

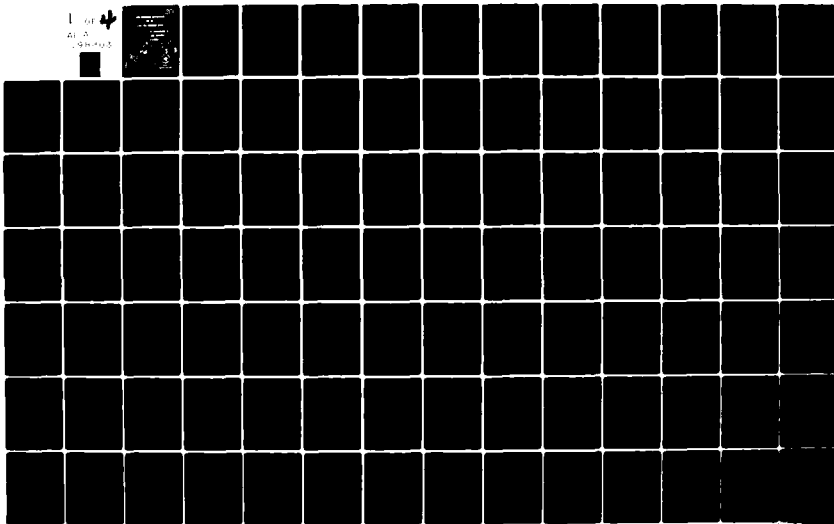
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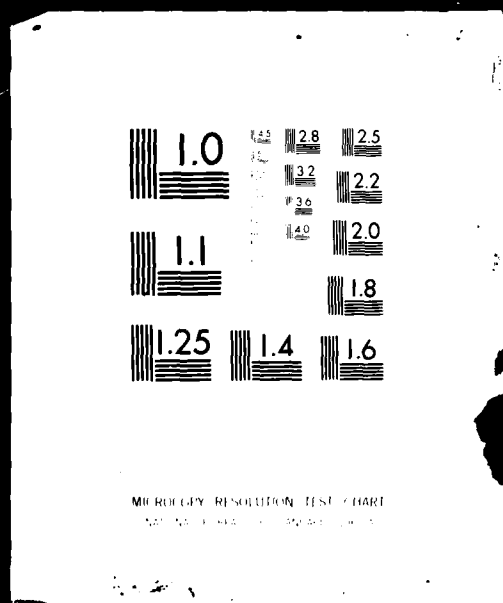
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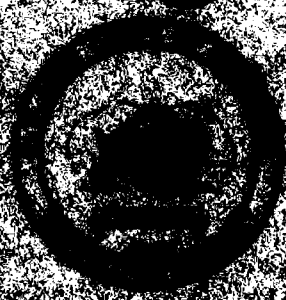
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⑥
**LAND RESOURCES INFORMATION
FOR THE
LAKE ERIE DRAINAGE BASIN.
CO-OCCURRENCE OF LAND RESOURCE FEATURES.**

**VOLUME III.
SANDUSKY RIVER BASIN.**

⑫ 293

1095302 ⑪ Mar 79 /

by
**RESOURCE MANAGEMENT ASSOCIATES
WEST CHESTER, PENNSYLVANIA**

⑬ DACW 49-78-C-0949

**LAKE ERIE WASTEWATER MANAGEMENT STUDY
U.S. ARMY ENGINEER DISTRICT, BUFFALO
1776 NIAGARA STREET
BUFFALO, NEW YORK
MARCH 1979**

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Table of Contents

	<u>Page</u>
Introduction	iii
List of Co-occurrence Tables	viii
Co-occurrence Tables	1
References	281

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Introduction

This report is a summary inventory of the land resource features of the United States portion of the Lake Erie Drainage Basin. It is presented in four volumes, of which this is Volume III.

The inventories presented in these volumes have been accomplished through the use of the Lake Erie Land Resources Information System. The LRIS is a georeferenced grid cell-based system which includes spatially arrayed data on land uses, soil phases, minor watershed, and minor civil division location. These four attributes are coded by defined numeric values for each of more than 750,000 grid cells throughout the Lake Erie Basin. The soil phase code is further backed by a soil properties information file which contains physical/chemical properties data on the more than 3,000 soil phases inventoried in the basin.

The computation method used in this report is a simple counting of the unique occurrences of the various attributes. For example, in Volume I, only single features of/and resources are counted. Within a given watershed, each occurrence of a land use is counted. The number of occurrences times a scaling factor representing the land area of each cell gives the area of the basin in each category. In Volume II, III, and IV, unique occurrences of land uses and soil phases or unique soil properties are counted. This type of counting yields categories such as cropland on soils which have slopes in excess of 18 percent, or soils which have high intrinsic erodability (high K factor) and high slopes. Inventories such as these are used to describe watersheds and screen those which may have a high potential for water pollution due to soil erosion.

Description of Land Use and Land Resource Factor Tables

Co-occurrence tables
This volume includes the dual resource features summary tables listed in Table 1 and for the Sandusky River Basin and its subbasins as listed in the table of contents. Two other volumes include similar information for the remaining watersheds.

Table 1 - Tabular Summaries of Land Resource Features

Dual Feature Summaries

Land Use and Soil Permeability
Soil Permeability and Slope
Land Use and Slope
Land Use and Soil Texture
Soil Texture and Slope
Slope and Soil Erodability
Soil Texture and Erodability
Land Use and Erodability
Land Use and Soil Drainage Class
Land Use and Soil Capability Class

The report is organized with each of the summaries listed in Table 1 given together so that a complete description of each watershed is given as a single unit. The categories of each feature given in the summaries are given in Table 2. In the dual feature summaries, each factor in each category of Table 2 is counted with each factor of another category as listed in Table 1. The classes in each summary are generally self explanatory, but a few notes are necessary.

The major land use categories are highly generalized from the raw data contained in the LRIS data files. The generalized codes are those which were used in the running of the soil loss equation for the Lake Erie basin and are a subset of 51 detailed categories. Table 3 lists the codes which were aggregated into the major land use categories. The definitions of these codes are given in (1).

The permeability tables give the permeability of both the surface and most limiting horizon of the soil profile. The first column gives the acreage of the basin with soils which have surface horizon permeability in the 0.01 to 0.09 IN/HR range. The remaining columns give acreage of basins with soils which have their most limiting horizon in any of the given classes.

The intrinsic erodability tables inventory the acreage of each basin in each of the K factor soil erodability groups. The K factor is the soil erodability factor of the Universal Soil Loss Equation.

Slope values are given as ranges of percentage slope of the land. The inventory is actually an accumulation of acreage of all land on soils which had been assigned unique slope values. Unique slope values represent the median value of all slopes observed for each soil as field determined in the, as of this publishing, unpublished United States Department of Agriculture, Soil Conservation Service's 1% National Erosion Study of 1977-78.

Figure 1 is a facsimile of a page from this report. It illustrates the organization and meaning of the information presented. The numbers in each section (a section is as the area outlined by the ellipse on the upper lefthand side of Figure 1) represent the summary co-occurrence of two land resource features. In Figure 1, the co-occurrence of the slope of the land surface and the erodability of the soils of the Cattaraugus Creek are inventoried. Soil erodability factors ranging from 0.10 to 0.49 are arrayed across the top of the table. Slope values from 0.2 percent to 18 percent or greater are arrayed vertically at the left side.

Again, each section of numbers represents the intersection of all cells within the watershed which have the same value of slope and soil erodability. In the outlined example, one square mile of the Cattaraugus Creek watershed is on soils with a slope of 0.5 percent and soil erodability of $K = 0.10$; 12.1 percent of the land having 0.5 percent slope has $K = 0.1$; 59.1 percent of the land having $K = 0.1$ has slope equal 0.5 percent; and 0.3 percent of the total watershed is in this slope and soil erodability class. In the ellipse at the upper right, a summary of the row totals is given: 11 square miles or 2.7 percent of the watershed has a slope of 0.5 percent. At the lower right, a column summary is given: 75 square miles or 18.5 percent of

Table 2 - Land Resource Feature Summary Categories

<u>Major Land Use Categories</u>	<u>Texture of Surface Horizon</u>
1. Cropland	1.1 Clay
2. Vineyard	1.2 Silty Clay
3. Pasture	1.3 Sandy Clay
4. Forest	2.1 Silty Clay Loam
5. Water	2.2 Clay Loam
6. Other	2.3 Sandy Clay Loam
7. Missing	3.1 Loam
	3.2 Silty Loam
<u>Permeability, Low Value in Horiz. (In/Hr)</u>	3.3 Very Fine Sandy Loam
	3.4 Silt
1. Surface .01 to 0.09	4.1 Sandy Loam
2. Below .01 to 0.09	4.2 Fine Sandy Loam
3. All .10 to 0.19	5.1 Sand
4. All .20 to 0.59	5.2 Fine Sand
5. All .60 to 1.9	5.3 Very Fine Sand
6. All 2.0 to 5.9	5.4 Loamy Sand
7. All 6.0 or GTR	5.5 Loamy Fine Sand
	5.6 Loamy Very Fine Sand
<u>Intrinsic Erodability (K Factor)</u>	6.1 Muck
	7.1 Nonsoil
0.10 0.10	7.2 Urban Land Complex
0.15 0.15	
0.17 0.17	
0.20 0.20	<u>Land Capability Class, With Limits</u>
0.24 0.24	
0.28 0.28	1. 1
0.32 0.32	2. 2S
0.37 0.37	3. 2E
0.43 0.43	4. 2W
0.49 0.49	5. 3S
	6. 3E
	7. 3W
<u>Slope Value (%)</u>	8. 4S
	9. 4E
0.2 Less than 0.2	10. 4W
0.5 0.5	11. 5S
1.0 1.0	12. 5E
2.0 2.0	13. 5W
4.0 3-5	14. 6S
7.0 6-8	15. 6E
10.0 9-11	16. 6W
13.0 12-14	17. 7S
16.0 15-17	18. 7E
18.0 18 or GTR	19. 7W
	10. Other
<u>Drainage Characteristics</u>	
1. Very Poorly Drained	
2. Poorly Drained	
3. Somewhat Poorly Drained	
4. Moderately Well Drained	
5. Well Drained	
6. Somewhat Excessively Drained	
7. Excessively Drained	

Table 3 - Generalized Land Use Summary LRIS Code Aggregation

Major Land Use Category	:	LRIS Land Use Codes Included
Cropland	:	20, 21, 22, 24, 26, 29, 30
Vineyard/Orchard	:	23
Grassland	:	16, 18, 25, 27, 28, 31, 84, 87
Woodland	:	41-45
Water	:	51-55
Other Land Uses	:	8-15, 17, 19, 61, 61, 71-76, 81-83, 85, 86, 88

Figure I- Example of Dual Feature Summaries - Slope vs. Soil Erodability
for Cattaraugus Creek at Covada

Count	0.10	0.17	0.20	0.24	0.28	0.32	0.37	0.43	0.49	Total
Row Pct	1	0	0	1	0	0	0	0	0	2
Col Pct	42.9	0.0	0.0	57.1	0.0	0.0	0.0	0.0	0.0	0.5
Tot Pct	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	
Slope Value Less Than 0.2	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	11
	12.1	0.0	4.7	31.8	5.6	36.4	1.9	3.7	3.7	2.7
	59.1	0.0	0.4	3.4	15.8	14.0	2.5	7.7	0.5	
	0.3	0.0	0.1	0.8	0.1	1.0	0.0	0.1	0.1	
1 Sq. mile of basin in class 12.1 percent of basin in class 0.3 percent of this soil erodability in this slope class	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	15
	0.0	9.2	11.8	2.0	5.3	30.9	0.7	4.6	35.5	3.8
	0.0	2.2	1.5	0.3	21.1	16.8	1.3	13.5	7.2	
	0.0	0.3	0.4	0.1	0.2	1.2	0.0	0.2	1.3	
2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	56
	0.0	36.6	4.8	11.8	1.3	5.7	6.6	1.6	29.4	13.8
	0.0	32.5	2.2	6.7	18.4	11.5	60.8	17.3	22.0	
	0.0	5.1	0.7	1.6	0.2	0.8	1.2	0.2	4.1	
3-5	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	5
	0.0	25.0	11.5	42.3	0.0	0.0	0.0	0.0	21.2	1.3
	0.0	2.1	0.5	2.2	0.0	0.0	0.0	0.0	1.5	
	0.0	0.3	0.1	0.5	0.0	0.0	0.0	0.0	0.0	
6-8	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	138
	0.0	17.2	27.0	27.9	1.0	7.3	1.6	1.8	16.1	36.2
	0.0	37.9	31.0	39.0	36.8	36.2	27.8	48.1	29.8	
	0.0	5.9	9.2	9.5	0.3	2.5	0.5	0.6	5.5	
9-11	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	106
	0.0	8.6	39.6	37.4	0.2	4.4	0.6	0.6	8.7	26.3
	0.0	14.5	35.0	40.3	5.3	16.8	7.6	11.5	12.3	
	0.0	2.3	10.4	9.8	0.0	1.2	0.1	0.1	2.3	
15-17	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	0
	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18 or Greater	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	70
	0.0	9.7	50.3	9.5	0.1	1.9	0.0	0.1	28.3	17.4
	0.0	10.8	29.3	6.8	2.6	4.7	0.0	1.9	26.7	
	0.0	1.7	8.8	1.7	0.0	0.3	0.0	0.0	4.9	
Column Total	2	63	120	99	4	28	8	5	75	403
	0.5	15.6	29.8	24.4	0.9	6.9	2.0	1.3	18.5	100.0

11 Sq. mile of the
Watershed in this
(0.52) slope class
2.7 percent of the
Watershed

1 Sq. mile of the
Watershed in this
(0.49) soil erod-
ability class
18.5 percent of the
Watershed

the watershed is on soils which have soil erodability of $K = 0.49$. The boxed-in area in Figure 1 is an example use of these tables. These four sections total 157 square miles or 38.9 percent of the total watershed area on soils with K from 0.20 to 0.24 and slope from 6 to 11 percent. This indicates that the watershed is dominated by moderately-erodable soils on relatively steep land. It is also interesting to note that 4.9 percent of the watershed is on soils with $K = 0.49$ and slopes equal to or greater than 18 percent. These notations would indicate that there is a large potential for soil erosion problems in the Cattaraugus Creek watershed.

LIST OF CO-OCCURRENCE TABLES

Co-occurrence of Land Resource Features in the Sandusky River Basin

<u>Station</u>	<u>Area Above Station</u>	<u>LRIS No.</u>	<u>Map Code</u>	<u>Page</u>
Sandusky River near Bucyrus, OH	88.8	6	15	
Broken Sword Creek at Nevada, OH	83.8	8	18	
Sandusky River near Upper Sandusky, OH	298	5	14	
Tymochtee Creek at Crawford, OH	229	7	16	
Sandusky River near Mexico, OH	774	4	13	
Honey Creek Tributary - Ackerman Ditch	4.4	28	66	
Honey Creek at Rt. 103 near Waynesburg, OH	15.7	19	35	
Honey Creek Tributary at Scott Road	3.4	27	34	
Honey Creek at Weis Road	26.8	17	32	
Honey Creek Tributary at Weis Road	10.1	18	31	
Honey Creek Tributary - Brokenknife Creek at County Line Road	20.5	26	33	
Honey Creek at Route 4 near Attica, OH	75.6	16	30	

LIST OF CO-OCCURRENCE TABLES (Cont'd)

Co-occurrence of Land Resource Features
in the Sandusky River Basin

<u>Station</u>	<u>Area Above Station</u>	<u>LRIS No.</u>	<u>Map Code</u>	<u>Page</u>
Honey Creek upstream from Aichholz Ditch	95.6	15	29	
Honey Creek Tributary - Aichholz Ditch at County Road 49	16.3	25	28	
Honey Creek upstream from Silver Creek	121.6	14	24	
Honey Creek Tributary - Silver Creek upstream from Marsh	12.1	24	27	
Honey Creek Tributary - Silver Creek downstream from Marsh	16.4	23	26	
Honey Creek Tributary - Silver Creek at Mouth	24.4	22	25	
Honey Creek at Melmore, OH	149	13	17	
Honey Creek Tributary - Buckeye Creek at Rt. 67	5.6	21	23	
Honey Creek at Rt. 231	171	12	22	
Honey Creek Tributary - below Mohawk Lake	5.3	20	21	
Honey Creek at Mouth	187	11		
Rock Creek East at County Road 16	7.0	29	72	
Rock Creek West at County Road 16	13.6	30	71	

LIST OF CO-OCCURRENCE TABLES (Cont'd)

Co-occurrence of Land Resource Features
in the Sandusky River Basin

<u>Station</u>	<u>Area Above Station</u>	<u>LRIS No.</u>	<u>Map Code</u>	<u>Page</u>
E. Br. Wolf Creek near Bettsville, OH	82.3	10	20	
W. Br. Wolf Creek at Bettsville, OH	66.2	9	19	
Sandusky River near Fremont, OH	1,251	3	12	

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LMS

TEXT TEXTURE OF SURFACE HORIZON

CONTROLLING FUR... BASIN SAMPLING STATION BASIN

UV SLOPE

VALUE =

00N URBAN SLOPE VALUE

6. SANDUSKY BUC

PAGE 1 OF 1

TEXT	SLOPE										RCM TOTAL	
	COUNT	LESS THAN 0.5	1.0	3-5	9-11	15-17	18 CR GREATER	18.01	18.01	18.01	18.01	18.01
	RUM PCT	0.2	0.51	1.01	4.01	10.01	16.01	16.01	16.01	16.01	16.01	16.01
	LOU PCT	0.2	0.51	1.01	4.01	10.01	16.01	16.01	16.01	16.01	16.01	16.01
	LOU PCT	0.2	0.51	1.01	4.01	10.01	16.01	16.01	16.01	16.01	16.01	16.01
SILTCLAYLOAM	2.1	10	2	0	0	0	0	0	0	0	13	15.9
		81.9	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		81.9	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		13.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LOAM	3.1	0	0	0	1	0	0	0	0	0	1	1.3
		0.0	0.0	20.0	40.0	0.0	0.0	0.0	0.0	0.0	20.0	1.3
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILTY LUAM	3.2	2	5	27	26	4	0	0	0	0	1	46
		3.5	7.0	41.7	40.2	5.8	0.8	0.8	0.8	0.8	1.1	82.1
		18.1	66.7	97.2	97.8	100.0	100.0	100.0	100.0	100.0	77.8	0.9
		2.9	5.8	34.2	33.0	4.8	0.6	0.6	0.6	0.6	0.9	0.9
FN. SANDYLOAM	4.2	0	0	1	0	0	0	0	0	0	0	1
		0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
		0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	13	7	28	27	4	0	0	0	0	0	1	90
	15.9	8.6	35.2	33.7	4.8	0.6	0.6	0.6	0.6	0.6	1.1	100.0

CDE LRIS CRUSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HGRIZ., IN P HR BY SLOPE VALUE = 6. SANDUSKY @ BUC

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

***** PAGE 1 OF 1

SLOPE												
COUNT	SLOPE											
	0.2	0.5	1.0	3-5	9-11	15-17	18 OR GREATER	ROW TOTAL				
ROW PCT	0.2	0.5	1.0	3-5	9-11	15-17	18 OR GREATER	ROW TOTAL				
COL PCT	0.2	0.5	1.0	3-5	9-11	15-17	18 OR GREATER	ROW TOTAL				
TOT PCT	0.2	0.5	1.0	3-5	9-11	15-17	18 OR GREATER	ROW TOTAL				
2.	0	0	23	17	0	0	0	40				
BELC .01 TO 0.09	0.5	0.0	56.5	42.3	2.2	0.0	0.5	50.2				
	1.6	0.0	80.5	63.0	2.6	0.0	22.2					
	0.3	0.0	28.4	21.3	0.1	0.0	0.3					
4.	12	3	1	9	4	0	0	29				
BELO .20 TO 0.59	40.7	9.2	3.7	30.8	12.5	1.7	1.4	36.9				
	94.5	39.1	3.9	33.7	97.4	100.0	44.4					
	15.0	3.4	1.4	11.4	4.6	0.6	0.5					
5.	0	4	4	0	0	0	0	9				
BELO .60 TO 1.9	5.6	47.2	43.6	2.2	0.0	0.0	1.1	11.1				
	3.9	60.9	13.6	0.7	0.0	0.0	11.1					
	0.6	5.3	4.5	0.3	0.0	0.0	0.1					
6.	0	0	0	1	0	0	0	1				
BELC 2.0 TO 5.9	0.0	0.0	35.7	50.0	0.0	0.0	14.3	1.8				
	0.0	0.0	1.6	2.6	0.0	0.0	22.2					
	0.0	0.0	0.6	0.9	0.0	0.0	0.3					
COLUMN TOTAL	13	7	28	27	4	0	1	80				
	15.9	8.6	35.2	33.8	4.8	0.6	1.1	100.0				

COOCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST., CCE LANE ENIE LRIS

LU MAJOR LAND USE CATEGORIES C P O S T A B U L A T I O N O F D O N U R E A N S L O P E V A L U E
 CONTROLLING FWR...
 BASIN SAMPLING STATION BASIN VALUE = 6. SANDUSKY 2 BUC
 PAGE 1 OF 1

LU	COUNT	SLOPE										ROW TOTAL
		LESS THAN 0.2	0.2-0.5	0.5-1.0	1.0-1.5	1.5-2.0	2.0-2.5	2.5-3.0	3.0-3.5	3.5-4.0	4.0-4.5	
CROPLAND	1.	10	4	23	37.5	33.9	4.4	0.5	0	0	0	62
		16.6	6.3	37.5	77.4	71.1	60.0	55.6	0.6	0	0	77.4
PASTURE	3.	12.9	4.9	29.0	26.3	3.4	0.4	0.6	0	0	0	4.5
		8.3	22.2	33.3	3.3	0.3	0.0	5.6	0	0	0	4.5
FOREST	4.	2.4	11.4	2.8	4.4	7.9	0.0	22.2	0.3	0	0	9.6
		0.4	1.0	1.0	1.5	0.4	0.0	0.3	0	0	0	8
WATER	5.	13.0	11.7	31.2	31.2	7.8	2.6	2.6	0	0	0	2.0
		7.9	13.0	8.5	8.9	15.8	40.0	22.2	0.3	0	0	2.0
OTHER	6.	1.3	1.1	3.0	3.0	0.8	0.3	0.3	0	0	0	6.5
		25.0	50.0	12.5	6.3	6.3	0.0	0.0	0	0	0	5
TOTAL		3.1	11.6	0.7	0.4	2.6	0.0	0.0	0	0	0	6.5
		2.5	1.0	0.3	0.1	0.1	0.0	0.0	0	0	0	80
TOTAL		13	7	28	33.8	4.8	0.6	1.1	0	0	0	100.0
		15.9	8.6	35.3	33.8	4.8	0.6	1.1	0	0	0	100.0

CHI SQUARE = 7.65960 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 0.9994
 CRAMER'S V = 0.15471

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/7/78) BUFFALO DIST. LAKE ERIE LRIS

SLOPE DOWN SLOPE VALUE

CATCHING FUN...

BASIN SAMPLING STATION BASIN

BY KCAC

INTRINSIC ERGABILITY

VALUE = 6. SANDUSKY BUC

PAGE 1 OF 1

COUNT		MFAC												ROW TOTAL	
ROW PCT		0.20	0.24	0.28	0.32	0.37	0.43								
TOT PCT		0.201	0.241	0.281	0.321	0.371	0.431								
SLOPE		0.2	0.2	0.2	0.2	0.2	0.2								
LESS THAN 0.2	0.2	0.0	78.4	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	15.7
	0.0	0.0	100.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	12.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	0.5	0.0	0.0	22.2	46.4	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7	8.6
	0.0	0.0	0.0	35.6	38.1	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	2.0	4.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	1.0	2.1	0.0	0.0	4.0	11.0	13.0	39.0	44.7	13.0	0.0	0.0	0.0	28	35.3
	0.0	100.0	0.0	4.4	45.2	38.5	45.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	4.8	13.8	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3-5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9-11	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-17	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18 OR GREATER	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL		0.0	12.3	5.6	10.5	35.8	35.0	28	60	0.0	0.0	0.0	0.0	0.0	0.0

COOCCURRENCE TABLES

FILE MFI ICREATION DATE = 11/07/781 BUFFALO DIST., CODE LAKE ERIE LR15

CROSS TABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR: TEXTURE OF SURFACE HORIZON BY LU VALUE = 6. SMOUSKY & BUC

PAGE 1 OF 1

COUNT		LU										ROW TOTAL											
CROPLAND		PASTURE		FOREST		WATER		OTHER															
ROW PCT	COL PCT	1.1		3.1		4.1		5.1		6.1		TOTAL											
TOT PCT	TOT PCT	1.1		3.1		4.1		5.1		6.1													
TEXT																							
STILYCLAYLOAM																							
2.1		10		3.9		7.9		3.1		7.1		13											
78.0		16.0		13.9		13.0		25.0		17.3		13.9											
12.4		0.6		1.3		0.5		1.1		1.1													
LOAM																							
3.1		1		0		0		0		0		1											
70.0		10.0		10.0		0.0		0.0		10.0		1.3											
1.1		2.6		1.3		0.0		0.0		1.9													
0.9		0.1		0.1		0.0		0.0		0.1													
STILY LOAM																							
3.2		51		3		6		1		4		66											
77.3		4.6		5.9		1.8		6.6		82.1		82.1											
82.1		83.3		84.9		75.0		80.8		85.3													
23.5		3.6		8.1		1.5		5.3		5.3													
PM SANDYLOAM																							
4.2		1		0		0		0		0		1											
83.3		0.0		16.7		0.0		0.0		0.0		0.8											
0.8		0.0		1.3		0.0		0.0		0.0													
0.6		0.0		0.1		0.0		0.0		0.0													
COLUMN TOTAL																							
42		4.5		8		9.6		2.0		5		80											
77.4		4.5		8		9.6		2.0		5		100.0											

THE SQUARE = 0.50214 WITH 12 DEGREES OF FREEDOM

CRAMER'S V = 0.03990

CHI SQUARE = 0.36214 WITH 12 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.03990

CQE LRIS CROSSSTABS UPDATE

FILE #01 (CREATION DATE - 11/10/78) BUFFALO DIST., CQE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN MCRIZ., IN P HR BY LU CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE - 6: SANDUSKY B DUC PAGE 1 OF 1

		COUNT							ROW TOTAL	
		ROW PCT	CROPLAND	PASTURE	FOREST	WATER	OTHER			
		COL PCT								
		TOT PCT	1-1	3-1	4-1	5-1	6-1			
PENN	2		32	1	3	0	3	40		
BELO .01 TO 0.09	80.1	3.5	38.9	44.2	12.5	57.7		50.3		
	52.0	1.8	4.3	0.3	3.8					
	40.3									
	4		23	1	2	1	2	29		
BELO .20 TO 0.59	76.9	4.7	10.2	2.4	5.8			34.9		
	36.7	38.9	39.6	43.7	32.7					
	28.4	1.8	3.8	0.9	2.1					
	5		6	1	1	1	0	9		
BELO .60 TO 1.9	67.4	7.9	12.4	7.9	4.5			11.1		
	9.7	19.6	14.3	6.8	7.7					
	1.5	0.9	1.4	0.9	0.5					
	6		1	0	0	0	0	1		
BELO 2.0 TO 5.9	71.4	7.1	14.3	0.0	7.1			1.8		
	1.6	2.8	2.6	0.0	1.9					
	1.3	0.1	0.3	0.0	0.1					
COLUMN TOTAL	62	4	8	2	5			80		
	77.4	4.5	9.6	2.0	6.5			100.0		

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO LIST-CUP LAKE ENR LRIS

..... (R C S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CONTROLLING FUR.....
CAP LAND CAPABILITY CLASS WITH LIMITS BY LU VALUE = 6- SAMOUSEY B BUC
BASIN SAMPLING STATION BASIN PAGE 1 OF 2

CAP	COUNT LU									
	RUM PCT	CROPLAND	PASTURE	FLRST	MATER	OTHER	RUM TOTAL			
	COL PCT									
	TOT PCT	1.1	3.1	4.1	5.1	6.1				
1	77.1	5.7	11.4	0.0	0.0	5.7	4.4			
	4.4	5.6	5.2	0.0	0.0	5.6				
	3.4	0.3	0.3	0.0	0.0	0.3				
2	100.0	0.0	0.0	0.0	0.0	0.0	0.1			
	0.2	0.0	0.0	0.0	0.0	0.0				
	0.1	0.0	0.0	0.0	0.0	0.0				
2E	20	1	2	0	0	2	25			
	77.6	6.3	9.1	0.4	8.7	31.8				
	31.8	30.8	29.9	0.3	42.3					
	24.6	1.4	2.5	0.1	2.8					
4	23	1	2	1	2	29				
	77.8	6.8	8.5	2.7	6.1	36.6				
	36.8	38.9	32.5	50.0	34.6					
	28.5	1.8	3.1	1.0	2.3					
6	3	0	1	0	0	4				
	71.1	7.9	15.8	2.6	2.6	4.8				
	4.4	8.3	7.8	6.3	1.9					
	3.4	0.4	0.8	0.1	5.1					
7	3	0	0	0	0	4				
	80.0	0.0	10.0	5.0	5.0	5.0				
	5.2	0.0	5.2	12.5	3.8					
	4.0	0.0	0.3	0.3	0.3					
9	0	0	0	0	0	0				
	60.0	0.0	40.0	0.0	0.0	0.6				
	0.3	0.0	2.6	0.0	0.0					
	0.4	0.0	0.3	0.0	0.0					
COLUMN TOTAL	62	4	8	2	5	80				
TOTAL	77.3	4.3	9.1	2.0	8.2	100.0				

(CONTINUED)

COCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/10) BUFFALO DIST., LUE LAKE ENIE LUIS

LAND CAPABILITY CLASS, WITH LIMITS BY LU MAJOR LAND USE CATEGORIES

CONTROLLING FOR... VALUE = 6. SANDUSKY BUC

PAGE 2 OF 2

COUNT		LU							RUM	

COCCURRENCE TABLES

FILE #01 (CREATION DATE = 11/27/79) BUFFALO GIS -LOE LAKE ERIE LRIE

LU MAJOR LAND USE CATEGORIES C M O S T A B U L A T I O N U F D R A I N A G E C H A R A C T E R I S T I C S C O D E

CONTROLLING FUR... BASIN SAMPLING STATION BASIN VALUE - 5. SANDUSKY B DUC PAGE 1 OF 1

LU	C M O S T A B U L A T I O N U F D R A I N A G E C H A R A C T E R I S T I C S C O D E										SUM TOTAL
	CU	CU	CU	CU	CU	CU	CU	CU	CU	CU	
CRUFLAND	1.	10	4	31	13	2	2	62			
	16.6	7.3	50.7	21.3	4.0			77.4			
PASTURE	3.	1	0	2	1	0	0	4			
	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
FOREST	4.	1	0	4	2	0	0	8			
	14.3	5.2	46.8	20.6	5.2			9.6			
WATER	5.	0	0	0	0	0	0	0			
	25.0	12.5	25.0	37.5	0.0			2.0			
GIPER	6.	1	0	3	1	0	0	5			
	17.3	3.0	55.6	21.2	1.9			6.5			
COLUMN TOTAL	13	5	40	18	4.1	3	3	80			
	16.6	6.6	49.5	22.0	4.1	100.0					

CCCCCRRRREENCE TABLES

FILE #61 IUPERTION DATE = 11/07/78) BUFFALO DIST. BLUE LAKE EMIE LMIS

LU MAJOR LAND USE CATEGORIES C H C S S T A U L A T I U N U F INTRINSIC PROBABILITY

CCATBCELLING FOR... VALU E # 6. SANDUSKY BUC PAGE 1 OF 1

LU	COUNT	MFAC										ROW TOTAL
		16.20	0.24	0.28	0.32	0.37	0.43	0.43	0.43	0.43	0.43	
ROW PCT	CUL PCT	0.20	0.24	0.28	0.32	0.37	0.43	0.43	0.43	0.43	0.43	
TOT PCT		0.20	0.24	0.28	0.32	0.37	0.43	0.43	0.43	0.43	0.43	
CROPLAND	1.	0.8	12.5	6.0	9.2	36.1	35.3	22	22	22	62	
	2.	83.3	78.6	82.2	67.9	78.0	78.1	78.0	78.0	78.0	77.3	
	3.	0.6	9.6	4.6	7.1	27.9	27.3	27.9	27.9	27.3		
PASTURE	4.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FOREST	7.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	8.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	9.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WATER	10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	11.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	12.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
OTHER	13.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	14.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	15.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL		1	17	4	8	29	28	28	28	28	80	
		0.8	12.3	5.6	10.5	35.8	35.0	35.0	35.0	35.0	100.0	

CUGCCURENCE TABLES

FILE MFI CREATION DATE = 11/01/78) BUFFALO DIST.QUE LAKE EMIE LRIS

TEXTURE OF SURFACE HORIZON C R L S T A B U L A I U N C F DUN URBAN SLOPE VALUE

CONTROLLING FOR... BY SLOPE VALUE = 8. BRCKEN SMO 3 NEV

SAMPLING STATION BASIN PAGE 1 OF 1

SLOPE													
TEXT	COUNT ROW PCT COL PCT TOT PCT	LESS THAN				1.0	3-5			9-11	15-17	18 OR GREATER	ROW TOTAL
		0.2	0.21	0.51	1.01		4.01	10.01	16.01				
SILT CLAY LOAM	2.1	63.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
		76.8	56.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5
		8.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ADAP	3.1	0.0	0.0	0.0	48.1	44.4	7.4	0.0	0.0	0.0	0.0	0.0	3
		0.0	0.0	0.0	5.2	4.0	5.0	0.0	0.0	0.0	0.0	0.0	3.7
		0.0	0.0	0.0	1.8	1.6	0.3	0.0	0.0	0.0	0.0	0.0	
SILTY LOAM	3.2	2.2	4.8	31.3	28.1	4.3	0.2	0.3	0.0	0.0	0.0	0.0	60
		23.2	43.9	93.1	94.0	95.0	103.0	100.0	0.0	0.0	0.0	0.0	81.5
		2.6	3.9	31.3	38.2	5.1	0.1	0.3	0.0	0.0	0.0	0.0	
SANDY LOAM	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
		0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FN SANDY LOAM	4.2	0.0	0.0	0.0	44.4	55.6	0.0	0.0	0.0	0.0	0.0	0.0	1
		0.0	0.0	0.0	1.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	1.2
		0.0	0.0	0.0	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL	8	11.1	8.9	33.6	40.6	5.4	0.1	0.3	0.0	0.0	0.0	0.0	74

COE LRIS CROSSTABS UPDATE

FILE WF1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN WCRIZ., IN PWR BY SLOPE 00N URBAN SLOPE VALUE

CONTROLLING FOR..

BASIN SAMPLING STATION BASIN VALUE = 8. BRCKEN SMD 8 NEV PAGE 1 OF 1

SLOPE												
COUNT ROM PCT COL PCT TOT PCT	SLOPE										ROW TOTAL	
	LESS THAN 0.2	0.5	1.0	3-5	9-11	15-17	18 OR GREATER	18.01				
PERM	0.21	0.51	1.01	4.01	10.01	16.01	18.01					
2.	0	0	21	20	0	0	0			42		
BELC .01 TO 0.09	0.2	0.0	50.4	48.9	0.2	0.0	0.2			56.7		
	1.2	0.0	85.1	68.3	2.5	0.0	50.0					
	0.1	0.0	28.6	27.7	0.1	0.0	0.1					
4.										23		
BELC .20 TO 0.59	31.1	16.2	4.2	33.2	14.5	0.4	0.4			31.8		
	89.0	57.6	4.0	28.0	85.0	100.0	50.0					
	9.9	5.1	1.4	10.6	4.6	0.1	0.1					
5.										7		
BELC .60 TO 1.9	11.3	39.4	29.6	15.5	4.2	0.0	0.0			9.6		
	9.8	42.4	8.5	3.7	7.5	0.0	0.0					
	1.1	3.8	2.8	1.5	0.4	0.0	0.0					
6.										1		
BELC 2.0 TO 5.9	0.0	0.0	42.5	42.9	14.3	0.0	0.0			1.9		
	0.0	0.0	2.4	2.0	5.0	0.0	0.0					
	0.0	0.0	0.8	0.8	0.3	0.0	0.0					
COLUMN TOTAL	11.1	8.9	33.6	40.6	5.4	0.1	0.3			74	100.0	

CODCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE IRIS

LU MAJOR LAND USE CATEGORIES CROSS TABULATION OF DON URBAN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 8. BROKEN SWD 2 MEV

PAGE 1 OF 1

		SLOPE									
COUNT											
ROW	PCT	LESS THAN 0.5	0.5	1.0	3-5	9-11	15-17	18 OR GREATER	ROW		
COL	PCT	0.2	0.21	0.51	1.01	4.01	10.01	16.01	TOTAL		
LU	1.	7	5	22	26	4	0	0	64		
CROPLAND	11.3	7.7	33.9	41.1	5.6	0.2	0.3	0	86.3		
	87.8	74.2	87.1	87.3	90.0	100.0	100.0	100.0			
	9.7	6.6	29.2	35.5	4.9	0.1	0.3	0.3			
PASTURE	3.	0	0	0	0	0	0	0	1		
	11.1	11.1	33.3	44.4	0.0	0.0	0.0	0.0	1.2		
	1.2	1.5	1.2	1.3	0.0	0.0	0.0	0.0			
FOREST	4.	1	1	2	2	0	0	0	6		
	12.1	13.8	34.5	37.9	1.7	0.0	0.0	0.0	7.8		
	8.5	12.1	8.1	7.3	2.5	0.0	0.0	0.0			
	0.9	1.1	2.7	3.0	0.1	0.0	0.0	0.0			
WATER	5.	0	0	0	0	0	0	0	1		
	14.3	71.4	14.3	0.0	0.0	0.0	0.0	0.0	0.9		
	1.2	7.6	0.4	0.0	0.0	0.0	0.0	0.0			
OTHER	6.	0	0	1	1	0	0	0	3		
	3.7	11.1	29.6	44.4	11.1	0.0	0.0	0.0	3.7		
	1.2	4.5	3.2	4.0	7.5	0.0	0.0	0.0			
	0.1	0.4	1.1	1.6	0.4	0.0	0.0	0.0			
COLUMN	8	7	25	30	4	5	0	0	74		
TOTAL	11.1	8.9	33.6	40.6	5.4	0.1	0.3	0.3	100.0		
CHI SQUARE = 4.34434 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000											
CRAMER'S V = 0.12123											

CHI SQUARE = 4.34434 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
CRAMER'S V = 0.12123

COCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/78) BUFFALO DIST. COE LAKE ERIE LRIS

SLOPE DUN UREAN SLOPE VALUE
CONTROLLING FUN...
BASIN SAMPLING STATION BASIN

CROSS TABULATION OF INTRINSIC PROBABILITY

BY KFAC VALUE = 8. BROKEN SWO 3 MEV

PAGE 1 OF 1

		KFAC										TOTAL	
COUNT		0.17	0.20	0.24	0.28	0.32	0.37	0.43				TOTAL	
ROW PCT		0.17	0.20	0.24	0.28	0.32	0.37	0.43				TOTAL	
COL PCT		0.17	0.20	0.24	0.28	0.32	0.37	0.43				TOTAL	
SLOPE		0.17	0.20	0.24	0.28	0.32	0.37	0.43				TOTAL	
LESS THAN 0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3-5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9-11	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-17	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18 CR GREATER	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL		0.1	0.7	8.3	8.0	7.0	34.6	41.3	30	74	100.0		

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/78) BUFFALO DIST. CODE LAKE ERIE LR15

TEXTURE OF SURFACE HORIZON CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOM. BASIN SAMPLING STATION BASIN VALUE = 0. BROKEN \$MD 2 NEV PAGE 1 OF 1

LU											ROW TOTAL
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER						
ROW PCT	COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1				
TEXT											
SILTYCLAYLOAM	2.1	9	0	1		0					10
		87.0	1.0	9.0		0.0		0			13.5
		13.6	11.1	15.5		0.0		3.0			
		11.8	0.1	1.2		0.0		11.1			
						0.0		0.4			
LOAM	3.1	2	0	0		0		0			3
		92.6	0.0	3.7		0.0		3.7			3.7
		3.9	0.0	1.7		0.0		3.7			
		3.4	0.0	0.1		0.0		0.1			
SILTY LOAM	3.2	92	1	5		1		2			60
		85.9	1.3	7.8		1.2		3.8			81.5
		81.0	88.9	81.0		100.0		85.2			
		70.0	1.1	6.4		0.9		3.1			
SANDY LOAM	4.1	0	0	0		0		0			0
		100.0	0.0	0.0		0.0		0.0			0.1
		0.2	0.0	0.0		0.0		0.0			
		0.1	0.0	0.0		0.0		0.0			
FIN SANDYLOAM	4.2	1	0	0		0		0			1
		88.9	0.0	11.1		0.0		0.0			1.2
		1.3	0.0	1.7		0.0		0.0			
		1.1	0.0	0.1		0.0		0.0			
COLUMN TOTAL		65	1	6		1		3			74
		86.3	1.2	7.8		0.9		3.7			100.0

CHI SQUARE = 0.38042 WITH 16 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.03587

COE LPTS CROSSTABS UPDATE

FILE MF1 ICREATION DATE = 11/10/781 BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN MCP12, IN P HR CROSS TABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 8. BROKEN SMD 2 MEV PAGE 1 OF 1

LU									
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW			
ROW PCT						TOTAL			
COL PCT	1.1	3.1	4.1	5.1	6.1				
TOT PCT	1.1	3.1	4.1	5.1	6.1				
PERM	36	1	2	0	2	42			
BELC .01 TO 0.09	85.9	1.4	8.1	0.2	4.3	99.9			
	56.4	66.7	58.6	14.3	66.7	263.7			
	48.7	0.8	4.2	0.1	2.4	56.2			
BELC .20 TO 0.59	21	0	2	0	1	24			
	88.1	0.9	7.7	0.4	3.0	100.1			
	32.4	22.2	31.5	14.3	25.9	126.3			
	28.0	0.3	2.4	0.1	0.9	31.7			
BELC .60 TO 1.9	6	0	1	0	0	7			
	81.7	1.4	8.5	7.0	1.4	99.0			
	9.1	11.1	10.3	71.4	3.7	105.6			
	7.8	0.1	6.2	0.7	0.1	14.9			
BELC 2.0 TO 5.9	1	0	0	0	0	1			
	92.9	0.0	0.0	0.0	7.1	100.0			
	2.0	0.0	0.0	0.0	3.7	5.7			
	1.8	0.0	0.0	0.0	0.1	2.9			
COLUMN TOTAL	64	1.2	6	1	3	74			
	86.3	1.2	7.8	0.9	3.7	100.0			

COCCURRENCE TABLES

FILE #61 CREATION DATE = 11/07/78) BUFFALO DIST. - CUE LAKE ERIE LRIS

LAND CAPABILITY CLASSIFICATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR: CAP BASIN SAMPLING STATION BASIN VALUE = 6. BACKROW SMD 2 NEW PAGE 1 OF 2

CAP	COUNT LU										RUM TOTAL
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
1	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
2S	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
2E	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
2N	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
3S	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
3E	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
3N	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
COLUMN TOTAL	64	1	1	1	1	1	1	1	1	1	14
TOTAL	64	1	1	1	1	1	1	1	1	1	14

(CONTINUED)

COLLUCURRANCE TABLES

FILE MFI CREATION DATE = 11/07/701 BUFFALO DIST., CUE LAKE ERIE LRIS

***** C R O S S T A B U L A T I O N C F *****
CAP LAND CAPABILITY CLASS WITH LIMITS BY LU MAJOR LAND USE CATEGORIES

CONTROLLING FUR.....
BASIN.....
SAMPLING STATION BASIN.....
VALUE = 6. GRUEN SMD 2 NEV
***** PAGE 2 OF 2

COUNT		LU						
ROW PCT	COL PCT	CROPLAND	PASTURE	FGREST	WATER	OTHER	ROM	TOTAL
TOT PCT		1.1	3.1	4.1	5.1	6.1		
9.	0	0	0	0	0	0	0	0
4E	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	7	0	0	1	0	0	0	0
	88.2	1.2	0.2	1.2	1.2	1.2	11.5	
	11.8	11.1	12.1	14.3	3.7	3.7		
	10.1	0.1	0.5	0.1	0.1	0.1		
15.	0	0	0	0	0	0	0	0
	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN	64	1	6	7.8	0.9	3	74	
TOTAL	86.3	1.2	1.2	7.8	0.9	3.7	100.0	

CHI SQUARE = 2.07088 WITH 36 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
GRABER'S V = 0.08370

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST. - LUE LAKE ERIC LUIS

LU MAJOR LAND USE CATEGORIES C R O S S T A B U L A T I O N U F DRAINAGE CHARACTERISTICS CODE

CCREPELLING FUR. BASIN SAMPLING STATION BASIN VALUE = R. BRUKEN SMD 3 MEV PAGE 1 OF 1

CRCU											
COUNT	EVERYPOOR		PLUORLY		SCHEPCC		MOD. WELL		WELL		ROM TOTAL
	COL PCI	EVERYPOOR	COL PCI	PLUORLY	COL PCI	SCHEPCC	COL PCI	MOD. WELL	COL PCI	WELL	
TOT PCI	1.	9	5	24	3.	13	3	64			
		16.9	8.3	50.5	21.2	5.2	86.3				
		87.2	85.5	84.3	89.4	94.3					
		12.9	7.2	43.6	18.3	4.5					
		0	0	1	0	0	1				
		11.1	11.1	86.7	11.1	0.0	1.2				
		0.9	1.6	1.6	0.7	0.0					
		0.1	0.1	0.8	0.1	0.0					
		1	1	2	1	0	6				
		17.2	10.3	56.5	15.5	0.0	7.8				
		9.2	9.2	8.6	9.0	0.0					
		1.4	0.8	4.5	1.2	0.0					
		0	0	0	0	0	1				
		0.0	14.3	71.4	14.3	0.0	0.9				
		0.0	1.6	1.3	0.7	0.0					
		0.0	0.1	5.7	0.1	0.0					
		0	0	2	0	0	3				
		11.1	3.7	59.3	18.5	7.4	3.7				
		2.8	1.6	4.2	3.3	5.7					
		0.4	0.1	2.2	0.7	0.3					
		11	6	36	15	3	74				
		16.7	8.4	51.7	20.4	4.7	100.0				

COCCURRENCE TABLES

FILE #01 CREATION DATE - 11/07/781 BUFFALO GIST.,CUE LAKE ERIE LRIS

MAJOR LAND USE CATEGORIES CROSS TABULATION CF INTRINSIC ERUGABILITY

CONTROLLING FUR... BASIN SAMPLING STATION BASIN VALUE = 8. BRCKEN SWO 3 NEV

PAGE 1 OF 1

		PFAC										ROW TOTAL	
COUNT		0.17	0.20	0.24	0.28	0.32	0.37	0.43					
LU	COL PCT TOT PCT	0.171	0.201	0.241	0.281	0.321	0.371	0.431					
1.	0.2	0.8	8.3	8.0	7.5	5	22	26	64				
CROPLAND	100.0	100.0	86.5	86.4	92.3	86.3	86.3	86.9	86.3				
	0.1	0.7	7.2	6.9	6.5	29.8	35.1						
3.	0	0	0	0	0	0	0	0	1				
PASTURE	0.0	0.0	11.1	0.0	0.0	33.3	55.6	1.2					
	0.0	0.0	1.6	0.0	0.0	1.2	1.6						
	0.0	0.0	0.1	0.0	0.0	0.4	0.7						
4.	0	0	10.3	8.6	3.4	32.8	44.8	3	6				
FOREST	0.0	0.0	9.8	8.5	3.8	7.5	8.5		7.9				
	0.0	0.0	6.6	0.7	0.3	2.6	3.5						
5.	0	0	0	0	0	0	0	0	1				
WATER	0.0	0.0	0.0	14.3	14.3	57.1	14.3		0.9				
	0.0	0.0	0.0	1.7	1.9	1.6	0.3						
	0.0	0.0	0.0	0.1	0.1	0.5	0.1						
6.	0	0	0	0	0	0	1	1	3				
GRASS	0.0	0.0	3.7	7.4	3.7	33.3	51.9		3.7				
	0.0	0.0	1.6	3.4	1.9	3.5	4.6						
	0.0	0.0	0.1	0.3	0.1	1.2	1.9						
COLUMN TOTAL	0.1	0.7	8.3	8.0	7.0	34.6	41.3	30	74				
									100.0				

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST. - CUE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON CROSSTABULATION CF DUN URBAN SLOPE VALUE

CONTROLLING FOR... BY SLOPE VALUE = 2. SANDUSKY 2 UP SA

BASIN SAMPLING STATION BASIN PAGE 1 OF 2

SLOPE												
TEXT	COUNT ROM PCT COL PCT TOT PCT	LESS THAN								18 OR GREATER	ROM TOTAL	
		0.2	0.5	1.0	3-5	9-11	15-17	16.01	18.01			
CLAY	1.1	2	0	C	0	0	0	0	0	0	2	
	100.0	0.0	C	0.0	0.0	0.0	0.0	0.0	0.0	1.0		
	5.3	0.0	C	0.0	0.0	0.0	0.0	0.0	0.0			
	1.0	0.0	C	0.0	0.0	0.0	0.0	0.0	0.0			
SILTY CLAY	1.2	1	0	C	0	0	0	0	0	1		
	100.0	0.0	C	0.0	0.0	0.0	0.0	0.0	0.0	0.3		
	1.6	0.0	C	0.0	0.0	0.0	0.0	0.0	0.0			
	0.3	0.0	C	0.0	0.0	0.0	0.0	0.0	0.0			
SILT CLAYLOAM	2.1	35	9	C	0	0	0	0	0	49		
	77.9	21.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	19.0		
	80.4	43.1	0.3	0.4	0.0	0.0	0.0	0.0	0.0			
	14.8	4.0	C	0.1	0.0	0.0	0.0	0.0	0.0			
LOAM	3.1	0	1	2	3	0	0	0	0	7		
	1.4	8.2	34.2	46.6	5.5	1.4	2.7	3.1				
	0.2	2.8	3.4	4.2	3.7	5.3	9.1					
	0.0	0.3	1.1	1.5	0.2	0.0	0.1					
SILTY LOAM	3.2	5	12	65	77	10	1	2	177			
	2.9	6.7	39.1	43.4	5.9	0.8	1.1	75.2				
	12.0	54.1	93.5	94.1	96.3	78.9	90.9					
	2.2	5.0	25.4	32.7	4.4	0.6	0.8					
SANDY LOAM	4.1	0	0	C	0	0	0	0	0			
	0.0	0.0	C	100.0	0.0	0.0	0.0	0.0	0.1			
	0.0	0.0	C	0.2	0.0	0.0	0.0	0.0				
	0.0	0.0	C	0.1	0.0	0.0	0.0	0.0				
FN SANDYLOAM	4.2	0	0	2	1	0	0	0	3			
	0.0	0.0	60.0	30.0	0.0	10.0	0.0	1.3				
	0.0	0.0	2.4	1.1	0.0	15.8	0.0					
	0.0	0.0	C	0.4	0.0	0.1	0.0					
COLUMNS		43	22	74	82	11	2	2	235			
TOTAL		18.4	9.3	31.3	34.7	4.6	0.8	0.9	100.0			

COCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., CLUE LAKE EPIC LRIS

TEXTURE OF SURFACE HORIZON CROSS TABULATION OF DON URBAN SLOPE VALUE

CLUTPELLING FOR.. SAMPLING STATION BASIN VALUE = 5. SANDUSKY 2 UP SA PAGE 2 OF 2

TEXT	SLOPE										RCM TOTAL
	COUNT 1	FROM PCT 1	LESS THAN 0.5	1.0	3-5	9-11	15-17	18 CR GREATER	18.01	18.01	
TEXT	100 PCT 1	0.21	0.51	1.01	4.01	10.01	16.01	18.01	18.01	18.01	
MUCK	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1	43	22	74	82	11	2	2	235	100.0	
COLUMN TOTAL	18.4	9.3	31.3	34.7	4.6	0.8	0.9	0.9	0.9	0.9	

BUFFALO CIST., COE LAKE ERIE LAIS

FILE MF1 (CREATION DATE = 11/16/78) BUFFALO CIST., COE LAKE ERIE LAIS

NAME	BEFORE	AFTER	LOW	VALUE	IN	PER	BY	SLOPE	DOON	URBAN	SLOPE	VALUE
CROSS TABULATION OF												

CONTROLLING FOR..	SAMPLING STATION BASIN	VALUE =	5. SANDUŠKY ŽUP SA
	BASIN		

PAGE 1 OF 1

		COUNT	SLOPE										
	ROW PCT COL PCT TOT PCT	LESS THAN	0.5	1.0	1-01	3-5	9-11	10-01	15-17	18 CR GREATER	18-01	ROW TOTAL	
PERM		0-21	0-51	1-01	4-01	9-01	10-01	15-01	18-01				
SURF .01 TO 0.09	1-	4	0	0	0	0	0	0	0	0	0	4	
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	
		10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
		1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
BELO .01 TO 0.09	2-	0	1	6C	59	1	2	1	1	1	1	124	
		0.4	0.5	48.4	47.3	1.9	0.6	0.6	1.0	1.0	1.0	52.7	
		1.2	2.6	81.4	71.7	21.3	36.8	34.5	34.5	34.5	34.5		
		0.2	0.3	25.5	24.9	1.0	0.3	0.3	0.5	0.5	0.5		
BELO .20 TO 0.59	4-	36	10	4	18	1	7	1	1	1	1	77	
		46.9	13.6	4.6	23.4	9.4	1.0	0.9	0.9	0.9	0.9	32.9	
		89.0	48.2	5.0	22.2	67.6	42.1	31.8	31.8	31.8	31.8		
		15.4	4.5	1.6	7.7	3.1	0.3	0.3	0.3	0.3	0.3		
BELO .60 TO 1.9	5-	2	11	5	3	1	0	0	0	0	0	26	
		7.6	41.0	33.6	13.3	3.1	0.0	0.4	0.4	0.4	0.4	10.9	
		4.6	49.1	11.7	4.2	7.4	0.0	4.5	4.5	4.5	4.5		
		0.8	4.5	3.7	1.4	0.3	0.0	0.0	0.0	0.0	0.0		
BELC 2.0 TO 5.9	6-	0	0	1	2	0	0	0	0	0	0	4	
		0.0	0.0	37.6	43.2	10.8	2.7	5.4	5.4	5.4	5.4	1.6	
		0.0	0.0	1.9	2.0	3.7	5.3	9.1	9.1	9.1	9.1		
		0.0	0.0	0.6	0.7	0.2	0.0	0.1	0.1	0.1	0.1		
BELC 6.0 OR GTR	7-	0	0	0	0	0	0	0	0	0	0	0	
		0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.1	
		0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0		
		0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0		
COLUMN TOTAL		43	22	74	82	11	2	2	2	2	2	239	
TOTAL		18.4	9.3	31.3	34.7	4.6	0.6	0.6	0.6	0.6	0.6	100.0	

COOCCURRENCE TABLES

FILE MFI ICATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N O F D O N U R B A N S L O P E V A L U E

