slopes, Eroded	4	48	0.37	3	2	2
PaD2	Pawnee Clay Loam, 6 to 11 Percent Slopes, Eroded	4	48	0.37	3	1	1
Pg	Pits, Gravel	0	0	0	2	2	2
PoC2	Ponca Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
PoD2	Ponca Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
PoE2	Ponca Silty Clay Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
PsD2	Ponca-Crofton Complex, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
PsE2	Ponca-Crofton Complex, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
PsF2	Ponca-Crofton Complex, 17 to 30 Percent Slopes, Eroded	5	48	0.32	3	1	1
Sa	Saltine-Gibbon Silt Loams, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
Sh	Sharpsburg Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
ShC	Sharpsburg Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
ShC2	Sharpsburg Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShD	Sharpsburg Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
ShD2	Sharpsburg Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Sk	Silver Creek Complex, 0 to 2 Percent Slopes	3	48	0.32	3	3	3
SmB	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
StD2	Steinauer Clay Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.32	3	2	2
StF	Steinauer Clay Loam, 11 to 30 Percent Slopes	5	86	0.32	3	1	1
StG	Steinauer Clay Loam, 30 to 50 Percent Slopes	5	86	0.32	3	1	1
ThC	Thurman Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
TkD	Thurman-Monona Complex, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
UaF2	Uly Silt Loam, 11 to 15 Percent Slopes, Eroded	5	48	0.32	3	1	1
UbF	Uly-Coly Silt Loams, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
UcF2	Uly-Coly Silt Loams, 15 to 25 Percent Slopes, Eroded	5	48	0.32	3	1	1
UhF2	Uly-Hobbs Silt Loams, 0 to 30 Percent Slopes, Eroded	5	48	0.32	3	2	2
UkC2	Uly Variant Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.37	3	2	2
W	Water	0	0	0	2	2	2
WoB	Wood River Silt Loam, 1 to 3 Percent Slopes	3	48	0.37	3	3	3
Zk	Zook Silt Loam, Overwash, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Zo	Zook Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cass County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Albaton Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
BmD	Burchard-Morrill Clay Loams, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
Co	Colo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
Cp	Colo-Nodaway Complex, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
GeD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
Ha	Haynie Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
HdF	Hedville Sandy Loam, 6 to 20 Percent Slopes	2	86	0.2	3	1	1
IdF	Ida Silt Loam, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
Ju	Judson Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
JuC	Judson Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
MaC	Marshall Silty Clay Loam, 2 to 5 Percent Slopes	5	38	0.32	3	2	2
MaC2	Marshall Silty Clay Loam, 2 to 5 Percent Slopes, Eroded	5	38	0.32	3	2	2
MaD	Marshall Silty Clay Loam, 5 to 11 Percent Slopes	5	38	0.32	3	2	2
MaD2	Marshall Silty Clay Loam, 5 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MaE2	Marshall Silty Clay Loam, 11 to 17 Percent Slopes, Eroded	5	38	0.32	3	1	1
MeD2	Mayberry Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	4	48	0.37	3	1	1
MnC	Monona Silt Loam, 2 to 5 Percent Slopes	5	48	0.32	3	2	2
MnD2	Monona Silt Loam, 5 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnE2	Monona Silt Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
MnF	Monona Silt Loam, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
MoE2	Monona-Ida Silt Loams, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
MoG	Monona-Ida Silt Loams, 30 to 60 Percent Slopes	5	48	0.32	3	1	1
MrD2	Morrill Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.28	3	2	2
Nd	Nodaway Silt Loam, 0 to 2 Percent Slopes	5	48	0.37	3	3	3
Nh	Nodaway Silt Loam, Channeled	5	48	0.37	3	3	3
On	Onawa Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
PaD2	Pawnee Clay Loam, 6 to 11 Percent Slopes, Eroded	4	48	0.37	3	1	1
Pg	Pits and Dumps	0	0	0	2	2	2
Ph	Pits, Quarries	0	0	0	2	2	2
Sa	Sarpy Loamy Fine Sand, Frequently Flooded	5	134	0.17	3	3	3
SbB	Sarpy-Haynie Complex, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Sh	Sharpsburg Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
ShC	Sharpsburg Silty Clay Loam, 2 to 5 Percent Slopes	5	38	0.32	3	2	2
ShC2	Sharpsburg Silty Clay Loam, 2 to 5 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShD	Sharpsburg Silty Clay Loam, 5 to 9 Percent Slopes	5	38	0.32	3	2	2
ShD2	Sharpsburg Silty Clay Loam, 5 to 9 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShE2	Sharpsburg Silty Clay Loam, 9 to 15 Percent Slopes, Eroded	5	38	0.32	3	1	1
Sk	Sharpsburg Silty Clay Loam, Terrace, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
SkB	Sharpsburg Silty Clay Loam, Terrace, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
SmB	Sharpsburg Variant Silty Clay Loam, 1 to 4 Percent Slopes	5	38	0.32	3	3	3
SoF	Sogn-Rock Outcrop Complex, 11 to 30 Percent Slopes	1	86	0.32	1	1	1
ThE	Thurman Loamy Fine Sand, 9 to 20 Percent Slopes	5	134	0.17	3	2	2
Ud	Udorthents, Silty	0	0	0	2	2	2
W	Water	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cass County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Wt	Wymore Silty Clay Loam, 0 to 2 Percent Slopes	4	38	0.37	3	3	3
WtC	Wymore Silty Clay Loam, 2 to 5 Percent Slopes	4	38	0.37	3	2	2
WtC2	Wymore Silty Clay Loam, 2 to 5 Percent Slopes, Eroded	4	38	0.37	3	2	2
WtD2	Wymore Silty Clay Loam, 5 to 9 Percent Slopes, Eroded	4	38	0.37	3	1	1
Zo	Zook Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
Zp	Zook Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cedar County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Aa	Albaton Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ab	Albaton Silty Clay, Ponded, 0 to 2 Percent Slopes	5	0	0.32	3	3	3
AcC	Alcester Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
AcD	Alcester Silt Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
Ao	Aowa Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Ap	Aowa Silt Loam, Channeled	5	86	0.32	3	3	3
Ba	Baltic Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.37	3	3	3
Bb	Barney Variant Fine Sand, 0 to 2 Percent Slopes	5	160	0.15	1	3	1
BeE	Betts Clay Loam, 6 to 15 Percent Slopes	5	86	0.28	3	2	2
BeF	Betts Clay Loam, 15 to 30 Percent Slopes	5	86	0.28	3	1	1
Bk	Blake Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
BmC	Blendon Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Bn	Blendon Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
BoD	Boyd Silty Clay, 6 to 11 Percent Slopes	4	86	0.37	3	1	1
BoE	Boyd Silty Clay, 11 to 15 Percent Slopes	4	86	0.37	3	1	1
Ce	Colo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
CfF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CfG	Crofton Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
ChG	Crofton-Alcester Silt Loams, 20 to 60 Percent Slopes	5	86	0.43	3	1	1
CkG	Crofton-Gavins Silt Loams, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
CnC2	Crofton-Nora Complex, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CnD2	Crofton-Nora Complex, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CnE2	Crofton-Nora Complex, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
Dm	Dudley-Moody Complex, 0 to 2 Percent Slopes	3	48	0.43	3	3	3
El	Eltree Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
ElC	Eltree Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	2	2
ElD	Eltree Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
GaE	Gavins Silt Loam, 6 to 15 Percent Slopes	2	86	0.43	1	1	1
GaF	Gavins Silt Loam, 15 to 30 Percent Slopes	2	86	0.43	1	1	1
Gr	Grable Silt Loam, 0 to 2 Percent Slopes	4	86	0.32	3	3	3
Hn	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hr	Hord Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hs	Hord Silt Loam, Bedrock Substratum, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
In	Inavale Coarse Sand, Channeled	5	220	0.15	1	3	1
Ke	Kezan Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Lb	Lamo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Lc	Lamo Silty Clay Loam, Wet, 0 to 2 Percent Slopes	5	0	0.32	3	3	3
LoC	Loretto Loam, Sand Substratum, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
LoD	Loretto Loam, Sand Substratum, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
Ma	Maskell Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
MaC	Maskell Loam, 2 to 6 Percent Slopes	5	56	0.28	3	2	2
Mm	Modale Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
Mo	Moody Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MoC2	Moody Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cedar County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Nb	Nimbro Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
NrD2	Nora Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
On	Onawa Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
OrC	Ortello Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
OrD	Ortello Sandy Loam, 6 to 11 Percent Slopes	5	86	0.2	3	2	2
OrE	Ortello Sandy Loam, 11 to 15 Percent Slopes	5	86	0.2	3	1	1
Pe	Percival Silty Clay, 0 to 2 Percent Slopes	4	86	0.28	3	3	3
Pt	Pits, Sand and Gravel	0	0	0	2	2	2
Rd	Redstoe Silt Loam, 0 to 2 Percent Slopes	4	86	0.32	3	3	3
RdC	Redstoe Silt Loam, 2 to 6 Percent Slopes	4	86	0.32	3	2	2
RdD	Redstoe Silt Loam, 6 to 11 Percent Slopes	4	86	0.32	3	1	1
SbD	Sarpy Fine Sand, 3 to 11 Percent Slopes	5	220	0.15	1	2	1
ScB	Sarpy Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Sh	Shell Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
StF	Simeon-Talmo-Ortello Complex, 9 to 30 Percent Slopes	5	86	0.24	3	1	1
TaD	Talmo-Loretto Complex, 3 to 9 Percent Slopes	2	86	0.2	1	2	1
ThC	Thurman-Loretto Complex, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
ToD	Thurman-Ortello Complex, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Chase County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ac	Alliance Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Af	Altvan Loam, 0 to 1 Percent Slopes	4	56	0.28	1	3	1
AfB	Altvan Loam, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
AfC	Altvan Loam, 3 to 6 Percent Slopes	4	56	0.28	1	3	1
AsB	Ascalon Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
AsC	Ascalon Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
BeB	Blanche Very Fine Sandy Loam, 0 to 3 Percent Slopes	4	86	0.32	1	3	1
Bg	Bridget Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
BgB	Bridget Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
BuC	Bushman Very Fine Sandy Loam, 1 to 4 Percent Slopes	5	86	0.32	1	3	1
Cb	Caruso Loam, 0 to 2 Percent Slopes	5	86	0.28	1	3	1
ChD	Colby Silt Loam, 6 to 9 Percent Slopes	5	86	0.43	1	2	1
ChF	Colby Silt Loam, 9 to 30 Percent Slopes	5	86	0.43	1	1	1
ChG	Colby Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	1	1	1
CrB	Creighton Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
CrC	Creighton Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
CrD	Creighton Very Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.32	1	2	1
DbB	Dailey Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DuC	Duda-Tassel Loamy Sands, 3 to 6 Percent Slopes	4	134	0.17	1	3	1
Fu	Fluvaquents, Silty	0	0	0	2	2	2
Gb	Gannett Silt Loam, Overwash, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Gf	Gibbon Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Gh	Goshen Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
HaB	Haxtun Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
HdB	Haxtun Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
JaB	Jayem Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
JaC	Jayem Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
JcB	Jayem Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
JcC	Jayem Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
KeB	Keith Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KeC2	Keith Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
Ku	Kuma Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
KuB	Kuma Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
KuC	Kuma Silt Loam, 3 to 6 Percent Slopes	5	56	0.32	3	3	3
LaB	Laird Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
Ma	Mace Silt Loam, 0 to 1 Percent Slopes	4	48	0.32	3	3	3
MaB	Mace Silt Loam, 1 to 3 Percent Slopes	4	48	0.32	3	3	3
Mc	Mace-Alliance Silt Loams, 0 to 1 Percent Slopes	4	48	0.32	3	3	3
McB	Mace-Alliance Silt Loams, 1 to 3 Percent Slopes	4	48	0.32	3	3	3
Mm	McCash Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
Mo	McCook Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
Mp	McCook Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
MtB	McCook Silt Loam, Channeled, 0 to 3 Percent Slopes	5	86	0.32	1	3	1
OaF	Otero-Canyon Loams, 6 to 20 Percent Slopes	5	86	0.37	1	2	1
OaG	Otero-Canyon Loams, 20 to 45 Percent Slopes	5	86	0.37	1	1	1
Rs	Rosebud Loam, 0 to 1 Percent Slopes	4	48	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Chase County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.6 R Factor = 100 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
RsB	Rosebud Loam, 1 to 3 Percent Slopes	4	48	0.28	3	3	3
Rt	Rosebud-Canyon Loams, 0 to 1 Percent Slopes	4	48	0.28	3	3	3
RtB	Rosebud-Canyon Loams, 0 to 3 Percent Slopes	4	48	0.28	3	3	3
RtC	Rosebud-Canyon Loams, 3 to 6 Percent Slopes	4	48	0.28	3	3	3
RtD2	Rosebud-Canyon Loams, 6 to 11 Percent Slopes, Eroded	4	48	0.28	3	2	2
SaC	Sarben Loamy Very Fine Sand, 3 to 6 Percent Slopes	5	134	0.24	1	3	1
SaD	Sarben Loamy Very Fine Sand, 6 to 9 Percent Slopes	5	134	0.24	1	2	1
SbB	Satanta Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
SbC	Satanta Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	1	3	1
TaB	Tassel-Duda Loamy Sands, 0 to 3 Percent Slopes	2	134	0.17	1	3	1
TaF	Tassel-Duda Loamy Sands, 3 to 30 Percent Slopes	2	134	0.17	1	2	1
UsC2	Ulysses Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
UsD2	Ulysses Silt Loam, 6 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
VaF	Valent Sand, Rolling	5	250	0.15	1	2	1
VaG	Valent Sand, Rolling and Hilly	5	250	0.15	1	2	1
VcB	Valent Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VcD	Valent Loamy Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VeB	Vetal Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
W	Water	0	0	0	2	2	2
Wa	Wann Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	1	3	1
WoB	Woodly Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
WpB	Woodly Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cherry County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 75

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ad	Almeria Loamy Fine Sand, Channeled, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ae	Almeria Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
Af	Almeria Fine Sandy Loam, Wet, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
AmB	Anselmo Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
AmC	Anselmo Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
An	Anselmo Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
AnD	Anselmo Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.2	3	3	3
AuF	Anselmo-Longpine Fine Sandy Loams, 9 to 30 Percent Slopes	5	86	0.2	3	2	2
BcG	Blown Out Land-Valentine Complex, 0 to 60 Percent Slopes	5	310	0.15	1	2	1
Bm	Bolent Loamy Fine Sand, Channeled, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bn	Bolent Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	3	3	3
Bp	Bolent-Inglewood, Calcareous Loamy Fine Sands, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
BsD	Busher Fine Sandy Loam, 6 to 9 Percent Slopes	4	86	0.2	1	3	1
BvF	Busher-Tassel Fine Sandy Loams, 9 to 30 Percent Slopes	4	86	0.2	1	2	1
Cr	Crowther Loam, 0 to 1 Percent Slopes	4	0	0.24	3	3	3
Cs	Crowther Loam, Wet, 0 to 1 Percent Slopes	4	0	0.24	3	3	3
Cv	Cullison Loam, 0 to 1 Percent Slopes	5	0	0.24	3	3	3
Cx	Cullison Loam, Wet, 0 to 1 Percent Slopes	5	0	0.24	3	3	3
Cy	Cutcomb Mucky Peat, 0 to 2 Percent Slopes	3	0	0	3	3	3
DaB	Dailey Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DaD	Dailey Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
DfB	Doughboy Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Dg	Doughboy Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
DtB	Duda-Fishberry Loamy Fine Sands, 0 to 3 Percent Slopes	3	134	0.17	1	3	1
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DuD	Dunday Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
Ec	Els Fine Sand, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
EfB	Els-Ipage Fine Sands, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Eh	Els-Tryon Complex, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Em	Els, Calcareous-Hoffland Complex, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
En	Els, Calcareous-Selia Fine Sands, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Es	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Et	Elsmere Loamy Fine Sand, Calcareous, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Ew	Elsmere-Loup Complex, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
FbC	Fishberry Fine Sandy Loam, 0 to 6 Percent Slopes	2	86	0.24	1	2	1
FcF	Fishberry-Duda Loamy Fine Sands, 6 to 30 Percent Slopes	2	134	0.17	1	2	1
FdG	Fishberry-Rock Outcrop Complex, 20 to 60 Percent Slopes	2	134	0.17	1	1	1
Fe	Fluvaquents, Sandy, 0 to 1 Percent Slopes	5	0	0.17	3	3	3
Ga	Gannett Loam, 0 to 1 Percent Slopes	4	0	0.24	3	3	3
Gb	Gannett Loam, Wet, 0 to 1 Percent Slopes	4	0	0.24	3	3	3
Gc	Gus Clay Loam, 0 to 1 Percent Slopes	5	0	0.24	3	3	3
Gf	Gus Clay Loam, Wet, 0 to 1 Percent Slopes	5	0	0.24	3	3	3
He	Hennings Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	1	3	1
HeC	Hennings Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	1	3	1
HeD	Hennings Fine Sandy Loam, 6 to 11 Percent Slopes	4	86	0.2	1	2	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cherry County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.4 R Factor = 75 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
HgE	Hennings-Anselmo Fine Sandy Loams, 11 to 20 Percent Slopes	4	86	0.2	1	2	1
Hr	Hoffland Fine Sandy Loam, 0 to 1 Percent Slopes	3	0	0.2	3	3	3
Hs	Hoffland Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	3	0	0.2	3	3	3
Ht	Holt Fine Sandy Loam, 0 to 2 Percent Slopes	3	86	0.2	1	3	1
HuC	Holt-Longpine Fine Sandy Loams, 2 to 6 Percent Slopes	3	86	0.2	1	3	1
HuD	Holt-Longpine Fine Sandy Loams, 6 to 9 Percent Slopes	3	86	0.2	1	2	1
HyC	Holt-Vetal Fine Sandy Loams, 0 to 6 Percent Slopes	3	86	0.2	1	3	1
Ic	Calamus Fine Sand, Calcareous, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Id	Calamus Loamy Fine Sand, Calcareous, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
IgB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IhB	Ipage Fine Sand, Calcareous, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IpB	Ipage Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ItB	Ipage-Tryon Complex, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Jn	Jansen Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	1	3	1
Ke	Keya Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
LfB	Libory Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Lh	Lodgepole Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Lo	Loup Fine Sandy Loam, 0 to 1 Percent Slopes	3	0	0.2	3	3	3
Lp	Loup Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	3	0	0.2	3	3	3
Ma	Marlake Fine Sandy Loam, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
McB	McKelvie Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
McD	McKelvie Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
McF	McKelvie Loamy Fine Sand, 9 to 30 Percent Slopes	5	134	0.17	1	2	1
MdF	McKelvie-Fishberry Loamy Fine Sands, 9 to 30 Percent Slopes	5	134	0.17	1	2	1
MeG	McKelvie-Fishberry-Rock Outcrop Complex, 11 to 60 Percent Slopes	5	134	0.17	1	2	1
MfG	McKelvie-Rock Outcrop Complex, 20 to 60 Percent Slopes	5	134	0.17	1	2	1
MgG	McKelvie-Ustorthents Complex, 20 to 60 Percent Slopes	5	250	0.15	1	2	1
MxB	Meadin Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
MxF	Meadin Loamy Sand, 3 to 30 Percent Slopes	5	134	0.17	1	2	1
Mz	Medihemists, 0 to 2 Percent Slopes	5	0	0	3	3	3
NeB	Nenzel Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
NfB	Nenzel Loamy Fine Sand, Calcareous, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Or	Ord Loam, 0 to 2 Percent Slopes	4	86	0.28	1	3	1
OsD	Orpha Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
OtF	Orpha-Niobrara Loamy Fine Sands, 9 to 30 Percent Slopes	5	134	0.17	1	2	1
OxG	Orpha-Rock Outcrop Complex, 20 to 60 Percent Slopes	5	134	0.17	1	2	1
PtB	Pivot Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SfB	Sandose Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ShB	Sandose-Hennings Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ShC	Sandose-Hennings Loamy Fine Sands, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
ShD	Sandose-Hennings Loamy Fine Sands, 6 to 11 Percent Slopes	5	134	0.17	1	3	1
SnB	Satanta Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
SoB	Simeon Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
SvD	Simeon-Valentine Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
SvF	Simeon-Valentine Complex, 9 to 24 Percent Slopes	5	250	0.15	1	2	1
Tn	Tryon Fine Sandy Loam, 0 to 1 Percent Slopes	5	0	0.2	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cherry County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.4 R Factor = 75 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
To	Tryon Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
TwC	Tuthill Fine Sandy Loam, 3 to 6 Percent Slopes	4	86	0.2	1	3	1
TwD	Tuthill Fine Sandy Loam, 6 to 11 Percent Slopes	4	86	0.2	1	2	1
VkB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VkD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VkE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VkF	Valentine Complex, Rolling and Hilly	5	250	0.15	1	2	1
VkG	Valentine Fine Sand, Hilly	5	250	0.15	1	2	1
VmB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VmD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VnD	Valentine-Duda Complex, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VnF	Valentine-Duda Complex, 9 to 24 Percent Slopes	5	250	0.15	1	2	1
VoD	Valentine-Els Fine Sands, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VpD	Valentine-Libory Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VsD	Valentine-Sandose Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VwF	Valentine-Tryon Fine Sands, 0 to 24 Percent Slopes	5	250	0.15	1	2	1
VyB	Vetal Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Vz	Vetal Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
W	Water	0	0	0	2	2	2
WeB	Wildhorse Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cheyenne County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.6 R Factor = 75 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Ao	Alliance Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
AoB	Alliance Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
AoC	Alliance Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
AtB	Altvan Loam, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
AtC	Altvan Loam, 3 to 6 Percent Slopes	4	56	0.28	1	3	1
AvD	Altvan-Dix Complex, 3 to 9 Percent Slopes	4	56	0.28	1	2	1
Bb	Bankard Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bc	Bankard Loamy Fine Sand, Channeled	5	134	0.17	1	3	1
Be	Bayard Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
BeB	Bayard Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
BeC	Bayard Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
BeD	Bayard Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.2	1	3	1
BeE	Bayard Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.2	1	2	1
Bg	Bridget Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
BgB	Bridget Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
BgC	Bridget Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
BgD	Bridget Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	2	1
BuC	Busher Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
BxD	Busher-Tassel Complex, 3 to 9 Percent Slopes	5	86	0.2	1	3	1
ByE	Busher-Tassel Complex, 9 to 20 Percent Slopes	4	86	0.2	1	2	1
CcF	Canyon Fine Sandy Loam, 6 to 30 Percent Slopes	2	86	0.32	1	1	1
CdG	Canyon-Rock Outcrop Complex, 11 to 60 Percent Slopes	2	86	0.24	1	1	1
CeE	Canyon-Bayard Complex, 6 to 20 Percent Slopes	2	86	0.32	1	1	1
CtB	Creighton Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
CtC	Creighton Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
DhD	Dix Gravelly Loam, 3 to 11 Percent Slopes	2	86	0.2	1	2	1
DhG	Dix Gravelly Loam, 11 to 50 Percent Slopes	2	0	0.15	3	2	2
Du	Duroc Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
DuB	Duroc Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Dv	Duroc Loam, Terrace, Gravelly Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Dx	Duroc Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
DyE	Dwyer Loamy Fine Sand, 9 to 17 Percent Slopes	5	134	0.17	1	2	1
ErE	Epping-Mitchell Complex, 3 to 20 Percent Slopes	2	86	0.43	1	2	1
Gd	Glenberg Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	1	3	1
Go	Goshen Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
JmB	Jayem Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
JmC	Jayem Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
Jo	Johnstown Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Ke	Keith Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KeB	Keith Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KeC	Keith Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
Ku	Kuma Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Lm	Las Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Lw	Las Animas Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Ly	Lodgepole Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Mc	McCook Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cheyenne County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.6 R Factor = 75 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
MkC	Mitchell Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.43	1	3	1
MkD	Mitchell Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.43	1	2	1
MkE	Mitchell Very Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.43	1	2	1
Pg	Pits, Sand and Gravel	0	0	0	2	2	2
ReG	Rock Outcrop-Epping Complex, 11 to 60 Percent Slopes	0	0	0	2	2	2
RhG	Rock Outcrop-Tassel Complex, 20 to 60 Percent Slopes	0	0	0	2	2	2
Ro	Rosebud Loam, 0 to 1 Percent Slopes	4	56	0.28	1	3	1
RoB	Rosebud Loam, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
RoC	Rosebud Loam, 3 to 6 Percent Slopes	4	56	0.28	1	3	1
RsD	Rosebud-Canyon Complex, 3 to 9 Percent Slopes	4	56	0.28	1	2	1
Sb	Satanta Loam, Gravelly Substratum, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
SbB	Satanta Loam, Gravelly Substratum, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
SbC	Satanta Loam, Gravelly Substratum, 3 to 6 Percent Slopes	5	48	0.28	3	3	3
SnC	Sidney Loam, 3 to 6 Percent Slopes	4	86	0.28	1	3	1
SoD	Sidney-Canyon Complex, 3 to 9 Percent Slopes	4	86	0.28	1	2	1
TbF	Tassel-Busher Complex, 3 to 30 Percent Slopes	2	134	0.24	1	2	1
TcG	Tassel-Busher-Rock Outcrop Complex, 11 to 60 Percent Slopes	2	134	0.24	1	1	1
UyB	Ulysses Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
UyC	Ulysses Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
VdD	Valent Loamy Fine Sand, 6 to 9 Percent Slopes	5	134	0.17	1	3	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Clay County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Ca	Cass Fine Sandy Loam, Overwash, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Cd	Cass Silt Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Ce	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CeB	Crete Silt Loam, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
Cg	Crete Silt Loam, Thick Solum, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fo	Fillmore Silt Loam, Drained, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
GaC	Geary Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
GaD	Geary Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
GaF	Geary-Hobbs Silt Loams, 0 to 30 Percent Slopes	5	48	0.32	3	2	2
GeC2	Geary Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeE2	Geary Silty Clay Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hc	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HcB	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HcC	Hastings Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HdC2	Hastings Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HdD2	Hastings Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
He	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hf	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
HgC	Holder Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HgD	Holder Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
HhC2	Holder Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HhD2	Holder Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Hr	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Ma	Massie Silty Clay Loam, 0 to 1 Percent Slopes	3	0	0.37	3	3	3
MdF	Meadin Sandy Loam, 3 to 30 Percent Slopes	3	86	0.2	3	2	2
Pt	Pits, Gravel	0	0	0	2	2	2
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
UyE2	Uly Silt Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
UyF	Uly-Hobbs Silt Loams, 0 to 30 Percent Slopes	5	48	0.32	3	2	2
W	Water	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Colfax County, Nebraska

1990 Frozen Factors
C Factor = 0.15
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
AcC	Alcester Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Af	Alda Fine Sandy Loam, 0 to 1 Percent Slopes	4	86	0.2	3	3	3
Ag	Alda Loam, 0 to 1 Percent Slopes	4	48	0.28	3	3	3
Be	Belfore Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bf	Belfore Silty Clay Loam, Terrace, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bh	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
BnC	Blendon Loam, 2 to 6 Percent Slopes	5	56	0.28	3	2	2
Bo	Boel Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Cg	Colo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
CrC2	Crofton Silt Loam, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CrD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrF2	Crofton Silt Loam, 15 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
Ed	Eudora Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fp	Fillmore Silt Loam, Ponded, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Gc	Gayville Variant Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
GvD2	Geary Variant Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
GvF2	Geary Variant Silty Clay Loam, 11 to 30 Percent Slopes, Eroded	5	38	0.32	3	1	1
Ha	Hall Silty Clay Loam, Sandy Substratum, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Hb	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hf	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
InB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
InD	Inavale Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	3	2	2
Kz	Kezan Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Lc	Lawet Silt Loam, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Ld	Lawet Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Lu	Luton Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Mo	Moody Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
MoC2	Moody Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
MoD	Moody Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Na	Napa-Luton Complex, 0 to 1 Percent Slopes	3	48	0.28	3	3	3
NoC	Nora Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
NoC2	Nora Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
NoD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NoE	Nora Silty Clay Loam, 11 to 15 Percent Slopes	5	38	0.32	3	1	1
NpD2	Nora-Crofton Complex, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
NpE2	Nora-Crofton Complex, 11 to 15 Percent Slopes, Eroded	5	38	0.32	3	1	1
Of	Ord Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
Pc	Platte Loam, 0 to 2 Percent Slopes	3	86	0.28	3	3	3
Px	Platte-Inavale Complex, Channeled	3	56	0.28	3	3	3
So	Shell Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Sp	Shell Silt Loam, Clayey Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Colfax County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.15 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
StD2	Steinauer Clay Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.32	3	2	2
StF2	Steinauer Clay Loam, 11 to 30 Percent Slopes, Eroded	5	86	0.32	3	1	1
TmC2	Thurman-Moody Complex, 2 to 6 Percent Slopes, Eroded	5	134	0.17	3	3	3
TmD2	Thurman-Moody Complex, 6 to 11 Percent Slopes, Eroded	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Zo	Zook Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Cuming County, Nebraska

1990 Frozen Factors
C Factor = 0.15
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Be	Belfore Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bf	Belfore Silty Clay Loam, Terrace, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bo	Boel Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ca	Calco Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cb	Calco Silty Clay Loam, Wet, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cd	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Ce	Colo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
CfD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
In	Inavale Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
InC	Inavale Loamy Fine Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
JuC	Judson Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.28	3	2	2
Ke	Kennebec Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Ko	Kennebec Silt Loam, Overwash, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
La	Lamo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Lb	Lamo Silty Clay Loam, Wet, 0 to 1 Percent Slopes	5	0	0.32	3	3	3
Lc	Lamo-Slickspots Complex, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
LeC	Leisy Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
LeD	Leisy Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.2	3	2	2
LfC	Leisy Loam, 2 to 6 Percent Slopes	5	56	0.28	3	2	2
Lh	Leshara Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Mh	Marsh	2	0	0.28	3	3	3
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
MoC2	Moody Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
MoD	Moody Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
NoD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NoD2	Nora Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
NoE	Nora Silty Clay Loam, 11 to 15 Percent Slopes	5	38	0.32	3	1	1
NoE2	Nora Silty Clay Loam, 11 to 15 Percent Slopes, Eroded	5	38	0.32	3	1	1
Sa	Sandy Alluvial Land	5	220	0.15	3	3	3
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
TvB	Thurman and Valentine Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
TvC	Thurman and Valentine Loamy Fine Sands, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
TvD	Thurman and Valentine Loamy Fine Sands, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
VaD	Valentine Loamy Fine Sand, 3 to 10 Percent Slopes	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Wm	Wann Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Zo	Zook Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
zp	Gravel Pits	0	0	0	2	2	2
Zw	Zook Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Custer County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
AfB	Anselmo Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
An	Anselmo Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Ao	Anselmo Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
AoB	Anselmo Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
Ba	Barney Fine Sandy Loam, 0 to 2 Percent Slopes	2	86	0.2	1	3	1
Bn	Barney Variant Loam, 0 to 1 Percent Slopes	2	86	0.28	1	3	1
Bo	Boel Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bp	Boel Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
BxB	Boel Soils, Channeled, 0 to 3 Percent Slopes	5	86	0.17	3	3	3
Ca	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
CoD2	Coly Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CoF2	Coly Silt Loam, 11 to 20 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
Cs	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CsC	Cozad Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
Cz	Cozad Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CzB	Cozad Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
EcB	Els Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Fm	Fillmore Variant Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Ga	Gannett Loam, 0 to 1 Percent Slopes	5	0	0.24	3	3	3
Gb	Gannett and Loup Loams, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
GfC	Gates Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.37	3	3	3
GfD	Gates Very Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.37	3	2	2
GfE	Gates Very Fine Sandy Loam, 11 to 15 Percent Slopes	5	86	0.37	3	1	1
GfF	Gates Very Fine Sandy Loam, 15 to 30 Percent Slopes	5	86	0.37	3	1	1
GhG	Gates-Hersh Complex, 30 to 60 Percent Slopes	5	86	0.37	3	1	1
Gk	Gibbon Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Gr	Graybert Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
GrB	Graybert Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	3	3	3
GrC	Graybert Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaB	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HeB	Hersh Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HeC	Hersh Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.24	3	3	3
HeD	Hersh Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.24	3	2	2
HeE	Hersh Fine Sandy Loam, 11 to 15 Percent Slopes	5	86	0.24	3	2	2
HhF	Hersh-Valentine Complex, 15 to 30 Percent Slopes	5	86	0.24	3	1	1
Hk	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hm	Hobbs Silt Loam, Channeled, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
HoC2	Holdrege Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
HoD	Holdrege Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
HoD2	Holdrege Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Custer County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.4 R Factor = 100 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
HpB	Hord Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
Hr	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HrC	Hord Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
Ht	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HtB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
InB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
IpB	Ipage Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Ks	Kenesaw Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KsB	Kenesaw Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Or	Ord Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Ov	Ovina Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Pg	Pits, Gravel	0	0	0	2	2	2
Ru	Rusco Silty Clay Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Sc	Scott Silty Clay Loam, 0 to 1 Percent Slopes	3	38	0.37	3	3	3
UbD	Uly Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
UbE	Uly Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
UcF	Uly-Coly Silt Loams, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
VaB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VbB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VbD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VbE	Valentine Loamy Fine Sand, Rolling	5	134	0.17	1	2	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dakota County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.2 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Aa	Albaton Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ab	Albaton Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ac	Albaton Silty Clay, Depressional, 0 to 1 Percent Slopes	5	0	0.32	3	3	3
Ad	Alluvial Land	5	220	0.15	1	3	1
Ba	Blake Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
Bb	Blencoe Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Bc	Blyburg Silt Loam, 0 to 2 Percent Slopes	5	56	0.32	3	3	3
BcC	Blyburg Silt Loam, 2 to 6 Percent Slopes	5	56	0.32	3	2	2
Bd	Blyburg Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Be	Blyburg Silty Clay, Overwash, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ca	Calco Silt Loam, Overwash, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cb	Calco Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
CfC2	Crofton Silt Loam, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CfD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfE	Crofton Silt Loam, 11 to 15 Percent Slopes	5	86	0.43	3	1	1
CfE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CfF2	Crofton Silt Loam, 15 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
Fn	Forney Silt Loam, Overwash, 0 to 2 Percent Slopes	5	48	0.37	3	3	3
Fo	Forney Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Fs	Forney Soils, Swales, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Gb	Grable Very Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.32	3	3	3
GuG	Gullied Land-Ida Complex, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
He	Haynie Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
IdE2	Ida Silt Loam, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdF	Ida Silt Loam, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
IdF2	Ida Silt Loam, 17 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
IeG	Ida Soils, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
Ju	Judson Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
JuC	Judson Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.28	3	2	2
Ke	Kennebec Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Ko	Kennebec Silt Loam, Overwash, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Lu	Luton Silty Clay, Thin Surface, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Mh	Marsh	5	0	0.28	3	3	3
Mk	Modale Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
MnD	Monona Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
MnE	Monona Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
MnF	Monona Silt Loam, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
MoD	Moody Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MpE	Moody-Nora Silty Clay Loams, 11 to 15 Percent Slopes	5	38	0.32	3	1	1
NaC	Napier Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	2	2
NaD	Napier Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
NaE	Napier Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
NgD	Napier-Gullied Land Complex, 2 to 11 Percent Slopes	5	48	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dakota County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
NoC2	Nora Silt Loam, 2 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoD	Nora Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
NoD2	Nora Silt Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoE	Nora Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
NoE2	Nora Silt Loam, 11 to 15 Percent Slopes, Eroded	5	48	0.32	3	1	1
NoF	Nora Silt Loam, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
Om	Omadi Silt Loam, 0 to 2 Percent Slopes	5	56	0.32	3	3	3
On	Onawa Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Ow	Owego Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Pe	Percival Silty Clay, 0 to 2 Percent Slopes	4	86	0.28	3	3	3
SaF	Sansarc-Nora Complex, 11 to 30 Percent Slopes	2	86	0.37	1	1	1
SbD	Sarpy Fine Sand, 2 to 11 Percent Slopes	5	220	0.15	1	2	1
ScC	Sarpy Loamy Fine Sand, 0 to 6 Percent Slopes	5	134	0.17	3	3	3
So	Sarpy Silty Clay, Overwash, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
W	Water	0	0	0	2	2	2
Wu	Waubonsie Very Fine Sandy Loam, Loamy Substratum, 0 to 2 Percent S	5	86	0.32	3	3	3
zp	Borrow Pits and Gravel Pits	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dawes County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
AcB	Alliance Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
AcD	Alliance Silt Loam, 3 to 9 Percent Slopes	5	48	0.32	3	3	3
AcD2	Alliance Silt Loam, 3 to 9 Percent Slopes, Eroded	5	48	0.32	3	3	3
Ba	Badland	0	0	0	2	2	2
Bc	Bankard Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bd	Bankard Loamy Fine Sand, Wet Variant, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bf	Breaks-Alluvial Land Complex	5	86	0.43	1	1	1
Bg	Bridget Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
BgB	Bridget Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
BgD	Bridget Silt Loam, 3 to 9 Percent Slopes	5	56	0.32	3	3	3
BgF	Bridget Silt Loam, 9 to 20 Percent Slopes	5	56	0.32	3	2	2
Bh	Buffington Silty Clay, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
Bn	Bufton Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
BnB	Bufton Silty Clay Loam, 1 to 3 Percent Slopes	5	86	0.37	1	3	1
BnD	Bufton Silty Clay Loam, 3 to 9 Percent Slopes	5	86	0.37	1	3	1
BnF	Bufton Silty Clay Loam, 9 to 20 Percent Slopes	5	86	0.37	1	2	1
BoD	Bufton-Slickspots Complex, 0 to 9 Percent Slopes	5	86	0.37	1	3	1
BuC	Busher Loamy Very Fine Sand, 1 to 5 Percent Slopes	5	134	0.2	1	3	1
BuC2	Busher Loamy Very Fine Sand, 1 to 5 Percent Slopes, Eroded	5	134	0.2	1	3	1
BuD	Busher Loamy Very Fine Sand, 5 to 9 Percent Slopes	5	134	0.2	1	3	1
BuD2	Busher Loamy Very Fine Sand, 5 to 9 Percent Slopes, Eroded	5	134	0.2	1	3	1
BuF	Busher Loamy Very Fine Sand, 9 to 20 Percent Slopes	5	134	0.2	1	2	1
BxF	Busher-Tassel Complex, 6 to 20 Percent Slopes	5	134	0.2	1	2	1
CaG	Tassel-Ponderosa-Rock Outcrop Association, 9 to 70 Percent Slopes	2	86	0.32	1	1	1
CcF	Canyon Soils, 3 to 30 Percent Slopes	2	86	0.32	1	2	1
CcG	Canyon Soils, 30 to 50 Percent Slopes	2	86	0.32	1	1	1
Cf	Clayey Alluvial Land	5	86	0.28	1	3	1
DuB	Duroc Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
EpF	Epping Silt Loam, 3 to 30 Percent Slopes	2	86	0.43	1	2	1
EsG	Epping-Badland Complex, 3 to 50 Percent Slopes	2	86	0.43	1	2	1
GbB	Glenberg Loamy Very Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
GoB	Glenberg Loamy Very Fine Sand, Occasionally Flooded, 0 to 3 Percent	5	134	0.17	1	3	1
Gr	Gravelly Alluvial Land	2	134	0.1	1	3	1
HaB	Haverson Silt Loam, 0 to 3 Percent Slopes	5	86	0.32	1	3	1
HbB	Haverson Silt Loam, Occasionally Flooded, 0 to 3 Percent Slopes	5	86	0.32	1	3	1
HcB	Haverson Silty Clay Loam, Occasionally Flooded, 0 to 3 Percent Slopes	5	86	0.32	1	3	1
JmC	Jayem Loamy Very Fine Sand, 1 to 5 Percent Slopes	5	134	0.17	1	3	1
JmD	Jayem Loamy Very Fine Sand, 5 to 9 Percent Slopes	5	134	0.17	1	3	1
JvD	Jayem and Vetal Loamy Very Fine Sands, 5 to 9 Percent Slopes	5	134	0.17	1	3	1
KaB	Thirtynine Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KaD	Thirtynine Silt Loam, 3 to 9 Percent Slopes	5	48	0.32	3	3	3
KaD2	Thirtynine Silt Loam, 3 to 9 Percent Slopes, Eroded	5	48	0.32	3	3	3
KeB	Keith Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KeD	Keith Silt Loam, 3 to 9 Percent Slopes	5	48	0.32	3	3	3
KfD	Keith and Ulysses Silt Loams, 3 to 9 Percent Slopes	5	48	0.32	3	3	3
KoB	Keota Silt Loam, 1 to 3 Percent Slopes	4	86	0.37	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dawes County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.5 R Factor = 50 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
KpD	Keota-Epping Silt Loams, 3 to 9 Percent Slopes	4	86	0.37	1	2	1
Ky	Kyle Silty Clay, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
KyC	Kyle Silty Clay, 1 to 5 Percent Slopes	5	86	0.37	1	3	1
Kz	Kyle-Slickspots Complex, 0 to 2 Percent Slopes	5	86	0.37	1	3	1
La	Las Animas Soils, 0 to 2 Percent Slopes	5	86	0.24	1	3	1
Lo	Loamy Alluvial Land	5	86	0.28	1	3	1
MnC	Minnequa Silty Clay Loam, 1 to 5 Percent Slopes	2	86	0.37	1	2	1
MnD	Minnequa Silty Clay Loam, 5 to 12 Percent Slopes	2	86	0.37	1	2	1
Mt	Mitchell Silt Loam, 0 to 1 Percent Slopes	5	86	0.43	1	3	1
MtC	Mitchell Silt Loam, 1 to 5 Percent Slopes	5	86	0.43	1	3	1
MtD	Mitchell Silt Loam, 5 to 9 Percent Slopes	5	86	0.43	1	3	1
MtF	Mitchell Silt Loam, 9 to 20 Percent Slopes	5	86	0.43	1	2	1
MxF	Mitchell-Epping Complex, 9 to 30 Percent Slopes	5	86	0.43	1	2	1
NrB	Norrest Silty Clay Loam, 1 to 3 Percent Slopes	4	86	0.37	1	3	1
NrD	Norrest Silty Clay Loam, 3 to 9 Percent Slopes	4	86	0.37	1	2	1
NrF	Norrest Silty Clay Loam, 9 to 20 Percent Slopes	4	86	0.37	1	2	1
OgF	Oglala Loam, 9 to 30 Percent Slopes	5	56	0.28	3	2	2
OhF	Oglala-Canyon Loams, 9 to 20 Percent Slopes	5	56	0.28	3	2	2
OrF	Orella Silty Clay Loam, 3 to 30 Percent Slopes	2	86	0.32	1	2	1
OsG	Orella-Badland Complex, 3 to 50 Percent Slopes	2	86	0.32	1	2	1
PeG	Penrose-Shale Outcrop Complex, 10 to 50 Percent Slopes	2	86	0.32	1	1	1
PmF	Penrose and Minnequa Silty Clay Loams, 5 to 20 Percent Slopes	2	86	0.32	1	2	1
PrC	Pierre Clay, 1 to 6 Percent Slopes	4	86	0.37	1	3	1
PrF	Pierre Clay, 6 to 20 Percent Slopes	4	86	0.37	1	2	1
PsD	Pierre-Slickspots Complex, 3 to 9 Percent Slopes	4	86	0.37	1	2	1
RhB	Richfield Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
RoG	Rock Outcrop-Canyon Complex, 30 to 60 Percent Slopes	0	0	0	2	2	2
RsB	Rosebud Silt Loam, 1 to 3 Percent Slopes	4	48	0.32	3	3	3
RxD	Rosebud-Canyon Loams, 3 to 9 Percent Slopes	4	48	0.28	3	3	3
Sa	Saline-Alkali Land	5	86	0.32	1	2	1
SbF	Samsil-Pierre Complex, 3 to 30 Percent Slopes	2	86	0.37	1	2	1
ShG	Samsil-Shale Outcrop Complex, 9 to 50 Percent Slopes	2	86	0.37	1	1	1
Sn	Sandy Alluvial Land	5	134	0.17	1	3	1
SrC	Sarben Fine Sandy Loam, 1 to 5 Percent Slopes	5	86	0.24	1	3	1
SrD	Sarben Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.24	1	3	1
SrF	Sarben Fine Sandy Loam, 9 to 30 Percent Slopes	5	86	0.24	1	2	1
SvF	Sarben and Vetal Loamy Very Fine Sands, 9 to 30 Percent Slopes	5	86	0.24	1	2	1
SyF	Schamber Soils, 3 to 30 Percent Slopes	2	86	0.17	1	2	1
TaF	Tassel Soils, 3 to 30 Percent Slopes	2	134	0.24	1	2	1
Tr	Tripp Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
TrB	Tripp Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
Ts	Tripp Silt Loam, Saline-Alkali, 0 to 2 Percent Slopes	5	56	0.32	3	3	3
UsF	Ulysses Silt Loam, 9 to 20 Percent Slopes	5	48	0.32	3	2	2
VaB	Valent and Dwyer Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VaF	Valent and Dwyer Loamy Fine Sands, 3 to 17 Percent Slopes	5	134	0.17	1	3	1
VeC	Vetal and Bayard Soils, 1 to 5 Percent Slopes	5	86	0.2	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dawes County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
W	Water	0	0	0	2	2	2
Wx	Bigwinder	5	134	0.17	1	3	1
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dawson County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ad	Alda Loam, 0 to 2 Percent Slopes	4	48	0.28	3	3	3
An	Anselmo Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
AnB	Anselmo Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	3	3	3
AnD	Anselmo Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.2	3	2	2
Ap	Anselmo Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
CoD2	Coly Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CoE2	Coly Silt Loam, 11 to 20 Percent Slopes, Eroded	5	86	0.43	3	1	1
CpG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
Cr	Cozad Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
Cs	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CsB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
CsC	Cozad Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
CsD2	Cozad Silt Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
Ct	Cozad Silt Loam, Saline-Alkali, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Cv	Cozad Silt Loam, Wet Substratum, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
CvB	Cozad Silt Loam, Wet Substratum, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
Cx	Cozad Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
CyF	Cozad-Hobbs Silt Loams, 2 to 30 Percent Slopes	5	48	0.32	3	2	2
Em	Elsmere Loamy Fine Sand, Loamy Substratum, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Es	Elsmere Loamy Fine Sand, Saline-Alkali, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
Fm	Fillmore Silt Loam, 0 to 2 Percent Slopes	4	48	0.37	3	3	3
Fo	Fillmore Silt Loam, Drained, 0 to 2 Percent Slopes	4	48	0.37	3	3	3
Gb	Gibbon Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Gn	Gosper Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Go	Gosper Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Gt	Gosper Loam, Saline-Alkali, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Gu	Gothenburg Soils, 0 to 2 Percent Slopes	2	86	0.24	1	3	1
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaB	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hb	Hall Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hc	Hall Silt Loam, Wet Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hd	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HoC2	Holdrege Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
HpB	Hord Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
Hr	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HrC	Hord Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Hs	Hord Silt Loam, Wet Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Ht	Hord Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Hx	Hord Silty Clay Loam, Wet Substratum, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
La	Lawet Loam, Ponded, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Lb	Lawet Silt Loam, Drained, 0 to 2 Percent Slopes	5	86	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dawson County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.4 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Ld	Lawet Silt Loam, Saline-Alkali, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Le	Lex Loam, 0 to 2 Percent Slopes	4	86	0.28	1	3	1
Lf	Lex Loam, Saline-Alkali, 0 to 2 Percent Slopes	4	86	0.28	1	3	1
OvB	Ovina Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
Pt	Platte Loam, 0 to 2 Percent Slopes	3	86	0.28	1	3	1
Ru	Rusco Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Sc	Silver Creek Silt Loam, 0 to 2 Percent Slopes	3	48	0.32	3	3	3
Sf	Silver Creek Silty Clay Loam, 0 to 2 Percent Slopes	3	38	0.32	3	3	3
Sh	Silver Creek Complex, 0 to 2 Percent Slopes	3	48	0.32	3	3	3
UbE	Uly Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
UcF	Uly-Coly Silt Loams, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
UhD	Uly-Holdrege Silt Loams, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
UmD2	Uly-Holdrege-Coly Silt Loams, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
VaB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VaC	Valentine Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
VaE	Valentine Loamy Fine Sand, Rolling	5	134	0.17	1	2	1
W	Water	0	0	0	2	2	2
Wa	Wann Fine Sandy Loam, Saline-Alkali, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Wb	Wann Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Wo	Wood River Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
Wr	Wood River Complex, 0 to 2 Percent Slopes	3	48	0.37	3	3	3
zp	Gravel Pits	0	0	0	2	2	2
zs	Spoil Banks	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Deuel County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 75

