

# Ecological site F111XB404IN Dry Outwash Upland

Accessed: 05/15/2024

# **General information**

**Provisional**. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

# Physiographic features

#### **Climatic features**

Table 2. Representative climatic features

Frost-free period (average)	147 days
Freeze-free period (average)	175 days
Precipitation total (average)	991 mm

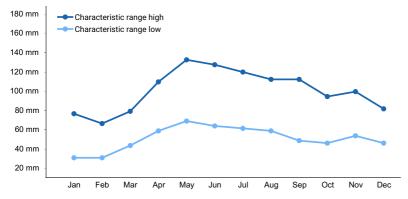


Figure 1. Monthly precipitation range

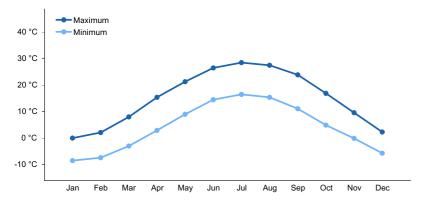


Figure 2. Monthly average minimum and maximum temperature

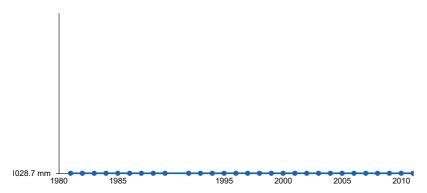


Figure 3. Annual precipitation pattern

#### Climate stations used

- (1) COLUMBIA CITY [USC00121739], Columbia City, IN
- (2) HILLSDALE [USC00203823], Hillsdale, MI
- (3) BELLEFONTAINE [USC00330563], Bellefontaine, OH
- (4) LIMA WWTP [USC00334551], Lima, OH
- (5) UPPER SANDUSKY [USC00338534], Upper Sandusky, OH
- (6) CHELSEA [USC00201502], Chelsea, MI
- (7) MORENCI [USC00205603], Morenci, MI
- (8) PONTIAC WWTP [USC00206658], Auburn Hills, MI
- (9) MARION 2 N [USC00334942], Marion, OH
- (10) MONTPELIER [USC00335438], Montpelier, OH

# Influencing water features

#### Soil features

# **Ecological dynamics**

#### State and transition model

# Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

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Da	ite		
Αp	proved by		
Αp	proval date		
Co	emposition (Indicators 10 and 12) based on	Annual Production	
	dicators  Number and extent of rills:		
2.	Presence of water flow patterns:		
3.	Number and height of erosional pedesta	als or terracettes:	
4.	Bare ground from Ecological Site Describare ground):	iption or other stud	dies (rock, litter, lichen, moss, plant canopy are not
5.	Number of gullies and erosion associate	ed with gullies:	
6.	Extent of wind scoured, blowouts and/o	r depositional area	as:
7.	Amount of litter movement (describe size	e and distance exp	pected to travel):
8.	Soil surface (top few mm) resistance to values):	erosion (stability v	values are averages - most sites will show a range of
9.	Soil surface structure and SOM content	(include type of st	tructure and A-horizon color and thickness):
10.	Effect of community phase composition distribution on infiltration and runoff:	ı (relative proportio	on of different functional groups) and spatial
11.	Presence and thickness of compaction mistaken for compaction on this site):	layer (usually none	e; describe soil profile features which may be

12. Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live

foliar cover using symbols: >>, >, = to indicate much greater than, greater than, and equal to):

Contact for lead author

	Sub-dominant:
	Other:
	Additional:
13.	Amount of plant mortality and decadence (include which functional groups are expected to show mortality or decadence):
14.	Average percent litter cover (%) and depth ( in):
15.	Expected annual annual-production (this is TOTAL above-ground annual-production, not just forage annual-production):