..... M A J O R L A N D U S E C A T E G O R I E S S L O P E V A L U E = ... S. S A M O U S K Y 2 U P S A P A G E 1 O F 1

..... C O N T R O L L I N G F O R S A M P L I N G S T A T I O N B A S I N

COUNT	SLOPE										ROW TOTAL
	LESS THAN 0.2	0.21	0.5	1.0	3-5	9-11	15-17	18 OR GREATER	18.01		
1. CROPLAND	35	14	7.5	61	66	8	1	1	1	188	
	18.8	7.5	32.6	35.3	4.5	0.6	0.6	0.6	0.6	79.8	
	81.8	64.7	83.2	81.0	78.7	57.9	54.5	54.5	54.5		
	15.0	6.0	26.0	28.1	3.6	0.5	0.5	0.5	0.5		
3. PASTURE	1	1	2	2	3	0	0	0	0	8	
	14.5	14.5	23.7	35.3	6.6	1.3	1.3	3.9	3.9	3.2	
	2.5	5.0	2.4	3.3	4.6	5.3	13.6	13.6	13.6		
	0.5	0.5	0.8	1.1	0.2	0.0	0.0	0.1	0.1		
4. FOREST	3	3	6	6	7	1	0	1	1	22	
	14.2	15.1	29.4	31.2	5.5	1.8	2.8	2.8	2.8	9.3	
	7.2	15.1	8.7	8.3	11.1	21.1	27.3	27.3	27.3		
	1.3	1.4	2.7	2.9	0.5	0.2	0.3	0.3	0.3		
5. WATER	1	2	0	0	0	0	0	0	0	4	
	19.0	57.1	7.1	9.5	2.4	2.4	2.4	2.4	2.4	1.8	
	1.8	11.0	0.4	0.5	0.9	5.3	4.5	4.5	4.5		
	0.3	1.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0		
6. OTHER	3	1	4	4	6	0	0	0	0	14	
	20.7	6.4	27.9	40.0	3.6	1.4	0.0	0.0	0.0	5.9	
	6.7	4.1	5.3	6.9	4.6	10.5	0.0	0.0	0.0		
	1.2	0.6	1.7	2.4	0.2	0.1	0.1	0.0	0.0		
COLUMN TOTAL	43	23	74	82	11	4.6	0.8	0.9	0.9	235	
	18.4	9.3	31.3	34.7	4.6	0.8	0.9	0.9	0.9	100.0	

CHI SQUARE = 17.30951 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 0.8352

CRAMER'S V = 0.13558

COOLCURRENCE TABLES

11/6/77 (E) BUFFALO CLUBHOUSE LAKELAND FLORIDA

REGISTRATION OF THE COMPANY

30355 UUN UREAN SLUPE VALVE

SAMPLE NO	SAMPLING STATION HASIN	VALUE =	S. SANDUSKY	UP SA	PAGE	OF
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12
13	13	13	13	13	13	13
14	14	14	14	14	14	14
15	15	15	15	15	15	15
16	16	16	16	16	16	16
17	17	17	17	17	17	17
18	18	18	18	18	18	18
19	19	19	19	19	19	19
20	20	20	20	20	20	20
21	21	21	21	21	21	21
22	22	22	22	22	22	22
23	23	23	23	23	23	23
24	24	24	24	24	24	24
25	25	25	25	25	25	25
26	26	26	26	26	26	26
27	27	27	27	27	27	27
28	28	28	28	28	28	28
29	29	29	29	29	29	29
30	30	30	30	30	30	30
31	31	31	31	31	31	31
32	32	32	32	32	32	32
33	33	33	33	33	33	33
34	34	34	34	34	34	34
35	35	35	35	35	35	35
36	36	36	36	36	36	36
37	37	37	37	37	37	37
38	38	38	38	38	38	38
39	39	39	39	39	39	39
40	40	40	40	40	40	40
41	41	41	41	41	41	41
42	42	42	42	42	42	42
43	43	43	43	43	43	43
44	44	44	44	44	44	44
45	45	45	45	45	45	45
46	46	46	46	46	46	46
47	47	47	47	47	47	47
48	48	48	48	48	48	48
49	49	49	49	49	49	49
50	50	50	50	50	50	50
51	51	51	51	51	51	51
52	52	52	52	52	52	52
53	53	53	53	53	53	53
54	54	54	54	54	54	54
55	55	55	55	55	55	55
56	56	56	56	56	56	56
57	57	57	57	57	57	57
58	58	58	58	58	58	58
59	59	59	59	59	59	59
60	60	60	60	60	60	60
61	61	61	61	61	61	61
62	62	62	62	62	62	62
63	63	63	63	63	63	63
64	64	64	64	64	64	64
65	65	65	65	65		

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[illegible]

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE EPIE LRIS

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FILE      MFI      ICREATION DATE = 11/07/78)  BUFFALO DIST., COE LAKE ERIE LRIS
TEXT      TEXT      TECTURE OF SURFACE HORIZON          C O S T A B U L A T I O N   O F
BASIN     BASIN     SAMPLING STATION BASIN              VALUE =           S. SAMOUSKY 8 UP SA
CONTROLLING FOR..                                     PAGE 1 OF 2

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COUNT		LU						ROW TOTAL	
ROW PCT	CROP	LAND	PASTURE	FOREST	WATER	OTHER		ROW TOTAL	
TOT PCT		1-1	3-1	4-1	5-1	6-1			
PEAT	CLAY	1-1	35.1	13.0	6.7	0	1	2	
			0.5	3.9	0.9	0.0	6.4	1.0	
			0.4	0.1	0.1	0.0	0.4		
SILTY CLAY	1-2	1	0	0	0	0	1	0.3	
		85.7	0.0	16.3	0.0	0.0			
		0.3	0.0	0.5	0.0	0.0			
SILTY CLAY LOAM	2-1	36	1	4	1	3	45	19.0	
		81.4	2.2	8.3	2.2	5.8			
		19.4	13.2	17.0	23.6	16.6			
		15.5	0.4	1.6	0.4	1.1			
LOAM	3-1	6	0	1	0	0	7	3.1	
		84.9	1.4	8.2	1.4	4.1			
		3.3	1.3	2.8	2.4	2.1			
SILTY LOAM	3-2	2.6	0.0	0.3	0.0	0.1			
		151	6	17	3	10	177	75.2	
		79.5	3.4	9.6	1.8	5.6			
		75.0	80.3	78.0	73.8	71.4			
		59.8	2.6	7.2	1.3	4.2			
SANDY LOAM	5-1	0	0	0	0	0	0	0.1	
		100.0	0.0	0.0	0.0	0.0			
		0.1	0.0	0.0	0.0	0.0			
FM SANDY LOAM	4-2	0.1	0.0	0.0	0.0	0.0	3	1.3	
		2	0	0	0	0			
		33.3	3.3	6.7	0.0	6.7			
		1.3	1.3	0.9	0.0	1.4			
COLUMN TOTAL		188	8	22	4	14	235	100.0	
		79.8	3.2	9.3	1.8	5.9			

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FILE MF1 ICREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LR15
***** C R O S S T A B U L A T I O N   O F *****
TEXT TEXTURE OF SURFACE HORIZON BY LU MAJOR LAND USE CATEGORIES
*****
CONTROLLING FOM.. 5. SANDUSKY 8 UP SA
BASIN SAMPLING STATION BASIN *****
***** PAGE 2 OF 2

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		LU						ROM TOTAL
COUNT		CROPLAND	PASTURE	FOREST	WATER	OTHER		
ROM PCT	COL PCT	1.1	3.1	4.1	5.1	6.1		
TOT PCT	TOT PCT	0	0	0	0	0	0	
6.1	100.0	0.0	0.0	0.0	0.0	0.0	0.1	
	0.1	0.0	0.0	0.0	0.0	0.0		
	0.1	0.0	0.0	0.0	0.0	0.0		
COLUMN TOTAL	79.6	8	22	4	14	235		
		3.2	9.3	1.8	5.9	100.0		

CHI SQUARE = 6.2321 WITH 20 DEGREES OF FREEDOM
CRAMER'S V = 0.08136 SIGNIFICANCE = 1.0000

CDE LRIS CROSSTABS UPDATE

FILE MF1 CREATION DATE = 11/10/78) BUFFALO DIST..CDE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HRTZ..IN P HR BY LU C R O S S T A B U L A T I O N O F M A J O R L A N D U S E C A T E G O R I E S

CONTRLLING FOR... BASIN SAMPLING STATION BASIN VALUP = 5. SANDUSKY @ UP SA PAGE 1 OF 1

LU									
COUNT	ICROPLAND	PASTURE	FOREST	WATER	OTHER	ROW			
ROW PCT						TOTAL			
COL PCT	1.1	3.1	4.1	5.1	6.1				
TOT PCT	1.1	3.1	4.1	5.1	6.1				
PERM	3	0	0	0	1	4			
SURF .01 TO 0.09	59.1	11.4	9.1	0.0	20.5	1.9			
	1.4	6.6	1.8	0.0	6.4				
	1.1	0.2	0.0	0.0	0.4				
2.	100	4	11	1	8	124			
BELG .01 TO 0.09	80.7	3.1	5.0	0.6	6.7	52.7			
	53.3	50.0	50.5	16.7	59.3				
	42.5	1.6	4.7	0.3	3.5				
4.	63	2	7	2	4	77			
BELC .20 TO 0.59	81.8	2.7	8.5	2.1	4.9	32.9			
	33.7	27.6	30.3	38.1	27.1				
	26.9	0.9	2.8	0.7	1.6				
5.	19	1	3	2	1	26			
BELG .60 TO 1.9	72.7	3.9	13.2	7.4	2.7	10.9			
	9.9	13.2	15.6	45.2	5.0				
	7.9	0.4	1.4	0.8	0.3				
6.	3	0	0	0	0	4			
BELC 2.0 TO 5.9	83.8	2.7	8.1	0.0	5.4	1.6			
	1.7	1.3	1.4	0.0	1.4				
	1.3	0.0	0.1	0.0	0.1				
7.	0	0	0	0	0	0			
BELG 6.0 OR GTR	33.3	33.3	0.0	0.0	33.3	0.1			
	0.1	1.3	0.0	0.0	0.7				
	0.0	0.0	0.0	0.0	0.0				
COLUMN TOTAL	188	8	22	4	14	235			
	79.8	3.2	9.3	1.8	5.9	100.0			

COOCCURRENCE TABLES

FILE MF-1 (CULATION DATE = 11/27/78) BUFFALO DIST., LAKE ERIE, LKIS

CAP LAND CAPABILITY CLASSIFICATION BY LU PAJOR LAND USE CATEGORIES

CONTROLLING FUR. BASIN SAMPLING STATION BASIN

VALUE = 5. SANDUSKY 3 UP 5A

PAGE 1 OF 2

LU										
CAP	COUNT NUM PCT CUL PCI TOT PCI	CROPLAND PASTURE					FOREST	MATER	OTHER	ROW TOTAL
		1-1	3-1	4-1	5-1	6-1				
1	1.	6	0	1	0	0	7			
		84.8	3.0	9.1	0.0	3.0	2.8			
		3.0	2.6	2.8	0.0	1.4				
		2.4	0.1	0.2	0.0	0.1				
2	2.	0	0	0	0	0	0			
2S		100.0	0.0	0.0	0.0	0.0	0.1			
		0.2	0.0	0.0	0.0	0.0				
		0.1	0.0	0.0	0.0	0.0				
3	3.	59	2	6	0	5	73			
2E		80.7	3.4	8.6	0.4	6.6	30.9			
		31.3	32.9	29.4	7.1	34.3				
		24.9	1.1	2.7	0.1	2.0				
4	4.	60	2	7	2	4	75			
2W		79.4	3.2	5.7	2.1	5.6	32.0			
		31.8	31.6	33.5	38.1	30.0				
		25.4	1.0	3.1	0.7	1.8				
5	5.	0	0	0	0	0	0			
3S		100.0	0.0	0.0	0.0	0.0	0.0			
		0.1	0.0	0.0	0.0	0.0				
		0.0	0.0	0.0	0.0	0.0				
6	6.	12	1	1	0	1	15			
3E		80.1	4.1	8.2	1.4	6.2	6.2			
		6.2	7.9	5.5	4.8	6.4				
		5.0	0.3	0.1	0.1	0.4				
7	7.	15	1	2	1	2	20			
3W		74.6	4.1	10.2	3.0	8.1	8.4			
		7.8	10.5	9.2	14.3	11.4				
		6.2	0.3	0.8	0.3	0.7				
COLUMN TOTAL		188	8	22	4	14	235			
		79.8	3.2	9.3	1.8	5.9	100.0			

(CONTINUED)

(CONTINUED)

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LUIS

CAP LAND APABILITY CLASS WITH LIMITS C R O S S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CONTROLLING FUR... BASIN SAMPLING STATION BASIN VALUE = 5. SANDUSKY @ UP SA PAGE 2 OF 2

COUNT	ROW PCT	CUL PCT	TOT PCT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW TOTAL
				1.1	3.1	4.1	5.1	6.1	
4E	9.	62.5	0.0	25.0	0.0	0.0	0.0	0.0	2
		0.5	0.0	1.0	2.4	0.7	0.0	0.0	0.7
		0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0
5W	13.	35	1	2	1	2	5.0	17.9	42
		82.4	1.7	7.4	3.1	15.0	15.0	15.0	17.9
		18.5	9.2	15.1	31.0	0.6	3.9	0.0	0.0
		14.7	0.3	1.4	0.6	0.0	0.0	0.0	0.0
6S	14.	0	0	0	0	0	0	0	0
		33.3	33.3	0.0	0.0	0.0	33.3	0.0	0.0
		0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6E	15.	1	0	1	0	0	0	0	2
		47.1	17.6	35.2	0.0	0.0	0.0	0.0	0.0
		0.4	3.9	2.8	0.0	0.0	0.0	0.0	0.0
		0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0
7E	18.	0	0	0	0	0	0	0	0
		75.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
		0.2	0.0	0.0	2.4	0.0	0.0	0.0	0.0
		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	108	8	22	4	14	235	100.0		
TOTAL	79.0	3.2	9.3	1.8	5.9				

CHI SQUARE = 9.74734 WITH 44 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
CRAMER'S V = 0.09438

COLLUCURANCE TABLES

FILE MFI ICREATION DATE = 11/07/781 BUFFALO DIST., CODE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CRUSSTABULATION OF DRAINAGE CHARACTERISTICS CODE

CONTROLLING FOR... LU BASIN SAMPLING STATION BASIN VALUE = 5. SANDUSKY 2 UP SA PAGE 1 OF 1

COUNT	CRCD		SCHEPCLER MUD-WELL WELL		ROM	
	ROM PCT	EVERYPOOR	POORLY	CRAINED	UNRAINED	TOTAL
LU	ROM PCT	EVERYPOOR	POORLY	CRAINED	UNRAINED	TOTAL
1.	39	12	8E	41	8	188
CROPLAND	20.9	6.3	46.4	21.9	4.0	79.8
	80.0	83.8	80.3	77.9	77.6	
	16.7	5.1	37.3	17.5	3.2	
3.	1	0	2	2	1	8
PASTURE	18.4	1.3	43.4	28.9	7.9	3.2
	2.9	0.7	3.0	4.2	6.1	
	0.6	0.0	1.4	0.9	0.3	
4.	4	1	1C	5	1	22
FOREST	18.3	6.0	47.1	23.9	4.1	9.3
	8.2	9.2	9.5	3.8	9.2	
	1.7	0.6	4.4	2.2	0.4	
5.	1	0	1	1	0	4
WATER	28.6	9.5	23.8	31.0	7.1	1.8
	2.4	2.8	6.5	2.5	3.1	
	0.5	0.2	0.4	0.6	0.1	
6.	3	0	7	3	0	14
OTHER	22.9	3.6	49.3	21.4	2.9	5.9
	6.5	3.5	6.2	5.7	4.1	
	1.4	0.2	2.9	1.3	0.2	
COLUMN TOTAL	49	14	105	53	10	235
	20.8	6.0	46.5	22.5	4.2	100.0

COCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST. CUE LAKE ERIE LRIS

***** C R O S S T A B U L A T I O N O F ***** INTRINSIC ERUDABILITY *****

***** MAJOR LAND USE CATEGORIES *****
 ***** BY RFAC *****
 ***** VALUE = ***** 5. SANDUSKY B LP SA *****
 ***** CONTROLLING FOR... *****
 ***** BASIN *****
 ***** PAGE 1 OF 1 *****

		PEAC												ROM	
		COUNT	0.10	0.15	0.17	0.20	0.24	0.28	0.32	0.37	0.43	TOTAL			
		ROM PCT	0.10	0.15	0.17	0.20	0.24	0.28	0.32	0.37	0.43	TOTAL			
		TOT PCT	0.10	0.15	0.17	0.20	0.24	0.28	0.32	0.37	0.43	TOTAL			
LU															
1. CROCPLAND															
		0.1	0.1	0.1	0.1	0.9	14.3	8.7	7.6	28.3	39.9	75	187		
		100.0	33.3	100.0	89.5	83.5	80.4	75.1	78.9	79.7	79.7	79.7	79.8		
		0.1	0.0	0.1	0.1	0.7	11.4	7.0	6.0	22.6	31.0	31.0	31.0		
3. PASTURE															
		0	0	0	0	0	1	1	1	2	3	3	8		
		0.0	1.3	0.0	0.0	0.0	9.2	9.2	10.5	30.3	39.5	39.5	39.5		
		0.0	33.3	0.0	0.0	0.0	2.2	3.4	4.2	3.4	3.2	3.2	3.2		
		0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	1.0	1.3	1.3	1.3		
4. FOREST															
		0	0	0	0	0	2	1	2	7	8	8	22		
		0.0	0.0	0.0	0.0	0.5	11.0	6.9	10.6	32.6	38.5	38.5	38.5		
		0.0	0.0	0.0	0.0	5.3	7.5	7.4	12.2	10.5	9.0	9.0	9.3		
		0.0	0.0	0.0	0.0	0.0	1.0	0.6	1.0	3.0	3.6	3.6	3.6		
5. WATER															
		0	0	0	0	0	0	0	1	2	0	0	4		
		0.0	0.0	0.0	0.0	0.0	11.9	9.5	16.7	50.0	11.9	11.9	11.9		
		0.0	0.0	0.0	0.0	0.0	1.6	2.0	3.7	3.1	0.5	0.5	1.8		
		0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.9	0.2	0.2	0.2		
6. OTHER															
		0	0	0	0	0	2	1	1	3	7	7	14		
		0.0	0.7	0.0	0.0	0.7	12.1	10.0	6.4	19.3	50.7	50.7	50.7		
		0.0	33.3	0.0	0.0	5.3	5.3	6.9	4.8	4.0	7.6	7.6	7.6		
		0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.4	1.1	3.0	3.0	3.0		
COLUMNS															
		0	0	0	0	2	32	20	19	67	96	96	235		
		0.1	0.1	0.1	0.1	0.8	13.7	9.7	8.0	28.6	39.9	39.9	100.0		

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/7/77) BUFFALO DIST., CUE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE MATERIAL C R O S S T A B U L A T I O N U F D O N U R B A N S L O P E VALUE 7. 17MOCHTEE 3 GRAM

CANTPELLING FOR... BASIN SAMPLING STATION HASIN

PAGE 1 OF 2

TEXT	SLOPE												16 OR GREATER	ROM TOTAL
	COUNT	0.5	1.0	2.0	3-5	4-11	15-17	16 OR GREATER	ROM TOTAL	16.01	18.01	20.01		
CLAY	1.1	5	0	0	0	0	0	0	0	0	0	0	0	5
	ROM PCT	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
	COL PCT	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOT PCT	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILTY CLAY	1.2	3	0	0	0	0	0	0	0	0	0	0	0	4
	ROM PCT	87.5	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
	COL PCT	8.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOT PCT	2.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILT CLAY/CLAM	2.1	31	5	2	0	3	0	0	0	0	0	0	0	41
	ROM PCT	75.1	12.1	5.6	0.0	6.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	34.1
	COL PCT	75.3	49.0	5.5	0.0	12.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOT PCT	25.6	4.1	2.0	0.0	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LCAM	3.1	0	0	0	0	0	0	0	0	0	0	0	0	1
	ROM PCT	0.0	0.0	57.1	0.0	42.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	COL PCT	0.0	0.0	0.9	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOT PCT	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILTY LCAM	3.2	1	5	4	0	18	3	1	1	1	1	1	1	60
	ROM PCT	1.6	6.9	58.6	0.1	26.9	3.8	0.9	1.0	1.0	1.0	1.0	1.0	56.4
	COL PCT	2.7	46.1	92.9	100.0	86.8	89.7	90.0	100.0	100.0	100.0	100.0	100.0	0.0
	TOT PCT	0.9	3.9	33.2	0.1	15.1	2.1	0.5	0.6	0.6	0.6	0.6	0.6	0.0
SANDY LCAM	4.1	0	0	0	0	0	0	0	0	0	0	0	0	1
	ROM PCT	0.0	0.0	42.5	0.0	57.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	COL PCT	0.0	0.0	0.7	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOT PCT	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FN SANDY LCAM	4.2	0	0	0	0	0	0	0	0	0	0	0	0	1
	ROM PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	COL PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOT PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	41	10	43	0	22	3	1	1	1	1	1	1	1	121
TOTAL	34.0	8.4	35.7	0.1	17.9	2.4	1.0	0.6	0.6	0.6	0.6	0.6	0.6	100.0

(CONTINUED)

CONFIDENCE TABLES

FILE MF1 CREATION DATE = 11/27/78 BUFFALO DIST. LANE EMIL LUIS

TEXTURE OF SURFACE MOUNTAIN C K C S T A B U L A T I U N C F D U N U R B A N S L O P E V A L U E

CONTROLLING FOR... SAMPLING STATION BASIN VALUE = 7.6 TYPICAL 2 GRAM PAGE 2 OF 2

TEXT	SLOPE										18 OR GREATER	18.01	TOTAL
	COUNT	1	0.5	1.0	2.0	3-5	9-11	15-17	18.01	18.01			
ROM PCT	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CUM PCT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TOT PCT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MUCH	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
COLUMN	41	10	43	35.7	0.1	17.9	2.4	1.0	0.6	0.6	1.0	0.6	100.0
TOTAL	35.0	8.9	35.7	35.7	0.1	17.9	2.4	1.0	0.6	0.6	1.0	0.6	100.0

CDE LMS CROSSTABS UPDATE

FILE #01 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LMS

PERM PERMEABILITY, LOW VALUE IN HORIZ. IN P HR BY SLOPE DON URBAN SLOPE VALUE

CONTROLLING FOR...

BASEIN SAMPLING STATION BASIN VALUE = 7. TYNOCHEE 3 CRAM

PAGE 1 OF 1

SLOPE													
COUNT													
PERM	0.2	0.5	1.0	2.0	3-5	9-11	15-17	18 OR GREATER	18.01	18.01	18.01	18.01	18.01
SURF .01 TO 0.09	10	0	0	0	0	0	0	0	0	0	0	0	10
BELO .01 TO 0.09	0	2	3	3	0	21	3	1	1	1	1	1	60
BELO .20 TO 0.59	0	3	5	5	0	0	0	0	0	0	0	0	43
BELO .60 TO 1.9	0	3	3	3	0	0	0	0	0	0	0	0	7
BELO 2.0 TO 5.9	0	0	0	0	0	0	0	0	0	0	0	0	0
BELO 6.0 OR GTR	0	0	0	0	0	0	0	0	0	0	0	0	0
COLUMN TOTAL	41	10	43	0	22	22	3	1	1	1	1	1	121
TOTAL	33.9	6.4	35.7	0.1	17.9	2.4	1.0	0.6	0.6	0.6	0.6	0.6	100.0

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N O F D O N U R B A N S L O P E V A L U E

LU MAJOR LAND USE CATEGORIES

CONTROLLING FOR ..

BASIN SAMPLING STATION BASIN

..... VALUE = 7. TYMOCHTEE @ CRAW PAGE 1 OF 1

		SLOPE												ROW TOTAL	
COUNTY															
ROW PCT	COL PCT	SLOPE												18 OR GREATER	
		0.2	0.21	0.5	1.0	2.0	3-5	9-11	15-17	18.01	18.01	18.01	18.01		
1.	36	34.7	6.9	36.4	0.1	18.3	2.2	0.9	0.5	0.3	0.5	0.3	0.5	103	84.6
	86.2	69.6	85.9	100.0	0.1	15.5	1.9	0.7	0.4	0.4	0.4	0.4	0.4		
	29.3	5.8	30.7	0.1	15.5	1.9	0.7	0.4	0.4	0.4	0.4	0.4	0.4		
3.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.2
	21.4	21.4	35.7	0.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	0	0.0
	0.7	2.9	1.2	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0.0
	0.2	0.2	0.4	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.0
4.	2	28.2	16.5	34.1	0.0	15.3	3.5	1.2	1.2	1.2	1.2	1.2	1.2	8	7.0
	5.8	13.7	6.7	0.0	6.0	10.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1		
	2.0	1.2	2.4	0.0	1.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
5.	1	30.8	42.3	3.8	0.0	11.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3	2.1
	1.9	10.8	0.2	0.0	1.4	3.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
	0.7	0.9	0.1	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
6.	2	34.4	4.7	40.6	0.0	18.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6	5.3
	5.3	2.9	6.0	0.0	5.5	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
	1.8	0.2	2.1	0.0	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
COLUMN TOTAL	41	10	43	35.7	0.1	17.9	2.4	1.0	0.6	0.6	0.6	0.6	0.6	121	100.0

CHI SQUARE = 7.71605 WITH 28 DEGREES OF FREEDOM SIGNIFICANCE = 0.9999

CRAMER'S V = 0.12600

CCCCCURENCE TABLES

FILE MF1 CREATION DATE = 11/07/781 BUFFALO DIST.QUE LAKE ENIE LRIS

SLOPE UON UNRAN SLOPE VALUE
CONTROLLING FOR...
BASIN SAMPLING STATION BASIN

BY REAC

VALUE = 7.1 YMOCHTEE 3 CRAM

PAGE 1 OF 2

BFAC

COUNT	0.10	0.15	0.17	0.24	0.29	0.32	0.37	0.43	ROW TOTAL
ROM PCT	0.101	0.151	0.171	0.241	0.291	0.321	0.371	0.431	
CUL PCT	0.101	0.151	0.171	0.241	0.291	0.321	0.371	0.431	
101 PCT	0.101	0.151	0.171	0.241	0.291	0.321	0.371	0.431	
SLEP	0.2	0	0	0	0	0	0	0	41
LESS THAN 0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0
	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.5	0	0	0	0	0	0	0	10
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.7
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.5
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.7
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9
9-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
15-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
COLUMN TOTAL	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	59
TOTAL	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	121
(CONTINUED)									100.0

COCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/781 BUFFALO DIST., QUE LAKE EPIC LRIS

..... C R L S T A B U L A T I U N C F
 SLOPE DUN UREAN SLOPE VALUE BY KFAC INTRINSIC ERUDABILITY
 CONTROLLING FOR.....
 BASIN SAMPLING STATION BASIN VALUE = 7. TYROCHITEE 3 GRAM
 PAGE 2 OF 2

RFAC												
COUNT	C.10	0.15	C.17	0.24	0.28	0.32	0.37	0.43	ROW			
ROW PCT									TOTAL			
CUL PCT												
TOT PCT	0.101	0.151	C.171	0.241	0.281	0.321	0.371	0.431				
SLOPE	18.0	0	0	0	0	0	0	1	1			
18 OR GREATER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.6			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2				
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6				
COLUMN	0	1	C	29	17	1	15	59	121			
TOTAL	0.2	0.5	0.4	23.6	13.7	0.9	12.0	48.6	100.0			

COOCCURRENCE TABLES

FILE MFI ICATION DATE = 11/07/781 BUFFALO DIST. CODE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON CROSS TABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 7. TYMOCREE 2 GRAM PAGE 1 OF 2

		LU										ROW TOTAL	
		COUNT	ICROPLAND	PASTURE	FOREST	WATER	OTHER						
TEXT		ROW PCT COL PCT TOT PCT	1.1	3.1	4.1	5.1	6.1						
CLAY	1.1	4	76.1	3.7	13.0	3.7	0						5
			3.9	14.3	8.2	7.7	5.6						4.4
			3.3	0.2	0.6	0.2	0.2						
SILTY CLAY	1.2	3	82.5	0.0	7.5	2.5	0						4
			3.2	0.0	3.5	3.8	7.5						3.3
			2.7	0.0	0.2	0.1	0.2						
SILT CLAY LOAM	2.1	36	86.7	0.2	5.6	2.2	2						41
			35.0	7.1	27.1	34.6	5.3						34.1
			29.5	0.1	1.9	0.7	1.8						
LOAM	3.1	1	100.0	0.0	0.0	0.0	0						1
			0.7	0.0	0.0	0.0	0.0						0.6
			0.6	0.0	0.0	0.0	0.0						
SILTY LOAM	3.2	57	83.5	1.6	7.6	2.0	4						68
			55.8	78.6	41.2	55.8	5.3						56.4
			47.1	0.9	4.3	1.2	3.0						
SANDY LOAM	4.1	1	100.0	0.0	0.0	0.0	0						1
			0.7	0.0	0.0	0.0	0.0						0.6
			0.6	0.0	0.0	0.0	0.0						
FN SANDY LOAM	4.2	1	100.0	0.0	0.0	0.0	0						1
			0.6	0.0	0.0	0.0	0.0						0.5
			0.5	0.0	0.0	0.0	0.0						
TOTAL		103	84.4	1.2	7.0	2.1	6						121
TOTAL													100.0

CONCURRENCE TABLES

FILE #01 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON C A O S S T A B U L A T I O N D F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 1. 1900MEE 2 CRAN PAGE 2 OF 2

TEXT	LU						ROW TOTAL
	COM PCT	ICROPLAND	PASTURE	FOREST	WATER	OTHER	
	COL PCT						
	TOT PCT	1.1	3.1	4.1	5.1	6.1	
MUCK	6.1	0	0	0	0	0	0
		100.0	0.0	0.0	0.0	0.0	0.2
		0.2	0.0	0.0	0.0	0.0	0.0
		0.2	0.0	0.0	0.0	0.0	0.0
		103	1	0	3	6	121
	TOTAL	84.4	1.2	7.0	2.1	5.3	100.0

CHI SQUARE = 1.01970 WITH 20 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.06119

CDE LRIIS CROSSTABS UPDATE

FILE MFL (CREATION DATE = 11/10/78) BUFFALO DIST., CUE LAKE ERIE LRIIS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR BY LU CROSSTABULATION U F MAJOR LAND USE CATEGORIES

CONTROLLING FOR.. BASIN SAMPLING STATION BASIN VALUE = 7. TYMOCHITEE 3 GRAM PAGE 1 OF 1

LU											
PERM	COUNT ROM PCT CUL PCT TOT PCT	CROPLAND					PASTURE	FOREST	WATER	OTHER	RUM TOTAL
		1.1	3.1	4.1	5.1	6.1					
SURF .01 TO 0.09	1.8	78.6	1.9	5.7	2.9	6.8	10	8.5			
	7.9	14.3	11.5	10.9							
	6.7	0.2	0.6	0.2	0.6						
BELO .01 TO 0.09	2.51	84.4	1.2	7.1	1.3	6.0	60	49.7			
	49.7	50.6	30.8	56.2							
	41.9	0.6	3.5	0.7	3.0						
BELO .20 TO 0.59	4.37	86.7	0.7	5.6	2.1	4.7	43	35.3			
	36.3	21.4	29.4	35.6	31.3						
	30.6	0.2	2.1	0.7	1.6						
BELC .00 TO 1.9	5.77	77.1	2.9	10.0	8.6	1.4	7	5.8			
	5.3	14.3	8.2	23.1	1.6						
	4.4	0.2	0.6	0.5	0.1						
BELC 2.0 TO 5.9	6.100	0	0	0	0	0	0	0.2			
	0.3	0.0	0.0	0.0	0.0	0.0					
	0.2	0.0	0.0	0.0	0.0	0.0					
BELC 6.0 CR GTR	7.100	1	0	0	0	0	1	0.5			
	0.6	0.0	0.0	0.0	0.0	0.0					
	0.5	0.0	0.0	0.0	0.0	0.0					
COLUMN TOTAL	102	84.4	1.2	7.1	2.1	5.3	121	100.0			

COCCURRENCE TABLES

FILE MFI ICREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS
 LAND CAPABILITY CLASS. WITH LPTS BY LU MAJOR LAND USE CATEGORIES
 CONTROLLING FOR... VALUE = 7. TMCNTEE 3 GRAH
 BASIN SAMPLING STATION BASIN

LU												
CAP	COUNT ROW PCT CUL PCT TOT PCT	CROPLAND		PASTURE	FOREST	WATER	OTHER	ROM TOTAL				
		1.1	3.1						4.1	5.1	6.1	
1	1.1	100.0	0.0	0	0	0.0	0.0	0	0.3			
		0.4	0.0	0.0	0.0	0.0	0.0					
		0.3	0.0	0.0	0.0	0.0	0.0					
3.	3.1	15	0	0	1	0	1	16				
		85.3	0.0	0.0	6.8	1.7	6.2	14.6				
2E		14.7	0.0	0.0	14.1	11.5	17.2					
		12.4	0.0	0.0	1.0	0.2	0.9					
2M	4.1	36	1	1	3	1	3	43				
		83.3	1.4	1.4	7.4	1.9	6.0	35.6				
		32.1	42.0	37.6	30.8	40.6						
		29.6	0.5	2.6	0.7	2.1						
3S	5.1	0	0	0	0	0	0	0				
		100.0	0.0	0.0	0.0	0.0	0.0	0.2				
		0.2	0.0	0.0	0.0	0.0	0.0					
		0.2	0.0	0.0	0.0	0.0	0.0					
3E	6.1	4	0	0	0	0	0	5				
		85.7	4.1	6.1	6.1	2.0	2.0	4.0				
		4.1	14.3	3.5	3.5	1.6	1.6					
		3.5	0.2	0.2	0.2	0.1	0.1					
3M	7.1	16	0	0	0	0	1	19				
		83.1	1.6	1.6	7.5	2.1	5.3	15.6				
		15.3	21.4	17.6	15.4	15.6						
		12.9	0.2	1.2	0.3	0.8						
4E	9.1	0	0	0	0	0	0	1				
		50.0	16.7	16.7	16.7	16.7	0.0	9.5				
		0.3	7.1	1.2	3.8	0.0	0.0					
		0.2	0.1	0.1	0.1	0.0	0.0					
COLUMN TOTAL		103	1	1	6	3	5.3	121				
		89.4	1.2	7.0	2.1	5.3		100.0				
RECEIVED												

(CONTINUED)

LOCOCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST., COLE LAKE TRIF LRIS

CAP LAND CAPABILITY CLASSIFICATION C F MAJOR LAND USE CATEGORIES

CONTROLLING FUR..

BASIN SAMPLING STATION HASIN

VALUE =

7. IYMOCHTEE 3 GRAM

PAGE 2 OF 2

LU										
COUNT	CROPLAND	PASTURE	FOREST	WATER	UTHER	RUM				
ROW PCT	1.1	3.1	4.1	5.1	6.1	TOTAL				
COL PCT	1.1	3.1	4.1	5.1	6.1	TOTAL				
TOT PCT	1.1	3.1	4.1	5.1	6.1	TOTAL				
13.	30	0	2	1	2	34				
5W	86.3	0.6	6.1	2.3	4.7	24.2				
	28.8	14.3	24.7	30.8	25.0					
	24.4	0.2	1.1	0.7	1.3					
14.	1	0	0	0	0	1				
6S	100.0	0.0	0.0	0.0	0.0	0.5				
	0.6	0.0	0.0	0.0	0.0					
	0.5	0.0	0.0	0.0	0.0					
15.	0	0	0	0	0	1				
6E	71.4	0.0	14.3	14.3	0.0	0.6				
	0.5	0.0	1.1	3.8	0.0					
	0.4	0.0	0.1	0.1	0.0					
COLUMN	103	1	8	3	6	121				
TOTAL	84.4	1.2	7.0	2.1	5.3	100.0				

CHI SQUARE = 3.91380 WITH 36 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.08576

CCCCCURENLE TABLES

FILE WFI (CREATION DATE = 11/07/78) BUFFALO DIST., CUL LAKE EFIE (PIS

LU MAJOR LAND USE CATEGORIES C R U S S T A B U L A T I O N U F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FUR... BASIN SAMPLING STATION HASIN VALUE = 7. TYNULATTEE 3 GRAM PAGE 1 OF 1

ERCU

LU	COUNT	RM PCT	EVERYPCR	PLURLY	SCREPCR	MUD.WELL	WELL	ROM
		LUL PCT	ITRAINED	DRAINED	CRAINED	DRAINED	DRAINED	TOTAL
	1.	39	1.1	2.1	3.1	4.1	5.1	
CREPLAND	1.	37.6	1.9	48.5	11.0	0.9	1.03	86.4
		84.5	87.0	85.0	81.3	90.0		
		31.8	1.6	41.0	9.3	0.7		
PASTURE	3.	0	0	0	0	0	1	1.2
		28.6	0.0	35.7	35.7	0.0		
		0.9	0.0	0.5	3.6	0.0		
		0.3	0.0	0.4	0.4	0.0		
FOREST	4.	3	0	4	1	0	8	7.0
		36.5	1.2	45.5	16.5	0.0		
		6.8	4.3	6.7	10.1	0.0		
		2.6	0.1	3.2	1.2	0.0		
WATER	5.	1	0	1	0	0	3	2.1
		46.2	3.8	34.4	11.5	3.8		
		2.6	4.3	1.5	2.2	10.0		
		1.0	0.1	5.7	0.2	0.1		
OTHER	6.	2	0	3	0	0	6	5.3
		37.5	1.6	54.7	6.3	0.0		
		5.3	4.3	6.0	2.9	0.0		
		2.0	0.1	2.5	0.3	0.0		
COLUMN TOTAL	46	2	55	14	11.4	0.8	121	100.0
	37.6	1.9	48.2					

COOCCURRENCE TABLES

FILE MFL (CREATION DATE = 11/27/79) BUFFALO DIST., BLUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R O S S I A B U L A T I O N U F I N T R I N S I C E R O G A B I L I T Y

CONTROLLING FUR. BASIN SAMPLING STATION BASIN VALUE = 7. TYMUCHTEE 3 GRAM

BY MFAC

MFAC

REAL										
COUNT	C.10	0.15	0.17	0.24	0.28	0.32	0.37	0.43	ROW	
ROW PCT									TOTAL	
CUL PCT										
TOT PCT	0.101	0.151	0.171	0.241	0.281	0.321	0.371	0.431		
LU	0	1	C	25	14	1	11	50	103	
CRCFLAND	0.2	0.6	0.5	24.7	13.5	0.9	10.8	48.8	84.4	
	100.0	100.0	100.0	88.2	83.2	81.8	76.0	84.8		
	0.2	0.5	C.4	20.8	11.4	0.7	9.1	41.2		
3.	0	0	C	0	0	0	0	1	1	
PASTURE	0.0	0.0	0.0	7.1	14.3	0.0	28.6	50.0	1.2	
	0.0	0.0	0.0	0.3	1.2	0.0	2.7	1.2		
	0.0	0.0	0.0	0.1	3.2	0.0	0.3	0.6		
4.	0	0	C	1	1	0	2	4	8	
FOREST	0.0	0.0	C.C	16.5	15.3	1.2	18.8	48.2	7.0	
	0.0	0.0	0.0	4.9	7.8	9.1	11.0	6.9		
	0.0	0.0	0.0	1.2	1.1	0.1	1.3	3.4		
5.	0	0	C	0	0	0	1	1	3	
WATER	0.0	0.0	C.C	19.2	11.5	3.8	38.5	26.9	2.1	
	0.0	0.0	0.0	1.7	1.8	9.1	6.8	1.2		
	0.0	0.0	0.0	0.5	0.2	0.1	0.8	0.6		
6.	0	0	C	1	1	0	0	3	6	
OTHER	0.0	0.0	0.0	21.9	15.6	0.0	7.8	54.7	5.3	
	0.0	0.0	0.0	4.9	6.0	0.0	3.4	5.9		
	0.0	0.0	0.0	1.2	0.8	0.0	0.4	2.9		
COLUMN TOTAL	0	1	C	29	17	1	15	59	121	
TOTAL	0.2	0.5	C.4	23.6	13.7	0.9	12.0	48.6	100.0	

COCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON C R G S T A B U L A T I O N O F D U N U R B A N S L O P E V A L U E

CONTRILLING FUR. BASIN SAMPLING STATION BASIN VALUE = 4. SANDUSKY 3 REX

PAGE 1 OF 2

TEXT	COUNT LOL PLY / 0.2 TOT PLY	SLOPE										18 OR GREATER 18.01	ROW TOTAL
		LESS THAN 0.5 0.21	0.51	1.0	2.0	3-5 2.01	4-10 4.01	9-11 10.01	12-14 13.01	15-17 16.01	18.01		
CLAY	1.1	8	0	0	0	0	0	0	0	0	0	0	8
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
		7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILTY CLAY	1.2	4	1	0	0	0	0	0	0	0	0	0	6
		76.3	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
		4.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILT CLAY/LOAM	2.1	88	19	4	0	0	3	0	0	0	0	0	115
		76.6	16.9	3.4	0.0	0.0	2.7	0.3	0.0	0.0	0.0	0.0	22.3
		79.7	52.4	2.2	0.0	0.0	2.1	2.0	0.0	0.0	0.0	0.0	0.0
		17.1	3.8	0.8	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0
LOAM	3.1	0	1	6	0	0	7	0	0	0	0	0	16
		1.3	7.1	41.0	0.0	0.0	44.2	3.2	0.0	1.9	1.3	0.0	3.0
		0.2	2.4	3.6	0.0	0.0	4.6	2.5	0.0	5.5	4.1	0.0	0.0
		0.0	0.2	1.2	0.0	0.0	1.3	0.1	0.0	0.1	0.0	0.0	0.0
SILTY LOAM	3.2	9	24	164	0	0	136	19	0	4	5	0	361
		2.4	6.6	45.4	0.1	0.1	37.9	5.2	0.0	1.2	1.3	0.0	70.2
		7.8	52.0	92.5	100.0	91.0	93.5	93.5	100.0	78.6	93.9	0.0	0.0
		1.7	4.6	31.5	0.1	0.1	26.6	3.7	0.0	0.8	0.9	0.0	0.0
SANDY LOAM	4.1	0	0	1	0	0	1	0	0	0	0	0	2
		0.0	4.8	28.6	0.0	0.0	52.4	14.3	0.0	0.0	0.0	0.0	0.4
		0.0	0.2	0.3	0.0	0.0	0.7	1.5	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
FN SANDY LOAM	4.2	0	0	2	0	0	2	0	0	1	0	0	6
		0.0	0.0	38.6	0.0	0.0	40.4	1.8	0.0	17.5	1.8	0.0	1.1
		0.0	0.0	1.2	0.0	0.0	1.5	0.5	0.0	18.2	2.0	0.0	0.0
		0.0	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.2	0.0	0.0	0.0
COLUMN TOTAL	110	46	177	0	0	150	20	20	0	5	5	5	514
TOTAL	21.4	8.9	34.4	0.1	0.1	29.2	3.9	3.9	0.0	1.1	1.0	1.0	100.0

(CONTINUED)

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LMS

TEXT TEXTURE OF SURFACE HORIZON C R L S T A B U L A T I O N U F D U N U R B A N S L O P E V A L U E

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 4. SANDUSKY 2 MEX

PAGE 2 OF 2

SLOPE																	MOD TOTAL
COUNT	LESS THAN 0.5	1.0	2.0	3-5	9-11	12-14	15-17	18 OR GREATER									
ROM PCT	0.2	0.51	1.01	2.01	4.01	10.01	13.01	16.01	18.01								
CUL PCT	0.2	0.51	1.01	2.01	4.01	10.01	13.01	16.01	18.01								
TOT PCT	0.2	0.51	1.01	2.01	4.01	10.01	13.01	16.01	18.01								
TEXT	5-5	0	0	0	0	0	0	0	0								0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
LGARFINESSAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
PULCH	1	0	0	0	0	0	0	0	0								1
	102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.3
	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
TEXT	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								0.0
COLUMN TOTAL		110	46	177	0	150	20	0	5								514
TOTAL		21.4	8.9	34.4	0.1	29.2	3.9	0.0	1.1								100.0

CONTROLLING FOR...		4. SANDUSKY 3 MEA		PAGE 1 OF 1
BASIN	SAMPLING STATION	VALUE		

COUNTY		SLOPE													ROW TOTAL
ROW PCT	COL PCT	0.2	0.5	1.0	1.01	2.0	3-5	9-11	12-14	15-17	18 OR GREATER	18.01	18.01		
PERM		0.21	0.51	1.0	1.01	2.0	3-5	9-11	12-14	15-17	18 OR GREATER	18.01	18.01		
1.		16	0	0	0	0	0	0	0	0	0	0	16		
SURF .01 TO 0.09		100.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0		
		14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2.		1	5	144	0	109	1	8	0	3	4	233			
BELG .01 TO 0.09		0.4	1.7	22.2	0.0	40.0	1	3.0	0.0	1.0	1.3	53.3			
		1.1	10.0	81.2	0.0	72.9	41.3	1.6	0.0	49.1	73.5				
		0.2	0.9	28.0	0.0	21.3	1.6	0.0	0.0	0.5	0.7				
4.		86	20	18	0	30	1	10	0	1	1	167			
BELO .20 TO 0.59		51.4	11.8	11.0	0.2	17.9	6.1	0.1	0.1	0.9	0.5	32.5			
		78.4	43.0	10.4	100.0	19.9	50.7	100.0	27.3	18.4	0.2				
		16.7	3.8	3.6	0.1	5.8	2.0	0.0	0.0	0.3	0.2				
5.		7	21	12	0	8	1	1	0	0	0	50			
BELO .60 TO 1.9		13.6	43.0	25.6	0.0	15.2	2.0	0.0	0.0	0.2	0.4	9.8			
		6.2	46.9	7.2	0.0	5.1	5.0	0.0	0.0	1.6	4.1				
		1.3	4.2	2.2	0.0	1.5	0.2	0.0	0.0	0.0	0.0				
6.		0	0	2	0	3	0	0	0	0	0	6			
BELG 2.0 TO 5.9		0.0	0.0	34.5	0.0	48.3	8.6	0.0	0.0	5.2	5.4	1.1			
		0.0	0.0	1.1	0.0	1.9	2.5	0.0	0.0	5.5	4.1				
		0.0	0.0	0.4	0.0	0.5	0.1	0.0	0.0	0.1	0.0				
7.		0	0	0	0	0	0	0	0	1	0	1			
BELG 6.0 OR GTR		0.0	0.0	6.7	0.0	26.7	6.7	0.0	0.0	60.0	0.0	0.3			
		0.0	0.0	0.1	0.0	0.3	0.3	0.0	0.0	16.4	0.0				
		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0				
COLUMN TOTAL		109	46	177	0	150	20	3.9	0.0	5	5	513			
TOTAL		21.3	8.9	34.5	0.1	29.3	3.9	0.0	1.1	1.0	1.0	100.0			

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., CCE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R O S S T A B U L A T I O N O F D O N U R B A N S L O P E V A L U E

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 4. SANDUSKY MEX PAGE 1 OF 1

COUNT	SLOPE												ROW TOTAL
	LESS THAN 0.5	0.51	1.0	2.0	3-5	9-11	12-14	15-17	18 OR GREATER	16.01	18.01	16.01	
ROW PCT	0.2	0.21	0.51	1.01	2.01	4.01	10.01	13.01	16.01	16.01	16.01	16.01	16.01
COL PCT	0.2	0.21	0.51	1.01	2.01	4.01	10.01	13.01	16.01	16.01	16.01	16.01	16.01
LU													
CROPLAND	1.	92	30	148	0	124	15	0	4	3	417	81.1	
		25.2	7.2	35.5	0.0	29.8	3.7	0.0	0.9	0.7			
		83.9	65.3	83.7	33.3	77.1	100.0	67.3	59.2	59.2			
		14.0	5.8	28.8	0.0	24.2	3.0	0.0	0.7	0.6			
PASTURE	3.	2	2	3	0	4	1	0	0	0	12	2.3	
		13.6	14.9	27.1	0.0	32.2	6.8	0.0	1.7	3.4			
		1.5	3.7	1.8	33.3	2.5	4.0	0.0	3.6	8.2			
		0.3	0.3	0.6	0.0	0.7	0.2	0.0	0.0	0.1			
FOREST	4.	7	7	15	0	11	2	0	1	1	44	8.6	
		18.5	15.3	34.0	0.0	25.7	5.2	0.0	1.4	2.7			
		6.3	14.8	8.5	0.0	7.6	11.4	0.0	12.7	24.5			
		1.3	1.3	2.9	0.0	2.2	0.4	0.0	0.1	0.2			
WATER	5.	2	5	1	0	1	0	0	0	0	10	2.0	
		20.8	50.5	5.9	1.0	11.9	4.0	0.0	4.0	2.0			
		1.9	11.1	0.3	33.3	0.8	2.0	0.0	7.3	4.1			
		0.4	1.0	0.1	0.0	0.2	0.1	0.0	0.1	0.0			
OTHER	6.	7	2	10	0	9	1	0	0	0	31	6.0	
		23.2	7.5	32.4	0.0	31.0	3.6	0.0	1.4	0.7			
		6.4	5.0	5.6	0.0	6.3	5.5	0.0	9.1	4.1			
		1.4	0.4	1.9	0.0	1.6	0.2	0.0	0.1	0.0			
COLUMN TOTAL	110	46	46	177	0	150	20	0	3	3	516	100.0	
		21.4	8.9	34.4	0.1	29.2	3.9	0.0	1.1	1.0			

CHI SQUARE = 35.95454 WITH 32 DEGREES OF FREEDOM SIGNIFICANCE = 0.2884

CRAMER'S V = 0.13228

EME
 MEI
 ICREATION DATE = 11/07/78
 BUFFALO DIST., COE LAKE FRIE LRS

FILE	WFL	(CREATION DATE * 11/27/79)	BUFFALO CIST.,CDE LAKE ERIE LAIS
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SLOPE	UGN	UKIAN	SLOPE	VALUE
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
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86	86	86	86	86
87	87	87	87	

CONTROLLING FUR..

SAMPLING STATION BASIN	VALUE =	4.	SANDUŠKÝ	MEX
BASIN				
PAGE 1				UF 2

PAGE 1 OF 2

		PEAC														
COUNT	ROW PCT	C10	C15	C17	C20	C24	C28	C32	C37	C43	ROW	COL	ROW	COL		
COL PCT	TOT PCT	0.101	0.151	0.171	0.201	0.241	0.281	0.321	0.371	0.431	TOT	PCT	TOT	TOT		
SLEPE	0.2	1	0	C	0	76	32	0	0	0	110	0.2	0.2	110		
LESSTHAN 0.2	0.2	1.2	0.0	C	0.0	69.7	28.8	0.3	0.0	0.0	21.4	0.2	0.2	21.4		
	0.2	100.0	0.0	0.0	0.0	94.4	65.2	1.2	0.0	0.0		0.2	0.2			
	0.2	0.3	0.0	0.0	0.0	14.9	6.2	0.1	0.0	0.0		0.2	0.2			
0.5	0.5	0	0	C	0	0	12	8	26	0	46	0.5	0.5	46		
	0.5	0.0	0.0	0.0	0.0	0.7	26.2	16.8	56.3	0.0	8.9	0.5	0.5	8.9		
	0.5	0.0	0.0	0.0	0.0	0.4	24.7	30.8	20.4	0.0		0.5	0.5			
	0.5	0.0	0.0	0.0	0.0	0.1	2.3	1.5	5.0	0.0		0.5	0.5			
1.0	1.0	0	0	C	2	0	3	10	51	110	177	1.0	1.0	177		
	1.0	0.0	0.0	0.0	1.1	0.2	1.8	5.7	28.7	62.1	34.5	1.0	1.0	34.5		
	1.0	0.0	0.0	0.0	87.0	0.4	6.6	40.0	40.0	48.7		1.0	1.0			
	1.0	0.0	0.0	0.0	0.4	0.1	0.6	1.9	9.9	21.4		1.0	1.0			
2.0	2.0	0	0	C	0	0	0	0	0	0	0	2.0	2.0	0		
	2.0	0.0	0.0	0.0	0.0	0.0	66.7	0.0	0.0	33.3	0.1	2.0	2.0	0.1		
	2.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0		2.0	2.0			
	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		2.0	2.0			
3-5	4.0	0	0	C	0	3	1	5	37	102	150	3-5	4.0	150		
	4.0	0.0	0.2	0.5	0.2	2.1	0.8	3.4	24.9	67.9	29.2	4.0	4.0	29.2		
	4.0	0.0	23.1	46.7	13.0	4.0	2.5	20.4	28.5	45.1		4.0	4.0			
	4.0	0.0	0.1	C	0.1	0.6	0.2	1.0	7.3	19.9		4.0	4.0			
9-11	10.0	0	0	C	0	0	0	1	10	8	20	9-11	10.0	20		
	10.0	0.0	0.5	0.0	0.0	2.5	1.5	4.0	51.2	40.3	3.9	10.0	10.0	3.9		
	10.0	0.0	7.7	0.0	0.0	0.6	0.6	3.2	8.1	3.6		10.0	10.0			
	10.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	2.0	1.6		10.0	10.0			
12-14	13.0	0	0	C	0	0	0	0	0	0	0	12-14	13.0	0		
	13.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	100.0	0.0	0.0	13.0	13.0	0.0		
	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		13.0	13.0			
	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		13.0	13.0			
COLUMN TOTAL		1	1	1	2	81	48	25	127	226	513	COLUMN TOTAL		513		
		0.3	0.3	0.3	0.4	15.8	9.5	4.9	24.7	44.0	100.0			100.0		

(CONTINUED)

BUFFALO DIST., CUE LAKE FRIE LHS

BY	KFAC	INTRINSIC ERUDABILITY

R.:

4. SANDUSKY @ MEX

4. SANDUSKY @ MEX

VALUE = 4. SANDUSKY & MEX

VALUE = 4. SANDUSKY & MEX

[illegible]

→

HFAC												
	COUNT	C.10	0.15	C.17	0.20	0.24	0.28	0.32	0.37	0.43	ROW	
	RUN PCT	C.10	0.15	C.17	0.20	0.24	0.28	0.32	0.37	0.43	TOTAL	
	CUL PCT											
	TOT PCT	0.101	0.151	C.171	0.201	0.241	0.281	0.321	0.371	0.431		
SLOPE	16.0	0	1	C	0	0	0	0	1	3	5	
15-17		0.0	16.4	C.C	0.0	1.8	0.0	5.5	27.3	49.1	1.1	
		0.0	64.2	G.C	0.0	3.1	0.0	1.2	1.2	1.2		
		0.0	0.2	G.C	0.0	0.3	0.0	0.1	0.3	0.5		
18 OR GREATER	18.0	0	0	0	0	0	0	1	1	3	5	
		0.0	0.0	G.C	0.0	2.0	0.0	16.4	18.4	63.3	1.0	
		0.0	0.0	C.C	0.0	3.1	0.0	3.2	0.7	1.4		
		0.0	0.0	G.C	0.0	0.3	0.0	0.2	0.2	0.6		
COLUMN TOTAL		1	1	1	2	81	48	25	127	226	513	
		0.3	0.3	C.3	0.4	15.8	9.5	4.9	24.7	44.0	100.0	

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

***** C R O S S T A B U L A T I O N O F M A J O R L A N D U S E C A T E G O R I E S *****

TEXT TEXTURE OF SURFACE HORIZON

CONTROLLING FOR..