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
3AB	Altvan Loam, 3 to 5 Percent Slopes	4	56	0.28	1	3	1
3AB2	Altvan Loam, 3 to 5 Percent Slopes, Eroded	4	56	0.28	1	3	1
ACC	Altvan-Chappell Complex, 5 to 9 Percent Slopes	4	56	0.28	1	2	1
ACC2	Altvan-Chappell Complex, 5 to 9 Percent Slopes, Eroded	4	56	0.28	1	2	1
An	Anselmo Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
AnB	Anselmo Fine Sandy Loam, 1 to 5 Percent Slopes	5	86	0.2	1	3	1
AnC	Anselmo Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.2	1	3	1
AoBW	Anselmo Loamy Fine Sand, 0 to 5 Percent Slopes	5	134	0.17	1	3	1
AoCW	Anselmo Loamy Fine Sand, 5 to 9 Percent Slopes	5	134	0.17	1	3	1
Bf	Bayard Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
BH	Bridgeport and Havre Loams, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
BHA	Bridgeport and Havre Loams, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
Bw	Bayard Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
CD	Canyon Complex	2	86	0.32	1	2	1
ChA	Chappell Sandy Loam, 0 to 3 Percent Slopes	4	86	0.2	1	3	1
CUB	Colby-Ulysses Silt Loams, 3 to 5 Percent Slopes	5	86	0.43	1	3	1
CUD	Colby-Ulysses Silt Loams, 5 to 15 Percent Slopes	5	86	0.43	1	2	1
Cy	Cheyenne Loam, 0 to 1 Percent Slopes	4	56	0.28	1	3	1
CyA	Cheyenne Loam, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
DCD	Dix-Chappell Loams, 9 to 15 Percent Slopes	2	0	0.2	3	1	1
DK	Dawes-Keith Loams, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
DKA	Dawes-Keith Loams, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
Du	Dunday Loamy Fine Sand	5	134	0.17	1	3	1
DxD	Dix Complex, 5 to 20 Percent Slopes	2	0	0.2	3	2	2
DxE	Dix Complex, 20 to 30 Percent Slopes	2	0	0.2	3	1	1
Gf	Goshen Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
Gh	Goshen Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
GhA	Goshen Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
KeB	Keith Silt Loam, 3 to 5 Percent Slopes	5	48	0.32	3	3	3
KeB2	Keith Silt Loam, 3 to 5 Percent Slopes, Eroded	5	48	0.32	3	3	3
KeC	Keith Silt Loam, 5 to 9 Percent Slopes	5	48	0.32	3	2	2
KeC2	Keith Silt Loam, 5 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
KK	Keith-Kuma Silt Loams, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KR	Keith-Richfield Silt Loams, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KRA	Keith-Richfield Silt Loams, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KT	Keith and Tripp Fine Sandy Loams, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
KTB	Keith and Tripp Fine Sandy Loams, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
KTB2	Keith and Tripp Fine Sandy Loams, 3 to 5 Percent Slopes, Eroded	5	86	0.2	1	3	1
KTC2	Keith and Tripp Fine Sandy Loams, 5 to 9 Percent Slopes, Eroded	5	86	0.2	1	3	1
Lc	Las Animas Fine Sandy Loam	5	86	0.24	1	3	1
LS	Laurel Soils	5	86	0.32	1	3	1
Lt	Las Loam	5	48	0.32	3	3	3
Lw	Las Animas Loamy Sand	5	134	0.17	1	3	1
Na	Nunn Silt Loam	5	48	0.24	3	3	3
NS	Nunn-Slickspots Complex	5	48	0.24	3	3	3
RbA	Rosebud Loam, 0 to 3 Percent Slopes	4	48	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Deuel County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.6 R Factor = 75 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
RbB	Rosebud Loam, 3 to 5 Percent Slopes	4	48	0.28	3	3	3
RbB2	Rosebud Loam, 3 to 5 Percent Slopes, Eroded	4	48	0.28	3	3	3
RCC	Rosebud-Canyon Complex, 5 to 9 Percent Slopes	4	48	0.28	3	2	2
RCC2	Rosebud-Canyon Complex, 5 to 9 Percent Slopes, Eroded	4	48	0.28	3	2	2
RCD	Rosebud-Canyon Complex, 9 to 15 Percent Slopes	4	48	0.28	3	2	2
RdB	Rosebud Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
RdB2	Rosebud Fine Sandy Loam, 3 to 5 Percent Slopes, Eroded	5	86	0.2	1	3	1
RdC	Rosebud Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.2	1	3	1
RdC2	Rosebud Fine Sandy Loam, 5 to 9 Percent Slopes, Eroded	5	86	0.2	1	3	1
Sc	Scott Silty Clay Loam	3	38	0.37	3	3	3
Ss	Slickspots	3	86	0.43	1	3	1
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
TK	Tripp-Keith Silt Loams, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
TKA	Tripp-Keith Silt Loams, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
VaC	Valentine Fine Sand, Rolling	5	250	0.1	1	2	1
VaD	Valentine Fine Sand, Hilly	5	250	0.1	1	2	1
W	Water	0	0	0	2	2	2
Wm	Wann Loam	5	56	0.28	3	3	3
Wx	Wet Alluvial Land	2	134	0.17	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dixon County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Albaton Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
AcC	Alcester Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
AcD	Alcester Silt Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
AgG	Alcester Silt Loam, Gullied, 11 to 60 Percent Slopes	5	48	0.28	3	1	1
Ao	Aowa Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Ap	Aowa Soils, Channeled, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Ba	Baltic Silty Clay, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
BcC	Bazile Silty Clay Loam, 2 to 6 Percent Slopes	4	38	0.32	3	2	2
BeB	Blendon Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
Ca	Calco Silt Loam, Overwash, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cb	Calco Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cc	Calco Silty Clay Loam, Wet, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ce	Colo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
CfC2	Crofton Silt Loam, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CfD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CfF2	Crofton Silt Loam, 15 to 20 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfG	Crofton Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
Gb	Grable Very Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.32	3	3	3
He	Haynie Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
Ke	Kennebec Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
La	Lamo Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Mh	Maskell Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
MhC	Maskell Loam, 2 to 6 Percent Slopes	5	56	0.28	3	2	2
Mk	Modale Very Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
Mo	Moody Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
MoC2	Moody Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
MoD	Moody Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MsC	Moody-Leisy Complex, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
MsD	Moody-Leisy Complex, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NoE	Nora Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
NoE2	Nora Silt Loam, 11 to 15 Percent Slopes, Eroded	5	48	0.32	3	1	1
NoF	Nora Silt Loam, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
NrC	Nora Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
NrC2	Nora Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
NrD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NrD2	Nora Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
NsE	Nora-Alcester Silt Loams, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
NsF	Nora-Alcester Silt Loams, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
On	Onawa Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
OrC	Ortello Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Pe	Percival Silty Clay, 0 to 2 Percent Slopes	4	86	0.28	3	3	3
Sa	Sarpy Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dixon County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.2 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Sc	Sarpy Silty Clay, Overwash, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
SdB	Sarpy-Dune Land Complex, 0 to 4 Percent Slopes	5	220	0.15	1	3	1
SrB	Sarpy-Riverwash Complex, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
TaE	Thurman Sand, 3 to 20 Percent Slopes	5	250	0.15	1	2	1
ThC	Thurman Loamy Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
ThC2	Thurman Loamy Sand, 2 to 6 Percent Slopes, Eroded	5	134	0.17	3	3	3
ThD	Thurman Loamy Sand, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
ThD2	Thurman Loamy Sand, 6 to 11 Percent Slopes, Eroded	5	134	0.17	3	2	2
TnC	Thurman-Leisy Complex, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
TnD	Thurman-Leisy Complex, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Zo	Zook Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
zw	Water, Undifferentiated	0	0	0	2	2	2
Zw	Zook Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dodge County, Nebraska

1990 Frozen Factors
C Factor = 0.15
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Af	Alda Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
Ag	Alda Loam, 0 to 2 Percent Slopes	4	48	0.28	3	3	3
Be	Belfore Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bo	Boel Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ca	Calco Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cb	Calco Silty Clay Loam, Wet, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Cc	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Cd	Cass Fine Sandy Loam, Clayey Substratum, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Ce	Cass Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Cf	Cass Loam, Clayey Substratum, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Cg	Colo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
CrD2	Crofton Silt Loam, 6 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CrG	Crofton Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fp	Fillmore Silt Loam, Ponded, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Ga	Gibbon Loamy Sand, Overwash, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Gc	Gibbon Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Gd	Gibbon Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Gv	Gibbon Variant Soils, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Im	Inavale Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Jn	Janude Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Jo	Janude Loam, Clayey Substratum, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
JuC	Judson Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Kf	Kennebec and Colo Soils, Channeled, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
LeC	Leisy Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Lu	Luton Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Mn	Monona Silt Loam, Terrace, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
MnC	Monona Silt Loam, Terrace, 2 to 6 Percent Slopes	5	48	0.32	3	2	2
Mo	Moody Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
MoC2	Moody Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
MoD	Moody Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Mt	Moody Silty Clay Loam, Terrace, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
NoC2	Nora Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
NoD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NoD2	Nora Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
NoE2	Nora Silty Clay Loam, 11 to 15 Percent Slopes, Eroded	5	38	0.32	3	1	1
Pb	Pits and Dumps	0	0	0	2	2	2
Pc	Platte Loam, 0 to 2 Percent Slopes	3	86	0.28	3	3	3
PxB	Platte-Inavale Complex, Channeled, 0 to 3 Percent Slopes	3	56	0.28	3	3	3
Ra	Riverwash	0	0	0	2	2	2
Sa	Saltine-Gibbon Complex, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
StF2	Steinauer Clay Loam, 11 to 30 Percent Slopes, Eroded	5	86	0.32	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dodge County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.15 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
ThC	Thurman Loamy Fine Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
ThD	Thurman Loamy Fine Sand, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
TmD2	Thurman-Moody Complex, 6 to 11 Percent Slopes, Eroded	5	134	0.17	3	2	2
TmF2	Thurman-Moody Complex, 11 to 30 Percent Slopes, Eroded	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Wm	Wann Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Wn	Wann Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Zn	Zook Silt Loam, Overwash, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Zo	Zook Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
Zw	Zook Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Douglas County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Albaton Silt Loam, Overwash	5	86	0.28	3	3	3
Ac	Albaton Silty Clay	5	86	0.28	3	3	3
Af	Alda Fine Sandy Loam	4	86	0.2	3	3	3
Ag	Alda Very Fine Sandy Loam	4	86	0.28	3	3	3
Ca	Carr Fine Sandy Loam	5	86	0.24	3	3	3
Cc	Cass Fine Sandy Loam	5	86	0.2	3	3	3
Cd	Cass Fine Sandy Loam, Loamy Substratum	5	86	0.2	3	3	3
Ce	Cass Very Fine Sandy Loam	5	86	0.32	3	3	3
Cg	Colo Silty Clay Loam	5	38	0.28	3	3	3
Ck	Colo and Kennebec Soils	5	38	0.28	3	3	3
Cm	Cut and Fill Land	0	0	0	2	2	2
DcE	Dickinson Soils, 11 to 17 Percent Slopes	4	86	0.2	3	1	1
Ed	Eudora Silt Loam	5	56	0.32	3	3	3
Ga	Gibbon Loamy Sand, Overwash	5	134	0.17	3	3	3
Gb	Gibbon Silt Loam	5	86	0.32	3	3	3
Gc	Gibbon Silty Clay Loam	5	86	0.32	3	3	3
Gs	Gibbon-Slickspots Complex	5	86	0.32	3	3	3
Gu	Gullied Land	4	86	0.43	3	1	1
Ha	Haynie Silt Loam	5	86	0.37	3	3	3
IdD2	Ida Silt Loam, 7 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdE	Ida Silt Loam, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
IdE2	Ida Silt Loam, 17 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
Im	Inavale Loamy Fine Sand	5	134	0.17	3	3	3
In	Inavale Loamy Fine Sand, Hummocky	5	134	0.17	3	3	3
JuB	Judson Silt Loam, 3 to 7 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
Le	Lex Soils, Noncalcareous Variant	4	56	0.28	3	3	3
Ls	Luton Silt Loam, Overwash	5	48	0.28	3	3	3
Lt	Luton Silty Clay Loam	5	38	0.37	3	3	3
Lu	Luton Silty Clay	5	86	0.28	3	3	3
MaA	Marshall Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
MaB	Marshall Silty Clay Loam, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
MaC	Marshall Silty Clay Loam, 3 to 7 Percent Slopes	5	38	0.32	3	2	2
MaC2	Marshall Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
MaD	Marshall Silty Clay Loam, 7 to 11 Percent Slopes	5	38	0.32	3	2	2
MeD2	Marshall-Ponca Silty Clay Loams, 7 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MfE	Marshall and Ponca Soils, 11 to 17 Percent Slopes	5	38	0.32	3	1	1
MfE2	Marshall and Ponca Soils, 11 to 17 Percent Slopes, Eroded	5	38	0.32	3	1	1
MoA	Monona Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
MoB	Monona Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
MoC	Monona Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
MoC2	Monona Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
MoD	Monona Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
MoD2	Monona Silt Loam, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MoE	Monona Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
MsE2	Monona and Ida Silt Loams, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Douglas County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.1 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
MsF	Monona and Ida Silt Loams, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
MsF2	Monona and Ida Silt Loams, 17 to 30 Percent Slopes, Eroded	5	48	0.32	3	1	1
MsG	Monona and Ida Silt Loams, 30 to 60 Percent Slopes	5	48	0.32	3	1	1
On	Onawa Silty Clay	5	86	0.32	3	3	3
Pa	Percival Silty Clay	4	86	0.28	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
Pc	Platte Soils	3	86	0.28	3	3	3
PdD2	Ponca and Ida Silt Loams, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
PdE2	Ponca and Ida Silt Loams, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
Ra	Riverwash	0	0	0	2	2	2
Rk	Rock Land	0	0	0	2	2	2
Rn	Rough Broken Land, Loess	5	86	0.43	3	1	1
Sd	Sandy Alluvial Land	5	210	0.15	3	3	3
Sp	Sarpy Fine Sand	5	220	0.15	3	3	3
Ss	Silty Alluvial Land	5	48	0.32	3	3	3
StE2	Steinauer Clay Loam, 11 to 30 Percent Slopes, Eroded	5	86	0.32	3	1	1
W	Water	0	0	0	2	2	2
Wb	Wabash Silt Loam	5	48	0.28	3	3	3
Wc	Wabash Silty Clay	5	86	0.28	3	3	3
Wm	Wann Fine Sandy Loam	5	86	0.2	3	3	3
Wt	Wet Alluvial Land	5	86	0.28	3	3	3
zwa	Water < 40 Acres	0	0	0	2	2	2
zwb	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dundy County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Du	Dunday Loamy Fine Sand, Loam Substratum	5	134	0.17	1	3	1
2Ke	Keith Silt Loam, Thick, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
2KeA	Keith Silt Loam, Thick, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
2Kf	Keith Fine Sandy Loam, Thick, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
2KfA	Keith Fine Sandy Loam, Thick, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
2Ls	Las Fine Sandy Loam, Saline-Alkali	5	86	0.24	1	3	1
2Lt	Las Loam, Saline-Alkali	5	48	0.32	3	3	3
2UC2	Ulysses Loam, Clay Substratum Variant, 3 to 7 Percent Slopes, Eroded	4	48	0.28	3	2	2
2UC3	Ulysses Clay Loam, Clay Substratum Variant, 5 to 9 Percent Slopes, Sev	4	48	0.28	3	2	2
3VfA	Vebar Fine Sandy Loam, Moderately Deep, 0 to 3 Percent Slopes	4	86	0.2	1	3	1
4Ke	Keith Silt Loam, Caliche Substratum, 0 to 1 Percent Slopes	4	48	0.28	3	3	3
4Kf	Keith Fine Sandy Loam, Caliche Substratum, 0 to 1 Percent Slopes	4	86	0.2	1	3	1
4KfW	Keith Fine Sandy Loam, Caliche Substratum, 1 to 3 Percent Slopes	4	86	0.2	1	3	1
An	Anselmo Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
AnA	Anselmo Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
AnB	Anselmo Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
AnC	Anselmo Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.28	1	2	1
AnC2	Anselmo Fine Sandy Loam, 5 to 9 Percent Slopes, Eroded	5	86	0.2	1	3	1
AnD	Anselmo Fine Sandy Loam, 9 to 30 Percent Slopes	5	86	0.2	1	2	1
AoAW	Anselmo Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
AoBW	Anselmo Loamy Fine Sand, 3 to 5 Percent Slopes	5	134	0.17	1	3	1
B	Blown Out Land	5	220	0.15	1	2	1
Bb	Banks Fine Sand	5	220	0.15	1	3	1
Bc	Banks Loamy Fine Sand	5	134	0.17	1	3	1
BCa	Rough Broken Land, Caliche	5	86	0.43	1	1	1
Bf	Bayard Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
BfA	Bayard Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
BfA2	Bayard Loamy Fine Sand, Wind-Hummocky	5	134	0.17	1	3	1
Bh	Bridgeport Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
BhA	Bridgeport Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
BhB	Bridgeport Loam, 3 to 5 Percent Slopes	5	56	0.32	3	3	3
BL	Rough Broken Land, Loess	5	86	0.43	1	1	1
CdCW	Colby Loam, 3 to 9 Percent Slopes	5	86	0.43	1	2	1
CdDW	Colby Loam, 9 to 30 Percent Slopes	5	86	0.43	1	1	1
CgB	Canyon Fine Sandy Loam, 3 to 5 Percent Slopes	2	86	0.24	1	2	1
Du	Dunday Loamy Fine Sand	5	134	0.17	1	3	1
Es	Elsmere Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
EsC	Elsmere Fine Sandy Loam, 1 to 5 Percent Slopes	5	86	0.2	1	3	1
Ga	Gannett Fine Sandy Loam	5	0	0.2	3	3	3
Gd	Glendive Fine Sandy Loam	5	86	0.24	1	3	1
Gf	Goshen Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
Gh	Goshen Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Hf	Havre Fine Sandy Loam	5	86	0.2	1	3	1
Hh	Havre Loam	5	86	0.32	1	3	1
KeAW	Keith Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KeB2	Keith Silt Loam, 3 to 5 Percent Slopes, Eroded	5	48	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Dundy County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
KfAW	Keith Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
KfB2	Keith Fine Sandy Loam, 3 to 5 Percent Slopes, Eroded	5	86	0.2	1	3	1
Ln	Las Animas Loamy Fine Sand	5	134	0.17	1	3	1
LS	Laurel Soils	5	56	0.32	3	3	3
Ov	Ovina Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
Pt	Platte Loam	3	56	0.28	1	3	1
Ra	Rauville Loam	5	0	0.32	3	3	3
Sc	Scott Silt Loam	3	48	0.37	1	3	1
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
Sy	Broken Alluvial Land	5	86	0.37	1	3	1
UsC	Ulysses Silt Loam, 5 to 9 Percent Slopes	5	48	0.32	3	2	2
UsC2	Ulysses Silt Loam, 5 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
VaC	Valentine Fine Sand, Rolling	5	250	0.1	1	3	1
VaD	Valentine Fine Sand, Hilly	5	250	0.1	1	2	1
Vb	Valentine Loamy Fine Sand	5	250	0.1	1	3	1
W	Water	0	0	0	2	2	2
zw	Water< Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Fillmore County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
By	Butler Silty Clay Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Ce	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CeB	Crete Silt Loam, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
CeC	Crete Silt Loam, 3 to 6 Percent Slopes	4	48	0.37	3	2	2
Cr	Crete Silty Clay Loam, 0 to 1 Percent Slopes	4	38	0.37	3	3	3
CrB	Crete Silty Clay Loam, 1 to 3 Percent Slopes	4	38	0.37	3	3	3
CrC2	Crete Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	4	38	0.37	3	2	2
Ct	Crete Silt Loam, Thick Solum, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fo	Fillmore Silt Loam, Drained, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
GeC2	Geary Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeE2	Geary Silty Clay Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
GhF	Geary-Hobbs Silt Loams, 0 to 30 Percent Slopes	5	48	0.32	3	2	2
Hc	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HcB	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HcC	Hastings Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HcD	Hastings Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
HdC2	Hastings Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HdC3	Hastings Silty Clay Loam, 3 to 6 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
HdD2	Hastings Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
He	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hf	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
HhD2	Holder Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Ke	Kezan Silt Loam, Channeled	5	48	0.32	3	3	3
Ma	Massie Silty Clay Loam, 0 to 1 Percent Slopes	3	0	0.37	3	3	3
Mu	Muir Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
MuB	Muir Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
MuC	Muir Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Ob	Olbut-Butler Silt Loams, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Pt	Pits, Gravel	0	0	0	2	2	2
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
Sd	Scott Silty Clay Loam, Drained, 0 to 1 Percent Slopes	3	38	0.37	3	3	3
UyE2	Uly Silt Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
UyF	Uly-Hobbs Silt Loams, 0 to 30 Percent Slopes	5	48	0.32	3	2	2
W	Water	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Franklin County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Br	Broken Alluvial Land	5	48	0.32	3	3	3
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CaF	Campus Complex, 9 to 30 Percent Slopes	4	86	0.28	1	1	1
CnF	Canyon-Campus Loams, 9 to 30 Percent Slopes	2	86	0.32	1	1	1
CoD2	Coly-Uly Silt Loams, 3 to 9 Percent Slopes, Eroded	5	86	0.43	3	2	2
CoF	Coly-Uly Silt Loams, 9 to 30 Percent Slopes	5	86	0.43	3	1	1
De	Detroit Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Gb	Gibbon Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
GcF	Gravelly Land Complex, 3 to 30 Percent Slopes	5	0	0.1	3	2	2
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hb	Hall Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hc	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HdC	Hersh-Valentine Complex, 1 to 6 Percent Slopes	5	86	0.24	3	3	3
HdD	Hersh-Valentine Complex, 6 to 11 Percent Slopes	5	86	0.24	3	2	2
Hf	Hobbs Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hh	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HhB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HhC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HhD	Holdrege Silt Loam, 6 to 9 Percent Slopes	5	48	0.32	3	2	2
HnD2	Holdrege and Uly Soils, 3 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
Hr	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Ig	Inavale Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
In	Inavale Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
Kn	Kenesaw Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KnB	Kenesaw Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KnC	Kenesaw Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
KsF	Kipson Complex, 9 to 30 Percent Slopes	2	86	0.32	1	1	1
Ma	Marsh	0	0	0	2	2	2
Mb	McCook Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Mc	McCook Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Mn	Munjor Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Mu	Munjor Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	3	3	3
NhF	Nuckolls-Hobbs Complex, 9 to 30 Percent Slopes	5	48	0.32	3	1	1
NmC	Nuckolls and Holdrege Silt Loams, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
NmD	Nuckolls and Holdrege Silt Loams, 6 to 9 Percent Slopes	5	48	0.32	3	2	2
NoD2	Nuckolls and Holdrege Soils, 3 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
NpD	Nuckolls and Meadin Soils, 9 to 30 Percent Slopes	5	48	0.32	3	1	1
Ra	Riverwash	0	0	0	2	2	2
RbG	Rough Broken Land, Loess, 20 to 60 Percent Slopes	5	86	0.43	3	1	1
RcF	Rough Stony Land, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
Rx	Roxbury Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Sa	Sandy Alluvial Land	5	210	0.15	1	3	1
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
UaC	Uly Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Franklin County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
UaD	Uly Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
VaF	Valentine Loamy Sand, Hilly	5	134	0.17	1	1	1
VhD	Valentine-Hersh Complex, 11 to 30 Percent Slopes	5	134	0.17	1	2	1
W	Water	0	0	0	2	2	2
Wa	Wann Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Wb	Wann Silt Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
zp	Gravel Pits	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Frontier County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ba	Broken Alluvial Land	5	48	0.32	3	3	3
CoD2	Coly Silt Loam, 5 to 9 Percent Slopes, Eroded	5	86	0.43	3	2	2
CoF2	Coly Silt Loam, 9 to 20 Percent Slopes, Eroded	5	86	0.43	3	1	1
CuF	Coly and Uly Silt Loams, 9 to 30 Percent Slopes	5	86	0.43	3	1	1
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaB	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HaC	Hall Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoB2	Holdrege Silt Loam, 1 to 3 Percent Slopes, Eroded	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
HoC2	Holdrege Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
HpC	Hord Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
Hr	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
JmB	Jayem Loamy Very Fine Sand, 1 to 3 Percent Slopes	5	134	0.17	1	3	1
Mc	McCook Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
McB	McCook Silt Loam, 1 to 3 Percent Slopes	5	86	0.32	3	3	3
Md	McCook Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Me	McCook Silt Loam, Wet, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
RaG	Rough Broken Land, Caliche, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
RbG	Rough Broken Land, Loess, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
RcG	Rough Broken Land, Sandy, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
SaD	Sarben Loamy Very Fine Sand, 3 to 9 Percent Slopes	5	134	0.24	1	2	1
UaC2	Uly Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
UaD	Uly Silt Loam, 6 to 9 Percent Slopes	5	48	0.32	3	2	2
UcD2	Uly and Coly Silt Loams, 6 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
UcF	Uly and Coly Silt Loams, 9 to 20 Percent Slopes	5	48	0.32	3	2	2
VeB	Vetal Loamy Very Fine Sand, 0 to 3 Percent Slopes	5	134	0.2	1	3	1
W	Water	0	0	0	2	2	2
Wx	Wet Alluvial Land	5	0	0.28	3	3	3
zb	Borrow Pit	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Furnas County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
An	Anselmo Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	1	3	1
Bn	Barney Soils, 0 to 2 Percent Slopes	2	86	0.28	1	3	1
CbE2	Coly Silt Loam, 9 to 15 Percent Slopes, Eroded	5	86	0.43	1	1	1
CbG	Coly Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	1	1	1
CcF	Campus-Canyon Loams, 9 to 30 Percent Slopes	4	86	0.28	1	1	1
CkE2	Coly-Nuckolls Silt Loams, 9 to 15 Percent Slopes, Eroded	5	86	0.43	1	1	1
CkF	Coly-Nuckolls Silt Loams, 9 to 30 Percent Slopes	5	86	0.43	1	1	1
CmC2	Coly-Uly Silt Loams, 3 to 9 Percent Slopes, Eroded	5	86	0.43	1	2	1
CmF	Coly-Uly Silt Loams, 9 to 30 Percent Slopes	5	86	0.43	1	1	1
Co	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CoB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
CoC	Cozad Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Fm	Fillmore Silty Clay Loam, 0 to 1 Percent Slopes	4	38	0.37	3	3	3
Gg	Gibbon Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Gs	Gibbon Silt Loam, Saline, 0 to 2 Percent Slopes	5	86	0.28	1	3	1
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hc	Hobbs Silt Loam, Channeled, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hm	Hobbs-McCook Silt Loams, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HoC2	Holdrege Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
HpB2	Holdrege-Coly Silt Loams, 1 to 3 Percent Slopes, Eroded	5	48	0.32	3	3	3
HpC2	Holdrege-Coly Silt Loams, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
Hr	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HrC	Hord Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
In	Inavale Soils, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Mc	McCook Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Mu	Munjor Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	1	3	1
UsB	Uly Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
UsC	Uly Silt Loam, 3 to 9 Percent Slopes	5	48	0.32	3	2	2
W	Water	0	0	0	2	2	2
Wb	Wann Variant Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	1	3	1
zp	Gravel Pits	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Gage County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.15 R Factor = 175 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
AdB2	Adair Clay Loam, 3 to 5 Percent Slopes, Eroded	4	48	0.37	3	2	2
AdC2	Adair Clay Loam, 5 to 8 Percent Slopes, Eroded	4	48	0.37	3	1	1
AdD2	Adair Clay Loam, 8 to 12 Percent Slopes, Eroded	4	48	0.37	3	1	1
APC3	Adair and Pawnee Soils, 5 to 8 Percent Slopes, Severely Eroded	3	86	0.37	3	1	1
APD3	Adair and Pawnee Soils, 8 to 12 Percent Slopes, Severely Eroded	3	86	0.37	3	1	1
BLg	Rough Broken Land	5	86	0.43	3	1	1
Bt	Butler Silty Clay Loam	4	48	0.37	3	3	3
Cm	Cass Loam	5	56	0.28	3	3	3
CrA	Crete Silty Clay Loam, 0 to 3 Percent Slopes	4	38	0.37	3	3	3
CrB	Crete Silty Clay Loam, 3 to 5 Percent Slopes	4	38	0.37	3	2	2
CrB2	Crete Silty Clay Loam, 3 to 5 Percent Slopes, Eroded	4	38	0.37	3	2	2
Ct	Colo Silty Clay Loam	5	38	0.28	3	3	3
E	Exline Soils	3	48	0.37	3	3	3
Fm	Fillmore Silt Loam	4	48	0.37	3	3	3
GeB2	Geary Silty Clay Loam, 3 to 5 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC2	Geary Silty Clay Loam, 5 to 8 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeD3	Geary Soils, 5 to 12 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
Hb	Hobbs Silt Loam, Seldom Flooded	5	48	0.32	3	3	3
Hv	Hedville Stony Loam	2	0	0.24	3	1	1
JfB	Judson Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	3	3	3
JuA	Judson Silt Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
JuB	Judson Silt Loam, 3 to 5 Percent Slopes	5	48	0.28	3	2	2
LcC	Lancaster Loam, 3 to 8 Percent Slopes	4	48	0.28	3	2	2
LcD	Lancaster Loam, 8 to 12 Percent Slopes	4	48	0.28	3	1	1
Lg	Lanham Clay Loam	3	38	0.37	3	1	1
LwD	Labette Silty Clay Loam, 5 to 12 Percent Slopes	3	38	0.37	3	1	1
MC3	Morrill Soils, 5 to 8 Percent Slopes, Severely Eroded	5	48	0.28	3	2	2
ME3	Morrill Soils, 8 to 18 Percent Slopes, Severely Eroded	5	48	0.28	3	1	1
MrB2	Morrill Loam, 3 to 5 Percent Slopes, Eroded	5	48	0.28	3	2	2
MrC2	Morrill Loam, 5 to 8 Percent Slopes, Eroded	5	48	0.28	3	2	2
MrD2	Morrill Loam, 8 to 12 Percent Slopes, Eroded	5	48	0.28	3	1	1
MrE2	Morrill Loam, 12 to 18 Percent Slopes, Eroded	5	48	0.28	3	1	1
Mu	Muir Silt Loam	5	48	0.32	3	3	3
MxC	Morrill Complex, 5 to 8 Percent Slopes	4	48	0.32	3	2	2
MxC3	Morrill Complex, 5 to 8 Percent Slopes, Severely Eroded	4	48	0.32	3	2	2
MxD	Morrill Complex, 8 to 12 Percent Slopes	4	48	0.32	3	1	1
MxD3	Morrill Complex, 8 to 18 Percent Slopes, Severely Eroded	4	48	0.32	3	1	1
MxE	Morrill Complex, 12 to 18 Percent Slopes	4	48	0.32	3	1	1
PwB2	Pawnee Clay Loam, 3 to 5 Percent Slopes, Eroded	4	48	0.37	3	2	2
PwC2	Pawnee Clay Loam, 5 to 8 Percent Slopes, Eroded	4	48	0.37	3	1	1
PwD2	Pawnee Clay Loam, 8 to 12 Percent Slopes, Eroded	4	48	0.37	3	1	1
Rt	Rokeby Silty Clay Loam	4	38	0.37	3	3	3
Rv	Rough Stony Land	5	86	0.43	3	1	1
SBB2	Shelby and Burchard Clay Loams, 3 to 5 Percent Slopes, Eroded	5	48	0.28	3	2	2
SBC2	Shelby and Burchard Clay Loams, 5 to 8 Percent Slopes, Eroded	5	48	0.28	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Gage County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.15 R Factor = 175 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
SBD2	Shelby and Burchard Clay Loams, 8 to 12 Percent Slopes, Eroded	5	48	0.28	3	1	1
SBD3	Shelby and Burchard Soils, 8 to 12 Percent Slopes, Severely Eroded	5	48	0.28	3	1	1
SBE2	Shelby and Burchard Clay Loams, 12 to 18 Percent Slopes, Eroded	5	48	0.28	3	1	1
Sn	Sogn Complex	1	86	0.32	1	1	1
StE	Steinauer Clay Loam, 12 to 25 Percent Slopes	5	86	0.32	3	1	1
StE3	Steinauer Soils, 12 to 18 Percent Slopes, Severely Eroded	5	86	0.32	3	1	1
Sy	Alluvial Land	5	48	0.32	3	3	3
W	Water	0	0	0	2	2	2
Wa	Wabash Silty Clay	5	86	0.28	3	3	3
WtA	Wymore Silty Clay Loam, 0 to 3 Percent Slopes	4	38	0.37	3	3	3
WtB	Wymore Silty Clay Loam, 3 to 5 Percent Slopes	4	38	0.37	3	2	2
WtB2	Wymore Silty Clay Loam, 3 to 5 Percent Slopes, Eroded	4	38	0.37	3	2	2
WtC2	Wymore Silty Clay Loam, 5 to 8 Percent Slopes, Eroded	4	38	0.37	3	1	1
WtC3	Wymore Soils, 5 to 8 Percent Slopes, Severely Eroded	4	86	0.37	3	1	1
WtD3	Wymore Soils, 8 to 12 Percent Slopes, Severely Eroded	4	86	0.37	3	1	1
zq	Quarry	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Garden County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 75

