

Major Land Resource Area 120A

Kentucky and Indiana Sandstone and Shale Hills and Valleys, Southern Part

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Ecological site keys

120A PES Key (dichotomous)

1a. Non [not] Human Transported Materials or Mine Spoils

2a. Not water-deposited (Alluvium, Lacustrine) materials otherwise e.g., Uplands (Residuum, Colluvium)

3a. No Fragipan present

4a. Sandy or Loamy-skeletal - Loamy Skeletal Uplands... F120AY008KY ... F120AY008KY – Loamy Skeletal Uplands

4b. Not Loamy-skeletal

5a. Soil Depth: Not Shallow - Moderately Deep Sandstone-Shale Uplands... F120AY005KY ... F120AY005KY – Moderately Deep Sandstone-Shale Uplands

5b. Soil Depth: Shallow - Shallow Sandstone Uplands... F120AY006KY ... F120AY006KY – Shallow Sandstone Uplands

3b. Fragipan present - Fragipan Uplands... F120AY002KY ... F120AY002KY – Fragipan Uplands

2b. Wind deposited Eolian material or water deposited Alluvium or Lacustrine material

6a. Wind deposited Eolian materials - Loess and Dunes

7a. No Fragipan present

8a. Eolian Dunes or sands – go to: Well Drained High Terraces F120AY010KY ... F120AY010KY – Well-Drained High Terraces

8b. Eolian Loess

9a. Thin Loess/Loess capped - Loess Veneered Sandstone-Shale Uplands... F120AY004KY ... F120AY004KY – Loess Veneered Sandstone-Shale Uplands

9b. Formed in Loess

10a. Not poorly-drained or very poorly-drained

11a. Slopes equal to or less than 10 percent - Deep Loess... F120AY001KY ... F120AY001KY – Deep Loess

11b. Slopes greater than 10% - Loess Uplands... F120AY003KY ... F120AY003KY – Loess Uplands

10b. Poorly-drained or very poorly-drained – go to: Saturated Flats F120AY014KY ... F120AY014KY – Saturated Flats

7b. Fragipan present - go to: Fragipan Uplands F120AY002KY ... F120AY002KY – Fragipan Uplands

6b. Water deposited - Alluvium or Lacustrine material

12a. Not actively flooded (to rarely flooded) Alluvium or Lacustrine material –Terraces and Lacustrine

**13a. Excessively-drained to well-drained - Well Drained High Terraces... F120AY010KY ... F120AY010KY –
Well-Drained High Terraces**

13b. Well-drained and Moderately well-drained to very poorly-drained

14a. Well drained and moderately well-drained – Well Drained And Moderately Well Drained Terraces...

**F120AY011KY ... F120AY011KY – Well Drained And Moderately Well Drained
Terraces**

14b. Somewhat poorly-drained to very poorly drained

**15a. Somewhat poorly-drained - Moist Terraces... F120AY013KY ... F120AY013KY – Moist
Terraces**

**15b. Poorly-drained to very poorly-drained - Saturated Flats... F120AY014KY ... F120AY014KY –
Saturated Flats**

12b. Actively flooded - Floodplains and Drainageways

16a. Excessively-drained to well-drained

**17a. Headwaters with narrow floodways - Loamy Alluvial Headwaters... F120AY015KY ... F120AY015KY –
Loamy Alluvial Headwaters**

17b. Not headwaters

**18a. Loamy, - Riverbank Loamy Alluvium... F120AY018KY ... F120AY018KY – Riverbank
Loamy Alluvium**

**18b. Silty - Well Drained Silty Alluvium... F120AY017KY ... F120AY017KY – Well Drained Silty
Alluvium**

16b. Somewhat poorly-drained to very-poorly-drained

**19a. Somewhat poorly-drained to moderately well-drained floodplains - Moist Silty Alluvium... F120AY019KY ...
F120AY019KY – Moist Silty Alluvium**

19b. Poorly-drained to very poorly-drained

**20a. Poorly Drained to very poorly-drained and NOT mapunits labelled “ponded” - Wet Alluvial Flats...
F120AY020KY ... F120AY020KY – Wet Alluvial Flats**

**20b. “Ponded” labelled mapunits: - Ponded Alluvial Flats... F120AY022KY ... F120AY022KY –
Ponded Alluvial Flats**

1b. Human Transported material or Mine Spoils

21a. Not poorly-drained or very poorly-drained - RESERVED

21b. Poorly- drained or very poorly-drained - RESERVED

I. Uplands

A. Formed in Loess

1 Slopes less than 10% ... F120AY001KY – Deep Loess

2 Slopes greater than 10% ... F120AY003KY – Loess Uplands

B. Loess- Capped ... F120AY004KY – Loess Veneered Sandstone-Shale Uplands

C. Fragipan ... F120AY002KY – Fragipan Uplands

D. No Fragipan

1 Depth: Moderately Deep ... F120AY005KY – Moderately Deep Sandstone-Shale Uplands

2 Depth: Shallow ... F120AY006KY – Shallow Sandstone Uplands

3 Sandy or Loamy Skeletal ... F120AY008KY – Loamy Skeletal Uplands

II. Upland Flats ... F120AY014KY – Saturated Flats

III. High Terraces ... F120AY010KY – Well-Drained High Terraces

IV. Terraces

A. Well Drained and Moderately Well Drained ... F120AY011KY – Well Drained And Moderately Well Drained Terraces

B. Moist (SWPD) ... F120AY013KY – Moist Terraces

V. Floodplains

A. Well Drained Headwaters ... F120AY015KY – Loamy Alluvial Headwaters

B. Well Drained Floodplains

1 Loamy ... F120AY018KY – Riverbank Loamy Alluvium

2 Silty ... F120AY017KY – Well Drained Silty Alluvium

C. Somewhat poorly drained to Moderately Well Drained Floodplains ... F120AY019KY – Moist Silty Alluvium

D. Poorly Drained

1 Wet Alluvial Flats ... F120AY020KY – Wet Alluvial Flats

2 Ponded Alluvial Flats (Ponded mapunits) ... F120AY022KY – Ponded Alluvial Flats