BASIN SAMPLING STATION BASIN

VALUE = 4. SANDUSKY @ MER ***** PAGE 1 OF 2

COUNT		LU										ROM TOTAL
ROW PCT COL PCT TOT PCT		CROPLAND		PASTURE		FOREST		WATER		OTHER		
		1.1	3.1	4.1	5.1	6.1						
TEXT	1.1	5	1	1	0	1					1.5	
	62.3	6.3	10.4	3.9	16.9							
	1.2	4.2	1.0	3.0	4.2							
CLAY		0.9	0.1	0.2	0.1	0.3					6	
	1.2	5	0	0	0	0						
	61.4	1.7	6.8	2.4	6.8							
SILTY CLAY	1.2	0.8	0.9	2.0	1.3					1.1		
	0.9	0.0	0.1	0.0	0.1							
	2.1	96	1	8	2	7						
SILTY CLAY LOAM	83.5	1.1	7.1	2.1	6.2					115		
	23.0	11.0	18.2	23.8	23.2							
	18.6	0.3	1.6	0.5	1.4							
LCAM	3.1	13	0	1	0	1					16	
	84.6	0.6	7.7	2.6	4.5							
	3.2	0.8	2.7	4.0	2.3							
SILTY LOAM		2.6	0.0	0.2	0.1	0.1					3.0	
	290	10	33	7	21							
	80.4	2.7	9.3	1.9	5.8							
SANDY LOAM		69.6	82.2	75.3	66.3	68.0					361	
	56.4	1.9	6.5	1.3	4.0							
	2	0	0	0	0							
SANDY LOAM		90.5	0.0	4.8	0.0	4.8					0.4	
	0.5	0.0	0.2	0.0	0.3							
	0.4	0.0	0.0	0.0	0.0							
FM SANDY LOAM	4.2	5	0	0	0	0					6	
	89.3	1.8	5.3	0.0	3.3							
	1.2	0.8	0.7	0.0	0.7							
COLUMN TOTAL		1.0	0.0	0.1	0.0	0.0					514	
	417	12	44	10	31							
	81.1	2.3	8.6	2.0	6.0							

100.0

(CONTINUED)

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE - 4. SANDUSKY 8 MEX PAGE 2 OF 2

TEXT	COUNT						ROW TOTAL
	LU	CROPLAND	PASTURE	FOREST	WATER	OTHER	
LCALF (NESAND	5.5	100.0	0.0	0.0	0.0	0.0	0.0
MUCK	6.1	92.3	0.0	0.0	7.7	0.0	0.3
COLUMN TOTAL		417	12	44	10	31	514
		81.1	2.3	8.6	2.0	6.0	100.0

CHI SQUARE = 5.59860 WITH 32 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
CRAMER'S V = 0.05220

CDE LUIS CROSSTABS UPDATE

FILE MFI (CREATION DATE - 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HERTZ..IN PWR BY LU MAJOR LAND USE CATEGORIES

CONTRALLING FOR.. BASIN SAMPLING STATION BASIN VALUE - 4: SANDUSKY MEX PAGE 1 OF 1

LU									
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW			
ROW PCT	COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1		
PERM	1.1	3.1	4.1	5.1	6.1	TOTAL			
SURF .01 TO 0.09	1.1	1	1	0	2	16			
	70.5	5.1	5.6	3.2	11.5	3.0			
	2.6	6.8	3.4	5.0	5.9				
	2.1	0.2	0.3	0.1	0.4				
BELC .01 TO 0.09	2.1	6	24	2	18	273			
	81.6	2.3	8.6	0.8	6.4	53.3			
	53.6	53.4	54.3	22.0	57.5				
	43.5	1.2	4.7	0.4	3.4				
BELC .20 TO 0.59	4.1	3	12	3	9	167			
	83.2	1.9	7.3	2.1	5.5	32.5			
	33.3	26.3	27.2	35.0	30.1				
	27.0	0.6	2.4	0.7	1.8				
BELC .60 TO 1.9	5.1	1	6	4	2	50			
	74.2	2.8	12.2	7.6	3.2	9.8			
	8.9	11.9	13.7	38.0	5.2				
	7.2	0.3	1.2	0.7	0.3				
BELC 2.0 TO 5.9	6.1	0	0	0	0	6			
	86.2	1.7	8.6	0.0	3.4	1.1			
	1.2	0.8	1.1	0.0	0.7				
	1.0	0.0	0.1	0.0	0.0				
BELC 6.0 OR GTR	7.1	0	0	0	0	1			
	80.0	6.7	0.0	0.0	13.3	0.3			
	0.3	0.8	0.0	0.0	0.7				
	0.2	0.0	0.0	0.0	0.0				
COLUMN TOTAL	416	12	44	10	31	513			
	81.1	2.3	6.7	2.0	6.0	100.0			

COLLIGUENCE TABLES

FILE NFI ICHATION DATE = 11/07/1981 BUFFALO DIST. BLUE LAKE ERIE LRIIS

***** CROSS TABULATION OF MAJOR LAND USE CATEGORIES *****

CAP LAND CAPABILITY CLASS WITH LIMITS BY LU

CONTROLLING FOR...

EASTN SAMPLING STATION BASIN

VALUE =

4. SANDUSKY 2 MEX

PAGE 1 OF 2

LU										
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW TOTAL				
ROW PCT	1.1	3.1	4.1	5.1	6.1					
TOT PCT	1.1	3.1	4.1	5.1	6.1					
1	9	0	1	0	0	11				
	84.0	1.9	5.4	1.9	2.8	2.1				
	2.1	1.7	2.3	2.0	1.0					
	1.7	0.0	0.2	0.0	0.1					
2S	1	0	0	0	0	1				
	100.0	0.0	0.0	0.0	0.0	0.2				
	0.3	0.0	0.0	0.0	0.0					
	0.2	0.0	0.0	0.0	0.0					
3.	109	3	11	1	8	133				
	81.9	2.6	8.2	0.8	6.4	26.0				
	26.2	29.7	24.8	10.9	21.8					
	21.3	0.7	2.1	0.2	1.7					
4.	141	4	16	3	10	175				
	80.4	2.3	9.3	2.0	5.9	34.0				
	33.7	34.7	36.5	34.7	34.0					
	27.4	0.8	3.2	0.7	2.0					
5.	1	0	0	0	0	1				
	100.0	0.0	0.0	0.0	0.0	0.1				
	0.2	0.0	0.0	0.0	0.0					
	0.1	0.0	0.0	0.0	0.0					
6.	22	1	2	0	1	27				
	80.6	3.7	8.4	1.8	5.5	5.3				
	5.3	8.5	5.2	5.0	4.9					
	4.3	0.2	0.4	0.1	0.3					
7.	41	1	5	1	3	52				
	18.7	2.5	9.6	2.9	6.3	10.2				
	9.9	11.0	11.3	14.9	10.8					
	8.0	0.3	1.0	0.3	0.6					
COLUMN TOTAL	417	12	44	10	31	514				
TOTAL	81.1	2.3	8.6	2.0	6.0	100.0				

(CONTINUED)

0006 MEI 11/07/78) BUFFALO DIST. CUE LANE & IFF LKIS

FILE	MFI	(CREATION DATE = 11/9778)	BUFFALO DIST.	CUE LANE TYPE CRIS
<u>C R C S T A B U L A T I O N C F M A J O R L A N D U S E C A T E G O R I E S</u>				
LAND CLASSIFICATION			BY LU	
AND LAND CAPABILITY CLASSIFICATIONS				

CONTROLLING FUR..
BASIN
SAMPLING STATION HASIN
VALUE =
4. SANDUSKY 2 PER
PAGE 2 OF 2

COUNT															
ROW	COL	PCT	CRUPLAND	PASTURE	FOREST	WATER	OTHER	ROW	COL	PCT	CRUPLAND	PASTURE	FOREST	WATER	OTHER
TOT	PCT		1.1	3.1	4.1	5.1	6.1	TOT	PCT		1.1	3.1	4.1	5.1	6.1
45	8.		0	0	0	0	0	0			0	0	0	0	0
			66.7	0.0	0.0	0.0	33.3	0.1			66.7	0.0	0.0	0.0	33.3
			0.0	0.0	0.0	0.0	0.3				0.0	0.0	0.0	0.0	0.3
			0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0
46	9.		3	0	1	0	0	5			3	0	1	0	0
			66.0	2.1	13.5	8.5	8.5	0.9			66.0	2.1	13.5	8.5	8.5
			0.7	0.8	1.6	4.0	1.3				0.7	0.8	1.6	4.0	1.3
			0.6	0.7	0.1	0.1	0.1				0.6	0.7	0.1	0.1	0.1
50	13.		86	1	7	3	6	103			86	1	7	3	6
			83.8	1.1	6.5	2.6	5.6	20.1			83.8	1.1	6.5	2.6	5.6
			20.7	9.3	16.5	26.7	19.0				20.7	9.3	16.5	26.7	19.0
			16.8	0.2	1.4	0.5	1.1				16.8	0.2	1.4	0.5	1.1
65	14.		1	0	0	0	0	1			1	0	0	0	0
			80.0	10.0	0.0	0.0	10.0	0.2			80.0	10.0	0.0	0.0	10.0
			0.2	0.8	0.0	0.0	0.3				0.2	0.8	0.0	0.0	0.3
			0.2	0.8	0.0	0.0	0.0				0.2	0.8	0.0	0.0	0.0
66	15.		2	0	1	0	0	3			2	0	1	0	0
			57.1	8.6	25.7	2.9	5.7	0.7			57.1	8.6	25.7	2.9	5.7
			0.5	2.5	2.0	1.0	0.7				0.5	2.5	2.0	1.0	0.7
			0.4	0.1	0.2	0.0	0.0				0.4	0.1	0.2	0.0	0.0
76	18.		1	0	0	0	0	1			1	0	0	0	0
			63.6	9.1	18.2	9.1	0.0	0.2			63.6	9.1	18.2	9.1	0.0
			0.2	0.8	0.5	1.0	0.0				0.2	0.8	0.5	1.0	0.0
			0.1	0.0	0.0	0.0	0.0				0.1	0.0	0.0	0.0	0.0
COLUMN TOTAL			417	12	44	10	31	514			417	12	44	10	31
			81.1	2.3	8.4	2.0	6.0	100.0			81.1	2.3	8.4	2.0	6.0

CHI SQUARE = 8.67886 WITH 48 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
CRAMER'S V = 0.06497

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/78) BUFFALO DIST. COE LAKE EMIE LRIS

TEXTURE OF SURFACE HURIZEN C R O S S T A B U L A T I O N C F D C N U R B A N S L O P E V A L U E

CONTROLLING FUR. BASIN SAMPLING STATION BASIN

VALUE = 28. M.C. TRIG ACKER PAGE 1 OF 1

COUNT SLOPE

	ROW	COL	TGT	TEXT	1	0.2	0.5	1.0	3-5	TOTAL
	2.1	1	1	1	1	1	1	1	1	1
SILTCLAYLOAM	47.8	52.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0
	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
	28.2	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0
SILTY LOAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	28.2	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0

COE LRIS CRUSSTABS UPDATE

FILE #61 (CREATION DATE = 11/10/78) BUFFALO DIST., LUE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR BY SLOPE DOON URBAN SLOPE VALUE
 CONTRACTING FOR...
 BASIN SAMPLING STATION BASIN VALUE = 28. M.C. FRIG ACKER
 PAGE 1 OF 1

SLOPE

COUNT	SLOPE					ROW TOTAL
	0.2	0.5	1.0	3-5	4.01	
ROW PCT	0.21	0.51	1.01	4.01		
CUL PCT	0.2	0.5	1.0	4.0		
TOT PCT	0.2	0.5	1.0	4.0		
PERM	0.2	0.5	1.0	4.0		
BELO .01 TO 0.09	0.0	0.0	0.0	0.0	0.0	0.0
BELO .20 TO 0.59	0.0	0.0	0.0	0.0	0.0	0.0
BELO .60 TO 0.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 1.00 TO 1.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 2.00 TO 3.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 4.00 TO 5.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 6.00 TO 7.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 8.00 TO 9.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 10.00 TO 11.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 12.00 TO 13.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 14.00 TO 15.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 16.00 TO 17.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 18.00 TO 19.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 20.00 TO 21.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 22.00 TO 23.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 24.00 TO 25.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 26.00 TO 27.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 28.00 TO 29.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 30.00 TO 31.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 32.00 TO 33.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 34.00 TO 35.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 36.00 TO 37.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 38.00 TO 39.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 40.00 TO 41.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 42.00 TO 43.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 44.00 TO 45.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 46.00 TO 47.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 48.00 TO 49.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 50.00 TO 51.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 52.00 TO 53.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 54.00 TO 55.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 56.00 TO 57.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 58.00 TO 59.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 60.00 TO 61.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 62.00 TO 63.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 64.00 TO 65.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 66.00 TO 67.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 68.00 TO 69.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 70.00 TO 71.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 72.00 TO 73.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 74.00 TO 75.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 76.00 TO 77.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 78.00 TO 79.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 80.00 TO 81.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 82.00 TO 83.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 84.00 TO 85.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 86.00 TO 87.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 88.00 TO 89.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 90.00 TO 91.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 92.00 TO 93.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 94.00 TO 95.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 96.00 TO 97.99	0.0	0.0	0.0	0.0	0.0	0.0
BELO 98.00 TO 99.99	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	26.2	30.8	33.2	7.7	0.0	100.0

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., GCE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CROSS TABULATION OF LU ON URBAN SLOPE VALUE

CONTROLLING FOR... VALUE = 28. H.C. TRIB ACKER

BASIN SAMPLING STATION BASIN PAGE 1 OF 1

LU	SLOPE						ROW TOTAL
	COUNT	LESS THAN 0.5	1.0	3-5	4.01		
	ROW PCT	0.2	0.51	1.01	4.01		
	COL PCT	0.2	0.51	1.01	4.01		
	TOT PCT	0.2	0.51	1.01	4.01		
1.	1	1	1	1	0	3	
	28.6	31.4	31.4	8.6	89.7		
	90.9	91.7	84.6	100.0			
	25.6	28.2	28.2	7.7			
4.	0	0	0	0	0	0	
	0.0	33.3	66.7	0.0	7.7		
	0.0	8.3	15.4	0.0			
	0.0	2.6	5.1	0.0			
6.	0	0	0	0	0	0	
	100.0	0.0	0.0	0.0	2.6		
	9.1	0.0	0.0	0.0			
	2.6	0.0	0.0	0.0			
COLUMN TOTAL	28.2	30.8	33.3	7.7	100.0		

CHI SQUARE = 0.47087 WITH 4 DEGREES OF FREEDOM SIGNIFICANCE = 0.9982

CRAMER'S V = 0.24570

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST. - CUE LAKE ERIC LUIS

..... C R U S S T A B U L A T I O N C F INTRINSIC PROBABILITY

..... UN UREA SLOPE VALUE VALUE = 28. F.C. TRIB ACKER PAGE 1 OF 1

		PFAC				
SLOPE	COUNT	C.28	C.32	C.37	C.43	RUM TOTAL
		CUL PCT	TOT PCT	CUL PCT	TOT PCT	
LESS THAN 0.2	0.2	100.0	0.0	0.0	0.0	28.2
		73.3	0.0	0.0	0.0	
		28.2	0.0	0.0	0.0	
0.5	0.5	33.3	66.7	0.0	0.0	30.8
		28.7	100.0	0.0	0.0	
		10.3	20.5	0.0	0.0	
1.0	1.0	0.0	0.0	84.6	15.4	33.3
		0.0	0.0	91.1	50.0	
		0.0	0.0	28.2	5.1	
3-5	4.0	0.0	0.0	33.3	66.7	7.7
		0.0	0.0	6.3	50.0	
		0.0	0.0	2.6	5.1	
COLUMN TOTAL		38.5	20.5	30.6	10.3	100.0

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CDE LAKE ERIE LAIS

TEXT CROSSL TABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... TEXTURE OF SURFACE HORIZON

BASIN SAMPLING STATION BASIN

VALUE = 28. H.C. TRIB ACKER

PAGE 1 OF 1

TEXT	LU				ROW TOTAL
	COUNT	ROW PCT	ICROPLAND	FOREST	
	COL PCT	TOT PCT	1.1	4.1	6.1
SILTCLAYLOAM	2.1	91.3	2	0	2
		60.0	4.3	4.3	59.0
		53.8	33.3	100.0	
			2.6	2.6	
SILTY LOAM	3.2	87.5	1	0	2
		40.0	12.5	0.0	41.0
		35.9	66.7	0.0	
			5.1	0.0	
COLUMN TOTAL		3	0	0	4
		85.7	7.7	2.6	100.0

CHI SQUARE = 0.13261 WITH 2 DEGREES OF FREEDOM SIGNIFICANCE = 0.9285

CRAMER'S V = 0.19781

COE LRIS CROSS TABS UPDATE

FILE MF1 (CREATION DATE = 11/10/70) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ. IMP HR BY LU MAJOR LAND USE CATEGORIES

CONTROLLING FOR.. BASIN SAMPLING STATION BASIN VALUE = 20. M.C. TRIB ACKER

PAGE 1 OF 1

		LU			
		COUNT	CROPLAND	FOREST	OTHER
PERM	ROW PCT	COL PCT	TOT PCT	ROW TOTAL	COL TOTAL
BELC .01 TO 0.09	2.	1	1	0	0
		87.5	12.5	0.0	0.0
		40.0	66.7	0.0	0.0
		35.9	5.1	0.0	0.0
BELC .20 TO 0.59	4.	2	0	0	0
		91.3	4.3	4.3	59.0
		60.0	33.3	106.6	
		53.8	2.6	2.6	
COLUMN TOTAL		3	0	0	0
		89.7	7.7	2.6	100.0

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., QUE LAKE ERIE LRIS

CAP LAND CAPABILITY CLASS WITH LIPIS C H C S S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CENTRELLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 28. MC. TRIO ACKER

PAGE 1 OF 1

LU									
CAP	COUNT	ROW PCT	CROPLAND	FOREST	OTHER	NUM	TOTAL		
		101 PCT	1.1	4.1	6.1				
2E	3.	100.0	0.0	0.0	0.0	0			5.1
		5.7	0.0	0.0	0.0				
		5.1	0.0	0.0	0.0				
2M	4.	86.3	13.6	0.0	0.0	2			56.5
		54.3	100.0	0.0	0.0				
		48.7	7.7	0.0	0.0				
3M	7.	100.0	0.0	0.0	0.0	0			10.3
		11.5	0.0	0.0	0.0				
		10.3	0.0	0.0	0.0				
5M	13.	90.9	0.0	0.0	9.1	1			28.2
		20.6	0.0	100.0	0.0				
		25.6	0.0	2.6	0.0				
COLUMN	3	0	0	0	0	4			100.0
TOTAL	89.7	7.7	2.6	0.0	0.0				
CHI SQUARE = 0.45636 WITH 6 DEGREES OF FREEDOM SIGNIFICANCE = 0.9979									
CRAMER'S V = 0.25228									

LOGCORRELATION TABLES

FILE MFL ILLUSTRATION DATE = 11/07/74) BUFFALO DIST., LUE LAKE ERIE LKIS

MAJOR LAND USE CATEGORIES C H L S T A B U L A T I O N C F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FOR... BASIN SAMPLING STATION HASIN VALUE = 28. M.L.C. TRIB ACKER PAGE 1 OF 1

LU	COUNT		RUM PCT		VERYPOOR		POORLY		SCMEPCOR		RQM	
	CUL PCT	TOT PCT	ICRAINED	ICRAINED	ICRAINED	ICRAINED	ICRAINED	ICRAINED	ICRAINED	ICRAINED	ICRAINED	TOTAL
1.	31.4	1.1	28.6	1.1	40.0	1.1	89.7					
	91.7	1.1	90.9	1.1	81.5	1.1						
	28.2	1.1	25.6	1.1	35.5	1.1						
4.	0	1	0	1	0	1	0					
	33.3	1	0.0	1	66.7	1	7.7					
	8.3	1	0.0	1	12.5	1						
	2.6	1	0.0	1	5.1	1						
6.	0	1	0	1	0	1	0					
	0.0	1	100.0	1	0.0	1	2.6					
	0.0	1	9.1	1	0.0	1						
	0.0	1	2.6	1	6.1	1						
COLUMN TOTAL	30.8	1	28.2	1	41.0	1	100.0					

COOCCURRENCE TABLES

FILE MFL (CREATION DATE = 11/07/78) BUFFALO DIST., CJE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CRUSSTABULATION UF INTRINSIC ERUCABILITY

CONTROLLING FUR. BASIN SAMPLING STATION BASIN VALUE = 28. H.C. IRIB ACKER PAGE 1 OF 1

BFAC

LU	COUNT	0.28	0.32	0.37	0.43	RUM TOTAL
	ROW PCT	0.281	0.321	0.371	0.431	
	CUL PCT					
	TOT PCT					
CROPLAND	1.	40.0	20.0	31.4	8.6	89.7
		93.3	87.5	91.7	75.0	
		35.9	17.9	28.2	7.7	
FOREST	4.	0	0	0	0	0
		0.0	33.3	33.3	33.3	7.7
		0.0	12.5	8.3	25.0	
		0.0	2.6	2.6	2.6	
OTHER	6.	0	0	0	0	0
		100.0	0.0	0.0	0.0	2.6
		6.7	0.0	0.0	0.0	
		2.6	0.0	0.0	0.0	
COLUMN TOTAL		38.5	20.5	30.6	10.3	100.0

COCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/701 BUFFALO DIST., LANE ERIC LRIIS

TEXTURE OF SURFACE HORIZON CHUSSTABULATION OF SLOPE DUN URBAN SLOPE VALUE

CENTRELLING FOR... BASIN SAMPLING STATION BASIN VALUE = 15. HONEY CR NR WAYN PAGE 1 OF 1

SLOPE

COUNT	1	LESS THAN	0.5	1.0	3-5	9-11	RUM TOTAL
NUM PCT	0.2	0.21	0.51	1.01	4.01	10.01	
COL PCT	0.2	0.21	0.51	1.01	4.01	10.01	
TOT PCT							
TEXT	2.1	3	2	0	0	0	5
SILTCLAYLOAM	56.0	44.0	0.0	0.0	0.0	0.0	30.2
	84.8	91.7	0.0	0.0	0.0	0.0	
	15.2	15.1	0.0	0.0	0.0	0.0	
3.1	0	0	0	0	0	0	0
LOAM	0.0	0.0	100.0	0.0	0.0	0.0	0.7
	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	
3.2	0	0	0	4	4	1	9
SILTY LOAM	5.4	2.2	43.0	41.9	7.5	63.7	
	15.2	8.3	93.0	100.0	100.0		
	3.4	1.4	27.4	26.7	4.8		
4.2	0	0	0	0	0	0	0
FN SANDYLOAM	0.0	0.0	100.0	0.0	0.0	1.4	
	0.0	0.0	4.7	0.0	0.0	0.0	
	0.0	0.0	1.4	0.0	0.0	0.0	
COLUMN TOTAL	3	2	16.4	29.5	26.7	4	15
TOTAL	22.6						100.0

LOE LRIS JSTABS UPDATE

FILE MFI (CREATION DATE = 11/10/78) BUFFALO DIST., CUE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR C R O S T A B U L A T I O N C F DON URBAN SLOPE VALUE

CONTROLLING FOR BASIN SAMPLING STATION BASIN VALUE = 19. HONEY CR NR WAYN PAGE 1 OF 1

		SLOPE										ROM	
		COUNT	LESS THAN	0.5	1.0	3-5	9-11					TOTAL	
		ROM PCT	0.2	0.21	0.51	1.01	4.01	10.01					
		COL PCT	0.2	0.21	0.51	1.01	4.01	10.01					
		TOT PCT	0.2	0.21	0.51	1.01	4.01	10.01					
PERM													
BELC .01 TO 0.09		2.	0	0	0	4	2	0				6	
			3.2	0.0	61.2	35.5	0.0	0.0				42.5	
			6.1	0.0	88.4	56.4	0.0	0.0					
			1.4	0.0	26.0	15.1	0.0	0.0					
BELC .20 TO 0.59		4.	3	2	2	2	2	1				7	
			36.0	29.3	2.7	22.7	9.3					51.4	
			81.8	91.7	4.7	43.6	100.0						
			18.5	15.1	1.4	11.6	4.8						
BELC .60 TO 1.9		5.	0	0	0	0	0	0				1	
			44.4	22.2	33.3	0.0	0.0	0.0				6.2	
			12.1	8.3	7.0	0.0	0.0	0.0					
			2.7	1.4	2.1	0.0	0.0	0.0					
COLUMN TOTAL			3	2	4	4	4	1				15	
			22.6	16.4	29.5	26.7	4.8					100.0	

COOCCURRENCE TABLES

FILE WF1 CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIC LAIS

..... C R O S S T A B U L A T I O N O F
 LU MAJOR LAND USE CATEGORIES BY SLOPE DOON URRAN SLOPE VALUE

CONTROLLING FOR.....
 BASIN SAMPLING STATION BASIN VALUE = 19. MCNEY CR NR WAYN PAGE 1 OF 1

		SLOPE									
COUNTY											
ROW	PCT	0.5	1.0	3-5	9-11	ROW					
COL	PCT	0.2	0.51	1.01	4.01	TOTAL					
TOT	PCT	0.21	0.51	1.01	4.01	10.01					
1.	1.	3	2	4	3	1	13				
		24.6	15.4	26.5	26.2	5.4	89.0				
		97.0	83.3	86.0	87.2	100.0					
		21.9	13.7	25.3	23.3	4.8					
4.	4.	0	0	0	0	0	1				
		0.0	27.3	36.4	36.4	0.0	7.5				
		0.0	12.5	9.3	10.3	0.0					
		0.0	2.1	2.7	2.7	0.0					
6.	6.	0	0	0	0	0	0				
		20.0	20.0	40.0	20.0	0.0	3.4				
		3.0	4.2	4.7	2.6	0.0					
		0.7	0.7	1.4	0.7	0.0					
COLUMN		3	2	4	4	15					
TOTAL		22.6	16.4	29.5	26.7	100.0					

CHI SQUARE = 0.54014 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 0.9998
 CRAMER'S V = 0.13601

CODDURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST. LUF LAKE ENIE LRIS

SLOPE DUN UREAN SLOPE VALUE C P U S T A B U L A T I O N C F INTRINSIC ERODABILITY

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 19. MONEY CR MP WAYN

PAGE 1 OF 1

COUNT		BEAC										RUN	
COUNT		C.20	J.24	C.28	0.32	0.37	0.43					TOTAL	
COL PCT		0.201	0.241	0.281	0.321	0.371	0.431						
SLOPE		0.2	0.2	0.2	0.2	0.2	0.2						
LESS THAN 0.2		0.0	19.4	80.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5
		0.0	100.0	75.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	4.2	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5		0.0	0.0	33.3	58.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	16.7
		0.0	0.0	24.2	93.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.6	9.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		4.7	0.0	0.0	2.3	44.2	48.8	0.0	0.0	0.0	0.0	0.0	29.9
		100.0	0.0	0.0	5.7	39.6	52.5	0.0	0.0	0.0	0.0	0.0	0.0
		1.4	0.0	0.0	0.7	13.2	14.6	0.0	0.0	0.0	0.0	0.0	0.0
3-5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	51.3	48.7	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	41.7	47.5	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	13.9	13.2	0.0	0.0	0.0	0.0	0.0	0.0
9-11		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	14.6	14.6	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL		0	1	3	1	5	4	0	0	0	0	14	100.0
		1.4	4.2	22.5	10.4	33.3	27.8	0.0	0.0	0.0	0.0	0.0	0.0

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/79) BUFFALO DIST., COE LAKE EPIE LRIS

TEXT TEXTURE OF SURFACE HORIZON CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 19. MENEY CR MR WAYN PAGE 1 OF 1

		LU							
		COUNT		ROW PCT		CROPLAND		FOREST	
		ROW PCT		COL PCT		TOT PCT		OTHER	
		TOT PCT		TOT PCT		TOT PCT		TOT PCT	
TEXT		2.1		1.1		4.1		6.1	
SILTCLAYLOAM		92.0		4.0		4.0		0	
		35.4		18.2		40.0		1.4	
		31.5		1.4		1.4		0	
LOAM		100.0		0.0		0.0		0.0	
		0.8		0.0		0.0		0.0	
		0.7		0.0		0.0		0.0	
SILTY LOAM		87.1		9.7		3.2		0	
		92.3		81.8		60.0		2.1	
		55.5		6.2		2.1		0	
FN SANDYLOAM		100.0		0.0		0.0		0.0	
		1.5		0.0		0.0		0.0	
		1.4		0.0		0.0		0.0	
COLUMN TOTAL		13		1		7.5		3.4	
TOTAL		89.0		1		100.0		100.0	

CHI SQUARE = 0.19129 WITH 6 DEGREES OF FREEDOM SIGNIFICANCE = 0.9599

CRAMER'S V = 0.08094

COE LRIIS CRUSSTABS UPDATE

FILE MFL (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIIS

PERM PERMEABILITY, LOW VALUE IN HORIZ. IN P HR BY LU MAJOR LAND USE CATEGORIES

CONTROLLING FOR..

BASIN SAMPLING STATION BASIN VALUE = 19. MONEY CR NR WAYN PAGE 1 OF 1

LU

PERM	COUNT	CROPLAND	FOREST	ETHER	ROM
	ROW PCT				TOTAL
	COL PCT				
	TOT PCT	1.1	4.1	6.1	
BELC .01 TO 0.09	2.5	5	1	C	6
		85.5	9.7	4.8	42.5
		40.8	54.5	60.0	
		36.3	4.1	2.1	
BELC .20 TO 0.29	4.0	7	0	C	7
		92.0	5.3	2.7	51.4
		53.1	36.4	40.0	
		47.3	2.7	1.4	
BELC .60 TO 1.9	5.0	1	0	C	1
		88.9	11.1	0.0	6.2
		6.2	9.1	0.0	
		5.5	0.7	C.C	
COLUMN TOTAL	13	13	7.5	3.4	100.0

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/27/78) BUFFALO DIST., CUE LAKE ERIE LRIS

LAND CAPABILITY CLASS WITH LIPITS C R O S S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CONTRILLING FUR... BASIN SAMPLING STATION BASIN VALUE = 15. HONEY CR NR WAYN PAGE 1 OF 1

LU						
COUNT	ROM PCT	CROPLAND	FOREST	CTHER	ROM	
COL PCT	COL PCT				TOTAL	
TOT PCT	TOT PCT	1.1	4.1	6.1		
CAP	2.	0	0	0	0	
2S	100.0	0.0	0.0	0.0	0.7	
	0.0	0.0	0.0	0.0	0.0	
	0.7	0.0	0.0	0.0	0.0	
3.	3	0	0	0	4	
ZE	86.1	11.1	2.8	26.7	26.7	
	23.8	36.4	20.0	0.7		
	21.2	2.7	0.7			
4.	5	1	0	0	6	
2W	84.4	10.9	4.7	43.8	43.8	
	41.5	63.6	60.0			
	37.0	4.8	2.1			
6.	1	0	0	0	1	
3E	100.0	0.0	0.0	0.0	4.8	
	5.4	0.0	0.0	0.0		
	4.8	0.0	0.0	0.0		
7.	1	0	0	0	1	
3W	100.0	0.0	0.0	0.0	4.1	
	4.6	0.0	0.0	0.0		
	4.1	0.0	0.0	0.0		
13.	3	0	0	0	3	
5W	96.9	0.0	3.1	21.9	21.9	
	23.8	0.0	20.0			
	21.2	0.0	0.7			
COLUMN	13	1	0	15		
TOTAL	89.0	7.5	3.4	100.0		

CHI SQUARE = 0.64914 WITH 10 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.14910

COCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST. LAKE ERIE LUIS

LU MAJOR LAND USE CATEGORIES C R U S T A B U L A T I O N U F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FOR. BASIN SAMPLING STATION BASIN VALUE = 15. MONEY CR NR WAYN PAGE 1 OF 1

ERCU											
LU	COUNT		ROW PCT		EVERYPOOR		PURELY		SMELTCCR		ROW TOTAL
	COL PCT	ICRAINED	COL PCT	ICRAINED	DRAINED	DRAINED	DRAINED	DRAINED	DRAINED	DRAINED	
1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	13
CROPLAND	23.8	16.2	42.3	15.4	2.3	0	0	0	0	0	89.0
	91.2	95.5	84.6	90.9	100.0	1	1	1	1	1	
	21.2	14.4	37.7	13.7	2.1						
4.	0	0	0	0	0	0	0	0	0	0	1
FOREST	18.2	0.0	63.6	18.2	0.0	0	0	0	0	0	7.5
	5.9	0.0	10.8	9.1	0.0						
	1.4	0.0	4.4	1.4	0.0						
6.	0	0	0	0	0	0	0	0	0	0	0
CIMER	20.0	20.0	60.0	0.0	0.0	0	0	0	0	0	3.4
	2.9	4.5	4.4	0.0	0.0						
	0.7	0.7	2.1	0.0	0.0						
COLUMN TOTAL	23.3	15.1	44.5	15.1	2.1	0	0	0	0	0	100.0

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R C S T A B U L A T I O N L F INTRINSIC ERUDABILITY

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 15. MONEY CR NR WAYN PAGE 1 UP

PFAC

COUNT	PFAC										ROW TOTAL
	ROW PCT	C.20	0.24	C.28	0.32	0.37	0.43	0.43	0.43	0.43	
COL PCT	TOT PCT	0.201	0.241	0.281	0.321	0.371	0.431	0.431	0.431	0.431	
LU	1.	0	1	2	1	4	3	13			
CROPLAND	1.	1.6	4.7	24.2	10.2	33.6	25.8	88.9			
	100.0	100.0	93.5	86.7	89.6	82.5	82.5				
	1.4	4.2	21.5	9.0	29.9	22.9	22.9				
4.	0	0	0	0	0	0	0	1			
FOREST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5			
6.	0	0	0	0	0	0	0	0			
OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0			
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4			
COLUMN TOTAL	0	1	4.2	22.5	10.4	33.3	27.8	100.0			

10

77

CDE LUIS CROSSTABS UPDATE

FILE MFI CREATION DATE = 11/10/78) BUFFALO DIST. CDE LAKE ERIE LRIS

PERM PERMEABILITY LOW VALUE IN HORIZ. IN P HR BY SLOPE DON URBAN SLOPE VALUE

CONTROLLING FOR..

BASIN SAMPLING STATION BASIN

27. M.C. TRIB 3 SCOT

PAGE 1 OF 1

		SLOPE										COUNT	
		0.2	0.5	1.0	3-5	9-11	TOTAL						
PERM	REL TO	0.2	0.5	1.0	3-5	9-11	TOTAL						
2.	0.0	0	0	1	1	0	1						
0.0	0.0	0	0	53.3	46.7	0.0	48.4						
0.0	0.0	0	0	80.0	63.6	0.0	0.0						
0.0	0.0	0	0	25.6	22.6	0.0	0.0						
4.	0	1	0	0	0	0	0						
37.5	12.5	12.5	12.5	25.0	12.5	0	51.6						
100.0	100.0	20.0	36.4	100.0	1	0	1						
19.4	6.5	6.5	12.9	6.5	0	0	0						
COLUMN		1	0	1	1	0	3						
TOTAL		19.4	6.5	32.3	35.5	6.5	100.0						

COOCCURENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., CCE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CROSS TABULATION OF SLOPE DON UREIN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 27. H-C. TRIB 2 SCOT PAGE 1 OF 1

		SLOPE						
LU	COUNT	SLOPE					ROW TOTAL	ROW PCT
		LESS THAN 0.2	0.2	0.5	1.0	3-5		
		COL PCT	TOT PCT	COL PCT	TOT PCT	COL PCT	TOT PCT	COL PCT
CROPLAND	1.	17.2	0	0	0	0	0	0
	2.	83.3	100.0	90.0	100.0	100.0	100.0	100.0
	3.	16.1	6.5	29.0	35.5	35.5	6.5	6.5
FOREST	4.	50.0	0	0	0	0	0	0
	5.	16.7	0	0	0	0	0	0
	6.	3.2	0	0	0	0	0	0
COLUMN TOTAL		19.4	1	6.5	32.3	35.5	6.5	100.0

GHI SQUARE = 0.22805 WITH 4 DEGREES OF FREEDOM SIGNIFICANCE = 0.9940

CRAPER'S V = 0.27123

COCCURRENCE TABLES

FILE #01 CREATION DATE = 11/07/18) BUFFALO DIST-CDE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N O F I N T R I N S I C E R O C A B I L I T Y

SLOPE DOWN UREAN SLOPE VALUE

..... VALUE = 27. M.C. TRIP @ SCUT PAGE 1 OF 1

CONTROLLING FOR...

SAMPLING STATION BASIN

RFAC

	CUMUL	0.24	0.28	0.32	0.37	0.43	ROW
	RUM PCT	COL PCT					TOTAL
SLOPE	TOT PCT	0.24	0.28	0.32	0.37	0.43	
LESS THAN 0.2	0.2	0	0	0	0	0	1
		83.3	16.7	0.0	0.0	0.0	19.4
		100.0	100.0	0.0	0.0	0.0	
		16.1	3.2	0.0	0.0	0.0	
0.5	0.5	0	0	0	0	0	0
		0.0	0.0	100.0	0.0	0.0	6.5
		0.0	0.0	100.0	0.0	0.0	
		0.0	0.0	6.5	0.0	0.0	
1.0	1.0	0	0	0	0	1	1
		0.0	0.0	0.0	30.0	70.0	32.3
		0.0	0.0	0.0	33.3	50.0	
		0.0	0.0	0.0	9.7	22.6	
3-5	4.0	0	0	0	0	1	1
		0.0	0.0	0.0	36.4	63.6	35.5
		0.0	0.0	0.0	44.4	50.0	
		0.0	0.0	0.0	12.9	22.6	
9-11	10.0	0	0	0	0	0	0
		0.0	0.0	0.0	100.0	0.0	6.5
		0.0	0.0	0.0	22.2	0.0	
		0.0	0.0	0.0	6.5	0.0	
COLUMN	0	0	0	0	1	1	3
TOTAL	16.1	3.2	6.5	29.0	45.2	100.0	

COOCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON CROSSL TABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 27. M-C, MIB @ SCOT PAGE 1 OF 1

TEXT	COUNT		LU		ROW	
	COL PCT	TOT PCT	CROPLAND	FOREST	TOTAL	TOTAL
SILTY CLAYLOAM	2.1	1.1	1	0	1	25.8
	87.5	24.1	12.5	50.0	74.2	
	22.6	3.2				
SILTY LOAM	3.2	2	2	0	2	74.2
	95.7	75.9	4.3	50.0	74.2	
	71.0	3.2				
COLUMN	1	3	3	0	3	100.0
TOTAL	93.5	6.5				

FISHER'S EXACT TEST = 1.00000
PHI = 0.14520

COE LPI5 CROSSTABS UPDATE

FILE MFI (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS
 PERM PERMEABILITY, LOW VALUE IN MCR12., IN P HR BY LU MAJOR LAND USE CATEGORIES
 CONTACTING FOR..
 BASIN SAMPLING STATION BASIN VALUE = 27. M.C. TRIB 3 SCGT
 PAGE 1 OF 1

		COUNT		LU			
		ROW	PCT	CROPLAND	FOREST	RCM	TOTAL
		CUL	PCT				
		TOT	PCT	1.1	4.1		
PERM		2.0		1	0	1	
BELO .01 TO 0.09		93.3	6.7	48.3	50.0	48.4	
		45.2	3.2				
BELO .20 TO 0.59		93.8	6.3	51.7	50.0	51.6	
		48.4	3.2				
COLUMN		3	0	93.5	6.5	100.0	
TOTAL							

COOCCURRENCE TABLES

FILE	MFI	CREATION DATE = 11/07/78		BUFFALO LIST - CUL LAKE EMIP LRIS	
***** C P C S T A B U L A T I O N C F *****					
CAP		LAND CAPABILITY CLASS WITH LIMITS		MAJOR LAND USE CATEGORIES	
CONTROLLING FOR		BY LU		VALUE = 21. H.C. TRIB @ SCUT	
BASIN		SAMPLING STATION BASIN		***** PAGE 1 OF 1	

LU					
COUNT					
ROW PCT		CULPCLAND FOREST		ROW TOTAL	
CUL PCT		TOT PCT		TOT PCT	
LAP		1.1		4.1	
3.		1		0	
2E		100.0		0.0	
		37.9		0.0	
		35.5		0.0	
4.		1		0	
2M		90.0		10.0	
		31.0		50.0	
		29.0		3.2	
6.		0		0	
3E		100.0		0.0	
		6.9		0.0	
		6.5		0.0	
7.		0		0	
3M		100.0		0.0	
		6.9		0.0	
		6.5		0.0	
13.		0		0	
5M		83.3		16.7	
		17.2		50.0	
		16.1		3.2	
CUL PCT		3		0	
TOTAL		93.5		6.5	
				100.0	
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COCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/781 BUFFALO DIST., COE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N U F DRAINAGE CHARACTERISTICS CODE

LU MAJOR LAND USE CATEGORIES VALUE = 27. H.C. TRIB # SCOT PAGE 1 OF 1

CONTROLLING FUR..
BASIN SAMPLING STATION HASIN

ERCU

LU	COUNT		RUM PCT		EVERYPOOR POORLY		SCHEFLER MOD. WELL		RUM	
	CUL PCT	ICRAINED	CUL PCT	ICRAINED	POORLY	DRAINED	SCHEFLER MOD. WELL	DRAINED	TOTAL	TOTAL
1.	1.1	1.1	1.1	1.1	0	2.1	3.1	4.1	3	93.5
CROPLAND	24.1	6.9	51.7	17.2	100.0	100.0	100.0	100.0	100.0	100.0
	87.5	100.0	93.8	48.4	16.1	16.1	16.1	16.1	16.1	16.1
	22.6	6.5	48.4	16.1	16.1	16.1	16.1	16.1	16.1	16.1
4.	0	0	0	0	0	0	0	0	0	0
FOREST	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
	12.5	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.2	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	1	0	2	0	0	0	0	0	0	3
	25.8	6.5	51.6	16.1	100.0	100.0	100.0	100.0	100.0	100.0

AD-A096 303

RESOURCE MANAGEMENT ASSOCIATES WEST CHESTER PA
LAND RESOURCES INFORMATION FOR THE LAKE ERIE DRAINAGE BASIN. CO--ETC(U)
MAR 79

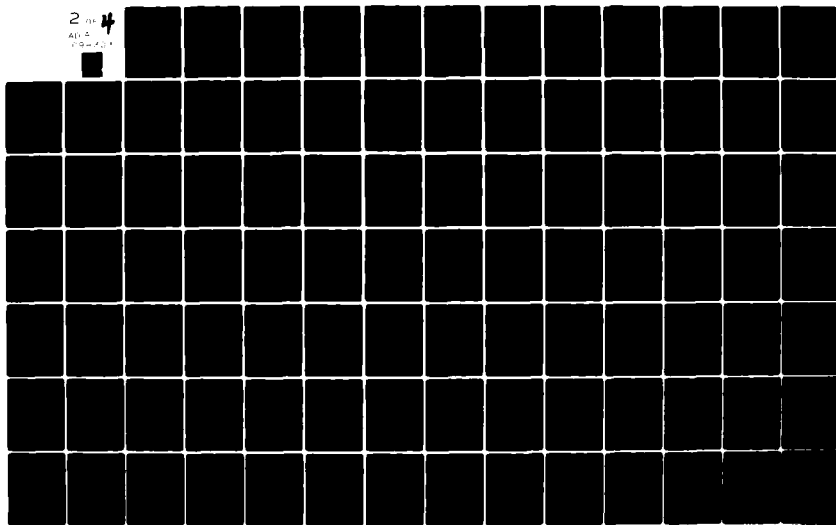
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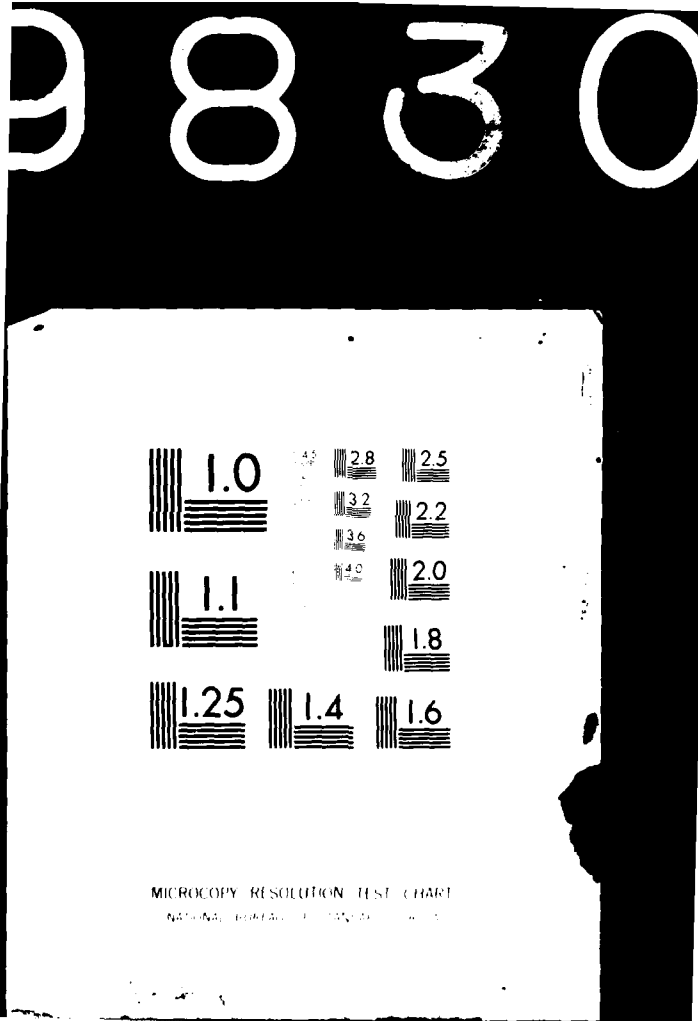
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2 of 4
AD-A
109-701





COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., QUE LANE HWY LRIS

MAJOR LAND USE CATEGORIES C R G S T A B U L A T I U N L F INTRINSIC ERODIBILITY

CONTROLLING FOR... LU BASIN SAMPLING STATION BASIN VALUE = 27. M.C. TR18 8 SCOT

PAGE 1 OF 1

MFAC

	COUNT	ROM PCT	C.24	0.28	C.32	0.37	0.43	ROM TOTAL
LU	ROM PCT	LU PCT	TOT PCT	0.241	0.281	C.321	0.371	0.431
CRUPLAND	1.0	0	0	0	0	0	0	0
	13.8	3.4	6.5	31.0	46.8	93.5		
	80.0	100.0	100.0	100.0	92.9			
	12.9	3.2	6.5	29.0	41.9			
FOREST	4.1	0	0	0	0	0	0	0
	50.0	0.0	0.0	0.0	50.0	6.5		
	20.0	0.0	0.0	0.0	0.0	7.1		
	3.2	0.0	0.0	0.0	0.0	3.2		
COLUMN TOTAL	16.1	3.2	6.5	29.0	45.2	100.0		

COOCCURRENCE TABLES

FILE NPI... ICREATION DATE = 11/07/78) BUFFALO DIST., CUL LAKE ERIE LBIS

TEXT TEXTURE OF SURFACE HORIZON C R L S T A B U L A T I O N U F DUN URBAN SLOPE VALUE

CONTELLING FOR... BASIN SAMPLING STATION BASIN VALUE " 17. MONEY CR 3 HELIS

..... PAGE 1 UF 1

TEXT	SLOPE											ROW TOTAL
	COUNT	FROM PCT	LESS THAN	0.5	1.0	2.0	3-5	4-8	9-11	10-01		
	COL PCT	0.2	0.21	0.51	1.01	2.01	4.01	7.01	10.01			
	TOT PCT	4	2	11.3	1.4	0.0	0.0	0.0	0.0	0.0	7	
SILTCLAYLOAM	54.9	32.4	11.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	27.8	
	88.6	76.7	9.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0		
	15.3	9.0	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0		
LOAM	3.1	0	0	0	0	0	0	0	0	0	0	
	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SILTY LOAM	3.2	0	1	7	1	1	7	0	0	0	18	
	2.8	3.3	41.7	7.2	36.3	100.0	100.0	100.0	100.0	100.0	70.6	
	11.4	20.0	87.2	92.9	100.0	100.0	100.0	100.0	100.0	100.0		
	2.0	2.4	29.4	5.1	27.1	27.1	27.1	27.1	27.1	27.1	4.3	
FM SANDYLOAM	4.2	0	0	0	0	0	0	0	0	0	0	
	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
MUCK	6.1	0	0	0	0	0	0	0	0	0	0	
	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	
	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	0.0	0.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
COLUMN TOTAL	17.3	11.8	33.7	5.5	27.1	27.1	27.1	27.1	27.1	27.1	25	
											100.0	

CDE LUIS CROSSTABS UPDATE

FILE #P1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HCBZ, IMPER BY SLOPE DON URBAN SLOPE VALUE

CONTROLLING FOR... VALUE = 17. MONEY CR 8 WEIS

BASIN SAMPLING STATION BASIN

SLOPE

COUNT ROW PCT COL PCT TOT PCT	LESS THAN										ROW TOTAL
	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10.01			
PERM											
2.	0	0	7	1	4	0	0	0	13		
BELO .01 TO 0.09	1.6	0.0	56.2	10.9	31.3	0.0	0.0	0.0	50.2		
	4.5	0.0	83.7	100.0	58.0	0.0	0.0	0.0			
	0.8	0.0	28.2	5.5	15.7	0.0	0.0	0.0			
4.	4	2	1	0	3	0	0	1	11		
BELO .20 TO 0.59	33.6	20.4	9.1	0.0	25.7	0.0	9.7	44.3			
	86.4	76.7	12.8	0.0	42.0	100.0	100.0				
	14.9	9.0	4.3	0.0	11.4	0.4	4.3				
5.	0	1	0	0	0	0	0	0	1		
BELO .60 TO 1.9	28.6	50.0	21.4	0.0	0.0	0.0	0.0	5.5			
	9.1	23.3	3.3	0.0	0.0	0.0	0.0				
	1.6	2.7	1.2	0.0	0.0	0.0	0.0				
COLUMN TOTAL	4	3	9	1	7	0	1	29	100.0		
	17.3	11.8	33.7	5.5	27.1	0.4	4.3				

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST., CCE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CROSS TABULATION OF LU BY SLOPE CON URBAN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 17. MONEY CR & WEIS PAGE 1 OF 1

		SLOPE										ROW TOTAL
		0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
LU	ROW PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
1. URBAN	COL PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
	TOT PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
		18.3	11.5	32.2	5.3	27.3	6	0	4.8	1	23	89.0
4. FOREST	COL PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
	TOT PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
		95.5	86.7	84.9	85.7	89.9	100.0	100.0	100.0	100.0	100.0	4.3
6. OTHER	COL PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
	TOT PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
		16.5	10.2	28.6	4.7	24.3	0.4	0	0	0	2	7.5
C. TOTAL	COL PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
	TOT PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
		11.1	11.1	33.3	11.1	33.3	0	0	0	0	1	3.5
C. TOTAL	COL PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
	TOT PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-11	12-15	16-20	
		17.3	11.8	33.7	5.5	27.1	7	0	4.3	1	25	100.0

CHI SQUARE = 0.08546 WITH 12 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRITERION V = 0.11993

COCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST. CUE LAKE ERIE LRIS

***** C R U S T A B I L I T Y O F I N T R I N S I C E R O D A B I L I T Y *****

SLOPE DUNE UREAN SLOPE VALUE

CENTRELLING FUR...

BASIN SAMPLING STATION BASIN

VALUE = 17. MONEY CR 2 WEIS

***** P A G E 1 O F 1 *****

PFAC												
COUNT		C.10	0.20	C.24	0.28	0.32	0.37	0.43	RDM			
RUN PCT									TOTAL			
CUL PCT		0.101	0.201	0.241	0.281	0.321	0.371	0.431				
TOT PCT												
SLOPE												
LESS THAN 0.2		0.2	0	0	1	3	0	0	0	4		
			0.0	0.0	19.0	81.0	0.0	0.0	0.0	16.6		
			0.0	0.0	72.7	69.4	0.0	0.0	0.0			
			0.0	0.0	3.2	13.4	0.0	0.0	0.0			
0.5		0.5	0	0	0	1	1	0	0	3		
			3.3	0.0	10.0	30.0	46.7	10.0	0.0	11.9		
			100.0	0.0	27.3	18.4	77.8	3.7	0.0			
			0.4	0.0	1.2	3.6	5.5	1.2	0.0			
1.0		1.0	0	0	0	1	0	3	4	9		
			0.0	2.3	0.0	7.0	3.5	37.2	50.0	34.0		
			0.0	100.0	0.0	12.2	16.7	39.5	47.3			
			0.0	0.8	0.0	2.4	1.2	12.6	17.0			
2.0		2.0	0	0	0	0	0	0	1	1		
			0.0	0.0	0.0	0.0	7.1	0.0	92.9	5.5		
			0.0	0.0	0.0	0.0	5.6	0.0	14.3			
			0.0	0.0	0.0	0.0	0.4	0.0	5.1			
3-5		4.0	0	0	0	0	0	3	3	7		
			0.0	0.0	0.0	0.0	0.0	49.3	50.7	27.3		
			0.0	0.0	0.0	0.0	0.0	42.0	38.5			
			0.0	0.0	0.0	0.0	0.0	13.4	13.8			
6-8		7.0	0	0	0	0	0	0	0	0		
			0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.4		
			0.0	0.0	0.0	0.0	0.0	1.2	0.0			
			0.0	0.0	0.0	0.0	0.0	0.4	0.0			
9-11		10.0	0	0	0	0	0	1	0	1		
			0.0	0.0	0.0	0.0	0.0	100.0	0.0	4.3		
			0.0	0.0	0.0	0.0	0.0	13.6	0.0			
			0.0	0.0	0.0	0.0	0.0	4.3	0.0			
COLUMN TOTAL			0	0	1	3	2	8	9	25		
			0.4	0.8	4.3	19.4	7.1	32.0	36.0	100.0		

COOCCURRENCE TABLES

FILE #F1 ICREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS
 C R O S S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES
 TEXTURE OF SURFACE HORIZON
 CONTROLLING FOR.....
 BASIN SAMPLING STATION BASIN VALUE = 17. MCMEY CR 2 WEIS
 PAGE 1 OF 1

TEXTURE	LU				ROM TOTAL
	COUNT	ROM PCT	ICROPLAND	FOREST	OTHER
TEXTURE	COL PCT	TOT PCT	1.1	4.1	6.1
SILTY CLAY LOAM	2.1	7	0	0	0
		93.0	1.2	2.8	27.8
		29.1	15.8	22.2	
LOAM	3.1	0	0	0	0
		100.0	0.0	0.0	0.4
		0.4	0.0	0.0	
SILTY LOAM	3.2	16	2	1	18
		87.2	8.9	3.9	70.6
		69.2	84.2	77.8	
FM SANDY LOAM	4.2	0	0	0	0
		100.0	0.0	0.0	0.8
		0.9	0.0	0.0	
MUCK	6.1	0	0	0	0
		100.0	0.0	0.0	0.4
		0.4	0.0	0.0	
COLUMN TOTAL	23	2	1	25	
	89.0	7.5	3.5	100.0	

CHI SQUARE = 0.29414 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
 CRAMER'S V = 0.06776

CCE LUIS CROSSTABS UPDATE

FILE MF1 CREATION DATE = 11/10/78) BUFFALO DIST., CUE LAKE ERIE LRIS

PERM PERMEABILITY, LU VALUE IN HORIZ. IN P HR CROSSTABULATION U F MAJOR LAND USE CATEGORIES

CONTRASTING FOR..