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ao	Alliance Loam, 0 to 1 Percent Slopes	4	56	0.28	3	3	3
AoB	Alliance Loam, 1 to 3 Percent Slopes	4	56	0.28	3	3	3
Ar	Almeria Fine Sandy Loam, Channeled, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
AsF	Ashollow-Tassel Complex, 9 to 30 Percent Slopes	5	86	0.37	1	2	1
Bh	Bayard Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
BhB	Bayard Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
BhC	Bayard Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
BmB	Bayard Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
Bn	Bayard Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
BpB	Blanche Loamy Fine Sand, 0 to 3 Percent Slopes	3	134	0.17	1	3	1
BrF	Blueridge Coarse Sand, 6 to 30 Percent Slopes	5	160	0.1	1	2	1
Bw	Broadwater Loamy Sand, Channeled, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
BxD	Busher-Tassel Complex, 3 to 9 Percent Slopes	4	86	0.2	1	3	1
BxE	Busher-Tassel Complex, 9 to 20 Percent Slopes	4	86	0.2	1	2	1
Cw	Crowther Loam, 0 to 1 Percent Slopes	4	0	0.24	3	3	3
Cx	Crowther Loam, Wet, 0 to 1 Percent Slopes	4	0	0.24	3	3	3
DbB	Dailey Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DdC	Dankworth Loamy Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
Dw	Duroc Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Eh	Els Fine Sand, Calcareous, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
EuG	Epping-Rock Outcrop Complex, 30 to 60 Percent Slopes	2	86	0.43	1	1	1
Fu	Fluvaquents, Sandy, 0 to 1 Percent Slopes	5	0	0.17	3	3	3
Gt	Gothenburg Loamy Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Hh	Hoffland Fine Sandy Loam, 0 to 1 Percent Slopes	3	0	0.2	3	3	3
Ho	Hoffland Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	3	0	0.2	3	3	3
IsB	Ipage Fine Sand, Calcareous, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Ja	Jankosh Loam, 0 to 2 Percent Slopes	4	86	0.32	1	3	1
JeB	Jayem Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
JeC	Jayem Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
Jg	Jayem Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	1	3	1
JgC	Jayem Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	1	3	1
KeB	Keith Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
KeC	Keith Loam, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
Ku	Kuma Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
La	Lemoyne Sand, 0 to 2 Percent Slopes	4	220	0.15	1	3	1
Lb	Lewellen Loam, 0 to 2 Percent Slopes	3	86	0.24	1	3	1
Lc	Lewellen-Mcculigan Complex, 0 to 2 Percent Slopes	3	86	0.24	1	3	1
Lf	Lodgepole Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Ma	Marlake Fine Sandy Loam, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
Mc	Marlake Mucky Peat, 0 to 1 Percent Slopes	3	0	0	3	3	3
MtC	Mitchell Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.43	1	3	1
MtD	Mitchell Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.43	1	2	1
MxF	Mitchell-Epping Complex, 9 to 30 Percent Slopes	5	86	0.43	1	2	1
Pg	Pits, Sand and Gravel	0	0	0	2	2	2
Ru	Rushcreek Loam, 0 to 2 Percent Slopes	4	86	0.28	1	3	1
SaB	Sarben Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Garden County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 75

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
SaC	Sarben Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
SaD	Sarben Loamy Fine Sand, 6 to 9 Percent Slopes	5	134	0.17	1	3	1
SaE	Sarben Loamy Fine Sand, 9 to 20 Percent Slopes	5	134	0.17	1	2	1
Sc	Scoville Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
SnC	Sidney Loam, 3 to 6 Percent Slopes	4	56	0.28	3	3	3
StD	Sidney-Canyon Complex, 6 to 9 Percent Slopes	4	86	0.28	1	2	1
SuG	Sulco Loam, 30 to 60 Percent Slopes	5	86	0.37	1	1	1
SxC2	Sulco-Mcconaughy Complex, 3 to 6 Percent Slopes, Eroded	5	86	0.37	1	3	1
SxD2	Sulco-Mcconaughy Complex, 6 to 9 Percent Slopes, Eroded	5	86	0.37	1	2	1
SxE2	Sulco-Mcconaughy Complex, 9 to 20 Percent Slopes, Eroded	5	86	0.37	1	2	1
SxF	Sulco-Mcconaughy Complex, 9 to 30 Percent Slopes	5	86	0.37	1	2	1
TkG	Tassel-Ashollow-Rock Outcrop Complex, 20 to 60 Percent Slopes	2	86	0.24	1	1	1
VaD	Valent Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valent Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valent Complex, Rolling and Hilly	5	250	0.15	1	2	1
VdB	Valent Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Vt	Vetal Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	1	3	1
W	Water	0	0	0	2	2	2
WeB	Wildhorse Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
WhB	Wildhorse-Hoffland Complex, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
WkB	Wildhorse-Ipage, Calcareous Complex, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
zra	Crescent Lake National Wildlife Refuge	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Garfield County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
BaA	Barney Loam, Channeled	2	86	0.28	1	3	1
Bg	Blown Out Land-Valentine Complex, 6 to 60 Percent Slopes	3	250	0.15	1	2	1
CrG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
Cz	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CzB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Eb	Els Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
EfB	Els-Ipage Complex, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Em	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Eu	Elsmere-Selia Loamy Fine Sands, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Fu	Fluvaquents, Sandy	5	0	0.17	3	3	3
GfB	Gates Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.37	3	3	3
GfC2	Gates Very Fine Sandy Loam, 3 to 6 Percent Slopes, Eroded	5	86	0.37	3	3	3
GfD2	Gates Very Fine Sandy Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.37	3	2	2
GfF	Gates Very Fine Sandy Loam, 11 to 30 Percent Slopes	5	86	0.37	3	1	1
Gk	Gibbon Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
HeB	Hersh Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HeC	Hersh Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.24	3	3	3
HeD	Hersh Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.24	3	2	2
HfB	Hersh-Gates Complex, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HgF	Hersh-Valentine Complex, 11 to 30 Percent Slopes	5	86	0.24	3	2	2
Hk	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hs	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HsB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Ht	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HtB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
IfB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IgB	Ipage Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
La	Lamo Silt Loam, Wet, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Lp	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Lr	Loup Fine Sandy Loam, Wet, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Ma	Marlake Loamy Fine Sand, 0 to 2 Percent Slopes	2	0	0.17	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
Ru	Rusco Variant Silty Clay Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
SmF	Simeon Loamy Sand, 3 to 30 Percent Slopes	5	134	0.17	1	2	1
To	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Tp	Tryon Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
TtB	Tryon-Ipage Complex, 0 to 3 Percent Slopes	5	0	0.17	3	3	3
UbE	Uly Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
UcD2	Uly-Coly Silt Loams, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
UcE2	Uly-Coly Silt Loams, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
UcF	Uly-Coly Silt Loams, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VeD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VeE	Valentine Loamy Fine Sand, Rolling	5	134	0.17	1	2	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Garfield County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
VmD	Valentine-Els Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VpF	Valentine-Ipage Fine Sands, 1 to 30 Percent Slopes	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
Wn	Wann Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Gosper County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
AnB	Anselmo Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	3	3	3
AnD	Anselmo Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.2	3	2	2
CoD2	Coly Silty Loam, 6 to 9 Percent Slopes, Eroded	5	86	0.43	3	2	2
CoE2	Coly Silt Loam, 9 to 20 Percent Slopes, Eroded	5	86	0.43	3	1	1
CpG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
Cs	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CsB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
CsC	Cozad Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fo	Fillmore Silt Loam, Drained, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Go	Gosper Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Gt	Gothenburg Fine Sandy Loam, 0 to 2 Percent Slopes	2	86	0.24	1	3	1
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaB	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hd	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HeB	Hobbs Silt Loam, Channeled, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HpB	Holdrege-Uly Silt Loams, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HpC2	Holdrege-Uly Silt Loams, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
Hr	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hw	Hord Silt Loam, Wet Substratum, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Le	Lex Loam, 0 to 2 Percent Slopes	4	86	0.28	1	3	1
Lf	Lex Loam, Saline-Alkali, 0 to 2 Percent Slopes	4	86	0.28	1	3	1
Pt	Platte Loam, 0 to 2 Percent Slopes	3	86	0.28	1	3	1
Sc	Scott Silty Clay Loam, 0 to 1 Percent Slopes	3	38	0.37	3	3	3
UbD	Uly Silt Loam, 6 to 9 Percent Slopes	5	48	0.32	3	2	2
UbE	Uly Silt Loam, 9 to 15 Percent Slopes	5	48	0.32	3	1	1
UcF	Uly-Coly Silt Loams, 9 to 30 Percent Slopes	5	48	0.32	3	1	1
UtG	Ustorthents, 17 to 60 Percent Slopes	5	86	0.43	3	1	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Grant County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.4 R Factor = 75 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
DdB	Doger and Dunday Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DdD	Doger and Dunday Loamy Fine Sands, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
EcB	Els Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
EdB	Els Loamy Fine Sand, Alkali, 0 to 3 Percent Slopes	3	134	0.15	1	3	1
EfB	Elsmere Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Ga	Gannett-Loup Fine Sandy Loams, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Gb	Gannett-Loup Fine Sandy Loams, Drained, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Ld	Loup-Gannett Loamy Fine Sands, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Lf	Loup-Gannett Loamy Fine Sands, Drained, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ma	Marsh	3	0	0.2	3	3	3
Sa	Saline-Alkali Land	3	134	0.15	1	3	1
Tk	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Tn	Tryon Loamy Fine Sand, Drained, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
VaB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VaG	Valentine Fine Sand, Hilly	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Greeley County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ae	Almeria Loamy Fine Sand, Channeled	5	0	0.17	3	3	3
AnB	Anselmo Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	3	3	3
Ba	Barney Loam, Channeled	2	86	0.28	1	3	1
Be	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bf	Blendon Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Br	Boel Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ca	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
CrG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
CuE2	Coly-Uly Silt Loams, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
Cy	Cozad Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CyB	Cozad Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
DuC	Dunday Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
Fu	Fluvaquents, Sandy	5	0	0.17	3	3	3
GfC2	Gates Silt Loam, 3 to 6 Percent Slopes, Eroded	5	86	0.37	3	2	2
GfD2	Gates Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.37	3	2	2
GfE2	Gates Silt Loam, 11 to 17 Percent Slopes, Eroded	5	86	0.37	3	1	1
GhB	Gates-Hersh Complex, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaB	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HeB	Hersh Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HeC	Hersh Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.24	3	3	3
HeD	Hersh Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.24	3	2	2
HeE	Hersh Fine Sandy Loam, 11 to 17 Percent Slopes	5	86	0.24	3	1	1
HgF	Hersh-Gates Complex, 15 to 30 Percent Slopes	5	86	0.24	3	1	1
Hk	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hm	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HpC2	Holdrege Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HtC	Hord Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Hy	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HyB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
IpB	Ipage Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
ItB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Ka	Kenesaw Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
KaB	Kenesaw Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	3	3	3
Le	Leshara Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Lo	Loup Loam, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
Sc	Scott Silty Clay Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
SmB	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
UbD	Uly Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
UbE	Uly Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
UcD2	Uly-Coly Silt Loams, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
UcF	Uly-Coly Silt Loams, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
VaB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Greeley County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	1	1
VeB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
VeD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	3	3	3
W	Water	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Hall County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
2HdA	Hord Silt Loam, Thin Solum Variant, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
2HdB	Hord Silt Loam, Thin Solum Variant, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
2La	Lamoure Silt Loam, Saline	5	48	0.32	3	3	3
2Le	Leshara Silt Loam, Saline	5	86	0.28	3	3	3
2Or	Ortello Fine Sandy Loam, Loamy Substratum, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
2OrB	Ortello Fine Sandy Loam, Loamy Substratum, 3 to 7 Percent Slopes	5	86	0.2	3	3	3
2PS	Platte-Sarpy Complex, Channeled	3	56	0.28	3	3	3
2PW	Platte-Wann Complex, Channeled	3	56	0.28	3	3	3
2ThA	Thurman Loamy Fine Sand, Loamy Substratum, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
2ThB	Thurman Loamy Fine Sand, Loamy Substratum, 3 to 7 Percent Slopes	5	134	0.17	1	3	1
2Wm	Wann Loam, Deep, Saline	5	86	0.2	3	3	3
3Cm	Cass Loam, Deep	5	56	0.28	3	3	3
3Cs	Cass Fine Sandy Loam, Deep	5	86	0.2	3	3	3
3Wb	Wann Fine Sandy Loam, Deep	5	86	0.2	3	3	3
3Wm	Wann Loam, Deep	5	56	0.28	3	3	3
Ba	Barney Loam	2	86	0.28	1	3	1
Bl	Broken Land	5	56	0.43	3	2	2
Bu	Butler Silt Loam	4	48	0.37	3	3	3
CbC	Colby Silt Loam, 7 to 11 Percent Slopes	5	86	0.43	3	1	1
CbD	Colby Silt Loam, 11 to 30 Percent Slopes	5	86	0.43	3	1	1
Cm	Cass Loam	4	56	0.32	3	3	3
Cs	Cass Fine Sandy Loam	4	86	0.2	3	3	3
Ea	Elsmere Loamy Fine Sand	5	134	0.17	1	3	1
Es	Elsmere Fine Sandy Loam	5	86	0.2	3	3	3
EW	Exline-Wood River Silt Loams	3	48	0.32	3	3	3
EWs	Exline-Wood River Fine Sandy Loams	3	86	0.2	1	3	1
Fm	Fillmore Silt Loam	4	48	0.37	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaA	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HaB2	Hall Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
Hb	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HbA	Hobbs Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HC3	Holdrege-Colby Complex, Severely Eroded	5	48	0.32	3	2	2
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HdA	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HdB2	Hord Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
HN	Hord-O'Neill Complex, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
HO	Hall-O'Neill Complex, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoA	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HoB2	Holdrege Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
HoC	Holdrege Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
HoC2	Holdrege Silt Loam, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hs3	Hastings Complex, Severely Eroded	5	38	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Hall County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
HsA	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HsB2	Hastings Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
Ks	Kenesaw Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KsA	Kenesaw Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KsB	Kenesaw Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
La	Lamoure Silt Loam	5	48	0.32	3	3	3
Le	Leshara Silt Loam	5	48	0.32	3	3	3
Lf	Leshara Fine Sandy Loam	5	86	0.2	3	3	3
Lm	Loup Loam	5	0	0.28	3	3	3
MdB	Meadin Loamy Sand, 3 to 11 Percent Slopes	3	134	0.17	1	2	1
Ms	Meadin Sandy Loam, 0 to 1 Percent Slopes	3	86	0.2	1	3	1
Oa	Ovina Loamy Fine Sand	5	134	0.17	1	3	1
Ok	O'Neill Loam, 0 to 1 Percent Slopes	4	56	0.28	3	3	3
OkB2	O'Neill Loam, 3 to 5 Percent Slopes, Eroded	4	56	0.28	3	2	2
Om	O'Neill Sandy Loam, 0 to 1 Percent Slopes	4	86	0.2	3	3	3
OmB2	O'Neill Sandy Loam, 3 to 7 Percent Slopes, Eroded	4	86	0.2	3	2	2
OrA	Ortello Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
OrB	Ortello Fine Sandy Loam, 3 to 7 Percent Slopes	5	86	0.2	3	3	3
Ot	Ortello Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Ov	Ovina Fine Sandy Loam	5	86	0.2	3	3	3
PS	Platte-Sarpy Complex	3	86	0.28	1	3	1
Pt	Platte Loam	3	86	0.28	1	3	1
PW	Platte-Wann Complex	3	86	0.28	1	3	1
Rw	Riverwash	2	86	0.15	1	3	1
Sa	Sarpy Fine Sand	5	220	0.15	1	3	1
Sc	Scott Silt Loam	3	48	0.37	3	3	3
SgA	Sarpy Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SgB	Sarpy Loamy Fine Sand, 3 to 7 Percent Slopes	5	134	0.17	1	3	1
Si	Silver Creek Silt Loam	3	48	0.32	3	3	3
Sy	Alluvial Land	5	48	0.32	3	3	3
Th3	Thurman Loamy Fine Sand, Wind Eroded	5	134	0.17	1	3	1
ThA	Thurman Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ThB	Thurman Loamy Fine Sand, 3 to 7 Percent Slopes	5	134	0.17	1	3	1
TsA	Thurman Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
TsB	Thurman Fine Sandy Loam, 3 to 7 Percent Slopes	5	86	0.2	3	3	3
Va	Valentine Fine Sand	5	250	0.15	1	2	1
Vo	Volin Silt Loam	5	48	0.32	3	3	3
W	Water	0	0	0	2	2	2
Wb	Wann Fine Sandy Loam	4	86	0.2	3	3	3
WE	Wood River-Exline Silt Loams	3	48	0.37	3	3	3
WEs	Wood River-Exline Fine Sandy Loams	4	86	0.28	3	3	3
Wm	Wann Loam	4	48	0.28	3	3	3
Wr	Wood River Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
WrA	Wood River Silt Loam, 1 to 3 Percent Slopes	3	48	0.37	3	3	3
WrB2	Wood River Silt Loam, 3 to 7 Percent Slopes, Eroded	3	48	0.37	3	2	2
zwa	Water > 40 Acres (Streams and Stream Channels)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Hamilton County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ag	Alda Loam, 0 to 2 Percent Slopes	4	48	0.28	3	3	3
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CoD2	Coly Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CoF	Coly Silt Loam, 11 to 30 Percent Slopes	5	86	0.43	3	1	1
CoG	Coly Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
Cw	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CwB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Cx	Cozad Silt Loam, Wet Substratum, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Cy	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
De	Detroit Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Dt	Detroit Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
DtB	Detroit Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.37	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fo	Fillmore Silt Loam, Drained, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fv	Fonner Variant Loamy Sand, 0 to 2 Percent Slopes	2	134	0.17	1	3	1
GeF	Geary Silt Loam, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
GhD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GhE2	Geary Silty Clay Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
Gt	Gothenburg Sandy Loam, 0 to 2 Percent Slopes	2	86	0.24	1	3	1
Hc	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HcB	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HdC2	Hastings Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HdD2	Hastings Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
He	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hf	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
Hg	Holder Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HgB	Holder Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HgC	Holder Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HgD	Holder Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
HhC2	Holder Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HhD2	Holder Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Hk	Holder Silt Loam, Thick Surface, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hr	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HrC	Hord Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
InB	Inavale Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Ma	Massie Silt Loam, 0 to 1 Percent Slopes	3	0	0.37	3	3	3
Or	Ortello Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
OrB	Ortello Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
Ov	Ortello Loam, Loamy Substratum, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
OvB	Ortello Loam, Loamy Substratum, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
Pt	Platte Loam, 0 to 1 Percent Slopes	3	86	0.28	3	3	3
Ru	Rusco Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
Sd	Scott Silty Clay Loam, Drained, 0 to 1 Percent Slopes	3	38	0.37	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Hamilton County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
ThD	Thurman Fine Sandy Loam, 3 to 11 Percent Slopes	5	86	0.2	3	2	2
ThF	Thurman Fine Sandy Loam, 11 to 30 Percent Slopes	5	86	0.2	3	1	1
Uy	Uly Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
UyB	Uly Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
UyC	Uly Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
UyE2	Uly Silt Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
UyF	Uly Silt Loam, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Harlan County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Bk	Broken Alluvial Land	5	48	0.32	3	3	3
Bu	Butler Silt Loam	4	48	0.37	3	3	3
Ch	Coly and Hobbs Silt Loams	4	86	0.24	1	1	1
CkD2	Coly and Nuckolls Silt Loams, 9 to 31 Percent Slopes, Eroded	5	86	0.43	3	1	1
CmC2	Coly and Uly Silt Loams, 3 to 9 Percent Slopes, Eroded	5	86	0.43	3	2	2
CoA	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CoB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
CoC	Cozad Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
DeA	Detroit Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
HmA	Hobbs and McCook Silt Loams, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HmB	Hobbs and McCook Silt Loams, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoA	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoB2	Holdrege Silt Loam, 1 to 3 Percent Slopes, Eroded	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HpC2	Holdrege and Uly Soils, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
HrA	Hord and Hall Silt Loams, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord and Hall Silt Loams, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
InB	Inavale Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
Le	Leshara Silt Loam	5	48	0.32	3	3	3
Mb	McCook Sand, Overwash	5	250	0.15	1	3	1
Mc	McCook Loam	5	86	0.32	3	3	3
MtB	Munjor Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
MuB	Munjor Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
NuD	Nuckolls and Uly Silt Loams, 9 to 15 Percent Slopes	5	48	0.32	3	1	1
NuE2	Nuckolls and Uly Silt Loams, 9 to 31 Percent Slopes, Eroded	5	48	0.32	3	1	1
NyE	Nuckolls, Uly, and Canlon Soils, 9 to 31 Percent Slopes	5	48	0.32	3	1	1
Pm	Platte and McCook Soils	3	86	0.28	1	3	1
Sc	Scott Silt Loam	3	48	0.37	3	3	3
UsC	Uly Silt Loam, 3 to 9 Percent Slopes	5	48	0.32	3	2	2
UtE	Uly and Coly Silt Loams, 9 to 31 Percent Slopes	5	48	0.32	3	1	1
W	Water	0	0	0	2	2	2
Wa	Wet Alluvial Land	5	0	0.28	3	3	3
zwa	Water > 40 Acres (Harlan County Reservoir)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Hayes County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ba	Bankard Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bg	Bridget Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
BgB	Bridget Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
BgC	Bridget Silt Loam, 3 to 6 Percent Slopes	5	56	0.32	3	3	3
CcG	Canyon-Otero-Rock Outcrop Complex, 15 to 60 Percent Slopes	2	86	0.32	1	1	1
CdD	Colby Silt Loam, 6 to 9 Percent Slopes	5	86	0.43	1	2	1
CdG	Colby Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	1	1	1
CeF	Colby-Ulysses Silt Loams, 9 to 30 Percent Slopes	5	86	0.43	1	1	1
Du	Duroc Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
DuB	Duroc Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
Fu	Fluvaquents, Silty	5	0	0.28	3	3	3
Ga	Gannett Silt Loam, 0 to 2 Percent Slopes	5	0	0.28	3	3	3
Gc	Gibbon Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
JaB	Jayem Loamy Very Fine Sand, 0 to 3 Percent Slopes	5	134	0.2	1	3	1
JaC	Jayem Loamy Very Fine Sand, 3 to 6 Percent Slopes	5	134	0.2	1	3	1
Ke	Keith Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
KeB	Keith Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
KeC	Keith Silt Loam, 3 to 6 Percent Slopes	5	56	0.32	3	3	3
Ku	Kuma Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
KuB	Kuma Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
KuC	Kuma Silt Loam, 3 to 6 Percent Slopes	5	56	0.32	3	3	3
Ma	McCash Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
MaB	McCash Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
Mc	McCook Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Md	McCook Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	4	86	0.32	1	3	1
MfB	McCook Silt Loam, Channeled, 0 to 3 Percent Slopes	5	86	0.32	1	3	1
Pt	Pits, Sand and Gravel	0	0	0	2	2	2
SaB	Sarben Loamy Very Fine Sand, 0 to 3 Percent Slopes	5	134	0.24	1	3	1
SaC	Sarben Loamy Very Fine Sand, 3 to 6 Percent Slopes	5	134	0.24	1	3	1
SaD	Sarben Loamy Very Fine Sand, 6 to 9 Percent Slopes	5	134	0.24	1	2	1
SaE	Sarben Loamy Very Fine Sand, 9 to 20 Percent Slopes	5	134	0.24	1	2	1
SaG	Sarben Loamy Very Fine Sand, 20 to 60 Percent Slopes	5	134	0.24	1	1	1
Sc	Scott Variant Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.37	3	3	3
UsC	Ulysses Silt Loam, 3 to 6 Percent Slopes	5	56	0.32	3	3	3
UsD	Ulysses Silt Loam, 6 to 9 Percent Slopes	5	56	0.32	3	2	2
VaD	Valent Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaF	Valent Fine Sand, Rolling	5	250	0.15	1	2	1
VaG	Valent Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Hitchcock County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Dc	Duroc Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
2DcA	Duroc Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
2Gd	Glenberg Fine Sandy Loam, Saline-Alkali	5	86	0.24	1	3	1
2HL	Haverson and Las Loams, Saline-Alkali	5	86	0.32	1	3	1
2Mb	McCook Loam, Overflow	5	86	0.32	1	3	1
4Mb	McCook Loam, Sand Substratum Variant	5	86	0.32	1	3	1
An	Anselmo Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
AnA	Anselmo Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
AnB	Anselmo Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
AnC	Anselmo Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.2	1	3	1
AoAW	Anselmo Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
AoBW	Anselmo Loamy Fine Sand, 3 to 7 Percent Slopes	5	134	0.17	1	3	1
BcA	Bankard Loamy Fine Sand	5	134	0.17	1	3	1
BCa	Rough Broken Land, Caliche	2	86	0.43	1	1	1
Bf	Bayard Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
BfA	Bayard Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
BfA2	Bayard Loamy Fine Sand, Hummocky	5	134	0.17	1	3	1
BL	Rough Broken Land, Loess	5	86	0.43	1	1	1
Br	Bridgeport Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
BrA	Bridgeport Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
BrB	Bridgeport Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
Bw	Bayard Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
CbCW	Colby Silt Loam, 7 to 9 Percent Slopes	5	86	0.43	1	2	1
CbD	Colby Silt Loam, 9 to 30 Percent Slopes	5	86	0.43	1	1	1
DVC	Dwyer-Valentine Loamy Fine Sands, 3 to 17 Percent Slopes	5	134	0.17	1	2	1
Gd	Glenberg Fine Sandy Loam	5	86	0.24	1	3	1
Gh	Goshen Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hf	Haverson Fine Sandy Loam	5	86	0.2	1	3	1
KeA	Keith Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KeAW	Keith Silt Loam, 1 to 3 Percent Slopes, Eroded	5	48	0.32	3	3	3
KeB	Keith Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
KeB2	Keith Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
KG	Keith and Goshen Silt Loams, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Mb	McCook Loam	5	86	0.32	1	3	1
Pt	Platte Loam	3	86	0.28	1	3	1
Sc	Scott Silt Loam	3	48	0.37	1	3	1
Ss	Slickspots	2	56	0.43	1	3	1
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
Sy	Broken Alluvial Land	5	48	0.32	3	3	3
UsB2	Ulysses Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
UsC	Ulysses Silt Loam, 7 to 9 Percent Slopes	5	48	0.32	3	2	2
UsC2	Ulysses and Colby Silt Loams, 7 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
VaC	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
zp	Gravel Pits	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Hitchcock County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Holt County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
An	Anselmo Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
At	Anselmo Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Ax	Anselmo-O'Neill Sandy Loams, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
AxC	Anselmo-O'Neill Sandy Loams, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Ba	Barney Silt Loam, Channeled	2	86	0.28	1	3	1
Bb	Bazile Silt Loam, 0 to 2 Percent Slopes	4	48	0.32	3	3	3
BbC	Bazile Silt Loam, 2 to 6 Percent Slopes	4	48	0.32	3	2	2
Bg	Blown Out Land-Valentine Complex, 6 to 60 Percent Slopes	1	250	0.15	1	1	1
Bm	Boel Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bn	Boel Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bo	Boel Silty Clay Loam, Overwash, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bp	Boel-Inavale Complex, Channeled	5	134	0.17	1	3	1
BsB	Boelus Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
BsC	Boelus Loamy Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
BsD	Boelus Loamy Sand, 6 to 11 Percent Slopes	5	134	0.17	1	2	1
BtB	Boelus Loamy Sand, Gravelly Substratum, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
BuD	Boelus-Meadin Complex, 6 to 11 Percent Slopes	5	134	0.17	1	2	1
BwG	Bristow Silty Clay, 20 to 40 Percent Slopes	2	86	0.43	1	1	1
BxF	Brunswick-Pivot Complex, 9 to 30 Percent Slopes	4	86	0.24	3	2	2
ByF	Brunswick-Tassel Fine Sandy Loams, 11 to 40 Percent Slopes	4	86	0.24	3	1	1
Ce	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
DuB	Dunday Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DuC	Dunday Loamy Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
DxB	Dunn Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Eb	Els Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
EfB	Els-Ipage Complex, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Em	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
En	Elsmere Loamy Fine Sand, Clayey Substratum, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Ep	Elsmere Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
EsB	Elsmere-Ipage Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Eu	Elsmere-Selia Loamy Fine Sands, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Fm	Fillmore Silt Loam, 0 to 2 Percent Slopes	4	48	0.37	3	3	3
Gb	Gannett Loam, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
Gf	Gannett Loam, Wet, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
Ia	Inavale Sand, Channeled	5	220	0.15	1	3	1
Ib	Inavale Fine Sand, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Id	Inavale Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
IfB	Ipage Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IgB	Ipage Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ItB	Ipage-Tryon Fine Sands, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Jn	Jansen Loam, 0 to 2 Percent Slopes	4	56	0.28	3	3	3
JnC	Jansen Loam, 2 to 6 Percent Slopes	4	56	0.28	3	3	3
JsC	Jansen-Meadin Loams, 3 to 6 Percent Slopes	4	56	0.28	3	3	3
Jt	Josburg Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Jw	Josburg Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Holt County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 100 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
LaC	Labu Silty Clay, 2 to 6 Percent Slopes	4	86	0.32	3	2	2
LaD	Labu Silty Clay, 6 to 11 Percent Slopes	4	86	0.32	3	2	2
LcF	Labu-Sansarc Silty Clays, 11 to 30 Percent Slopes	4	86	0.32	3	1	1
Ld	Lamo-Lute Loams, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Lf	Lawet Loam, Drained, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Lg	Lawet-Lute Complex, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Lh	Lex-Lute Loams, 0 to 2 Percent Slopes	4	86	0.28	3	3	3
LkB	Libory Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
LmB	Libory-Whitelake Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
LnC	Loretto Loam, 2 to 6 Percent Slopes	5	48	0.28	3	3	3
Lp	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Lr	Loup Fine Sandy Loam, Wet, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Ls	Loup-Inavale Complex, Channeled	5	0	0.2	3	3	3
LxC	Lynch Silty Clay, 2 to 6 Percent Slopes	4	86	0.32	3	2	2
LxD	Lynch Silty Clay, 6 to 11 Percent Slopes	4	86	0.32	3	2	2
Ma	Marlake Fine Sandy Loam, 0 to 2 Percent Slopes	2	0	0.2	3	3	3
MeB	Meadin Sandy Loam, 0 to 3 Percent Slopes	3	86	0.2	1	3	1
MeF	Meadin Sandy Loam, 3 to 30 Percent Slopes	3	86	0.2	1	2	1
MfB	Meadin Loam, 0 to 3 Percent Slopes	3	56	0.28	3	3	3
Nb	Nimbro Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
No	Nora Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
NoC	Nora Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	3	3
OdB	O'Neill Loamy Sand, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
Oe	O'Neill Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
OeC	O'Neill Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
Of	O'Neill Loam, 0 to 2 Percent Slopes	4	56	0.28	3	3	3
OmC	O'Neill-Meadin Fine Sandy Loams, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
OmD	O'Neill-Meadin Fine Sandy Loams, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
OmF	O'Neill-Meadin Fine Sandy Loams, 11 to 30 Percent Slopes	4	86	0.2	3	2	2
Or	Ord Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Os	Ord-Lute Fine Sandy Loams, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Pg	Paka Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
PgC	Paka Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Ph	Paka Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
PhC	Paka Loam, 2 to 6 Percent Slopes	5	48	0.28	3	3	3
PhD2	Paka Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.28	3	2	2
Pm	Pits, Sand and Gravel	0	0	0	2	2	2
PtB	Pivot Loamy Sand, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
PtC	Pivot Loamy Sand, 3 to 9 Percent Slopes	4	134	0.17	1	3	1
Rw	Riverwash	0	0	0	2	2	2
SaG	Sansarc Silty Clay, 20 to 40 Percent Slopes	2	86	0.37	1	1	1
SkB	Simeon Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
SmB	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Te	Trent Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
To	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Tp	Tryon Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Holt County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ts	Tryon-Inavale Complex, Channeled, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
VaB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	310	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaG	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VeB	Valentine-Dunday Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VeD	Valentine-Dunday Loamy Fine Sands, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VmD	Valentine-Els Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VsD	Valentine-Simeon Sands, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VsF2	Valentine-Simeon Sands, 9 to 30 Percent Slopes, Eroded	5	250	0.15	1	2	1
VtE	Valentine-Tryon Fine Sands, 0 to 17 Percent Slopes	5	250	0.15	1	2	1
VwD	Valentine-Wewela Complex, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
Vx	Verdel Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
W	Water	0	0	0	2	2	2
Ws	Wewela Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
WsC	Wewela Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
Wt	Wewela Loam, 0 to 2 Percent Slopes	4	48	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Hooker County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 75

