

ESIS / NASIS

THE CONNECTION

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National Soil Survey Center**





Ecological Site Description System - Microsoft Internet Explorer

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Address <https://esis.sc.egov.usda.gov/ESD/pgPhysiographicFeatures.aspx> Go Links

United States Department of Agriculture
NRCS Natural Resources Conservation Service
Ecological Site Description

Plants ESIS ESD ESI Forestland ESI Rangeland

Reports
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Data Access
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> Select ESD
Data Type
> General Data
> Physiographic Data
> Climate Data
> Water Data
> Soil Data
> Plant Community Data
> Site Interpretations
> Supporting Information

Representative Physiographic Features

Ecological Site Description ID: R106XY075NE

Physiographic Features Narrative:

The site occurs on nearly level to steep slopes, on stream terraces, foot slopes, and uplands.

Landform: Loess hill

(enter up to 3 values) None Selected

Stream terrace

Aspect:
(select up to 3 values)

North South East West

Internet



Reports

> Approved Reports

Data Access

- > Data Edit/Entry, Download, Reports
- > GSAT Downloads
- > ESD Options
- > Select ESD

Data Type

- > General Data
- > Physiographic Data
- > Climate Data
- > Water Data
- > Soil Data
- > Plant Community Data
- > Site Interpretations
- > Supporting Information

Representative Soil Features

Ecological Site Description ID: R106XY075NE

Soil Features Narrative:

The feature common to all soils in this site are their loamy and silty textured surface layers and the lack of any moisture other than normal precipitation.

Parent Material Kind:

till, unspecified

Parent Material Origin:

conglomerate, unspecified

Surface Texture:

sicl | | cl

Surface Texture Modifier:

None Selected | None Selected | None Selected

Subsurface Texture Group:

Loamy

NASIS Report Manager :0



NASIS Site: NSSC Pangaea

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Report Name:

- CORR - Series Extent (permanent dataset)
- CORR - Series Extent (selected set)
- CORR - Taxonomy data download by MLRA - (selected data)
- ECOL - Ecol. Site Chem. Soil Properties**
- ECOL - Ecol. Site Phys. Soil Properties 1
- ECOL - Ecol. Site Phys. Soil Properties 2
- ECOL - Ecol. Site Water Features
- ECOL - Forestland suitability by comp name
- ECOL - Forestland suitability by ord symbol
- EXAMPLE - Aliases
- EXAMPLE - EXISTS Subquery
- EXAMPLE - Geomorphic Position

Report Description:

This report is intended to be used to help develop ranges of properties for ecological site descriptions.

It works best if the selected set includes ONLY components linked to the same Ecological Site ID. A query is available to select components by ecological site ID.

The report outputs the electrical conductivity, SAR, and pH for components in the selected set.

Preview

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NASIS Site: Local National Ready for Use Only

<p>Report Name:</p> <ul style="list-style-type: none">CORR - Series Extent (permanent dataset)CORR - Series Extent (selected set)CORR - Taxonomy data download by MLRA - (selected data)ECOL - Ecol. Site Chem. Soil PropertiesECOL - Ecol. Site Phys. Soil Properties 1ECOL - Ecol. Site Phys. Soil Properties 2ECOL - Ecol. Site Water FeaturesECOL - Forestland suitability by comp nameECOL - Forestland suitability by ord symbolEXAMPLE - AliasesEXAMPLE - EXISTS SubqueryEXAMPLE - Geomorphoc Position	<p>Report Description:</p> <p>NOTICE: This report has been revised to correctly output surface and horizon fragments.</p> <p>This report is intended to be used to help develop ranges of properties for ecological site descriptions.</p> <p>It works best if the selected set includes ONLY components linked to the same Ecological Site ID. A query is available to select components by ecological site ID.</p> <p>The report outputs the parent material kind and origin, surface fragment cover percent, horizon textures and fragment content for components in the selected set.</p>
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NASIS Report Manager :0



NASIS Site: NSSC Pangaea

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Report Name:

CORR - Series Extent (permanent dataset)
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ECOL - Forestland suitability by ord symbol
EXAMPLE - Aliases
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EXAMPLE - Geomorphic Position

Report Description:

This report is intended to be used to help develop ranges of properties for ecological site descriptions.

It works best if the selected set includes ONLY components linked to the same Ecological Site ID. A query is available to select components by ecological site ID.

The report outputs the slope, elevation, landforms, runoff class, drainage class(s), permeability class, soil depth, and AWC to 40 inches for the components in the selected set.