PASSIN SAMPLING STATION BASIN VALUE = 17. HONEY CR & WELS PAGE 1 OF 1

		COUNT		LU			
PERM	BELO .01 TO 0.09	ROW PCT	CROPLAND	FOREST	OTHER	ROW	TOTAL
		COL PCT	TOI PCT	1.1	4.1	6.1	
		2.1	11	10.2	1	1	13
		85.2	48.0	68.4	66.7		50.2
		42.7	2.4				
		4.1	10	0	0	0	11
		92.9	26.3	2.1	33.3		44.3
		46.3	2.0	1.2			
		61.2					
		5.1	1	0	0	0	1
		92.9	7.1	0.0	0.0		5.5
		5.7	5.3	0.0			
		5.1	0.4	0.0			
COLUMN		23	7.5	3.5	1	25	
TOTAL		89.0				100.0	

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIC CRIS

LAND CAPABILITY CLASSIFICATION BY LU MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 17. HONEY CR 3 WEIS PAGE 1 OF 1

CAP	COUNT					LU					ADM TOTAL
	ROW PCT	CROPLAND	FOREST	OTHER	TOTAL	1.1	4.1	6.1	0	0.4	
2S	2.	170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2E	3.	82.5	6.1	4.2	23.9	0.0	0.0	0.0	0.0	0.0	0.0
		26.0	21.1	33.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
		23.1	1.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2M	4.	83.6	11.8	4.2	43.1	0.0	0.0	0.0	0.0	0.0	0.0
		40.5	68.5	52.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0
		36.1	5.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3E	6.	100.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
		4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3M	7.	95.7	4.3	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
		9.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		8.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5M	13.	95.3	2.3	2.2	16.9	0.0	0.0	0.0	0.0	0.0	0.0
		18.1	5.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		16.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6M	16.	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	23	89.0	7.5	3.5	100.0	0.0	0.0	0.0	0.0	0.0	0.0

CHI SQUARE = 0.8721 WITH 12 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.12505

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/27/78) BUFFALO DIST., LUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R L S S T A B U L A I U N U F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FOR... 17. PCNEY CR 2 WEIS VALUE = PAGE 1 OF 1

ERCU

LU	COUNT		VERYPOOR		POORLY		SCHEFFER MOD. WELL		WELL		RUM	
	ROW PCT	COL PCT	ICHAINED	DRAINED	ICHAINED	DRAINED	ICHAINED	DRAINED	ICHAINED	DRAINED	TOTAL	TOTAL
CROPLAND	1.	5	4	4	10	4	4	0	0	0	23	82.0
	21.6	15.9	44.5	16.3	92.5	100.0	1.3	100.0	1.2	100.0	5.1	100.0
	94.2	16.1	40.0	14.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
FOREST	4.	0	0	1	0	0	0	0	0	0	2	7.5
	10.5	10.5	68.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
	3.8	5.1	10.7	5.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
OTHER	6.	0	0	1	0	0	0	0	0	0	1	3.5
	11.1	11.1	66.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
	1.9	2.6	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL		5	4	12	4	15.7	15.7	1.2	1.2	0	25	100.0
TOTAL		20.4	15.3	47.5	47.5	15.7	15.7	1.2	1.2	0	25	100.0

COCCURRENCE TABLES

FILE MP1 (CREATION DATE = 11/27/79) BUFFALO LIST-DOE LAKE ERIE LPIIS

LU MAJOR LAND USE CATEGORIES C R U S T A B U L A T I O N L F INTRINSIC ENDURABILITY

CONTROLLING FUR. BASIN SAMPLING STATION BASIN

VALUE = 17. MCNEY CP 2 MEIS

PAGE 1 OF 1

		JFAC											ROW	
COUNT		0.10	0.20	0.24	0.28	0.32	0.37	0.43					TOTAL	
ROW PCT	COL PCT	0.101	0.201	0.241	0.281	0.321	0.371	0.431						
TOT PCT														
LU	1.	0	0	1	5	2	7	8					22	
		0.4	0.9	4.5	20.4	7.1	32.4	33.8					88.9	
		100.0	100.0	100.0	93.9	88.9	90.1	83.5						
		0.4	0.8	4.3	18.2	6.3	28.9	30.0						
		0	0	0	0	0	1	1					2	
		0.0	0.0	0.0	10.2	5.3	31.6	32.6					7.5	
		0.0	0.0	0.0	4.1	5.6	7.4	11.0						
		0.0	0.0	0.0	0.8	0.4	2.4	4.0						
6.		0	0	0	0	0	0	0					1	
		0.0	0.0	0.0	11.1	11.1	22.2	55.6					3.6	
		0.0	0.0	0.0	2.0	5.6	2.5	5.5						
		0.0	0.0	0.0	0.4	0.4	0.8	2.0						
COLUMN	TOTAL	0	0	1	5	2	8	9					25	
		0.4	0.8	4.3	19.4	7.1	32.0	36.0					100.0	

COCCURRENCE TABLES

FILE #F1 CREATION DATE = 11/07/78) BUFFALO DIST. CODE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON C K U S T A B U L A T I O N C F D U N U R E A N S L O P E V A L U E

CONTRAILING FOR... BY SLOPE

BSIN SAMPLING STATION HASIN VALUE = 18. MONEY CR MARSH

PAGE 1 OF 1

SLOPE

TEXT	COUNT											ROM TOTAL
	0.2	0.5	1.0	2.0	3-5	4-8	7-11	10-11	10-11	10-11	10-11	
SILTCLAYLOAM	2.1	2	0	1	0	0	0	0	0	0	0	3
	53.1	9.4	37.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
	89.5	8.3	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILTY LOAM	3.2	0	0	2	2	1	0	0	0	0	0	6
	1.5	4.6	32.3	30.8	20.0	7.7	3.1	3.1	3.1	3.1	3.1	50.8
	5.3	8.3	63.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PUCK	6.1	0	3	0	0	0	0	0	0	0	0	3
	3.2	96.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2
	2.2	82.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN	2	4	2	2	2	1	0	0	0	0	0	13
	14.8	28.1	25.6	15.6	10.2	3.9	1.6	1.6	1.6	1.6	1.6	100.0
	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL

COE LRIS CRUSSTABS UPDATE

FILE MFI CREATION DATE = 11/10/781 BUFFALO LIST..COE LAKE ERIE LRIS

PERM PERMEABILITY..LOW VALUE IN HORIZ..IN P HR BY SLOPE OUR URBAN SLOPE VALUE

CONTROLLING FOR.. BASIN SAMPLING STATION BASIN VALUE = 18. MONEY CR MARSH

PAGE 1 OF 1

SLOPE										
COUNT	0.5	1.0	2.0	3-5	6-8	9-11	10-11	10-11	10-11	10-11
ROM PCT	0.5	1.0	2.0	3-5	6-8	9-11	10-11	10-11	10-11	10-11
CUL PCT	0.5	1.0	2.0	3-5	6-8	9-11	10-11	10-11	10-11	10-11
TOT PCT	0.5	1.0	2.0	3-5	6-8	9-11	10-11	10-11	10-11	10-11
PERM	0.21	0.51	1.01	2.01	4.01	7.01	10.01	10.01	10.01	10.01
BELC .01 TO 0.09	1.8	0.0	45.5	36.4	16.4	0.0	0.0	0.0	0.0	44.0
BELC .20 TO 0.59	5.6	0.0	75.8	100.0	69.2	0.0	0.0	0.0	0.0	44.0
BELC .60 TO 1.9	0.8	0.0	20.0	16.0	7.2	0.0	0.0	0.0	0.0	44.0
COLUMN TOTAL	2	3	26.4	16.0	10.4	4.0	1.6	1.6	1.6	100.0

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/70) BUFFALO DIST., COE LAKE ERIE CRIS

LU MAJOR LAND USE CATEGORIES CROSSTABULATION OF DON URBAN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 19. MCNEY CR MARSH

PAGE 1 OF 1

LU	SLOPE											ROW TOTAL
	COUNT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-01	10-01	10-01	
CROPLAND	ROW PCT	15.5	28.9	3	2	2	1	0	0	0	0	10
	COL PCT	41.7	84.8	85.0	100.0	100.0	80.0	100.0	100.0	100.0	100.0	75.8
FOREST	ROW PCT	14.1	11.7	21.9	13.3	10.2	3.1	1.6	0	0	0	1
	COL PCT	0	0	0	0	0	0	0	0	0	0	5.5
OTHER	ROW PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
	COL PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8
COLUMN TOTAL	COUNT	2	4	3	2	2	1	0	0	0	0	13
	ROW TOTAL	14.8	28.1	25.8	15.6	10.2	3.9	1.6	0	0	0	100.0

CHI SQUARE = 5.6697 WITH 12 DEGREES OF FREEDOM SIGNIFICANCE = 0.9318

CRAMER'S V = 0.47050

CCCCCURENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

SLOPE DOWN URBAN SLOPE VALUE C R C S T A B U L A T I O N O F I N T R I N S I C E R O D A B I L I T Y

CONTROLLING FOR... BASIN SAMPLING STATION BASIN BY KFAC VALUE - 18. MONET CAR MARSH

..... PAGE 1 OF 1

KFAC

COUNT	KFAC										TOTAL
	0.10	0.24	0.28	0.32	0.37	0.43	0.431	0.431	0.431	0.431	
RUN PCT	10.0	0.24	0.28	0.32	0.37	0.43	0.431	0.431	0.431	0.431	
CUL PCT	10.0	0.24	0.28	0.32	0.37	0.43	0.431	0.431	0.431	0.431	
TOT PCT	0.2	0	0	0	0	0	0	0	0	0	2
LESS THAN 0.2	5.6	27.8	66.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2
	3.2	62.5	66.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.8	3.9	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.5	3	0	0	0	0	0	0	0	0	0	4
	83.3	8.3	2.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	28.3
	96.8	37.5	5.6	22.2	0.0	0.0	0.0	0.0	0.0	0.0	
1.0	23.6	2.4	0.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	
	0	0	0	0	0	0	0	0	0	0	
	0.0	0.0	15.2	21.2	27.3	36.4	30.0	30.0	30.0	30.0	3
2.0	0.0	0.0	21.6	72.8	42.9	30.0	30.0	30.0	30.0	30.0	26.0
	0.0	0.0	3.5	5.5	7.1	9.4	9.4	9.4	9.4	9.4	
	0	0	0	0	0	0	0	0	0	0	
3-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6-8	0	0	0	0	0	0	0	0	0	0	1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	3	1	2	1	2	4	13	13	13	13	100.0
	25.4	6.3	15.2	7.1	16.5	31.5	100.0	100.0	100.0	100.0	
	0	0	0	0	0	0	0	0	0	0	

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERTE LRIS

TEXTURE OF SURFACE HORIZON C P O S S I B I L I T I E S O F MAJOR LAND USE CATEGORIES

CONTROLLING FORM. BASIN SAMPLING STATION BASIN VALUE = 18. HONEY CR MARSH

PAGE 1 OF 1

	LU				ROM TOTAL
	COUNT	CROPLAND	FOREST	OTHER	
	ROM PCT	COL PCT	TOT PCT		
FEET	2.1	1.1	4.1	6.1	3
SILTCLAYLOAM	87.5	6.3	6.3	0	25.0
	28.9	28.6	6.3		
	21.9	1.6	1.6		
SILTY LOAM	3.2	6	0	0	6
	90.8	7.7	1.5		50.8
	60.8	71.4	4.2		
	46.1	3.9	0.8		
MUCK	6.1	1	0	2	3
	32.3	0.0	67.7		24.2
	10.3	0.0	87.5		
	7.8	0.0	16.4		
COLUMN TOTAL	10	1	2	13	100.0
	79.8	5.5	18.8		

CHI SQUARE = 6.51939 WITH 4 DEGREES OF FREEDOM SIGNIFICANCE = 0.1636

Cramer's V = 0.50486

COE LRIS CROSSTABS UPDATE

FILE MF1 CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN MCRIZ., IN P HR BY LU CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CONTRAILLING FOR... EASTIN SAMPLING STATION BASIN VALUE = 18. MUNEY CR MARSH

PAGE 1 OF 1

AU					
COUNT	CROPLAND	FOREST	CITR	ROW	
ROW PCT				TOTAL	
COL PCT					
TOT PCT	1.1	4.1	6.1		
2.	5	0	0	5	
TO 0.09	89.1	7.3	3.4	44.0	
	52.1	57.1	8.3		
	39.2	3.2	1.6		
4.	3	0	C	4	
TO 0.59	89.7	7.7	2.6	31.2	
	37.2	42.9	4.2		
	28.0	2.4	0.8		
5.	1	0	2	3	
TO 1.9	32.3	0.0	67.1	24.8	
	18.6	0.0	87.5		
	8.0	0.0	16.6		
COLUMN	9	1	2	12	
TOTAL	75.2	5.6	19.2	100.0	

CCCCCURENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST. CUP LAKE ERIE LMS

..... C.H.L.S.S.T.A.B.U.L.A.T.I.O.N. U.F. MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 10. MONEY CR MARSH

PAGE 1 OF 1

CAP	LU									
	COUNT	CROPLAND	FOREST	OTHER	TOTAL					
	ROW PCT	CUL PCT	1.1	4.1	6.1					
	TOT PCT									
2E	3.	96.1	5.9	0.0	0.0	2				13.3
		16.5	14.3	0.0	0.0					
		12.5	0.9	0.0	0.0					
2N	4.	85.4	11.1	4.4	0.0	4				35.2
		39.2	71.4	8.3	0.0					
		29.7	3.9	1.4	0.0					
3E	6.	100.0	0.0	0.0	0.0	0				1.6
		2.1	0.0	0.0	0.0					
		1.6	0.0	0.0	0.0					
3N	7.	93.3	0.0	0.0	0.0	1				11.7
		14.4	0.0	4.2	0.0					
		10.9	0.0	0.0	0.0					
5N	13.	95.2	4.8	0.0	0.0	2				16.4
		20.6	14.3	0.0	0.0					
		15.4	0.8	0.0	0.0					
6N	16.	25.0	0.0	75.0	0.0	3				21.9
		7.2	0.0	87.5	0.0					
		5.5	0.0	16.4	0.0					
COLUMN TOTAL	10	75.8	5.5	18.8	0.0	13				

CHI SQUARE = 7.84762 WITH 10 DEGREES OF FREEDOM SIGNIFICANCE = 0.6437

CRAMER'S V = 0.55367

COCCURRENCE TABLES

FILE #1 CREATION DATE = 11/07/70) BUFFALO DIST. CUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CPCS SUBSTANTIATION OF DRAINAGE CHARACTERISTICS CODE

CANCELLING FOR.

BASIN SAMPLING STATION BASIN

12. MONEY CR MARSH

VALUE = PAGE 1 OF 1

PCT

LU	COUNT		EVERYPOOR		POORLY		SCHEPCLER MOD. WELL		FROM	
	COL PCT	ICRAINED	ICRAINED	DRAINED	DRAINED	DRAINED	DRAINED	DRAINED	TOTAL	TOTAL
1.	33.0	14.4	43.3	9.3	1	10	10	10	10	10
2.	56.1	100.0	89.4	90.0	1	1	1	1	1	1
3.	25.0	10.9	32.8	7.0	1	1	1	1	1	1
4.	0	0	0	0	0	0	0	0	0	0
5.	28.6	0.0	57.1	14.3	1	1	1	1	1	1
6.	3.5	0.0	8.5	10.0	1	1	1	1	1	1
7.	1.6	0.0	3.1	0.8	1	1	1	1	1	1
8.	95.8	0.0	4.2	0.0	1	1	1	1	1	1
9.	40.4	0.0	2.1	0.0	1	1	1	1	1	1
10.	16.0	0.0	6.8	0.0	1	1	1	1	1	1
COLUMN TOTAL	44.5	10.9	36.1	7.8	1	1	1	1	1	1
TOTAL	44.5	10.9	36.1	7.8	1	1	1	1	1	1

COCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST. LAKE ERIE LMS

LU MAJOR LAND USE CATEGORIES CRUSSTABULATION OF INTRINSIC FEASIBILITY

CONTROLLING FOR: BASIN SAMPLING STATION BASIN VALUE = 18. MONEY CR MARSH PAGE 1 OF 1

HFAC												
COUNT	1	2	3	4	5	6	7	8	9	10	RUN TOTAL	
ROW PCT	10.10	0.24	0.28	0.32	0.37	0.43						
CUL PCT												
TOT PCT	0.101	0.241	0.281	0.321	0.371	0.431						
LU	1.	1	2	1	2	3						10
CREPLAND	10.4	7.3	16.7	8.3	23.6	36.5						75.6
	32.3	87.5	88.9	88.9	95.2	87.5						
	7.9	5.5	12.6	6.3	15.7	27.6						
FOREST	0	0	0	0	0	0						1
	0.0	14.3	14.2	0.0	14.3	57.1						5.5
	0.0	12.5	5.6	0.0	4.8	10.0						
CIPER	0.0	0.8	0.6	0.0	0.8	3.1						
	2	0	0	0	0	0						2
	87.5	0.0	4.2	4.2	0.0	4.2						18.9
COLUMN TOTAL	67.7	0.0	5.6	11.1	0.0	2.5						
	16.5	0.0	0.8	0.8	0.0	0.8						
	24.4	6.3	14.2	7.1	16.5	31.5						100.0

FILE #1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ENIE LAIS

FILE #01 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ENITE LAIS

TEXT	TEXTURE OF SURFACE	HUMIDITY	BY	SLOPE	DOA	URBAN	SLOPE	VALUE
CONTROLLING FUR.								

[illegible]104

COE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

CROSS TABULATION OF DON URBAN SLOPE VALUE

PERM PERMEABILITY, LOW VALUE IN HORIZ. IN BY SLOPE

CONTROLLING FUR. VALUE = 26. H.C. TRID BR KM

BASIN SAMPLING STATION BASIN PAGE 1 OF 1

SLOPE											
	COUNT RUM PCT COL PCT TCT PCT	SLOPE									ROW TOTAL
		LESS THAN 0.2	0.21	0.5	1.0	2.0	3-5	6-8	9-11	10-01	
PERM	2.	0	0	0	1C	1	4	0	0	0	15
BELC .01 TO 0.09	2.6	0.0	0.0	0.0	0.0	3.9	26.3	0.0	0.0	0.0	79.6
	25.0	0.0	0.0	95.3	100.0	100.0	18.4	0.0	0.0	0.0	0.0
	2.1	0.0	0.0	53.4	3.1	20.9	0.0	0.0	0.0	0.0	0.0
BELC .20 TO 0.59	4.	1	0	0	C	0	1	0	0	0	3
	36.5	12.1	12.1	12.1	0.0	0.0	33.3	3.0	3.0	0.0	17.3
	75.0	44.4	3.7	3.7	0.0	0.0	21.6	100.0	100.0	0.0	0.5
BELC .60 TO 1.9	5.	0	0	0	C	0	0	0	0	0	1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
	0.0	56.6	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	2	8.4	4.7	11	56.6	3.1	26.7	0.5	0.5	0	19
											100.0

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ENTE LRIS

CONTROLLING FIRM. CPOSS T A B U L A T I O N O F D O N U R B A N S L O P E V A L U E

MAJOR LAND USE CATEGORIES BY SLOPE VALUE = 26. M.C. TRIS OR KN PAGE 1 OF 1

LU	COUNT	SLOPE											ROW TOTAL
		0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-01	7.01	10.01		
1.	ROW PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-01	7.01	10.01		
	TOT PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10-01	7.01	10.01		
CROPLAND	1.	1	1	9	3.1	27.6	0.6	0	0	0	0	16	85.3
		87.5	88.9	54.6	83.2	88.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PASTURE	3.	0	0	0	0	0	0	0	0	0	0	0	0
		0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FOREST	4.	0	0	1	0	0	0	0	0	0	0	2	8.9
		5.9	0.0	64.7	5.9	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WATER	5.	0	0	0	0	0	0	0	0	0	0	0	0
		6.3	0.0	10.3	16.7	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER	6.	0	0	1	0	0	0	0	0	0	0	1	4.2
		0.0	0.0	75.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL		2	1	11	3.1	26.7	0.5	0	0	0	0	19	100.0

CHI SQUARE = 1.92589 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.15077

COCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

***** C R O S S T A B U L A T I O N O F *****

SLOPE DOWN URBAN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

***** VALUE = 26. M.C. TW18 BR KN *****

***** P A G E 1 O F 1 *****

SLOPE	MFAC										ROW TOTAL
	COUNT	0.20	0.24	0.28	0.37	0.43	0.371	0.431	0.431	0.431	
	ROW PCT	0.20	0.24	0.28	0.37	0.43	0.371	0.431	0.431	0.431	
	CUL PCT	0.20	0.24	0.28	0.37	0.43	0.371	0.431	0.431	0.431	
	TOT PCT	0.20	0.24	0.28	0.37	0.43	0.371	0.431	0.431	0.431	
LESS THAN 0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
	0.0	0.0	12.5	87.5	0.0	0.0	0.0	0.0	0.0	0.0	8.4
	0.0	0.0	66.7	70.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	1.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	
0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
	0.0	0.0	11.1	44.4	44.4	0.0	0.0	0.0	0.0	0.0	4.7
	0.0	0.0	33.3	20.0	3.8	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.5	2.1	2.1	0.0	0.0	0.0	0.0	0.0	
1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
	0.0	0.0	0.0	1.5	65.4	31.8	0.0	0.0	0.0	0.0	56.0
	0.0	0.0	0.0	10.0	66.7	54.8	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	1.0	36.6	17.8	0.0	0.0	0.0	0.0	
2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3-5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
	0.0	0.0	0.0	0.0	56.9	43.1	0.0	0.0	0.0	0.0	26.7
	0.0	0.0	0.0	0.0	27.6	35.5	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	15.2	11.5	0.0	0.0	0.0	0.0	
6-8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.5
	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
9-11	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.5
	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL	0.5	0.5	1.6	10.5	55.0	32.5	6	19	100.0	100.0	

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/70) BUFFALO DIST., CCE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON C R O S S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 26. H.C. THIS DR MN PAGE 1 OF 1

LU										
TEXT	COUNT		ICROPLAND	PASTURE	FOREST	WATER	OTHER	RDW TOTAL		
	ROW PCT	COL PCT								
	TOT PCT	TOT PCT								
SILTCLAYLOAM	2.1		1.1	3.1	4.1	5.1	6.1			
		3		0	0	0	0			
		87.5		0.0	9.4	3.1	0.0		3	
		17.2		0.0	17.6	50.0	0.0			16.8
		14.7		0.0	1.6	0.5	0.0			
SILTY LOAM	3.2		13	0	1	0	1		16	
		84.8		0.6	8.9	0.6	5.1			82.7
		82.2		100.0	82.4	50.0	100.0			
		70.2		0.5	7.3	0.5	4.2			
FN SANDYLOAM	4.2		0	0	0	0	0		0	
		100.0		0.0	0.0	0.0	0.0			0.5
		0.6		0.0	0.0	0.0	0.0			
		0.5		0.0	0.0	0.0	0.0			
COLUMN TOTAL		16		0	2	0	1		19	
		85.3		0.5	8.9	1.0	4.2		100.0	
CHI SQUARE = 0.38138 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000										
CRAMER'S V = 0.09726										

COE LRIS CROSSTABS UPDATE

FILE MF1 CREATION DATE = 11/10/781 BUFFALO DIST..COE LAKE ERIE LRIS

PERM PERMEABILITY LOW VALUE IN HORIZ..IN P HR BY LU CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 24. H.C. TRIB BR KN PAGE 1 OF 1

		LU						ROW TOTAL	
		COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER		
		RUN PCT	CUL PCT	TGT PCT	1.1	3.1	4.1	5.1	6.1
PERM	2.	13	0	2	0	0	0	0	15
	BELC .01 TO 0.09	83.6	0.7	10.5	0.7	0.7	0.7	4.6	79.6
		77.9	100.0	94.1	50.0	50.0	87.5	3.7	
		66.5	0.5	8.4	0.5	0.5	3.7		
4.	BELC .20 TO 0.59	3	0	0	0	0	0	0	3
		93.9	0.0	3.0	0.0	0.0	3.0	17.3	
		19.0	0.0	5.5	0.0	0.0	12.5	0.5	
		16.2	0.0	0.5	0.0	0.0	0.5		
5.	BELC .60 TO 1.9	0	0	0	0	0	0	0	1
		83.3	0.0	0.0	0.0	16.7	0.0	0.0	3.1
		3.1	0.0	0.0	0.0	50.0	0.0	0.0	
		2.6	0.0	0.0	0.0	0.5	0.0	0.0	
COLUMN TOTAL		16	0	2	0	1	19	100.0	
		85.3	0.5	8.9	1.0	4.2			

COLLUMENCE TABLES

FILE MFI CREATION DATE = 11/07/70) BUFFALO DIST. - LODE LAKE ERLE LN15

CAP LAND CAPABILITY CLASS WITH LTPITS C R O S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION HASIN 26. M.C. TR18 HR KN VALUE = PAGE 1 OF 1

LU									
COUNT	ROW PCT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW	TOTAL	
CUL PCT	CUL PCT	CUL PCT	CUL PCT	CUL PCT	CUL PCT	CUL PCT	CUL PCT	CUL PCT	CUL PCT
CAP	CAP	CAP	CAP	CAP	CAP	CAP	CAP	CAP	CAP
2E	3.	88.2	0.0	0.0	0.0	0.0	0.0	0.0	3
		18.4	0.0	11.8	0.0	25.0	0.0	0.0	17.8
		15.7	0.0	1.0	0.0	1.0	0.0	0.0	1.0
4.	9	0	0	0	0	0	0	0	11
		84.1	0.0	9.2	0.0	4.7	0.0	0.0	56.0
		52.2	100.0	58.6	50.0	62.5	0.0	0.0	0
		47.1	0.5	5.2	0.5	2.6	0.0	0.0	1.0
3E	6.	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0
		1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0
		1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	3	0	0	0	0	0	0	0	4
		83.3	0.0	11.1	2.8	2.8	0.0	0.0	18.8
		18.4	0.0	23.5	50.0	12.5	0.0	0.0	0.0
		15.7	0.0	2.1	0.5	0.5	0.0	0.0	0.0
13.	1	0	0	0	0	0	0	0	1
		91.7	0.0	8.2	0.0	0.0	0.0	0.0	6.3
		6.7	0.0	5.5	0.0	0.0	0.0	0.0	0.0
		5.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0
COLUMN	16	0	0	2	0	1	19	100.0	0
TOTAL	85.3	0.5	8.5	1.0	4.2	0.0	0.0	0.0	0.0

CHI SQUARE = 0.43084 WITH 16 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
CRAMER'S V = 0.07509

VALUE - 20. NO. OF INFO ER AN PAGE 1 OF 1

PRCO									
COUNT	EVERYPOUR	POURLY	SOMEPOUR	MOD.WELL	ROW				
RUM PCT	CRAINED	CRAINED	CRAINED	OKAINED	TOTAL				
TOT PCT	1.1	2.1	3.1	4.1					
1.	1.	3	11	1	16				
CREFLAND	8.6	17.8	65.6	9.0	85.3				
	93.3	82.9	84.2	92.9					
	7.3	15.2	50.0	6.8					
3.	0	0	0	0	0				
PASTURE	0.0	0.0	106.0	0.0	0.5				
	0.0	0.0	0.0	0.0					
	0.0	0.0	0.0	0.0					
4.	0	0	1	0	2				
FOREST	0.0	29.4	70.6	0.0	8.9				
	0.0	14.3	9.4	0.0					
	0.0	2.6	6.3	0.0					
5.	0	0	0	0	0				
WATER	50.0	0.0	50.0	0.0	1.0				
	6.7	0.0	0.0	0.0					
	0.5	0.0	0.5	0.0					
6.	0	0	1	0	1				
OTHER	0.0	12.5	75.0	12.5	4.2				
	0.0	2.9	4.7	7.1					
	0.0	0.5	3.1	0.5					
COLUMN TOTAL	1	3	13	1	19				
	7.9	18.3	66.5	7.3	100.0				

COCCURRENCE TABLES

FILE MF1 ICATION DATE = 11/07/78) BUFFALO DIST. COE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES BY KPAZ INTRINSIC PROBABILITY

CONTROLLING FUR.
BASIN SAMPLING STATION BASIN

VALUE = 26. H.C. TR18 PR RN PAGE 1 OF 1

KFAC												
COUNT	KFAC											
	ROW PCI	C.20	0.24	C.28	0.37	0.43	ROW TOTAL					
CUL PCI	TOT PCI	0.201	0.241	0.281	0.371	0.431						
1.		0	0	0	9	5	16					
CROPLAND		0.6	1.8	11.6	54.6	31.9	85.3					
	100.0	100.0	90.0	84.8	84.9							
	0.5	1.6	5.4	46.6	27.2							
PASTURE		0	0	0	0	0	0					
	0.0	0.0	0.0	0.0	0.0	100.0	0.5					
	0.0	0.0	0.0	0.0	0.0	0.5						
FOREST		0	0	0	1	1	2					
	0.0	0.0	0.0	5.5	58.8	35.3	8.9					
	0.0	0.0	0.0	5.5	9.5	9.7						
WATER		0.0	0.0	0.5	5.2	3.1						
	0	0	0	0	0	0	0					
	0.0	0.0	0.0	50.0	50.0	0.0	1.0					
OTHER		0.0	0.0	0.5	0.5	0.0						
	0.0	0.0	0.0	0.5	0.5	0.0						
	0.0	0.0	0.0	0.5	0.5	0.0						
CITY		0	0	0	0	0	1					
	0.0	0.0	0.0	0.0	62.5	37.5	4.2					
	0.0	0.0	0.0	0.0	4.8	4.8						
TOTAL		0.0	0.0	0.0	2.6	1.6						
	0.0	0.0	0.0	0.0	0.0	0.0						
	0.0	0.0	0.0	0.0	0.0	0.0						
CULUM TOTAL		0	0	0	10	6	19					
TOTAL		0.5	1.6	10.5	55.0	32.5	100.0					

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO LIST-CUE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON BY SLOPE DUN URBAN SLOPE VALUE

CONTROLLING FUR...
BASIN SAMPLING STATION DRAIN VALUE = 16. HONEY CR UP ATT PAGE 1 OF 1

SLOPE													
TEXT	COUNT	0.5	1.0	2.0	3-5	6-8	9-11	10-01	10-01	10-01	10-01	10-01	10-01
	RCM PCT	0.5	1.0	2.0	3-5	6-8	9-11	10-01	10-01	10-01	10-01	10-01	10-01
	CUL PCT	0.5	1.0	2.0	3-5	6-8	9-11	10-01	10-01	10-01	10-01	10-01	10-01
	TOT PCT	0.5	1.0	2.0	3-5	6-8	9-11	10-01	10-01	10-01	10-01	10-01	10-01
SILTCLAYLOAM	43.2	19.7	36.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
	90.8	42.9	22.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2
	10.9	5.0	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
LOAM	3.1	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	50.5	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SILTY LOAM	3.2	1	2	22	6	16	1	1	1	1	1	1	50
	1.2	3.6	45.1	12.9	32.5	2.2	2.6	2.6	2.6	2.6	2.6	2.6	69.6
	6.9	21.4	76.5	91.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	0.8	2.5	31.4	9.0	22.6	1.5	1.8	1.8	1.8	1.8	1.8	1.8	
FN SANDYLOAM	4.2	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	75.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MUCK	6.1	0	3	0	0	0	0	0	0	0	0	0	3
	6.2	93.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
	2.3	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	0.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL	12.0	11.6	41.0	30	7	17	1	1	1	1	1	1	73
TOTAL	12.0	11.6	41.0	30	7	17	1	1	1	1	1	1	100.0

COE LRIS CROSSTABS UPDATE

FILE MFI (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY LOW VALUE IN HORIZ., IN P HR BY SLOPE DON URBAN SLOPE VALUE

CONTRLLING FOR..

BASIN SAMPLING STATION BASIN

VALUE = 10. MONEY CR UP ATT

PAGE 1 OF 1

SLOPE

COUNT	SLOPE											RCM TOTAL
	0.2	0.5	1.0	2.0	3-5	4-8	9-11	10-01	10-01	10-01	10-01	
PERM	0.21	0.51	1.01	2.01	3-5	4-8	9-11	10-01	10-01	10-01	10-01	
2.	1	0	2	7	12	1	0	1	0	1	46	
BELC .01 TO 0.09	2.8	0.6	56.5	16.4	25.4	0.2	0.0	0.0	0.0	0.0	64.3	
	15.3	3.7	87.9	100.0	71.1	9.1	0.0	0.0	0.0	0.0		
	1.8	0.4	36.3	9.3	16.3	0.1	0.0	0.0	0.0	0.0		
4.	7	3	3	0	5	1	1	1	1	1	20	
BELC .20 TO 0.59	33.5	16.3	15.8	0.0	23.2	4.9	6.4	100.0	100.0	100.0	28.1	
	80.0	40.2	10.7	0.0	28.3	90.9	1.4	1.8	1.8	1.8		
	9.4	4.6	4.4	0.0	6.5	1.4	1.4	1.4	1.4	1.4		
5.	0	5	0	0	0	0	0	0	0	0	5	
BELC .60 TO 1.9	7.3	83.6	7.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	7.6	
	4.7	56.1	1.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0		
	0.6	6.4	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0		
COLUMN	8	8	30	7	17	1	1	1	1	1	72	
TOTAL	11.8	11.4	41.3	9.3	23.0	1.5	1.8	1.8	1.8	1.8	100.0	

COOCCURRENCE TABLES

FILE MF1 ICENTATION DATE = 11/07/78) BUFFALO DIST. COE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R O S S T A B U L A T I O N O F D O N U R B A N S L O P E V A L U E

CONTROLLING FOR BASIN SAMPLING STATION BASIN

BY SLOPE VALUE = 16. MCNEY CR UP ATT

PAGE 1 OF 1

		SLOPE										ROW TOTAL
COUNT												
ROW PCT	COL PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11				
TOT PCT		0.2	0.5	1.0	2.0	3-5	6-8	9-11				
CROPLAND	1.	8	5	25	5	15	1	1				
		13.0	6.4	40.9	9.2	24.3	1.7	2.2				
		89.7	63.1	82.6	82.1	88.0	90.9	100.0				
PASTURE	3.	10.7	7.3	33.9	7.6	20.1	1.4	1.8				
		0	0	0	0	0	0	0				
		0.0	0.0	33.3	33.3	33.3	0.0	0.0				
FOREST	4.	0.0	0.0	0.3	1.5	0.6	0.0	0.0				
		0.0	0.0	0.1	0.1	0.1	0.0	0.0				
		1	1	3	1	1	1	0				
WATER	5.	9.7	9.7	31.6	11.3	16.1	1.6	0.0				
		6.9	7.1	10.7	10.4	6.0	2.1	0.0				
		0.8	0.8	4.4	1.0	1.4	0.1	0.0				
OTHER	6.	0	0	0	0	0	0	0				
		20.0	40.0	20.0	20.0	0.0	0.0	0.0				
		1.1	2.4	0.3	1.5	0.0	0.0	0.0				
TOTAL		0.1	0.3	0.1	0.1	0.0	0.0	0.0				
		0	2	2	0	1	0	0				
		3.6	41.8	32.7	5.5	16.4	0.0	0.0				
COLUM		2.3	27.4	6.0	4.5	5.4	0.0	0.0				
		0.3	3.2	2.5	0.4	1.2	0.0	0.0				
		9	8	30	7	17	1	1				
TOTAL		12.0	11.6	41.0	9.2	22.9	1.5	1.8	73			
									100.0			

COCCURRENCE TABLES

FILE MFI 1 CREATION DATE = 11/07/70) BUFFALO DIST., CUE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N O F INTRINSIC PROBABILITY
 SLOPE DOWN URBAN SLOPE VALUE
 CONTROLLING FOR...
 BASIN SAMPLING STATION BASIN VALUE = 16. MONEY CR UP ATT
 PAGE 1 OF 1

		PFAC												ROW TOTAL			
COUNT		0.10	0.20	0.24	0.28	0.32	0.37	0.43									
RUN PCT		0.101	0.201	0.241	0.281	0.321	0.371	0.431									
CUL PCT		0.101	0.201	0.241	0.281	0.321	0.371	0.431									
TOT PCT		0.101	0.201	0.241	0.281	0.321	0.371	0.431									
SLOPE		0.2	0	0	2	7	0	0	0	0	0	0	0	8			
LESS THAN 0.2		2.4	0.0	19.0	78.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6			
		6.2	0.0	61.5	63.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		0.3	0.0	2.2	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
0.5		3	0	1	1	2	1	0	0	0	0	0	0	8			
		35.7	0.0	10.7	12.9	25.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	11.6			
		93.7	0.0	34.6	14.4	61.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		4.1	0.0	1.2	2.1	2.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1.0		0	0	0	2	1	17	9	0	0	0	0	0	30			
		0.0	1.0	0.0	7.7	3.7	57.4	30.2	0.0	0.0	0.0	0.0	0.0	41.2			
		0.0	100.0	0.0	22.1	32.4	59.2	38.3	0.0	0.0	0.0	0.0	0.0	0.0			
		0.0	0.4	0.0	3.2	1.5	23.7	12.4	0.0	0.0	0.0	0.0	0.0	0.0			
2.0		0	0	0	0	0	0	0	0	0	0	0	0	7			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3			
		0.0	0.0	0.0	0.0	0.0	5.9	27.7	0.0	0.0	0.0	0.0	0.0	0.0			
		0.0	0.0	0.0	0.0	0.0	0.3	9.0	0.0	0.0	0.0	0.0	0.0	0.0			
3-5		0	0	0	0	0	0	0	0	0	0	0	0	17			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
6-8		0	0	0	0	0	0	0	0	0	0	0	0	1			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
9-11		0	0	0	0	0	0	0	0	0	0	0	0	1			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
COLUMN TOTAL		3	0	3	10	3	29	23	0	0	0	0	0	72			
TOTAL		9.4	0.4	3.6	14.4	4.7	40.0	32.5	0	0	0	0	0	100.0			

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON CROSSL TABULAT ICM OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 16. MCNEY CR UP ATT PAGE 1 OF 1

LU										ROW TOTAL
COUNT	CROPLAND	PASTURE	FOREST	NATER	OTHER					
ROW PCT	COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1			
TEXT	2.1	15	0	2	0	1	18			
		84.7	0.0	9.3	1.1	4.9	25.2			
		25.8	0.0	27.4	40.0	16.4				
SILTCLAYLOAM	21.3	0.3	0.3	0.3	1.2					
	3.1	0	0	0	0	0	0			
		100.0	0.0	0.0	0.0	0.0	0.3			
LOAM	0.3	0.0	0.0	0.0	0.0	0.0				
	0.3	0.0	0.0	0.0	0.0	0.0				
	3.2	43	0	4	0	2	50			
SILTY LOAM	85.0	0.6	8.9	0.6	5.0	69.6				
	71.4	100.0	72.6	60.0	45.5					
	39.1	0.4	6.2	0.4	3.4					
FN SANDYLOAM	4.2	0	0	0	0	0	0			
		100.0	0.0	0.0	0.0	0.0	0.6			
	0.7	0.0	0.0	0.0	0.0	0.0				
BUCK	6.1	1	0	0	0	2	3			
		34.4	0.0	0.0	0.0	65.6	4.4			
	1.8	0.0	0.0	0.0	0.0	38.2				
COLUMN TOTAL	1.5	0.0	0.0	0.0	0.0	2.9				
	60	0	0	6	0	5	73			
	82.8	0.4	8.5	0.7	7.6	100.0				

CHI SQUARE = 16.42335 WITH 16 DEGREES OF FREEDOM

SIGNIFICANCE = 0.4237

CRAMER'S V = 0.23703

CHI SQUARE = 16.42535 WITH 16 DEGREES OF FREEDOM SIGNIFICANCE = 0.4237

CRAMER'S V = 0.23783

COE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY LOW VALUE IN MCRIZ., IN P HR BY LU MAJOR LAND USE CATEGORIES

CONTROLLING FUR.. VALUE = 16. MCNEY CR UP ATT

PAGE 1 OF 1

LU									
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW	TOTAL		
ROW PCT	COL PCT	TOT PCT	PERM	BELO .01 TO 0.09	BELO .20 TO 0.59	BELO .60 TO 1.9	5.	4.	2.
1.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1
12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1	20.1	21.1
22.1	23.1	24.1	25.1	26.1	27.1	28.1	29.1	30.1	31.1
32.1	33.1	34.1	35.1	36.1	37.1	38.1	39.1	40.1	41.1
42.1	43.1	44.1	45.1	46.1	47.1	48.1	49.1	50.1	51.1
52.1	53.1	54.1	55.1	56.1	57.1	58.1	59.1	60.1	61.1
62.1	63.1	64.1	65.1	66.1	67.1	68.1	69.1	70.1	71.1
72.1	73.1	74.1	75.1	76.1	77.1	78.1	79.1	80.1	81.1
82.1	83.1	84.1	85.1	86.1	87.1	88.1	89.1	90.1	91.1
92.1	93.1	94.1	95.1	96.1	97.1	98.1	99.1	100.1	101.1
102.1	103.1	104.1	105.1	106.1	107.1	108.1	109.1	110.1	111.1
112.1	113.1	114.1	115.1	116.1	117.1	118.1	119.1	120.1	121.1
122.1	123.1	124.1	125.1	126.1	127.1	128.1	129.1	130.1	131.1
132.1	133.1	134.1	135.1	136.1	137.1	138.1	139.1	140.1	141.1
142.1	143.1	144.1	145.1	146.1	147.1	148.1	149.1	150.1	151.1
152.1	153.1	154.1	155.1	156.1	157.1	158.1	159.1	160.1	161.1
162.1	163.1	164.1	165.1	166.1	167.1	168.1	169.1	170.1	171.1
172.1	173.1	174.1	175.1	176.1	177.1	178.1	179.1	180.1	181.1
182.1	183.1	184.1	185.1	186.1	187.1	188.1	189.1	190.1	191.1
192.1	193.1	194.1	195.1	196.1	197.1	198.1	199.1	200.1	201.1
202.1	203.1	204.1	205.1	206.1	207.1	208.1	209.1	210.1	211.1
212.1	213.1	214.1	215.1	216.1	217.1	218.1	219.1	220.1	221.1
222.1	223.1	224.1	225.1	226.1	227.1	228.1	229.1	230.1	231.1
232.1	233.1	234.1	235.1	236.1	237.1	238.1	239.1	240.1	241.1
242.1	243.1	244.1	245.1	246.1	247.1	248.1	249.1	250.1	251.1
252.1	253.1	254.1	255.1	256.1	257.1	258.1	259.1	260.1	261.1
262.1	263.1	264.1	265.1	266.1	267.1	268.1	269.1	270.1	271.1
272.1	273.1	274.1	275.1	276.1	277.1	278.1	279.1	280.1	281.1
282.1	283.1	284.1	285.1	286.1	287.1	288.1	289.1	290.1	291.1
292.1	293.1	294.1	295.1	296.1	297.1	298.1	299.1	300.1	301.1
302.1	303.1	304.1	305.1	306.1	307.1	308.1	309.1	310.1	311.1
312.1	313.1	314.1	315.1	316.1	317.1	318.1	319.1	320.1	321.1
322.1	323.1	324.1	325.1	326.1	327.1	328.1	329.1	330.1	331.1
332.1	333.1	334.1	335.1	336.1	337.1	338.1	339.1	340.1	341.1
342.1	343.1	344.1	345.1	346.1	347.1	348.1	349.1	350.1	351.1
352.1	353.1	354.1	355.1	356.1	357.1	358.1	359.1	360.1	361.1
362.1	363.1	364.1	365.1	366.1	367.1	368.1	369.1	370.1	371.1
372.1	373.1	374.1	375.1	376.1	377.1	378.1	379.1	380.1	381.1
382.1	383.1	384.1	385.1	386.1	387.1	388.1	389.1	390.1	391.1
392.1	393.1	394.1	395.1	396.1	397.1	398.1	399.1	400.1	401.1
402.1	403.1	404.1	405.1	406.1	407.1	408.1	409.1	410.1	411.1
412.1	413.1	414.1	415.1	416.1	417.1	418.1	419.1	420.1	421.1
422.1	423.1	424.1	425.1	426.1	427.1	428.1	429.1	430.1	431.1
432.1	433.1	434.1	435.1	436.1	437.1	438.1	439.1	440.1	441.1
442.1	443.1	444.1	445.1	446.1	447.1	448.1	449.1	450.1	451.1
452.1	453.1	454.1	455.1	456.1	457.1	458.1	459.1	460.1	461.1
462.1	463.1	464.1	465.1	466.1	467.1	468.1	469.1	470.1	471.1
472.1	473.1	474.1	475.1	476.1	477.1	478.1	479.1	480.1	481.1
482.1	483.1	484.1	485.1	486.1	487.1	488.1	489.1	490.1	491.1
492.1	493.1	494.1	495.1	496.1	497.1	498.1	499.1	500.1	501.1
502.1	503.1	504.1	505.1	506.1	507.1	508.1	509.1	510.1	511.1
512.1	513.1	514.1	515.1	516.1	517.1	518.1	519.1	520.1	521.1
522.1	523.1	524.1	525.1	526.1	527.1	528.1	529.1	530.1	531.1
532.1	533.1	534.1	535.1	536.1	537.1	538.1	539.1	540.1	541.1
542.1	543.1	544.1	545.1	546.1	547.1	548.1	549.1	550.1	551.1
552.1	553.1	554.1	555.1	556.1	557.1	558.1	559.1	560.1	561.1
562.1	563.1	564.1	565.1	566.1	567.1	568.1	569.1	570.1	571.1
572.1	573.1	574.1	575.1	576.1	577.1	578.1	579.1	580.1	581.1
582.1	583.1	584.1	585.1	586.1	587.1	588.1	589.1	590.1	591.1
592.1	593.1	594.1	595.1	596.1	597.1	598.1	599.1	600.1	601.1
602.1	603.1	604.1	605.1	606.1	607.1	608.1	609.1	610.1	611.1
612.1	613.1	614.1	615.1	616.1	617.1	618.1	619.1	620.1	621.1
622.1	623.1	624.1	625.1	626.1	627.1	628.1	629.1	630.1	631.1
632.1	633.1	634.1	635.1	636.1	637.1	638.1	639.1	640.1	641.1
642.1	643.1	644.1	645.1	646.1	647.1	648.1	649.1	650.1	651.1
652.1	653.1	654.1	655.1	656.1	657.1	658.1	659.1	660.1	661.1
662.1	663.1	664.1	665.1	666.1	667.1	668.1	669.1	670.1	671.1
672.1	673.1	674.1	675.1	676.1	677.1	678.1	679.1	680.1	681.1
682.1	683.1	684.1	685.1	686.1	687.1	688.1	689.1	690.1	691.1
692.1	693.1	694.1	695.1	696.1	697.1	698.1	699.1	700.1	701.1
702.1	703.1	704.1	705.1	706.1	707.1	708.1	709.1	710.1	711.1
712.1	713.1	714.1	715.1	716.1	717.1	718.1	719.1	720.1	721.1
722.1	723.1	724.1	725.1	726.1	727.1	728.1	729.1	730.1	731.1
732.1	733.1	734.1	735.1	736.1	737.1	738.1	739.1	740.1	741.1
742.1	743.1	744.1	745.1	746.1	747.1	748.1	749.1	750.1	751.1
752.1	753.1	754.1	755.1	756.1	757.1	758.1	759.1	760.1	761.1
762.1	763.1	764.1	765.1	766.1	767.1	768.1	769.1	770.1	771.1
772.1	773.1	774.1	775.1	776.1	777.1	778.1	779.1	780.1	781.1
782.1	783.1	784.1	785.1	786.1	787.1	788.1	789.1	790.1	791.1
792.1	793.1	794.1	795.1	796.1	797.1	798.1	799.1	800.1	801.1
802.1	803.1	804.1	805.1	806.1	807.1	808.1	809.1	810.1	811.1
812.1	813.1	814.1	815.1	816.1	817.1	818.1	819.1	820.1	821.1
822.1	823.1	824.1	825.1	826.1	827.1	828.1	829.1	830.1	831.1
832.1	833.1	834.1	835.1	836.1	837.1	838.1	839.1	840.1	841.1
842.1	843.1	844.1	845.1	846.1	847.1	848.1	849.1	850.1	851.1
852.1	853.1	854.1	855.1	856.1	857.1	858.1	859.1	860.1	861.1
862.1	863.1	864.1	865.1	866.1	867.1	868.1	869.1	870.1	871.1
872.1	873.1	874.1	875.1	876.1	877.1	878.1	879.1	880.1	881.1
882.1	883.1	884.1	885.1	886.1	887.1	888.1	889.1	890.1	891.1
892.1	893.1	894.1	895.1	896.1	897.1	898.1	899.1	900.1	901.1
902.1	903.1	904.1	905.1	906.1	907.1	908.1	909.1	910.1	911.1
912.1	913.1	914.1	915.1	916.1	917.1	918.1	919.1	920.1	921.1
922.1	923.1	924.1	925.1	926.1	927.1	928.1	929.1	930.1	931.1
932.1	933.1	934.1	935.1	936.1	937.1	938.1	939.1	940.1	941.1
942.1	943.1	944.1	945.1	946.1	947.1	948.1	949.1	950.1	951.1
952.1	953.1	954.1	955.1	956.1	957.1	958.1	959.1	960.1	961.1
962.1	963.1	964.1	965.1	966.1	967.1	968.1	969.1	970.1	971.1
972.1	973.1	974.1	975.1	976.1	977.1	978.1	979.1	980.1	981.1
982.1	983.1	984.1	985.1	986.1	987.1	988.1	989.1	990.1	991.1
992.1	993.1	994.1	995.1	996.1	997.1	998.1	999.1	1000.1	1001.1
1002.1	1003.1	1004.1	1005.1	1006.1	1007.1	1008.1	1009.1	1010.1	1011.1
1012.1	1013.1	1014.1	1015.1	1016.1	1017.1	1018.1	1019.1	1020.1	1021.1
1022.1	1023.1	1024.1	1025.1	1026.1	1027.1	1028.1	1029.1	1030.1	1031.1
1032.1	1033.1	1034.1	1035.1	1036.1	1037.1	1038.1	1039.1	1040.1	1041.1
1042.1	1043.1	1044.1	1045.1	1046.1	1047.1	1048.1	1049.1	1050.1	1051.1
1052.1	1053.1	1054.1	1055.1	1056.1	1057.1	1058.1	1059.1	1060.1	1061.1
1062.1	1063.1	1064.1	1065.1	1066.1	1067.1	1068.1	1069.1	1070.1	1071.1
1072.1	1073.1	1074.1	1075.1	1076.1	1077.1	1078.1	1079.1	1080.1	1081.1
1082.1	1083.1	1084.1	1085.1	1086.1	1087.1	1088.1	1089.1	1090.1	1091.1
1092.1	1093.1	1094.1	1095.1	1096.1	1097.1	1098.1	1099.1	1100.1	1101.1
1102.1	1103.1	1104.1	1105.1	1106.1	1107.1	1108.1	1109.1	1110.1	1111.1
1112.1	1113.1	1114.1	1115.1	1116.1	1117.1	1118.1			

COCCURRENCE TABLES

FILE #F1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CAP LAND CAPABILITY CLASS, WITH LIMITS BY LU

CONTROLLING FOR..

BASIN

SAMPLING STATION BASIN

VALUE =

16. MONEY CR UP ATT

..... PAGE 1 OF 2

LU										
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROM				
RUN PCT						TOTAL				
CUL PCT										
TOT PCT	1.1	3.1	4.1	5.1	6.1					
CAP	2.1	0	0	0	0	0				
2S	100.0	0.0	0.0	0.0	0.0	0.1				
	0.2	0.0	0.0	0.0	0.0	0.0				
	0.1	0.0	0.0	0.0	0.0	0.0				
3.	12	0	1	0	1	14				
2E	88.2	0.7	5.1	0.0	5.1	18.9				
	20.1	33.3	12.5	0.0	12.7					
	16.7	0.1	1.1	0.0	1.0					
4.	29	0	4	0	2	35				
2W	82.5	0.6	10.7	0.6	5.6	48.8				
	48.6	66.7	61.2	40.0	36.4					
	40.2	0.3	5.2	0.3	2.8					
6.	2	0	0	0	0	2				
3E	100.0	0.0	0.0	0.0	0.0	2.2				
	2.7	0.0	0.0	0.0	0.0					
	2.2	0.0	0.0	0.0	0.0					
7.	9	0	1	0	0	11				
3W	62.0	0.0	10.6	2.7	4.5	15.3				
	15.1	0.0	19.4	60.0	9.1					
	12.5	0.0	1.7	0.4	0.7					
10.	0	0	0	0	0	0				
4W	100.0	0.0	0.0	0.0	0.0	0.1				
	0.2	0.0	0.0	0.0	0.0					
	0.1	0.0	0.0	0.0	0.0					
13.	7	0	0	0	0	8				
5W	92.3	0.0	5.1	0.0	2.6	10.7				
	12.0	0.0	6.5	0.0	3.6					
	9.9	0.0	0.6	0.0	0.3					
COLUMN	60	0	6	0	5	73				
TOTAL	82.8	0.4	8.5	0.7	7.6	100.0				

(CONTINUED)

COOCCURRENCE TABLES

FILE #1 ICREPTION DATE = 11/07/78) BUFFALO DIST., CUE LAKE EMIE LAIS

..... C R O S S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CAP LAND CAPABILITY CLASS WITH LIMITS BY LU VALUE = 16. MONEY CR UP ATT PAGE 2 OF 2

CONTROLLING FUR..