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2DuB	Dunday Loamy Fine Sand, Terrace, 2 to 5 Percent Slopes	5	134	0.17	1	3	1
Ao	Anselmo Loamy Fine Sand, 0 to 1 Percent Slopes	5	134	0.17	1	3	1
B	Blown Out Land	1	250	0.15	1	2	1
DA	Dunday-Anselmo Loamy Fine Sand, 0 to 1 Percent Slopes	5	134	0.17	1	3	1
DuB	Dunday Loamy Fine Sand, 2 to 5 Percent Slopes	5	134	0.17	1	3	1
DuB2	Dunday Loamy Fine Sand, 2 to 5 Percent Slopes, Eroded	5	134	0.17	1	3	1
Ea	Elsmere Loamy Fine Sand	5	134	0.17	1	3	1
Eb	Elsmere Fine Sand	5	180	0.15	1	3	1
Gn	Gannett Sandy Loam	5	0	0.2	3	3	3
Ld	Loup Fine Sand	5	0	0.17	3	3	3
Lm	Loup Loam	5	0	0.28	3	3	3
VaC	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaD	Valentine Fine Sand, Hilly	5	250	0.15	1	2	1
VcB2	Valentine Loamy Sand, Hummocky, Eroded	5	134	0.17	1	3	1
VR	Valentine Soils and Rough Broken Land	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
zm	Marsh	5	0	0.17	3	3	3
zwa	Water (Lakes)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Howard County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
2ThA	Thurman Loamy Fine Sand, Loamy Substratum, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
2To	Tryon Soils, Drained	5	0	0.28	3	3	3
B	Blown Out Land	5	310	0.15	1	2	1
Boa	Boel Loamy Fine Sand	5	134	0.17	1	3	1
Bob	Boel Fine Sandy Loam	5	86	0.2	3	3	3
Boc	Boel Loam	5	86	0.28	3	3	3
CbC	Coly Silt Loam, 5 to 11 Percent Slopes	5	86	0.43	3	2	2
CbD	Coly Silt Loam, 11 to 31 Percent Slopes	5	86	0.43	3	1	1
CUD	Coly-Uly Complex, 15 to 31 Percent Slopes	5	86	0.43	3	1	1
Da	Darr Fine Sandy Loam	4	86	0.2	3	3	3
Db	Darr Silt Loam	4	48	0.28	3	3	3
De	Detroit Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Ea	Elsmere Loamy Fine Sand	5	134	0.17	1	3	1
Gg	Gibbon Silt Loam	5	86	0.32	3	3	3
Gk	Grigston Silt Loam	5	48	0.32	3	3	3
GsC3	Geary Soils, 7 to 11 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
GsD3	Geary Soils, 11 to 15 Percent Slopes, Severely Eroded	5	48	0.32	3	1	1
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HbA	Hobbs Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HbB	Hobbs Silt Loam, 3 to 5 Percent Slopes	5	48	0.32	3	3	3
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hg	Holder Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HgA	Holder Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HgB2	Holder Silt Loam, 3 to 5 Percent Slopes, Eroded	5	48	0.32	3	3	3
HgC	Holder Silt Loam, 5 to 11 Percent Slopes	5	48	0.32	3	2	2
HpC2	Holder Silty Clay Loam, 5 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
HpC3	Holder Silty Clay Loam, 5 to 11 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Ia	Inavale Loam	5	86	0.24	3	3	3
If	Inavale Fine Sand	5	220	0.15	1	3	1
Ig	Inavale Loamy Fine Sand	5	134	0.17	1	3	1
In	Inavale Fine Sandy Loam	5	86	0.2	3	3	3
Ks	Kenesaw Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KsB	Kenesaw Silt Loam, 1 to 5 Percent Slopes	5	48	0.32	3	3	3
KsC	Kenesaw Silt Loam, 5 to 11 Percent Slopes	5	48	0.32	3	2	2
KSz	Kenesaw-Slickspots Complex	5	48	0.32	3	3	3
L	Loretto Complex, 0 to 5 Percent Slopes	5	86	0.2	3	3	3
La	Lamo Silt Loam	5	48	0.32	3	3	3
LB	Libory-Boelus Fine Sands	5	134	0.15	1	3	1
LC	Libory-Boelus Loamy Fine Sands	5	134	0.17	1	3	1
M	Marsh	2	0	0.28	3	3	3
NsD3	Nuckolls Soils, 15 to 31 Percent Slopes, Severely Eroded	5	48	0.32	3	1	1
Oa	Ovina Loamy Fine Sand	5	134	0.17	1	3	1
ObB	Ortello Loamy Fine Sand, 1 to 5 Percent Slopes	5	134	0.2	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Howard County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Oe	Ord Loam	5	86	0.28	3	3	3
Of	Ord Fine Sandy Loam	5	86	0.2	3	3	3
Ok	O'Neill Loam, 0 to 3 Percent Slopes	4	56	0.28	3	3	3
OrA	Ortello Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
Ot	Ortello Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
OtB	Ortello Loam, 1 to 5 Percent Slopes	5	56	0.28	3	3	3
OxD	Ortello-Coly Complex, 15 to 31 Percent Slopes	5	134	0.2	1	1	1
RB	Rough Broken Land Loess	5	86	0.43	3	1	1
Ru	Rusco Silt Loam	5	56	0.32	3	3	3
Sm	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SS	Silver Creek-Slickspots Complex	3	48	0.32	3	3	3
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
TfB	Thurman Fine Sand, 0 to 5 Percent Slopes	5	250	0.15	1	3	1
ThA	Thurman Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ThB	Thurman Loamy Fine Sand, 3 to 5 Percent Slopes	5	134	0.17	1	3	1
Ty	Tryon Loam	5	0	0.28	3	3	3
UsC	Uly Silt Loam, 5 to 11 Percent Slopes	5	48	0.32	3	2	2
UsD	Uly Silt Loam, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
VaC	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VTD	Valentine and Thurman Soils, 0 to 17 Percent Slopes	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Jefferson County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Cm	Cass Loam, Occasionally Flooded	5	56	0.28	3	3	3
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
BdB	Burchard Clay Loam, 3 to 7 Percent Slopes	5	48	0.28	3	2	2
BdC	Burchard Clay Loam, 7 to 11 Percent Slopes	5	48	0.28	3	1	1
BdC3	Burchard Clay Loam, 7 to 11 Percent Slopes, Severely Eroded	5	48	0.28	3	1	1
BdE	Burchard Clay Loam, 11 to 30 Percent Slopes	5	48	0.28	3	1	1
BfB2	Benfield Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	3	38	0.37	3	2	2
BfC	Benfield Silty Clay Loam, 7 to 11 Percent Slopes	3	38	0.37	3	1	1
BfC2	Benfield Silty Clay Loam, 7 to 11 Percent Slopes, Eroded	3	38	0.37	3	1	1
BfD	Benfield Silty Clay Loam, 11 to 30 Percent Slopes	3	38	0.37	3	1	1
Bu	Butler Silt Loam	4	48	0.37	3	3	3
Ce	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CeA	Crete Silt Loam, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
CeC	Crete Silt Loam, 7 to 11 Percent Slopes	4	48	0.37	3	1	1
Cm	Cass Loam	5	56	0.28	3	3	3
CrB2	Crete Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	4	38	0.37	3	2	2
EdB2	Edalgo Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	3	38	0.37	3	2	2
EdC	Edalgo Silty Clay Loam, 7 to 11 Percent Slopes	3	38	0.37	3	1	1
GeB	Geary Silty Clay Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
GeB2	Geary Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC	Geary Silty Clay Loam, 7 to 11 Percent Slopes	5	48	0.32	3	1	1
GeC3	Geary Silty Clay Loam, 3 to 11 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
GeE	Geary Silty Clay Loam, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
GJC	Geary and Jansen Soils, 5 to 11 Percent Slopes	5	48	0.32	3	2	2
GJC2	Geary and Jansen Soils, 5 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GJC3	Geary and Jansen Soils, 5 to 11 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
GJE	Geary and Jansen Soils, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
GP	Gravel Pits	0	0	0	2	2	2
Hb	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HbA	Hobbs Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HdA	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HsA	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HsB	Hastings Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HsC	Hastings Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	1	1
HtB2	Hastings Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
HtC3	Hastings Silty Clay Loam, 3 to 11 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
HvE	Hedville Loam, 7 to 30 Percent Slopes	2	86	0.28	1	1	1
JaB	Jansen Loam, 3 to 7 Percent Slopes	4	56	0.28	3	2	2
JaB2	Jansen Loam, 3 to 7 Percent Slopes, Eroded	4	56	0.28	3	2	2
JaC	Jansen Loam, 7 to 11 Percent Slopes	4	56	0.28	3	1	1
KsD	Kipson Silt Loam, 7 to 30 Percent Slopes	2	86	0.32	1	1	1
LanC3	Lancaster Soils, 7 to 11 Percent Slopes, Severely Eroded	4	86	0.2	3	2	2
LcB2	Lancaster Loam, 3 to 7 Percent Slopes, Eroded	4	48	0.28	3	2	2
LcC	Lancaster Loam, 7 to 11 Percent Slopes	4	48	0.28	3	1	1
LEE	Lancaster and Edalgo Soils, 11 to 30 Percent Slopes	4	48	0.28	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Jefferson County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
MaaB2	Mayberry Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	4	48	0.37	3	2	2
MaaC	Mayberry Silty Clay Loam, 7 to 11 Percent Slopes	4	48	0.37	3	1	1
MadC3	Mayberry Clay, 3 to 11 Percent Slopes, Severely Eroded	3	86	0.37	3	2	2
MC3	Morrill Soils, 3 to 11 Percent Slopes, Severely Eroded	5	48	0.28	3	2	2
MnC2	Malcolm Silt Loam, 7 to 11 Percent Slopes, Eroded	5	56	0.32	3	1	1
MrB	Morrill Clay Loam, 3 to 7 Percent Slopes	5	48	0.28	3	2	2
MrB2	Morrill Clay Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.28	3	2	2
MrC	Morrill Clay Loam, 7 to 11 Percent Slopes	5	48	0.28	3	1	1
MrE	Morrill Clay Loam, 11 to 30 Percent Slopes	5	48	0.28	3	1	1
MwD	Meadin Loam, 7 to 30 Percent Slopes	3	56	0.28	3	1	1
Rv	Rough Stony Land	5	86	0.43	3	1	1
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
W	Water	0	0	0	2	2	2
Wx	Wet Alluvial Land	5	0	0.28	3	3	3
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Johnson County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
BrE2	Burchard-Steinauer Clay Loams, 9 to 15 Percent Slopes, Eroded	5	48	0.28	3	1	1
DcD	Dickinson Fine Sandy Loam, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
DcF	Dickinson Fine Sandy Loam, 11 to 20 Percent Slopes	4	86	0.2	3	1	1
JuC	Judson Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KnB	Kennebec-Nodaway Silt Loams, 0 to 4 Percent Slopes	5	48	0.32	3	3	3
KpF	Kipson-Benfield Complex, 11 to 25 Percent Slopes	2	0	0.24	3	1	1
MaD	Malcolm Silt Loam, 5 to 11 Percent Slopes	5	56	0.32	3	2	2
MaF	Malcolm Silt Loam, 11 to 25 Percent Slopes	5	56	0.32	3	1	1
MeC	Mayberry Clay Loam, 3 to 9 Percent Slopes	4	48	0.37	3	2	2
MfC2	Mayberry Clay, 3 to 9 Percent Slopes, Eroded	3	86	0.37	3	2	2
MrD	Morrill Clay Loam, 5 to 11 Percent Slopes	5	48	0.28	3	2	2
MrD2	Morrill Clay Loam, 5 to 11 Percent Slopes, Eroded	5	48	0.28	3	2	2
Na	Nishna Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Nb	Nodaway Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Nf	Nodaway Silt Loam, Channeled	5	48	0.37	3	3	3
PaC	Pawnee Clay Loam, 3 to 9 Percent Slopes	4	48	0.37	3	2	2
PaD	Pawnee Clay Loam, 9 to 12 Percent Slopes	4	48	0.37	3	1	1
PbC2	Pawnee Clay, 3 to 9 Percent Slopes, Eroded	3	86	0.37	3	2	2
PbD2	Pawnee Clay, 9 to 12 Percent Slopes, Eroded	3	86	0.37	3	1	1
ShB	Sharpsburg Silty Clay Loam, 1 to 4 Percent Slopes	5	38	0.32	3	3	3
SkE	Shelby Clay Loam, 9 to 15 Percent Slopes	5	48	0.28	3	1	1
SkF	Shelby Clay Loam, 15 to 30 Percent Slopes	5	48	0.28	3	1	1
StF	Steinauer Clay Loam, 15 to 20 Percent Slopes	5	86	0.32	3	1	1
W	Water	0	0	0	2	2	2
Wc	Wabash Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Wt	Wymore Silty Clay Loam, 0 to 2 Percent Slopes	4	38	0.37	3	3	3
WtC	Wymore Silty Clay Loam, 2 to 7 Percent Slopes	4	38	0.37	3	2	2
WyC2	Wymore Silty Clay, 2 to 7 Percent Slopes, Eroded	4	38	0.37	3	2	2
Zh	Zoe-Zook Silty Clay Loams, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Zo	Zook Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Kearney County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Ad	Alda Loam, 0 to 1 Percent Slopes	4	48	0.28	3	3	3
Bo	Boel Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CaC	Coly Silt Loam, 3 to 6 Percent Slopes	5	86	0.43	3	2	2
CaD	Coly Silt Loam, 6 to 11 Percent Slopes	5	86	0.43	3	2	2
CaF	Coly Silt Loam, 11 to 20 Percent Slopes	5	86	0.43	3	1	1
CkB	Coly-Kenesaw Silt Loams, 0 to 3 Percent Slopes	5	86	0.43	3	3	3
CoD2	Coly-Uly Silt Loams, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CoF2	Coly-Uly Silt Loams, 11 to 20 Percent Slopes, Eroded	5	86	0.43	3	1	1
De	Detroit Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Gb	Gibbon Loam, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Gc	Gibbon Loam, Saline, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Go	Gothenburg Loamy Sand, 0 to 2 Percent Slopes	2	134	0.17	1	3	1
HeB	Hersh Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HeC	Hersh Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.24	3	3	3
HeD	Hersh Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.24	3	2	2
Hf	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HgB	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HoC2	Holdrege Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
Hp	Holdrege Silt Loam, Overblown, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HpB	Holdrege Silt Loam, Overblown, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hr	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
InB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Ke	Kenesaw Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KgB	Kenesaw-Coly Silt Loams, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Lf	Lex Loam, 0 to 1 Percent Slopes	4	86	0.28	3	3	3
Lg	Lex Loam, Saline, 0 to 1 Percent Slopes	4	86	0.28	3	3	3
LoB	Libory Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Ma	Massie Silty Clay Loam, 0 to 1 Percent Slopes	3	0	0.37	3	3	3
Pg	Pits, Sand and Gravel	0	0	0	2	2	2
Pm	Platte Loam, 0 to 1 Percent Slopes	3	86	0.28	1	3	1
Ru	Rusco Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
SmB	Simeon Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
To	Tryon Loamy Fine Sand, 0 to 1 Percent Slopes	5	0	0.17	3	3	3
UcF	Uly-Coly Silt Loams, 11 to 20 Percent Slopes	5	48	0.32	3	1	1
UsF	Ustorthents, Steep	5	0	0.43	3	1	1
VaB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VaD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VaF	Valentine Loamy Fine Sand, Rolling	5	134	0.17	1	2	1
VbD	Valentine-Els Loamy Fine Sands, 0 to 9 Percent Slopes	5	134	0.17	1	3	1
W	Water	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Kearney County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Wa	Wann Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Keith County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.5 R Factor = 100 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Ad	Alda Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	1	3	1
AwF	Altvan-Dix Complex, 6 to 30 Percent Slopes	4	56	0.28	3	2	2
Bb	Bankard Sand, 0 to 2 Percent Slopes	5	220	0.17	1	3	1
Bc	Bankard Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bd	Bankard Loamy Sand, Channeled	5	134	0.17	1	3	1
BeB	Bayard Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.24	1	3	1
Bo	Boel Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bs	Bridget Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
BtB	Bridget Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
ChB	Chappell Fine Sandy Loam, 0 to 3 Percent Slopes	4	86	0.2	1	3	1
Cu	Cullison Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Cz	Cullison Loam, Wet, 0 to 2 Percent Slopes	5	0	0.24	3	3	3
DfE	Dix Gravelly Loam, 3 to 20 Percent Slopes	2	86	0.2	1	2	1
DsG	Dix-Sully-Sarben Complex, 20 to 60 Percent Slopes	2	86	0.2	1	1	1
Dt	Duroc Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
DtB	Duroc Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Du	Duroc Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
DuB	Duroc Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Fu	Fluvaquents, Sandy	5	0	0.17	3	3	3
Go	Gothenburg Loamy Sand, 0 to 2 Percent Slopes	2	134	0.17	1	3	1
IpB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Ja	Janise Loam, 0 to 2 Percent Slopes	5	86	0.43	1	3	1
Jd	Janise Loam, Drained, 0 to 2 Percent Slopes	5	86	0.43	1	3	1
KeB	Keith Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KeC	Keith Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
Ku	Kuma Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
KuB	Kuma Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
La	Lawet Loam, 0 to 2 Percent Slopes	5	86	0.28	1	3	1
Le	Lex Loam 0 to 2 Percent Slopes	4	86	0.28	1	3	1
Lp	Lodgepole Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	1	3	1
Ma	Marlake Fine Sandy Loam, 0 to 1 Percent Slopes	2	0	0.17	3	3	3
Me	Merrick Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
No	Norwest Loam, 0 to 2 Percent Slopes	5	86	0.28	1	3	1
Pp	Pits and Dumps	0	0	0	2	2	2
Pt	Platte Loam, 0 to 2 Percent Slopes	3	86	0.28	1	3	1
RtB	Rosebud Loam, 1 to 3 Percent Slopes	4	48	0.28	3	3	3
RtD	Rosebud Loam, 3 to 9 Percent Slopes	4	48	0.28	3	2	2
SaB	Sarben Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SaC	Sarben Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
SaD	Sarben Loamy Fine Sand, 6 to 9 Percent Slopes	5	134	0.17	1	3	1
SaE	Sarben Loamy Fine Sand, 9 to 20 Percent Slopes	5	134	0.17	1	2	1
Sb	Satanta Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
SbB	Satanta Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
SbC	Satanta Loam, 3 to 6 Percent Slopes	5	48	0.28	3	3	3
ScD	Satanta-Dix Complex, 3 to 9 Percent Slopes	5	48	0.28	3	2	2
SfD	Sully Loam, 6 to 9 Percent Slopes	5	86	0.43	1	2	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Keith County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
SfG	Sully Loam, 30 to 60 Percent Slopes	5	86	0.43	1	1	1
SkE	Sully-Dix Complex, 9 to 20 Percent Slopes	5	86	0.43	1	1	1
SmE2	Sully-Mcconaughy Complex, 9 to 20 Percent Slopes, Eroded	5	86	0.43	1	1	1
SmF	Sully-Mcconaughy Complex, 9 to 30 Percent Slopes	5	86	0.43	1	1	1
TaG	Tassel-Otero-Rock Outcrop Complex, 15 to 60 Percent Slopes	2	86	0.32	1	1	1
VdB	Valent Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VdD	Valent Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VdE	Valent Fine Sand, Rolling	5	250	0.15	1	2	1
VdF	Valent Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VgG	Valent Fine Sand, Gullied, 30 to 60 Percent Slopes	5	250	0.15	1	1	1
VtG	Valent-Tassel-Rock Outcrop Complex, 9 to 60 Percent Slopes	5	250	0.15	1	2	1
VwB	Vetal Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.2	1	3	1
W	Water	0	0	0	2	2	2
Wa	Wann Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	1	3	1
Wt	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Keya Paha County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Albaton Variant Clay, 0 to 2 Percent Slopes	4	86	0.32	3	3	3
AmB	Anselmo Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
An	Anselmo Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Ba	Barney Fine Sandy Loam, 0 to 2 Percent Slopes	2	86	0.2	1	3	1
Bo	Boel Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bt	Brocksburg Loam, 0 to 1 Percent Slopes	4	56	0.28	3	3	3
Cb	Cass Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
CcB	Cass Loam, Channeled, 0 to 3 Percent Slopes	5	56	0.28	3	3	3
DdB	Duda Loamy Fine Sand, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
DdC	Duda Loamy Fine Sand, 3 to 6 Percent Slopes	4	134	0.17	1	3	1
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DxB	Dunday-Duda Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Eo	Els Fine Sand, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Es	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Ho	Holt Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
HoC	Holt Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
HtC	Holt-Tassel Fine Sandy Loams, 3 to 6 Percent Slopes	4	86	0.2	3	3	3
HtD	Holt-Tassel Fine Sandy Loams, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
IfD	Inavale Fine Sand, 3 to 11 Percent Slopes	5	220	0.15	1	3	1
IgB	Inavale Fine Sand, Channeled, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IhB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
IpB	Ipage Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Ja	Jansen Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
Jn	Jansen Loam, 0 to 2 Percent Slopes	4	56	0.28	3	3	3
JnC	Jansen Loam, 2 to 6 Percent Slopes	4	56	0.28	3	3	3
JoB	Jansen-Meadin Loams, 0 to 3 Percent Slopes	4	56	0.28	3	3	3
LaD	Labu Silty Clay, 6 to 11 Percent Slopes	4	86	0.32	3	2	2
LcF	Labu-Sansarc Silty Clays, 11 to 30 Percent Slopes	4	86	0.32	3	1	1
Lo	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Lp	Loup Fine Sandy Loam, Wet, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
MaB	Manter Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
MaC	Manter Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
MfC	Manter Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
MkG	Mariaville-Keota Silt Loams, 15 to 60 Percent Slopes	2	48	0.37	3	1	1
Mm	Marlake Loamy Fine Sand, 0 to 1 Percent Slopes	2	0	0.17	3	3	3
MnF	Meadin Gravelly Sandy Loam, 3 to 30 Percent Slopes	2	86	0.2	1	2	1
Mu	Munjor Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	3	3	3
OaB	O'Neill Loamy Fine Sand, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
Oe	O'Neill Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
OeC	O'Neill Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
OeD	O'Neill Fine Sandy Loam, 6 to 9 Percent Slopes	4	86	0.2	3	2	2
OhB	O'Neill-Meadin Fine Sandy Loams, 0 to 3 Percent Slopes	4	86	0.2	3	3	3
OkD	O'Neill-Valentine Complex, 1 to 9 Percent Slopes	4	86	0.2	3	2	2
On	Onita Silt Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
Or	Ord-Loup Fine Sandy Loams, 0 to 2 Percent Slopes	5	86	0.2	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Keya Paha County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Pf	Paka Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Ph	Paka Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
PhB	Paka Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
PmC	Paka-Mariaville Loams, 3 to 6 Percent Slopes	5	48	0.28	3	3	3
PmF	Paka-Mariaville Loams, 11 to 30 Percent Slopes	5	48	0.28	3	2	2
RaB	Ree Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
Rb	Ree Loam, Clayey Substratum, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
ReC	Reliance Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	3	3
RoD	Ronson-Anselmo Fine Sandy Loams, 6 to 9 Percent Slopes	4	86	0.2	3	2	2
RoF	Ronson-Anselmo Fine Sandy Loams, 9 to 30 Percent Slopes	4	86	0.2	3	2	2
RtB	Ronson-Tassel Fine Sandy Loams, 0 to 3 Percent Slopes	4	86	0.2	3	3	3
SaG	Sansarc Silty Clay, 20 to 40 Percent Slopes	2	86	0.37	1	1	1
ScF	Schamber Gravelly Sandy Loam, 11 to 30 Percent Slopes	2	48	0.17	3	1	1
SmF	Simeon-Manter-Ronson Complex, 6 to 17 Percent Slopes	5	134	0.17	1	2	1
SvF2	Simeon-Valentine Fine Sands, 6 to 17 Percent Slopes, Eroded	5	220	0.15	1	2	1
SwB	Simeon-Valentine Loamy Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
TaF	Tassel Loamy Fine Sand, 3 to 30 Percent Slopes	2	134	0.17	1	2	1
TdE	Tassel-Duda Complex, 3 to 15 Percent Slopes	2	86	0.24	1	2	1
TrG	Tassel-Ronson-Duda Complex, 15 to 70 Percent Slopes	2	134	0.17	1	1	1
Tu	Tuthill Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
VaF	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaG	Valentine Fine Sand, Hilly	5	250	0.15	1	1	1
VbD	Valentine Loamy Fine Sand, Gently Rolling	5	134	0.17	1	3	1
VcF	Valentine-Tassel Complex, Rolling	5	250	0.15	1	2	1
VdC	Valentine-Wewela Loamy Fine Sands, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
VdF	Valentine-Wewela Loamy Fine Sands, 6 to 30 Percent Slopes	5	134	0.17	1	2	1
Ve	Verdel Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
VeB	Verdel Silty Clay Loam, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
VeC	Verdel Silty Clay Loam, 3 to 6 Percent Slopes	5	38	0.32	3	3	3
Vo	Vetal Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Vt	Vetal Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
VtB	Vetal Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
VtC	Vetal Loam, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
W	Water	0	0	0	2	2	2
WeB	Wewela Fine Sandy Loam, 0 to 3 Percent Slopes	4	86	0.2	3	3	3
WeC	Wewela Fine Sandy Loam, 3 to 6 Percent Slopes	4	86	0.2	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Kimball County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
3AAW	Altvan Loam, Moderately Deep, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
3ABW	Altvan Loam, Moderately Deep, 3 to 5 Percent Slopes	4	56	0.28	1	3	1
3ACW	Altvan Loam, Moderately Deep, 5 to 9 Percent Slopes	4	56	0.28	1	3	1
3Pn	Parshall Sandy Loam, Moderately Deep, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
3PnB	Parshall Sandy Loam, Moderately Deep, 1 to 5 Percent Slopes	5	86	0.2	1	3	1
3RAW	Rosebud Loam, Moderately Deep, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
3RbW	Rosebud Loam, Moderately Deep, 0 to 1 Percent Slopes	4	56	0.28	1	3	1
3RBW	Rosebud Loam, Moderately Deep, 3 to 5 Percent Slopes	4	56	0.28	1	3	1
3RCW	Rosebud Loam, Moderately Deep, 5 to 9 Percent Slopes	4	56	0.28	1	3	1
Aa	Altvan Loam, Deep, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
AaAW	Altvan Loam, Deep, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
AaBW	Altvan Loam, Deep, 3 to 5 Percent Slopes	5	56	0.28	3	3	3
AaCW	Altvan Loam, Deep, 5 to 9 Percent Slopes	5	56	0.28	3	3	3
AfAW	Altvan Fine Sandy Loam, Deep, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
BfBW	Bayard Fine Sandy Loam, 1 to 5 Percent Slopes	5	86	0.2	1	3	1
BhA	Bridgeport Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
BhB	Bridgeport Loam, 3 to 5 Percent Slopes	5	56	0.32	3	3	3
CC	Canyon Complex, 0 to 9 Percent Slopes	2	0	0.24	3	2	2
CcB3	Canyon Loam, 0 to 5 Percent Slopes, Eroded	2	86	0.32	1	3	1
CcBW	Canyon Loam, 0 to 5 Percent Slopes	2	86	0.32	1	3	1
CcD	Canyon Loam, 9 to 20 Percent Slopes	2	86	0.32	1	1	1
CD	Canyon Complex, 9 to 20 Percent Slopes	2	0	0.24	3	2	2
ChAW	Chappell Sandy Loam, 1 to 3 Percent Slopes	4	86	0.2	1	3	1
ChBW	Chappell Sandy Loam, 3 to 5 Percent Slopes	4	86	0.2	1	3	1
ChC	Chappell Sandy Loam, 5 to 9 Percent Slopes	4	86	0.2	1	3	1
CnBW	Canyon Sandy Loam, 0 to 5 Percent Slopes	2	86	0.24	1	3	1
CnD	Canyon Sandy Loam, 9 to 20 Percent Slopes	2	86	0.24	1	2	1
CRC	Canyon-Rosebud Loams, 5 to 9 Percent Slopes	2	86	0.32	1	2	1
CRC3	Canyon-Rosebud Loams, 5 to 9 Percent Slopes, Eroded	2	86	0.32	1	2	1
CVC	Canyon-Vebar Sandy Loams, 5 to 9 Percent Slopes	2	86	0.24	1	2	1
Cy	Cheyenne Loam, 0 to 1 Percent Slopes	4	56	0.28	1	3	1
CyA	Cheyenne Loam, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
DxC	Dix Loams, 3 to 9 Percent Slopes	2	86	0.2	1	2	1
DxD	Dix Complex, 9 to 20 Percent Slopes	2	86	0.2	1	2	1
Dy	Dwyer Loamy Sand	5	134	0.17	1	3	1
Gd	Glendive Fine Sandy Loam	5	86	0.24	1	3	1
Go	Goshen Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
GoA	Goshen Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
Gv	Gravelly Land	2	0	0.17	3	1	1
He	Havre Silt Loam	5	86	0.37	1	3	1
Ke	Keith Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
KeAW	Keith Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
KeBW	Keith Loam, 3 to 5 Percent Slopes	5	48	0.28	3	3	3
Lx	Loamy Alluvial Land	0	0	0	2	2	2
Pn	Parshall Sandy Loam, Deep, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
PnBW	Parshall Sandy Loam, Deep, 1 to 5 Percent Slopes	5	86	0.2	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Kimball County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.6 R Factor = 50 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
PnCW	Parshall Sandy Loam, Deep, 5 to 9 Percent Slopes	5	86	0.2	1	3	1
Rb	Rosebud Loam, Deep, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
RbAW	Rosebud Loam, Deep, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
RbBW	Rosebud Loam, Deep, 3 to 5 Percent Slopes	5	56	0.28	3	3	3
RbCW	Rosebud Loam, Deep, 5 to 9 Percent Slopes	5	56	0.28	3	3	3
RbD	Rosebud Loam, 9 to 15 Percent Slopes	4	56	0.28	1	2	1
Rv	Rock Land	0	0	0	2	2	2
Rw	Riverwash	0	0	0	2	2	2
Se	Scott Silt Loam	3	48	0.37	1	3	1
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
Ta	Tripp Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
TaAW	Tripp Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
TaBW	Tripp Loam, 3 to 5 Percent Slopes	5	56	0.32	3	3	3
TaCW	Tripp Loam, 5 to 9 Percent Slopes	5	56	0.32	3	3	3
Tr	Tripp Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
TrA	Tripp Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
TrBW	Tripp Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
VrAW	Vebar Sandy Loam, 0 to 3 Percent Slopes	4	86	0.2	1	3	1
VrBW	Vebar Sandy Loam, 3 to 5 Percent Slopes	4	86	0.2	1	3	1
VrCW	Vebar Sandy Loam, 5 to 9 Percent Slopes	4	86	0.2	1	3	1
VrD	Vebar Sandy Loam, 9 to 15 Percent Slopes	4	86	0.2	1	2	1
W	Water	0	0	0	2	2	2
Wx	Wet Alluvial Land	0	86	0	2	2	2
zi	Intermittent Water	0	0	0	2	2	2
zr	Mines and Pits	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Knox County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Aa	Albaton Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ab	Albaton Silty Clay, Ponded, 0 to 1 Percent Slopes	5	0	0.28	3	3	3
AcC	Alcester Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	3	3
AcD	Alcester Silt Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
Ao	Aowa Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Ar	Aowa Silt Loam, Channeled, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Ba	Barney Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Bd	Bazile Loamy Fine Sand, 0 to 2 Percent Slopes	4	134	0.17	1	3	1
BdC	Bazile Loamy Fine Sand, 2 to 6 Percent Slopes	4	134	0.17	1	3	1
BdD	Bazile Loamy Fine Sand, 6 to 11 Percent Slopes	4	134	0.17	1	2	1
Bn	Bazile Loam, 0 to 2 Percent Slopes	4	48	0.32	3	3	3
BnC	Bazile Loam, 2 to 6 Percent Slopes	4	48	0.32	3	2	2
BnD	Bazile Loam, 6 to 11 Percent Slopes	4	48	0.32	3	2	2
BoD2	Betts Clay Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.28	3	2	2
BoE2	Betts Clay Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.28	3	1	1
BoF	Betts Clay Loam, 15 to 30 Percent Slopes	5	86	0.28	3	1	1
BoG	Betts Clay Loam, 30 to 60 Percent Slopes	5	86	0.28	3	1	1
Bp	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Br	Blyburg Silt Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bs	Boel Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Bt	Boelus Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
BtC	Boelus Loamy Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
BtD	Boelus Loamy Sand, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
BvG	Bristow Silty Clay, 30 to 60 Percent Slopes	2	86	0.43	1	1	1
BwD	Brunswick Fine Sandy Loam, 6 to 11 Percent Slopes	4	86	0.24	3	2	2
BxE	Brunswick-Paka Complex, 6 to 15 Percent Slopes	4	86	0.24	3	2	2
BxF	Brunswick-Paka Complex, 15 to 30 Percent Slopes	4	86	0.24	3	1	1
By	Butler Silt Loam, 0 to 2 Percent Slopes	4	48	0.37	3	3	3
Co	Coleridge Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
CrC2	Crofton Silt Loam, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CrD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CrE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CrG	Crofton Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
CsC2	Crofton-Nora Complex, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CsD2	Crofton-Nora Complex, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CsE2	Crofton-Nora Complex, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CtD2	Crofton-Thurman Complex, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CtE2	Crofton-Thurman Complex, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CtF	Crofton-Thurman Complex, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
Ef	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Eh	Elsmere Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Et	Eltree Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
EtC	Eltree Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	2	2
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fu	Fluvaquents, Silty, 0 to 2 Percent Slopes	5	0	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Knox County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
GaG	Gavins Silt Loam, 30 to 60 Percent Slopes	2	86	0.43	1	1	1
Gf	Gibbon Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Hd	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Ho	Hord Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
If	Inavale Fine Sand, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Ig	Inavale Fine Sand, Channeled, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Ih	Inavale Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Im	Inavale Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Ke	Kezan Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
KzB	Kezan Silt Loam, Channeled, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
LbD	Labu Silty Clay, 6 to 11 Percent Slopes	4	86	0.32	3	2	2
LcF	Labu-Sansarc Complex, 11 to 30 Percent Slopes	4	86	0.32	3	1	1
LhC2	Longford Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
LhD2	Longford Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Lk	Loretto Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
LkC	Loretto Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
LyF	Lynch-Bristow Complex, 11 to 30 Percent Slopes	4	86	0.37	3	1	1
LzD	Lynch-Verdel Complex, 6 to 11 Percent Slopes	4	86	0.37	3	1	1
MbF	Mariaville Very Fine Sandy Loam, 3 to 30 Percent Slopes	2	48	0.37	3	2	2
MeB	Meadin Sandy Loam, 0 to 3 Percent Slopes	3	86	0.2	3	3	3
MgF	Meadin-O'Neill Complex, 3 to 30 Percent Slopes	3	86	0.2	3	2	2
Mm	Moody Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
MmC	Moody Loam, 2 to 6 Percent Slopes	5	48	0.28	3	3	3
Mo	Moody Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
NoC	Nora Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
NoD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NoE	Nora Silty Clay Loam, 11 to 15 Percent Slopes	5	38	0.32	3	1	1
Ob	Obert Silt Loam, Wet, 0 to 2 Percent Slopes	5	0	0.32	3	3	3
Od	Onawa Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Oe	O'Neill Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
OeC	O'Neill Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
Og	Ord Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Oh	Ord Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Or	Ortello Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
OrC	Ortello Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Ou	Orwet Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ph	Paka Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
PhC	Paka Loam, 2 to 6 Percent Slopes	5	56	0.28	3	3	3
PhD	Paka Loam, 6 to 11 Percent Slopes	5	56	0.28	3	2	2
PhE	Paka Loam, 11 to 15 Percent Slopes	5	56	0.28	3	1	1
Pt	Percival Silty Clay, 0 to 2 Percent Slopes	4	86	0.28	3	3	3
RdD	Redstoe Silt Loam, 6 to 11 Percent Slopes	4	86	0.32	3	2	2
RgF	Redstoe-Gavins Complex, 11 to 30 Percent Slopes	4	86	0.32	3	1	1
SaG	Sansarc Silty Clay, 30 to 60 Percent Slopes	2	86	0.37	1	1	1
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Knox County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Sh	Shell Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
SsF2	Simeon Sand, 6 to 30 Percent Slopes, Eroded	5	220	0.15	1	2	1
StC	Simeon Loamy Sand, 0 to 6 Percent Slopes	5	134	0.17	3	3	3
SuC	Simeon Sandy Loam, 0 to 6 Percent Slopes	5	86	0.24	3	3	3
SvF	Simeon-Thurman Complex, 6 to 30 Percent Slopes	5	86	0.24	3	2	2
Sw	Solomon Silty Clay, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
TfB	Thurman Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
TfC	Thurman Fine Sand, 3 to 6 Percent Slopes	5	250	0.15	1	3	1
ThB	Thurman Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
ThC	Thurman Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
ToB	Thurman Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
ToD	Thurman Fine Sandy Loam, 3 to 11 Percent Slopes	5	86	0.2	3	2	2
ToF	Thurman Fine Sandy Loam, 11 to 30 Percent Slopes	5	86	0.2	3	2	2
Tr	Trent Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Tx	Trent Silt Loam, Moderately Wet, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
UbF	Urban Land, 3 to 30 Percent Slopes	0	0	0	2	2	2
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, 9 to 24 Percent Slopes	5	250	0.15	1	2	1
Ve	Verdel Silty Clay, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
VeC	Verdel Silty Clay, 2 to 6 Percent Slopes	5	86	0.32	3	2	2
VeD	Verdel Silty Clay, 6 to 11 Percent Slopes	5	86	0.32	3	2	2
VfC	Verdigre Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
VfD	Verdigre Fine Sandy Loam, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
VfF	Verdigre Fine Sandy Loam, 11 to 30 Percent Slopes	4	86	0.2	3	1	1
VgC	Verdigre Loam, 2 to 6 Percent Slopes	4	48	0.28	3	2	2
VgD	Verdigre Loam, 6 to 11 Percent Slopes	4	48	0.28	3	2	2
VgF	Verdigre Loam, 11 to 30 Percent Slopes	4	48	0.28	3	1	1
W	Water	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Lancaster County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
BpF	Burchard-Nodaway Complex, 2 to 30 Percent Slopes	5	48	0.28	3	2	2
BrD	Burchard Clay Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
BrE	Burchard Clay Loam, 11 to 15 Percent Slopes	5	48	0.28	3	1	1
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Bw	Butler Silt Loam, Terrace, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Co	Colo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
Cp	Colo-Nodaway Silty Clay Loams, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
Cr	Crete Silt Loam, Terrace, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CrB	Crete Silty Clay Loam, Terrace, 1 to 3 Percent Slopes	4	38	0.37	3	3	3
CrC	Crete Silty Clay Loam, Terrace, 3 to 6 Percent Slopes	4	38	0.37	3	2	2
CsB	Crete Variant Silty Clay Loam, 1 to 4 Percent Slopes	4	38	0.37	3	2	2
Ct	Crete Silt Loam, 0 to 2 Percent Slopes	4	48	0.37	3	3	3
DcD	Dickinson Fine Sandy Loam, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
DcD2	Dickinson Fine Sandy Loam, 6 to 11 Percent Slopes, Eroded	4	86	0.2	3	2	2
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
GeD	Geary Silty Clay Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
GeD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
HeF	Hedville Sandy Loam, 6 to 30 Percent Slopes	2	86	0.2	1	1	1
JfC	Judson Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
JuC	Judson Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Lm	Lamo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
McD	Malcolm Silt Loam, 6 to 11 Percent Slopes	5	56	0.32	3	2	2
McF	Malcolm Silt Loam, 11 to 25 Percent Slopes	5	56	0.32	3	1	1
MeC2	Mayberry Silty Clay Loam, 2 to 7 Percent Slopes, Eroded	4	48	0.37	3	2	2
MeD2	Mayberry Silty Clay Loam, 7 to 11 Percent Slopes, Eroded	4	48	0.37	3	1	1
MhC3	Mayberry Clay, 2 to 7 Percent Slopes, Severely Eroded	3	86	0.37	3	2	2
MrD	Morrill Clay Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
MrD2	Morrill Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.28	3	2	2
MrE	Morrill Clay Loam, 11 to 15 Percent Slopes	5	48	0.28	3	1	1
No	Nodaway Silt Loam, 0 to 2 Percent Slopes	5	48	0.37	3	3	3
Ns	Nodaway Silt Loam, Channeled	5	48	0.37	3	3	3
PaC2	Pawnee Clay Loam, 2 to 7 Percent Slopes, Eroded	4	48	0.37	3	2	2
PaD2	Pawnee Clay Loam, 7 to 11 Percent Slopes, Eroded	4	48	0.37	3	1	1
PbC3	Pawnee Clay, 2 to 7 Percent Slopes, Severely Eroded	3	86	0.37	3	2	2
Pt	Pits, Quarries	0	0	0	2	2	2
Sa	Salmo Silt Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Sb	Salmo Silty Clay Loam, Channeled, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Sc	Salmo Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
ShC	Sharpsburg Silty Clay Loam, 2 to 5 Percent Slopes	5	38	0.32	3	2	2
ShD	Sharpsburg Silty Clay Loam, 5 to 9 Percent Slopes	5	38	0.32	3	2	2
ShD2	Sharpsburg Silty Clay Loam, 5 to 9 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShE2	Sharpsburg Silty Clay Loam, 9 to 15 Percent Slopes, Eroded	5	38	0.32	3	1	1
Sk	Sharpsburg Silty Clay Loam, Terrace, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
SmD	Shelby Clay Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
SoF	Sogn-Rock Outcrop Complex, 11 to 30 Percent Slopes	1	86	0.32	1	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Lancaster County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.2 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
StD	Steinauer Loam, 6 to 11 Percent Slopes	5	86	0.32	3	2	2
StF	Steinauer Loam, 11 to 30 Percent Slopes	5	86	0.32	3	1	1
SuD2	Steinauer Clay Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.32	3	2	2
SuG	Steinauer Clay Loam, 20 to 40 Percent Slopes	5	86	0.32	3	1	1
Ua	Udorthents	0	0	0	2	2	2
Uc	Urban Land-Crete-Sharpsburg Complex, 0 to 2 Percent Slopes	0	0	0	2	2	2
UdB	Urban Land-Judson Complex, 1 to 3 Percent Slopes	0	0	0	2	2	2
Uk	Urban Land-Kennebec Complex, 0 to 2 Percent Slopes	0	0	0	2	2	2
UpC	Urban Land-Pawnee-Mayberry Complex, 2 to 7 Percent Slopes	0	0	0	2	2	2
Uw	Urban Land-Wymore Complex, 0 to 2 Percent Slopes	0	0	0	2	2	2
UxC	Urban Land-Wymore-Sharpsburg Complex, 2 to 7 Percent Slopes	0	0	0	2	2	2
W	Water	0	0	0	2	2	2
Wb	Wabash Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Wt	Wymore Silty Clay Loam, 0 to 1 Percent Slopes	4	38	0.37	3	3	3
WtB	Wymore Silty Clay Loam, 1 to 3 Percent Slopes	4	38	0.37	3	3	3
WtC2	Wymore Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	4	38	0.37	3	2	2
WtD	Wymore Silty Clay Loam, 7 to 11 Percent Slopes	4	38	0.37	3	1	1
WtD3	Wymore Silty Clay, 5 to 9 Percent Slopes, Severely Eroded	4	86	0.37	3	2	2
Zc	Zoe Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Zo	Zook Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Zp	Zook Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Lincoln County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ad	Alda Soils	4	48	0.28	3	3	3
AfB	Anselmo Sandy Loam, Terrace, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
AfC	Anselmo Sandy Loam, Terrace, 3 to 5 Percent Slopes	5	86	0.2	3	3	3
AnB	Anselmo Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	3	3	3
AnD	Anselmo Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.2	3	3	3
Bk	Bankard Loamy Fine Sand, Loamy Subsoil Variant	5	134	0.17	1	3	1
Bo	Blown Out Land	1	250	0.1	1	2	1
Cb	Caruso Loam	5	86	0.28	3	3	3
CeB	Cass Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
Cf	Cass Fine Sandy Loam, Calcareous Variant	5	86	0.2	3	3	3
CoD	Coly Silt Loam, 7 to 9 Percent Slopes	5	86	0.43	3	2	2
CoE	Coly Silt Loam, 9 to 15 Percent Slopes	5	86	0.43	3	1	1
CoF	Coly Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CsA	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CsB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
CsC	Cozad Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
Ct	Cozad Silt Loam, Saline-Alkali	5	48	0.37	3	3	3
Cu	Cozad Silt Loam, Wet	5	56	0.32	3	3	3
Cv	Cozad Silty Clay Loam	5	38	0.32	3	3	3
Cx	Cozad Loam, Sandy Subsoil Variant	5	48	0.28	3	3	3
CzE	Creighton Complex, 7 to 20 Percent Slopes	5	56	0.28	3	2	2
DbF	Dix Complex, 5 to 30 Percent Slopes	2	86	0.2	1	2	1
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DvC	Dunday-Valentine Loamy Fine Sands, 0 to 5 Percent Slopes	5	134	0.17	1	3	1
EaB	Elsmere Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ExC	Elsmere Complex, 0 to 5 Percent Slopes	5	134	0.17	1	3	1
Fm	Fillmore Complex	4	48	0.37	3	3	3
Ga	Gravelly Alluvial Land	2	134	0.17	1	3	1
HaA	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaB	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hb	Hall Silt Loam, Terrace	5	48	0.32	3	3	3
HcB	Hersh-Anselmo Fine Sandy Loams, 1 to 3 Percent Slopes	5	86	0.24	3	3	3
HdC	Hersh-Valentine Loamy Fine Sands, 0 to 5 Percent Slopes	5	134	0.17	1	3	1
HeC	Hersh Soils, 3 to 5 Percent Slopes	5	86	0.24	3	3	3
HeD	Hersh Soils, 5 to 9 Percent Slopes	5	86	0.24	3	2	2
HfF	Hersh and Anselmo Soils, 9 to 30 Percent Slopes	5	86	0.24	3	2	2
HgD	Hersh and Valentine Soils, 5 to 9 Percent Slopes	5	86	0.24	3	2	2
HhB	Hobbs Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HhC	Hobbs Fine Sandy Loam, 3 to 7 Percent Slopes	5	86	0.24	3	3	3
HkA	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HkB	Hobbs Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HkC	Hobbs Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
Hm	Hobbs and McCook Silt Loams	5	48	0.32	3	3	3
HnB	Holdrege Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Lincoln County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
HoC	Holdrege Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HoC2	Holdrege Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
HpC	Holdrege Complex, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HrD	Holdrege and Uly Silt Loams, 7 to 9 Percent Slopes	5	48	0.32	3	2	2
HsB	Hord Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
HtA	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HtB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HxA	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HxB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hz	Humbarger Loam, Gravelly Substratum	5	86	0.32	3	3	3
In	Inavale Loamy Fine Sand	5	134	0.17	1	3	1
La	Lawet Fine Sandy Loam, Drained	5	86	0.28	3	3	3
Lb	Lawet Silt Loam	5	86	0.28	3	3	3
Lc	Lawet Silt Loam, Drained	5	86	0.28	3	3	3
Ld	Lawet Silt Loam, Saline-Alkali	5	86	0.28	3	3	3
Le	Lawet-Slickspot Complex	5	86	0.28	3	3	3
Lf	Lawet Loam, Gravelly Subsoil Variant	4	86	0.28	1	3	1
Lg	Lex Loam	4	86	0.28	1	3	1
Lh	Lex Loam, Saline-Alkali	4	86	0.28	1	3	1
Lo	Loup Complex	5	0	0.28	3	3	3
Ma	Marsh	2	0	0.17	3	3	3
Mb	McCook Loam	5	86	0.32	3	3	3
Mc	McCook Loam, Saline-Alkali	5	86	0.32	3	3	3
Mu	Muck	5	0	0.28	3	3	3
Pa	Platte-Alda Complex	3	86	0.28	1	3	1
Ra	Riverwash	0	0	0	2	2	2
Rb	Rough Broken Land, Loess	5	86	0.43	3	1	1
Sc	Scott Soils	3	48	0.37	3	3	3
Se	Silver Creek Silt Loam	3	48	0.32	3	3	3
Su	Silver Creek Silt Loam, Saline-Alkali	3	48	0.32	3	3	3
UaC2	Uly Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
UaD	Uly Silt Loam, 7 to 9 Percent Slopes	5	48	0.32	3	2	2
UcD	Uly-Coly Silt Loams, 7 to 9 Percent Slopes	5	48	0.32	3	2	2
UeE	Uly and Coly Silt Loams, 9 to 20 Percent Slopes	5	48	0.32	3	2	2
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VbB	Valentine Loamy Fine Sand, Nearly Level	5	134	0.17	1	3	1
VbE	Valentine Loamy Fine Sand, Rolling	5	134	0.17	1	2	1
VcF	Valentine Complex, Hilly	5	250	0.15	1	2	1
VeB	Vetal Fine Sandy Loam, Loamy Substratum, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
W	Water	0	0	0	2	2	2
Wb	Wann Fine Sandy Loam	5	86	0.2	3	3	3
Wf	Wann Fine Sandy Loam, Saline-Alkali	5	86	0.2	3	3	3
Wm	Wann Loam	5	56	0.28	3	3	3
Wx	Wet Alluvial Land	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Logan County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
AnB	Anselmo Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	3	3	3
AnD	Anselmo Fine Sandy Loam, 5 to 11 Percent Slopes	5	86	0.2	3	2	2
AtA	Anselmo Fine Sandy Loam, Terrace, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
Bo	Blown Out Land	5	250	0.15	1	2	1
CoG	Coly Loam, 15 to 31 Percent Slopes	5	86	0.43	3	1	1
CuF	Coly and Uly Silt Loams, 11 to 15 Percent Slopes	5	86	0.43	3	1	1
DvB	Dunday-Valentine Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DvD	Dunday-Valentine Loamy Fine Sands, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
Ee	Els and Elsmere Fine Sands	5	220	0.15	1	3	1
Ga	Gannett Fine Sandy Loam	5	0	0.2	3	3	3
Ha	Hall Silt Loam	5	48	0.32	3	3	3
HeC	Hersh Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.24	3	3	3
HfB	Hersh and Anselmo Fine Sandy Loams, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HgD	Hersh and Valentine Soils, 5 to 11 Percent Slopes	5	86	0.24	3	2	2
HgG	Hersh and Valentine Soils, 11 to 31 Percent Slopes	5	86	0.24	3	2	2
HhA	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HhB	Hobbs Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HkC	Holdrege Fine Sandy Loam, 2 to 4 Percent Slopes, Overblown	5	86	0.2	3	3	3
HoC	Holdrege Silt Loam, 3 to 5 Percent Slopes	5	48	0.32	3	3	3
HoC2	Holdrege Silt Loam, 3 to 5 Percent Slopes, Eroded	5	48	0.32	3	3	3
HoD	Holdrege Silt Loam, 5 to 11 Percent Slopes	5	48	0.32	3	2	2
HoD3	Holdrege Silt Loam, 5 to 11 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
HpB	Holdrege-Hord Silt Loams, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
HrA	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HrC	Hord Silt Loam, 3 to 5 Percent Slopes	5	48	0.32	3	3	3
Lo	Loup Fine Sandy Loam	5	0	0.2	3	3	3
Ma	Marsh	2	0	0.2	3	3	3
Or	Ord Fine Sandy Loam	5	86	0.2	3	3	3
Os	Ord Fine Sandy Loam, Alkali	5	86	0.2	3	3	3
Ov	Ovina Fine Sandy Loam	5	86	0.2	3	3	3
Rb	Rough Broken Land, Loess	5	86	0.43	3	1	1
Sc	Scott Soils	3	48	0.37	3	3	3
Tn	Tryon Loamy Fine Sand	5	0	0.17	3	3	3
UaA	Uly Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
UcG	Uly-Coly Silt Loams, 15 to 31 Percent Slopes	5	48	0.32	3	1	1
UhD	Uly-Holdrege Silt Loams, 5 to 11 Percent Slopes	5	48	0.32	3	2	2
UhF	Uly-Holdrege Silt Loams, 11 to 15 Percent Slopes	5	48	0.32	3	1	1
VaB	Valentine Fine Sand, Nearly Level	5	250	0.15	1	3	1
VaF	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaG	Valentine Fine Sand, Hilly	5	250	0.15	1	1	1
VbB	Valentine Loamy Fine Sand, Nearly Level	5	134	0.17	1	3	1
VbE	Valentine Loamy Fine Sand, Rolling	5	134	0.17	1	3	1
VcG	Valentine Complex Hilly	5	250	0.15	1	2	1
Vt	Vetal Fine Sandy Loam	5	86	0.2	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Logan County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
W	Water	0	0	0	2	2	2
Wa	Wet Alluvial Land	2	0	0.2	3	3	3
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Loup County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Almeria Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ac	Almeria Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ad	Almeria Fine Sandy Loam, Channeled	5	0	0.24	3	3	3
Bg	Blown Out Land-Valentine Complex, 6 to 60 Percent Slopes	5	250	0.15	1	2	1
BhB	Boelus Loamy Fine Sand, Sandy Substratum, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
BkB	Boelus Sandy Substratum-Simeon Loamy Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Bo	Bolent Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Cm	Calamus Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
CrG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
Cs	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CsB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Eb	Els Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
EfB	Els-Ipage Fine Sands, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Em	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Fu	Fluvaquents, Sandy	5	0	0.17	3	3	3
GfB	Gates Silt Loam, 1 to 3 Percent Slopes	5	56	0.37	3	3	3
GfC2	Gates Silt Loam, 3 to 6 Percent Slopes, Eroded	5	56	0.37	3	3	3
GfD	Gates Silt Loam, 6 to 11 Percent Slopes	5	56	0.37	3	2	2
GfF	Gates Silt Loam, 11 to 30 Percent Slopes	5	56	0.37	3	1	1
HeB	Hersh Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HeC	Hersh Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.24	3	3	3
HeD	Hersh Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.24	3	2	2
HfB	Hersh-Gates Complex, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HfG	Hersh-Gates Complex, 20 to 60 Percent Slopes	5	86	0.24	3	1	1
HgF	Hersh-Valentine Complex, 9 to 24 Percent Slopes	5	86	0.24	3	2	2
Hm	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
Ht	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
IfB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IhB	Ipage Fine Sand, Terrace, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
ImB	Ipage Loamy Fine Sand, Terrace, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Lp	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Ma	Marlake Loamy Fine Sand, 0 to 2 Percent Slopes	2	0	0.17	3	3	3
Or	Ord Very Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
SmB	Simeon Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
SmF	Simeon Sand, 3 to 30 Percent Slopes	5	220	0.15	1	2	1
To	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Tp	Tryon Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
TsB	Tryon-Els Loamy Fine Sands, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
TtB	Tryon-Ipage Complex, 0 to 3 Percent Slopes	5	0	0.17	3	3	3
UbD2	Uly Silt Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
UbE	Uly Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VeB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Loup County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
VeD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VmD	Valentine-Els Complex, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VsD	Valentine-Simeon Complex, 0 to 9 Percent Slopes	5	134	0.17	1	3	1
Vt	Vetal Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
W	Water	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Madison County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
AcC	Alcester Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.28	3	2	2
BdC	Bazile Loam, 2 to 6 Percent Slopes	4	48	0.28	3	2	2
Be	Belfore Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bn	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bp	Boel Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Br	Boel Loamy Fine Sand, Channeled	5	134	0.17	3	3	3
BsC	Boelus Loamy Fine Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
Cf	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Cg	Cass Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
CnC	Clarno Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Co	Colo Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
CrC2	Crofton Silt Loam, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CrD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CrG	Crofton Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
CuE2	Crofton-Nora Complex, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
Eh	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Ek	Elsmere Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Gk	Gibbon Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Gs	Gibbon-Gayville Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
HaC	Hadar Loamy Fine Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
Hd	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
He	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
InB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Ip	Inavale-Boel Complex, 0 to 6 Percent Slopes	5	134	0.17	3	3	3
La	Lamo Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Lc	Lamo Silty Clay Loam, Wet, 0 to 1 Percent Slopes	5	0	0.32	3	3	3
Le	Lamo Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Lf	Lawet Loam, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
LgC	Libory Loamy Fine Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
Lo	Loretto Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
LoC	Loretto Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Lp	Loretto Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
LpC	Loretto Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Lt	Loup Loamy Fine Sand, Wet, 0 to 1 Percent Slopes	5	0	0.17	3	3	3
Ma	Marlake Loam, 0 to 1 Percent Slopes	2	0	0.2	3	3	3
Mo	Moody Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
Mp	Moody Silty Clay Loam, Terrace, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Mu	Muir Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
NoC	Nora Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
NoD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NoE	Nora Silty Clay Loam, 11 to 15 Percent Slopes	5	38	0.32	3	1	1
NpC2	Nora-Crofton Complex, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
NpD2	Nora-Crofton Complex, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Madison County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Og	Ord Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Oh	Ord Loam, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
OtC	Ortello Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Ov	Ovina Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
Sm	Shell Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Sn	Shell Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Sv	Shell Variant Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
ThB	Thurman Loamy Fine Sand, 1 to 3 Percent Slopes	5	134	0.17	3	3	3
ThC	Thurman Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
ThD	Thurman Loamy Fine Sand, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
Tm	Thurman Loamy Fine Sand, Thick, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, 9 to 20 Percent Slopes	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
Zo	Zook Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: McPherson County, Nebraska