Preview

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Cancel

Help

NASIS Report Manager :0 [Minimize] [Maximize] [Close]

NASIS Site: [v] Ready for Use Only

Report Name:	Report Description:
CORR - Series Extent (permanent dataset)	<p>This report is intended to be used to help develop ranges of properties for ecological site descriptions.</p> <p>It works best if the selected set includes ONLY components linked to the same Ecological Site ID. A query is available to select components by ecological site ID.</p> <p>Use this report to print out the range of water feature data for components with the same component name based on contents of the selected set.</p> <p>The report also prints the Ecological Site ID.</p>
CORR - Series Extent (selected set)	
CORR - Taxonomy data download by MLRA - (selected data)	
ECOL - Ecol. Site Chem. Soil Properties	
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EXAMPLE - Geomorphic Position	

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Data Mapunit

DMU ID	DMU Description	Farm Class	HEL	HEL Water
P 32814	633001	0	highly erodible	not highly erodible

Component

Seq	Comp %			Component Name	Kind	Major Component	SI
	Low	RV	High				
-		70		ARNTZ	P series	yes	MAP10-14

Component Ecological Site

Seq	Ecological Site ID	Ecological Site Name	Rec ID
-	R035XA109AZ	Gypsum Upland 10-14" p.z.	11870

NASIS

NASIS - NSSC Data :0

File Edit View Options

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CLEAR CANCEL

Ecological Site ID	Ecological Site Name	Ecological Site Type
R060AY006NE	Clayey Overflow - Veg. zone 1	C R
R060AY008NE	Sandy Lowland - Veg. zone 1	C R
R060AY009NE	Saline Lowland - Veg. zone 1	C R
R060AY014NE	Clayey - Veg. zone 1	C R
R060AY015NE	Silty - Veg. zone 1	C R
R060AY016NE	Limy Upland - Veg. zone 1	C R
R060AY017NE	Saline Upland - Veg. zone 1	C R
R060AY018NE	Shallow Clay - Veg. zone 1	C R
R060AY020NE	Shallow to Gravel - Veg. zone 1	C R
R060AY021NE	Panspots - Veg. zone 1	C R
R060AY027NE	Clayey Overflow - Veg. zone 2	C R
R060AY035NE	Clayey - Veg. zone 2	C R

ESIS

Microsoft Internet Explorer

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Agriculture
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Ecological Site Description

EST Forestland EST Rangeland

Ecological Site Description Selection

Select a Range Site to Edit

ID	Type	MLRA	Site Name
R060AY006NE	R	060A	Clayey Overflow - Veg. zone 1
R060AY008NE	R	060A	Sandy Lowland - Veg. zone 1
R060AY009NE	R	060A	Saline Lowland - Veg. zone 1
R060AY014NE	R	060A	Clayey - Veg. zone 1
R060AY015NE	R	060A	Silty - Veg. zone 1
R060AY016NE	R	060A	Limy Upland - Veg. zone 1
R060AY017NE	R	060A	Saline Upland - Veg. zone 1
R060AY018NE	R	060A	Shallow Clay - Veg. zone 1
R060AY020NE	R	060A	Shallow to Gravel - Veg. zone 1
R060AY021NE	R	060A	Panspots - Veg. zone 1
R060AY027NE	R	060A	Clayey Overflow - Veg. zone 2
R060AY035NE	R	060A	Clayey - Veg. zone 2
R060AY037NE	R	060A	Limy Upland - Veg. zone 2

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Object Status
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Default Group
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CLEAR

CANCEL

66832

Cell Status
Protected

ZOOM

Data Mapunit

DMU ID	DMU Description	Farm Class	HEL	HEL Water
P 66832	001AdB	0		

Component

ns Tree	Windbreak Suitability	Range Prod			Forage Suitability	Forage Suitability
Sub Group	(Obsolete)	Low	RV	High	Group Type	Group MLRA
-		500	1000	1500		

Component Ecological Site

Seq	Ecological Site ID	Ecological Site Name	Rec ID
-	R067XY033C0	Salt Flat	35939

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Object Status
Protected

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Default

Default Group
Grazing Lands

HELP

CLEAR CANCEL 774286

Cell Status
Protected

ZOOM

Data Mapunit

DMU ID	DMU Description	Farm Class	HEL	HEL Water
P 70071	001Bu RRZ	2	not highly erodible	not highly erodible

Component

ns Tree	Windbreak Suitability	Range Prod			Forage Suitability	Forage Suitability
Sub Group	(Obsolete)	Low	RV	High	Group Type	Group MLRA
-	S	3000	3400	3800		

Component Existing Plants

Seq	Local Plant Symbol	Local Plant Name	Understory Prod %	Range Prod %	Rec ID
-	BOCU	sideoats grama		5	774283
-	PASM	western wheatgrass		25	774282
-	PAVI2	switchgrass		5	774284
-	PPFF	other perennial forbs		5	774285
-	PPGG	other perennial grasses		5	774286
-	SCSC	little bluestem		15	774287
-	SONU2	yellow Indiangrass		5	774288
-	SSSS	other shrubs		5	774289