BASIN SAMPLING STATION BASIN

LU

	COUNT	1	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW TOTAL
	ROW PCT							
	COL PCT							
	TOT PCT	1.1	3.1	4.1	5.1	6.1		
CAP	16.	1	0	0	0	2	3	
6W	25.0	1	0.0	0.0	0.0	75.0	3.9	
	1.2	0.0	0.0	0.0	0.0	36.2	1	
	1.0	0.0	0.0	0.0	0.0	2.9	1	
	-							
COLUMN	60	0	0	0	0	5	73	
TOTAL	82.8	0.4	0.5	0.7	7.5	100.0		

CHI SQUARE = 20.82497 WITH 28 DEGREES OF FREEDOM SIGNIFICANCE = 0.8326

CRAMER'S V = 0.26778

COOCCURRENCE TABLES

FILE #01 (CREATION DATE = 11/07/70) BUFFALO DIST., CUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R O S S A B U L A T I O N U F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FUR... 16. HONEY CR UP ATT VALUE =

PASIN SAMPLING STATION BASIN BY DRUG PAGE 1 OF 1

CRCD

LU	COUNT	RUM PCT	EVERYPOUR	POURLY	SCHEPLER	MOD. WELL	WELL	RUM
		CUL PCT	ICRAINED	DRAINED	DRAINED	DRAINED	DRAINED	TOTAL
	TOT PCT	1.1	2.1	3.1	4.1	5.1		
CROFLAND	1.1	11.1	9	32	6	0	60	
		18.6	15.8	54.2	19.5	0.5	82.6	
		74.2	85.6	82.9	90.0	100.0		
		15.4	13.1	45.2	8.7	0.4		
PASTURE	3.1	0	0	0	0	0	0	
		0.0	0.0	46.7	33.3	0.0	0.4	
		0.0	0.0	0.5	1.4	0.0		
		0.0	0.0	0.3	0.1	0.0		
FOREST	4.1	17.7	16.1	59.7	6.5	2.0	8.5	
		7.3	9.0	5.5	5.7	0.0		
		1.5	1.4	5.1	0.6	0.0		
WATER	5.1	0	0	0	0	0	0	
		40.0	20.0	40.0	0.0	0.0	0.7	
		1.3	0.9	0.5	0.0	0.0		
		0.3	0.1	0.3	0.0	0.0		
OTHER	6.1	3	0	2	0	0	5	
		47.3	9.1	40.0	3.6	0.0	7.6	
		17.2	4.5	5.6	2.9	0.0		
		3.6	0.7	3.0	0.3	0.0		
COLUMN TOTAL	15	11	39	53.5	9.6	0.4	100.0	
	20.8	15.3						

COCCURRENCE TABLES

FILE #F1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N U F INTRINSIC ENDURABILITY
 LL MAJOR LAND USE CATEGORIES BY KFAC
 CONTROLLING FOR...
 BASIN SAMPLING STATION BASIN VALUE = 16. MONEY CP UP ATT
 PAGE 1 OF 1

LU	PFAC											ROW TOTAL
	COUNT	0.10	0.20	0.24	0.26	0.32	0.37	0.43	0.43	0.43	0.43	
	ROW PCT	0.10	0.20	0.24	0.26	0.32	0.37	0.43	0.43	0.43	0.43	
	CUM PCT	0.10	0.20	0.24	0.26	0.32	0.37	0.43	0.43	0.43	0.43	
	TOT PCT	0.10	0.20	0.24	0.26	0.32	0.37	0.43	0.43	0.43	0.43	
1.	1.	1	0	0	0	0	0	0	0	0	0	60
		1.8	0.5	3.7	15.2	4.8	41.0	32.9	32.9	32.9	32.9	82.7
		34.4	100.0	84.6	87.5	85.3	84.8	83.8	83.8	83.8	83.8	
		1.5	0.4	3.0	12.6	4.0	33.9	27.2	27.2	27.2	27.2	
3.	3.	0	0	0	0	0	0	0	0	0	0	0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4.	4.	0	0	0	0	0	0	0	0	0	0	6
		7.0	0.0	4.8	14.5	1.6	43.5	35.5	35.5	35.5	35.5	8.6
		0.0	0.0	11.2	8.7	2.9	9.3	9.4	9.4	9.4	9.4	
		0.0	0.0	0.4	1.2	0.1	3.7	3.0	3.0	3.0	3.0	
5.	5.	0	0	0	0	0	0	0	0	0	0	0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.	6.	2	0	0	0	0	0	0	0	0	0	5
		38.2	0.0	0.0	5.5	7.3	25.5	23.6	23.6	23.6	23.6	7.6
		45.6	0.0	0.0	2.9	11.8	4.8	5.5	5.5	5.5	5.5	
		2.9	0.0	0.0	0.4	0.6	1.9	1.8	1.8	1.8	1.8	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL		3	0	3	10	4	29	23	23	23	23	72
		4.4	0.4	3.6	14.4	4.7	40.0	32.5	32.5	32.5	32.5	100.0

COCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/708 BUFFALO DIST., COE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON CROSS TABULATION BY SLOPE DUN URBAN SLOPE VALUE

CONTRROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 15. MONEY CR UP ATC

PAGE 1 OF 1

		SLOPE										ROW TOTAL
		COUNT	LESS THAN	0.5	1.0	2.0	3-5	4-6	7-10	11-15	16-20	
		ROW PCT	0.2	0.5	1.0	2.0	3-5	4-6	7-10	11-15	16-20	
		TOT PCT	0.2	0.5	1.0	2.0	3-5	4-6	7-10	11-15	16-20	
TEXT		1-2	3	4	5	6	7	8	9	10	11	
SILTY CLAY		0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILTY LOAM		2.1	8	4	5	0	0	0	0	0	0	20
		39.5	17.6	42.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1
		91.0	36.7	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		8.7	3.9	9.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LOAM		3.1	0	0	0	0	0	0	0	0	0	1
		0.0	0.0	0.0	25.0	0.0	75.0	0.0	0.0	0.0	0.0	1.3
		0.0	0.0	0.0	0.7	0.0	3.7	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0
SILTY LOAM		3.2	1	3	31	6	24	1	1	1	1	67
		0.9	4.6	46.2	9.7	9.7	35.1	1.6	1.6	1.9	1.9	72.6
		6.7	31.6	77.2	9.0	9.0	95.9	103.0	103.0	100.0	100.0	0.0
		0.6	3.3	33.5	7.0	7.0	25.5	1.2	1.2	1.4	1.4	0.0
FN SANDY LOAM		4.2	0	0	0	0	0	0	0	0	0	0
		0.0	0.0	0.0	75.0	0.0	25.0	0.0	0.0	0.0	0.0	0.4
		0.0	0.0	0.0	0.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0
PUCR		6.1	0	3	0	0	0	0	0	0	0	3
		6.2	93.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
		2.2	30.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL		9	10	45	7.2	26.5	1.2	1.2	1.4	1.4	1.4	100.0

COE LRIIS CROSSTABS UPDATE

FILE MFI CREATION DATE = 11/10/78) BUFFALO DIST..CUE LAKE ERIE LRIIS

PERM PERMEABILITY, LGN VALUE IN HCRIZ..IN P HR BY SLOPE DUN URBAN SLOPE VALUE
 CONTROLLING FUR..
 BASIN SAMPLING STATION BASIN VALUE = 15. MONEY CR UP AIC
 PAGE 1 OF 1

		SLOPE										TOTAL	
COUNT		0.5	1.0	2.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
ROW PCT		0.5	1.0	2.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
COL PCT		0.2	0.5	1.0	2.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.0
100 PCT		0.2	0.5	1.0	2.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.0
PERM	2.	1	0	3	7	19	0	0	0	0	0	0	64
	2.2	0.5	57.6	10.5	29.7	10.5	0.2	0.0	0.0	0.0	0.0	0.0	69.2
	16.1	3.1	90.3	100.0	77.2	9.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	1.5	0.3	39.4	7.3	20.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BELC .01 TO 0.09	4.	7	3	3	0	5	1	1	1	1	1	1	21
	33.3	16.4	15.5	0.0	23.2	4.8	6.3	100.0	100.0	100.0	100.0	100.0	22.4
	19.3	35.4	8.2	0.0	19.5	90.9	1.1	1.4	1.4	1.4	1.4	1.4	0.0
	7.5	3.7	3.6	0.0	5.2	1.1	1.1	1.4	1.4	1.4	1.4	1.4	0.0
BELC .20 TO 0.59	5.	0	6	0	0	1	0	0	0	0	0	0	7
	5.3	78.7	6.1	0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
	4.6	61.5	1.2	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.4	6.4	0.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BELC .60 TO 1.9	6.	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	0.0	0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BELC 2.0 TO 5.9	7.	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMNS		9	10	40	7	25	1	1	1	1	1	1	92
TOTAL		9.4	10.4	43.7	7.3	26.7	1.2	1.4	1.4	1.4	1.4	1.4	100.0

125

CCCCCREFERENCE TABLES

FILE MFI (CREATION DATE = 11/07/79) BUFFALO DIST., CUE LAKE LPIE LMS

***** C R C S S T A B U L A T I O N O F ***** INTRINSIC ERODABILITY *****

SLOPE DOWN URBAN SLOPE VALUE

CONTROLLING FOR..

BASIN SAMPLING STATION BASIN

BY AFAC

VALUE = 15. MONEY CR UP ALC

PAGE 1 OF 1

FEAC

COUNT	0.10	0.20	0.24	0.28	0.32	0.37	0.43	ROW TOTAL
ROW PCT	0.101	0.201	0.241	0.281	0.321	0.371	0.431	
CUL PCT	0.101	0.201	0.241	0.281	0.321	0.371	0.431	
SLOPE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	9
LESS THAN 0.2	2.3	0.0	15.8	77.4	0.0	0.0	0.0	9.3
	6.2	0.0	63.0	60.9	0.0	0.0	0.0	
	0.2	0.0	1.8	7.3	0.0	0.0	0.0	
0.5	3	0	1	2	2	2	0	10
	30.6	0.0	9.2	19.4	21.6	19.4	0.0	10.6
	93.7	0.0	33.2	17.3	50.0	4.9	0.0	
	3.2	0.0	1.0	2.1	2.3	2.1	0.0	
1.0	0	0	0	2	1	24	12	40
	0.0	0.7	0.0	6.0	3.0	59.8	30.5	43.6
	0.0	100.0	0.0	21.8	28.6	62.3	38.1	
	0.0	0.3	0.0	2.6	1.3	26.1	13.3	
2.0	0	0	0	0	0	0	6	7
	0.0	0.0	0.0	0.0	3.0	0.0	97.0	7.3
	0.0	0.0	0.0	0.0	4.8	0.0	20.1	
	0.0	0.0	0.0	0.0	0.2	0.0	7.0	
3-5	0	0	0	0	1	10	13	25
	0.0	0.0	0.4	0.0	2.8	42.3	54.5	26.6
	0.0	0.0	3.7	0.0	16.7	26.9	41.5	
	0.0	0.0	0.1	0.0	0.8	11.3	14.5	
6-8	0	0	0	0	0	1	0	1
	0.0	0.0	0.0	0.0	0.0	90.9	9.1	1.2
	0.0	0.0	0.0	0.0	0.0	2.6	0.3	
	0.0	0.0	0.0	0.0	0.0	1.1	0.1	
9-11	0	0	0	0	0	1	0	1
	0.0	0.0	0.0	0.0	0.0	100.0	0.0	1.4
	0.0	0.0	0.0	0.0	0.0	3.4	0.0	
	0.0	0.0	0.0	0.0	0.0	1.4	0.0	
COLUMN TOTAL	3	0	3	11	4	39	32	92
TOTAL	3.5	0.3	2.5	11.9	4.5	41.9	35.0	100.0

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

***** C P D S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES *****

TEXTURE OF SURFACE HORIZON

CONTROLLING FOR SAMPLING STATION BASIN

VALUE = 15. MONEY CR UP AIC

***** PAGE 1 OF 1 *****

COUNTY		LU						ROW TOTAL
ROW PCT	CROPLAND	PASTURE	FOREST	WATER	OTHER			
COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1		
TEXT	1.2	0	0	0	0	0	0	
	100.0	0.0	0.0	0.0	0.0	0.0	0.1	
	0.1	0.0	0.0	0.0	0.0	0.0		
SILTY CLAY	2.1	0.1	0.0	0.0	0.0	0.0		
	17	0	2	0	0	1	20	
	83.9	0.0	10.2	1.0	4.9		22.1	
SILTCLAYLOAM	22.5	0.0	23.9	33.3	16.1			
	18.6	0.0	2.3	0.2	1.1			
	1	0	0	0	0		1	
LOAM	3.1	0	0	0	0	0	1.3	
	91.7	0.0	8.3	0.0	0.0			
	1.4	0.0	1.1	0.0	0.0			
SILTY LOAM	3.2	1.2	0.0	0.1	0.0	0.0		
	57	1	7	0	3		67	
	84.1	0.9	9.8	0.6	4.6		72.6	
FM SANDYLOAM	74.0	100.0	75.0	66.7	50.0			
	61.1	0.6	7.1	0.4	3.3			
	0	0	0	0	0		0	
MUCK	6.1	0	0	0	0	0	0.4	
	100.0	0.0	0.0	0.0	0.0	0.0		
	0.5	0.0	0.0	0.0	0.0			
COLUMN TOTAL	76	0	0	0	0	2	3	
	34.4	0.0	0.0	0.0	0.0	65.6	3.5	
	1.4	0.0	0.0	0.0	0.0	33.9		
		1.2	0.0	0.0	0.0	2.3		
		93	1	9	1	6	93	
		82.5	0.6	9.5	0.6	6.7	100.0	

CDE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., CUE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HURIZ., IN P HR BY LU MAJOR LAND USE CATEGORIES
 BASIN SAMPLING STATION BASIN VALUE = 15. MONEY CR UP AIC
 PAGE 1 OF 1

LU										
COUNT										
PERM	ROW PCT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW	TOTAL		
TOT PCT	1.1	3.1	4.1	5.1	6.1					
2.1	53	0	7	0	3					64
BELC .01 TO 0.09	83.1	0.8	10.2	0.5	5.3					69.2
	69.8	83.3	75.0	50.0	56.8					
	57.5	0.5	7.2	0.3	3.7					
4.1	18	0	1	0	1					21
BELC .20 TO 0.59	89.4	0.5	6.8	0.0	3.4					22.4
	24.3	16.7	15.5	0.0	11.3					
	20.0	0.1	1.5	0.0	0.8					
5.1	4	0	1	0	2					7
BELC .60 TO 1.9	57.3	0.0	10.7	4.0	28.0					8.1
	5.7	0.0	9.1	50.0	33.9					
	4.7	0.0	6.5	0.3	2.3					
6.1	0	0	0	0	0					0
BELC 2.0 TO 5.9	100.0	0.0	0.0	0.0	0.0					0.2
	0.3	0.0	0.0	0.0	0.0					
	0.2	0.0	0.0	0.0	0.0					
COLUMN TOTAL	76	1	5	1	6					92
	82.4	0.7	9.5	0.7	6.7					100.0

LOCURRENCE TABLES

FILE #F1 ICHEATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

LAND CAPABILITY CLASSIFICATION OF MAJOR LAND USE CATEGORIES

COMPILING FOR...

BASIN SAMPLING STATION NASIN

VALUE = 15. MONEY CR UP AIC

PAGE 1 OF 2

CAP	LU										ROW TOTAL
	LCOUNT	1	2	3	4	5	6	7	8	9	
CAP	ROW PCT	1	2	3	4	5	6	7	8	9	TOTAL
	TOT PCT	1	2	3	4	5	6	7	8	9	
1	80.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
2S	0.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2E	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	17	0	0	0	0	0	0	0	0	0	0
4	87.5	1.0	0	0	0	0	0	0	0	0	19
5	22.0	32.3	14.8	0.0	0.0	14.5	0.0	0.0	0.0	0.0	20.7
6	18.1	0.2	1.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.6
7	38	0	0	0	0	0	0	0	0	0	46
8	81.7	0.9	11.4	0.6	0.0	5.2	0.0	0.0	0.0	0.0	50.1
9	49.5	66.7	61.4	50.0	38.7	2.6	0.0	0.0	0.0	0.0	2.6
10	50.9	0.5	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6
11	2	0	0	0	0	0	0	0	0	0	2
12	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
13	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	11	0	0	0	0	0	0	0	0	0	13
16	81.2	0.0	12.0	2.3	4.5	14.3	0.0	0.0	0.0	0.0	14.3
17	14.1	0.0	18.2	50.0	9.7	0.0	0.0	0.0	0.0	0.0	9.7
18	11.7	0.0	1.7	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.6
19	0	0	0	0	0	0	0	0	0	0	0
20	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
21	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	76	1	5	1	6	6.7	100.0	0.0	0.0	0.0	95
TOTAL	82.5	0.6	5.5	0.6	6.7	100.0	0.0	0.0	0.0	0.0	100.0

(CONTINUED)

GOODCLARENCE TABLES

FILE #F1 CREATION DATE = 11/07/70 BUFFALO DIST. - CUE LAKE ENIE LRIS

LAND CAPABILITY CLASSIFICATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FUR. BASIN SAMPLING STATION HASIN VALUE = 15. MONEY CR UP AIC PAGE 2 OF 2

LU										
	COUNT		CROPLAND	PASTURE	FCREST	WATER	OTHER	RUM		
	NUM PCT	FOF PCT						TOTAL	TOTAL	
CAP	13.	7	0	0	0	0	0	0	0	8
5M		92.4	0.0	5.1	0.0	0.0	2.5			8.5
		9.5	0.0	4.5	0.0	0.0	3.2			
		7.9	0.0	0.4	0.0	0.0	0.2			
6M	16.	1	0	0	0	0	2			3
		25.0	0.0	0.0	0.0	0.0	75.0			3.0
		0.9	0.0	0.0	0.0	0.0	33.9			
		0.8	0.0	0.0	0.0	0.0	2.3			
COLUMN		76	1	5	0	1	6			93
		82.5	0.6	9.5	0.6	6.7	100.0			

CHI SQUARE = 23.45197 WITH 32 DEGREES OF FREEDOM SIGNIFICANCE = 0.8483

CRAMER'S V = 0.25384

COCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., QUE LAKE ENIE LUIS

***** CROSS TABULATION CF *****

LU	MAJOR LAND USE CATEGORIES	BY DRCG	DRAINAGE CHARACTERISTICS CODE
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

CONTROLLING POINT	SAMPLING STATION	UASIN	VALUE *	15. MONEY CR UP AIC
1	2	3	4	5

1. The first part of the document is a title page. It contains the title "THE HISTORY OF THE UNITED STATES OF AMERICA" and the author "BY JAMES MADISON".

	COUNT	ERCO						RUM TOTAL
	RUM PCT TOT PCT	EVERYPCOR TOT PCT	PURLY DRAINED	SCHREFFER DRAINED	MUD.WELL DRAINED	WELL DRAINED		
LU	1.	11	11	46	7	1	76	
CROPLAND		15.0	14.4	60.4	9.3	0.9	82.5	
		78.7	84.0	83.1	91.0	87.5		
		12.6	11.9	45.8	7.7	3.6		
PASTURE	3.	0	0	0	0	0	1	
		0.0	0.0	83.2	16.7	0.0	0.6	
		0.0	0.0	0.5	1.3	0.0		
		0.0	0.0	0.5	0.1	0.0		
FOREST	4.	1	1	6	0	0	9	
		12.5	15.9	65.5	4.5	1.1	9.5	
		7.1	10.7	10.4	5.1	12.5		
		1.2	1.5	6.2	0.4	0.1		
WATER	5.	0	0	0	0	0	1	
		33.3	16.7	50.0	0.0	0.0	0.6	
		1.3	0.8	0.5	0.0	0.0		
		0.2	0.1	0.3	0.0	0.0		
OTHER	6.	3	1	2	0	0	6	
		41.9	9.7	45.2	3.2	0.0	6.7	
		16.9	4.6	5.0	2.8	0.0		
		2.8	0.6	3.0	0.2	0.0		
COLUMN TOTAL	15	13	56	8	1	93		
TOTAL	16.6	14.1	60.6	8.4	0.9	100.0		

COCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST. CUE LAKE EPHIL LRIS

LU MAJOR LAND USE CATEGORIES C R L S T A B U L A T I O N U F INTRINSIC FERTILITY

CONTROLLING FUR. BASIN SAMPLING STATION BASIN VALUE = 15. HONEY CR UP AIC

PAGE 1 OF 1

PFAC													
CUUNT	0.10	0.20	0.24	0.28	0.32	0.37	0.43	ROW					
ROW PCT	0.10	0.20	0.24	0.28	0.32	0.37	0.43	TOTAL					
CUL PCT	0.101	0.201	0.241	0.281	0.321	0.371	0.431						
LU													
1.	1.4	0.4	3.0	12.6	4.7	42.1	35.7	76					
	34.4	100.0	85.2	87.3	85.7	82.9	84.2	82.5					
	1.2	0.3	2.5	10.4	3.9	34.7	29.4						
3.	0	0	0	0	0	0	0	1					
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6					
	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
4.	0	0	0	1	0	4	3	9					
	0.0	0.0	3.4	11.4	2.3	48.9	34.1	9.5					
	0.0	0.0	11.1	9.1	4.8	11.1	9.3						
	0.0	0.0	0.3	1.1	0.2	4.7	3.2						
5.	0	0	0	0	0	0	0	1					
	0.0	0.0	16.7	16.7	0.0	50.0	16.7	0.6					
	0.0	0.0	3.7	0.9	0.0	0.0	0.3						
	0.0	0.0	0.1	0.1	0.0	0.3	0.1						
6.	2	0	0	0	0	2	2	6					
	33.9	0.0	0.0	4.8	6.5	27.4	27.4	6.7					
	65.6	0.0	0.0	2.7	9.5	4.4	5.3						
	2.3	0.0	0.0	0.3	0.4	1.8	1.8						
COLUMN	3	0	2	11	4	39	32	92					
TOTAL	3.5	0.3	2.5	11.9	4.5	41.9	35.0	100.0					

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST. - CUE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON CROSS TABULATION OF DUN URBAN SLOPE VALUE

CONTRACTING FIRM: BASIN SAMPLING STATION BASIN VALUE = 25. M.C. TR18 AICH

PAGE 1 OF 1

TEXT	SLOPE						
	COUNT	LESS THAN 0.5	1.0	3-5	ROM		
	RUN PCT	0.2	0.51	1.01	4.01	TOTAL	
SILTY CLAY	1.2	0	0	0	0	0	
		0.0	100.0	0.0	0.0	0.0	
		0.0	100.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	
SILT/CLAY/LOAM	2.1	0	0	4	0	4	
		10.0	0.0	90.0	0.0	25.6	
		100.0	0.0	25.0	0.0	0.0	
		2.6	0.0	23.1	0.0	0.0	
LOAM	3.1	0	0	0	0	0	
		0.0	0.0	170.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	
SILTY LOAM	3.2	0	0	5	3	11	
		0.0	0.0	76.2	23.7	73.1	
		0.0	0.0	70.2	100.0	0.0	
		0.0	0.0	52.8	17.2	0.0	
COLUMN TOTAL		0	0	12	3	16	
		2.6	0.6	79.5	17.3	100.0	

COE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN PERCENT, IN P.M. BY SLOPE UON URBAN SLOPE VALUE

CONTRACTING FOR... VALUE = 25. M.C. TRIB AICH

PAGE 1 OF 1

		SLOPE							
COUNT									
ROW PCT		LESS THAN	0.5	1.0	3-5	10	TOTAL		
COL PCT		0.2	0.51	1.01	4.01				
TOT PCT									
PERM									
BELO .01 TO 0.09	2.	0	0	12	3	15			
		2.6	0.0	75.5	17.5	98.7			
	100.0	0.0	0.0	99.2	100.0				
	2.6	0.0	0.0	78.8	17.3				
BELO .20 TO 0.59	4.	0	0	0	0	0			
		0.0	100.0	0.0	0.0	0.0			
	0.0	0.0	100.0	0.0	0.0	0.0			
	0.0	0.6	0.0	0.0	0.0				
BELO .60 TO 1.9	5.	0	0	0	0	0			
		0.0	0.0	100.0	0.0	0.0			
	0.0	0.0	0.0	0.8	0.0				
	0.0	0.0	0.0	6.4	0.0				
COLUMN TOTAL		2.6	0.6	79.5	17.3	100.0			

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/78) BUFFALO DIST., CCF LAKE ERIE LRIS

..... C P O S S T A B U L A T I O N O F D O N U R B A N S L O P E V A L U E

LU MAJOR LAND USE CATEGORIES

BY SLOPE

25. H.C. TR19 AICH

VALUE =

PAGE 1 OF 1

SLOPE

COUNT	SLOPE					ROW TOTAL
	LESS THAN 0.5	0.5	1.0	3-5		
ROW PCT	0.2	0.2	0.5	1.0	4.0	
COL PCT	0.2	0.2	0.5	1.0	4.0	
1.	0	0	0	10	2	13
2.	3.0	0.8	78.2	18.0	85.3	
3.	100.0	100.0	83.9	88.9		
4.	2.6	0.6	66.7	15.4		
5.	0	0	0	0	0	
6.	0.0	0.0	100.0	0.0	1.3	
7.	0.0	0.0	1.6	0.0		
8.	0.0	0.0	1.3	0.0		
9.	0	0	1	0	1	
10.	0.0	0.0	92.3	7.7	8.3	
11.	0.0	0.0	9.7	3.7		
12.	0.0	0.0	7.7	0.6		
13.	0	0	1	0	1	
14.	0.0	0.0	75.0	25.0	5.1	
15.	0.0	0.0	4.8	7.4		
16.	0.0	0.0	3.8	1.3		
COLUMN TOTAL	2.6	0.6	79.5	17.3	100.0	

CHI SQUARE = 0.26434 WITH 9 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.07516

COCCURRENCE TABLES

FILE #41 CREATION DATE = 11/27/78 BUFFALO DIST. CO. LAKE ERIE LRIS
 C R U S T A U L A T I O N C F I N T R I N S I C E R O D A B I L I T Y
 SLOPE DEN UMAN SLOPE VALUE
 CONTROLLING FUR.
 BASIN SAMPLING STATION BASIN
 VALUE = 25. H-C. TRIB AICH
 PAGE 1 OF 1

SLOPE	PFAL					RUM TOTAL
	COUNT	10.28	0.37	0.43	0.431	
	RUM PCT	10.28	0.37	0.43	0.431	
	CUL PCT					
	TOT PCT	0.281	0.371	0.431		
0.2	0.2	0	0	0	0	0
0.2	100.0	0.0	0.0	0.0	0.0	2.6
	66.7	0.0	0.0	0.0	0.0	
	2.6	0.0	0.0	0.0	0.0	
0.5	0	0	0	0	0	0
0.5	100.0	0.0	0.0	0.0	0.0	0.0
	16.7	0.0	0.0	0.0	0.0	
	0.6	0.0	0.0	0.0	0.0	
1.0	0	12	0	0	12	12
1.0	0.0	99.2	0.0	0.0	79.5	79.5
	16.7	83.7	0.0	0.0		
	0.6	78.8	0.0	0.0		
4.0	0	2	0	0	3	3
4.0	0.0	68.9	11.1	11.1	17.3	17.3
	0.0	16.3	100.0			
	0.0	15.4	1.5	1.5		
COLUMN TOTAL	1	15	15	15	16	16
	3.8	94.2	1.5	1.5	100.0	100.0

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES

TEXT TEXTURE OF SURFACE HORIZON

BY LU

VALUE = 25. H.C. TRIB AICH

..... PAGE 1 OF 1

LU										
TEXT	COUNT	CROPLAND PASTURE FOREST OTHER				ROW TOTAL				
	ROW PCT COL PCT TOT PCT	1.1	3.1	4.1	6.1					
SILTY CLAY	1.2	0	0	0	0	0				
		100.0	0.0	0.0	0.0	0.6				
		0.8	0.0	0.0	0.0	0.0				
SILTCLAYLOAM	2.1	3	0	1	0	4				
		80.0	2.5	12.5	5.0	25.6				
		24.1	30.0	38.5	25.0	0				
LOAM	3.1	0	0	0	0	0				
		100.0	0.0	0.0	0.0	0.6				
		0.8	0.0	0.0	0.0	0				
SILTY LOAM	3.2	10	0	1	1	11				
		86.8	0.9	7.0	5.3	73.1				
		74.4	50.0	61.5	75.0	0				
COLUMN TOTAL	13	0	1	1	1	16				
		85.3	1.3	8.3	5.1	100.0				
		0.8	0.0	0.0	0.0	0				

CHI SQUARE = 0.21932 WITH 9 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.06846

COE LUIS CROSSTABS UPDATE

FILE MF1 CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LUIS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR LU MAJOR LAND USE CATEGORIES

CCATPELLING FOR.. BASIN SAMPLING STATION BASIN VALUE = 25. H.C. TRIB AICH

PAGE 1 OF 1

COUNT		LU						
PERM	ROW PCT	CROPLAND	PASTURE	FCREST	OTHER	ROW TOTAL		
	COL PCT	1.1	3.1	4.1	6.1			
	TOT PCT							
BELO .01 TO 0.09	2.	13	0	1	1	15		
		85.1	1.3	8.4	5.2	98.7		
		98.5	100.0	100.0	100.0			
		84.0	1.3	8.3	5.1			
BELO .20 TO 0.29	4.	0	0	0	0	0		
		100.0	0.0	0.0	0.0	0.0		
		0.8	0.0	0.0	0.0			
		0.6	0.0	0.0	0.0			
BELO .60 TO 1.9	5.	0	0	0	0	0		
		100.0	0.0	0.0	0.0	0.0		
		0.8	0.0	0.0	0.0			
		0.6	0.0	0.0	0.0			
COLUMN TOTAL		13	0	1	1	16		
		85.3	1.3	8.3	5.1	100.0		

LOCURRANCE TABLES

FILE MF1 ICECREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE EPIE LRIS

LAND CAPABILITY CLASS, WITH LIMITS

C R G S T A B U L A T I O N C F

BY LU

MAJOR LAND USE CATEGORIES

CONTROLLING FOR...

BASEIN

SAMPLING STATION BASIN

VALUE =

25. M.L., TRIB AICH

PAGE 1 OF 1

LU

COUNT

ROM PCT

CUL PCT

TOT PCT

1.1

3.1

4.1

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COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE ERIC LRIS
 C R O S S T A B U L A T I O N U F D R I N A G E C H A R A C T E R I S T I C S C O D E

LU MAJOR LAND USE CATEGORIES VALUE = 25. H.C. TRIB AICH PAGE 1 OF 1
 CONTROLLING FUR.....
 BASIN SAMPLING STATION HASIN

LRCU

COUNT	VERYPOOR		POORLY		SEMIPOOR		MOD-HELL		ROM	
	RUM PCT	COL PCT	CRAINED	DRAINED	CRAINED	DRAINED	CRAINED	DRAINED	TOTAL	TOTAL
101 PCT	1.1	1.1	2.1	3.1	3.1	4.1	4.1	4.1	4.1	4.1
1.	0	3	3	10	0	13	0	13	0	13
	3.8	21.1	74.4	0.8	0.8	85.3	0.8	85.3	0.8	85.3
CROPLAND	100.0	77.8	86.6	100.0	100.0	0.6	0.6	0.6	0.6	0.6
	3.2	17.9	63.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
3.	0	0	0	0	0	0	0	0	0	0
PASTURE	0.0	50.0	50.0	0.0	0.0	1.3	0.0	1.3	0.0	1.3
	0.0	2.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	0	1	1	1	0	1	0	1	0	1
FOREST	0.0	38.5	61.5	0.0	0.0	0.3	0.0	0.3	0.0	0.3
	0.0	13.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	3.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	0	0	1	1	0	1	0	1	0	1
CITY	0.0	25.0	75.0	0.0	0.0	5.1	0.0	5.1	0.0	5.1
	0.0	5.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	3.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	3.2	23.1	73.1	0.6	0.6	16	0.6	16	0.6	16
TOTAL	3.2	23.1	73.1	0.6	0.6	100.0	0.6	100.0	0.6	100.0

CODCURRENCE TABLES

FILE #1 (CREATION DATE = 11/07/77) BUFFALO DIST., LJE LAKE ERIE LRIS

LU MAJOR LANG USE CATEGORIES C R U S T A H U L A T I O N C F

CONTRACTING FUN. INTRINSIC ERUDABILITY

BASIN SAMPLING STATION BASIN

VALUE = 25. H.C. TRIB AICH

PAGE 1 OF 1

PFAC

LU	COUNT		C.28		0.37		C.43		RUN	
	RON PCT	CUL PCT	TOT PCT	0.281	0.371	0.431	TOTAL	0.37	C.43	TOTAL
CROPLAND	1.	1.	1.	4.5	93.2	2.3	13	13	85.3	
				100.0	84.4	100.0				
PASTURE	3.	0	0	3.8	19.5	1.9	0	0	0	
				0.0	100.0	0.0	0	0	0	
FOREST	4.	0	0	0.0	1.4	0.0	1.3	1.3	0.0	
				0.0	100.0	0.0	0.0	0.0	0.0	
OTHER	6.	0	0	0.0	8.8	0.0	1	1	5.1	
				0.0	100.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL		3.8	15	94.2	1.5	16	100.0			

CORRELATION TABLES

FILE #1 CREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON C R U S T A B U L A T I O N U F D O N U R B A N S L O P E V A L U E

CONTROLLING FOR... 14. MONEY CR UP SIL
BASIN SAMPLING STATION BASIN VALUE =

PAGE 1 OF 1

TEXT	SLOPE											ROM TOTAL
	COUNT	1.0	2.0	3-5	4-8	9-11	10-01	10-01	10-01	10-01	10-01	
SILTY CLAY	ROM PCT	0.2	0.5	1.0	2.0	3-5	4-8	9-11	10-01	10-01	10-01	0
	TOT PCT	0.2	0.5	1.0	2.0	3-5	4-8	9-11	10-01	10-01	10-01	
SILTY CLAY	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SILT/CLAY/LOAM	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
LOAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SILTY LOAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FN SANDY/LOAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MUCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	10	10	10	10	10	10	10	10	10	10	10	110
	8.2	8.9	48.6	5.7	26.2	0.5	1.4	2	100.0			

CDE LRIS CROSSTABS UPDATE

FILE #61 ICREATION DATE = 11/10/78) BUFFALO DIST.,CUE LAKE ERIE LRIS

PERM PERMEABILITY,LOW VALUE IN HORIZ.,IN P HR BY SLOPE DOWN URBAN SLOPE VALUE

CONTRACILLING FOR..
BASIN SAMPLING STATION BASIN

VALUE = 14. HONEY CR UP SIL

PAGE 1 OF 1

SLOPE

COUNT	SLOPE										RCM TOTAL
	0.2	0.5	1.0	2.0	3-5	6-8	9-11	10.01	10.01		
ROW PCT	COL PCT	COL PCT	COL PCT	COL PCT	COL PCT	COL PCT	COL PCT	COL PCT	COL PCT	COL PCT	
PERM	2	0	52	7	24	0	0	0	0	86	
BELC .01 TO 0.09	2.2	0.3	60.7	7.8	28.4	0.1	0.1	0.5	0.5	73.6	
	20.2	2.9	91.6	100.0	79.5	9.1	23.5				
	1.6	0.3	44.7	5.7	20.9	0.1	0.3				
BELC .20 TO 0.59	7	4	4	0	5	1	1	1	1	22	
	32.3	16.6	17.1	0.0	23.5	4.6	6.0	6.0	18.5		
	74.5	35.0	6.5	0.0	16.6	90.9	76.5				
	6.0	3.1	3.2	0.0	4.4	0.9	1.1				
BELC .60 TO 1.9	0	6	1	0	1	0	0	0	0	8	
	5.9	75.3	5.4	0.0	9.4	0.0	0.0	0.0	7.3		
	5.3	62.1	1.4	0.0	2.6	0.0	0.0	0.0			
	0.4	5.5	6.7	0.0	0.7	0.0	0.0	0.0			
BELC 2.0 TO 5.9	0	0	0	0	0	0	0	0	0	1	
	0.0	0.0	42.5	0.0	57.1	0.0	0.0	0.0	0.6		
	0.0	0.0	0.5	0.0	1.3	0.0	0.0	0.0			
	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0			
COLUMN TOTAL	9	10	57	7	31	1	2	117	100.0		
	8.0	8.8	48.8	5.7	26.3	0.9	1.5				

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/70) BUFFALO DIST., COE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CROSS TABULATION OF DON URBAN SLOPE VALUE

CONTROLLING FTM. BASIN SAMPLING STATION BASIN

VALUE = 14. MONEY CR UP SIL

PAGE 1 OF 1

SLOPE									
COUNT	ROW PCT	LESS THAN 0.5	1.0	2.0	3-5	6-8	9-11	ROW TOTAL	
COL PCT	0.2	0.51	1.01	2.01	4.01	7.01	10.01		
TOT PCT	0.21	0.51	1.01	2.01	4.01	7.01	10.01		
1.	9	6	47	5	27	1	2	98	
CROPLAND	8.8	6.7	46.6	5.6	27.7	1.0	1.6	83.0	
	89.6	61.9	82.9	82.1	87.7	90.9	94.1		
	7.3	5.5	40.3	4.7	23.0	0.9	1.4		
3.	0	0	0	0	0	0	0	1	
PASTURE	0.0	0.0	42.9	14.3	42.9	0.0	0.0	0.6	
	0.0	0.0	0.5	1.5	1.0	0.0	0.0		
	0.0	0.0	0.3	0.1	0.3	0.0	0.0		
4.	1	1	6	1	2	0	0	11	
FOREST	6.1	12.3	95.3	6.1	18.4	0.9	0.9	9.7	
	7.3	13.3	11.0	10.4	6.8	9.1	5.5		
	6.6	1.2	5.4	0.3	1.8	0.1	0.1		
5.	0	0	0	0	0	0	0	1	
WATER	16.7	50.0	16.7	16.7	0.0	0.0	0.0	0.5	
	1.0	2.9	0.2	1.5	0.0	0.0	0.0		
	0.1	0.3	0.1	0.1	0.0	0.0	0.0		
6.	0	2	3	0	1	0	0	7	
OTHER	2.7	31.5	42.5	4.1	19.2	0.0	0.0	6.2	
	2.1	21.9	5.4	4.5	4.5	0.0	0.0		
	0.2	2.0	2.6	0.3	1.2	0.0	0.0		
COLUMN TOTAL	10	10	57	7	31	1	2	118	
TOTAL	0.2	8.9	48.6	5.7	26.2	0.9	1.4	100.0	

CHI SQUARE = 8.07251 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 0.9990
CRAMER'S V = 0.13100

CHI SQUARE = 8.07251 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 0.9990

CRAMER'S V = 0.13100

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO CIST., LUE LAKE ERIE LRIS

SLOPE DOWN UREAN SLOPE VALUE

CONTROLLING FUR..

BASEIN SAMPLING STATION BASIN

BY KFAC

VALUE =

14. MONEY CR UP SIL

PAGE 1 OF 1

KFAC

COUNT														ROW
ROW	PCF	10.10	0.17	C.20	0.24	0.28	0.32	0.37	0.43					TOTAL
CUL	PCF	0.101	0.171	C.201	0.241	0.281	0.321	0.371	0.431					
TOT	PCF	0.2	0.5	1.0	2.0	3-5	6-8	9-11	COLUMN					TOTAL
LESS THAN	0.2	0	0	C	2	7	0	0	0					9
		2.2	0.0	C.C	19.4	78.5	0.0	0.0	0.0					7.9
		6.2	0.0	C.C	64.3	58.4	0.0	0.0	0.0					0.0
		0.2	0.0	C.C	1.5	6.2	0.0	0.0	0.0					0.0
		3	0	C	1	2	2	2	0					10
		28.6	0.0	C.C	8.6	23.8	20.0	19.0	0.0					9.0
		91.7	0.0	0.0	32.1	20.0	45.7	3.5	0.0					0.0
		2.6	0.0	0.0	0.8	2.1	1.8	1.7	0.0					0.0
		0	0	C	0	3	1	39	14					57
		0.0	0.3	C.C	0.0	4.7	2.1	68.2	24.1					48.8
		0.0	100.0	100.0	0.0	21.6	26.1	68.2	37.8					7
		0.0	0.2	0.0	0.0	2.3	1.0	33.2	11.8					9.7
		0	0	C	0	0	0	0	0					6
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					97.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					17.8
		0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0					5.5
		0	0	C	0	0	1	14	16					31
		0.0	0.0	C.C	0.3	0.0	3.6	45.1	51.0					26.3
		0.0	0.0	0.0	3.6	0.0	23.9	24.3	43.0					0.9
		0.0	0.0	C.C	0.1	0.0	0.9	11.8	13.4					1
		0	0	C	0	0	0	1	0					0.9
		0.0	0.0	C.C	0.0	0.0	0.0	1.7	0.3					2
		0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1					1.4
		0	0	C	0	0	0	1	0					0
		0.0	0.0	C.C	0.0	0.0	0.0	76.5	23.5					1.4
		0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.1					0.3
		0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.3					117
COLUMN	TOTAL	3	0	C	3	12	5	57	36					100.0
		2.7	0.2	0.2	2.4	10.7	3.9	48.8	31.1					0.0

COOCCURRENCE TABLES

FILE MFI ICREATION DATE = 11/07/78) BUFFALO DIST.,CCF LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON C R O S S T A B U L A T I O N O F M A J O R L A N D U S E C A T E G O R I E S
CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 14. MINEY CR UP SIL PAGE 1 OF 1

COUNT LU											
TEXT	COUNT		LU						ROW TOTAL		
	ROW PCT	COL PCT	ICROPLAND	PASTURE	FOREST	WATER	OTHER				
	TOT PCT		1.1	3.1	4.1	5.1	6.1				
SILTY CLAY	1.2		0	0	0	0	0	0			
		66.7	0.0	33.3	0.0	0.0	0.0	0.3			
		0.2	0.0	0.9	0.0	0.0	0.0				
		0.2	0.0	0.1	0.0	0.0	0.0				
SILTCLAYLOAM	2.1		21	0	3	0	1	25			
		83.6	0.4	10.8	0.8	4.4	21.3				
		21.4	14.3	23.7	33.3	15.1					
		17.8	0.1	2.3	0.2	0.9					
LOAM	3.1		2	0	0	0	0	2			
		97.5	0.0	9.5	0.0	0.0	1.8				
		1.9	0.0	1.8	0.0	0.0					
		1.6	0.0	0.2	0.0	0.0					
SILTY LOAM	3.2		73	1	8	0	4	86			
		84.4	0.7	9.7	0.5	4.7	73.5				
		74.7	85.7	73.7	66.7	56.2					
		62.0	0.5	7.1	0.3	3.5					
FN SANDYLOAM	4.2		1	0	0	0	0	1			
		100.0	0.0	0.0	0.0	0.0	0.5				
		0.6	0.0	0.0	0.0	0.0					
		0.5	0.0	0.0	0.0	0.0					
MUCK	6.1		1	0	0	0	2	3			
		34.4	0.0	0.0	0.0	0.0	45.6	2.7			
		1.1	0.0	0.0	0.0	0.0	28.8				
		0.9	0.0	0.0	0.0	0.0	1.8				
COLUMN TOTAL		98	1	11	1	7	118				
TOTAL		83.0	0.6	9.7	0.5	6.2	100.0				

CHI SQUARE = 20.50879 WITH 20 DEGREES OF FREEDOM SIGNIFICANCE = 0.4265
CRAMER'S V = 0.20880

CCE LPIIS CROSSTABS UPDATE

FILE MFI (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE CRIS

PERM PERMEABILITY, LOW VALUE IN HGRIZ., IN P HR CROSSTABULATION CF MAJOR LAND USE CATEGORIES

CONROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 14. MCNEY CR UP SIL

PAGE 1 OF 1

		LU									
		COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW TOTAL			
PERM	COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1				
2.1	72	1	1	5	0	0	4	86			
BELC .01 TO 0.09	83.7	0.7	10.1	0.3	5.2	61.6	73.6				
4.1	74.3	85.7	76.2	50.0	61.6	3.8	22				
6.1	61.6	0.5	7.4	0.3	3.8	18.5	0				
BELO .20 TO 0.59	19	0	1	0	1	1	10.5				
8.1	89.4	0.5	6.5	0.0	3.2	0.6	0				
10.1	20.0	14.3	13.2	0.0	9.6	0.6	0				
12.1	16.6	0.1	1.3	0.0	0.6	0	0				
14.1	5	0	1	0	2	0	0				
BELO .60 TO 1.9	58.8	0.0	12.9	3.5	24.7	7.3	0				
16.1	5.1	0.0	9.6	50.0	28.8	1.8	0				
18.1	4.3	0.0	0.5	0.3	1.8	0	0				
20.1	1	0	0	0	0	0	0				
BELO 2.0 TO 5.9	95.7	0.0	14.3	0.0	0.0	0.6	0				
22.1	0.6	0.0	0.9	0.0	0.0	0.0	0				
24.1	0.5	0.0	0.1	0.0	0.0	0.0	0				
COLUMN TOTAL	97	1	11	9.7	0.5	6.2	117				
	82.9	0.6	9.7	0.5	6.2	100.0					

COLLOCUMENCE TABLES

FILE M1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

LAND CAPABILITY CLASS, WITH LIMITS CROSS TABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FUR-
BASIN SAMPLING STATION BASIN

VALUE = 14. MONEY CR UP SIL

PAGE 1 OF 2

CAP	COUNT		CROPLAND	PASTURE	FOREST	WATER	OTHER	TOTAL	RUM
	RUM PCT	LUL PCT							
	1.1	3.1	4.1	5.1	6.1				
1	75.0	0.0	25.0	0.0	0.0	0.0	1.0		
	0.9	0.0	2.6	0.0	0.0	0.0			
	0.8	0.0	0.3	0.0	0.0	0.0			
2	0	0	0	0	0	0	0		
2S	100.0	0.0	0.0	0.0	0.0	0.0	0.3		
	0.4	0.0	0.0	0.0	0.0	0.0			
	0.3	0.0	0.0	0.0	0.0	0.0			
3	19	0	2	0	1	1	22		
2E	87.6	0.9	7.3	0.0	4.1	18.5			
	19.6	28.6	14.6	0.0	12.3				
	16.2	0.2	1.6	0.0	0.8				
4	51	0	7	0	3	62			
2M	82.6	0.6	10.6	0.5	5.5	52.6			
	52.4	57.1	58.8	50.0	46.6				
	43.5	0.3	5.7	0.3	2.9				
5	0	0	0	0	0	0			
3S	100.0	0.0	0.0	0.0	0.0	0.2			
	0.2	0.0	0.0	0.0	0.0				
	0.2	0.0	0.0	0.0	0.0				
6	3	0	0	0	0	3			
3E	96.9	0.0	3.1	0.0	0.0	2.7			
	3.2	0.0	0.5	0.0	0.0				
	2.6	0.0	0.1	0.0	0.0				
7	15	0	2	0	1	18			
3M	81.1	0.6	12.6	1.7	3.9	15.3			
	15.0	14.3	20.2	50.0	9.6				
	12.4	0.1	2.0	0.3	0.6				
COLUMN TOTAL	98	1	11	1	7	118			
TOTAL	83.0	0.6	9.7	0.5	6.2	100.0			

(CONTINUED)

CODCURRENCE TABLES

FILE NFL (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N L F MAJOR LAND USE CATEGORIES

CAP LAND CAPABILITY CLASS WITH LPTS UV LU

CONTROLLING FUR. BASIN SAMPLING STATION BASIN VALUE = 14. HONEY CR UP SIL

..... PAGE 2 OF 2

CAP	COUNT										ROW TOTAL
	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	
4W	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
5W	92.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
6W	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
COLUMN TOTAL	98	1	1	1	1	1	1	1	1	1	118
ROW TOTAL	83.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	100.0

CHI SQUARE = 25.73080 WITH 36 DEGREES OF FREEDOM SIGNIFICANCE = 0.8977

CRAMER'S V = 0.23388

CULCURENCE TABLES

FILE MFI CREATION DATE = 11/07/70) BUFFALO DIST., CODE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CROSSTABULATION CF DRAINAGE CHARACTERISTICS CODE

CONTROLLING FUR.. BASIN SAMPLING STATION BASIN VALUE = 14. PCNEY CR UP SIL PAGE 1 OF 1

CRCD

LU	COUNT		EVERYPOOR		POORLY		SCHEPLER MOD-WELL		RUM	
	ROW PCT	COL PCT	TRAINED	UNTRAINED	TRAINED	UNTRAINED	TRAINED	UNTRAINED	TOTAL	TOTAL
CROPLAND	1.	12	14	61	8	2	58			
		12.6	14.5	63.0	8.0	1.4	83.0			
		75.0	83.5	83.8	90.7	81.8				
PASTURE	3.	0	0	0	0	0	0			
		0.0	0.0	0.0	0.0	0.0	0.0			
		0.0	0.1	0.4	0.1	0.0	0.0			
FOREST	4.	1	2	1	0	0	11			
		11.4	16.7	64.0	4.4	3.5	9.7			
		7.9	11.2	9.5	5.8	18.2				
WATER	5.	1	1	6	0	0	0			
		33.3	16.7	50.0	0.0	0.0	0.5			
		1.2	0.6	0.4	0.0	0.0	0.0			
CITY	6.	3	1	4	0	0	7			
		35.6	9.6	52.1	2.7	0.0	6.2			
		15.9	4.1	5.2	2.3	0.0				
COLUMN TOTAL	16	17	72	9	2	118				
	13.9	14.5	62.4	7.3	1.9	100.0				

COCCUPRECE TABLES

FILE MFI ICREATION DATE = 11/07/78) BUFFALO DIST. LUE LAKE ERIE LUIS

MAJOR LAND USE CATEGORIES C R D S T A U L A T I O N U F I N I R I N S T C E R G A B I L I T Y

CONTROLLING FUR... HY RFAC VALUE = 14. MONEY CM UP SIL PAGE 1 OF 1

RFAC

LU	COUNT	0.10	0.17	0.20	0.24	0.28	0.32	0.37	0.43	ROW TOTAL
	RUM PCT	0.101	0.171	0.201	0.241	0.281	0.321	0.371	0.431	
	CCL PCT									
	TOT PCT									
CROPLAND	1.	1.1	0.2	0.3	2.5	11.0	4.0	49.1	31.8	57
		34.4	100.0	100.0	85.7	85.6	84.8	83.6	84.7	82.9
		0.9	0.2	0.3	2.0	9.1	3.3	40.8	26.3	
PASTURE	3.	0	0	0	0	0	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	57.1	42.9	0.6
		0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	
		0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	
FOREST	4.	0	0	0	0	1	0	6	3	11
		0.0	0.0	0.0	2.6	12.3	2.6	51.8	30.7	9.7
		0.0	0.0	0.0	10.7	11.2	6.5	10.3	9.6	
		0.0	0.0	0.0	0.3	1.2	0.3	5.0	3.0	
WATER	5.	0	0	0	0	0	0	0	0	1
		0.0	0.0	0.0	16.7	16.7	0.0	50.0	16.7	0.5
		0.0	0.0	0.0	3.6	0.8	0.0	0.5	0.3	
		0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.1	
OTHER	6.	2	0	0	0	0	0	3	2	7
		28.8	0.0	0.0	0.0	4.1	5.5	38.4	23.3	6.2
		65.6	0.0	0.0	0.0	2.4	8.7	4.9	4.7	
		1.8	0.0	0.0	0.0	0.3	0.3	2.4	1.4	
COLUMN TOTAL		2.7	0.2	0.3	2.4	12.7	3.9	48.8	31.1	117
										100.0

COCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST. COE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON C P O S T A B U L A T I O N U F DUN URBAN SLOPE VALUE

CONTRILLING FOR.. VALUE = 24. H.C. IRIB SILVER

BASIN SAMPLING STATION BASIN VALUE = 24. H.C. IRIB SILVER

PAGE 1 OF 1

SLOPE												
TEXT	COUNT		ROW PCT		LESS THAN		1.0		3-5		9-11	ROW TOTAL
	CUL PCT	TOT PCT	0.2	0.5	0.21	0.51	1.04	4.01	10.01			
SILTCLAYLGM	2.1		0	0	0	0	0	0	0	0	0	
			40.0	40.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
			100.0	50.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
LOAM	3.1		0	0	0	0	0	0	0	0	0	
			0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.9
			0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	
SILTY LOAM	3.2		0	0	0	0	0	0	0	0	0	
			0.0	1.9	44.5	49.5	3.7	0	0	0	0	11
			0.0	50.0	98.0	98.1	100.0	0	0	0	0	94.7
COLUMN TOTAL			0	0	0	0	5	5	0	0	0	11
			1.8	3.5	43.4	47.8	3.5	0	0	0	0	100.0

COOCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/79) BUFFALO DIST., CCE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R O S S T A B U L A T I O N O F D O N U R B A N S L O P E V A L U E
CONTROLLING FOR...
BASIN SAMPLING STATION BASIN VALUE = 24. H.C. TRIB SILVER
PAGE 1 OF 1

LU	SLOPE										ROW TOTAL
	COUNT	1.0	3-5	9-11	10.01	10.01	10.01	10.01	10.01	10.01	
	ROW PCT	1.0	3.5	47.8	3.5	100.0					
	COL PCT	1.0	3.5	47.8	3.5	100.0					
	TOT PCT	1.0	3.5	47.8	3.5	100.0					
CROPLAND	1.	0	0	4	5	0	0	0	0	10	87.6
	2.0	3.0	41.4	49.5	4.0	0	0	0	0	0	0
	100.0	75.0	83.7	90.7	100.0	0	0	0	0	0	0
	1.8	2.7	36.3	43.4	3.5	0	0	0	0	0	0
FOREST	4.	0	1	0	0	0	0	0	0	1	9.7
	0.0	9.1	63.6	27.3	0.0	0	0	0	0	0	0
	0.0	25.0	14.3	5.6	0.0	0	0	0	0	0	0
	0.0	0.9	6.2	2.7	0.0	0	0	0	0	0	0
OTHER	6.	0	0	0	0	0	0	0	0	0	2.7
	0.0	0.0	33.3	66.7	0.0	0	0	0	0	0	0
	0.0	0.0	2.0	3.7	0.0	0	0	0	0	0	0
	0.0	0.0	0.9	1.8	0.0	0	0	0	0	0	0
COLUMN TOTAL	0	0	5	5	0	0	0	0	0	11	100.0
	1.8	3.5	43.4	47.8	3.5	100.0					

CHI SQUARE = 0.44367 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 0.9999
CRAMER'S V = 0.14011

COCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/1981 BUFFALO DIST., COE LAKE ERIE LRIS

..... C R C S T A B U L A T I O N C F INTRINSIC PROBABILITY

..... URM URMAN SLOPE VALUE

..... CONTROLLING FUR...
BASIN SAMPLING STATION BASIN

..... VALUE = 24. H.C. TRIB SILVER PAGE 1 OF 1

		PFAC					ROW	
SLOPE	COUNT	C.28	0.32	C.37	0.43		TOTAL	
	ROW PCT							
	CUL PCT	0.281	0.321	C.371	0.431			
LESS THAN 0.2	TOT PCT	0	0	C	0		0	
		0	0	0	0		1.8	
0.5	100.0	0.0	0.0	0.0	0.0		0.0	
	50.0	0.0	0.0	0.0	0.0		0.0	
1.0	1.8	0.0	0.0	0.0	0.0		0.0	
	0	0	0	C	0		0	
3-5	50.0	0.0	0.0	50.0	0.0		3.5	
	50.0	0.0	0.0	4.2	0.0		0.0	
9-11	1.8	0.0	0.0	1.8	0.0		0.0	
	0	0	0	3	2		5	
3-5	0.0	0.0	0.0	55.1	44.9		43.4	
	0.0	0.0	0.0	56.2	36.7		0.0	
9-11	0.0	0.0	0.0	23.5	19.5		0.0	
	0	0	0	1	4		5	
3-5	0.0	0.0	1.9	27.8	70.4		47.8	
	0.0	100.0	31.2	63.3			0.0	
9-11	0.0	0.0	13.3	33.6			0.0	
	0	0	C	0	0		0	
9-11	0.0	0.0	100.0	0.0	0.0		3.5	
	0.0	0.0	8.3	0.0	0.0		0.0	
9-11	0.0	0.0	3.1	0.0	0.0		0.0	
	0.0	0.0	0.0	0.0	0.0		0.0	
COLUMNS		0	0	5	6		11	
TOTAL		3.5	0.9	42.5	53.1		100.0	