1990 Frozen Factors
C Factor = 0.4
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Du	Dunday Loamy Fine Sand, Loamy Substratum	5	134	0.17	1	3	1
2Gn	Gannett Sandy Loam, Ponded	5	0	0.2	3	3	3
AB	Anselmo and Bridgeport Soils	5	86	0.2	3	3	3
AD	Anselmo-Dunday Loamy Fine Sands	5	134	0.17	1	3	1
B	Blown Out Land	1	250	0.1	1	2	1
Du	Dunday Loamy Fine Sand	5	134	0.17	1	3	1
Ea	Elsmere Loamy Fine Sand	5	134	0.17	1	3	1
Eb	Elsmere Fine Sand	5	310	0.17	1	3	1
Gn	Gannett Sandy Loam	5	0	0.2	3	3	3
M	Marsh	2	0	0.2	3	3	3
Va	Valentine Fine Sand, Level	5	250	0.15	1	3	1
VaC	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaD	Valentine Fine Sand, Hilly	5	250	0.15	1	1	1
W	Water	0	0	0	2	2	2
zw	Water, Undifferentiated (Lakes)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Merrick County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ac	Alda Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
Ag	Alda Loam, 0 to 1 Percent Slopes	4	48	0.28	3	3	3
Bb	Barney Loam, 0 to 2 Percent Slopes	2	86	0.28	1	3	1
Bd	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
BdC	Blendon Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Bf	Blendon Variant Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bk	Boel Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Br	Brocksburg Loam, 0 to 1 Percent Slopes	4	56	0.28	3	3	3
Cg	Caruso-Gayville Complex, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Co	Cozad Loam, Wet Substratum, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
CrF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CsD2	Crofton-Nora Silt Loams, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CsE2	Crofton-Nora Silt Loams, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
Eb	Els Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Fn	Fonner Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
Fp	Fonner Loam, 0 to 1 Percent Slopes	4	56	0.32	3	3	3
Fv	Fonner Variant Loamy Sand, 0 to 2 Percent Slopes	2	134	0.17	1	3	1
Gc	Gayville-Caruso Complex, 0 to 1 Percent Slopes	1	48	0.37	1	2	1
Gf	Gayville Variant Silt Loam, 0 to 2 Percent Slopes	5	56	0.32	3	3	3
Gg	Gibbon Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Gt	Gothenburg Soils, 0 to 3 Percent Slopes	2	134	0.17	1	3	1
Ha	Hall Silt Loam, Sandy Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HcB	Hobbs Silt Loam, Channeled, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
Hg	Holder Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hs	Hord Silt Loam, Sandy Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
IfD	Inavale Loamy Sand, 3 to 9 Percent Slopes	5	134	0.17	3	2	2
In	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Iv	Ipage Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Iw	Ipage-Els Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Jm	Janude Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Ks	Kenesaw Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
KsC	Kenesaw Silt Loam, 2 to 6 Percent Slopes	5	48	0.32	3	2	2
La	Lamo Silt Loam, Wet, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Lb	Lamo Clay Loam, Sandy Substratum, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Lc	Lamo-Saltine Complex, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Ld	Lawet Variant Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.24	3	3	3
Le	Leshara Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Lg	Lex Loam, 0 to 1 Percent Slopes	4	86	0.28	3	3	3
Lk	Lex Clay Loam, 0 to 1 Percent Slopes	4	86	0.28	3	3	3
Lm	Lex Variant Loam, 0 to 1 Percent Slopes	4	56	0.28	3	3	3
LoB	Libory Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Lp	Lockton Loam, 0 to 1 Percent Slopes	4	56	0.28	3	3	3
LrB	Loretto Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
LvD	Loretto-Valentine Complex, 3 to 9 Percent Slopes	5	86	0.2	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Merrick County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ma	Marlake Loamy Sand, 0 to 1 Percent Slopes	2	0	0.2	3	3	3
MdD	Meadin Sandy Loam, 2 to 9 Percent Slopes	3	86	0.2	3	2	2
Me	Merrick Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
Nv	Novina Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Om	O'Neill Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
OmC	O'Neill Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
On	O'Neill Loam, 0 to 1 Percent Slopes	4	56	0.28	3	3	3
Ow	Ovina Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
Pt	Platte Loam, 0 to 2 Percent Slopes	3	86	0.28	3	3	3
Pv	Platte Loam, Wet, 0 to 1 Percent Slopes	3	56	0.28	3	3	3
PwB	Platte-Alda Loams, Channeled, 0 to 3 Percent Slopes	3	56	0.28	3	3	3
PxB	Platte-Gothenburg Complex, Channeled, 0 to 3 Percent Slopes	3	86	0.2	3	3	3
Ru	Rusco Silt Loam, 0 to 2 Percent Slopes	5	56	0.32	3	3	3
Sm	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
ThB	Thurman Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
ThC	Thurman Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
VbD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	2	1
VbE	Valentine Fine Sand, 9 to 20 Percent Slopes	5	250	0.15	1	2	1
VcB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
VcD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	3	2	2
VeB	Valentine-Boelus Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
VeD	Valentine-Boelus Loamy Fine Sands, 3 to 9 Percent Slopes	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Wb	Wann Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Wm	Wann Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Morrill County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.6 R Factor = 50 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
AaB	Alice Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
AcB	Alice Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
AcC	Alice Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
AcD2	Alice Fine Sandy Loam, 6 to 9 Percent Slopes, Eroded	5	86	0.2	1	3	1
AdB	Alice-Dix Complex, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
AdC	Alice-Dix Complex, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
AdE	Alice-Dix Complex, 6 to 20 Percent Slopes	5	86	0.2	1	2	1
AhD	Altvan-Dix Complex, 3 to 9 Percent Slopes	4	56	0.28	1	3	1
AnC	Angora Very Fine Sandy Loam, 1 to 6 Percent Slopes	5	86	0.37	1	3	1
AnE	Angora Very Fine Sandy Loam, 6 to 20 Percent Slopes	5	86	0.37	1	2	1
Ba	Bankard Loamy Coarse Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bb	Bankard Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bc	Bankard Fine Sand, Channeled	5	220	0.15	1	3	1
Be	Barney Loam, 0 to 1 Percent Slopes	2	86	0.28	1	3	1
Bg	Bridget Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
BgB	Bridget Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
BgC	Bridget Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
BgD	Bridget Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	3	1
BgE	Bridget Very Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.32	1	2	1
BtC	Busher Loamy Very Fine Sand, 1 to 6 Percent Slopes	5	86	0.2	1	3	1
BtE	Busher Loamy Very Fine Sand, 9 to 20 Percent Slopes	5	86	0.2	1	2	1
BuC	Busher Very Fine Sandy Loam, 1 to 6 Percent Slopes	5	86	0.32	1	3	1
BuD	Busher Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	3	1
BuE	Busher Very Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.32	1	2	1
BxD	Busher-Tassel Loamy Very Fine Sandy, 3 to 9 Percent Slopes	5	86	0.2	1	3	1
BxE	Busher-Tassel Loamy Very Fine Sands, 9 to 20 Percent Slopes	5	86	0.2	1	2	1
Cf	Craft Loamy Very Fine Sand, 0 to 2 Percent Slopes	5	134	0.24	1	3	1
Cg	Craft Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
Ch	Craft Very Fine Sandy Loam, Alkali, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
CrC	Creighton Very Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.32	1	3	1
DbB	Dailey Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DbD	Dailey Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
DsG	Dix Loamy Coarse Sand, 6 to 50 Percent Slopes	2	0	0.17	3	2	2
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DuD	Dunday Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
Dw	Duroc Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
DwB	Duroc Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
DwC	Duroc Loam, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
Ef	Els Fine Sand, 0 to 2 Percent Slopes	5	220	0.15	1	3	1
Eh	Els Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
EkF	Epping-Keota Silt Loams, 3 to 30 Percent Slopes	2	86	0.43	1	2	1
Gn	Gering Loam, Alkali, 0 to 1 Percent Slopes	4	86	0.28	1	3	1
Gr	Glenberg Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Gs	Glenberg Very Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Gt	Gothenburg Loamy Sand, 0 to 2 Percent Slopes	2	134	0.17	1	3	1
Hf	Hoffland Fine Sandy Loam, 0 to 1 Percent Slopes	5	0	0.2	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Morrill County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Hg	Hoffland Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
Ja	Janise Loam, 0 to 1 Percent Slopes	5	86	0.43	1	3	1
JmB	Jayem Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
JmC	Jayem Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
JnB	Jayem Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
JnC	Jayem Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
JnD	Jayem Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.2	1	3	1
JnE	Jayem Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.2	1	2	1
Ke	Keith Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
KeB	Keith Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
KeC	Keith Loam, 3 to 6 Percent Slopes	5	48	0.28	3	3	3
KeC2	Keith Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.28	3	3	3
KeD2	Keith Loam, 6 to 9 Percent Slopes, Eroded	5	48	0.28	3	3	3
Ls	Lisco Very Fine Sandy Loam, 0 to 2 Percent Slopes	5	56	0.37	3	3	3
Ma	Marlake Fine Sandy Loam, 0 to 1 Percent Slopes	2	0	0.2	3	3	3
Mc	McCook Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
Mp	Minatare-Janise Complex, 0 to 1 Percent Slopes	1	86	0.43	1	3	1
Mt	Mitchell Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.43	1	3	1
MtB	Mitchell Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.43	1	3	1
MtC	Mitchell Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.43	1	3	1
MtD	Mitchell Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.43	1	3	1
MtE	Mitchell Very Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.43	1	2	1
MyD	Mitchell-Epping Very Fine Sandy Loams, 3 to 9 Percent Slopes	5	86	0.43	1	3	1
MyE	Mitchell-Epping Very Fine Sandy Loams, 9 to 20 Percent Slopes	5	86	0.43	1	2	1
OcD	Oglala-Canyon Very Fine Sandy Loams, 3 to 9 Percent Slopes	5	86	0.32	1	3	1
OfC	Otero Loamy Very Fine Sand, 0 to 6 Percent Slopes	5	134	0.2	1	3	1
OfE	Otero Loamy Very Fine Sand, 9 to 20 Percent Slopes	5	134	0.2	1	2	1
OtB	Otero Very Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.37	1	3	1
OtC	Otero Very Fine Sandy Loam, 3 to 7 Percent Slopes	5	86	0.37	1	3	1
OtD	Otero Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.37	1	3	1
Ov	Otero Variant Very Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.37	1	3	1
Pb	Pits and Dumps	0	0	0	2	2	2
Pt	Platte Loam, 0 to 1 Percent Slopes	3	86	0.28	1	3	1
ReG	Rock Outcrop-Epping Complex, 20 to 60 Percent Slopes	0	0	0	2	2	2
RtG	Rock Outcrop-Tassel Complex, 20 to 60 Percent Slopes	0	0	0	2	2	2
SbD	Sarben Loamy Very Fine Sand, 3 to 9 Percent Slopes	5	86	0.24	1	3	1
SbE	Sarben Loamy Very Fine Sand, 9 to 17 Percent Slopes	5	86	0.24	1	2	1
ScB	Sarben Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.37	1	3	1
ScD	Sarben Very Fine Sandy Loam, 3 to 9 Percent Slopes	5	86	0.37	1	3	1
TaG	Tassel Loamy Very Fine Sand, 20 to 50 Percent Slopes	2	134	0.24	1	1	1
TbF	Tassel-Busher Loamy Very Fine Sands, 3 to 30 Percent Slopes	2	134	0.24	1	2	1
TcG	Tassel-Busher-Rock Outcrop Complex, 11 to 60 Percent Slopes	2	86	0.24	1	1	1
Tr	Tripp Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
TrB	Tripp Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
TrC	Tripp Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
TrC2	Tripp Very Fine Sandy Loam, 3 to 6 Percent Slopes, Eroded	5	86	0.32	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Morrill County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.6 R Factor = 50 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
TrD	Tripp Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	3	1
TrD2	Tripp Very Fine Sandy Loam, 6 to 9 Percent Slopes, Eroded	5	86	0.32	1	3	1
VaD	Valent Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valent Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valent Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VdB	Valent Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VdD	Valent Loamy Fine Sandy, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VnD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VnE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VnF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VnG	Valentine Fine Sand, Hilly	5	250	0.15	1	2	1
VtB	Vetal Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
W	Water	0	0	0	2	2	2
Wb	Wildhorse Sand, 0 to 2 Percent Slopes	3	220	0.15	1	3	1
Wc	Wildhorse Loamy Fine Sand, 0 to 2 Percent Slopes	3	134	0.15	1	3	1
Yo	Yockey Silt Loam, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
Yp	Yockey Silt Loam, Alkali, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
Yx	Yockey Very Fine Sandy Loam, Channeled	5	86	0.37	1	3	1
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Nance County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Hy	Hord Very Fine Sandy Loam, Imperfectly Drained, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
2La	Lamoure Silt Loam, Moderately Saline	5	86	0.32	3	3	3
2Le	Leshara Silt Loam, Moderately Saline	5	86	0.28	3	3	3
2MA	Moody-Anselmo Complex, Depressional	5	86	0.32	3	3	3
2Ne	Newman Loamy Fine Sand, Imperfectly Drained, 0 to 1 Percent Slopes	5	134	0.17	3	3	3
2Or	Ortello Fine Sandy Loam, Imperfectly Drained, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
2Os	Ortello Very Fine Sandy Loam, Imperfectly Drained, 0 to 1 Percent Slop	5	86	0.2	3	3	3
2Sf	Sarpy Fine Sandy Loam, Imperfectly Drained	5	86	0.24	3	3	3
2Sg	Sarpy Loamy Fine Sand, Imperfectly Drained	5	134	0.17	3	3	3
2Wn	Wann Silt Loam, Moderately Saline	5	86	0.32	3	3	3
Be	Belfore Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
BeA	Belfore Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
BeA2	Belfore Silt Loam, 1 to 3 Percent Slopes, Eroded	5	48	0.32	3	3	3
Ca	Cass Silt Loam	5	56	0.28	3	3	3
CfC	Crofton Silt Loam, 7 to 12 Percent Slopes	5	86	0.43	3	1	1
CfC3	Crofton Silt Loam, 7 to 12 Percent Slopes, Severely Eroded	5	86	0.43	3	1	1
CfD	Crofton Silt Loam, 12 to 17 Percent Slopes	5	86	0.43	3	1	1
CfD3	Crofton Silt Loam, 12 to 17 Percent Slopes, Severely Eroded	5	86	0.43	3	1	1
CfE	Crofton Silt Loam, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
CfE3	Crofton Silt Loam, 17 to 30 Percent Slopes, Severely Eroded	5	86	0.43	3	1	1
Cs	Cass Fine Sandy Loam	5	86	0.2	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaA	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HaB	Hall Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HaB2	Hall Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
HE	Hall-Exline Silt Loams, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hr	Hord Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
HrA	Hord Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
HrB	Hord Fine Sandy Loam, 3 to 7 Percent Slopes	5	86	0.2	3	3	3
Hy	Hord Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HyA	Hord Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HyB	Hord Very Fine Sandy Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
JuA	Judson Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
JuB	Judson Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
Lb	Lamoure Silty Clay Loam	5	38	0.32	3	3	3
Le	Leshara Silt Loam	5	48	0.32	3	3	3
Lh	Loess Hills and Bluffs	5	86	0.43	3	1	1
Lo	Loup Fine Sandy Loam	5	0	0.2	3	3	3
Lp	Loup Silt Loam	5	0	0.24	3	3	3
MAA	Moody-Anselmo Complex, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
MAB	Moody-Anselmo Complex, 3 to 7 Percent Slopes	5	86	0.2	3	3	3
Mc	McPaul Silt Loam	5	86	0.37	3	3	3
Me	Meadin Loamy Fine Sand, 0 to 1 Percent Slopes	3	134	0.17	1	3	1
MNB	Moody-Nora Silt Loams, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
MNB2	Moody-Nora Silt Loams, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Nance County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
MNB3	Moody-Nora Silt Loams, 3 to 7 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
NAC2	Nora-Anselmo Complex, 7 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
NAC3	Nora-Anselmo Complex, 7 to 12 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
NAD3	Nora-Anselmo Complex, 12 to 17 Percent Slopes, Severely Eroded	5	48	0.32	3	1	1
NCD	Nora-Crofton Silt Loams, 12 to 17 Percent Slopes	5	48	0.32	3	1	1
NCD2	Nora-Crofton Silt Loams, 12 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
NCD3	Nora-Crofton Silt Loams, 12 to 17 Percent Slopes, Severely Eroded	5	48	0.32	3	1	1
NeA	Newman Loamy Fine Sand, 1 to 3 Percent Slopes	5	134	0.17	3	3	3
NeA2	Newman Loamy Fine Sand, 1 to 3 Percent Slopes, Eroded	5	134	0.17	3	3	3
NeB2	Newman Loamy Fine Sand, 3 to 7 Percent Slopes, Eroded	5	134	0.17	3	3	3
NoC	Nora Silt Loam, 7 to 12 Percent Slopes	5	48	0.32	3	2	2
NoC2	Nora Silt Loam, 7 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoC3	Nora Silt Loam, 7 to 12 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
NuC3	Nuckolls Silty Clay Loam, 7 to 12 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
NuD3	Nuckolls Silty Clay Loam, 12 to 17 Percent Slopes, Severely Eroded	5	38	0.32	3	1	1
OnA	O'Neill Fine Sandy Loam, 1 to 3 Percent Slopes	4	86	0.2	3	3	3
OrA	Ortello Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
OrA2	Ortello Fine Sandy Loam, 1 to 3 Percent Slopes, Eroded	5	86	0.2	3	3	3
OrB	Ortello Fine Sandy Loam, 3 to 7 Percent Slopes	5	86	0.2	3	3	3
OrB2	Ortello Fine Sandy Loam, 3 to 7 Percent Slopes, Eroded	5	86	0.2	3	3	3
OsA	Ortello Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
Ra	Rauville Soils	5	0	0.32	3	3	3
Ro	Rokeby Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Rw	Riverwash	2	134	0.17	1	3	1
Sa	Sarpy Fine Sand	5	220	0.15	1	3	1
Sf	Sarpy Fine Sandy Loam	5	86	0.24	3	3	3
Sg	Sarpy Loamy Fine Sand	5	134	0.17	3	3	3
Sx	Sandy Alluvial Land	5	134	0.15	3	3	3
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
TAA	Thurman-Anselmo Fine Sandy Loams, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
TAA2	Thurman-Anselmo Fine Sandy Loams, 1 to 3 Percent Slopes, Eroded	5	86	0.2	3	3	3
TAB2	Thurman-Anselmo Fine Sandy Loams, 3 to 7 Percent Slopes, Eroded	5	86	0.2	3	3	3
TAC2	Thurman-Anselmo Fine Sandy Loams, 7 to 12 Percent Slopes, Eroded	5	86	0.2	3	2	2
ThA	Thurman Loamy Fine Sand, 1 to 3 Percent Slopes	5	134	0.17	3	3	3
ThA2	Thurman Loamy Fine Sand, 1 to 3 Percent Slopes, Eroded	5	134	0.17	3	3	3
ThB	Thurman Loamy Fine Sand, 3 to 7 Percent Slopes	5	134	0.17	3	3	3
ThB2	Thurman Loamy Fine Sand, 3 to 7 Percent Slopes, Eroded	5	134	0.17	3	3	3
ThB3	Thurman Loamy Fine Sand, 3 to 7 Percent Slopes, Severely Eroded	5	134	0.17	3	3	3
VaC	Valentine Fine Sand, 3 to 17 Percent Slopes	5	250	0.15	1	2	1
VaC2	Valentine Fine Sand, 3 to 17 Percent Slopes, Eroded	5	250	0.15	1	2	1
VbC	Valentine Loamy Fine Sand, 3 to 17 Percent Slopes	5	134	0.17	3	2	2
Vs	Very Sandy Alluvial Land	2	134	0.17	1	3	1
W	Water	0	0	0	2	2	2
Wb	Wann Fine Sandy Loam	5	86	0.2	3	3	3
Wn	Wann Silt Loam	5	56	0.28	3	3	3
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Nemaha County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Aa	Ackmore Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Ab	Albaton Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
BfD2	Benfield-Kipson Silty Clay Loams, 6 to 11 Percent Slopes, Eroded	3	38	0.37	3	1	1
BfF	Benfield-Kipson Silty Clay Loams, 11 to 30 Percent Slopes	3	38	0.37	3	1	1
Bn	Blencoe Silty Clay, Clayey Substratum, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
BrE	Burchard Clay Loam, 11 to 15 Percent Slopes	5	48	0.28	3	1	1
Co	Colo Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
Gn	Grable Very Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.32	3	3	3
GyD2	Gymer Silty Clay Loam, 5 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
Hb	Haynie Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
Hd	Haynie Silty Clay, Overwash, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Ju	Judson Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
JuC	Judson Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KnB	Kennebec-Nodaway Silt Loams, 0 to 4 Percent Slopes	5	48	0.32	3	3	3
MaD2	Malcolm Silt Loam, 5 to 11 Percent Slopes, Eroded	5	56	0.32	3	2	2
McC	Marshall Silty Clay Loam, 2 to 5 Percent Slopes	5	38	0.32	3	2	2
McC2	Marshall Silty Clay Loam, 2 to 5 Percent Slopes, Eroded	5	38	0.32	3	2	2
McD2	Marshall Sitly Clay Loam, 5 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MeC2	Mayberry Clay, 3 to 9 Percent Slopes, Eroded	3	86	0.37	3	2	2
MmC2	Monona Silt Loam, 2 to 5 Percent Slopes, Eroded	5	48	0.32	3	2	2
MmD2	Monona Silt Loam, 5 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnD2	Monona-Ida Silt Loams, 5 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnE2	Monona-Ida Silt Loams, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
MnF2	Monona-Ida Silt Loams, 17 to 30 Percent Slopes, Eroded	5	48	0.32	3	1	1
MnG	Monona-Ida Silt Loams, 30 to 60 Percent Slopes	5	48	0.32	3	1	1
MpG	Monona-Kipson Complex, 30 to 70 Percent Slopes	5	48	0.32	3	1	1
MrD2	Morrill Clay Loam, 5 to 11 Percent Slopes, Eroded	5	48	0.28	3	2	2
Mv	Moville Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Nc	Nodaway Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Nf	Nodaway Silt Loam, Channeled	5	48	0.37	3	3	3
Ng	Nodaway-Colo Silt Loams, 0 to 2 Percent Slopes	5	48	0.37	3	3	3
Oc	Onawa Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
On	Onawa Silty Clay, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
PaC	Pawnee Clay Loam, 3 to 9 Percent Slopes	4	48	0.37	3	2	2
PbC2	Pawnee Clay, 3 to 9 Percent Slopes, Eroded	3	48	0.37	3	2	2
Pe	Percival-Albaton Silty Clays, 0 to 2 Percent Slopes	4	86	0.28	3	3	3
Pt	Pits, Quarries	0	0	0	2	2	2
SaB	Sarpy Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
SbB	Sarpy-Haynie Complex, 0 to 3 Percent Slopes	5	134	0.15	3	3	3
Sh	Sharpsburg Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
ShC	Sharpsburg Silty Clay Loam, 2 to 5 Percent Slopes	5	38	0.32	3	2	2
ShC2	Sharpsburg Silty Clay Loam, 2 to 5 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShD2	Sharpsburg Silty Clay Loam, 5 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
SkD	Shelby Clay Loam, 5 to 11 Percent Slopes	5	48	0.28	3	2	2
SkF	Shelby Clay Loam, 15 to 30 Percent Slopes	5	48	0.28	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Nemaha County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
SvF	Sogn-Kipson Complex, 6 to 30 Percent Slopes	1	86	0.32	1	1	1
Ud	Udorthents Silty Clay Loam	0	0	0	2	2	2
W	Water	0	0	0	2	2	2
Wc	Wabash Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Wd	Wabash Silty Clay, 0 to 1 Percent Slopes, Depressional	5	86	0.28	3	3	3
Wt	Wymore Silty Clay Loam, 0 to 2 Percent Slopes	4	38	0.37	3	3	3
WtC	Wymore Silty Clay Loam, 2 to 7 Percent Slopes	4	38	0.37	3	2	2
WyC2	Wymore Silty Clay, 2 to 7 Percent Slopes, Eroded	4	86	0.37	3	2	2
Zh	Zoe-Zook Silty Clay Loams, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Zk	Zook Silt Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
Zo	Zook Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
zq	Pits and Quarries	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Nuckolls County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Ca	Cass Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
Co	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Cr	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fo	Fillmore Silt Loam, Drained, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
GaC	Geary Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
GaD	Geary Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
GeC2	Geary Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GfF	Geary Complex, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
GfF3	Geary Complex, 11 to 30 Percent Slopes, Severely Eroded	5	48	0.32	3	1	1
GgC	Geary and Jansen Silt Loams, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
GhD2	Geary and Jansen Soils, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GhF	Geary and Jansen Soils, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
Gn	Gibbon Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hb	Hall Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hc	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HcB	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HcC	Hastings Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HdC2	Hastings Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HeB	Hobbs Silt Loam, Channeled, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
Hf	Hobbs Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HgB	Holder Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HgC	Holder Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HgD	Holder Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
HhC2	Holder Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HhD2	Holder Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Hr	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HrC	Hord Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Ig	Inavale Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
In	Inavale Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
KsF	Kipson Silt Loam, 6 to 30 Percent Slopes	2	86	0.32	1	1	1
Ma	Marsh	3	0	0.37	3	3	3
Mb	McCook Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	3	3	3
Mc	McCook Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
MdF	Meadin Loam, 6 to 30 Percent Slopes	3	56	0.28	3	1	1
Mu	Munjor Soils, 0 to 2 Percent Slopes	5	86	0.24	3	3	3
Sa	Saline-Alkali Land	5	48	0.32	3	3	3
Sb	Sandy Alluvial Land	5	210	0.15	1	3	1
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
UyF	Uly Silt Loam, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
UyF2	Uly Silt Loam, 11 to 30 Percent Slopes, Eroded	5	48	0.32	3	1	1
W	Water	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Nuckolls County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Wb	Wann Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Wm	Wann Loam, 0 to 2 Percent Slopes	5	56	0.28	3	3	3
zp	Gravel Pits	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Otoe County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Albaton Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Co	Colo Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
DcD	Dickinson Fine Sandy Loam, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
DcF	Dickinson Fine Sandy Loam, 11 to 20 Percent Slopes	4	86	0.2	3	1	1
Ha	Haynie Silt Loam, 0 to 2 Percent Slopes	5	86	0.37	3	3	3
Ju	Judson Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
JuC	Judson Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
KnB	Kennebec-Nodaway Silt Loams, 0 to 4 Percent Slopes	5	48	0.32	3	3	3
KpF	Kipson-Benfield Complex, 6 to 20 Percent Slopes	2	86	0.32	3	1	1
MaD	Malcolm Silt Loam, 5 to 11 Percent Slopes	5	56	0.32	3	2	2
MaD2	Malcolm Silt Loam, 5 to 11 Percent Slopes, Eroded	5	56	0.32	3	2	2
MaF	Malcolm Silt Loam, 11 to 25 Percent Slopes	5	56	0.32	3	1	1
MhC	Marshall Silty Clay Loam, 2 to 5 Percent Slopes	5	38	0.32	3	2	2
MhD2	Marshall Silty Clay Loam, 5 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MkE	Marshall-Ponca Silt Loams, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
MmC	Mayberry Clay Loam, 3 to 9 Percent Slopes	4	48	0.37	3	2	2
MoC	Monona Silt Loam, 2 to 5 Percent Slopes	5	48	0.32	3	2	2
MoF	Monona Silt Loam, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
MpG	Monona-Shelby-Kipson Complex, 30 to 70 Percent Slopes	5	48	0.32	3	1	1
MrD	Morrill Clay Loam, 5 to 11 Percent Slopes	5	48	0.28	3	2	2
MsC3	Morrill-Mayberry Complex, 3 to 9 Percent Slopes, Severely Eroded	5	48	0.28	3	2	2
Nc	Nodaway Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Nd	Nodaway-Colo Complex, 0 to 2 Percent Slopes	5	48	0.37	3	3	3
Oc	Onawa Silt Loam, Overwash, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
On	Onawa Silty Clay, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
PaC	Pawnee Clay Loam, 3 to 9 Percent Slopes	4	48	0.37	3	2	2
PaD	Pawnee Clay Loam, 9 to 12 Percent Slopes	4	48	0.37	3	1	1
PbC2	Pawnee Clay, 3 to 9 Percent Slopes, Eroded	3	86	0.37	3	2	2
PbD2	Pawnee Clay, 9 to 12 Percent Slopes, Eroded	3	86	0.37	3	1	1
Pf	Pits	0	0	0	2	2	2
PwD2	Ponca-Dow Silt Loams, 5 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
PwE2	Ponca-Dow Silt Loams, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
SaB	Sarpy-Haynie Complex, 0 to 3 Percent Slopes	5	220	0.15	3	3	3
Sh	Sharpsburg Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
ShC	Sharpsburg Silty Clay Loam, 2 to 5 Percent Slopes	5	38	0.32	3	2	2
ShC2	Sharpsburg Silty Clay Loam, 2 to 5 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShD2	Sharpsburg Silty Clay Loam, 5 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
SkF	Shelby Clay Loam, 15 to 30 Percent Slopes	5	48	0.28	3	1	1
SrE	Shelby and Burchard Clay Loams, 9 to 15 Percent Slopes	5	48	0.28	3	1	1
StF	Steinauer Clay Loam, 11 to 20 Percent Slopes	5	86	0.32	3	1	1
W	Water	0	0	0	2	2	2
Wa	Wabash Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Wt	Wymore Silty Clay Loam, 0 to 2 Percent Slopes	4	38	0.37	3	3	3
WtC2	Wymore Silty Clay, 2 to 7 Percent Slopes, Eroded	4	86	0.37	3	2	2
Zh	Zoe Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Otoe County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Zo	Zook Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Pawnee County, Nebraska