COOCCURRENCE TABLES

FILE MF1 ICURATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXT FEATURE OF SURFACE HORIZON C R O S S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 24. H.C. TRIB SILVER PAGE 1 OF 1

TEXT	COUNT				ROW TOTAL
	COL PCT	ICROPLAND	FOREST	OTHER	
	TOT PCT	1.1	4.1	6.1	
SILTCLAYLOAM	2.1	0	0	0	0
		100.0	0.0	0.0	4.4
		5.1	0.0	0.0	
		4.4	0.0	0.0	
LOAM	3.1	0	0	0	0
		100.0	0.0	0.0	0.9
		1.0	0.0	0.0	
		0.9	0.0	0.0	
SILTY LOAM	3.2	9	1	0	11
		86.9	10.3	2.8	94.7
		93.9	100.0	100.0	
		62.3	9.7	2.7	
COLUMN TOTAL	10	1	0		11
	87.6	9.7	2.7		100.0

CHI SQUARE = 0.08961 WITH 4 DEGREES OF FREEDOM SIGNIFICANCE = 0.9990
CRAMER'S V = 0.06297

COE LRIS CROSSTABS UPDATE

FILE MFI (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR BY LU C R C S S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES

CONTRACTING FOR. BASIN SAMPLING STATION BASIN VALUE = 24. H.C. TRID SILVER

PAGE 1 OF 1

		LU						
		COUNT		CROPLAND FOREST			OTHER	
		ROW PCT	COL PCT					
		TOT PCT	TOT PCT	1.1	4.1	6.1		
PERM								
BELO .01 TO 0.09		2.0	86.5	10.4	3.1	10		
			83.8	90.9	100.0			
			73.5	8.8	2.7			
BELO .20 TO 0.59		4.0	100.0	0.0	0.0	12.4		
			14.1	0.0	0.0			
			12.4	0.0	0.0			
BELO .60 TO 1.9		5.0	66.7	33.3	0.0	2.7		
			2.0	9.1	0.0			
			1.8	0.9	0.0			
COLUMN TOTAL		10	97.6	9.7	2.7	100.0		

COCCURRENCE TABLES

FILE #81 CREATION DATE = 1/17/77B) BUFFALO DIST., LUE LAKE ERIE LMIS

LAND CAPABILITY CLASS WITH LIMITS BY LU MAJOR LAND USE CATEGORIES

CONFLICTING FUR. BASIN SAMPLING STATION MASIN VALUE = 24. P.C. TRIB SILVER PAGE 1 OF 1

CAP	LU									
	COUNT	NUM PCT	1	2	3	4	5	6	7	8
	NUM PCT	1	2	3	4	5	6	7	8	TOTAL
	TOT PCT	1.1	4.1	6.1						
2E	3.	88.4	7.0	4.7	38.1					
		38.4	27.3	66.7						
		33.6	2.7	1.6						
2N	4.	85.5	12.5	2.1	42.5					
		41.4	54.5	33.3						
		36.3	5.3	0.5						
3E	6.	100.0	0.0	0.0	5.3					
		6.1	0.0	0.0						
		5.3	0.0	0.0						
3M	7.	85.7	14.3	0.0	12.4					
		12.1	18.2	0.0						
		10.8	1.8	0.0						
5M	13.	100.0	0.0	0.0	1.0					
		2.0	0.0	0.0						
		1.8	0.0	0.0						
COLUMN TOTAL	10	87.6	9.7	2.7	100.0					
CHI SQUARE =	0.32534 WITH	8 DEGREES OF FREEDOM	SIGNIFICANCE =	1.0000						
CRAMER'S V =	0.11598									

COCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/79) BUFFALO DIST - CUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R G S T A B U L A T I U N L F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 24. H.C. TR18 SILVER

UY URGO

PAGE 1 OF 1

ERGO

	COUNT		VERYPOOR		POORLY		SCHEPCLER		MUD-HELL		RUM	
	ROW PCT	COL PCT	ERAINED	GRAINED	ERAINED	GRAINED	ERAINED	GRAINED	ERAINED	GRAINED	TOTAL	TOTAL
LU	1.0	1.0	0	1	1	1	1	1	1	1	10	87.6
CROPLAND	2.0	13.1	73.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	87.6
	100.0	106.7	85.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1.0	11.5	64.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
FLRST	0	0	0	1	1	1	1	1	1	1	1	9.7
	0.0	13.3	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
	0.0	1.8	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GTHER	0	0	0	0	0	0	0	0	0	0	0	2.7
	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.0	0.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
COLUMN TOTAL	0	13.3	75.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7	100.0	100.0

COOCCURRENCE TABLES

FILE MF1 ILREPTCN DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LR15

LU MAJOR LAND USE CATEGORIES LU SUBSTANTIALITY OF KFAU INTRINSIC EMERGIBILITY

CONTROLLING FOR... LU MAJOR LAND USE CATEGORIES LU SUBSTANTIALITY OF KFAU INTRINSIC EMERGIBILITY

EASIN SAMPLING STATION HASIN VALUE = 24% H-C. TRIB SILVER

PAGE 1 OF 1

REAL

LU	COUNT					PCT					TOTAL				
	RUM	COL	TOT	CRE	FOR	RUM	COL	TOT	CRE	FOR	RUM	COL	TOT	CRE	FOR
1.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.	4.0	100.0	100.0	43.4	85.6	4.0	100.0	100.0	43.4	85.6	4.0	100.0	100.0	43.4	85.6
3.	3.5	0.9	0.9	38.1	45.1	3.5	0.9	0.9	38.1	45.1	3.5	0.9	0.9	38.1	45.1
4.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	0.0	0.0	0.0	45.2	54.5	0.0	0.0	0.0	45.2	54.5	0.0	0.0	0.0	45.2	54.5
6.	0.0	0.0	0.0	10.4	10.0	0.0	0.0	0.0	10.4	10.0	0.0	0.0	0.0	10.4	10.0
7.	0.0	0.0	0.0	4.4	5.3	0.0	0.0	0.0	4.4	5.3	0.0	0.0	0.0	4.4	5.3
8.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3.5	0.9	0.9	42.5	53.1	3.5	0.9	0.9	42.5	53.1	3.5	0.9	0.9	42.5	53.1

COCCURRENCE TABLES

FILE MP1 CREATION DATE = 11/07/761 BUFFALO DIST., CUE LAKE EMIE LAIS

TEXTURE OF SURFACE HORIZON C R D S T A B U L A T I O N C F O U N U R B A N S L O P E V A L U E

CONTRILLING FOM... BASIN SAMPLING STATION BASIN VALUE = 23. M.C. TRIG SILVER PAGE 1 OF 1

TEXT	SLOPE										RUM TOTAL
	COUNT	FROM PCT	LESS THAN	0.5	1.0	3-5	9-11	10-01	10-01		
	LOL PCT	0.2	0.21	0.51	1.01	1.01	4.01	10.01			
	TOT PCT										
SILTCLAYLOAM	2.1	0	0	0	0	0	0	0	0	1	6.5
		30.0	20.0	50.0	50.0	0.0	0.0	0.0	0.0		
		75.0	25.0	6.7	0.0	0.0	0.0	0.0	0.0		
		1.9	1.3	3.2	0.0	0.0	0.0	0.0	0.0		
LOAM	3.1	0	0	0	0	0	0	0	0	0	0.6
		0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0		
		0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0		
		0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0		
SILTY LOAM	3.2	0	0	0	0	0	0	0	0	14	92.3
		0.0	4.2	49.0	44.1	44.1	2.8	100.0			
		0.0	75.0	93.3	98.4	100.0					
		0.0	3.9	45.2	40.6	2.6					
PUCK	6.1	0	0	0	0	0	0	0	0	0	0.6
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
		25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
		0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
COLUMN TOTAL		0	1	1	1	6	6	2.6	0	15	100.0
		2.6	5.2	48.4	41.3						

CONTRACTING FOR...		VALUE =	23. M.C. TRIB SILVER	PAGE 1 OF 1
BASIN	SAMPLING STATION BASIN			

162

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

CU MAJOR LAND USE CATEGORIES CROSS TABULATION OF DON URBAN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 23. H.C. TRIB SILVER

PAGE 1 OF 1

COUNT	SLOPE										ROW TOTAL
	COUNT										
	ROW PCT	1.0	3-5	9-11	10.01	10.01	10.01	10.01	10.01	10.01	
1.	1.	0.21	0.51	1.01	4.01	10.01	10.01	10.01	10.01	10.01	13
2.	2.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.5
3.	3.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
4.	4.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
5.	5.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3
6.	6.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
7.	7.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
8.	8.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
9.	9.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
10.	10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
11.	11.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
12.	12.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
13.	13.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
14.	14.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
15.	15.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
16.	16.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
17.	17.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
18.	18.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
19.	19.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
20.	20.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
21.	21.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
22.	22.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
23.	23.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
24.	24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
25.	25.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
26.	26.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
27.	27.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
28.	28.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
29.	29.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
30.	30.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
31.	31.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
32.	32.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
33.	33.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
34.	34.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
35.	35.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
36.	36.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
37.	37.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
38.	38.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
39.	39.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
40.	40.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
41.	41.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
42.	42.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
43.	43.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
44.	44.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
45.	45.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
46.	46.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
47.	47.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
48.	48.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
49.	49.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
50.	50.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
51.	51.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
52.	52.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
53.	53.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
54.	54.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
55.	55.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
56.	56.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
57.	57.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
58.	58.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
59.	59.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
60.	60.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
61.	61.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
62.	62.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
63.	63.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
64.	64.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
65.	65.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
66.	66.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
67.	67.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
68.	68.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
69.	69.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
70.	70.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
71.	71.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
72.	72.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
73.	73.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
74.	74.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
75.	75.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
76.	76.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
77.	77.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
78.	78.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
79.	79.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
80.	80.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
81.	81.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
82.	82.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
83.	83.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
84.	84.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
85.	85.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
86.	86.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
87.	87.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
88.	88.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
89.	89.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
90.	90.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
91.	91.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
92.	92.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
93.	93.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
94.	94.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
95.	95.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
96.	96.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
97.	97.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
98.	98.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
99.	99.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
100.	100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

CHI SQUARE = 1.39744 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 0.9943

CRAMER'S V = 0.21232

COOCCURRENCE TABLES

FILE MFI 11/07/101 BUFFALO DIST. CUE LAKE ERIE LRIS

***** C R G S T A B U L A T I U A C F ***** INTRINSIC ERGOCALCITY *****

SLOPE DUN URBAN SLOPE VALUE BY REAC VALUE = 23. H-C, TRIB SILVER PAGE 1 OF 1

COUNT		PFAC											ROW	
ROW PCT		C.10	0.24	C.28	0.32	0.37	0.43						TOTAL	
COL PCT		0.101	0.241	0.281	0.321	0.371	0.431						C.431	
TOT PCT		0.101	0.241	0.281	0.321	0.371	0.431							
SLOPE		0.2	0	0	0	0	0							
LESS THAN 0.2		25.0	25.0	50.0	0.0	0.0	0.0						0	
		100.0	100.0	50.0	0.0	0.0	0.0						2.6	
		0.6	0.6	1.2	0.0	0.0	0.0						0.0	
0.5		0	0	0	0	0	0						1	
		0.0	0.0	25.0	0.0	75.0	0.0						5.2	
		0.0	0.0	50.0	0.0	7.2	0.0						0.0	
		0.0	0.0	1.3	0.0	3.9	0.0						0.0	
1.0		0	0	0	0	0	0						7	
		0.0	0.0	0.0	0.0	66.7	33.3						48.4	
		0.0	0.0	0.0	0.0	60.2	38.5							
		0.0	0.0	0.0	0.0	32.3	16.1							
3-5		0	0	0	0	0	0						6	
		0.0	0.0	0.0	1.6	35.9	62.5						41.3	
		0.0	0.0	0.0	100.0	27.7	61.5							
		0.0	0.0	0.0	0.0	14.8	25.8							
9-11		0	0	0	0	0	0						0	
		0.0	0.0	0.0	0.0	100.0	0.0						2.6	
		0.0	0.0	0.0	0.0	4.8	0.0						0.0	
		0.0	0.0	0.0	0.0	2.6	0.0						0.0	
COLUMN TOTAL		0.6	0.6	2.6	0.6	53.5	41.9						100.0	

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON CROSS TABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 23. H.C. TRIB SILVER

PAGE 1 OF 1

		ZUNY LU				ROW TOTAL	
		ROW PCT	ICROPLAND	FOREST	OTHER	ROW PCT	TOTAL
TEXT		TOT PCT	1.1	4.1	6.1	TOT PCT	
SILT/CLAY/LOAM	2.1	90.0	10.0	0.0	0.0	1	6.5
	6.7	6.3	0.0	0.0	0.0		
	5.8	0.6	0.0	0.0	0.0		
LOAM	3.1	100.0	0.0	0.0	0.0	0	0.6
	0.7	0.0	0.0	0.0	0.0		
	0.6	0.0	0.0	0.0	0.0		
SILTY LOAM	3.2	86.7	10.5	2.8	0	14	92.3
	92.5	93.8	90.0				
	80.0	9.7	2.6				
MUCK	6.1	0	0	0	0	0	0.6
	0.0	0.0	100.0	0.0	0.0		
	0.0	0.0	20.0	0.0	0.0		
COLUMN TOTAL		13	2	0	15		
		86.5	10.3	3.2	100.0		

CHI SQUARE = 3.05813 WITH 6 DEGREES OF FREEDOM SIGNIFICANCE = 0.8015

GRAMER'S V = 0.31408

COE LRIS CROSSTABS UPDATE

FILE MF1 CREATION DATE = 11/10/1981 BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HCRIZ., IN P HR BY LU C F MAJOR LAND USE CATEGORIES

CONTRAILLING FUM. VALUE = 23. H.C. TRIB SILVER PAGE 1 OF 1

EASIN SAMPLING STATION BASIN

COUNT	LU				ROW TOTAL
	CROPLAND	FOREST	C1HER		
ROW PCT	1.1	4.1	6.1		
TOT PCT	11	1	1		13
PERM	87.1	10.6	2.3		85.7
BELC .01 TO 0.09	85.8	87.5	75.0		
	74.7	9.1	1.5		
	1	0	0		1
BELD .20 TO 0.59	100.0	0.0	0.0		9.7
	11.2	0.0	0.0		
	9.7	0.0	0.0		
	0	0	0		1
BELC .60 TO 1.9	57.1	28.6	14.3		4.5
	3.0	12.5	25.0		
	2.6	1.3	0.6		
COLUMN TOTAL	13	2	0		15
	87.0	10.4	2.6		100.0

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/78) HUFFALO CIST.,LUE LAKE ERIE LRIS

***** CROSS TABULATION OF *****
 LAND CAPABILITY CLASS WITH LITTS BY LU MAJOR LAND USE CATEGORIES
 (AP)

CCNACELLING FUR..

PASIN	SAMPLING STATION BASIN	VALUE #	23. H.C. TRIB SILVER	PAGE 1 OF 1

TU									
CAP	COUNT ROW PCT CUL PCT TOT PCT	CROPLAND 1.1	FOREST 4.1	LTHR 6.1	RUN TOTAL				
2E	3.	88.9	6.7	4.4	29.0				
		29.9	18.8	40.0					
		25.8	1.9	1.2					
2N	4.	7	1	1	8				
		85.2	12.3	2.5	52.3				
		51.5	62.5	40.0					
		44.5	6.5	1.2					
3E	6.	1	0	1	1				
		100.0	0.0	0.0	3.9				
		4.5	0.0	0.0					
		3.9	0.0	0.0					
3M	7.	2	0	1	2				
		84.2	15.8	0.0	12.3				
		11.9	18.8	0.0					
		10.2	1.9	0.0					
5M	13.	0	0	1	0				
		75.0	0.0	25.0	2.6				
		2.2	0.0	20.0					
		1.9	0.0	0.0					
COLUMN TOTAL	13	86.5	10.3	3.2	15				
					100.0				

CHI-SQUARE = 0.91677 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 0.9984
CRAMER'S V = 0.17751

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/27/78) BUFFALO DIST., QUE LAKE EPIE LRIS

LC MAJOR LAND USE CATEGORIES CROSSTABULATION C F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FUR.. BY DMLU VALUE = 23. M.C. TR18 SILVER PAGE 1 OF 1

LU	CROSS TABULATION									
	CLUNT	VERYPOOR	POORLY	SOMEPLGR	MOD.WELL	RUM				
	ROW PCT	COL PCT	IRAINED	DRAINED	DRAINED	IGIAL				
	TOT PCT	1.1	2.1	3.1	4.1					
CROPLAND	1.	0	2	10	1	13				
		2.2	12.7	76.5	8.2	86.5				
FOREST	4.	75.0	85.0	85.0	100.0					
		1.9	11.0	66.5	7.1					
OTHER	6.	0	0	1	0	2				
		0.0	18.8	81.2	0.0	10.3				
TOTAL	1	0.0	15.0	10.0	0.0					
		0.0	1.9	8.4	0.0					
TOTAL	6.	20.0	0.0	80.0	0.0	3.2				
		25.0	0.0	2.3	0.0					
TOTAL	1	0.6	0.0	2.0	0.0					
		0	2	12	1	15				
TOTAL		2.6	12.9	77.4	7.1	100.0				

COCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/781 BUFFALO CIST., COE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CROSS TABULATION OF INTRINSIC ERODIBILITY

CONTROLLING FOR... SAMPLING STATION BASIN VALUE = 23. H.C. TRIB SILVER

PAGE 1 OF 1

NEAC												
	COUNT	COLUMN						ROW TOTAL				
		1	2	3	4	5	6					
	RUM PCT	0.10	0.24	0.28	0.32	0.37	0.43					
	CCL PCT											
	TOT PCT	0.101	0.241	0.281	0.321	0.371	0.431					
LU	1.	0	0	0	0	7	6	13				
		0.0	0.7	3.0	0.7	53.7	41.8	86.5				
CROPLAND		0.0	100.0	100.0	100.0	86.7	86.2					
		0.0	0.6	2.6	0.6	46.5	36.1					
	4.	0	0	0	0	1	1	2				
		0.0	0.0	0.0	0.0	62.5	37.5	10.3				
FOREST		0.0	0.0	0.0	0.0	12.0	9.2					
		0.0	0.0	0.0	0.0	6.5	3.9					
	6.	0	0	0	0	0	0	0				
		20.0	0.0	0.0	0.0	20.0	60.0	3.2				
OTHER		100.0	0.0	0.0	0.0	1.2	4.6					
		0.6	0.0	0.0	0.0	0.6	1.9					
		0	0	0	0	8	6	15				
COLUMN TOTAL		0.6	0.6	2.6	0.6	53.5	41.9	100.0				

CCCCCURENCE TABLES

FILE MF1 LUREATION DATE = 11/07/78) BUFFALO DIST. - LUE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON C R C S T A B U L A T I O N L F DUN URBAN SLOPE VALUE

CONTROLLING FUR... BASIN SAMPLING STATION BASIN VALUE = 22. M.C. TRIO SILVER

PAGE 1 OF 1

SLOPE										
TEXT	COUNT	1.0	3-5	9-11	ROM TOTAL	1.0	3-5	9-11	ROM TOTAL	
	ROM PCT	1.0	3-5	9-11	ROM TOTAL	1.0	3-5	9-11	ROM TOTAL	
	CGL PCT	0.2	0.5	1.0	4.0	10.0				
	TOT PCT	0.2	0.5	1.0	4.0	10.0				
1.2	0	0	0	0	0	0	0	0	0	0
SILTY CLAY	0.0	100.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	10.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.4	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	0	0	0	0	0	0	0	0	0	0
SILTY LOAM	15.8	10.5	73.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75.0	20.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.3	0.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	0	0	0	0	0	0	0	0	0	0
LOAM	0.0	0.0	20.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
3.2	0	1	11	8	0	0	0	0	0	0
SILTY LOAM	0.0	3.4	53.7	40.9	2.0	0.0	0.0	0.0	0.0	0.0
	0.0	70.0	86.5	95.4	100.0	0.0	0.0	0.0	0.0	0.0
	0.0	3.0	47.2	35.9	1.7	0.0	0.0	0.0	0.0	0.0
4.2	0	0	0	0	0	0	0	0	0	0
FW SANDY LOAM	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	0	0	0	0	0	0	0	0	0	0
MUCK	100.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	0	1	12	9	0	0	0	0	0	0
	1.7	4.3	54.5	37.7	1.7	100.0				

BSM () SAMPLING STATION DESIGN () PAGE 1 OF 1

171

COOCCURRENCE TABLES

FILE MF1 ICURATION DATE = 11/07/781 BUFFALO DIST., COE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R O S S T A B U L A T I O N O F D O W N U R B A N S L O P E V A L U E

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 22. H.C. TRIB SILVER PAGE 1 OF 1

COUNT		SLOPE						
		0.2	0.5	1.0	3-5	9-11	10.01	ROW TOTAL
LU	TOT PCT	0.21	0.51	1.01	4.01	10.01	10.01	
CROPLAND	1.	0	1	10	8	0	0	19
		1.5	3.1	53.1	40.2	2.1	0	86.0
		75.0	60.0	81.7	89.7	100.0	0	
		1.3	2.6	44.6	33.8	1.7	0	
FOREST	4.	0	0	2	1	0	0	3
		0.0	10.7	67.9	21.4	0.0	0	12.1
		0.0	30.0	15.1	6.9	0.0	0	
		0.0	1.3	8.2	2.6	0.0	0	
OTHER	6.	0	0	0	0	0	0	1
		11.1	11.1	44.4	33.3	0.0	0	3.9
		25.0	10.0	3.2	3.4	0.0	0	
		0.4	0.4	1.7	1.3	0.0	0	
COLUMN TOTAL		0	1	13	9	0	0	23
		1.7	4.3	54.5	37.7	1.7	0	100.0

CHI SQUARE = 1.36273 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 0.9948

CRAIG'S V = 0.17174

COOCCURRENCE TABLES

FILE MF1 ICRATION DATE = 11/07/1981 BUFFALO DIST., CUE LAKE ERIE LRIS

***** C R O S S T A B U L A T I O N U F ***** INTRINSIC ERODABILITY *****

SLOPE DOWN URBAN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 22. H.C. 1A1B SILVER

PAGE 1 OF 1

		PFAC										ROM	
		COUNT	C.10	0.17	C.24	0.28	0.32	0.37	0.43	TOTAL			
		RUN PCT	C.10	0.17	C.24	0.28	0.32	0.37	0.43	TOTAL			
		COL PCT	0.101	0.171	0.241	0.281	0.321	0.371	0.431				
		TOT PCT	0.101	0.171	0.241	0.281	0.321	0.371	0.431				
SLOPE		0.2	0	0	0	0	0	0	0				
LESS THAN 0.2		25.0	0.0	0.0	25.0	50.0	0.0	0.0	0.0				
		100.0	0.0	0.0	100.0	33.3	0.0	0.0	0.0				
		0.4	0.0	0.0	0.4	0.9	0.0	0.0	0.0				
0.5		0	0	0	0	0	0	0	0				
		0.0	0.0	0.0	0.0	30.0	0.0	70.0	0.0				
		0.0	0.0	0.0	0.0	50.0	0.0	4.8	0.0				
		0.0	0.0	0.0	0.0	1.3	0.0	3.0	0.0				
1.0		0	0	0	0	0	0	0	0				
		0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0				
		0.0	100.0	0.0	0.0	16.7	0.0	77.8	19.8				
		0.0	0.9	0.0	0.0	0.4	0.0	42.4	10.8				
3-5		0	0	0	0	0	0	0	0				
		0.0	0.0	0.0	0.0	0.0	4.6	41.4	54.0				
		0.0	0.0	0.0	0.0	0.0	100.0	24.8	65.3				
		0.0	0.0	0.0	0.0	0.0	1.7	15.6	20.3				
9-11		0	0	0	0	0	0	0	0				
		0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0				
		0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0				
		0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0				
COLUMN		0	0	0	0	1	0	14	7				
TOTAL		0.4	0.9	0.9	0.4	2.6	1.7	62.8	31.2				

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., CCE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON C R D S T A B U L A T I O N O F H A J E R L A N D U S E C A T E G O R I E S
 CONTROLLING FOR...
 BASIN SAMPLING STATION BASIN VALUE = 22, H.C. TRIB SILVER
 PAGE 1 OF 1

TEXT	LU					ROW TOTAL
	COUNT	CROPLAND	FOREST	OTHER	ROW TOTAL	
TEXT	ROW PCT COL PCT TOT PCT	1-1	4-1	6-1	ROW TOTAL	
SILTY CLAY	1-2	0	0	0	0	0
		100.0	0.0	0.0	0.4	0.4
		0.5	0.0	0.0		
		0.4	0.0	0.0		
SILTCLAYLOAM	2-1	1	0	0	2	2
		78.9	15.8	5.3	8.2	8.2
		7.7	10.7	11.1		
		6.5	1.3	0.4		
LOAM	3-1	0	0	0	0	0
		100.0	0.0	0.0	2.2	2.2
		2.6	0.0	0.0		
		2.2	0.0	0.0		
SILTY LOAM	3-2	17	2	1	20	20
		84.7	11.8	3.4	87.9	87.9
		88.7	85.7	77.8		
		74.5	10.4	3.0		
FN SANDYLOAM	4-2	0	0	0	0	0
		50.0	50.0	0.0	0.9	0.9
		0.5	3.6	0.0		
		0.4	0.4	0.0		
MUCK	6-1	0	0	0	0	0
		0.0	0.0	100.0	0.4	0.4
		0.0	0.0	11.1		
		0.0	0.0	0.4		
COLUMN TOTAL	19	3	1	23	100.0	
TOTAL	84.0	12.1	3.4			

CHI SQUARE = 2.90236 WITH 10 DEGREES OF FREEDOM SIGNIFICANCE = 0.9836
 Cramer's V = 0.25066

COE LRIS CROSSTABS UPDATE

FILE MF1 CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR BY LU CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CONVEYING FOR. BASIN SAMPLING STATION BASIN VALUE = 22. H.C. TRIB SILVER

PAGE 1 OF 1

LU

COUNT	ROW PCT	CROPLAND	FOREST	OTHER	ROW TOTAL
COL PCT	TOT PCT	1.1	4.1	6.1	
PERM	2.0	17	2	1	20
BELO .01 TO 0.09	84.3	12.2	3.6	85.7	
	85.6	85.7	87.5		
	72.2	10.4	3.0		
	-	-	-	-	
4.0	2	0	0	2	
BELO .20 TO 0.59	100.0	0.0	0.0	9.1	
	10.8	0.0	0.0		
	9.1	0.0	0.0		
	-	-	-	-	
5.0	0	0	0	1	
BELO .60 TO 1.9	55.6	33.3	11.1	3.9	
	2.6	10.7	12.2		
	2.2	1.3	0.4		
	-	-	-	-	
6.0	0	0	0	0	
BELO 2.0 TO 5.9	66.7	33.3	0.0	1.3	
	1.0	3.6	0.0		
	0.9	0.4	0.0		
	-	-	-	-	
COLUMN TOTAL	19	3	1	23	
	84.3	12.2	3.5	100.0	

COCCURRENCE TABLES

FILE MFL (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE EMIL LRIS

CAP LAND CAPABILITY CLASS, WITH LIMITS C R G S S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 22. M.C. TRIB SILVER

PAGE 1 OF 2

LU									
CAP	COUNT		CROPLAND	FOREST	OTHER	ROM TOTAL	C	G	S
	ROM PCT	CUL PCT							
1	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2S	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2E	90.4	5.8	3.8	22.2	0.0	22.5	0.0	0.0	0.0
2W	81.7	14.5	3.8	55.6	2.2	56.7	0.0	0.0	0.0
3S	50.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3E	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3W	79.3	17.2	3.4	11.1	0.0	12.6	0.0	0.0	0.0
(CONTINUED)									
C COLUMN TOTAL 84.0 12.1 3.5 100.0									

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO CIST.,LOE LAKE EXIE LRIS

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO CIST.,LOE LAKE EXIE LRIS

***** C R O S S T A B U L A T I O N O F *
CAP LAND CAPABILITY CLASS WITH LU MAJOR LAND USE CATEGORIES

CONTROLLING FOR..

BASIN	SAMPLING STATION	WATER	W.C.	TRIO	SILVER
		VALUE =	22.		

PAGE 2 OF 2

COUNT	CROPLAND	FOREST	OTHER	ROW TOTAL
13.	0	0	6.1	6.1
175.0	0.0	25.0	1.7	1.7
1.5	0.0	11.1		
1.1	0.0	0.4		
COLUMN TOTAL	19	3	1	23
TOTAL	85.0	12.1	3.5	100.0

CHI-SQUARE = 1.30964 WITH 14 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
CRAMER'S V = 0.17218

COCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST..COE LAKE EMJE LRJS

LU MAJOR LANG USE CATEGORIES C H O S I A B U L A T J U N U F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FGR.. BASIN SAMPLING STATION BASIN VALUE = 22. H.C. TR18 SILVER

BY URCU PAGE 1 OF 1

RCU

LU	COUNT	ROW PCT	VERYPOOR	POORLY	SCHEFFER	MUD-WELL	WELL	ROW
			DRAINED	DRAINED	DRAINED	DRAINED	DRAINED	TOTAL
	TOT PCT	1.1	2.1	3.1	4.1	5.1		
CROPLAND	1.	0	2	15	1	0	19	
		2.1	11.9	76.3	7.2	2.6	84.0	
		80.0	79.3	83.6	100.0	83.3		
FOREST	4.	1.7	10.0	64.1	6.1	2.2	3	
		0	0	2	0	0	12.1	
		0.0	17.9	78.6	0.0	3.6		
OTHER	6.	0.0	17.2	12.4	0.0	16.7	1	
		0.0	2.2	5.5	0.0	0.4	3.9	
		0	0	1	0	0		
COLUMN TOTAL		11.1	11.1	77.1	0.0	0.0	23	
		20.0	3.4	4.0	0.0	0.0	100.0	
		0.4	0.4	3.0	0.0	0.0		

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78, BUFFALO DIST., CUE LAKE ERIE LRS

LU MAJOR LAND USE CATEGORIES CRUSSTABULATION OF INTRINSIC ERODIBILITY

CONTROLLING FUR. BASIN SAMPLING STATION BASIN VALUE = 22. H.C. TRIB SILVER PAGE 1 OF 1

		NEAC										RUM	
		C-10	0.17	C-24	0.28	0.32	0.37	0.43				TOTAL	
LU	CCOUNT RUM PCI COL PCI TCT PCI	0.101	0.171	0.241	0.281	0.321	0.371	0.431					
CHEPLAND	1.	0.0	0.5	0.5	3.1	2.1	61.3	32.5	12	6	19		
		0.0	50.0	100.0	100.0	100.0	82.1	87.5			84.0		
		0.0	0.4	0.4	2.6	1.7	51.5	27.3					
EGREST	4.	0.0	0	0	0	0	2	1	3				
		0.0	3.6	0.0	0.0	0.0	75.0	21.4			12.1		
		0.0	50.0	0.0	0.0	0.0	14.5	8.3					
		0.0	0.4	0.0	0.0	0.0	9.1	2.6					
ETPER	6.	0	0	0	0	0	0	0	1				
		11.1	0.0	0.0	0.0	0.0	55.6	33.3			3.9		
		100.0	0.0	0.0	0.0	0.0	3.4	4.2					
		0.4	0.0	0.0	0.0	0.0	2.2	1.3					
COLUMN TOTAL		0.4	0.9	0.4	2.6	1.7	62.8	31.2	7		23		
											100.0		

COCCURRENCE TABLE

FILE MF1 TERRAIN DATE = 11/01/74 BUFFALO DIST. 500 CANE CRP CRIS

TEXT TEXTURE OF SURFACE HORIZON C P L S T A B U L A T I O N L F DUN URBAN SLOPT VALUE

CONTROLLING FUR... VALVE = 13. HONEY CR # MELM

PASSIV SAMPLING STATION RASIN PAGE 1 OF 1

TEXT	SLOPE											RUM TOTAL
	COUNT	0.5	1.0	2.0	3-5	6-8	9-11	10-12	13-15	16-20	21-25	
RCM PCT	0.2	0.21	0.51	1.01	2.01	4.01	7.01	10.01				
COL PCT	0.2	0.21	0.51	1.01	2.01	4.01	7.01	10.01				
TEXT	1.2	0	0	0	0	0	0	0	0	0	0	0
SILTY CLAY	1.2	0	0	0	0	0	0	0	0	0	0	0
	2.1	9	4	14	0	0	0	0	0	0	0	27
SILT CLAY LOAM	3.1	33.1	14.2	52.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	18.7
	8.2	13.7	15.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6.2	2.7	5.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LOAM	3.1	0	0	1	0	2	0	0	0	0	0	3
	6.1	0.0	0.0	24.2	0.0	69.7	1.0	0.0	0.0	0.0	0.0	2.2
	2.0	0.0	0.0	1.1	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
	0.1	0.0	0.0	0.5	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
SILTY LOAM	3.2	1	4	56	6	40	1	2	2	2	2	112
	0.5	3.8	50.4	5.8	36.2	1.0	1.0	2.2	100.0	100.0	100.0	76.1
	5.9	37.4	76.2	97.0	94.4	100.0	100.0	100.0	100.0	100.0	100.0	0.0
	0.4	2.9	38.4	4.4	27.5	0.7	0.7	1.7	0.0	0.0	0.0	0.0
FN SANDY LOAM	4.2	0	0	1	0	0	0	0	0	0	0	1
	0.0	0.0	85.7	0.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MUCK	6.1	0	3	0	0	0	0	0	0	0	0	3
	9.1	90.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	2.9	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	10	11	12	12	7	43	1	2	1	2	147	100.0
TOTAL	6.9	7.8	49.0	4.6	23.2	3.7	1.7	1.7	1.7	1.7	100.0	

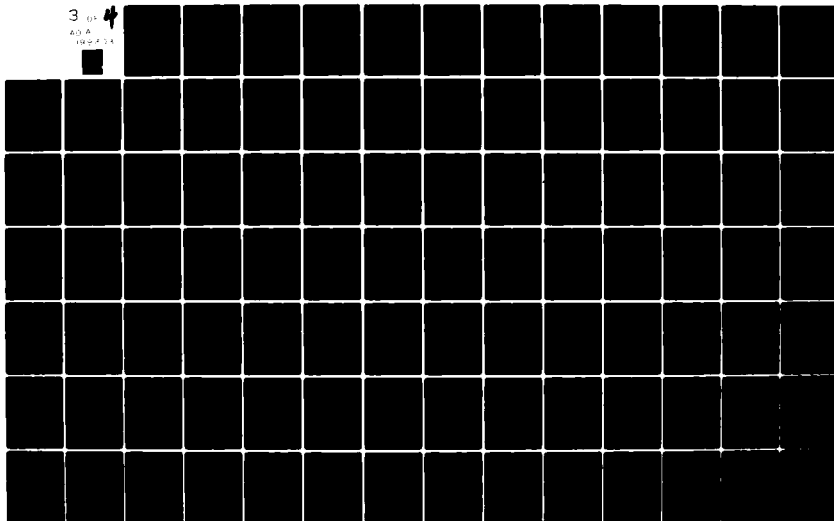
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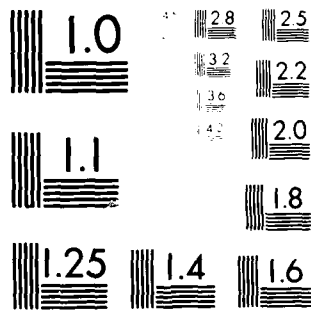
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COE LBS CROSSTARS UPDATE

FILE #01 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR BY SLOPE DOM URBAN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 13. MONEY CR 2 BELM
PAGE 1 OF 1

COUNT		SLOPE										ROW TOTAL	
ROW PCT	LESSTHAN	0.5	1.0	2.0	3-5	6-8	9-11						
COL PCT	0.2												
TOT PCT	0.21	0.51	1.01	2.01	4.01	7.01	10.01						
PERM													
BELC .01 TO 0.09	2	0	66	7	34	0	0					110	
	1.8	0.3	60.2	6.1	31.1	0.1	0.5					75.4	
	20.2	2.7	92.2	100.0	80.1	9.1	20.0						
	1.4	0.2	45.4	4.6	23.4	0.1	0.3						
BELC .20 TO 0.59	7	4	4	0	7	1	2					25	
	29.1	15.5	16.7	0.0	26.7	4.0	8.0					17.2	
	73.7	34.5	5.2	0.0	15.7	90.9	80.0						
	5.0	2.7	2.5	0.0	4.6	0.7	1.4						
BELC .60 TO 1.9	1	7	1	0	1	0	0					10	
	6.3	74.0	10.4	0.0	9.4	0.0	0.0					6.6	
	6.1	65.8	1.4	0.0	2.1	0.0	0.0						
	0.4	4.9	0.7	0.0	0.6	0.0	0.0						
BELC 2.0 TO 5.9	0	0	0	0	1	0	0					1	
	0.0	0.0	30.6	0.0	69.2	0.0	0.0					0.9	
	0.0	0.0	0.6	0.0	2.1	0.0	0.0						
	0.0	0.0	0.2	0.0	0.6	0.0	0.0						
COLUMN TOTAL	10	11	72	7	43	1	2					146	
	6.8	7.7	49.2	4.6	29.3	0.8	1.7					100.0	

COOCCURRENCE TABLES

FILE MFI ICREATION DATE = 11/07/78) BUFFALO DIST..CODE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N O F
 LU MAJOR LAND USE CATEGORIES BY SLOPE ROW URBAN SLOPE VALUE
 CONTROLLING FOR.....
 BASIN SAMPLING STATION BASIN VALUE = 13. MCNEY CR 2 HELM
 PAGE 1 OF 1

SLOPE												
COUNT	COUNT		COUNT		COUNT		COUNT		COUNT		ROW TOTAL	
	LESS THAN 0.5	1.0	2.0	3-5	6-8	9-11	10.01					
ROW PCT	COL PCT	0.2	0.51	1.01	2.01	4.01	7.01	10.01	ROW TOTAL	COL TOTAL	100.0	
TOT PCT	TOT PCT	0.21	0.51	1.01	2.01	4.01	7.01	10.01	122	62.8		
1.	7.5	3.8	48.9	4.5	30.7	0.8	1.8	2				
CROPLAND	89.2	80.9	82.6	82.1	87.1	90.9	88.0					
	6.2	4.8	40.5	3.7	25.4	0.7	1.5					
3.	0	0	0	0	0	0	0	0	1	0.6		
PASTURE	0.0	0.0	44.4	11.1	44.4	0.0	0.0	0.0				
	0.0	0.0	0.6	1.5	0.9	0.0	0.0	0.0				
	0.0	0.0	0.3	0.1	0.3	0.0	0.0	0.0				
4.	1	2	8	1	3	0	0	0	19	10.1		
FOREST	4.7	12.1	56.4	4.7	20.1	0.7	1.3					
	6.9	15.7	11.7	10.4	7.0	9.1	8.0					
	0.5	1.2	5.7	0.5	2.0	0.1	0.1					
5.	0	0	0	0	0	0	0	0	1	0.5		
WATER	14.3	42.9	28.6	14.3	0.0	0.0	0.0	0.0				
	1.0	2.6	0.3	1.5	0.0	0.0	0.0	0.0				
	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0				
6.	0	2	3	0	2	0	0	0	9	5.9		
OTHER	3.4	27.6	40.2	3.4	24.1	0.0	1.1					
	2.9	20.9	4.9	4.5	4.9	0.0	4.0					
	0.2	1.6	2.4	0.2	1.4	0.0	0.1					
COLUMN TOTAL	10	11	72	7	43	1	2		147	100.0		
	6.9	7.8	49.0	4.6	29.2	0.7	1.7					

CHI SQUARE = 0.9750 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 0.9984
CRAMER'S V = 0.12083

CHI SQUARE = 0.9350 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 0.9984
 CRAMER'S V = 0.12083

COOCCURRENCE TABLES

FILE #F1 (CREATION DATE = 11/01/78) BUFFALO DIST. COE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N O F I N T R I N S I C E R O D U C I B I L I T Y

SLOPE DUN URIAN SLOPE VALUE BY KFAC

CONCELLING FUR..

SAMPLING STATION BASIN

VALUE = 13. MONEY CR & MELN

PAGE 1 OF 1

PEAC														
COUNT	0.10	0.17	0.20	0.24	0.28	0.32	0.37	0.43	ROW TOTAL					
ROW PCT	0.101	0.171	0.201	0.241	0.281	0.321	0.371	0.431						
COL PCT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2						
TOT PCT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2						
SLOPE														
LESS THAN 0.2	0	0	0	0	0	0	0	0	10					
	3.0	0.0	0.0	10.2	71.8	1.0	0.0	0.0	6.8					
	9.1	0.0	0.0	64.3	57.9	1.7	0.0	0.0						
	0.2	0.0	0.0	1.2	5.3	0.1	0.0	0.0						
0.5	3	0	0	1	3	2	2	0	11					
	20.1	0.0	0.0	7.8	24.3	20.0	21.7	0.0	7.8					
	90.9	0.0	0.0	32.1	21.1	39.7	3.4	0.0						
	2.0	0.0	0.0	0.6	1.9	1.6	1.7	0.0						
1.0	0	0	0	0	3	1	50	17	72					
	0.0	0.4	0.4	0.0	3.9	1.8	70.1	23.3	49.1					
	0.0	100.0	100.0	0.0	21.1	22.4	47.9	36.3						
	0.0	0.2	0.2	0.0	1.9	0.9	34.5	11.5						
2.0	0	0	0	0	0	0	0	6	7					
	0.0	0.0	0.0	0.0	0.0	3.0	0.0	97.0	4.6					
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0						
	0.0	0.0	0.0	0.0	0.0	0.1	0.0	4.4						
3-5	0	0	0	0	0	2	18	22	43					
	0.0	0.0	0.0	0.2	0.0	4.4	43.0	52.3	29.2					
	0.0	0.0	0.0	3.6	0.0	32.8	24.7	48.4						
	0.0	0.0	0.0	0.1	0.0	1.3	12.6	15.3						
6-8	0	0	0	0	0	0	1	0	1					
	0.0	0.0	0.0	0.0	0.0	0.0	90.9	9.1	0.8					
	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.2						
	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1						
9-11	0	0	0	0	0	0	2	0	2					
	0.0	0.0	0.0	0.0	0.0	0.0	80.0	20.0	1.7					
	0.0	0.0	0.0	0.0	0.0	0.0	2.7	1.1						
	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.3						
COLUMN TOTAL	3	0	0	3	13	6	74	46	146					
TOTAL	2.3	0.2	0.2	1.9	9.1	4.0	50.8	31.6	100.0					

COOCCURRENCE TABLES

FILE MFI ICREATION DATE = 11/07/781 BUFFALO DIST., COE LAKE EPIC INIS

TEXTURE OF SURFACE HORIZON C R O S S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 13. MCNEY CR 3 HELM PAGE 1 OF 1

COUNT		LU										ROW TOTAL
ROW PCT	COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW TOTAL					
COL PCT	ROW PCT	1.1	3.1	4.1	5.1	6.1	ROW TOTAL					
TEXT	1.2	0	0	0	0	0	0					
	SILTY CLAY	66.7	0.0	33.3	0.0	0.0	0.2					
		0.2	0.0	0.7	0.0	0.0						
		0.1	0.0	0.1	0.0	0.0						
2.1	23	0	3	0	0	1	27					
	SILTCLAYLOAM	82.5	0.4	11.6	0.7	4.7	10.7					
		18.7	11.1	21.5	28.6	14.9						
		15.5	0.1	2.2	0.1	0.9						
3.1	3	0	0	0	0	0	3					
	LOAM	90.9	0.0	9.1	0.0	0.0	2.2					
		2.5	0.0	2.0	0.0	0.0						
		2.0	0.0	0.2	0.0	0.0						
3.2	94	1	11	0	5	112	76.1					
	SILTY LOAM	84.2	0.7	10.0	0.4	4.7						
		77.3	88.9	75.2	71.4	59.8						
		64.0	0.5	7.6	0.3	3.5						
4.2	1	0	0	0	0	0	1					
	PN SANDYLOAM	85.7	0.0	14.3	0.0	0.0	0.5					
		0.5	0.0	0.7	0.0	0.0						
		0.4	0.0	0.1	0.0	0.0						
6.1	1	0	0	0	0	2	3					
	MUCK	33.3	0.0	0.0	0.0	66.7	2.2					
		0.9	0.0	0.0	0.0	25.3						
		0.7	0.0	0.0	0.0	1.5						
COLUMN TOTAL		122	1	15	1	9	147					
TOTAL		82.6	0.6	10.1	0.5	5.9	100.0					

CHI SQUARE = 22.94464 WITH 20 DEGREES OF FREEDOM SIGNIFICANCE = 0.2919

CRAMER'S V = 0.19767

COE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ. IN P HR BY LU CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CCATROLLING FOR. BASIN SAMPLING STATION BASIN VALUE = 13. MONEY CR @ MELM PAGE 1 OF 1

		LU										ROW TOTAL	
COUNT		CROPLAND		PASTURE		FOREST		WATER		OTHER			
NUM PCT	COL PCT												
TOT PCT		1.1	3.1	4.1	5.1	6.1							
PERM													
2.1	92	1	1	11	0	5						110	
BELC .01 TO 0.09	83.5	0.7	10.4	0.4	5.0							75.4	
	76.0	88.9	77.2	57.1	64.0								
	63.0	0.5	7.5	0.3	3.8								
4.1	22	0	2	0	1							25	
BELC .20 TO 0.59	69.2	0.4	6.8	0.0	3.6							17.2	
	18.5	11.1	11.4	0.0	10.5								
	15.3	0.1	1.2	0.0	0.6								
5.1	6	0	1	0	2							10	
BELC .60 TO 1.9	59.4	0.0	14.6	3.1	22.9							6.6	
	4.7	0.0	9.4	42.9	23.6								
	3.9	0.0	1.0	0.2	1.5								
6.1	1	0	0	0	0							1	
BELC 2.0 TO 5.9	76.9	0.0	23.1	0.0	0.0							0.9	
	0.8	0.0	2.0	0.0	0.0								
	0.7	0.0	0.2	0.0	0.0								
COLUMN TOTAL	121	1	19	1	9							146	
	82.8	0.6	10.2	0.5	5.9							100.0	

COOCCURRENCE TABLES

FILE #F1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE EMIE LRIS

LAND CAPABILITY CLASSIFICATION OF PAJUN LAND USE CATEGORIES

CONTROLLING FOR... 13. MONEY CP & PELM

SAMPLING STATION BASIN VALUE = PAGE 1 OF 2

COUNT									
CAP	NUM PCT TOT PCT	CRUPLAND		PASTURE	FOREST	WATER	OTHER	RDM TOTAL	
		1.1	3.1	4.1	5.1	6.1			
1	71.4	0.0	28.4	0.0	0.0	0.0	0.0	1.0	
	0.8	0.0	2.7	0.0	0.0	0.0	0.0		
	7.7	0.0	0.3	0.0	0.0	0.0	0.0		
2	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	
	0.6	0.0	0.0	0.0	0.0	0.0	0.0		
	0.5	0.0	0.0	0.0	0.0	0.0	0.0		
3	26	0	2	0	0	0	0	30	
	87.6	1.0	7.0	0.0	0.0	4.4	0.0	20.3	
	21.5	33.3	14.1	0.0	0.0	14.9	0.0		
	17.6	0.2	1.4	0.0	0.0	7.9	0.0		
4	64	0	5	0	0	0	0	77	
	82.5	0.6	11.2	0.5	5.1	52.5	0.0		
	52.3	55.6	58.4	57.1	44.8	2.7	0.0		
	43.3	0.3	5.5	0.3	0.0	0.0	0.0		
5	0	0	0	0	0	0	0	0	
	66.7	0.0	33.2	0.0	0.0	0.0	0.0	0.2	
	0.2	0.0	0.7	0.0	0.0	0.0	0.0		
	0.1	0.0	0.1	0.0	0.0	0.0	0.0		
6	4	0	0	0	0	0	0	5	
	89.8	0.0	4.1	0.0	4.1	0.0	0.0	3.3	
	3.6	0.0	2.0	0.0	2.3	0.0	0.0		
	3.0	0.0	0.2	0.0	0.1	0.0	0.0		
7	17	0	3	0	0	0	0	21	
	80.4	0.5	13.6	1.4	4.2	0.0	0.0	14.6	
	14.1	11.1	19.5	42.9	10.3	0.0	0.0		
	11.7	0.1	2.0	0.2	0.6	0.0	0.0		
COLUMN TOTAL	122	1	15	1	9	1	5.9	147	100.0
	82.8	0.6	10.1	0.5	5.9	0.5	5.9	100.0	

(CONTINUED)

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/101 BUFFALO DIST., LUF LAKE EMIE LRIS

LAND CAPABILITY CLASS, WITH LTPITS C H U S S T A B U L A T I O N C F P A I R L A N D U S E C A T E G O R I E S

CONTRILLING FOR... VALU = 13. HONEY CR & MELM PAGE 2 OF 2

CAP	COUNT	LU										ROW TOTAL
		ICROPLAND	PASTURE	FOREST	WATER	OTHER	6.1	5.1	3.1	4.1	5.1	
4W	RUN PCT	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	COR PCT	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
5W	TOT PCT	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6W	RUN PCT	91.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	COR PCT	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOT PCT	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7W	RUN PCT	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	COR PCT	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TOT PCT	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL		122	1	15	1	1	9	147				
TOTAL		82.8	0.6	10.1	0.5	5.9	107.0					

CHI SQUARE = 27.25661 WITH 36 DEGREES OF FREEDOM SIGNIFICANCE = 0.8526

CRAMER'S V = 0.2145

COCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/701 BUFFALO DIST.-COE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R O S S T A B U L A T I O N U F D R A I N A G E C H A R A C T E R I S T I C S C O D E

CANDELLING FOR... LU BASIN SAMPLING STATION BASIN VALUE = 13. MONEY CR & WELM PAGE 1 OF 1

COUNT		C R C O		S C H E P C R		M U D W E L L		R U N	
RUM PCT	IVERYPOOR	PURPLY	CRAINED	DRAINED	DRAINED	DRAINED	DRAINED	TOTAL	
TOT PCT	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	
1.	13	17	75	10	3	1	122		
CROPLAND	17.6	13.7	65.1	8.2	2.4		82.8		
	75.0	82.2	83.6	89.3	78.4				
	8.8	11.3	54.0	6.8	2.0				
3.	0	0	1	0	0	1			
PASTURE	0.0	11.1	77.4	11.1	0.0	0.6			
	0.0	0.5	0.7	0.9	0.0				
	0.0	0.1	0.5	0.1	0.0				
4.	9.4	16.8	63.6	5.4	1	15			
FOREST	8.1	12.4	10.1	7.1	18.9	10.1			
	1.0	1.7	6.2	0.5	0.5				
5.	0	0	0	0	0	1			
WATER	28.6	14.3	57.1	0.0	0.0	0.5			
	1.2	0.5	0.4	0.0	0.0				
	0.1	0.1	0.2	0.0	0.0				
6.	3	1	5	0	0	9			
OTHER	31.0	10.3	54.0	3.4	1.1	5.9			
	15.7	4.5	5.0	2.7	2.7				
	1.8	0.6	3.2	0.2	0.1				
COLUMN TOTAL	17	20	94	11	4	147			
	11.7	13.8	64.4	7.6	2.5	100.0			

COOCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST. - QUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CRUSSTABULATION CF INTRINSIC ERODABILITY

CONTROLLING FACTORS SAMPLING STATION BASIN VALVE = 13. MONEY CR 2 PELM

PAGE 1 OF 1

LU	REAL												ROW TOTAL
	COUNT	C.10	0.17	C.20	0.201	0.24	0.28	0.32	0.37	0.43	0.431	0.431	
	ROW PCT	C.10	0.17	C.20	0.201	0.24	0.28	0.32	0.37	0.43	0.431	0.431	
	TOT PCT	0.101	0.171	0.201	0.241	0.281	0.321	0.371	0.431	0.431	0.431	0.431	
CROPLAND	1.	0.9	0.2	0.2	2.0	2.0	9.4	4.0	50.9	32.4	39	121	82.8
		33.3	66.7	100.0	85.7	85.7	85.7	84.5	82.9	84.9	84.9	84.9	
		0.8	0.1	0.2	1.6	1.6	7.8	3.3	42.1	26.8			
PASTURE	3.	0	0	0	0	0	0	0	0	0	0	1	0.6
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.6	44.4	44.4	44.4	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	
FOREST	4.	0	0	0	0	0	1	0	8	4	4	15	10.2
		0.0	0.0	0.0	0.0	0.0	10.1	3.4	55.0	28.9	28.9	28.9	
		0.0	33.3	0.0	10.7	10.7	11.3	8.6	11.0	9.3	9.3	9.3	
		0.0	0.1	0.0	0.2	0.2	1.0	0.3	5.6	2.9	2.9	2.9	
WATER	5.	0	0	0	0	0	0	0	0	0	0	1	0.5
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.9	28.6	28.6	28.6	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	
CIPER	6.	2	0	0	0	0	0	0	4	2	2	9	5.9
		25.3	0.0	0.0	0.0	0.0	3.4	4.6	42.5	24.1	24.1	24.1	
		66.7	0.0	0.0	0.0	0.0	2.3	6.9	5.0	4.5	4.5	4.5	
		1.5	0.0	0.0	0.0	0.0	0.2	3.3	2.5	1.6	1.6	1.6	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL	3	2.3	0.2	0.2	1.9	1.9	9.1	4.0	50.8	31.6	46	146	100.0

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SAMPLING STATION HASIN
BASIN
21. H.C. TRIBUCKEY
VALUE =
PAGE 1 OF 1

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TEXT	SLOPE										MUM TOTAL	
	COUNT	NOW PCT		LESS THAN		1.0		3-5		9-11		
		CL' PCT	0-2	0-21	0.51	1.01	4.01	10.01				
	TOT PCT											
	2.1	0	0	0	0	0	0	0	0	0	0	
SILT CLAY LOAM		50.0	0.0	0	50.0	0.0	0.0	0.0	0.0	0.0	4.2	
		100.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0		
		2.1	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0		
	3.2	0	0	0	0	0	0	0	0	0	5	
SILT LOAM		0.0	6.5	0	52.2	30.4	10.9	10.9	10.9	10.9	95.8	
		0.0	100.0	0	98.6	100.0	100.0	100.0	100.0	100.0		
		0	6.3	0	50.0	29.2	10.4	10.4	10.4	10.4		
		0	0	0	0	0	0	0	0	0	5	
COLUMN TOTAL		2.1	6.3	0	52.1	29.2	10.4	10.4	10.4	10.4	100.0	

COE LRIS CROSSTABS UPDATE

FILE NF1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY LGW VALUE IN HORIZ. IN PHR BY SLOPE DON URBAN SLOPE VALUE

CONTROLLING FOR: 21. H.C. TRIB DUCKEY PAGE 1 OF 1

SLOPE										
PERM	COUNT		ROW PCT		COL PCT		TOTAL		TOTAL	
	BELO .01 TO 0.09	BELO .20 TO 0.59	BELO .60 TO 1.9	TOT PCT	0.21	0.51	1.01	3-5	9-11	10-01
2.	0	0	0	0	0	0	0	0	0	0
3.	0	0	0	0	0	0	0	0	0	0
4.	0	0	0	0	0	0	0	0	0	0
5.	0	0	0	0	0	0	0	0	0	0
6.	0	0	0	0	0	0	0	0	0	0
7.	0	0	0	0	0	0	0	0	0	0
8.	0	0	0	0	0	0	0	0	0	0
9.	0	0	0	0	0	0	0	0	0	0
10.	0	0	0	0	0	0	0	0	0	0
11.	0	0	0	0	0	0	0	0	0	0
12.	0	0	0	0	0	0	0	0	0	0
13.	0	0	0	0	0	0	0	0	0	0
14.	0	0	0	0	0	0	0	0	0	0
15.	0	0	0	0	0	0	0	0	0	0
16.	0	0	0	0	0	0	0	0	0	0
17.	0	0	0	0	0	0	0	0	0	0
18.	0	0	0	0	0	0	0	0	0	0
19.	0	0	0	0	0	0	0	0	0	0
20.	0	0	0	0	0	0	0	0	0	0
21.	0	0	0	0	0	0	0	0	0	0
22.	0	0	0	0	0	0	0	0	0	0
23.	0	0	0	0	0	0	0	0	0	0
24.	0	0	0	0	0	0	0	0	0	0
25.	0	0	0	0	0	0	0	0	0	0
26.	0	0	0	0	0	0	0	0	0	0
27.	0	0	0	0	0	0	0	0	0	0
28.	0	0	0	0	0	0	0	0	0	0
29.	0	0	0	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0	0	0	0
31.	0	0	0	0	0	0	0	0	0	0
32.	0	0	0	0	0	0	0	0	0	0
33.	0	0	0	0	0	0	0	0	0	0
34.	0	0	0	0	0	0	0	0	0	0
35.	0	0	0	0	0	0	0	0	0	0
36.	0	0	0	0	0	0	0	0	0	0
37.	0	0	0	0	0	0	0	0	0	0
38.	0	0	0	0	0	0	0	0	0	0
39.	0	0	0	0	0	0	0	0	0	0
40.	0	0	0	0	0	0	0	0	0	0
41.	0	0	0	0	0	0	0	0	0	0
42.	0	0	0	0	0	0	0	0	0	0
43.	0	0	0	0	0	0	0	0	0	0
44.	0	0	0	0	0	0	0	0	0	0
45.	0	0	0	0	0	0	0	0	0	0
46.	0	0	0	0	0	0	0	0	0	0
47.	0	0	0	0	0	0	0	0	0	0
48.	0	0	0	0	0	0	0	0	0	0
49.	0	0	0	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0	0	0	0
51.	0	0	0	0	0	0	0	0	0	0
52.	0	0	0	0	0	0	0	0	0	0
53.	0	0	0	0	0	0	0	0	0	0
54.	0	0	0	0	0	0	0	0	0	0
55.	0	0	0	0	0	0	0	0	0	0
56.	0	0	0	0	0	0	0	0	0	0
57.	0	0	0	0	0	0	0	0	0	0
58.	0	0	0	0	0	0	0	0	0	0
59.	0	0	0	0	0	0	0	0	0	0
60.	0	0	0	0	0	0	0	0	0	0
61.	0	0	0	0	0	0	0	0	0	0
62.	0	0	0	0	0	0	0	0	0	0
63.	0	0	0	0	0	0	0	0	0	0
64.	0	0	0	0	0	0	0	0	0	0
65.	0	0	0	0	0	0	0	0	0	0
66.	0	0	0	0	0	0	0	0	0	0
67.	0	0	0	0	0	0	0	0	0	0
68.	0	0	0	0	0	0	0	0	0	0
69.	0	0	0	0	0	0	0	0	0	0
70.	0	0	0	0	0	0	0	0	0	0
71.	0	0	0	0	0	0	0	0	0	0
72.	0	0	0	0	0	0	0	0	0	0
73.	0	0	0	0	0	0	0	0	0	0
74.	0	0	0	0	0	0	0	0	0	0
75.	0	0	0	0	0	0	0	0	0	0
76.	0	0	0	0	0	0	0	0	0	0
77.	0	0	0	0	0	0	0	0	0	0
78.	0	0	0	0	0	0	0	0	0	0
79.	0	0	0	0	0	0	0	0	0	0
80.	0	0	0	0	0	0	0	0	0	0
81.	0	0	0	0	0	0	0	0	0	0
82.	0	0	0	0	0	0	0	0	0	0
83.	0	0	0	0	0	0	0	0	0	0
84.	0	0	0	0	0	0	0	0	0	0
85.	0	0	0	0	0	0	0	0	0	0
86.	0	0	0	0	0	0	0	0	0	0
87.	0	0	0	0	0	0	0	0	0	0
88.	0	0	0	0	0	0	0	0	0	0
89.	0	0	0	0	0	0	0	0	0	0
90.	0	0	0	0	0	0	0	0	0	0
91.	0	0	0	0	0	0	0	0	0	0
92.	0	0	0	0	0	0	0	0	0	0
93.	0	0	0	0	0	0	0	0	0	0
94.	0	0	0	0	0	0	0	0	0	0
95.	0	0	0	0	0	0	0	0	0	0
96.	0	0	0	0	0	0	0	0	0	0
97.	0	0	0	0	0	0	0	0	0	0
98.	0	0	0	0	0	0	0	0	0	0
99.	0	0	0	0	0	0	0	0	0	0
100.	0	0	0	0	0	0	0	0	0	0
COLUMN TOTAL	2.1	6.3	52.1	29.2	10.4	1	5	100.0		

COOCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78J BUFFALO DIST. CCE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CRO S T A B U L A T I C N O F D D N U R B A N S L O P E V A L U E

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 21. M.C. TRIB BUCKEY PAGE 1 OF 1

		SLOPE							ROW TOTAL
		0-2	0-21	0-51	1-0	3-5	9-11	10-01	
LU	COUNT	ROW PCT	COL PCT	LESSTHAN	0-5	1-0	3-5	9-11	10-01
	TOT PCT	0-2	0-21	0-51	1-0	3-5	9-11	10-01	TOTAL
CROPLAND	1.	2.2	0	0	2	31.1	11.1	1	4
		100.0	66.7	92.0	100.0	100.0	100.0	10.4	93.7
		2.1	4.2	47.9	29.2	10.4	0.0	0.0	
FOREST	4.	0	0	0	0	0	0	0	0
		0.0	33.3	66.7	0.0	0.0	0.0	0.0	6.3
		0.0	33.3	8.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL		0	0	0	2	29.2	1	1	5
		2.1	6.3	52.1	10.4	100.0			
		0	0	0	0	0	0	0	

CHI SQUARE = 0.92196 WITH 4 DEGREES OF FREEDOM SIGNIFICANCE = 0.9713

CRAMER'S V = 0.32976

COCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST. COE LAKE ERIE LR15

SLOPE DON URBAN SLOPE VALUE C R O S S T A B U L A T I O N O F I N T R I N S I C E R O D A B I L I T Y

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 21. M.C. TR18 PUCKEY PAGE 1 OF 1

		RFAC			
COUNT		0.24	0.37	0.43	ROW TOTAL
COL PCT	TOT PCT	0.241	0.371	0.431	
SLOPE	0.2	0	0	0	0
LESS THAN 0.2	100.0	0.0	0.0	0.0	2.1
	100.0	0.0	0.0	0.0	
	2.1	0.0	0.0	0.0	
0.5	0.5	0	0	0	0
	0.0	100.0	0.0	0.0	6.3
	0.0	10.7	0.0	0.0	
	0.0	6.3	0.0	0.0	
1.0	1.0	0	2	1	2
	0.0	64.0	36.0	52.1	
	0.0	21.1	47.4		
	0.0	33.3	18.8		
3-5	4.0	0	0	1	1
	0.0	28.6	71.4	29.2	
	0.0	14.3	52.6		
	0.0	8.3	20.8		
9-11	10.0	0	1	0	1
	0.0	100.0	0.0	10.4	
	0.0	17.9	0.0		
	0.0	10.4	0.0		
COLUMN TOTAL	0	2.1	38.3	39.6	100.0

COOCCUPPENCE TABLES

FILE MFI ICATION DATE = 11/07/781 BUFFALO DIST., CCE LAKE EPIE LRIS

TEXTURE OF SURFACE HORIZON CROSSLA TION OF MAJCA LAND USE CATEGORIES

CONTROLLING FOR... LU VALUE = 21: H.C. TRIB BUCKEY PAGE 1 OF 1

COUNT		LU	
ROW PCT	ICROPLAND FOREST	ROW	TOTAL
COL PCT			
TOT PCT	1.1 4.1		
FEFF	2.1		
SILTCLAYLOAM	100.0 0.0	0	4.2
	4.4 0.0		
	4.2 0.0		
SILTY LOAM	3.2		
	93.5 6.5	5	95.8
	95.6 100.0		
	89.6 6.3		
COLUMN			
TOTAL	93.7 6.3	5	100.0

FISHER'S EXACT TEST = 1.00000

PHI = 0.0384

COE LRIS CROSSTABS UPDATE

FILE #01 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS
 PERM PERMEABILITY, LOW VALUE IN HCR12., IN P MR BY LU MAJOR LAND USE CATEGORIES
 BASIN SAMPLING STATION WABIN VALUE = 21. M.C. TRIB BUCKEY
 PAGE 1 OF 1

		COUNT		LU		CROPLAND FOREST		RCH	
		ROW PCT	COL PCT	TOT PCT		ROW PCT	COL PCT	TOT PCT	
PERM									
BELG .01 TO 0.09	2.	94.3	3	0	4.1				
		73.3	66.7	72.5					
		68.7	4.2						
BELG .20 TO 0.59	4.	100.0	1	0	1				
		22.2	0.0	20.8					
		20.8	0.0						
BELG .60 TO 1.9	5.	66.7	33.3	0	6.2				
		4.4	33.3						
		4.2	2.1						
COLUMN TOTAL		93.8	6.3	100.0					

CORRELATION TABLES

FILE MF1 (CREATION DATE = 11/27/78) BUFFALO DIST. JOE LAKE LPHL LRI5

..... C.R.C.S.T.A.B.U.L.A.T.I.U.N. O.F. MAJOR LAND USE CATEGORIES
 CAP LAND CAPABILITY CLASS WITH LIPITS BY LU
 CENTRECELL FOR...
 BASIN SAMPLING STATION BASIN VALUE = 21. M.C. TRIP ECKEY
 PAGE 1 OF 1

CAP	LU				RCH TOTAL
	COUNT	ROW PCT	CROPLAND	FOREST	
	CUL PCT	TOT PCT	TOT PCT	TOT PCT	
2E	3.	100.0	0.0	0.0	29.2
		31.1	0.0	0.0	
		29.2	0.0	0.0	
2M	4.	90.9	9.1	0.0	45.8
		44.4	66.7	0.0	
		41.7	4.2	0.0	
3E	6.	100.0	0.0	0.0	10.4
		11.1	0.0	0.0	
		10.4	0.0	0.0	
3M	7.	83.3	16.7	0.0	12.5
		11.1	33.3	0.0	
		10.4	2.1	0.0	
5M	13.	100.0	0.0	0.0	2.1
		2.2	0.0	0.0	
		2.1	0.0	0.0	
COLUMN TOTAL	4	93.7	6.3	0.0	100.0

GHI SQUARE = 0.27475 WITH 4 DEGREES OF FREEDOM SIGNIFICANCE = 0.9914
 CRAMER'S V = 0.23525

COCCURRENCE TABLES

FILE #F1 (CREATION DATE = 11/07/78) BUFFALO DIST-LAKE ERIE LRES

..... C R O S S T A B U L A T I O N L F CHARACTERISTICS CODE

1L MAJOR LAND USE CATEGORIES

..... VALUE = 21. M-C. 1R1U EUREV

..... PAGE 1 OF 1

.....

ERLU

COUNT	RUM PCT	VERYPOOR	POORLY	SCHEPCLER	MOD-WELL	RUM
COL PCT	ERNAINED	DRAINED	ERNAINED	DRAINED	TOTAL	TOTAL
TOT PCT	1.1	2.1	3.1	4.1		
LU	1.1	0	0	3	1	5
CROPLAND	2.2	11.1	66.7	20.0	100.0	73.7
	100.0	83.3	93.1	100.0		
	2.1	10.4	62.5	18.8		
FOREST	0	0	0	0	0	0
	0.0	32.3	66.7	0.0	6.3	
	0.0	16.7	6.2	0.0		
	0.0	2.1	4.2	0.0		
COLUMN TOTAL	0	1	3	1	5	
	2.1	12.5	66.7	18.8	100.0	

COCURRENCE TABLES

FILE #01 CREATION DATE 10/24/80 BUFFALO DIST. CO. LAKE ERIE LUIS
 LU MAJOR LAND USE CATEGORY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 CONTROLLING FGR. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 BASIN 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 VALUE 21. M.C. TRIP EUREY
 PAGE 1 OF 1

LU	COUNT		PCT		C		R	
	1	2	3	4	5	6	7	8
CROPLAND	100.0	0.24	0.37	0.43	TOTAL			
	2.2	57.8	40.6	93.8				
	100.0	92.9	94.7	37.5				
FOREST	0.0	0.0	0.0	0.0	TOTAL			
	0.0	7.1	3.3	0.0				
	0.0	4.2	2.1	0.0				
COLUMN TOTAL		2.1	58.3	36.6	100.0			

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LAIS

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FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LAIS
***** C R C S T A B U L A T I O N O F *****
TEXT TEXTURE OF SURFACE NOBILIN BY SLOPE DUN URBAN SLOPE VALUE

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CONTROLLING FOR:		VALUE *	12. MONEY CR @ 231	PAGE 1 OF 2
BASIN	SAMPLING STATION BASIN			

199

CCE LRIS CROSSTABS UPDATE

FILE #01 (CREATION DATE = 11/10/78) BUFFALO DIST., LOE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HCBIZ..IN P HR BY SLOPE DOW URBAN SLOPE VALUE

CONTROLLING FOR.. 12. HOMEY CR 2 231

BASIN SAMPLING STATION WAS IN

PAGE 1 OF 1

SLOPE												
COUNT CUL PCT TOT PCT	LESS THAN 0.2	0.5	1.0	2.0	3-5	6-8	9-11	15-17	18 OR GREATER	ROW TOTAL		
PERM	2-	0.21	0.51	1.01	2.01	4.01	7.01	10.01	16.01	18.01		
		2	1	73	7	39	0	1	0	0	124	
BELO .01 TO 0.09	1-8	0.5	55.2	5.4	31.8	0.1	0.1	0.1	0.2	0	75.2	
	21.4	4.7	92.2	100.0	78.3	9.1	32.4	100.0	100.0	0		
	1.3	0.4	44.5	4.1	23.9	0.1	0.7	0.1	0.1	0		
BELO .20 TO 0.59	4-	7	4	4	0	7	1	2	0	0	27	
	27.8	14.7	16.2	0.0	27.8	3.8	9.4	0.0	0.0	0	10.2	
	71.8	30.2	5.5	0.0	14.7	90.9	67.6	0.0	0.0	0		
	4.5	2.4	2.7	0.0	4.5	0.6	1.5	0.0	0.0	0		
BELO .60 TO 1.9	5-	1	8	1	0	2	0	0	0	0	12	
	5.7	68.9	4.6	0.0	15.6	0.0	0.0	0.0	0.0	0	7.4	
	6.8	65.1	1.5	0.0	3.8	0.0	0.0	0.0	0.0	0		
	0.4	5.1	6.7	0.0	1.2	0.0	0.0	0.0	0.0	0		
BELO 2.0 TO 5.9	6-	0	0	0	0	2	0	0	0	0	3	
	0.0	0.0	23.6	0.0	76.2	0.0	0.0	0.0	0.0	0	1.3	
	0.0	0.0	0.6	0.0	3.2	0.0	0.0	0.0	0.0	0		
	0.0	0.0	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0		
COLUMN TOTAL	10	13	75	7	50	1	4	0	0	165		
	6.3	7.8	48.2	4.1	30.5	0.7	2.2	0.1	0.1	0	100.0	

COOCCURRENCE TABLES

FILE MP1 CREATION DATE = 11/07/78) BUFFALO DIST. CODE NAME ENTER LRIS

LU REJOR LAND USE CATEGORIES BY SLOPE ROW URBAN SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE 12. PONEY CR 2 231 PAGE 1 OF 1

LU	COUNT ROW PCT COL PCT	SLOPE										ROW TOTAL
		0.2	0.5	1.0	2.0	3-5	4-8	9-11	15-17	18 OR GREATER	18.01	
CROPLAND	1.	9	8	65	5	44	1	3	0	0	0	137
		6.9	5.8	47.9	4.0	32.2	0.7	2.3	0.1	0.1	0.1	82.7
PASTURE	3.	88.7	60.3	82.4	82.1	87.5	90.9	86.9	100.0	50.0	0.1	1
		5.7	4.8	39.6	3.3	28.6	0.6	1.9	0.1	0.1	0.1	0.5
FOREST	4.	0	0	0	0	0	0	0	0	0	0	17
		0.0	0.0	44.4	11.1	44.4	0.0	0.0	0.0	0.0	0.0	10.3
WATER	5.	0	0	0	0	0	0	0	0	0	0	1
		11.1	55.6	22.2	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
OTHER	6.	0	2	4	0	3	0	0	0	0	0	10
		3.1	24.5	40.8	3.1	26.5	0.0	2.0	0.0	0.0	0.0	5.9
TOTAL		11	13	79	7	50	1	4	0	0	0	165
		6.4	7.9	48.1	4.1	30.4	0.7	2.2	0.1	0.1	0.1	100.0

CHI SQUARE = 10.27205 WITH 32 DEGREES OF FREEDOM SIGNIFICANCE = 0.9999

CHAMBERS V = 0.12468

COCCURRENCE TABLES

FILE NFI (CREATION DATE = 11/77/74) BUFFALO DIST. LAKE ERIE LUIS

SCAPE DUN UREAN SLOPE VALUE C C C S T A B L A T I O N O F INTRINSIC PROBABILITY

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 12. PONEY CR 2 231

PAGE 1 OF 2

SLOPE	PFAC														TOTAL
	COUNT	0.10	0.17	0.20	0.24	0.28	0.32	0.37	0.43	0.43	0.37	0.32	0.28	0.24	
0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	10
0.5	0.5	2.9	0.0	0.0	18.4	77.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
1.0	1.0	9.1	0.0	0.0	65.5	54.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
2.0	2.0	0.2	0.0	0.0	1.2	4.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
3-5	4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	79
6-8	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	46.2
9-11	10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
TOTAL		3	0	0	3	15	9.0	4.5	69.1	33.3	100.0	165	100.0	100.0	100.0

(CONTINUED)

COOCCURRENCE TABLES

FILE #01 ICREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE EPIC LMIS

..... C R U S T A B U L A T I O N U F INTRINSIC PROBABILITY

SLOPE DOWN URBAN SLOPE VALUE

CONTROLLING FUR... BASIN SAMPLING STATION BASIN

VALUE = 12. MCNEY CR 231

..... PAGE 2 OF 2

PEAC

COUNT	PEAC										ROW TOTAL
	C.10	0.17	C.20	0.24	0.28	0.32	0.37	0.43			
ROW PCT	0.101	0.171	0.201	0.241	0.281	0.321	0.371	0.431			
TOT PCT	0.101	0.171	0.201	0.241	0.281	0.321	0.371	0.431			
SLOPE	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
18 CP GREATER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
COLUMN TOTAL	3	0	0	3	15	7	81	55	165	100.0	
	2.0	0.2	0.2	1.0	9.0	4.5	49.1	33.3			

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LR15

TEXTURE OF SURFACE HORIZON CROSSLATITUDE OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 12. MONEY CR # 231

PAGE 1 OF 1

LU													
TEXT	COUNT		LU										ROW TOTAL
	ROW PCT	COL PCT	CROPLAND	PASTURE	FOREST	WATER	OTHER						
	TOT PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1						
SILTY CLAY	1.2		0	0	0	0	0	0	0	0	0	0	
			66.7	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
			0.1	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0		
SILTCLAYLOAM	2.1		0	0	3	0	0	1	0	0	0	29	
			82.1	0.3	12.0	0.7	4.8	17.6	0.0	0.0	0.0	17.6	
			17.5	11.1	20.6	22.2	14.3	0.8	0.0	0.0	0.0		
LOAM	3.1		5	0	0	0	0	0	0	0	0	6	
			87.7	0.0	7.0	0.0	5.3	3.1	0.2	0.0	0.0	3.5	
			3.7	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0		
SILTY LOAM	3.2		106	1	13	1	6	126	0	0	0	126	
			83.9	0.6	10.2	0.6	4.7	76.3	60.2	3.0	0.0	76.3	
			77.5	88.9	75.9	77.8	60.2	3.0	0.0	0.0	0.0		
FN SANDYLOAM	4.2		1	0	0	0	0	1	0	0	0	1	
			65.7	0.0	14.3	0.0	0.0	6.4	0.0	0.0	0.0	6.4	
			0.4	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0		
MUCK	6.1		1	0	0	0	0	3	2	0	0	3	
			33.3	0.0	0.0	0.0	66.7	2.0	1.3	0.0	0.0	2.0	
			0.8	0.0	0.0	0.0	22.4	1.3	0.0	0.0	0.0		
COLUMN TOTAL			137	1	17	1	10	165	10	5.9	100.0	165	
			82.7	0.5	10.3	0.5	5.9	100.0	5.9	100.0	100.0	100.0	

CHI SQUARE = 22.81255 WITH 20 DEGREES OF FREEDOM SIGNIFICANCE = 0.2981

CRAMER'S V = 0.18580

COE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LUM VALUE IN HORIZ., IN P MR BY LU MAJOR LAND USE CATEGORIES

CONTACTING FOR... BASIN SAMPLING STATION BASIN VALUE = 12. MONEY CR 231 PAGE 1 OF 1

LU										
	COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW			
	ROW PCT	COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1	TOTAL	
PERM										
BELG .01 TO 0.09	2	103	83.4	0.6	10.5	0.3	5.1	6	124	
		75.8	88.9	76.5	44.4	64.9			75.2	
		62.7	0.5	7.5	0.2	3.8				
BELC .20 TO 0.59	4	24	0.1	2	0	1			27	
		89.8	0.4	6.4	0.0	3.4			16.2	
		17.5	11.1	10.0	0.0	9.3				
		14.5	0.1	1.0	0.0	0.5				
BELD .60 TO 1.9	5	7	0	2	0	2			12	
		60.7	0.0	15.6	4.1	19.7			7.4	
		5.4	0.0	11.2	55.6	24.7				
		4.5	0.0	1.2	0.3	1.5				
BELO 2.0 TO 5.9	6	2	0	0	0	0			2	
		76.2	0.0	19.0	0.0	4.8			1.3	
		1.2	0.0	2.4	0.0	1.0				
		1.0	0.0	0.2	0.0	0.1				
COLUMN TOTAL		136	82.7	0.5	17	0.5	5.9	10	165	
					10.3				100.0	

CODDURRENCE TABLES

FILE #1 CREATION DATE = 11/07/18 BUFFALO DIST., CUP LAKE FIVE LRES

LAND CAPABILITY CLASS, WITH LIMITS C P L S S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CONTROLLING FUR... BASIN SAMPLING STATION BASIN

VALUE = 12. MONEY CR 2 231

PAGE 1 OF 2

CAP	COUNT									
	CROPLAND		PASTURE		FOREST		WATER		OTHER	
	HUM PCT	COL PCT	HUM PCT	COL PCT	HUM PCT	COL PCT	HUM PCT	COL PCT	HUM PCT	COL PCT
	1.1	1.2	3.1	3.2	4.1	4.2	5.1	5.2	6.1	6.2
1	60.0	0.0	0.0	28.0	8.0	4.0	0.0	0.0	1.5	0.0
	1.1	0.0	4.1	22.2	1.0	0.1	0.1	0.1	0.1	0.1
	0.9	0.0	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	32	0	2	6.5	0	0	0	0	1	0
	87.7	0.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	23.6	33.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19.5	0.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	69	0	10	0	0	0	0	0	84	0
	82.5	0.6	11.4	0.5	5.0	4.9	0.0	0.0	50.8	0.0
	50.7	55.6	56.5	44.4	42.9	2.5	0.0	0.0	0.0	0.0
	41.9	0.3	5.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
5	0	0	0	0	0	0	0	0	0	0
	66.7	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	6	0	0	0	0	0	0	0	6	0
	88.9	0.0	6.2	0.0	0.0	0.0	0.0	0.0	3.8	0.0
	4.1	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	18	0	3	0	0	0	0	0	23	0
	79.7	0.4	14.2	1.3	6.3	10.2	0.0	0.0	14.0	0.0
	13.5	11.1	19.4	33.3	10.2	0.6	0.0	0.0	0.0	0.0
	11.2	0.1	2.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	137	1	17	1	10	165	0.5	5.9	100.0	0.0
TOTAL	82.7	0.5	10.3	0.5	5.9	100.0	0.0	0.0	0.0	0.0

(CONTINUED)

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE ENIE LRIS

CAP LAND CAPABILITY CLASS WITH LIMITS C R G S S T A B U L A T I O N C F PAJOR LAND USE CATEGORIES

CONTROLLING FUR... BASIN SAMPLING STATION BASIN VALUE = 12. MONEY CP # 231

PAGE 2 OF 2

CAP	COUNT	LU	C R G S S T A B U L A T I O N C F						OTHER	ROM TOTAL
			1.1	2	3.1	4.1	5.1	6.1		
4E	9.	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4M	10.	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
5M	13.	91.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
6M	16.	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
7E	18.	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
COLUMN TOTAL	137	82.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	165

CHI SQUARE = 30.7777 WITH 44 DEGREES OF FREEDOM SIGNIFICANCE = 0.9343

CRAMER'S V = 0.2152

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R G S T A B U L A I U N U F DRAINAGE CHARACTERISTICS CODE

CENTRELLING FOR... BASIN SAMPLING STATION BASIN VALUE = 12. MONEY CR 231 PAGE 1 OF 1

ERCO										
LU	COUNT ROW PCT CUL PCT TOT PCT	EVERYPOUR		POOPY		SCMEPCR		MOD-WELL		ROW TOTAL
		REMAINED TOT PCT	DRAINED 2.1	DRAINED 1.1	DRAINED 2.1	UNRAINED 3.1	UNRAINED 4.1	DRAINED 5.1		
CREFLAND	1.	13	18	85	12	4			137	
		9.7	13.2	65.3	9.0	2.9			82.7	
		75.0	81.8	83.5	88.5	72.2				
		8.0	10.9	54.6	7.4	2.4				
PASTURE	3.		0	1	0	0			1	
		0.0	11.1	17.8	11.1	0.0			0.5	
		0.0	0.5	7	0.7	0.0				
		0.0	0.1	0.4	0.1	0.0				
FOREST	4.		3	11	1	1			17	
		8.6	16.5	62.4	5.9	6.5			17.3	
		8.5	12.7	10.6	7.2	20.4				
		0.9	1.7	6.4	0.6	0.7				
WATER	5.		0	0	0	0			1	
		22.2	11.1	44.4	0.0	22.2			0.5	
		1.1	0.5	0.4	0.0	3.7				
		0.1	0.1	6.2	0.0	0.1				
OTHER	6.		3	5	0	0			10	
		27.6	10.2	55.1	5.1	2.0			5.9	
		15.3	4.5	5.1	3.6	3.7				
		1.6	0.6	3.3	0.3	0.1				
COLUMN TOTAL	18	22	106	14	5	165				
	10.7	13.3	64.3	8.4	3.3	100.0				

COOCCURRENCE TABLES

FILE #F1 CREATION DATE = 11/01/78) BUFFALO DIST., CUE LAKE ERIE LR15

LU MAJOR LAND USE CATEGORIES CROSSTABULATION OF INTRINSIC EXPOSIBILITY
 CONTROLLING FOR...
 BASIN SAMPLING STATION BASIN VALUE = 12. MONEY LR 231
 PAGE 1 OF 1

LU	RFAC										TOTAL
	COUNT	0.10	0.17	0.20	0.24	0.28	0.32	0.37	0.43	0.431	
	ROM PCT	0.10	0.17	0.20	0.24	0.28	0.32	0.37	0.43	0.431	
	TOT PCT	0.10	0.17	0.20	0.24	0.28	0.32	0.37	0.43	0.431	
1.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	136
2.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	82.7
3.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
4.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
5.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	17
6.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	10.3
7.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
8.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
9.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	10
10.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	5.9
11.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.9
12.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.6
COLUMN TOTAL	3	2.0	0.2	0.2	1.8	9.0	4.5	49.1	33.3	55	165
											100.0

CONCURRENCE TABLES

FILE MF1 CREATION DATE = 11/27/78) BUFFALO DIST. VALUE LARE CMIF CMIS

TEXTURE OF SURFACE HORIZON C.R.C.S.T.A.B.U.L.A.T.I.O.N. OF DCA UPRAN SLICE VALUE

CONTROLLING FOR... VALUE = 20. M.C. TRIB DEL MU

EASIN SAMPLING STATION RASIN PAGE 1 OF 1

SLOPE

TEXT	COUNT					ROW				
	ROW	PCF	1/2	3/4	5/8	1.0	1.01	1.02	1.03	TOTAL
	COL	PCF	0.2	0.21	0.51	0.51	1.01	4.01		
	TOT	PCF								
SILTCLAYLOAM	2.1	0	0	0	0	0	0	0	1	12.2
		16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
LCAM	3.1	0	0	0	0	0	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SILTY LOAM	3.2	0	0	0	0	0	0	0	0	4
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.5
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
COLUMN	0	0	0	0	0	0	0	0	0	5
TOTAL	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	100.0

CDE LRIS CRUSTABS UPDATE

FILE MFI CREATION DATE = 11/10/79J BUFFALO DIST.,CDE LAKE ERIE LRIS

PERM PERMEABILITY,LOW VALUE IN HORIZ.,IN PNR BY SLOPE DON URBAN SLOPE VALDE
CONTROLLING FOR...
BASIN SAMPLING STATION BASIN

VALUE = 20. H.C. FRIB DEL MO
PAGE 1 OF 1

SLOPE

COUNT	SLOPE					ROW TOTAL
	LESS THAN 0.2	0.21	0.51	1.01	3-5	
PERM	ROW PCT	COL PCT	TOT PCT			
2.	0	0	0	2	2	4
DELG .01 TO 0.09	0.0	0.0	0.0	41.5	58.5	83.7
	0.0	0.0	0.0	85.5	85.7	
	0.0	0.0	0.0	34.7	49.0	
4.	0	0	0	0	0	0
DELG .20 TO 0.59	33.3	0.0	0.0	66.7	0.0	6.1
	100.0	0.0	0.0	10.5	0.0	
	2.0	0.0	0.0	4.1	0.0	
5.	0	0	0	0	0	0
DELG .60 TO 1.9	0.0	20.0	0.0	0.0	80.0	10.2
	0.0	100.0	0.0	0.0	14.3	
	0.0	2.0	0.0	0.0	8.2	
COLUMN	0	0	0	2	3	5
TOTAL	2.0	2.0	2.0	38.2	57.1	100.0

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/78) BUFFALO DIST., CCE LAKE ERIE LRIS
 LU MAJOR LAND USE CATEGORIES C R O S S T A B U L A T I O N O F
 CONTROLLING FOR... BY SLOPE DON URBAN SLOPE VALUE
 BASIN SAMPLING STATION BASIN VALUE = 20. H.C. TRIB BEL MO PAGE 1 OF 1

LU	SLOPE						ROW TOTAL
	COUNT	0.0	0.5	1.0	3-5	4-10	
	ROW PCT	0.2	0.51	1.0	1.01	4.01	
	TOT PCT	0.21	0.51	1.0	1.01	4.01	
1.		0	0	2	2	4	
		2.3	2.3	37.2	58.1	87.8	
CROPLAND		100.0	100.0	84.2	89.3		
		2.0	2.0	32.7	51.0		
4.		0	0	0	0	0	
		0.0	0.0	60.0	40.0	10.2	
FOREST		0.0	0.0	15.8	7.1		
		0.0	0.0	6.1	4.1		
6.		0	0	0	0	0	
		0.0	0.0	0.0	100.0	2.0	
OTHER		0.0	0.0	0.0	3.6		
		0.0	0.0	0.0	2.0		
COLUMN TOTAL		2.0	2.0	30.8	97.1	100.0	

CHI SQUARE = 0.18610 WITH 6 DEGREES OF FREEDOM SIGNIFICANCE = 0.9999
 GRAHNS V = 0.13780

COOCCURRENCE TABLES

FILE MF1 ICREATION DATE = 11/07/70) BUFFALO DIST. CUE LAKE ERIE LRIS

..... C R G S T A B U L A T I O N U F INTRINSIC ERODIBILITY

SLOPE DUN UKEAN SLOPE VALUE VALUE = 20. H.C. TRIB DEL MO

CONTROLLING FUR... BASIN SAMPLING STATION BASIN PAGE 1 OF 1

		MFAC				ROW	
COUNT		1 C.24	0.32	C.37	0.43	TOTAL	
ROW PCT	CUL PCT	0.241				0.431	
TOT PCT		0.321				0.371	
SLOPE							
0.2	0	0	0	0	0	0	
LESS THAN 0.2	100.0	0.0	0.0	0.0	0.0	2.0	
	102.0	0.0	0.0	0.0	0.0		
	2.0	0.0	0.0	0.0	0.0		
0.5	0	0	0	0	0	0	
	0.0	0.0	0.0	100.0	0.0	2.0	
	0.0	0.0	0.0	12.5	0.0		
	0.0	0.0	0.0	2.0	0.0		
1.0	0	0	0	1	1	2	
	0.0	0.0	0.0	36.8	63.2	36.8	
	0.0	0.0	0.0	87.5	33.3		
	0.0	0.0	0.0	16.3	24.5		
3-5	0	0	0	0	2	3	
	0.0	14.3	0.0	0.0	85.7	57.1	
	0.0	100.0	0.0	0.0	66.7		
	0.0	8.2	0.0	0.0	49.0		
COLUMN TOTAL	2.0	0	0	16.3	73.5	102.0	

COOCCURENCE TABLES

FILE MF1 ICREATION DATE = 11/07/70) BUFFALO DIST., COE LAKE ERIE LRIS

CROSS TABULATION OF MAJOR LAND USE CATEGORIES

TEXT TEXTURE OF SURFACE HORIZON

CONTROLLING FMR.

BASIN SAMPLING STATION BASIN

VALUE = 20. M-C. TRI8 DEL MO

PAGE 1 OF 1

TEXT	LU				ROW TOTAL
	COUNT	ROW PCT	ICROPLAND	FOREST	
COL PCT	TOT PCT	1.1	4.1	6.1	
SILTCLAYLOAM	2.1	1	0	0	1
		100.0	0.0	0.0	100.0
		14.0	0.0	0.0	14.0
LOAM	3.1	0	0	0	0
		03.3	16.7	0.0	20.0
		11.6	20.0	0.0	31.6
SILTY LOAM	3.2	3	0	0	3
		86.5	10.8	2.7	100.0
		74.4	80.0	100.0	254.4
COLUMN TOTAL	4	0	0	0	4
		87.8	10.2	2.0	100.0
		87.8	10.2	2.0	100.0

CHI SQUARE = 0.13102 WITH 4 DEGREES OF FREEDOM SIGNIFICANCE = 0.9979

CRAMER'S V = 0.11598

CDE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST.,CDE LAKE ERIE LRIS
 PERM PERMEABILITY,LOW VALUE IN MGR12..IN P MR BY LU MAJOR LAND USE CATEGORIES
 CONTROLLING FOR.. VALUE = 20. M.C. TRIB REL MO
 BASIN SAMPLING STATION BASIN

		LU					
		COUNT		PCT		TOTAL	
		ROW	COL	CROPLAND	FOREST	OTHER	ROW
		PCT	PCT	TOT	PCT	PCT	TOT
PERM	2.	1.1	4.1	6.1			4
		87.8	9.8	2.4			83.7
	BELC .01 TO 0.09	83.7	80.0	100.0			
		73.5	8.2	2.0			
BELC .20 TO 0.59	4.	0	0	0			0
		66.7	33.3	0.0			6.1
		4.7	20.0	0.0			
		4.1	2.0	0.0			
BELC .60 TO 1.9	5.	0	0	0			0
		100.0	0.0	0.0			10.2
		11.6	0.0	0.0			
		10.2	0.0	0.0			
COLUMN TOTAL		4	0	10.2	2.0	0	5
		87.8					100.0

CCCCCURRENCE TABLES

FILE MFL CREATION DATE = 11/27/78) BUFFALO DIST. COE LAKE ERH LRIS

LAND CAPABILITY CLASSIFICATION C F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 20. M.C. TRIM BEL MC

PAGE 1 OF 1

CAP	COUNT									
	ROW	PCT	CRUPLAND	FOREST	ETHER	ROW	TOTAL			
	CUL	PCT								
	TOT	PCT	1.1	4.1	6.1					
2E	3.	88.9	7.4	0	3.7	3	55.1			
		55.8	40.0	100.0	2.0					
		49.0	4.1	2.0						
2M	4.	80.0	20.0	0.0	0.0	1	30.6			
		27.9	60.0	0.0	0.0					
		24.5	6.1	0.0						
3E	6.	100.0	0.0	0.0	0.0	0	2.0			
		2.2	0.0	0.0	0.0					
		2.0	0.0	0.0						
3M	7.	100.0	0.0	0.0	0.0	1	10.2			
		11.6	0.0	0.0	0.0					
		10.2	0.0	0.0						
5M	13.	100.0	0.0	0.0	0.0	0	2.0			
		2.3	0.0	0.0	0.0					
		2.0	0.0	0.0	0.0					
COLUMN TOTAL	87.8	10.2	0	2.0	0	5	100.0			

CHI SQUARE = 0.32730 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.18552

COCCURRENCE TABLES

FILE #61 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CROSS TABULATION BY DMLC DRAINAGE CHARACTERISTICS CODE

CONTROLLING FUR. BASIN SAMPLING STATION HASIN VALUE = 20. P.C. TRIG DEL MO PAGE 1 OF 1

LU	COUNT		PERCENT		COUNT		PERCENT		COUNT		PERCENT		TOTAL
	ROW	COL	ROW	COL	ROW	COL	ROW	COL	ROW	COL	ROW	COL	
CROPLAND	1.	2.3	0.0	11.6	1.1	2.1	3.1	4.1	0.0	79.1	7.0	87.9	4
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
FOREST	4.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER	6.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMNS TOTAL		2.0	10.2	1.1	2.1	3.1	4.1	0.0	79.1	7.0	87.9	100.0	5

COCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST. COE LAKE ERIE LRIS
 C P C S T A B U L A T I O N U F INTRINSIC ERULABILITY
 LL MAJOR LAND USE CATEGORIES
 CONTROLLING FIP. VALUE = 20. M.C. TRIG BEL NO
 BASIN SAMPLING STATION BASIN PAGE 1 OF 1

PFAC												
COUNT	ROM PCT	10.24	0.32	C.37	C.43	ROM						
CUL PCT												
TOT PCT	0.241	0.321	C.371	C.431	TOTAL							
LU	1.	0	0	1	3	4						
CRUPLAND	2.3	9.3	16.2	72.1	87.8							
	100.0	100.0	87.5	86.1								
	2.0	8.2	14.3	63.3								
FOREST	4.	0	0	C	0	0						
	0.0	0.0	20.0	80.0	10.2							
	0.0	0.0	12.5	11.1								
	0.0	0.0	2.0	8.2								
OTHER	6.	0	0	C	2	0						
	0.0	0.0	0.0	100.0	2.0							
	0.0	0.0	0.0	2.8								
	0.0	0.0	0.0	2.0								
COLUMN	0	0	1	4	5							
TOTAL	2.0	8.2	16.3	73.5	100.0							

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE ERIE LRIS

FILE #01 (CREATION DATE = 11/37/78) BUFFALO DIST., QUE LAKE ERIE LRIS

TEXT	TEXTURE OF SURFACE HORIZON	BY SLOPE	CRS STABILIZATION OF	DON UREAN SLOFE VALUE

CONTROLLING FOR..	VALUE =	11. MONEY CR @ MU
BASIN		
SAMPLING STATION BASIN		

PAGE 1 OF 1

		SLOPE										
TEXT	COUNT	LESS THAN									ROW TOTAL	
	ROM PCT	0.2	0.5	1.0	2.0	3-5	6-8	9-11	15-17	18 OR GREATER		
	TOT PCT	0.2	0.5	1.0	2.0	2.01	4.01	7.01	10.01	16.01		18.01
SILTY CLAY	1.2	0	0			0	0	0	0	0	0	0
		7.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
		0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SILTIC LAM	2.1	10	4	16		0	0	0	0	0	0	30
		32.8	13.9	52.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	17.1
		88.4	29.8	19.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
		5.6	2.4	9.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
LOAM	3.1	0	0	2		0	5	0	0	0	0	7
		4.1	0.0	21.6	0.0	74.3	0.0	0.0	0.0	0.0	0.0	4.2
		2.7	0.0	1.5	0.0	9.7	0.0	0.0	0.0	0.0	0.0	
		0.2	0.0	0.5	0.0	3.1	0.0	0.0	0.0	0.0	0.0	
SILTY LOAM	3.2	1	7	64		6	51	1	4	0	0	134
		0.4	4.9	40.0	4.8	37.9	0.8	2.8	0.1	0.2	0.2	76.2
		5.4	46.8	78.1	97.0	90.1	100.0	100.0	100.0	100.0	100.0	
		0.3	3.7	36.5	3.7	28.9	0.6	2.2	0.1	0.1	0.2	
FN SANDY LOAM	4.2	0	0	1		0	0	0	0	0	0	1
		0.0	0.0	85.1	0.0	14.3	0.0	0.0	0.0	0.0	0.0	0.4
		0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	
MUCK	6.1	0	3	0		0	0	0	0	0	0	3
		11.8	88.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
		3.6	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL		11	14	82	7	56	1	4	0	0	0	176
TOTAL		6.4	8.0	46.1	3.8	32.0	0.6	2.2	0.1	0.2	0.2	100.0

COE LRI5 CRUSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRI5

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR CROSS TABULATED BY SLOPE DON URBAN SLOPE VALUE

CONTROLLING FUR.

BASIN SAMPLING STATION BASIN

VALUE = 11. MONEY CR 2 MO

PAGE 1 OF 1

SLOPE													
COUNT ROW PCT COL PCT TOT PCT	SLOPE												
	LESS THAN 0.2	0.2	0.5	1.0	2.0	3-5	6-8	9-11	15-17	18 OR GREATER	ROM TOTAL		
PERM	0.2	0.5	1.0	2.0	3-5	6-8	9-11	15-17	18 OR GREATER	ROM TOTAL			
BELO .01 TO 0.09	2	1	76	7	44	0	0	0	0	0	132		
	1.9	0.5	37.6	5.1	33.6	0.1	1.0	0.1	0.2	75.1			
	23.1	4.3	92.1	100.0	78.4	9.1	34.2	100.0	100.0				
BELO .20 TO 0.59	1.4	0.3	43.2	3.8	25.2	0.1	0.7	0.1	0.2				
	8	4	16.5	0	8	1	2	0	0	27			
	27.9	14.3	16.5	0.0	27.9	3.7	9.2	0.0	0.0	15.5			
BELO .60 TO 1.9	70.4	28.1	5.6	0.0	13.5	90.9	65.8	0.0	0.0				
	4.3	2.2	2.6	0.0	4.3	0.6	1.4	0.0	0.0				
	1	9	1	0	3	0	0	0	0	14			
BELO 2.0 TO 5.9	5.0	66.7	9.5	0.0	18.4	0.0	0.0	0.0	0.0	8.0			
	6.5	67.6	1.7	0.0	4.6	0.0	0.0	0.0	0.0				
	0.4	5.4	0.6	0.0	1.5	0.0	0.0	0.0	0.0				
BELO 6.0 TO 10.0	0	0	0	0	2	0	0	0	0	2			
	0.0	0.0	20.0	0.0	80.0	0.0	0.0	0.0	0.0	1.4			
	0.0	0.0	0.6	0.0	3.5	0.0	0.0	0.0	0.0				
BELO 10.0 TO 15.0	0.0	0.0	0.3	0.0	1.1	0.0	0.0	0.0	0.0				
	11	14	42	7	56	1	4	0	0	176			
	6.1	7.9	47.0	3.8	32.2	0.6	2.2	0.1	0.2	100.0			
COLUMN TOTAL													

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

***** C R O S S T A B U L A T I O N O F *****
 LU MAJOR LAND USE CATEGORIES BY SLOPE 11. MONEY CR 2 MO PAGE 1 OF 1

CONTROLLING FOR...
 BASIN SAMPLING STATION BASIN

SLOPE											
COUNT	SLOPE										ROW TOTAL
	LESS THAN 0.5	1.0	2.0	3-5	6-8	9-11	15-17	18 OR GREATER			
ROW PCT	0.2	0.5	1.0	2.0	4.0	7.0	10.0	16.0	18.0		
TOT PCT	0.2	0.5	1.0	2.0	4.0	7.0	10.0	16.0	18.0		
1. CROPLAND	10	8	68	5	49	1	3	0	0	149	
	6.8	5.9	46.7	3.8	33.7	0.7	2.3	0.1	0.1	82.4	
	88.4	60.3	82.2	82.1	86.7	90.9	86.8	100.0	33.3		
	5.6	4.8	38.5	3.1	27.8	0.6	1.9	0.1	0.1		
3. PASTURE	0	0	0	0	0	0	0	0	0	1	
	0.0	0.0	45.5	9.1	45.5	0.0	0.0	0.0	0.0	0.6	
	0.0	0.0	0.6	1.5	0.9	0.0	0.0	0.0	0.0		
	0.0	0.0	0.3	0.1	0.3	0.0	0.0	0.0	0.0		
4. FOREST	1	2	10	1	4	0	0	0	0	19	
	4.8	13.4	53.5	3.7	21.4	0.5	1.6	0.0	1.1	10.6	
	8.0	17.7	12.1	10.4	7.1	9.1	7.9	0.0	66.7		
	0.9	1.4	5.7	0.4	2.3	0.1	0.2	0.0	0.1		
5. WATER	0	1	0	0	0	0	0	0	0	1	
	8.3	58.3	16.7	8.3	8.3	0.0	0.0	0.0	0.0	0.7	
	0.9	5.0	0.2	1.5	0.2	0.0	0.0	0.0	0.0		
	0.1	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
6. OTHER	0	2	4	0	3	0	0	0	0	10	
	3.0	23.6	39.6	3.0	28.7	0.0	2.0	0.0	0.0	5.7	
	2.7	17.0	4.8	4.5	5.1	0.0	5.3	0.0	0.0		
	0.2	1.4	2.3	0.2	1.6	0.0	0.1	0.0	0.0		
COLUMN TOTAL	11	16	82	7	36	1	4	0	0	176	
TOTAL	6.4	8.0	46.8	3.8	32.0	0.6	2.2	0.1	0.2	100.0	

CHI SQUARE = 11.89926 WITH 32 DEGREES OF FREEDOM SIGNIFICANCE = 0.9995
 CRAMER'S V = 0.12990

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/79) BUFFALO DIST., COE LAKE ERIE LRIS

SLOPE DUN URAN SLOPE VALUE C R G S T A B U L A T I O N C F INTRINSIC ERUDABILITY

CONTROLLING FUR... BASIN SAMPLING STATION BASIN

VALUE = 11. MONEY CR 2 MO

PAGE 1 OF 2

SLOPE	COUNT											ROW TOTAL
	0.2	0.5	1.0	2.0	3-5	6-8	9-11	12-15	16-20	21-25	26-30	
LESS THAN 0.2	3.7	11.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
3-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82
6-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.9
9-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
12-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
16-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56
21-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.1
26-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
COLUMN TOTAL	3	1.9	0.2	0.2	1.8	9.1	4.8	46.8	35.3	100.0	176	100.0

(CONTINUED)

EDCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/18) BUFFALO DIST-101 LAKE EMIE LRS

***** C R G S T A B U L A T I O N C F ***** INTRINSIC ERUDABILITY *****

SLOPE DOWN SLOPE VALUE
CONTROLLING FOR.....
BASIN SAMPLING STATION BASIN

***** VALUE = 11. MONEY CR 2 MO ***** PAGE 2 OF 2

KFAC													
COUNT	1	0.10	0.17	0.24	0.28	0.32	0.37	0.43	0.43	0.43	0.43	0.43	0.43
ROM PCT	1	0.101	0.171	0.241	0.281	0.321	0.371	0.431	0.431	0.431	0.431	0.431	0.431
COL PCT	1	0.101	0.171	0.241	0.281	0.321	0.371	0.431	0.431	0.431	0.431	0.431	0.431
15-17	16.2	0	0	0	0	0	0	0	0	0	0	0	0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18 OR GREATER	18.0	0	0	0	0	0	0	0	0	0	0	0	0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TOTAL	1.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

COOCCURENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST., CCE LAKE ERIE LRIS

TEXT FEATURE OF SURFACE HORIZON CROSSL TABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 11. HONEY CR 2 MO PAGE 1 OF 1

COUNTY		LU							ROW TOTAL
ROW PCT	COL PCT	CROPLAND	PASTURE	FOREST	WATER	OTHER			
TOT PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1			
SILTY CLAY	1.2	0	0	0	0	0	0	0	
		66.7	0.0	33.3	0.0	0.0	0.0	0.2	
		0.1	0.0	0.5	0.0	0.0	0.0		
		0.1	0.0	0.1	0.0	0.0	0.0		
SILT CLAYLOAM	2.1	25	0	4	0	1	30	17.1	
		82.1	0.3	12.3	0.7	4.6			
		17.1	9.1	19.8	16.7	13.9			
		14.1	0.1	2.1	0.1	0.8			
LOAM	3.1	6	0	1	0	0	7	4.2	
		85.1	0.0	10.9	0.0	4.1			
		4.3	0.0	4.3	0.0	3.0			
		3.6	0.0	0.5	0.0	0.2			
SILTY LOAM	3.2	112	1	14	1	6	134	76.2	
		83.5	0.7	10.4	0.7	4.6			
		77.2	90.9	74.9	83.3	61.4			
		63.6	0.6	7.9	0.6	3.5			
FN SANDYLOAM	4.2	1	0	0	0	0	1	0.4	
		85.7	0.0	14.3	0.0	0.0			
		0.4	0.0	0.5	0.0	0.0			
		0.3	0.0	0.1	0.0	0.0			
MUCK	6.1	1	0	0	0	2	3	1.9	
		35.3	0.0	0.0	0.0	64.7			
		0.0	0.0	0.0	0.0	21.8			
		0.7	0.0	0.0	0.0	1.2			
COLUMN TOTAL	145	1	19	10.6	0.7	5.7	176	100.0	

CHI SQUARE = 22.87341 WITH 20 DEGREES OF FREEDOM SIGNIFICANCE = 0.2951

CRAMER'S V = 0.18010

CCE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., CUE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN H&H2, IN P NH C F MAJOR LAND USE CATEGORIES

CONTROLLING FOR...