1990 Frozen Factors
C Factor = 0.15
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
BbC2	Benfield Silty Clay Loam, 3 to 9 Percent Slopes, Eroded	3	38	0.37	3	2	2
BcC3	Benfield Soils, 3 to 9 Percent Slopes, Severely Eroded	3	38	0.37	3	2	2
BdD	Burchard Clay Loam, 5 to 12 Percent Slopes	5	48	0.28	3	2	2
BdE	Burchard Clay Loam, 12 to 17 Percent Slopes	5	48	0.28	3	1	1
Bu	Butler Silt Loam	4	48	0.37	3	3	3
Ck	Colo and Kennebec Soils, Occasionally Flooded	5	38	0.28	3	3	3
Cr	Crete Silt Loam, Terrace	4	48	0.37	3	3	3
JuC	Judson Silt Loam, 1 to 5 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam	5	48	0.32	3	3	3
KfE	Kipson-Benfield Silty Clay Loams, 5 to 17 Percent Slopes	2	86	0.32	3	1	1
KsF	Kipson-Sogn Complex	2	86	0.32	3	1	1
McD	Malcolm Complex, 5 to 12 Percent Slopes	5	56	0.32	3	2	2
McF	Malcolm Complex, 12 to 25 Percent Slopes	5	56	0.32	3	1	1
MdC	Mayberry Loam, 3 to 9 Percent Slopes	4	48	0.37	3	2	2
MeC2	Mayberry Clay Loam, 3 to 9 Percent Slopes, Eroded	4	48	0.37	3	2	2
MfC3	Mayberry Soils, 3 to 9 Percent Slopes, Severely Eroded	3	86	0.37	3	2	2
MrC	Morrill Loam, 3 to 5 Percent Slopes	5	48	0.28	3	2	2
MrD	Morrill Loam, 5 to 12 Percent Slopes	5	48	0.28	3	2	2
MrE	Morrill Loam, 12 to 17 Percent Slopes	5	48	0.28	3	1	1
MsD3	Morrill Soils, 5 to 12 Percent Slopes, Severely Eroded	5	48	0.28	3	2	2
MsE3	Morrill Soils, 12 to 17 Percent Slopes, Severely Eroded	5	48	0.28	3	1	1
PaB	Pawnee Loam, 0 to 3 Percent Slopes	4	48	0.37	3	3	3
PaC	Pawnee Loam, 3 to 9 Percent Slopes	4	48	0.37	3	2	2
PnC2	Pawnee Clay Loam, 3 to 9 Percent Slopes, Eroded	4	48	0.37	3	2	2
PsC3	Pawnee Soils, 3 to 9 Percent Slopes, Severely Eroded	3	86	0.37	3	2	2
PwD3	Pawnee and Mayberry Soils, 9 to 12 Percent Slopes, Severely Eroded	3	86	0.37	3	1	1
Rg	Rough Broken and Gullied Land	3	86	0.43	3	1	1
SbD	Shelby Clay Loam, 5 to 12 Percent Slopes	5	48	0.28	3	2	2
SkE	Shelby and Burchard Clay Loams, 12 to 17 Percent Slopes	5	48	0.28	3	1	1
StD	Steinauer Clay Loam, 5 to 12 Percent Slopes	5	86	0.32	3	2	2
StF	Steinauer Clay Loam, 12 to 21 Percent Slopes	5	86	0.32	3	1	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
W	Water	0	0	0	2	2	2
Wa	Wabash Silty Clay Loam	5	38	0.28	3	3	3
Ws	Wabash Silty Clay	5	86	0.28	3	3	3
Wx	Wet Alluvial Land	5	0	0.28	3	3	3
WyB	Wymore Silty Clay Loam, 0 to 3 Percent Slopes	4	38	0.37	3	3	3
WyC	Wymore Silty Clay Loam, 3 to 7 Percent Slopes	4	38	0.37	3	2	2
WyC2	Wymore Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	4	38	0.37	3	2	2
WzC3	Wymore Soils, 3 to 7 Percent Slopes, Severely Eroded	4	86	0.37	3	2	2
zq	Pits and Quarries	0	0	0	2	2	2
zw	Water, Undifferentiated (Stream Channels)	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Perkins County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ac	Alliance Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
AcB	Alliance Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
AfB	Altvan Loam, 1 to 3 Percent Slopes	4	56	0.28	1	3	1
AfC	Altvan Loam, 3 to 6 Percent Slopes	4	56	0.28	1	3	1
AhF	Altvan-Dix Complex, 6 to 30 Percent Slopes	4	56	0.28	1	2	1
AsB	Ascalon Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
AsC	Ascalon Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
Ba	Bankard Loamy Sand, Channeled, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
BeB	Blanche Fine Sandy Loam, 0 to 3 Percent Slopes	4	86	0.2	1	3	1
ChF	Colby-Ulysses Silt Loams, 9 to 20 Percent Slopes	5	86	0.43	1	1	1
CmF2	Colby-Ulysses Silt Loams, 9 to 20 Percent Slopes, Eroded	5	86	0.43	1	1	1
CrB	Creighton Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
CrC	Creighton Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
DaB	Dailey Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DuC	Duda-Tassel Complex, 3 to 6 Percent Slopes	4	134	0.17	1	3	1
Gb	Gannett Variant Silt Loam, 0 to 2 Percent Slopes	5	0	0.28	3	3	3
Gf	Gibbon Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
HdB	Haxtun Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
JaB	Jayem Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
JcB	Jayem Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
JcC	Jayem Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
KeB	Keith Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
KeC2	Keith Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
Ku	Kuma Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
KuB	Kuma Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
Ma	Mace Silt Loam, 0 to 1 Percent Slopes	4	48	0.32	3	3	3
MaB	Mace Silt Loam, 1 to 3 Percent Slopes	4	48	0.32	3	3	3
Mb	McCash Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
Md	McCook Silt Loam, Occasionally Flooded, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Rs	Rosebud Loam, 0 to 1 Percent Slopes	4	48	0.28	3	3	3
RsB	Rosebud Loam, 1 to 3 Percent Slopes	4	48	0.28	3	3	3
RtB	Rosebud-Canyon Loams, 0 to 3 Percent Slopes	4	48	0.28	3	3	3
RtC	Rosebud-Canyon Loams, 3 to 6 Percent Slopes	4	48	0.28	3	3	3
RtD2	Rosebud-Canyon Loams, 6 to 11 Percent Slopes, Eroded	4	48	0.28	3	2	2
SaC	Sarben Loamy Very Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	1	3	1
SaD	Sarben Loamy Very Fine Sand, 6 to 9 Percent Slopes	5	134	0.17	1	3	1
Sb	Satanta Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
SbB	Satanta Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
SbC	Satanta Loam, 3 to 6 Percent Slopes	5	48	0.28	3	3	3
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	1	3	1
SfB	Satanta Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
SfC	Satanta Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
TaF	Tassel-Duda Loamy Sands, 6 to 30 Percent Slopes	2	134	0.17	1	2	1
UsC2	Ulysses-Colby Silt Loams, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
UsD2	Ulysses-Colby Silt Loams, 6 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
VaF	Valent Sand, Rolling	5	250	0.15	1	2	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Perkins County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
VaG	Valent Sand, Rolling and Hilly	5	250	0.15	1	2	1
VcB	Valent Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VcD	Valent Loamy Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VeB	Vetal Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
W	Water	0	0	0	2	2	2
WoB	Woodly Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
WpB	Woodly Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Phelps County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Ag	Anselmo Very Fine Sandy Loam, Terrace, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
2AnA	Anselmo Fine Sandy Loam, Terrace, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
2Bu	Butler Silt Loam, Depressional	4	48	0.37	3	3	3
2Hb	Hobbs Silt Loam, Overwash	5	48	0.32	3	3	3
2Hd	Hord Silt Loam, Terrace	5	48	0.32	3	3	3
2KC	Kenesaw and Coly Silt Loams, Hummocky	5	48	0.32	3	2	2
2KC2	Kenesaw and Coly Silt Loams, Hummocky, Eroded	5	48	0.32	3	2	2
2KsA	Kenesaw Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
2Le	Leshara Silt Loam, Saline	5	48	0.32	3	3	3
2Md	Meadin Loamy Sand, Terrace, 0 to 2 Percent Slopes	3	134	0.17	1	3	1
2Mw	Meadin Silt Loam, Terrace, 0 to 1 Percent Slopes	3	86	0.32	1	3	1
2PW	Platte-Wann Complex, Channeled	3	86	0.28	1	3	1
2Th	Thurman Loamy Fine Sand, Terrace, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
2Wm	Wann Loam, Saline	5	86	0.28	3	3	3
Ag	Anselmo Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
AnA	Anselmo Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
AnB	Anselmo Fine Sandy Loam, Hummocky	5	86	0.2	3	3	3
AnB2	Anselmo Fine Sandy Loam, Hummocky, Eroded	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 7 to 10 Percent Slopes	5	86	0.2	3	2	2
Bu	Butler Silt Loam	4	48	0.37	3	3	3
CbD	Coly Silt Loam, 10 to 30 Percent Slopes	5	86	0.43	3	1	1
Ce	Crete Silt Loam	4	48	0.37	3	3	3
CKC	Coly and Kenesaw Silt Loams, 7 to 10 Percent Slopes	5	86	0.43	3	1	1
Coz	Cozad Silt Loam	5	48	0.32	3	3	3
Cs	Cass Fine Sandy Loam	5	86	0.2	3	3	3
De	Detroit Silt Loam	5	48	0.37	3	3	3
Gp	Grigston Silt Loam	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam	5	48	0.32	3	3	3
HCC2	Holdrege-Coly Complex, 7 to 10 Percent Slopes, Eroded	5	48	0.32	3	2	2
Hd	Hord Silt Loam	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoA	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoA2	Holdrege Silt Loam, 1 to 3 Percent Slopes, Eroded	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HoB2	Holdrege Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
HoC	Holdrege Silt Loam, 7 to 10 Percent Slopes	5	48	0.32	3	2	2
HwB3	Holdrege Soils, 3 to 7 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
KCA	Kenesaw and Coly Silt Loams, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Ks	Kenesaw Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Le	Leshara Silt Loam	5	48	0.32	3	3	3
Lx	Loamy Alluvial Land	2	86	0.24	1	3	1
M	Marsh	3	0	0.37	3	3	3
On	O'Neill Fine Sandy Loam, 0 to 1 Percent Slopes	4	86	0.2	3	3	3
P	Platte Soils	3	86	0.28	1	3	1
RB	Rough Broken Land, Loess	5	86	0.43	3	1	1
Ru	Rusco Silt Loam	5	56	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Phelps County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
S	Spoil Banks	5	86	0.43	3	2	2
Sc	Scott Silt Loam	3	48	0.37	3	3	3
VcB	Valentine Loamy Sand	5	134	0.17	1	2	1
W	Water	0	0	0	2	2	2
Wb	Wann Fine Sandy Loam	5	86	0.2	3	3	3
Wm	Wann Loam	5	56	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Pierce County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
BaA	Bazile Loam, Terrace, 0 to 1 Percent Slopes	4	48	0.32	3	3	3
BbA	Bazile Silt Loam, 0 to 1 Percent Slopes	4	48	0.32	3	3	3
BbC	Bazile Silt Loam, 1 to 7 Percent Slopes	4	48	0.32	3	2	2
BcA	Bazile Soils, 0 to 1 Percent Slopes	4	86	0.2	3	3	3
BcC	Bazile Soils, 1 to 7 Percent Slopes	4	86	0.2	3	2	2
BdA	Bazile Soils, Terrace, 0 to 1 Percent Slopes	4	86	0.2	3	3	3
BeD2	Betts Loam, 3 to 11 Percent Slopes, Eroded	5	86	0.28	3	2	2
Bn	Blown Out Land	1	250	0.15	1	2	1
BoA	Boelus-Loretto Complex, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
BoC	Boelus-Loretto Complex, 2 to 7 Percent Slopes	5	134	0.17	3	3	3
Bt	Butler Silty Clay Loam	4	38	0.37	3	3	3
Ca	Cass Fine Sandy Loam	5	86	0.2	3	3	3
Cb	Cass Loam	5	56	0.28	3	3	3
Cc	Clamo Silty Clay	5	86	0.28	3	3	3
Cd	Clamo-Slickspots Complex	5	86	0.28	3	3	3
CeC	Clarno Loam, 2 to 7 Percent Slopes	5	48	0.28	3	2	2
CeD	Clarno Loam, 7 to 11 Percent Slopes	5	48	0.28	3	2	2
Cf	Colo Fine Sandy Loam, Overblown	5	86	0.2	3	3	3
Co	Colo Silt Loam	5	48	0.28	3	3	3
CrC2	Crofton Silt Loam, 3 to 7 Percent Slopes, Eroded	5	86	0.43	3	2	2
CrE2	Crofton Silt Loam, 7 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrF	Crofton Silt Loam, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
CsC2	Crofton-Nora Silt Loams, 1 to 7 Percent Slopes, Eroded	5	86	0.43	3	2	2
CsD2	Crofton-Nora Silt Loams, 7 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CsE2	Crofton-Nora Silt Loams, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
EaA	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Fm	Fillmore Complex	4	48	0.37	3	3	3
HaC	Hadar Loamy Fine Sand, 2 to 7 Percent Slopes	5	134	0.17	3	3	3
HaD	Hadar-Thurman Complex, 7 to 11 Percent Slopes	5	134	0.17	3	2	2
Hb	Hobbs Silt Loam	5	48	0.32	3	3	3
Hc	Hobbs Silt Loam, Calcareous	5	48	0.32	3	3	3
Hd	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
He	Hord Silt Loam	5	48	0.32	3	3	3
HhC	Hord-Hobbs Silt Loams, 0 to 7 Percent Slopes	5	48	0.32	3	2	2
Lb	Lamo Silty Clay Loam	5	38	0.32	3	3	3
Lc	Lawet Loam	5	86	0.28	3	3	3
Ld	Lawet-Slickspots Complex	5	86	0.28	3	3	3
Le	Leshara Silt Loam	5	48	0.32	3	3	3
LfC	Longford Loam, 1 to 5 Percent Slopes	5	48	0.28	3	3	3
LgD2	Longford Soils, 2 to 8 Percent Slopes, Eroded	5	48	0.32	3	2	2
LhA	Loretto Fine Sandy Loam, Terrace, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
LkA	Loretto Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
LkC	Loretto Loam, 1 to 7 Percent Slopes	5	48	0.28	3	2	2
Lo	Loup Fine Sandy Loam	5	86	0.2	3	3	3
Lp	Loup Soils	5	0	0.28	3	3	3
Ma	Marsh	2	0	0.2	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Pierce County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
MoA	Moody Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
MoC	Moody Silty Clay Loam, 1 to 7 Percent Slopes	5	38	0.32	3	2	2
NoC	Nora Silt Loam, 1 to 7 Percent Slopes	5	48	0.32	3	2	2
NoD	Nora Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
NoE	Nora Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
NtD	Nora-Thurman Complex, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
NtE	Nora-Thurman Complex, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
Of	Ord Fine Sandy Loam	5	86	0.2	3	3	3
Om	Ord Loam	5	86	0.28	3	3	3
OrA	Ortello Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
OrC	Ortello Fine Sandy Loam, 2 to 7 Percent Slopes	5	86	0.2	3	3	3
OsA	Ortello Fine Sandy Loam, Terrace, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
OtA	Ortello Loam, Terrace, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Ou	Orwet Loam	4	86	0.28	3	3	3
OvA	Ovina Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
OwA	Ovina Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Ox	Ovina-Slickspots Complex	5	86	0.2	3	3	3
PaD	Paka Sandy Loam, 3 to 8 Percent Slopes	5	86	0.2	3	2	2
PkD	Paka Sandy Clay Loam, 3 to 8 Percent Slopes	5	56	0.28	3	2	2
Sx	Sandy Alluvial Land	5	220	0.15	1	3	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
SzD	Simeon Sandy Loam, 3 to 9 Percent Slopes	5	86	0.24	3	2	2
ThA	Thurman Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
ThC	Thurman Loamy Fine Sand, 2 to 7 Percent Slopes	5	134	0.17	3	3	3
TmA	Thurman Loamy Fine Sand, Terrace, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
TnD	Thurman Fine Sandy Loam, 7 to 11 Percent Slopes	5	86	0.2	3	2	2
TvC	Thurman and Valentine Soils, 1 to 7 Percent Slopes	5	134	0.17	3	3	3
Tw	Trent Silty Clay Loam	5	38	0.28	3	3	3
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VtE	Valentine and Thurman Soils, Rolling	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
Wx	Wet Alluvial Land	5	0	0.32	3	3	3
zwb	Water < 40 Acres (Lakes - Intermittent Lakes)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Platte County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
AcC	Alcester Silt Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Ad	Alda Loam, 0 to 2 Percent Slopes	4	48	0.28	3	3	3
Be	Belfore Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Bn	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bo	Boel Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Bp	Boel Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Br	Boel-Inavale Complex, Channeled	5	86	0.28	3	3	3
BsC	Boelus Loamy Fine Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Cp	Colo Silt Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
CrE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CsC2	Crofton-Nora Complex, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
Em	Els Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fp	Fillmore Silt Loam, Ponded	4	48	0.37	3	3	3
Fu	Fluvaquents, Silty	5	0	0.32	3	3	3
GeD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
GeE2	Geary Silty Clay Loam, 11 to 15 Percent Slopes, Eroded	5	38	0.32	3	1	1
GeF	Geary Silty Clay Loam, 15 to 30 Percent Slopes	5	38	0.32	3	1	1
Gk	Gibbon Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Gm	Gibbon-Gayville Silt Loam, 0 to 2 Percent Slopes	5	86	0.32	3	3	3
Go	Gothenburg Soils, 0 to 3 Percent Slopes	2	86	0.24	1	3	1
Gr	Grigston Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Gs	Grigston Silt Loam, Wet Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hf	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
ImB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
ImD	Inavale Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	3	2	2
InB	Inavale Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
Iw	Ipage-Els Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Jm	Janude Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
Jn	Janude Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Kz	Kezan Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
La	Lamo Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Lc	Lamo Silty Clay Loam, Wet, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Ld	Lawet Silt Loam, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Lo	Loup Loam, Wet, 0 to 1 Percent Slopes	5	0	0.28	3	3	3
Me	Merrick Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
Mo	Moody Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
MoB	Moody Silty Clay Loam, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
MoC	Moody Silty Clay Loam, 3 to 6 Percent Slopes	5	38	0.32	3	2	2
MoC2	Moody Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Mp	Moody Silty Clay Loam, Terrace, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MtC2	Moody-Thurman Complex, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Platte County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.2 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
MtD2	Moody-Thurman Complex, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Mu	Muir Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Mx	Muir Silt Loam, Sandy Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
NoC2	Nora Silty Clay Loam, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
NoD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NpD2	Nora-Crofton Complex, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
NpE2	Nora-Crofton Complex, 11 to 15 Percent Slopes, Eroded	5	38	0.32	3	1	1
Nv	Novina Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
On	O'Neill Fine Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
Pd	Pits and Dumps	0	0	0	2	2	2
Pt	Platte Loam, 0 to 2 Percent Slopes	3	86	0.28	3	3	3
Px	Platte-Inavale Complex, Channeled	3	86	0.2	3	3	3
Rw	Riverwash	5	250	0.15	1	3	1
So	Shell Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Sp	Shell Silt Loam, Clayey Substratum, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Sr	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
ThB	Thurman Loamy Fine Sand, 1 to 3 Percent Slopes	5	134	0.17	3	3	3
ThC	Thurman Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
Tx	Thurman Loamy Fine Sand, Loamy Substratum, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Us	Ustorthents, Level	5	250	0.15	1	3	1
UtG	Ustorthents Steep	5	86	0.43	3	1	1
VaC	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	2	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VbC	Valentine-Thurman Complex, 3 to 9 Percent Slopes	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
Wn	Wann Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
Zo	Zook Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
Zp	Zook Silty Clay, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Polk County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Coz	Cozad Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
2CozA	Cozad Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
2CozB	Cozad Silt Loam, Terrace, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
2Lb	Lamo Silty Clay Loam, Sandy Substratum	5	38	0.32	3	3	3
2Le	Leshara Silt Loam, Drained	5	48	0.32	3	3	3
Ax	Alda Fine Sandy Loam	4	86	0.2	3	3	3
Ay	Alda Loam	4	48	0.28	3	3	3
Bdn	Blendon Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
BdnA	Blendon Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	3	3	3
Bu	Butler Silt Loam	4	48	0.37	3	3	3
Ca	Cass Fine Sandy Loam	5	86	0.2	3	3	3
CbD	Coly Silt Loam, 11 to 31 Percent Slopes	5	86	0.43	3	1	1
CosB3	Cozad Soils, 3 to 7 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
CosC3	Cozad Soils, 7 to 11 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
CozB	Cozad Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
CozC	Cozad Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
CS	Cozad-Slickspots Complex, Terrace	5	48	0.32	3	3	3
Da	Darr Fine Sandy Loam	4	86	0.2	3	3	3
Fm	Fillmore Silt Loam	4	48	0.37	3	3	3
GP	Gravel Pits	0	0	0	2	2	2
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HbA	Hobbs Silt Loam, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
HbB	Hobbs Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hg	Holder Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HgA	Holder Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HnB3	Hastings Soils, 3 to 7 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
HnC3	Hastings Soils, 7 to 11 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HsA	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HsB	Hastings Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
IbB	Inavale Loamy Sand, 3 to 7 Percent Slopes	5	134	0.17	3	3	3
Ig	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
IP	Inavale-Platte Complex	5	134	0.17	3	3	3
Le	Leshara Silt Loam	5	48	0.32	3	3	3
MdB	Meadin Loamy Sand, 0 to 5 Percent Slopes	3	134	0.17	1	3	1
On	O'Neill Fine Sandy Loam, 0 to 1 Percent Slopes	4	86	0.2	3	3	3
OrC	Ortello Complex, 7 to 11 Percent Slopes	5	86	0.2	3	2	2
OrC2	Ortello Complex, 7 to 11 Percent Slopes, Eroded	5	86	0.2	3	2	2
OxD	Ortello-Coly Complex, 11 to 31 Percent Slopes	5	86	0.2	3	1	1
Pf	Platte Fine Sandy Loam	3	86	0.2	3	3	3
PL	Platte-Alda Complex	3	86	0.2	3	3	3
RB	Rough Broken Land, Loess	5	86	0.43	3	1	1
Sx	Sandy Alluvial Land	2	210	0.15	1	3	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Polk County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.2 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
TcB	Thurman Loamy Sand, 0 to 5 Percent Slopes	5	134	0.17	3	3	3
TcC	Thurman Loamy Sand, 5 to 11 Percent Slopes	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Wb	Wann Fine Sandy Loam	5	86	0.2	3	3	3
Wx	Wet Alluvial Land-Alda Complex	2	86	0.28	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Red Willow County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Bk	Bayard Loam, Slightly Wet	5	56	0.28	3	3	3
2Gd	Glenberg Fine Sandy Loam, Slightly Wet	5	86	0.2	1	3	1
2Hd	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
2HdA	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
2Lt	Las Loam, Saline-Alkali	5	86	0.24	1	3	1
2Lz	Las Sand, Overwash	5	180	0.15	1	3	1
2Mg	McCook Loam, Overflow	5	86	0.32	1	3	1
Bb	Bankard Fine Sand	5	220	0.15	1	3	1
Bc	Bankard Loamy Fine Sand	5	134	0.17	1	3	1
BCa	Rough Broken Land Caliche	2	86	0.43	1	1	1
Bf	Bayard Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
BfA	Bayard Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
BL	Rough Broken Land, Loess	5	86	0.43	1	1	1
Bn	Barney Silty Clay Loam	2	86	0.28	1	3	1
Br	Bridgeport Silt Loam, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
BrA	Bridgeport Silt Loam, 1 to 3 Percent Slopes	5	56	0.32	3	3	3
BrB	Bridgeport Silt Loam, 3 to 6 Percent Slopes	5	56	0.32	3	3	3
CbCW	Colby Silt Loam, 3 to 9 Percent Slopes	5	86	0.43	1	2	1
CbDW	Colby Silt Loam, 9 to 30 Percent Slopes	5	86	0.43	1	1	1
Gd	Glenberg Fine Sandy Loam	5	86	0.24	1	3	1
GK	Glenberg Loam	5	86	0.32	1	3	1
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hf	Haverson Fine Sandy Loam	5	86	0.2	1	3	1
HK	Holdrege and Keith Silt Loams, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HKA	Holdrege and Keith Silt Loams, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HKA2	Holdrege and Keith Silt Loams, 1 to 3 Percent Slopes, Eroded	5	48	0.32	3	3	3
HKB	Holdrege and Keith Silt Loams, 3 to 6 Percent Slopes	5	48	0.32	3	3	3
HKB2	Holdrege and Keith Silt Loams, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
HSs	Hord-Slickspot Complex	5	48	0.32	3	3	3
Lt	Las Loam	5	48	0.32	3	3	3
MH	McCook and Haverson Loams	5	86	0.32	1	3	1
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
Sy	Broken Alluvial Land	5	48	0.32	3	3	3
UsB2	Ulysses Silt Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	3	3
UsC	Ulysses Silt Loam, 6 to 9 Percent Slopes	5	48	0.32	3	2	2
UsC2	Ulysses Silt Loam, 6 to 9 Percent Slopes, Eroded	5	48	0.32	3	2	2
W	Water	0	0	0	2	2	2
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Richardson County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ak	Albaton Silty Clay	5	86	0.28	3	3	3
BfB2	Benfield Silty Clay Loam, 3 to 9 Percent Slopes, Eroded	3	38	0.37	3	2	2
BKB3	Benfield-Kipson Silty Clay Loams, 3 to 9 Percent Slopes, Severely Erod	3	38	0.37	3	2	2
GeC2	Geary Silty Clay Loam, 5 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC3	Geary Silty Clay Loam, 5 to 12 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
GL	Gullied Land	0	0	0	2	2	2
HA	Haynie and Albaton Soils	5	86	0.37	3	3	3
He	Haynie Silt Loam	5	86	0.37	3	3	3
HS	Haynie and Sarpy Soils	5	86	0.37	3	3	3
Hv	Hobbs Silt Loam	5	48	0.37	3	3	3
IdD2	Ida Silt Loam, 12 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdF2	Ida Silt Loam, 17 to 30 Percent Slopes, Eroded	4	86	0.43	3	1	1
JuA	Judson Silt Loam, 1 to 4 Percent Slopes	5	48	0.28	3	3	3
KBD	Kipson-Benfield Silty Clay Loams, 9 to 17 Percent Slopes	2	86	0.32	3	1	1
Ke	Kennebec Silt Loam	5	48	0.32	3	3	3
KSD	Kipson-Sogn Complex, 3 to 30 Percent Slopes	2	86	0.32	3	1	1
MaA	Marshall Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
MaB	Marshall Silty Clay Loam, 2 to 5 Percent Slopes	5	38	0.32	3	2	2
MaC2	Marshall Silty Clay Loam, 5 to 12 Percent Slopes, Eroded	5	38	0.32	3	2	2
MaC3	Marshall Silty Clay Loam, 5 to 12 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
MC2	Morrill Soils, 5 to 12 Percent Slopes, Eroded	5	48	0.28	3	2	2
MC3	Morrill Soils, 5 to 12 Percent Slopes, Severely Eroded	5	48	0.28	3	2	2
MD	Morrill Soils, 12 to 17 Percent Slopes	5	48	0.28	3	1	1
MnB	Monona Silt Loam, 1 to 5 Percent Slopes	5	48	0.32	3	2	2
MnC	Monona Silt Loam, 5 to 12 Percent Slopes	5	48	0.32	3	2	2
MnC2	Monona Silt Loam, 5 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnD	Monona Silt Loam, 12 to 17 Percent Slopes	5	48	0.32	3	1	1
MnD2	Monona Silt Loam, 12 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
MnF	Monona Silt Loam, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
Nd	Nodaway Silt Loam	5	48	0.32	3	3	3
Oc	Onawa Silty Clay	5	86	0.32	3	3	3
PAC2	Pawnee and Mayberry Clay Loams, 3 to 9 Percent Slopes, Eroded	4	48	0.37	3	2	2
PAD2	Pawnee and Mayberry Clay Loams, 9 to 12 Percent Slopes, Eroded	4	48	0.37	3	1	1
PAD3	Pawnee and Mayberry Clay Loams, 3 to 12 Percent Slopes, Severely Ero	3	86	0.37	3	2	2
RB	Rough Broken Land	5	48	0.43	3	1	1
Sg	Sarpy Loamy Fine Sand	5	134	0.17	3	3	3
ShA	Sharpsburg Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
ShB2	Sharpsburg Silty Clay Loam, 2 to 5 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShC2	Sharpsburg Silty Clay Loam, 5 to 12 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShC3	Sharpsburg Silty Clay Loam, 3 to 12 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
Sy	Silty Alluvial Land	5	48	0.37	3	3	3
SZ	Slickspots-Wabash Complex	5	86	0.32	3	3	3
W	Water	0	0	0	2	2	2
Wa	Wabash Silty Clay	5	86	0.28	3	3	3
Ws	Wabash Silty Clay Loam	5	38	0.28	3	3	3
Wt	Wymore Silty Clay Loam, 0 to 1 Percent Slopes	4	38	0.37	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Richardson County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 175

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
WtA	Wymore Silty Clay Loam, 1 to 3 Percent Slopes	4	38	0.37	3	3	3
WtC	Wymore Silty Clay Loam, 3 to 9 Percent Slopes	4	38	0.37	3	2	2
WtC2	Wymore Silty Clay Loam, 3 to 9 Percent Slopes, Eroded	4	38	0.37	3	2	2
WtD2	Wymore Silty Clay Loam, 9 to 12 Percent Slopes, Eroded	4	38	0.37	3	1	1
WtD3	Wymore Silty Clay Loam, 3 to 12 Percent Slopes, Severely Eroded	4	86	0.37	3	2	2
Wx	Wet Alluvial Land	0	0	0	2	2	2
Zo	Zook Silty Clay Loam	5	38	0.28	3	3	3
zq	Pits and Quarries	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Rock County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 100

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ba	Barney-Boel Complex, Channeled	2	86	0.2	1	3	1
Bm	Boel Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
BpB	Boelus Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
BrD	Brunswick-Tassel Loamy Sands, 3 to 11 Percent Slopes	4	134	0.17	1	2	1
BtF	Brunswick-Tassel Fine Sandy Loams, 11 to 40 Percent Slopes	4	86	0.24	3	1	1
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Eo	Els Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
EpB	Els-Ipage Complex, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
ErC	Els-Ipage-Tryon Loamy Sands, 0 to 6 Percent Slopes	5	134	0.17	1	3	1
Es	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
ExB	Elsmere-Selia Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
IgB	Ipage Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
JsB	Jansen Loamy Sand, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
LcG	Labu-Sansarc Silty Clays, 11 to 40 Percent Slopes	4	86	0.32	3	1	1
LfB	Libory Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Lo	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Lp	Loup Fine Sandy Loam, Wet, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Ma	Marlake Loamy Fine Sand, 0 to 1 Percent Slopes	2	0	0.17	3	3	3
MeB	Meadin Sandy Loam, 0 to 3 Percent Slopes	3	86	0.2	1	3	1
Oe	O'Neill Sandy Loam, 0 to 2 Percent Slopes	4	86	0.2	3	3	3
OeC	O'Neill Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
OhD	O'Neill-Meadin Sandy Loams, 6 to 11 Percent Slopes	4	86	0.2	3	2	2
Or	Ord Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
PtB	Pivot Loamy Sand, 0 to 3 Percent Slopes	4	134	0.17	1	3	1
PvD	Pivot-Valentine Complex, 0 to 9 Percent Slopes	4	134	0.17	1	3	1
SkB	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SmD	Simeon-Meadin Complex, 0 to 9 Percent Slopes	5	134	0.17	1	3	1
SvG2	Simeon-Valentine Sands, 9 to 60 Percent Slopes, Eroded	5	250	0.15	1	2	1
TdG	Tassel-Valentine-Duda Complex, 15 to 70 Percent Slopes	2	134	0.17	1	1	1
Tn	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
To	Tryon Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
TpB	Tryon-Els Loamy Sands, 0 to 3 Percent Slopes	5	0	0.17	3	3	3
VaB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaG	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VbB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VbD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VdD	Valentine-Boelus Fine Sands, 0 to 9 Percent Slopes	5	180	0.15	1	3	1
VfD	Valentine-Els Fine Sands, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
VoB	Vetal Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
W	Water	0	0	0	2	2	2
WeC	Wewela Fine Sandy Loam, 2 to 6 Percent Slopes	4	86	0.2	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Saline County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
BdD	Burchard Clay Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
BdD2	Burchard Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.28	3	2	2
BdE	Burchard Clay Loam, 11 to 15 Percent Slopes	5	48	0.28	3	1	1
BdE2	Burchard Clay Loam, 11 to 15 Percent Slopes, Eroded	5	48	0.28	3	1	1
BsF	Burchard-Steinauer Clay Loams, 11 to 30 Percent Slopes	5	48	0.28	3	1	1
Bt	Butler Silt Loam, Terrace, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Bx	Butler-Gayville Silt Loams, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Cr	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CrB	Crete Silt Loam, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
CsC2	Crete Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	4	38	0.37	3	2	2
Ct	Crete Silt Loam, Terrace, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CtB	Crete Silt Loam, Terrace, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
GsD	Geary Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
GsD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
GsF	Geary Silty Clay Loam, 11 to 30 Percent Slopes	5	38	0.32	3	1	1
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HsB	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HsC	Hastings Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HtC2	Hastings Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HtD2	Hastings Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Hv	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hw	Hobbs Silt Loam, 0 to 2 Percent Slopes, Frequently Flooded	5	48	0.32	3	3	3
Hx	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
Ke	Kezan Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
LoC	Longford Silty Clay Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
LoC2	Longford Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
LoD2	Longford Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MaC	Mayberry Silty Clay Loam, 3 to 6 Percent Slopes	4	48	0.37	3	2	2
MaC2	Mayberry Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	4	48	0.37	3	2	2
MaD2	Mayberry Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	4	48	0.37	3	1	1
MrD	Morrill Clay Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
MrD2	Morrill Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.28	3	2	2
MrF	Morrill Clay Loam, 11 to 30 Percent Slopes	5	48	0.28	3	1	1
Mu	Muir Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
MuB	Muir Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
MuC	Muir Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
PaC2	Pawnee Clay Loam, 3 to 6 Percent Slopes, Eroded	4	48	0.37	3	2	2
Pb	Pits and Dumps	0	0	0	2	2	2
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
UyF	Uly Silt Loam, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
W	Water	0	0	0	2	2	2
WtC	Wymore Silty Clay Loam, 3 to 6 Percent Slopes	4	38	0.37	3	2	2
WtC2	Wymore Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	4	38	0.37	3	2	2
WtD2	Wymore Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	4	38	0.37	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Saline County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.2 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Zk	Zook Silt Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sarpy County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Albaton Silt Loam, Overwash	5	86	0.28	3	3	3
Ac	Albaton Silty Clay	5	86	0.28	3	3	3
Af	Alda Fine Sandy Loam	4	86	0.2	3	3	3
Ag	Alda Very Fine Sandy Loam	4	86	0.28	3	3	3
Ca	Carr Fine Sandy Loam	5	86	0.24	3	3	3
Cc	Cass Fine Sandy Loam	5	86	0.2	3	3	3
Cd	Cass Fine Sandy Loam, Loamy Substratum	5	86	0.2	3	3	3
Ce	Cass Very Fine Sandy Loam	5	86	0.32	3	3	3
Cg	Colo Silty Clay Loam	5	38	0.28	3	3	3
Ck	Colo and Kennebec Soils	5	38	0.28	3	3	3
Cm	Cut and Fill Land	0	0	0	2	2	2
DcE	Dickinson Soils, 11 to 17 Percent Slopes	4	86	0.2	3	1	1
Ed	Eudora Silt Loam	5	56	0.32	3	3	3
Ga	Gibbon Loamy Sand, Overwash	5	134	0.17	3	3	3
Gb	Gibbon Silt Loam	5	86	0.32	3	3	3
Gc	Gibbon Silty Clay Loam	5	86	0.32	3	3	3
Gs	Gibbon-Slickspots Complex	5	86	0.32	3	3	3
Gu	Gullied Land	4	86	0.43	3	1	1
Ha	Haynie Silt Loam	5	86	0.37	3	3	3
IdD2	Ida Silt Loam, 7 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdE	Ida Silt Loam, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
IdE2	Ida Silt Loam, 17 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
Im	Inavale Loamy Fine Sand	5	134	0.17	3	3	3
In	Inavale Loamy Fine Sand, Hummocky	5	134	0.17	3	3	3
JuB	Judson Silt Loam, 3 to 7 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
Le	Lex Soils, Noncalcareous Variant	4	56	0.28	3	3	3
Ls	Luton Silt Loam, Overwash	5	48	0.28	3	3	3
Lt	Luton Silty Clay Loam	5	38	0.37	3	3	3
Lu	Luton Silty Clay	5	86	0.28	3	3	3
MaA	Marshall Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
MaB	Marshall Silty Clay Loam, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
MaC	Marshall Silty Clay Loam, 3 to 7 Percent Slopes	5	38	0.32	3	2	2
MaC2	Marshall Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
MaD	Marshall Silty Clay Loam, 7 to 11 Percent Slopes	5	38	0.32	3	2	2
MeD2	Marshall-Ponca Silty Clay Loams, 7 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MfE	Marshall and Ponca Soils, 11 to 17 Percent Slopes	5	38	0.32	3	1	1
MfE2	Marshall and Ponca Soils, 11 to 17 Percent Slopes, Eroded	5	38	0.32	3	1	1
MoA	Monona Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
MoB	Monona Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
MoC	Monona Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
MoC2	Monona Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
MoD	Monona Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
MoD2	Monona Silt Loam, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MoE	Monona Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
MsE2	Monona and Ida Silt Loams, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sarpy County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.1 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
MsF	Monona and Ida Silt Loams, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
MsF2	Monona and Ida Silt Loams, 17 to 30 Percent Slopes, Eroded	5	48	0.32	3	1	1
MsG	Monona and Ida Silt Loams, 30 to 60 Percent Slopes	5	48	0.32	3	1	1
On	Onawa Silty Clay	5	86	0.32	3	3	3
Pa	Percival Silty Clay	4	86	0.28	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
Pc	Platte Soils	3	86	0.28	3	3	3
PdD2	Ponca and Ida Silt Loams, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
PdE2	Ponca and Ida Silt Loams, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
Ra	Riverwash	0	0	0	2	2	2
Rk	Rock Land	0	0	0	2	2	2
Rn	Rough Broken Land, Loess	5	86	0.43	3	1	1
Sd	Sandy Alluvial Land	5	210	0.15	3	3	3
Sp	Sarpy Fine Sand	5	220	0.15	3	3	3
Ss	Silty Alluvial Land	5	48	0.32	3	3	3
StE2	Steinauer Clay Loam, 11 to 30 Percent Slopes, Eroded	5	86	0.32	3	1	1
W	Water	0	0	0	2	2	2
Wb	Wabash Silt Loam	5	48	0.28	3	3	3
Wc	Wabash Silty Clay	5	86	0.28	3	3	3
Wm	Wann Fine Sandy Loam	5	86	0.2	3	3	3
Wt	Wet Alluvial Land	5	86	0.28	3	3	3
zwa	Water < 40 Acres	0	0	0	2	2	2
zwb	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Saunders County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.15 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
2Ct	Colo Silty Clay Loam, Clayey Substratum	5	38	0.28	3	3	3
2Fi	Fillmore Silty Clay Loam, Ponded	3	48	0.37	3	3	3
2Lb	Lamoure Silty Clay Loam, Alkali	5	48	0.32	3	3	3
2Le	Leshara Silt Loam, Alkali	5	56	0.32	3	3	3
2Lu	Luton Soils, Saline	5	38	0.32	3	3	3
2Sa	Sarpy Fine Sand, Hummocky	5	220	0.15	3	3	3
2Sg	Sarpy Loamy Fine Sand, Imperfectly Drained	5	134	0.17	3	3	3
2Wb	Wann Fine Sandy Loam, Alkali	5	86	0.2	3	3	3
3Cs	Cass Fine Sandy Loam, Deep	5	86	0.2	3	3	3
3Le	Leshara Silt Loam, Moderately Deep	4	86	0.28	3	3	3
3Wb	Wann Fine Sandy Loam, Deep	5	86	0.2	3	3	3
4Sg	Sarpy Loamy Fine Sand, Loamy Substratum	5	134	0.17	3	3	3
AdC2	Adair Clay Loam, 6 to 9 Percent Slopes, Eroded	4	48	0.37	3	1	1
AdD2	Adair Clay Loam, 9 to 12 Percent Slopes, Eroded	4	48	0.37	3	1	1
APD3	Adair and Pawnee Soils, 6 to 12 Percent Slopes, Severely Eroded	3	86	0.37	3	1	1
B2	Barney Soils	2	86	0.2	3	3	3
BSE	Burchard and Shelby Clay Loams, 12 to 17 Percent Slopes	5	48	0.28	3	1	1
BSE2	Burchard and Shelby Clay Loams, 12 to 17 Percent Slopes, Eroded	5	48	0.28	3	1	1
BSE3	Burchard and Shelby Clay Loams, 12 to 17 Percent Slopes, Severely Ero	5	48	0.28	3	1	1
Bt	Butler Silty Clay Loam	4	48	0.37	3	3	3
Cs	Cass Fine Sandy Loam, Moderately Deep	4	86	0.2	3	3	3
Ct	Colo Silty Clay Loam	5	38	0.28	3	3	3
Fi	Fillmore Silty Clay Loam	4	38	0.37	3	3	3
GeC2	Geary Silty Clay Loam, 6 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC3	Geary Silty Clay Loam, 6 to 12 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
GL	Gullied Land	2	48	0.43	3	1	1
Hz	Hobbs Soils	5	48	0.32	3	3	3
JfB	Judson Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
JtB	Judson Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.28	3	2	2
Lb	Lamoure Silty Clay Loam	5	38	0.32	3	3	3
Le	Leshara Silt Loam, Deep	5	48	0.32	3	3	3
Lu	Luton Clay	5	86	0.28	3	3	3
MhC2	Monona Silt Loam, Sand Substratum, 6 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
MhE2	Monona Silt Loam, Sand Substratum, 12 to 30 Percent Slopes, Eroded	5	48	0.32	3	1	1
Mk	Muck	5	0	0.28	3	3	3
ML	Made Land	0	0	0	2	2	2
MnC	Monona Silt Loam, 6 to 12 Percent Slopes	5	48	0.32	3	2	2
MnC2	Monona Silt Loam, 6 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnD2	Malcolm Silt Loam, 6 to 12 Percent Slopes, Eroded	5	56	0.32	3	2	2
MnE	Monona Silt Loam, 12 to 17 Percent Slopes	5	48	0.32	3	1	1
MnE2	Monona Silt Loam, 12 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
MnF	Monona Silt Loam, 17 to 30 Percent Slopes	5	48	0.32	3	1	1
MrC2	Morrill Clay Loam, 6 to 12 Percent Slopes, Eroded	5	48	0.28	3	2	2
MrC3	Morrill Clay Loam, 6 to 12 Percent Slopes, Severely Eroded	5	48	0.28	3	2	2
Mt	Muir Silty Clay Loam	5	38	0.32	3	3	3
OrC2	Ortello Complex, 6 to 12 Percent Slopes, Eroded	5	56	0.28	3	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Saunders County, Nebraska

1990 Frozen Factors
C Factor = 0.15
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
OrE2	Ortello Complex, 12 to 17 Percent Slopes, Eroded	5	56	0.28	3	1	1
Pt	Platte Loam	3	86	0.28	3	3	3
PwC2	Pawnee Clay Loam, 6 to 9 Percent Slopes, Eroded	4	48	0.37	3	1	1
PwD2	Pawnee Clay Loam, 9 to 12 Percent Slopes, Eroded	4	48	0.37	3	1	1
Ra	Rauville Soils	5	0	0.32	3	3	3
Rw	Riverwash	3	0	0.15	3	3	3
Sa	Sarpy Fine Sand	5	220	0.15	3	3	3
SBD	Shelby and Burchard Clay Loams, 6 to 12 Percent Slopes	5	48	0.28	3	2	2
SBD2	Shelby and Burchard Clay Loams, 6 to 12 Percent Slopes, Eroded	5	48	0.28	3	2	2
SBD3	Shelby and Burchard Clay Loams, 6 to 12 Percent Slopes, Severely Erod	5	48	0.28	3	2	2
Sg	Sarpy Loamy Fine Sand	5	134	0.17	3	3	3
ShA	Sharpsburg Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
ShB	Sharpsburg Silty Clay Loam, 2 to 4 Percent Slopes	5	38	0.32	3	3	3
ShC2	Sharpsburg Silty Clay Loam, 4 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShD2	Sharpsburg Silty Clay Loam, 6 to 12 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShD3	Sharpsburg Silty Clay Loam, 6 to 12 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
ShE2	Sharpsburg Silty Clay Loam, 12 to 17 Percent Slopes, Eroded	5	38	0.32	3	1	1
ShE3	Sharpsburg Silty Clay Loam, 12 to 17 Percent Slopes, Severely Eroded	5	38	0.32	3	1	1
StE	Steinauer Clay Loam, 12 to 30 Percent Slopes	5	86	0.32	3	1	1
SWB	Sharpsburg and Wymore Silty Clay Loams, 2 to 4 Percent Slopes	5	38	0.32	3	3	3
SWC2	Sharpsburg and Wymore Silty Clay Loams, 4 to 6 Percent Slopes, Erode	5	38	0.32	3	2	2
SWD2	Sharpsburg and Wymore Silty Clay Loams, 6 to 12 Percent Slopes	5	38	0.32	3	2	2
SWD3	Sharpsburg and Wymore Silty Clay Loams, 6 to 12 Percent Slopes	5	38	0.32	3	2	2
SWE2	Sharpsburg and Wymore Silty Clay Loams, 12 to 17 Percent Slopes, Ero	5	38	0.32	3	1	1
SWE3	Sharpsburg and Wymore Silty Clay Loams, 12 to 17 Percent Slopes, Sev	5	38	0.32	3	1	1
Sx	Mixed Alluvial Land	5	48	0.28	3	3	3
Sy	Alluvial Land	5	48	0.37	3	3	3
Vo	Volin Silt Loam	5	48	0.32	3	3	3
W	Water	0	0	0	2	2	2
Wb	Wann Fine Sandy Loam, Moderately Deep	4	86	0.2	3	3	3
zp	Sand and Gravel Pits	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Scotts Bluff County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2An	Anselmo Fine Sandy Loam, Alkali Variant, 0 to 3 Percent Slopes	5	86	0.17	1	3	1
2Bc	Bankard Loamy Fine Sand, Alkali, Wet Variant	5	134	0.17	1	3	1
2Bg	Buffington Silty Clay Loam, Alkali, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
2Cx	Clayey Alkali Land	3	48	0.32	1	3	1
2Gr	Gering Loam, Alkali	4	86	0.28	1	3	1
2KeA	Keith Loam, Alkali Substratum Variant, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
2Lq	Las Animas Fine Sandy Loam, Alkali	5	86	0.24	1	3	1
2Lr	Las Animas Loam, Alkali	5	86	0.32	1	3	1
2Ls	Las Fine Sandy Loam, Alkali	5	86	0.24	1	3	1
2Lt	Las Loam, Alkali	5	86	0.37	1	3	1
2MBB	Mitchell and Buffington Soils, Alkali, 0 to 5 Percent Slopes	5	86	0.43	1	3	1
2Mg	McGrew Loam, Alkali	4	86	0.32	1	3	1
2MtB	Mitchell Silt Loam, Thin, 1 to 5 Percent Slopes	5	86	0.43	1	3	1
2MtC	Mitchell Silt Loam, Thin, 5 to 9 Percent Slopes	5	86	0.43	1	3	1
2MtD	Mitchell Silt Loam, Thin, 9 to 20 Percent Slopes	5	86	0.43	1	2	1
3Mo	McCook Silty Clay Loam, Gravel Substratum Variant, 0 to 1 Percent Slo	5	86	0.28	1	3	1
3Sx	Mixed Alluvial Land	2	86	0.24	1	3	1
5Bc	Bankard Loamy Fine Sand, Wet Variant	5	134	0.17	1	3	1
5Mt	Mitchell Silt Loam, Wet Variant, 0 to 1 Percent Slopes	5	86	0.43	1	3	1
AcA	Alice Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
AcB	Alice Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
AeA	Alice Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
AnA	Anselmo Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
AnB	Anselmo Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
AnC	Anselmo Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.2	1	3	1
AnD	Anselmo Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.2	1	2	1
BB	Barren Badlands	2	86	0.43	1	1	1
Bc	Bankard Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
BfA	Bayard Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
BfB	Bayard Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
BfC	Bayard Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.2	1	3	1
BfD	Bayard Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.2	1	2	1
Bg	Buffington Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
BgA	Buffington Silty Clay Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
BvA	Bridgeport Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
BvB	Bridgeport Very Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.32	1	3	1
BvC	Bridgeport Very Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.32	1	3	1
BvD	Bridgeport Very Fine Sandy Loam, 9 to 20 Percent Slopes	5	86	0.32	1	2	1
CoB	Creighton Very Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.32	1	3	1
CoC	Creighton Very Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.32	1	3	1
CZA	Chappell-Dix Complex, 1 to 3 Percent Slopes	4	86	0.2	1	3	1
CZB	Chappell-Dix Complex, 3 to 5 Percent Slopes	4	86	0.2	1	3	1
DBD	Dix-Bayard Complex, 5 to 20 Percent Slopes	2	86	0.2	1	2	1
Dr	Duroc Loam, 1 to 5 Percent Slopes	5	56	0.32	3	3	3
DVA	Dunday and Valentine Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.1	1	3	1
DVB	Dunday and Valentine Loamy Fine Sands, 3 to 5 Percent Slopes	5	134	0.1	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Scotts Bluff County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
DxD	Dix Complex, 5 to 30 Percent Slopes	2	86	0.2	1	2	1
EpA	Epping Silt Loam, 1 to 3 Percent Slopes	2	86	0.43	1	3	1
EpD	Epping Silt Loam, 3 to 30 Percent Slopes	2	86	0.43	1	2	1
Gd	Glenberg Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	1	3	1
GL	Gullied Land	2	86	0.43	1	1	1
Gr	Gering Loam	4	86	0.32	1	3	1
Gv	Gravelly Land	2	86	0.15	1	1	1
Hf	Haverson Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
Jn	Janise Soils	5	86	0.43	1	3	1
Ke	Keith Loam, 0 to 1 Percent Slopes	5	86	0.28	1	3	1
KeA	Keith Loam, 1 to 3 Percent Slopes	5	86	0.28	1	3	1
KeB	Keith Loam, 3 to 5 Percent Slopes	5	86	0.28	1	3	1
KEC	Keota-Epping Silt Loams, 5 to 9 Percent Slopes	4	86	0.37	1	2	1
KoA	Keota Silt Loam, 1 to 3 Percent Slopes	4	86	0.37	1	3	1
KoB	Keota Silt Loam, 3 to 5 Percent Slopes	4	86	0.37	1	3	1
KUB2	Keith-Ulysses Loams, 3 to 5 Percent Slopes, Eroded	5	48	0.28	3	3	3
KUC	Keith-Ulysses Loams, 5 to 9 Percent Slopes	5	48	0.28	3	3	3
Lq	Las Animas Fine Sandy Loam	5	86	0.24	1	3	1
Lr	Las Animas Loam	5	86	0.24	1	3	1
Lt	Las Loam	5	86	0.37	1	3	1
Lx	Loamy Alluvial Land	5	86	0.28	1	3	1
M	Marsh	2	0	0.2	3	3	3
Mf	McGrew Fine Sandy Loam	4	86	0.32	1	3	1
Mg	McGrew Loam	4	86	0.24	1	3	1
MJ	Minatare-Janise Soils	1	86	0.43	1	3	1
Mo	McCook Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
Mt	Mitchell Silt Loam, 0 to 1 Percent Slopes	5	86	0.43	1	3	1
MtA	Mitchell Silt Loam, 1 to 3 Percent Slopes	5	86	0.43	1	3	1
MtB	Mitchell Silt Loam, 3 to 5 Percent Slopes	5	86	0.43	1	3	1
MtC	Mitchell Silt Loam, 5 to 9 Percent Slopes	5	86	0.43	1	3	1
MzA	Mitchell Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	1	3	1
MzB	Mitchell Fine Sandy Loam, 3 to 5 Percent Slopes	5	86	0.24	1	3	1
MzC	Mitchell Fine Sandy Loam, 5 to 9 Percent Slopes	5	86	0.24	1	3	1
OBA	Otero-Bayard Fine Sandy Loams, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
OBB	Otero-Bayard Fine Sandy Loams, 3 to 5 Percent Slopes	5	86	0.2	1	3	1
OBC	Otero-Bayard Fine Sandy Loams, 5 to 9 Percent Slopes	5	86	0.2	1	3	1
OC	Otero-Bayard Very Fine Sandy Loams, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
OdB	Otero Loamy Fine Sand, 0 to 5 Percent Slopes	5	134	0.17	1	3	1
OrA	Orella Clay, 0 to 3 Percent Slopes	2	86	0.32	1	3	1
OtB	Otero Fine Sandy Loam, 1 to 5 Percent Slopes	5	86	0.2	1	3	1
OtD	Otero Fine Sandy Loam, 5 to 12 Percent Slopes	5	86	0.2	1	3	1
P	Platte Soils	3	86	0.28	1	3	1
RbC	Rosebud Loam, 5 to 9 Percent Slopes	4	48	0.28	3	3	3
RE	Rock Outcrop-Epping Complex	0	0	0	2	2	2
RT	Rock Outcrop-Tassel Complex	0	0	0	2	2	2
Sa	Satanta Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Scotts Bluff County, Nebraska

1990 Frozen Factors
C Factor = 0.6
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
ShC	Shingle Complex, 3 to 9 Percent Slopes	2	86	0.32	1	2	1
SK	Slickspots-Keith Complex	2	86	0.43	1	3	1
Sx	Sandy Alluvial Land	5	210	0.15	1	3	1
Sy	Broken Alluvial Land	5	86	0.43	1	2	1
TA	Tassel-Anselmo Complex, 3 to 30 Percent Slopes	2	86	0.24	1	2	1
TI	Tassel Soils, 20 to 50 Percent Slopes	2	86	0.24	1	1	1
TrA	Tripp Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.32	1	3	1
Tv	Tripp Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
TvA	Tripp Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
TvB2	Tripp Very Fine Sandy Loam, 3 to 5 Percent Slopes, Eroded	5	86	0.32	1	3	1
TvC2	Tripp Very Fine Sandy Loam, 5 to 9 Percent Slopes, Eroded	5	86	0.32	1	3	1
VD	Valentine and Dwyer Fine Sands, Rolling	5	250	0.1	1	3	1
VDy	Valentine and Dwyer Loamy Fine Sands, Rolling	5	250	0.1	1	3	1
W	Water	0	0	0	2	2	2
Wx	Wet Alluvial Land	2	86	0.28	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Seward County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Bu	Butler Silt Loam, Terrace	4	48	0.37	3	3	3
2CeA	Crete Silt Loam, Terrace, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
2HtB2	Hastings Silty Clay Loam, Terrace, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
AED	Arents, Earthen Dam	0	0	0	2	2	2
BdC	Burchard Clay Loam, 7 to 12 Percent Slopes	5	48	0.28	3	2	2
BdC2	Burchard Clay Loam, 7 to 12 Percent Slopes, Eroded	5	48	0.28	3	2	2
BRD	Burchard-Steinauer Clay Loams, 12 to 17 Percent Slopes	5	48	0.28	3	1	1
BRD2	Burchard-Steinauer Clay Loams, 12 to 17 Percent Slopes, Eroded	5	48	0.28	3	1	1
BT	Butler-Slickspots Complex	4	48	0.37	3	3	3
Bu	Butler Silt Loam	4	48	0.37	3	3	3
By	Breaks-Alluvial Land Complex	5	86	0.43	3	2	2
Ce	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CeA	Crete Silt Loam, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
Fm	Fillmore Silt Loam	4	48	0.37	3	3	3
GeB2	Geary Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC2	Geary Silty Clay Loam, 7 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC3	Geary Silty Clay Loam, 7 to 12 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
GeE3	Geary Silty Clay Loam, 12 to 31 Percent Slopes, Severely Eroded	5	48	0.32	3	1	1
GP	Gravel Pit	0	0	0	2	2	2
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HaA	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hb	Hobbs Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HbA	Hobbs Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HbB	Hobbs Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
Hc	Hobbs Silty Clay Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HnA3	Hastings Soils, 1 to 3 Percent Slopes, Severely Eroded	5	38	0.32	3	3	3
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HsA	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HSz	Hall-Slickspots Complex, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
HtA2	Hastings Silty Clay Loam, 1 to 3 Percent Slopes, Eroded	5	38	0.32	3	3	3
HtB2	Hastings Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
HtB3	Hastings Silty Clay Loam, 3 to 7 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
HtC2	Hastings Silty Clay Loam, 7 to 12 Percent Slopes, Eroded	5	38	0.32	3	2	2
HtC3	Hastings Silty Clay Loam, 7 to 12 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
HtD3	Hastings Silty Clay Loam, 12 to 17 Percent Slopes, Severely Eroded	5	38	0.32	3	1	1
Lb	Lamo Silty Clay Loam	5	38	0.32	3	3	3
LD	Sanitary Landfill	0	0	0	2	2	2
LonC2	Longford Silty Clay Loam, 5 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
M	Marsh	2	0	0.37	3	3	3
MlD2	Meadin Soils, 7 to 31 Percent Slopes, Eroded	3	56	0.28	3	1	1
MrC2	Morrill Clay Loam, 7 to 12 Percent Slopes, Eroded	5	48	0.28	3	2	2
M-W	Miscellaneous Water (Sewage Lagoons)	0	0	0	2	2	2
PaB3	Pawnee Soils, 3 to 7 Percent Slopes, Severely Eroded	4	48	0.37	3	2	2
PaC3	Pawnee Soils, 7 to 12 Percent Slopes, Severely Eroded	4	48	0.37	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Seward County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
PwB	Pawnee Clay Loam, 3 to 7 Percent Slopes	4	48	0.37	3	2	2
PwB2	Pawnee Clay Loam, 3 to 7 Percent Slopes, Eroded	4	48	0.37	3	2	2
PwD	Pawnee Clay Loam, 7 to 12 Percent Slopes	4	48	0.37	3	1	1
PwD2	Pawnee Clay Loam, 7 to 12 Percent Slopes, Eroded	4	48	0.37	3	1	1
RB	Rough Broken Land, Loess	5	86	0.43	3	1	1
RBg	Rough Broken Land, Till	5	86	0.43	3	1	1
Sc	Scott Silt Loam	3	48	0.37	3	3	3
ShB2	Sharpsburg Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShB3	Sharpsburg Silty Clay Loam, 3 to 7 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
ShD2	Sharpsburg Silty Clay Loam, 7 to 12 Percent Slopes, Eroded	5	38	0.32	3	2	2
ShD3	Sharpsburg Silty Clay Loam, 7 to 12 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
ShE3	Sharpsburg Silty Clay Loam, 12 to 17 Percent Slopes, Severely Eroded	5	38	0.32	3	1	1
SkC	Shelby Clay Loam, 7 to 12 Percent Slopes	5	48	0.28	3	2	2
SkC2	Shelby Clay Loam, 5 to 12 Percent Slopes, Eroded	5	48	0.28	3	2	2
StC2	Steinauer Clay Loam, 7 to 12 Percent Slopes, Eroded	5	86	0.32	3	2	2
StE	Steinauer Clay Loam, 12 to 31 Percent Slopes	5	86	0.32	3	1	1
StE2	Steinauer Clay Loam, 12 to 31 Percent Slopes, Eroded	5	86	0.32	3	1	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
W	Water	0	0	0	2	2	2
Wt	Wymore Silty Clay Loam, 0 to 1 Percent Slopes	4	38	0.37	3	3	3
WtA	Wymore Silty Clay Loam, 1 to 3 Percent Slopes	4	38	0.37	3	3	3
WtB2	Wymore Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	4	38	0.37	3	2	2
Wx	Wet Alluvial Land	5	86	0.32	3	3	3
WyC2	Wymore Soils, 7 to 9 Percent Slopes, Eroded	4	38	0.37	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sheridan County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ac	Alliance Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
AcB	Alliance Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
AcC	Alliance Loam, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
An	Almeria Loamy Fine Sand, Channeled, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Bc	Bankard Loamy Fine Sand, Channeled, 0 to 2 Percent Slopes	5	134	0.1	1	3	1
Bd	Beckton Silt Loam, 0 to 2 Percent Slopes	2	38	0.32	1	3	1
Bf	Bolent Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bh	Bridget Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
BhB	Bridget Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
Bm	Bridget Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
BnB	Bufton Silty Clay Loam, 1 to 3 Percent Slopes	5	86	0.37	1	3	1
BnE	Bufton Silty Clay Loam, 9 to 20 Percent Slopes	5	86	0.37	1	2	1
BoD	Bufton-Orella Complex, 3 to 9 Percent Slopes	5	86	0.37	1	3	1
BsB	Busher Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
BsC	Busher Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
BsD	Busher Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.2	1	3	1
BvC	Busher-Tassel Complex, 0 to 6 Percent Slopes	5	86	0.2	1	3	1
BvF	Busher-Tassel Complex, 6 to 30 Percent Slopes	5	86	0.2	1	2	1
Ca	Calamus Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Cr	Crowther Loam, 0 to 1 Percent Slopes	5	0	0.28	3	3	3
Cs	Crowther Loam, Wet, 0 to 1 Percent Slopes	5	0	0.28	3	3	3
DuB	Dailey Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
DuD	Dailey Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
Dw	Duroc Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
DwB	Duroc Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
Ec	Els Fine Sand, Calcareous, 0 to 2 Percent Slopes	5	250	0.15	1	3	1
Ef	Els, Calcareous-Hoffland Complex, 0 to 2 Percent Slopes	5	250	0.15	1	3	1
EgB	Els, Calcareous-Ipage Complex, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
En	Els, Calcareous-Tryon Complex, 0 to 2 Percent Slopes	5	250	0.15	1	3	1
Es	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
EuE	Enning-Minnequa Complex, 6 to 20 Percent Slopes	2	86	0.43	1	2	1
EvG	Enning-Rock Outcrop Complex, 9 to 40 Percent Slopes	2	86	0.43	1	1	1
EwG	Epping-Badland Complex, 3 to 60 Percent Slopes	2	86	0.43	1	2	1
Fu	Fluvaquents, Sandy, 0 to 1 Percent Slopes	5	0	0.17	3	3	3
Gg	Gannett Loam, 0 to 1 Percent Slopes	4	0	0.24	3	3	3
Gh	Gannett Loam, Wet, 0 to 1 Percent Slopes	4	0	0.24	3	3	3
Hm	Hoffland Fine Sandy Loam, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
Hn	Hoffland Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
IpB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
JgB	Jayem Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
JgC	Jayem Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
JgD	Jayem Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.2	1	3	1
Jo	Johnstown Loam, 0 to 1 Percent Slopes	5	48	0.28	3	3	3
Kd	Kadoka Silt Loam, 0 to 2 Percent Slopes	4	48	0.32	3	3	3
KdC	Kadoka Silt Loam, 2 to 6 Percent Slopes	4	48	0.32	3	3	3
KdD	Kadoka Silt Loam, 6 to 9 Percent Slopes	4	48	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sheridan County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ke	Keith Loam, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
KeB	Keith Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
KeC	Keith Loam, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
Kg	Keith Loam, Gravelly Substratum, 0 to 1 Percent Slopes	5	56	0.28	3	3	3
KgB	Keith Loam, Gravelly Substratum, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
KgC	Keith Loam, Gravelly Substratum, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
Ky	Keya Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
La	Las Animas Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Lg	Lodgepole Silt Loam, 0 to 1 Percent Slopes	3	56	0.37	1	3	1
Lu	Lute Loam, 0 to 2 Percent Slopes	3	48	0.32	1	3	1
MbC	Manvel Silty Clay Loam, 2 to 6 Percent Slopes	5	86	0.43	1	3	1
Mc	Marlake Fine Sandy Loam, 0 to 1 Percent Slopes	2	0	0.2	3	3	3
Mk	McCook Loam, 0 to 2 Percent Slopes	5	86	0.28	1	3	1
Mm	McCook Loam, Channeled, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
MxF	Mitchell-Epping Complex, 9 to 30 Percent Slopes	5	86	0.43	1	2	1
My	Munjor Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	1	3	1
Mz	Munjor Fine Sandy Loam, Channeled, 0 to 2 Percent Slopes	5	86	0.24	1	3	1
OhC	Oglala-Canyon Complex, 3 to 6 Percent Slopes	5	56	0.32	3	3	3
OhD	Oglala-Canyon Complex, 6 to 11 Percent Slopes	5	56	0.32	3	3	3
OhF	Oglala-Canyon Complex, 11 to 30 Percent Slopes	5	56	0.32	3	2	2
On	Onita Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
OrF	Orella Silty Clay Loam, 3 to 30 Percent Slopes	2	86	0.37	1	2	1
OvD	Orpha Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
OwF	Orpha-Niobrara Complex, 9 to 30 Percent Slopes	5	134	0.17	1	2	1
OxG	Orpha-Rock Outcrop Complex, 20 to 60 Percent Slopes	5	250	0.17	1	2	1
PoC	Ponderosa Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
PoD	Ponderosa Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	3	1
PtF	Ponderosa-Tassel-Vetal Complex, 6 to 30 Percent Slopes	5	86	0.32	1	2	1
RoB	Rosebud Loam, 1 to 3 Percent Slopes	4	56	0.28	3	3	3
SnB	Satanta Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
SnC	Satanta Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
SnD	Satanta Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.2	1	3	1
SsD	Satanta-Canyon Complex, 6 to 11 Percent Slopes	5	86	0.2	1	3	1
SsE	Satanta-Canyon Complex, 11 to 20 Percent Slopes	5	86	0.2	1	2	1
TfG	Tassel-Rock Outcrop Complex, 9 to 70 Percent Slopes	2	86	0.37	1	1	1
TgG	Tassel-Ponderosa-Rock Outcrop Association, 9 to 70 Percent Slopes	2	86	0.37	1	1	1
ThB	Thirtynine Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
ThC	Thirtynine Loam, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
ThD	Thirtynine Loam, 6 to 9 Percent Slopes	5	56	0.28	3	3	3
To	Tryon Fine Sandy Loam, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
Tp	Tryon Fine Sandy Loam, Wet, 0 to 1 Percent Slopes	5	0	0.17	3	3	3
TtB	Tuthill Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
TtD	Tuthill Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
TwB	Tuthill Fine Sandy Loam, 0 to 3 Percent Slopes	4	86	0.2	1	3	1
TwC	Tuthill Fine Sandy Loam, 3 to 6 Percent Slopes	4	86	0.2	1	3	1
TwD	Tuthill Fine Sandy Loam, 6 to 11 Percent Slopes	4	86	0.2	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sheridan County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
VaB	Valent Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaD	Valent Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valent Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valent Complex, Rolling and Hilly	5	250	0.15	1	2	1
VaG	Valent Fine Sand, Hilly	5	250	0.15	1	2	1
VeB	Valent Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VeD	Valent Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VnD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VnE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VnF	Valentine Complex, Rolling and Hilly	5	250	0.15	1	2	1
VnG	Valentine Fine Sand, Hilly	5	250	0.15	1	2	1
VsB	Vetal Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.2	1	3	1
Vt	Vetal Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	1	3	1
W	Water	0	0	0	2	2	2
WrB	Wildhorse Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
WsB	Wildhorse-Hoffland Complex, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
WtB	Wildhorse-Ipage, Calcareous Complex, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sherman County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
An	Anselmo Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Ba	Barney Loam, Channeled, 0 to 2 Percent Slopes	2	86	0.28	1	3	1
Bp	Boel Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
BrB	Boelus Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Bt	Bolent Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
CrG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
CuD2	Coly-Uly Silt Loams, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CuE2	Coly-Uly Silt Loams, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
Cz	Cozad Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CzB	Cozad Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Fu	Fluvaquents, Sandy	5	0	0.17	3	3	3
Gn	Gibbon Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Gs	Gibbon-Saltine Silt Loams, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
Ha	Hall Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hb	Hall Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HeC	Hersh Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.24	3	3	3
HgF	Hersh-Valentine Complex, 9 to 24 Percent Slopes	5	86	0.24	3	2	2
Hk	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HmB	Hobbs Silt Loam, Channeled, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HpC2	Holdrege Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
Ht	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HtB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
IpB	Ipage Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
LbB	Libory Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Lo	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Lp	Loup Loam, Wet, 0 to 2 Percent Slopes	5	0	0.28	3	3	3
RsB	Ronson Fine Sandy Loam, 0 to 3 Percent Slopes	4	86	0.2	3	3	3
Sc	Scott Silty Clay Loam, 0 to 1 Percent Slopes	3	38	0.37	3	3	3
UbD	Uly Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
UbE	Uly Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
UcF	Uly-Coly Silt Loams, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
UtG	Ustorthents, Steep	5	86	0.43	3	1	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VbD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VeC	Valentine-Bolent Complex, 0 to 6 Percent Slopes	5	250	0.15	1	3	1
W	Water	0	0	0	2	2	2
Wa	Wann Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sioux County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Ab	Alice Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
AbB	Alice Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
AbC	Alice Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
AcB	Alliance Loam, 1 to 3 Percent Slopes	4	56	0.28	3	3	3
AcC	Alliance Loam, 3 to 6 Percent Slopes	4	56	0.28	3	3	3
ArB	Arvada Loam, 0 to 3 Percent Slopes	5	56	0.32	3	3	3
AwD	Ashollow Loamy Very Fine Sand, 3 to 9 Percent Slopes	5	134	0.24	1	3	1
AwE	Ashollow Loamy Very Fine Sand, 9 to 20 Percent Slopes	5	134	0.24	1	2	1
Ba	Badland	0	0	0	2	2	2
BbB	Bahl Clay, 0 to 6 Percent Slopes	5	86	0.32	1	3	1
Bc	Bankard Loamy Fine Sand, 0 to 2 Percent Slopes, Occasionally Flooded	5	134	0.17	1	3	1
Bd	Bankard Loamy Fine Sand, Channeled, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Be	Bayard Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.2	1	3	1
BeB	Bayard Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.2	1	3	1
BeC	Bayard Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.2	1	3	1
Bh	Bigwinder Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
BoG	Blueridge Gravelly Loamy Sand, 20 to 50 Percent Slopes	2	134	0.1	1	2	1
BpE	Blueridge-Bayard Complex, 6 to 20 Percent Slopes	5	134	0.17	1	3	1
BrC	Bridget Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
BrD	Bridget Very Fine Sandy Loam, 6 to 9 Percent Slopes	5	86	0.32	1	3	1
BrF	Bridget Very Fine Sandy Loam, 9 to 30 Percent Slopes	5	86	0.32	1	2	1
Bs	Bufton Clay Loam, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
BsB	Bufton Clay Loam, 1 to 3 Percent Slopes	5	86	0.37	1	3	1
BsD	Bufton Clay Loam, 3 to 9 Percent Slopes	5	86	0.37	1	3	1
BsE	Bufton Clay Loam, 9 to 20 Percent Slopes	5	86	0.43	1	2	1
BuB	Busher Loamy Very Fine Sand, 0 to 3 Percent Slopes	4	134	0.2	1	3	1
BuC	Busher Loamy Very Fine Sand, 3 to 6 Percent Slopes	4	134	0.2	1	3	1
BuD	Busher Loamy Very Fine Sand, 6 to 9 Percent Slopes	4	134	0.2	1	3	1
BwC	Busher-Phiferson Complex, 0 to 6 Percent Slopes	4	134	0.2	1	3	1
BxC	Busher-Tassel Complex, 0 to 6 Percent Slopes	4	134	0.2	1	3	1
BxE	Busher-Tassel Complex, 6 to 20 Percent Slopes	4	134	0.2	1	2	1
Cr	Craft Loam, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
Cs	Craft Loam, 0 to 2 Percent Slopes, Occasionally Flooded	5	86	0.32	1	3	1
Ct	Craft Loam, Channeled, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
DpB	Draknab Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
EpF	Epping Silt Loam, 3 to 30 Percent Slopes	2	86	0.43	1	2	1
EsG	Epping-Badland Complex, 3 to 50 Percent Slopes	2	86	0.43	1	2	1
Fu	Fluvaquents, Sandy, 0 to 1 Percent Slopes	5	0	0.17	3	3	3
Go	Glenberg Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.24	1	3	1
Gp	Glenberg Fine Sandy Loam, Channeled, 0 to 2 Percent Slopes	5	86	0.24	1	3	1
HsC	Hisle-Slickspots Complex, 0 to 6 Percent Slopes	2	48	0.32	1	2	1
In	Interior Silty Clay, Channeled, 0 to 2 Percent Slopes	5	86	0.32	1	3	1
JmB	Jayem Loamy Very Fine Sand, 0 to 3 Percent Slopes	5	134	0.2	1	3	1
JmC	Jayem Loamy Very Fine Sand, 3 to 6 Percent Slopes	5	134	0.2	1	3	1
JmD	Jayem Loamy Very Fine Sand, 6 to 9 Percent Slopes	5	134	0.2	1	3	1
KeB	Keith Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sioux County, Nebraska

1990 Frozen Factors
C Factor = 0.5
R Factor = 50

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
KeC	Keith Loam, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
Ky	Kyle Silty Clay, 0 to 1 Percent Slopes	5	86	0.37	1	3	1
KyC	Kyle Silty Clay, 1 to 6 Percent Slopes	5	86	0.37	1	3	1
La	Las Animas Fine Sandy Loam, 0 to 2 Percent Slopes, Occasionally Floo	4	86	0.24	1	3	1
Lb	Las Animas Fine Sandy Loam, Channeled, 0 to 2 Percent Slopes	5	86	0.24	1	3	1
Lc	Las Animas-Lisco Complex, 0 to 2 Percent Slopes, Occasionally Floode	4	86	0.37	1	3	1
Ld	Lisco Very Fine Sandy Loam, 0 to 2 Percent Slopes, Occasionally Flood	5	86	0.37	1	3	1
Lh	Lohmiller Silty Clay Loam, 0 to 2 Percent Slopes	5	86	0.37	1	3	1
Lo	Lohmiller Silty Clay Loam, Channeled, 0 to 2 Percent Slopes	5	86	0.37	1	3	1
Ls	Lohmiller Silty Clay, 0 to 2 Percent Slopes, Occasionally Flooded	5	86	0.28	1	3	1
Mr	Mitchell Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.43	1	3	1
MrB	Mitchell Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.43	1	3	1
MrC	Mitchell Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.43	1	3	1
Mt	Mitchell Silt Loam, 0 to 1 Percent Slopes	5	86	0.43	1	3	1
MtB	Mitchell Silt Loam, 1 to 3 Percent Slopes	5	86	0.43	1	3	1
MtC	Mitchell Silt Loam, 3 to 6 Percent Slopes	5	86	0.43	1	3	1
MtD	Mitchell Silt Loam, 6 to 9 Percent Slopes	5	86	0.43	1	3	1
MtE	Mitchell Silt Loam, 9 to 20 Percent Slopes	5	86	0.43	1	2	1
MxD	Mitchell-Epping Complex, 3 to 9 Percent Slopes	5	86	0.43	1	3	1
MxF	Mitchell-Epping Complex, 9 to 30 Percent Slopes	5	86	0.43	1	2	1
NrB	Norrest Clay Loam, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
NrD	Norrest Clay Loam, 3 to 9 Percent Slopes	4	48	0.37	3	2	2
OgB	Oglala Very Fine Sandy Loam, 1 to 3 Percent Slopes	4	86	0.32	1	3	1
OgC	Oglala Very Fine Sandy Loam, 3 to 6 Percent Slopes	4	86	0.32	1	3	1
OgD	Oglala Very Fine Sandy Loam, 6 to 9 Percent Slopes	4	86	0.32	1	3	1
OnD	Oglala-Canyon Complex, 3 to 9 Percent Slopes	4	86	0.32	1	3	1
OnF	Oglala-Canyon Complex, 9 to 30 Percent Slopes	4	86	0.32	1	2	1
OpD	Olney Loam, 3 to 9 Percent Slopes	5	86	0.24	1	3	1
OrF	Orella Clay, 1 to 30 Percent Slopes	2	86	0.32	1	2	1
OsG	Orella-Badland Complex, 3 to 50 Percent Slopes	2	86	0.32	1	2	1
OwB	Otero Loamy Very Fine Sand, 0 to 3 Percent Slopes	5	134	0.24	1	3	1
Pa	Pathfinder Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
PhF	Phiferson-Tassel-Rock Outcrop Complex, 6 to 30 Percent Slopes	3	134	0.24	1	2	1
PrC	Pierre Clay, 1 to 6 Percent Slopes	3	86	0.37	1	3	1
PrE	Pierre Clay, 6 to 20 Percent Slopes	3	86	0.37	1	2	1
PsD	Ponderosa Loamy Very Fine Sand, 6 to 9 Percent Slopes	5	134	0.2	1	3	1
PsE	Ponderosa Loamy Very Fine Sand, 9 to 20 Percent Slopes	5	134	0.2	1	2	1
PtF	Ponderosa-Tassel-Vetal Complex, 6 to 30 Percent Slopes	5	134	0.2	1	2	1
RkG	Rock Outcrop-Tassel Complex, 9 to 70 Percent Slopes	0	0	0	2	2	2
SbF	Samsil-Pierre Complex, 3 to 30 Percent Slopes	2	86	0.37	1	2	1
ScG	Samsil-Rock Outcrop Complex, 9 to 50 Percent Slopes	2	86	0.37	1	1	1
SdD	Sarben Loamy Very Fine Sand, 3 to 9 Percent Slopes	5	134	0.24	1	3	1
SdF	Sarben Loamy Very Fine Sand, 9 to 30 Percent Slopes	5	134	0.24	1	2	1
SeB	Sarben-Busher Complex, 0 to 3 Percent Slopes	5	134	0.24	1	3	1
SeD	Sarben-Busher Complex, 3 to 9 Percent Slopes	5	134	0.24	1	3	1
SfB	Satanta Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Sioux County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.5 R Factor = 50 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
SfC	Satanta Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
Sg	Savo Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
SgC	Savo Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	3	3
SrF	Schamber Gravelly Sandy Loam, 3 to 30 Percent Slopes	2	134	0.2	1	2	1
Ss	Scoville Fine Sand, 0 to 1 Percent Slopes	5	220	0.15	1	3	1
SsB	Scoville Fine Sand, 1 to 3 Percent Slopes	5	220	0.15	1	3	1
Su	Scoville Loamy Fine Sand, 0 to 1 Percent Slopes	5	134	0.17	1	3	1
SuB	Scoville Loamy Fine Sand, 1 to 3 Percent Slopes	5	134	0.17	1	3	1
SxE	Skilak Silty Clay Loam, 6 to 20 Percent Slopes	5	86	0.49	1	2	1
TbG	Tassel-Ashollow-Rock Outcrop Complex, 9 to 60 Percent Slopes	2	134	0.24	1	2	1
TgF	Tassel-Busher-Rock Outcrop Complex, 6 to 30 Percent Slopes	2	134	0.24	1	2	1
TrG	Tassel-Ponderosa-Rock Outcrop Association, 9 to 70 Percent Slopes	2	134	0.24	1	2	1
TtB	Thirtynine Loam, 1 to 3 Percent Slopes	5	56	0.28	3	3	3
TtC	Thirtynine Loam, 3 to 6 Percent Slopes	5	56	0.28	3	3	3
TtD	Thirtynine Loam, 6 to 9 Percent Slopes	5	56	0.28	3	3	3
Tv	Tripp Very Fine Sandy Loam, 0 to 1 Percent Slopes	5	86	0.32	1	3	1
TvB	Tripp Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
VaB	Valent Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaD	Valent Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valent Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valent Complex, Rolling and Hilly	5	250	0.15	1	2	1
VbB	Valent Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
VbD	Valent Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VcB	Vetal Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	1	3	1
VgB	Vetal Very Fine Sandy Loam, 1 to 3 Percent Slopes	5	86	0.32	1	3	1
VgC	Vetal Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.32	1	3	1
W	Water	0	0	0	2	2	2
WhB	Wildhorse Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
zw	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Stanton County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
AcC	Alcester Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.28	3	2	2
Ba	Barney Loam, 0 to 2 Percent Slopes	2	86	0.28	1	3	1
Be	Belfore Silty Clay Loam, 0 to 2 Percent Slopes	5	38	0.32	3	3	3
Bn	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bp	Boel Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
BsC	Boelus Loamy Fine Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
Cf	Cass Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
CnC	Clarno Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
CnD	Clarno Loam, 6 to 11 Percent Slopes	5	48	0.28	3	2	2
Co	Colo Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
CrC2	Crofton Silt Loam, 2 to 6 Percent Slopes, Eroded	5	86	0.43	3	2	2
CrD2	Crofton Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrE2	Crofton Silt Loam, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
CrF	Crofton Silt Loam, 15 to 30 Percent Slopes	5	86	0.43	3	1	1
CrG	Crofton Silt Loam, 30 to 60 Percent Slopes	5	86	0.43	3	1	1
CuE2	Crofton-Nora Complex, 11 to 15 Percent Slopes, Eroded	5	86	0.43	3	1	1
Eh	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Gk	Gibbon Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
HaC	Hadar Loamy Fine Sand, 2 to 6 Percent Slopes	5	134	0.17	3	3	3
Hd	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
He	Hobbs Silt Loam, Channeled	5	48	0.32	3	3	3
InB	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Ip	Inavale-Boel Complex, Channeled	5	134	0.17	3	3	3
Kz	Kezan Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
La	Lamo Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Lc	Lamo Silty Clay Loam, Wet, 0 to 1 Percent Slopes	5	0	0.32	3	3	3
Ld	Lawet Silty Clay Loam, 0 to 1 Percent Slopes	5	86	0.28	3	3	3
Lo	Loretto Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
LoC	Loretto Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
LpC	Loretto Loam, 2 to 6 Percent Slopes	5	48	0.28	3	2	2
Lv	Loup Fine Sandy Loam, 0 to 1 Percent Slopes	5	0	0.2	3	3	3
Ma	Marlake Variant Silt Loam, 0 to 1 Percent Slopes	2	0	0.28	3	3	3
MoC	Moody Silty Clay Loam, 2 to 6 Percent Slopes	5	38	0.32	3	2	2
Mp	Moody Silty Clay Loam, Terrace, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Mu	Muir Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
NoD	Nora Silty Clay Loam, 6 to 11 Percent Slopes	5	38	0.32	3	2	2
NoE	Nora Silty Clay Loam, 11 to 15 Percent Slopes	5	38	0.32	3	1	1
NpC2	Nora-Crofton Complex, 2 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
NpD2	Nora-Crofton Complex, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Og	Ord Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Oh	Ord Silt Loam, 0 to 1 Percent Slopes	5	86	0.2	3	3	3
OrC	Ortello Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
OvB	Ovina Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Pb	Pits and Dumps	0	0	0	2	2	2
Rw	Riverwash	0	0	0	2	2	2
Sm	Shell Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Stanton County, Nebraska

1990 Frozen Factors
C Factor = 0.2
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Sn	Shell Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Sv	Shell Variant Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
ThB	Thurman Loamy Fine Sand, 1 to 3 Percent Slopes	5	134	0.17	3	3	3
ThC	Thurman Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
ThD	Thurman Loamy Fine Sand, 6 to 11 Percent Slopes	5	134	0.17	3	2	2
Tm	Thurman Loamy Fine Sand, Thick, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, 9 to 20 Percent Slopes	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
Zo	Zook Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.28	3	3	3
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Thayer County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.25 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
2Ly	Lamo Silty Clay Loam, Drained	5	48	0.32	3	3	3
Bu	Butler Silt Loam	4	48	0.37	3	3	3
By	Breaks-Alluvial Land Complex	5	48	0.32	3	1	1
Ce	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CeA	Crete Silt Loam, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
CrB2	Crete Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	4	38	0.37	3	2	2
Cs	Cass Fine Sandy Loam	5	86	0.2	3	3	3
Cv	Cass Very Fine Sandy Loam	5	86	0.32	3	3	3
De	Detroit Silt Loam	5	48	0.37	3	3	3
Fm	Fillmore Silt Loam	4	48	0.37	3	3	3
GeB2	Geary Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC2	Geary Silty Clay Loam, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeC3	Geary Silty Clay Loam, 7 to 11 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
GeE	Geary Silty Clay Loam, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
GeE3	Geary Silty Clay Loam, 11 to 30 Percent Slopes, Severely Eroded	5	48	0.32	3	1	1
Hb	Hobbs Silt Loam, Seldom Flooded	5	48	0.32	3	3	3
HbA	Hobbs Silt Loam, 1 to 4 Percent Slopes	5	48	0.32	3	3	3
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hs2	Hastings Soils, Eroded	5	38	0.32	3	2	2
HsA	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HsB	Hastings Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HsC	Hastings Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
Ht	Hastings Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
HtB2	Hastings Silty Clay Loam, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
HtC2	Hastings Silty Clay Loam, 7 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
JaC	Jansen Loam, 7 to 11 Percent Slopes	4	56	0.28	3	1	1
JMC	Jansen-Meadin Complex, 5 to 11 Percent Slopes	4	56	0.28	3	2	2
JMC2	Jansen-Meadin Complex, 5 to 11 Percent Slopes, Eroded	4	56	0.28	3	2	2
JMD	Jansen-Meadin Complex, 11 to 30 Percent Slopes	4	56	0.28	3	1	1
JMD2	Jansen-Meadin Complex, 11 to 30 Percent Slopes, Eroded	4	56	0.28	3	1	1
JsC2	Jansen Sandy Clay Loam, 7 to 11 Percent Slopes, Eroded	4	56	0.28	3	1	1
KpD	Kipson Soils, 11 to 30 Percent Slopes	2	86	0.32	1	1	1
Lb	Lamo Silty Clay Loam	5	38	0.32	3	3	3
LcD3	Lancaster Loam, 7 to 16 Percent Slopes, Severely Eroded	4	48	0.28	3	1	1
MQ	Muir-Meadin Complex, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
Mu	Muir Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
MuA	Muir Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
MuB2	Muir Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
Mw	Meadin Loam, 3 to 30 Percent Slopes	3	56	0.28	3	2	2
Sc	Scott Soils	3	48	0.37	3	3	3
Sx	Sandy Alluvial Land	5	220	0.15	1	3	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
W	Water	0	0	0	2	2	2
WeD	Wakeen Silty Clay Loam, 11 to 30 Percent Slopes	4	86	0.32	3	1	1
WKC	Wakeen and Kipp Silty Clay Loams, 7 to 11 Percent Slopes	4	86	0.32	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Thayer County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
WKC3	Wakeen and Kipp Silty Clay Loams, 7 to 11 Percent Slopes, Severely Er	4	86	0.32	3	1	1
zp	Gravel Pits and Quarries	0	0	0	2	2	2
zwb	Water < 40 Acres (Streams and Ponds)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Thomas County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.4 R Factor = 75 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
An	Anselmo Fine Sandy Loam	5	86	0.2	3	3	3
AnB	Anselmo Fine Sandy Loam, Hummocky	5	86	0.2	3	3	3
B	Blown Out Land	5	250	0.15	1	2	1
DAB	Dunday-Anselmo Loamy Fine Sands, Hummocky	5	134	0.17	1	3	1
Du	Dunday Loamy Fine Sand	5	134	0.17	1	3	1
DuB	Dunday Loamy Fine Sand, Hummocky	5	134	0.17	1	3	1
Ea	Elsmere Loamy Fine Sand	5	134	0.17	1	3	1
Gv	Gravelly Land	2	0	0.1	3	2	2
Hx	Hord Complex, Sandy Variant	5	134	0.17	1	3	1
LdM	Loup Fine Sand and Marsh	5	0	0.17	3	3	3
Lm	Loup Loam	5	0	0.28	3	3	3
M	Marsh	2	0	0.17	3	3	3
MD	Meadin-Dunday Loamy Fine Sands	3	134	0.17	1	3	1
Md	Meadin Loamy Sand	3	134	0.17	1	3	1
MDB	Meadin-Dunday Loamy Fine Sands, Hummocky	3	134	0.17	1	3	1
VaC	Valentine Fine Sand, Rolling	5	250	0.15	1	3	1
VaD	Valentine Fine Sand, Hilly	5	250	0.15	1	2	1
VcB	Valentine Loamy Sand, Hummocky	5	134	0.17	1	3	1
VR	Valentine Soils and Rough Broken Land	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
Wb	Wann Fine Sandy Loam	5	86	0.2	3	3	3
zwb	Water < 40 Acres (Rivers and Lakes)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Thurston County, Nebraska

1990 Frozen Factors
C Factor = 0.15
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2La	Lamo Silt Loam, Overwash	5	48	0.32	3	3	3
Ak	Albaton Silty Clay	5	86	0.28	3	3	3
Am	Albaton Silty Clay Loam	5	86	0.28	3	3	3
BdD2	Burchard Clay Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.28	3	1	1
BLg	Rough Broken Land	4	86	0.43	3	1	1
BM	Belfore-Moody Silty Clay Loams, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
BnC	Burchard Silt Loam, 5 to 11 Percent Slopes	5	48	0.28	3	2	2
BnD	Burchard Silt Loam, 11 to 17 Percent Slopes	5	48	0.28	3	1	1
CfB2	Crofton Silt Loam, 1 to 7 Percent Slopes, Eroded	5	86	0.43	3	2	2
CfC2	Crofton Silt Loam, 7 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfD2	Crofton Silt Loam, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfE2	Crofton Silt Loam, 17 to 31 Percent Slopes, Eroded	5	86	0.43	3	1	1
Ct	Colo Silty Clay Loam	5	38	0.28	3	3	3
GL	Gullied Land	4	48	0.43	3	1	1
He	Haynie Silt Loam	5	86	0.37	3	3	3
IdC2	Ida Silt Loam, 7 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdD	Ida Silt Loam, 11 to 17 Percent Slopes	5	86	0.43	3	1	1
IdD2	Ida Silt Loam, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
IdE	Ida Silt Loam, 17 to 31 Percent Slopes	5	86	0.43	3	1	1
IdE2	Ida Silt Loam, 17 to 31 Percent Slopes, Eroded	5	86	0.43	3	1	1
JuA	Judson Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
JuB	Judson Silt Loam, 2 to 7 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam	5	48	0.32	3	3	3
Lb	Lamo Silty Clay Loam	5	38	0.32	3	3	3
Lk	Luton Silty Clay	5	86	0.28	3	3	3
Ls	Luton Silty Clay Loam	5	38	0.37	3	3	3
M	Marsh	2	0	0.15	3	3	3
Mc	McPaul Silt Loam	5	86	0.37	3	3	3
MnB	Monona Silt Loam, 1 to 7 Percent Slopes	5	48	0.32	3	2	2
MnB2	Monona Silt Loam, 1 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnC	Monona Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
MnC2	Monona Silt Loam, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnD	Monona Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
MnD2	Monona Silt Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
MnF	Monona Silt Loam, 17 to 31 Percent Slopes	5	48	0.32	3	1	1
Mo	Moody Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
MoB	Moody Silty Clay Loam, 1 to 7 Percent Slopes	5	38	0.32	3	2	2
MoB2	Moody Silty Clay Loam, 1 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
MoC	Moody Silty Clay Loam, 7 to 11 Percent Slopes	5	38	0.32	3	2	2
MoC2	Moody Silty Clay Loam, 7 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MyC	Moody Fine Sandy Loam, 7 to 11 Percent Slopes	5	86	0.2	3	2	2
NoB2	Nora Silt Loam, 1 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoC	Nora Silt Loam, 7 to 11 Percent Slopes	5	48	0.32	3	2	2
NoC2	Nora Silt Loam, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoD	Nora Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
NoD2	Nora Silt Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Thurston County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.15 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
NoE2	Nora Silt Loam, 17 to 30 Percent Slopes, Eroded	5	48	0.32	3	1	1
Oc	Onawa Silty Clay	5	86	0.32	3	3	3
ON	Onawa and Haynie Soils	5	86	0.32	3	3	3
OrB	Ortello Fine Sandy Loam, 2 to 5 Percent Slopes	5	86	0.2	3	3	3
OrC2	Ortello Fine Sandy Loam, 5 to 11 Percent Slopes, Eroded	5	86	0.2	3	2	2
Rw	Riverwash	0	0	0	2	2	2
Sb	Sarpy Soils	5	134	0.17	3	3	3
StE	Steinauer Soils, 11 to 30 Percent Slopes	5	86	0.32	3	1	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
TcB	Thurman Loamy Sand, 1 to 7 Percent Slopes	5	134	0.17	3	3	3
TxE	Thurman Soils, 7 to 17 Percent Slopes	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Wx	Wet Alluvial Land	5	86	0.32	3	3	3
Zc	Zook Silty Clay	5	86	0.28	3	3	3
Zo	Zook Silty Clay Loam	5	38	0.28	3	3	3
zwb	Water, Undifferentiated	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Valley County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Ba	Barney Loam, Channeled, 0 to 2 Percent Slopes	2	86	0.28	1	3	1
Be	Blendon Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bo	Boel Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	1	3	1
Bp	Boel Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CrE2	Coly-Hobbs Silt Loams, 2 to 17 Percent Slopes, Eroded	5	86	0.43	3	2	2
CrG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
CuE2	Coly-Uly Silt Loams, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
Cx	Cozad Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CxB	Cozad Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
CxC	Cozad Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Cy	Cozad Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
CyB	Cozad Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
De	Detroit Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
Fm	Fillmore Variant Silt Loam, 0 to 1 Percent Slopes	5	48	0.37	3	3	3
GfC2	Gates Very Fine Sandy Loam, 3 to 6 Percent Slopes, Eroded	5	86	0.37	3	2	2
GfD	Gates Very Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.37	3	2	2
Gn	Gibbon Silt Loam, 0 to 1 Percent Slopes	5	86	0.32	3	3	3
HeB	Hersh Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
HeC	Hersh Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.24	3	3	3
HeD	Hersh Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.24	3	2	2
HeE	Hersh Fine Sandy Loam, 11 to 17 Percent Slopes	5	86	0.24	3	1	1
Hf	Histosols, Wet	5	0	0.2	3	3	3
Hk	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HmB	Hobbs Silt Loam, Channeled, 0 to 3 Percent Slopes	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoC	Holdrege Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HoC2	Holdrege Silt Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
Hr	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HrB	Hord Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hy	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HyB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
IpB	Ipage Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Le	Leshara Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Lo	Loup Loam, 0 to 2 Percent Slopes	5	0	0.28	3	3	3
Pg	Pits and Dumps	0	0	0	2	2	2
Sa	Saltine-Leshara Silt Loams, 0 to 1 Percent Slopes	5	56	0.32	3	3	3
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
SmB	Simeon Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
SmE	Simeon Loamy Sand, 3 to 30 Percent Slopes	5	134	0.17	1	2	1
UbD	Uly Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
UbE	Uly Silt Loam, 11 to 17 Percent Slopes	5	48	0.32	3	1	1
UcD2	Uly-Coly Silt Loams, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
UcF	Uly-Coly Silt Loams, 15 to 30 Percent Slopes	5	48	0.32	3	1	1
VaB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Valley County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.3 R Factor = 125 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
VaD	Valentine Loamy Fine Sand, 3 to 9 Percent Slopes	5	134	0.17	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Washington County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Le	Leshara Soils, Clayey Substratum	5	48	0.32	3	3	3
Ab	Albaton Silt Loam	5	86	0.28	3	3	3
Au	Albaton Clay	5	86	0.28	3	3	3
BdC2	Burchard Clay Loam, 7 to 12 Percent Slopes, Eroded	5	48	0.28	3	2	2
BdD2	Burchard Clay Loam, 12 to 18 Percent Slopes, Eroded	5	48	0.28	3	1	1
Bs	Belfore Silty Clay Loam	5	38	0.32	3	3	3
CfC3	Crofton Silt Loam, 7 to 12 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfD3	Crofton Silt Loam, 12 to 18 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfE	Crofton Silt Loam, 18 to 30 Percent Slopes	5	86	0.43	3	1	1
CfE3	Crofton Silt Loam, 18 to 30 Percent Slopes, Eroded	5	86	0.43	3	1	1
Cg	Carr Fine Sandy Loam	5	86	0.24	3	3	3
Cm	Cass Loam	5	56	0.28	3	3	3
Cs	Cass Fine Sandy Loam	5	86	0.2	3	3	3
GL	Gullied Land, Judson Materials	4	86	0.43	3	1	1
He	Haynie Silt Loam	5	86	0.37	3	3	3
JuA	Judson Silt Loam, 1 to 3 Percent Slopes	5	48	0.28	3	3	3
JuB	Judson Silt Loam, 3 to 7 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam	5	48	0.32	3	3	3
LC	Lamoure-Colo Silty Clay Loams	5	38	0.32	3	3	3
Le	Leshara Silt Loam	5	48	0.32	3	3	3
LLu	Luton and Leshara Clays	5	86	0.28	3	3	3
Ls	Luton Silty Clay Loam	5	38	0.37	3	3	3
Lt	Luton Silt Loam, Overwash	5	48	0.28	3	3	3
Lu	Luton Clay	5	86	0.28	3	3	3
Mc	McPaul Silt Loam	5	86	0.37	3	3	3
MCD	Monona-Crofton Silt Loams, 12 to 18 Percent Slopes	5	48	0.32	3	1	1
MCD3	Monona-Crofton Silt Loams, 12 to 18 Percent Slopes, Eroded	5	48	0.32	3	1	1
MMB	Moody and Marshall Soils, 3 to 7 Percent Slopes	5	38	0.32	3	2	2
MMB2	Moody and Marshall Soils, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
MMC	Moody and Marshall Soils, 7 to 12 Percent Slopes	5	38	0.32	3	2	2
MMC2	Moody and Marshall Soils, 7 to 12 Percent Slopes, Eroded	5	38	0.32	3	2	2
Mn	Monona Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
MnA	Monona Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
MnB	Monona Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
MnB2	Monona Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
MnC	Monona Silt Loam, 7 to 12 Percent Slopes	5	48	0.32	3	2	2
MnC2	Monona Silt Loam, 7 to 12 Percent Slopes, Eroded	5	48	0.32	3	2	2
NC3	Nora and Marshall Soils, 7 to 12 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
NCC3	Nora and Crofton Soils, 7 to 12 Percent Slopes, Severely Eroded	5	38	0.32	3	2	2
NCD3	Nora and Crofton Soils, 12 to 18 Percent Slopes, Severely Eroded	5	38	0.32	3	1	1
ND2	Nora and Marshall Soils, 12 to 18 Percent Slopes, Eroded	5	38	0.32	3	1	1
ND3	Nora and Marshall Soils, 12 to 18 Percent Slopes, Severely Eroded	5	38	0.32	3	1	1
NMD2	Nora and Moody Soils, 12 to 18 Percent Slopes, Eroded	5	38	0.32	3	1	1
OH	Onawa and Haynie Silty Clay Loams	5	86	0.32	3	3	3
Ou	Onawa Clay	5	86	0.32	3	3	3
Ra	Rauville Soils	5	0	0.32	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Washington County, Nebraska

1990 Frozen Factors
C Factor = 0.1
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Rw	Riverwash	0	0	0	2	2	2
S	Spoil Banks	0	0	0	2	2	2
Sg	Sarpy Loamy Fine Sand	5	134	0.15	3	3	3
Sh	Sharpsburg Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
Sl	Sarpy Loam	5	56	0.28	3	3	3
SMA	Sharpsburg and Marshall Soils, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
SMB	Sharpsburg and Marshall Soils, 3 to 7 Percent Slopes	5	38	0.32	3	2	2
SMB2	Sharpsburg and Marshall Soils, 3 to 7 Percent Slopes, Eroded	5	38	0.32	3	2	2
SMC	Sharpsburg and Marshall Soils, 7 to 12 Percent Slopes	5	38	0.32	3	2	2
SMC2	Sharpsburg and Marshall Soils, 7 to 12 Percent Slopes, Eroded	5	38	0.32	3	2	2
StD2	Steinauer Soils, 12 to 18 Percent Slopes, Eroded	5	86	0.32	3	1	1
Sv	Salix and Volin Silt Loams	5	38	0.28	3	3	3
W	Water	0	0	0	2	2	2
zw	Water, Undifferentiated (River Channel)	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Wayne County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.2 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
BeA	Belfore Silty Clay Loam, 0 to 1 Percent Slopes	5	38	0.32	3	3	3
BmB	Belfore-Moody Silty Clay Loams, 1 to 3 Percent Slopes	5	38	0.32	3	3	3
BnC	Blendon Fine Sandy Loam, Clayey Substratum, 1 to 5 Percent Slopes	5	86	0.2	3	3	3
Ca	Colo Silt Loam, Occasionally Flooded	5	48	0.28	3	3	3
Cb	Colo Silty Clay Loam, Drained	5	38	0.28	3	3	3
Cc	Colo and Lamo Silty Clay Loams	5	38	0.28	3	3	3
CfC2	Crofton Silt Loam, 2 to 7 Percent Slopes, Eroded	5	86	0.43	3	2	2
CfD2	Crofton Silt Loam, 7 to 11 Percent Slopes, Eroded	5	86	0.43	3	1	1
CfE2	Crofton Silt Loam, 11 to 20 Percent Slopes, Eroded	5	86	0.43	3	1	1
Fm	Fillmore Complex	4	48	0.37	3	3	3
HtE	Hadar-Thurman Complex, 5 to 15 Percent Slopes	5	134	0.17	3	2	2
JuC	Judson Silt Loam, 2 to 7 Percent Slopes	5	48	0.28	3	2	2
Ke	Kennebec Silt Loam	5	48	0.32	3	3	3
La	Lamo Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
Lb	Lamo Silty Clay Loam	5	38	0.32	3	3	3
LvA	Loretto Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
Mc	McPaul Silt Loam	5	86	0.37	3	3	3
Md	McPaul Silt Loam, Wet	5	86	0.32	3	3	3
MhC	Moody Silt Loam, 2 to 7 Percent Slopes	5	48	0.32	3	2	2
MoC	Moody Silty Clay Loam, 2 to 7 Percent Slopes	5	38	0.32	3	2	2
MoD	Moody Silty Clay Loam, 7 to 11 Percent Slopes	5	38	0.32	3	2	2
MoD2	Moody Silty Clay Loam, 7 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
MrC	Moody and Nora Soils, 0 to 5 Percent Slopes	5	86	0.2	3	3	3
MrD	Moody and Nora Soils, 5 to 11 Percent Slopes	5	86	0.2	3	2	2
NoC2	Nora Silt Loam, 2 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoD2	Nora Silt Loam, 7 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
NoE2	Nora Silt Loam, 11 to 17 Percent Slopes, Eroded	5	48	0.32	3	1	1
NrD	Nora-Moody Silty Clay Loams, 7 to 11 Percent Slopes	5	38	0.32	3	2	2
NrE	Nora-Moody Silty Clay Loams, 11 to 17 Percent Slopes	5	38	0.32	3	1	1
OrC	Ortello Fine Sandy Loam, 1 to 5 Percent Slopes	5	86	0.2	3	3	3
OrD	Ortello Fine Sandy Loam, 5 to 11 Percent Slopes	5	86	0.2	3	2	2
ThC	Thurman Loamy Fine Sand, 2 to 7 Percent Slopes	5	134	0.17	3	3	3
ThE	Thurman Loamy Fine Sand, 7 to 15 Percent Slopes	5	134	0.17	3	2	2
TsC	Thurman Loamy Fine Sand, Loamy Subsoil, 2 to 7 Percent Slopes	5	134	0.17	3	3	3
VbE	Valentine Loamy Fine Sand, Rolling	5	134	0.17	3	2	2
W	Water	0	0	0	2	2	2
Wx	Wet Alluvial Land	5	86	0.32	3	3	3
Zo	Zook Silty Clay Loam	5	38	0.28	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Webster County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
2Hb	Hobbs Silt Loam, Occasionally Flooded	5	48	0.32	3	3	3
2Hd	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
2HdA	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
2Mun	Munjor Fine Sandy Loam, Slightly Wet Variant	5	86	0.24	3	3	3
CbCW	Coly Silt Loam, 3 to 10 Percent Slopes	5	86	0.43	3	2	2
Ce	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CH	Coly and Hobbs Soils	5	86	0.43	3	1	1
Fm	Fillmore Silt Loam	4	48	0.37	3	3	3
Gg	Gibbon Silty Clay Loam	5	86	0.32	3	3	3
GH	Geary and Hobbs Soils	5	48	0.32	3	1	1
GsB	Geary Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
GsB3	Geary Soils, 3 to 7 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
GsC	Geary Silt Loam, 7 to 10 Percent Slopes	5	48	0.32	3	2	2
GsC3	Geary Soils, 7 to 10 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
Gv	Gravelly Land	2	310	0.1	1	2	1
Hd	Hord Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Ho	Holdrege Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HoA	Holdrege Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HoA2	Holdrege Silt Loam, 1 to 3 Percent Slopes, Eroded	5	48	0.32	3	3	3
HoB	Holdrege Silt Loam, 3 to 7 Percent Slopes	5	48	0.32	3	2	2
HoB2	Holdrege Silt Loam, 3 to 7 Percent Slopes, Eroded	5	48	0.32	3	2	2
HoC	Holdrege Silt Loam, 7 to 10 Percent Slopes	5	48	0.32	3	2	2
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HsA	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
Hu	Humbarger Silt Loam	5	86	0.32	3	3	3
HwB3	Holdrege Soils, 3 to 7 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
HwC3	Holdrege Soils, 7 to 10 Percent Slopes, Severely Eroded	5	48	0.32	3	2	2
If	Inavale Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Ig	Inavale Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
In	Inavale Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.2	3	3	3
KsD	Kipson Silt Loam, 7 to 31 Percent Slopes	2	86	0.32	1	1	1
M	Marsh	2	0	0.37	3	3	3
Mp	McCook Fine Sandy Loam	5	86	0.2	3	3	3
Mul	Munjor Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	1	3	1
Mun	Munjor Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
Mv	McCook Silt Loam	5	86	0.32	3	3	3
MwD	Meadin Loam, 8 to 31 Percent Slopes	3	56	0.28	3	1	1
RB	Rough Broken Land, Loess	5	86	0.43	3	1	1
Rc	Roxbury Silt Loam	5	86	0.32	3	3	3
Rv	Rough Stony Land	5	86	0.43	3	1	1
Sx	Sandy Alluvial Land	2	134	0.15	1	3	1
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
W	Water	0	0	0	2	2	2
WcC	Wakeen Silt Loam, 3 to 10 Percent Slopes, Eroded	4	86	0.32	3	2	2
WcC2	Wakeen Silt Loam, 3 to 10 Percent Slopes	4	86	0.32	3	2	2
WcE	Wakeen Silt Loam, 10 to 31 Percent Slopes	4	86	0.32	3	1	1

HIGHLY ERODIBLE LAND REPORT

Survey Area: Webster County, Nebraska

1990 Frozen Factors
C Factor = 0.3
R Factor = 150

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
Wx	Wet Alluvial Land	5	0	0.28	3	3	3
zp	Gravel Pits	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: Wheeler County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
An	Anselmo Fine Sandy Loam, 0 to 2 Percent Slopes	5	86	0.2	3	3	3
AnC	Anselmo Fine Sandy Loam, 2 to 6 Percent Slopes	5	86	0.2	3	3	3
Bg	Blown Out Land-Valentine Complex, 6 to 60 Percent Slopes	3	250	0.15	1	2	1
BsB	Boelus Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
BsC	Boelus Loamy Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
CoD2	Coly Silt Loam, 6 to 11 Percent Slopes, Eroded	5	86	0.43	3	2	2
CoF	Coly Silt Loam, 17 to 30 Percent Slopes	5	86	0.43	3	1	1
CpG	Coly-Hobbs Silt Loams, 2 to 60 Percent Slopes	5	86	0.43	3	2	2
CuE2	Coly-Uly Silt Loams, 11 to 17 Percent Slopes, Eroded	5	86	0.43	3	1	1
DuB	Dunday Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
DuC	Dunday Loamy Fine Sand, 3 to 6 Percent Slopes	5	134	0.17	3	3	3
Eb	Els Loamy Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
EfB	Els-Ipage Fine Sands, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
Em	Elsmere Loamy Fine Sand, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
EnB	Elsmere-Ipage Loamy Fine Sands, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Ep	Elsmere-Loup Complex, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Eu	Elsmere-Selia Loamy Fine Sands, 0 to 2 Percent Slopes	5	134	0.17	3	3	3
Fu	Fluvaquents, Sandy	5	0	0.17	3	3	3
GfB	Gates Very Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.37	3	3	3
GfC	Gates Very Fine Sandy Loam, 3 to 6 Percent Slopes	5	86	0.37	3	2	2
GfD	Gates Very Fine Sandy Loam, 6 to 11 Percent Slopes	5	86	0.37	3	2	2
Gk	Gibbon Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
HaB	Hall Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HeB	Hersh Fine Sandy Loam, 0 to 3 Percent Slopes	5	86	0.24	3	3	3
Hk	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
HtB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
IfB	Ipage Fine Sand, 0 to 3 Percent Slopes	5	220	0.15	1	3	1
IgB	Ipage Loamy Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
LfB	Libory Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
Ln	Loretto Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Lo	Loup Fine Sandy Loam, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Lr	Loup Fine Sandy Loam, Wet, 0 to 2 Percent Slopes	5	0	0.2	3	3	3
Ma	Marlake Loamy Fine Sand, 0 to 2 Percent Slopes	2	0	0.17	3	3	3
Nb	Nimbro Silt Loam, 0 to 2 Percent Slopes	5	48	0.28	3	3	3
Or	Ord Loam, 0 to 2 Percent Slopes	5	86	0.28	3	3	3
Tn	Tryon Loamy Fine Sand, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Tp	Tryon Loamy Fine Sand, Wet, 0 to 2 Percent Slopes	5	0	0.17	3	3	3
Ts	Tryon-Inavale Complex, Channeled	5	0	0.17	3	3	3
UbC	Uly Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
UbD2	Uly Silt Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
VaB	Valentine Fine Sand, 0 to 3 Percent Slopes	5	250	0.15	1	3	1
VaD	Valentine Fine Sand, 3 to 9 Percent Slopes	5	250	0.15	1	3	1
VaE	Valentine Fine Sand, Rolling	5	250	0.15	1	2	1
VaF	Valentine Fine Sand, Rolling and Hilly	5	250	0.15	1	2	1
VeB	Valentine Loamy Fine Sand, 0 to 3 Percent Slopes	5	134	0.17	3	3	3
VfD	Valentine-Dunday Loamy Fine Sands, 3 to 9 Percent Slopes	5	134	0.17	3	3	3

HIGHLY ERODIBLE LAND REPORT

Survey Area: Wheeler County, Nebraska

1990 Frozen Factors
C Factor = 0.25
R Factor = 125

HEL Classification
1 = HEL
2 = PHEL
3 = NHEL

Symbol	Soil Map Unit Name	T	I	K	Wind	Water	Map Unit
VmD	Valentine-Els Fine Sands, 0 to 9 Percent Slopes	5	250	0.15	1	3	1
W	Water	0	0	0	2	2	2
zwa	Water > 40 Acres	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2

HIGHLY ERODIBLE LAND REPORT

Survey Area: York County, Nebraska

Symbol	Soil Map Unit Name	1990 Frozen Factors C Factor = 0.2 R Factor = 150 T	I	K	HEL Classification 1 = HEL 2 = PHEL 3 = NHEL Wind	Water	Map Unit
Bu	Butler Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Ce	Crete Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
CeB	Crete Silt Loam, 1 to 3 Percent Slopes	4	48	0.37	3	3	3
Fm	Fillmore Silt Loam, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
Fo	Fillmore Silt Loam, Drained, 0 to 1 Percent Slopes	4	48	0.37	3	3	3
GeC2	Geary Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	48	0.32	3	2	2
GeD2	Geary Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	48	0.32	3	2	2
GhG	Geary-Hobbs Silt Loams, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
Ha	Hall Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
Hs	Hastings Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HsB	Hastings Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HsC	Hastings Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
HsD	Hastings Silt Loam, 6 to 11 Percent Slopes	5	48	0.32	3	2	2
HuC2	Hastings Silty Clay Loam, 3 to 6 Percent Slopes, Eroded	5	38	0.32	3	2	2
HuD2	Hastings Silty Clay Loam, 6 to 11 Percent Slopes, Eroded	5	38	0.32	3	2	2
Hv	Hobbs Silt Loam, 0 to 2 Percent Slopes	5	48	0.32	3	3	3
Hw	Holder Silt Loam, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HwB	Holder Silt Loam, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HwC	Holder Silt Loam, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Hx	Hord Silt Loam, Terrace, 0 to 1 Percent Slopes	5	48	0.32	3	3	3
HxB	Hord Silt Loam, Terrace, 1 to 3 Percent Slopes	5	48	0.32	3	3	3
HyC	Hord Complex, 3 to 6 Percent Slopes	5	48	0.32	3	2	2
Ma	Marsh	2	0	0.37	3	3	3
Sc	Scott Silt Loam, 0 to 1 Percent Slopes	3	48	0.37	3	3	3
Sy	Silty Alluvial Land	5	48	0.32	3	3	3
UhG	Uly-Hobbs Silt Loams, 11 to 30 Percent Slopes	5	48	0.32	3	1	1
W	Water	0	0	0	2	2	2
zp	Gravel Pits	0	0	0	2	2	2
zwb	Water < 40 Acres	0	0	0	2	2	2