BASEIN SAMPLING STATION BASIN

VALUE =

11. MOKEY CR 2 MO

PAGE 1 OF 1

LU									
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW	TOTAL		
RUM PCT	COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1		
PERM	110	1	14	0	7	132	75.1		
BELO .01 TO 0.09	83.2	0.8	10.6	0.4	5.0	100.0	66.0		
	75.9	90.9	74.5	41.7	66.0	100.0	3.8		
	62.5	0.6	8.0	0.3	3.8	100.0	27		
BELO .20 TO 0.59	24	0	2	0	1	15.5	15.5		
	89.0	0.4	7.4	0.0	3.3	100.0	9.0		
	16.7	9.1	10.7	0.0	0.5	100.0	14		
	13.8	0.1	1.1	0.0	0.5	100.0	8.0		
BELO .60 TO 1.9	9	0	2	1	2	14	14		
	62.4	0.0	15.6	5.0	17.0	100.0	25.0		
	6.1	0.0	11.6	58.3	25.0	100.0	1.4		
	5.0	0.0	1.3	0.4	1.4	100.0	2		
BELO 2.0 TO 5.9	2	0	0	0	0	1.4	1.4		
	76.0	0.0	20.0	0.0	4.0	100.0	1.0		
	1.3	0.0	2.7	0.0	1.0	100.0	0.1		
	1.1	0.0	0.2	0.0	0.1	100.0	10		
COLUMN TOTAL	145	1	15	1	10	176	100.0		
	82.4	0.6	10.6	0.7	5.7	100.0			

COMPLETION TABLES

FILE MFI ICREATION DATE = 11/07/78) BUFFALO DIST., CODE LAKE ERIE LRIS

LAND CAPABILITY CLASSIFICATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FUR... BY LU VALUE = 11. MONEY CR 2 MU

BASIN SAMPLING STATION BASIN PAGE 1 OF 2

CAP	COUNT										TOTAL
	1	2	3	4	5	6	7	8	9	10	
CAP	COUNT										TOTAL
	1	2	3	4	5	6	7	8	9	10	
1	60.6	0.0	27.2	9.1	3.0	1.9					101.8
2	1.4	0.0	4.8	25.0	1.0						32.2
3	1.1	0.0	0.2	0.2	0.1						1.6
4	100.0	0.0	0.0	0.0	0.0	0.4					100.4
5	0.5	0.0	0.0	0.0	0.0						0.5
6	0.4	0.0	0.0	0.0	0.0						0.4
7	37	0	2	0	2						41
8	87.0	0.9	7.1	0.2	4.7	24.0					123.9
9	25.3	38.4	16.5	8.3	19.8						108.3
10	20.9	0.2	1.7	0.1	1.1						23.9
11	71	1	10	0	4						86
12	82.2	0.7	11.7	0.6	4.8	49.1					149.1
13	49.0	54.5	54.0	41.7	41.6						240.8
14	50.4	0.3	5.7	0.3	2.4						58.8
15	0	0	0	0	0						0
16	66.7	0.0	33.2	0.0	0.0	0.2					100.1
17	0.1	0.0	0.5	0.0	0.0						0.6
18	0.1	0.0	0.1	0.0	0.0						0.2
19	6	0	0	0	0						6
20	87.1	0.0	7.1	0.0	5.7	4.0					103.9
21	4.2	0.0	2.7	0.0	4.0						10.9
22	3.5	0.0	0.2	0.0	0.2						3.9
23	19	0	3	0	1	24					47
24	80.1	0.4	14.1	1.2	4.1	13.7					113.6
25	13.3	9.1	18.2	25.0	9.9						75.5
26	10.9	0.1	1.5	0.2	0.6						13.3
27	145	1	15	1	10	176					347
TOTAL	82.4	0.6	10.6	0.7	5.7	100.0					200.0

(CONTINUED)

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

LAND CAPABILITY CLASS WITH LU CROSSTABULATION CF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 11. HONEY CR 3 NO

PAGE 2 OF 2

10

CAP	COUNT	ROW PCT	CROPLAND	PASTURE	FCREST	WATER	OTHER	ROW TOTAL
	COL PCT							
	TOT PCT	1.1	3.1	4.1	5.1	6.1		
4E	9.	0	0	0	0	0	0	0.1
		100.0	0.0	0.0	0.0	0.0	0.0	0.0
		9.1	0.0	0.0	0.0	0.0	0.0	0.0
		0.1	0.0	0.0	0.0	0.0	0.0	0.0
5M	10.	0	0	0	0	0	0	0.1
		100.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.1	0.0	0.0	0.0	0.0	0.0	0.0
		0.1	0.0	0.0	0.0	0.0	0.0	0.0
6M	13.	8	0	0	0	0	0	9
		90.8	0.0	0.0	0.0	0.0	0.0	4.9
		5.4	0.0	0.0	0.0	0.0	0.0	0.0
		4.5	0.0	0.0	0.0	0.0	0.0	0.0
7E	16.	1	0	0	0	0	0	3
		25.0	0.0	0.0	0.0	0.0	0.0	1.6
		0.5	0.0	0.0	0.0	0.0	0.0	0.0
		0.4	0.0	0.0	0.0	0.0	0.0	0.0
8E	18.	0	0	0	0	0	0	0
		33.3	0.0	0.0	0.0	0.0	0.0	0.0
		0.1	0.0	0.0	0.0	0.0	0.0	0.0
		0.1	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	145	1	15	10.6	0.7	10	5.7	176
TOTAL	82.5	0.6	10.6	0.7	10.0	5.7	100.0	

CHI SQUARE = 33.04438 WITH 44 DEGREES OF FREEDOM SIGNIFICANCE = 0.8855

CRAPE'S V = 0.21663

COCCURRENCE TABLES

FILE #1 CREATION DATE = 11/27/181 BUFFALO DIST. JOE LAKE LVLIC LRIS

LU MAJOR LAND USE CATEGORIES

CROSS TABULATION OF DRAINAGE CHARACTERISTICS CODE

CONTROLLING FOR... BASIN SAMPLING STATION HASIN

VALUE = 11. MONEY CR 3 MU

PAGE 1 OF 1

ERCU

LU	COUNT		EVERYPOUR		POORLY		SUMPEFCR		MOD. WELL		WELL		ROW TOTAL
	ROW PCT	TOT PCT	PERAINED	DRAINED	PERAINED	DRAINED	PERAINED	DRAINED	PERAINED	DRAINED	PERAINED	DRAINED	
1.	14	18	1.1	2.1	1.1	2.1	3.1	4.1	5.1	5.1	5.1	5.1	165
CROPLAND	9.4	12.7	65.4	9.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	82.4
	75.3	81.9	83.6	86.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
	7.8	10.5	53.8	7.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
3.	0	0	0	0	0	0	0	0	0	0	0	0	1
PASTURE	0.0	9.1	31.6	9.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.6
	0.0	0.1	6.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4.	2	3	12	1	1	1	1	1	1	1	1	1	19
FOREST	8.6	15.5	62.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	11.6
	8.8	12.8	10.2	8.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	
	0.9	1.6	6.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
5.	0	0	0	0	0	0	0	0	0	0	0	0	1
WATER	16.7	8.3	50.0	0.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	0.7
	1.1	0.4	6.5	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	
	0.1	0.1	0.2	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
6.	3	1	5	1	0	0	0	0	0	0	0	0	10
OTHER	26.7	9.9	54.5	6.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.7
	14.8	4.4	4.8	4.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	
	1.5	0.6	3.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
COLUMN TOTAL	18	23	113	16	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	176
TOTAL	10.3	12.8	64.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	100.0

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRES

LU MAJOR LAND USE CATEGORIES BY KFAC INTRINSIC ENOLABILITY

CONTROLLING FUP... VALUE = 11. MONEY CR 2 MD

BASIN SAMPLING STATION BASIN PAGE 1 OF 1

LU	KFAC													RCM TOTAL
	COUNT	C.10	0.17	C.20	0.24	0.28	0.32	0.37	0.43	0.43	0.43	0.43	0.43	
1.	ROM PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145
	CUL PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3.	CREPLAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.3
	CUL PCT	35.3	66.7	100.0	83.9	81.9	84.7	82.7	84.1	84.1	84.1	84.1	84.1	
	TOT PCT	0.7	0.1	0.2	1.5	7.4	4.1	38.7	29.7	29.7	29.7	29.7	29.7	
4.	PASTURE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
	CUL PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5.	FOREST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19
	CUL PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6.	WATER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
	CUL PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7.	OTHER	2	0	0	0	0	0	0	0	0	0	0	0	10
	CUL PCT	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	64.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8.	COLUMN TOTAL	3	0	0	0	0	0	0	0	0	0	0	0	176
	CUL PCT	1.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
	TOT PCT	1.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	

COCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/181 BUFFALO DIST., COE LAKE ERIE LBIS
 C R C S T A B U L A T I O N G F
 TEXT TEXTURE OF SURFACE HORIZON BY SLOPE DCM UPRAN SLOPE VALUE
 CONTROLLING FOR... VALUE = 29. ROCK CR EAST
 BASIN SAMPLING STATION BASIN
 PAGE 1 OF 1

TEXT	SLOPE										ROW TOTAL
	COUNT	RCM PCT (LESS THAN 0.5)	1.0	3-5	9-11	10-01	10-01	10-01	10-01	10-01	
	RCM PCT / 0.2	0.21	0.51	1.01	3.33	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SILTCLAYLOAM	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3
		14.3	0.0	85.7	0.0	0.0	0.0	0.0	0.0	0.0	
		100.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	
		0.9	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	
LOAM	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
		0.0	0.0	66.7	33.3	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	3.5	2.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	1.8	0.9	0.0	0.0	0.0	0.0	0.0	
SILTY LOAM	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
		0.0	5.0	42.4	48.5	4.0	0.0	0.0	0.0	0.0	
		0.0	100.0	84.3	98.0	100.0	100.0	100.0	100.0	100.0	
		0.0	4.5	32.7	44.1	3.6	0.0	0.0	0.0	0.0	
COLUMN TOTAL		0.9	4.5	45.5	45.0	5	0	0	0	0	11
		0.9	4.5	45.5	45.0	3.6	0	0	0	0	100.0

CDE LRIS CROSSTABS UPDATE

FILE NF1 CREATION DATE = 11/10/781 BUFFALO DIST..CDE LAKE EPIE LRIS

PERM PERMEABILITY LOW VALUE IN HORIZ..IN P HR BY SLOPE DON URBAN SLOPE VALUE

CONTACTING FOR.. BASIN SAMPLING STATION BASIN VALUE = 25. ROCK CR EAST

PAGE 1 OF 1

SLOPE									
COUNT	0.0	0.5	1.0	3-5	9-11	ROM	TOTAL		
ROM PCT	0.2	0.21	0.51	1.01	4.01	10.01			
CUL PCT	0.2	0.21	0.51	1.01	4.01	10.01			
TOT PCT	0.2	0.21	0.51	1.01	4.01	10.01			
PERM	2.	0	0	5	5	0	10		
BELG .01 TO 0.09	1.0	0.0	0.0	47.6	47.6	3.9	92.8		
	100.0	0.0	0.0	96.1	96.1	100.0			
	0.9	0.0	0.0	44.1	44.1	3.6			
	0	0	0	0	0	0	1		
BELG .00 TO 1.9	0.0	71.4	14.3	14.3	0.0	0.0	6.3		
	0.0	100.0	2.0	2.0	0.0	0.0			
	0.0	4.5	5.5	0.9	0.0	0.0			
	0	0	0	0	0	0	0		
BELG 2.0 TO 5.9	0.0	0.0	100.0	0.0	0.0	0.0	0.9		
	0.0	0.0	2.0	0.0	0.0	0.0			
	0.0	0.0	0.5	0.0	0.0	0.0			
COLUMN TOTAL	0	0	45.5	45.0	3.6	0	11		
	0.9	4.5	45.5	45.0	3.6	0	100.0		

COOCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST., LACE LAKE ERIF LUIS
 LU MAJOR LAND USE CATEGORIES C P S T A B U L A T I O N O F
 CONTROLLING FIRM... BY SLOPE DOM URBIN SLOPE VALUE
 BASIN SAMPLING STATION BASIN VALUE = 29. RECK CR FAST
 PAGE 1 OF 1

SLOPE											ROW TOTAL
COUNT		LESS THAN 0.5		1.0		3-5		9-11		TOTAL	
PCT		PCT		PCT		PCT		PCT			
COL		COL		COL		COL		COL			
TOT		TOT		TOT		TOT		TOT			
PCT		PCT		PCT		PCT		PCT			
PCT		PCT		PCT		PCT		PCT			
1.	0	0	0	0	4	4	4	4	0	9	
	1.1	3.2	44.2	47.4	4.2	4.2	4.2	4.2	85.6		
	100.0	60.0	42.4	90.0	100.0	100.0	100.0	100.0	100.0		
	0.9	2.7	37.8	40.5	3.6	3.6	3.6	3.6	3.6		
3.	0	0	0	0	0	0	0	0	0		
	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	1.8		
	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0		
	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0		
4.	0	0	1	0	0	0	0	0	1		
	0.0	16.7	98.3	25.0	0.0	0.0	0.0	0.0	10.8		
	0.0	40.0	13.7	6.0	0.0	0.0	0.0	0.0	0.0		
	0.0	1.8	6.3	2.7	0.0	0.0	0.0	0.0	0.0		
6.	0	0	0	0	0	0	0	0	0		
	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	1.8		
	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0		
	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0		
COLUMN TOTAL	0	0	5	5	5	5	5	5	11		
	0.9	4.5	45.9	45.0	3.6	3.6	3.6	3.6	100.0		

CHI SQUARE = 0.70287 WITH 12 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

RAMER'S V = 0.14528

COOCCURRENCE TABLES

FILE #F1 ICKEPTILN DATE = 11/07/18J BUFFALO DIST., CUE LAKE ERIE LRIS

***** C R O S S T A B U L A T I O N U F ***** INTRINSIC ERGEABILITY *****

SLOPE DOWN UREAN SLOPE VALUE

CONTRICLLING FUR..

29. ROCK CR EAST

VALUE =

PAGE 1 OF 1

FEAL									
SLOPE	COUNT		0.28		0.32		0.37		ROW TOTAL
	ROW PCT	COL PCT	0.281	0.321	0.371	0.431	0.431	0.431	
LESS THAN 0.2	0.2	0	0	0	0	0	0	0	0
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
		25.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.9	0.0	0.0	0.0	0.0	0.0	0.0	
0.5	0.5	0	0	0	0	0	0	0	0
		10.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
		50.0	0.0	0.0	0.0	0.0	0.0	0.0	
		1.8	0.0	0.0	0.0	0.0	0.0	0.0	
1.0	1.0	0	0	0	0	0	0	0	5
		2.0	2.0	11.8	84.3	45.9	45.9	45.9	
		25.0	50.0	66.7	45.8	45.8	45.8	45.8	
		0.9	0.9	5.4	38.7	38.7	38.7	38.7	
3.5	4.0	0	0	0	0	0	0	0	5
		0.0	2.0	0.0	0.0	0.0	0.0	0.0	45.0
		0.0	50.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9-11	10.0	0	0	0	0	0	0	0	0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL		3.6	0	1.8	8.1	86.5	107.0	107.0	

COOCCURENCE TABLES

FILE MFJ CREATION DATE = 11/07/78) BUFFALO DIST., CCE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON CROSSLABULATION OF MAJOR LAND USE CATEGORIES
CONTROLLING FMR... BY LU VALUE = 29. ROCK CR EAST
BASIN SAMPLING STATION BASIN

PAGE 1 OF 1

		LU						
		COUNT						ROW TOTAL
		ROW PCT	CROPLAND	PASTURE	FOREST	OTHER		
		COL PCT	1-1	3-1	4-1	6-1		
		TOT PCT	1-1	3-1	4-1	6-1		
TEXT	2-1	71.4	0	0	0	0	1	6.3
SILTY LOAM	5.3	16.7	0	0	0	0	0	0
	4.5	1.8	0	0	0	0	0	0
LOAM	3-1	100.0	0	0	0	0	0	2.7
	3-2	3.2	0	0	0	0	0	0
	2-7	0.0	0	0	0	0	0	0
SILTY LOAM	3-2	86.1	0	0	1	0	10	91.0
	91.6	100.0	0	0	0	0	0	0
	78.4	1.8	0	0	0	0	0	0
COLUMN TOTAL	9	95.6	0	1	10.8	1.8	11	100.0

CHI SQUARE = 0.30805 WITH 6 DEGREES OF FREEDOM SIGNIFICANCE = 0.9995
CRAMER'S V = 0.11780

CDE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., CUE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR CROSSTABULATION GF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 25. ROCK CR EAST

PAGE 1 OF 1

		LU							
PERM	COUNT NOM PCT CGL PCT TOT PCT	CROPLAND PASTURE FOREST OTHER						RUM TOTAL	
		1.1	3.1	4.1	6.1	10	10		
BELO .01 TO 0.09	2.	9	0	1	0	10	92.8		
		86.4	1.9	5.7	1.9				
		93.7	100.0	83.3	100.0				
		80.2	1.8	9.0	1.8				
BELO .60 TO 1.9	5.	0	0	0	0	1	6.3		
		71.4	0.0	28.6	0.0				
		5.3	0.0	16.7	0.0				
		4.5	0.0	1.8	0.0				
BELO 2.0 TO 5.9	6.	0	0	0	0	0	0.9		
		100.0	0.0	0.0	0.0				
		1.1	0.0	0.0	0.0				
		0.9	0.0	0.0	0.0				
COLUMN TOTAL	9	85.6	1.8	10.8	1.8	11	100.0		

CONTINGENCY TABLES

FILE #11 CREATION DATE = 11/27/78) BUFFALO CREEK LAKE E-IF LMS

LAND CAPABILITY CLASSIFICATION BY LU MAJOR LAND USE CATEGORIES

CONTROLLING FACTOR: SAMPLING STATION BASIN

VALUE = 25. PICK UP EAST

PAGE 1 OF 1

CAP	LU									
	COUNT	1	2	3	4	5	6	7	8	TOTAL
	ROW PCT	1	2	3	4	5	6	7	8	
	COL PCT	1	2	3	4	5	6	7	8	
	TOT PCT	1	2	3	4	5	6	7	8	
1	1.	0	0	0	0	0	0	0	0	0
		75.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	3.6
		3.2	0.0	8.3	0.0	0.0	0.0	0.0	0.0	
		2.7	0.0	6.5	0.0	0.0	0.0	0.0	0.0	
2E	3.	4	0	0	0	0	0	0	0	5
		89.6	2.1	6.2	2.1	2.1	2.1	2.1	2.1	43.2
		45.3	50.0	25.0	50.0	50.0	50.0	50.0	50.0	
		38.7	0.9	2.7	0.9	0.9	0.9	0.9	0.9	
2W	4.	4	0	0	0	0	0	0	0	5
		87.6	2.2	13.0	2.2	2.2	2.2	2.2	2.2	41.4
		40.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
		34.2	0.9	5.4	0.9	0.9	0.9	0.9	0.9	
3E	6.	1	0	0	0	0	0	0	0	1
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
		6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3W	7.	0	0	0	0	0	0	0	0	1
		71.4	0.0	28.6	0.0	0.0	0.0	0.0	0.0	6.3
		5.3	0.0	16.7	0.0	0.0	0.0	0.0	0.0	
		4.5	0.0	1.8	0.0	0.0	0.0	0.0	0.0	
COLUMN TOTAL		9	0	1	1	0	0	0	0	11
		85.6	1.8	10.8	1.8	1.8	1.8	1.8	1.8	100.0

CHI SQUARE = 0.51965 WITH 12 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.13194

COOCCURRENCE TABLES

FILE: MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE ERIE LKIS

LU MAJOR LAND USE CATEGORIES C K U S T A B U L A T I O N C F D R A I N A G E C H A R A C T E R I S T I C S C O D E
 C O N T R O L L I N G F U R
 B A S I N S A M P L I N G S T A T I O N B A S I N

BY ORCU VALUE = 29. ROCK CR EAST PAGE 1 OF 1

LU	ORCU										
	COUNT	1	2	3	4	5	6	7	8	9	TOTAL
	FROM PCT	1	2	3	4	5	6	7	8	9	
	CUL PCT	1	2	3	4	5	6	7	8	9	
	TOT PCT	1	2	3	4	5	6	7	8	9	
CROPLAND	1.	0	0	0	0	0	0	0	0	0	0
	1.1	1.1	4.2	85.2	7.4	2.1	2.1	2.1	2.1	2.1	85.6
	100.0	66.7	86.2	100.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
	0.9	3.6	73.0	6.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8
PASTURE	3.	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FOREST	4.	0	0	0	0	0	0	0	0	0	0
	0.0	16.7	75.0	0.0	0.0	8.3	8.3	8.3	8.3	8.3	10.8
	0.0	33.3	5.0	0.0	0.0	33.3	33.3	33.3	33.3	33.3	33.3
	0.0	1.8	2.1	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
CTPER	6.	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	0	0	1	5	1	6	6	6	6	6	11
	0.9	0.9	5.4	84.7	6.3	2.7	2.7	2.7	2.7	2.7	103.0

COOCCURRENCE TABLES

FILE MFI ICREATION DATE = 11/17/18) BUFFALO DISTRICT LAKE EMIE LRIS

LU MAJOR LAND USE CATEGORIES BY KFAC INTRINSIC ENIGMABILITY

COMPILING FOR... BASIN SAMPLING STATION BASIN VALUE = 29. PCKR CR EAST PAGE 1 OF 1

		KFAC				ROW TOTAL	
COUNT		16.28	0.32	0.37	0.43		
RUM PCT		0.281	0.321	0.371	0.431		
LCL PCT		0.281	0.321	0.371	0.431		
TCL PCT		0.281	0.321	0.371	0.431		
LU		1.	2.	3.	4.	5.	6.
CREPLAND		3.2	2.1	6.3	68.4	85.6	9
		75.0	100.0	66.7	67.5		
		2.7	1.8	5.4	75.7		
PASTURE		0	0	0	0	0	
		0.0	0.0	0.0	100.0	1.8	
		0.0	0.0	0.0	2.1		
		0.0	0.0	0.0	1.8		
FOREST		0	0	0	0	0	
		8.3	0.0	25.0	66.7	17.8	
		25.0	0.0	33.3	8.3		
		0.9	0.0	2.7	7.2		
OTHER		0	0	0	0	0	
		0.0	0.0	0.0	100.0	1.8	
		0.0	0.0	0.0	2.1		
		0.0	0.0	0.0	1.8		
COLUMN TOTAL		3.6	1.8	8.1	86.5	100.0	

COCCURRENCE TABLES

FILE MF1 ICEMATION DATE = 11/07/78) BUFFALO DIST., CHIEF LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON C R O S T A B U L A T I O N C F DUN URBAN SLOPE VALUE

CONTROLLING FUR... VALUE = 3C. ROCK CR NEST

BASIN SAMPLING STATION BASIN

PAGE 1 OF 1

SLOPE

TEXT	COUNT	SLOPE										RUN TOTAL
		0.2	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	
SILTCLAYLOAM	2.1	0	0	0	0	0	0	0	0	0	0	2
		12.5	0.0	81.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
		100.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.7	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
LOAM	3.1	0	0	0	0	0	0	0	0	0	0	2
		0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
		0.0	0.0	3.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	1.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	
SILTY LOAM	3.2	0	1	5	12	1	1	1	1	1	1	24
		0.0	5.4	37.7	51.9	5.0	5.0	5.0	5.0	5.0	5.0	85.4
		0.0	100.0	83.3	85.5	100.0	100.0	100.0	100.0	100.0	100.0	
		0.0	4.6	32.1	42.3	4.3	4.3	4.3	4.3	4.3	4.3	
COLUMN TOTAL		0	1	11	14	1	1	1	1	1	1	28
		0.7	4.6	38.6	51.8	4.3	4.3	4.3	4.3	4.3	4.3	100.0

CQE LRIS CROSSTABS UPDATE

FILE MFI ICHERTION DATE = 11/10/78) BUFFALO DIST., CQE LAKE ERIE LRIS
 PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR BY SLOPE C F
 COUNTRILLING FOR... VALUE = 30, ROCK CR WEST
 BASIN SAMPLING STATION BASIN

SLOPE									
COUNT	0.21	0.51	1.0	3-5	9-11	ROW	TOTAL		
ROW PCT	0.2	0.5	1.0	3-5	9-11	ROW	TOTAL		
TOT PCT	0.2	0.5	1.0	3-5	9-11	ROW	TOTAL		
PERM	0	0	10	12	1	24			
BELC .01 TO 0.09	0.8	0.0	42.7	51.5	5.0	86.1			
	100.0	0.0	93.4	85.5	100.0				
	0.7	0.0	36.6	44.3	4.3				
	0	0	0	0	0	1			
BELQ .20 TO 0.59	0.0	0.0	28.4	4.4	0.0	2.5			
	0.0	0.0	1.5	3.4	0.0				
	0.0	0.0	0.7	1.8	0.0				
	0	1	0	0	0	3			
BELG .60 TO 1.9	0.0	50.0	7.7	42.3	0.0	9.3			
	0.0	100.0	1.5	7.6	0.0				
	0.0	4.6	0.7	3.9	0.0				
	0	0	0	0	0	1			
BELC 2.0 TO 5.9	0.0	0.0	16.7	83.3	0.0	2.1			
	0.0	0.0	6.9	3.4	0.0				
	0.0	0.0	0.4	1.8	0.0				
COLUMN TOTAL	0.7	1	11	51.8	1	26			
	0.7	4.6	38.6	51.8	4.3	100.0			

COOCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST. CODE LAKE ERIE LRIS

CROSS TABULATION OF DOWN URBAN SLOPE VALUE

CU MAJOR LAND USE CATEGORIES

CONTROLLING FOR...

BASIN SAMPLING STATION BASIN

VALUE = 30. ROCK CR WEST

PAGE 1 OF 1

SLOPE										
COUNT	COUNT		LESS THAN 0.5		1.0	3-5	9-11	ROW TOTAL		
	ROW PCT	COL PCT	0.2	0.21	0.51	1.01	4.01			
CU	TOT PCT									
CROPLAND	1.	1.	0	1	1	9	12	1	23	
			0.9	2.6	39.1	53.5	3.9	3.9	82.1	
			100.0	46.2	83.3	84.8	75.0			
			0.7	2.1	32.1	43.9	3.2			
PASTURE	3.	3.	0	0	0	0	0	0	0	
			0.0	0.0	25.0	50.0	25.0		1.4	
			0.0	0.0	0.9	1.4	8.3			
			0.0	0.0	0.4	0.7	0.4			
FOREST	4.	4.	0	0	0	1	1	0	3	
			0.0	11.4	40.0	42.9	5.7		12.5	
			0.0	30.8	13.0	10.3	16.7			
			0.0	1.4	5.0	5.4	0.7			
WATER	5.	5.	0	0	0	0	0	0	0	
			0.0	100.0	0.0	0.0	0.0		0.7	
			0.0	15.4	0.0	0.0	0.0			
			0.0	0.7	0.0	0.0	0.0			
OTHER	6.	6.	0	0	0	0	0	0	1	
			0.0	11.1	33.3	55.6	0.0		3.2	
			0.0	7.7	2.8	3.4	0.0			
			0.0	0.4	1.1	1.8	0.0			
COLUMN TOTAL	0	0	0.7	4.6	30.6	51.8	14	4.3	28	

CHI SQUARE = 5.36319 WITH 16 DEGREES OF FREEDOM SIGNIFICANCE = 0.9936
CRAMER'S V = 0.21083

CHI SQUARE = 9.30319 WITH 16 DEGREES OF FREEDOM SIGNIFICANCE = 0.9936

CRAMER'S V = 0.21083

COCCURRENCE TABLES

FILE MF1 ILLUMINATION DATE = 11/07/78) BUFFALO DIST. LURE LAKE ERIE LUIS

SLUPE DUN URBAN SLUPE VALUE C R L S T A B U L A T I U N L F INTRINSIC PROBABILITY
CONTROLLING FOR...
BASIN SAMPOLIPU STATION BASIN VALUE = 3C. POLK CR WEST
PAGE 1 OF 1

PFAC									
COUNT	1	2	3	4	5	6	7	8	9
RUM PCT	10.28	0.32	0.37	0.43	0.43	0.43	0.43	0.43	0.43
CUL PCT	0.28	0.32	0.37	0.43	0.43	0.43	0.43	0.43	0.43
TOT PCT	0.28	0.32	0.37	0.43	0.43	0.43	0.43	0.43	0.43
SLUPE	0.2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LESS THAN 0.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	5.0	4.6	10.0	22	80.4	100.0	100.0	100.0	100.0

COOCCURRENCE TABLES

FILE MF1 CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE EPIE LRIS

TEXT FEATURE OF SURFACE HORIZON C R O S S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 30. RECK CR WEST

PAGE 1 OF 1

LU										
TEXT	COUNT		LU							ROM TOTAL
	ROW PCT	COL PCT	ICROPLAND	PASTURE	FOREST	WATER	OTHER	TOTAL		
	TOT PCT		1.1	3.1	4.1	5.1	6.1			
SILTCLAYLOAM	2.1	1	0	0	0	0	0	2		
		81.3	0.0	18.8	0.0	0.0	0.0	5.7		
		5.7	0.0	8.6	0.0	0.0	0.0			
		4.6	0.0	1.1	0.0	0.0	0.0			
LOAM	3.1	2	0	0	0	0	0	2		
		84.0	0.0	12.0	0.0	4.0	0	8.9		
		9.1	0.0	8.6	0.0	11.1	0			
		7.5	0.0	1.1	0.0	0.4	0			
SILTY LOAM	3.2	20	0	3	0	0	1	24		
		82.0	1.7	12.1	0.8	3.3	0	85.4		
		85.2	100.0	82.9	100.0	88.9	0			
		70.0	1.4	10.4	0.7	2.9	0			
COLUMN TOTAL	23	0	3	0	0	1	28			
	82.1	1.4	12.5	0.7	3.2	100.0				

CHI SQUARE = 0.21479 WITH 8 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.06193

CCE LRIS CROSSTABS UPDATE

FILE MF1 CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ., IN P HR BY LU C R U S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES

CONTROLLING FOR.. BASIN SAMPLING STATION BASIN VALUE = 30, ROCK CR WEST

PAGE 1 OF 1

LU										
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	RON				
ROW PCT						TOTAL				
CUL PCT	1.1	3.1	4.1	5.1	6.1					
TOT PCT	1.1	3.1	4.1	5.1	6.1					
PERM	20	0	2	0	1	24				
BELC .01 TO 0.09	83.8	1.7	11.4	0.0	2.9	86.1				
	87.8	100.0	80.0	0.0	77.8					
	72.1	1.4	10.0	0.0	2.5					
BELC .20 TO 0.59	1	0	0	0	0	1				
	85.7	0.0	14.2	0.0	0.0	2.5				
	2.6	0.0	2.9	0.0	0.0					
	2.1	0.0	0.4	0.0	0.0					
BELO .60 TO 1.9	2	0	0	0	0	3				
	69.2	0.0	15.2	7.7	3.8	9.3				
	7.8	0.0	16.3	100.0	11.1					
	6.4	0.0	1.8	0.7	0.4					
BELO 2.0 TO 5.9	0	0	0	0	0	1				
	66.7	0.0	16.7	0.0	16.7	2.1				
	1.7	0.0	2.5	0.0	11.1					
	1.4	0.0	0.4	0.0	0.4					
COLUMN TOTAL	23	0	2	0	1	28				
	82.1	1.4	12.5	0.7	3.2	100.0				

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LR15

LAND CAPABILITY CLASS WITH LIMITS CROSS TABULATION CF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 30% ROCK CR WEST

PAGE 1 OF 1

	COUNT										TOTAL
	1	2	3	4	5	6	7	8	9	10	
CAP	1	2	3	4	5	6	7	8	9	10	
1	55.6	0.0	22.2	11.1	11.1	11.1	11.1	11.1	11.1	11.1	3.2
2E	46.5	50.0	34.3	0.0	0.0	44.4	0.0	0.0	0.0	0.0	44.4
2N	81.4	1.0	13.4	1.0	1.0	3.1	0.0	0.0	0.0	0.0	10
3E	78.1	3.1	15.6	0.0	0.0	3.1	0.0	0.0	0.0	0.0	11.4
3N	82.4	0.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
	5.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
	5.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
COLUMN TOTAL	23	0	3	12.5	0.7	3.2	0.0	0.0	0.0	0.0	28
TOTAL	62.1	1.4	12.5	0.7	3.2	100.0					

CHI SQUARE = 2.1658 WITH 16 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.13508

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/79) BUFFALO DIST., LUE LAKE EMIP LRES

LU MAJOR LAND USE CATEGORIES C R L S T A B U L A T I O N C F DRAINAGE CHARACTERISTICS CODE
 CONTROLLING FUR--
 BASIN SAMPLING STATION HASIN VALUE = 30. PICK UP WEST
 PAGE 1 OF 1

CROCU

LU	COUNT		EVERYPOUR		PUCKLY		SUMEDPUR		MUD-WELL		WELL		RUM
	RUM PCT	COL PCT	CRAINED	UNRAINED	CRAINED	UNRAINED	CRAINED	UNRAINED	CRAINED	UNRAINED	CRAINED	UNRAINED	TOTAL
	TOT PCT	1.1	1.1	2.1	3.1	4.1	5.1						
CROPLAND	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	23
	1.3	1.3	4.8	17.5	14.3	14.3	2.6	14.3	2.6	14.3	2.6	14.3	42.1
	100.0	100.0	78.6	83.5	82.5	82.5	50.0	50.0	50.0	50.0	50.0	50.0	
PASTURE	1.1	1.1	3.9	63.2	11.8	11.8	2.1						
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	0.0	1.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4
FOREST	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	0.0	0.0	8.6	68.6	14.3	14.3	8.6	12.5	25.0	1.1			3
	0.0	0.0	21.4	11.4	12.5	12.5	25.0	1.1					12.5
WATER	1.1	1.1	1.1	8.6	1.8	1.8	1.1						
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	50.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.7
OTHER	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
	0	0	0	0	0	0	0	0	0	0	0	0	1
	0.0	0.0	0.0	66.7	11.1	11.1	22.2	2.5	16.7	0.7			3.2
COLUMN TOTAL	1.1	1.1	5.0	75.4	14.3	14.3	4.3						28
	0	0	1	21	4	4	1						100.0
	1.1	1.1	5.0	75.4	14.3	14.3	4.3						100.0

COOCCURRENCE TABLES

FILE #1 (CREATION DATE = 11/07/78) BUFFALO DIST. LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CRUSSTABULATION OF INTRINSIC ERGABILITY

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = 30. ROCK CR WEST

PAGE 1 OF 1

PFAC

LU	COUNT		C.28		0.32		C.37		0.43		RUM TOTAL	
	RUM PCT	CUL PCT	TGT PCT	0.281	0.321	0.371	0.431	0.431	0.431	0.431	0.431	0.431
1.	4.3	4.3	4.3	1	1	2	19	23	82.1	82.1	82.1	82.1
2.	71.4	71.4	71.4	76.9	76.9	75.0	84.0	84.0	84.0	84.0	84.0	84.0
3.	3.6	3.6	3.6	3.6	3.6	7.5	67.5	67.5	67.5	67.5	67.5	67.5
4.	0	0	0	0	0	0	0	0	0	0	0	0
5.	0	0	0	0	0	0	0	0	0	0	0	0
6.	0	0	0	0	0	0	0	0	0	0	0	0
7.	0	0	0	0	0	0	0	0	0	0	0	0
8.	0	0	0	0	0	0	0	0	0	0	0	0
9.	0	0	0	0	0	0	0	0	0	0	0	0
10.	0	0	0	0	0	0	0	0	0	0	0	0
11.	0	0	0	0	0	0	0	0	0	0	0	0
12.	0	0	0	0	0	0	0	0	0	0	0	0
13.	0	0	0	0	0	0	0	0	0	0	0	0
14.	0	0	0	0	0	0	0	0	0	0	0	0
15.	0	0	0	0	0	0	0	0	0	0	0	0
16.	0	0	0	0	0	0	0	0	0	0	0	0
17.	0	0	0	0	0	0	0	0	0	0	0	0
18.	0	0	0	0	0	0	0	0	0	0	0	0
19.	0	0	0	0	0	0	0	0	0	0	0	0
20.	0	0	0	0	0	0	0	0	0	0	0	0
21.	0	0	0	0	0	0	0	0	0	0	0	0
22.	0	0	0	0	0	0	0	0	0	0	0	0
23.	0	0	0	0	0	0	0	0	0	0	0	0
24.	0	0	0	0	0	0	0	0	0	0	0	0
25.	0	0	0	0	0	0	0	0	0	0	0	0
26.	0	0	0	0	0	0	0	0	0	0	0	0
27.	0	0	0	0	0	0	0	0	0	0	0	0
28.	0	0	0	0	0	0	0	0	0	0	0	0
29.	0	0	0	0	0	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0	0	0	0	0	0
31.	0	0	0	0	0	0	0	0	0	0	0	0
32.	0	0	0	0	0	0	0	0	0	0	0	0
33.	0	0	0	0	0	0	0	0	0	0	0	0
34.	0	0	0	0	0	0	0	0	0	0	0	0
35.	0	0	0	0	0	0	0	0	0	0	0	0
36.	0	0	0	0	0	0	0	0	0	0	0	0
37.	0	0	0	0	0	0	0	0	0	0	0	0
38.	0	0	0	0	0	0	0	0	0	0	0	0
39.	0	0	0	0	0	0	0	0	0	0	0	0
40.	0	0	0	0	0	0	0	0	0	0	0	0
41.	0	0	0	0	0	0	0	0	0	0	0	0
42.	0	0	0	0	0	0	0	0	0	0	0	0
43.	0	0	0	0	0	0	0	0	0	0	0	0
44.	0	0	0	0	0	0	0	0	0	0	0	0
45.	0	0	0	0	0	0	0	0	0	0	0	0
46.	0	0	0	0	0	0	0	0	0	0	0	0
47.	0	0	0	0	0	0	0	0	0	0	0	0
48.	0	0	0	0	0	0	0	0	0	0	0	0
49.	0	0	0	0	0	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0	0	0	0	0	0
51.	0	0	0	0	0	0	0	0	0	0	0	0
52.	0	0	0	0	0	0	0	0	0	0	0	0
53.	0	0	0	0	0	0	0	0	0	0	0	0
54.	0	0	0	0	0	0	0	0	0	0	0	0
55.	0	0	0	0	0	0	0	0	0	0	0	0
56.	0	0	0	0	0	0	0	0	0	0	0	0
57.	0	0	0	0	0	0	0	0	0	0	0	0
58.	0	0	0	0	0	0	0	0	0	0	0	0
59.	0	0	0	0	0	0	0	0	0	0	0	0
60.	0	0	0	0	0	0	0	0	0	0	0	0
61.	0	0	0	0	0	0	0	0	0	0	0	0
62.	0	0	0	0	0	0	0	0	0	0	0	0
63.	0	0	0	0	0	0	0	0	0	0	0	0
64.	0	0	0	0	0	0	0	0	0	0	0	0
65.	0	0	0	0	0	0	0	0	0	0	0	0
66.	0	0	0	0	0	0	0	0	0	0	0	0
67.	0	0	0	0	0	0	0	0	0	0	0	0
68.	0	0	0	0	0	0	0	0	0	0	0	0
69.	0	0	0	0	0	0	0	0	0	0	0	0
70.	0	0	0	0	0	0	0	0	0	0	0	0
71.	0	0	0	0	0	0	0	0	0	0	0	0
72.	0	0	0	0	0	0	0	0	0	0	0	0
73.	0	0	0	0	0	0	0	0	0	0	0	0
74.	0	0	0	0	0	0	0	0	0	0	0	0
75.	0	0	0	0	0	0	0	0	0	0	0	0
76.	0	0	0	0	0	0	0	0	0	0	0	0
77.	0	0	0	0	0	0	0	0	0	0	0	0
78.	0	0	0	0	0	0	0	0	0	0	0	0
79.	0	0	0	0	0	0	0	0	0	0	0	0
80.	0	0	0	0	0	0	0	0	0	0	0	0
81.	0	0	0	0	0	0	0	0	0	0	0	0
82.	0	0	0	0	0	0	0	0	0	0	0	0
83.	0	0	0	0	0	0	0	0	0	0	0	0
84.	0	0	0	0	0	0	0	0	0	0	0	0
85.	0	0	0	0	0	0	0	0	0	0	0	0
86.	0	0	0	0	0	0	0	0	0	0	0	0
87.	0	0	0	0	0	0	0	0	0	0	0	0
88.	0	0	0	0	0	0	0	0	0	0	0	0
89.	0	0	0	0	0	0	0	0	0	0	0	0
90.	0	0	0	0	0	0	0	0	0	0	0	0
91.	0	0	0	0	0	0	0	0	0	0	0	0
92.	0	0	0	0	0	0	0	0	0	0	0	0
93.	0	0	0	0	0	0	0	0	0	0	0	0
94.	0	0	0	0	0	0	0	0	0	0	0	0
95.	0	0	0	0	0	0	0	0	0	0	0	0
96.	0	0	0	0	0	0	0	0	0	0	0	0
97.	0	0	0	0	0	0	0	0	0	0	0	0
98.	0	0	0	0	0	0	0	0	0	0	0	0
99.	0	0	0	0	0	0	0	0	0	0	0	0
100.	0	0	0	0	0	0	0	0	0	0	0	0

C OCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST. CUF LAKE EPIE LPIIS

TEXT TEXTURE OF SURFACE HORIZON C P L S T A B U L A T I U N C F D U M U R B A N S L O P E V A L U E

CONTROLLING FOR..

BASIN SAMPLING STATION BASIN

VALUE = 10. MULT-EAST 2 FT 5

PAGE 1 OF 1

SLOPE											
TEXT	COUNT ROW PCT CUL PCT TOT PCT	LESS THAN 0.5				1.0	3-5	RUM TOTAL			
		0.2	0.5	1.0	4.0						
		0.2	0.5	1.0	4.0						
SILTY CLAY	1.2	0	0	0	0	0	0	0			
		0.0	100.0	0.0	0.0	0.0	0.0	0			
		0.0	8.3	0.0	0.0	0.0	0.0	0.2			
		0.0	0.2	0.0	0.0	0.0	0.0				
		0.0	0.0	0.0	0.0	0.0	0.0				
SILTY CLAY	2.1	7	0	0	0	0	0	14			
		48.6	0.0	51.4	0.0	0.0	0.0	31.0			
		93.2	0.0	25.2	0.0	0.0	0.0				
		15.1	0.0	16.0	0.0	0.0	0.0				
		0.0	0.0	0.0	0.0	0.0	0.0				
LOAM	3.1	0	0	0	0	0	2	2			
		4.8	4.8	14.2	76.2	0.0	0.0	4.7			
		1.5	8.3	1.0	20.0	0.0	0.0				
		0.2	0.2	6.7	3.5	0.0	0.0				
SILTY LOAM	3.2	0	1	21	6	0	0	29			
		1.4	3.5	73.4	21.7	0.0	0.0	61.4			
		5.5	83.3	73.4	77.5	0.0	0.0				
		0.9	2.2	46.6	13.7	0.0	0.0				
		0.0	0.0	0.0	0.0	0.0	0.0	0			
FN SANDY CLAY	4.2	0	0	0	0	0	0	0.2			
		0.0	0.0	100.0	0.0	0.0	0.0				
		0.0	0.0	0.0	0.0	0.0	0.0				
		0.0	0.0	0.0	0.0	0.0	0.0				
LOAM FINE SAND	5.5	0	0	0	0	0	0	0			
		0.0	0.0	0.0	100.0	0.0	0.0	0.4			
		0.0	0.0	0.0	0.0	0.0	2.5				
		0.0	0.0	0.0	0.0	0.0	0.4				
COLUMN TOTAL	7	1	25	8	45	0	0	0			
TOTAL	16.2	2.1	63.4	17.7	100.0	0	0	0			

COE LRIS CROSSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/78) BUFFALO DIST., LUE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ. IN P HM BY SLOPE DOW URBAN SLOPE VALUE
 CONTROLLING FOR...
 BASIN SAMPLING STATION BASIN VALUE = 10. WOLF, EAST & FLS
 PAGE 1 OF 1

		SLOPE					COUNT	
		ROM PCT	LESS THAN	0.5	1.0	3-5	ROM	TOTAL
		CUL PCT	0.2	0.21	0.51	1.01	4.01	
PERM		TOT PCT						
BELC .01 TO 0.09		2.	6	0	0	28	6	40
			15.3	0.0	0.0	65.2	15.5	88.7
			83.6	0.0	0.0	96.5	77.5	
			13.5	0.0	0.0	61.4	13.7	
BELC .20 TO 0.59		4.	1	0	0	1	1	3
			32.4	5.9	20.4	41.2	7.5	
			15.1	16.7	2.4	17.5		
			2.4	0.4	1.6	3.1		
BELC .60 TO 1.9		5.	0	1	1	0	0	1
			7.1	71.4	7.1	14.3	3.1	
			1.4	83.3	0.2	2.5		
			0.2	2.2	0.2	0.4		
BELO 2.0 TO 5.9		6.	0	0	0	0	0	0
			0.0	0.0	33.3	66.7	0.7	
			0.0	0.0	0.3	2.5		
			0.0	0.0	0.6	0.4		
CULUM TOTAL			7	1	25	6	45	
			16.2	2.7	63.4	17.7	100.0	

COOCCURRENCE TABLES

FILE #F1 ICREATION DATE = 11/07/79) BUFFALO DIST., COF LAKE ERIF LRIS

LU MAJOR LAND USE CATEGORIES C R O S S T A B U L A T I O N O F U R B A N S L O P E V A L U E
CONTROLLING FPR...
BASIN SAMPLING STATION BASIN VALUE = 10. NCLF, EAST 2 FT S
PAGE 1 OF 1

LU	SLOPE					ROW TOTAL
	COUNT	LESS THAN 0.5	1.0	3-5	10.0	
1.	6	1	24	7	38	83.6
3.	10.0	0.0	80.0	10.0	1	2.2
4.	14.8	3.7	70.4	11.1	3	6.0
5.	12.5	25.0	25.0	37.5	1	1.8
6.	17.2	3.4	69.0	10.3	3	6.4
COLUMN TOTAL	7	2.7	63.4	17.7	45	100.0

CHI SQUARE = 2.26978 WITH 12 DEGREES OF FREEDOM SIGNIFICANCE = 0.9989
CRAMER'S V = 0.12952

COINCURRENCE TABLES

FILE #1 CREATION DATE = 11/07/78) BUFFALO DIST. LAKE ERIC LKIS

***** C R O S S T A B U L A T I O N O F ***** INTRINSIC ERODIBILITY

BY K FAC

SLOPE DOWN URBAN SLOPE VALUE

VALUE = 10. WOLF-EAST 3 FT 5

PAGE 1 OF 1

KFAC												
COUNT	C.17	0.20	C.24	0.28	0.32	0.37	0.43					
ROW PCT	0.171	0.201	0.241	0.281	0.321	0.371	0.431					
CUL PCT	0.171	0.201	0.241	0.281	0.321	0.371	0.431					
TOT PCT	0.171	0.201	0.241	0.281	0.321	0.371	0.431					
SLOPE												
LESS THAN 0.2	0.0	0.0	1	7	0	0	0	7				
	0.0	0.0	6.8	90.4	2.7	0.0	0.0	16.2				
	0.0	0.0	100.0	97.1	28.6	0.0	0.0	16.2				
	0.0	0.0	1.1	14.6	0.4	7.0	0.0	16.2				
0.5	0.0	0.0	0	0	0	1	0	1				
	0.0	0.0	0.0	16.7	0.0	83.3	0.0	2.7				
	0.0	0.0	0.0	2.9	0.0	10.2	0.0	2.7				
	0.0	0.0	0.0	0.4	0.0	2.2	0.0	2.7				
1.0	0.0	0	0	0	0	0	21	29				
	0.0	0.3	0.0	0.0	0.3	26.6	72.7	63.4				
	0.0	100.0	0.0	0.0	14.3	71.6	77.0	63.4				
	0.0	0.2	0.0	0.0	0.2	16.4	46.1	63.4				
3-5	0	0	0	0	0	1	6	0				
	2.5	0.0	0.0	0.0	5.0	15.0	77.5	17.7				
	100.0	0.0	0.0	0.0	57.1	12.2	23.0	17.7				
	0.4	0.0	0.0	0.0	0.9	2.7	13.7	17.7				
COLUMN TOTAL	0.4	0.2	1.1	15.1	1.6	21.7	59.9	100.0				

COOCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXT FEATURE OF SURFACE HORIZON CROSS TABULATION OF MAJOR LAND USE CATEGORIES
CONTROLLING FOR...
BASIN SAMPLING STATION BASIN VALUE = 10. WCLF EAST 2 FT S
PAGE 1 OF 1

COUNT		LU									
ROW PCT	COL PCT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW	TOTAL			
TOT PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1	TOT				
1.2	0	0	0	0	0	0	0				
SILTY CLAY	100.0	0.0	0.0	0.0	0.0	0.0	0.2				
	0.3	0.0	0.0	0.0	0.0	0.0	0.0				
	0.2	0.0	0.0	0.0	0.0	0.0	0.0				
2.1	12	0	1	0	0	1	14				
SILTCLAYLOAM	82.9	2.1	7.9	2.1	5.0	31.0	31.0				
	30.8	30.0	40.7	37.5	24.1						
	25.7	0.7	2.4	0.7	1.6						
3.1	2	0	0	0	0	0	2				
LOAM	90.5	0.0	4.8	4.8	0.0	0.0	4.7				
	5.0	0.0	3.7	12.5	0.0	0.0					
	4.2	0.0	0.2	0.2	0.0	0.0					
3.2	24	1	1	1	0	2	29				
SILTY LOAM	83.2	2.4	5.2	1.4	7.7	63.4	63.4				
	63.1	70.0	55.6	50.0	75.9						
	52.8	1.6	3.3	0.9	4.9						
4.2	0	0	0	0	0	0	0				
FN SANDYLOAM	100.0	0.0	0.0	0.0	0.0	0.0	0.2				
	0.3	0.0	0.0	0.0	0.0	0.0					
	0.2	0.0	0.0	0.0	0.0	0.0					
5.5	0	0	0	0	0	0	0				
LOAMFINESAND	100.0	0.0	0.0	0.0	0.0	0.0	0.4				
	0.5	0.0	0.0	0.0	0.0	0.0					
	0.4	0.0	0.0	0.0	0.0	0.0					
COLUMN TOTAL	38	1	3	1	3	45	100.0				
	83.6	2.2	6.0	1.8	6.4						

CHI SQUARE = 0.64850 WITH 20 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
CRAMER'S V = 0.05996

COE LRIS CRESSTABS UPDATE

FILE MF1 (CREATION DATE = 11/10/18) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ. IN P HR BY LU MAJOR LAND USE CATEGORIES

CONTRAILING FOR... BASIN SAMPLING STATION BASIN VALUE = 1C. WOLF, EAST 3 FT S PAGE 1 OF 1

LU										
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW TOTAL				
ROW PCT	1-1	3-1	4-1	5-1	6-1					
COL PCT										
TOT PCT										
PERM										
2-	33	1	2	0	3	40				
BELO .01 TO 0.09	83.5	2.5	6.2	1.3	6.5	88.7				
	88.6	100.0	92.6	62.5	89.7					
	74.1	2.2	5.5	1.1	5.8					
4-	3	0	0	0	0	3				
BELO .20 TO 0.59	71.2	0.0	0.0	2.9	5.9	7.5				
	6.2	0.0	0.0	12.5	6.7					
	6.9	0.0	0.0	0.2	0.4					
5-	1	0	0	0	0	1				
BELO .60 TO 1.9	64.3	0.0	14.3	14.3	7.1	3.1				
	2.4	0.0	7.4	25.0	3.4					
	2.0	0.0	0.4	0.4	0.2					
6-	0	0	0	0	0	0				
BELO 2.0 TO 5.9	100.0	0.0	0.0	0.0	0.0	0.7				
	0.8	0.0	0.0	0.0	0.0					
	0.7	0.0	0.0	0.0	0.0					
COLUMN TOTAL	38	2	2	1	3	45				
	83.6	6.0	6.4	1.8	6.4	100.0				

CONCURRENCE TABLES

FILE MFI ICREATION DATE = 11/07/78) BUFFALO DIST. BLUE LAKE EMIE LMIS

CAP LAND CAPABILITY CLASS, WITH LIMITS C H O S T A H U L A T I O N U F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN

VALUE = IC, MULF, EAST 3 FT 3 PAGE 1 OF 1

IV										
COUNT	ROW PCT	ICROPLAND	PASTURE	FOREST	WATER	OTHER	ROW			
CUL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1	TOTAL			
1.	100.0	0.0	0.0	0.0	0.0	0.0	0			
2.	100.0	0.0	0.0	0.0	0.0	0.0	0			
3.	87.3	1.3	3.2	3.8	3.8	3.8	17.5			
4.	82.7	2.8	6.0	0.8	0.8	7.6	25			
5.	23.6	20.0	33.2	37.5	20.7	24.2	11			
6.	100.0	0.0	0.0	0.0	0.0	0.0	0			
7.	81.7	1.8	8.3	2.8	5.5	11	24.2			
8.	90.0	0.0	0.0	0.0	0.0	10.0	2.2			
9.	2.4	0.0	0.0	0.0	0.0	3.4	0			
10.	2.0	0.0	0.0	0.0	0.0	0.2	1			
11.	38	1	3	1	1	3	45			
TOTAL	83.6	2.2	6.0	1.8	6.4	100.0				

CHI SQUARE = 0.98856 WITH 24 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000

CRAMER'S V = 0.07403

COOCCURRENCE TABLES

FILE MFI ICHEATION DATE = 11/27/781 BUFFALO DIST. LAKE EMIE LUIS

LU MAJOR LAND USE CATEGORIES C R U S S I A U L A T I O N U F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FUR. BASIN SAMPLING STATION BASIN VALUE = 10. WOLF-EAST 2 FT S

PAGE 1 OF 1

COUNT									
C R C U									
LU	RUM PCT	VERYPOOR	POORLY	SCMPCOR	MUD-HELL	WELL	RUM	TOTAL	
		ICHAINED	DRAINED	CHAINED	DRAINED	ICHAINED			
		1.1	2.1	3.1	4.1	5.1			
CROPLAND	1.	6	6	2	0	0	0	38	
		16.2	16.2	65.2	1.1	1.1	1.1	83.6	
		85.9	90.3	82.4	100.0	100.0			
PASTURE	3.	0	0	1	0	0	0	1	
		10.0	20.0	70.0	0.0	0.0	0.0	2.2	
		1.4	2.6	2.4	0.0	0.0	0.0		
FOREST	4.	0	1	2	0	0	0	3	
		14.8	25.9	59.2	0.0	0.0	0.0	6.0	
		5.4	9.2	5.4	0.0	0.0	0.0		
WATER	5.	0	0	0	0	0	0	1	
		12.5	25.0	62.5	0.0	0.0	0.0	1.8	
		1.4	2.6	1.7	0.0	0.0	0.0		
OTHER	6.	0	0	2	0	0	0	3	
		13.8	13.8	72.4	0.0	0.0	0.0	6.4	
		5.6	5.3	7.1	0.0	0.0	0.0		
COLUMN TOTAL									
	7	8	25	65.4	0.9	1.1	45	100.0	
	15.7	16.9							

COCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/79) BUFFALO DIST. - LAKE EPIE LRIS

MAJOR LAND USE CATEGORIES C R G S T A B U L A T I U N C F INTRINSIC ERODIBILITY

CONVEYING FOR... BASIN SAMPLING STATION BASIN VALUE = 10, MGLP-EAST 0 FT 5 PAGE 1 OF 1

PFAC											ACM	
COUNT		0.17	0.20	0.24	0.28	0.32	0.37	0.43	TOTAL		TOTAL	
ROW PCT		0.171	0.201	0.241	0.281	0.321	0.371	0.431				
CUL PCT		0.171	0.201	0.241	0.281	0.321	0.371	0.431				
TUT PCT		0.171	0.201	0.241	0.281	0.321	0.371	0.431				
LU	1.	0	0	1	6	1	8	23	38			
		0.5	0.3	1.3	15.1	1.6	21.0	60.2	83.6			
CROPLAND		100.0	100.0	100.0	83.8	85.7	83.6	84.1				
		0.4	0.2	1.1	12.6	1.3	17.5	50.3				
	3.	0	0	0	0	0	0	1	1			
		0.0	0.0	0.0	10.0	0.0	20.0	70.0	2.2			
PASTURE		0.0	0.0	0.0	1.5	3.0	2.0	2.6				
		0.0	0.0	0.0	0.2	0.0	0.4	1.6				
	4.	0	0	0	0	0	1	1	3			
		0.0	0.0	0.0	14.8	3.7	29.6	51.9	6.0			
FOREST		0.0	0.0	0.0	5.9	14.3	8.2	5.2				
		0.0	0.0	0.0	0.9	0.2	1.8	3.1				
	5.	0	0	0	0	0	0	0	1			
		0.0	0.0	0.0	12.5	0.0	62.5	25.0	1.8			
WATER		0.0	0.0	0.0	1.5	3.0	5.1	0.7				
		0.0	0.0	0.0	0.2	0.0	1.1	0.4				
	6.	0	0	0	0	0	0	2	3			
		0.0	0.0	0.0	17.2	0.0	13.8	69.0	6.4			
OTHER		0.0	0.0	0.0	7.4	0.0	4.1	7.4				
		0.0	0.0	0.0	1.1	0.0	0.9	4.4				
COLUMN TOTAL		0	0	1	7	1	10	27	45			
		0.4	0.2	1.1	15.1	1.6	21.7	59.9	100.0			

COOCCURRENCE TABLES

FILE NF1 LOCATION DATE = 11/07/78) BUFFALO DIST., QUE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE MORTZCK C R G S S T A B J L A T I U N C F D C N U R E A N S L O P E V A L U E

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 9. WOLF, WEST 3 BET PAGE 1 OF 1

SLOPE									
COUNT	LESS THAN	0.5	1.0	3-5	RUM				
COL PCT	0.2				TOTAL				
TGT PCT	0.21	0.51	1.01	4.01					
2.1	24	0	4	0	30				
SILICLLAYLOAM	81.4	0.0	18.6	0.0	52.3				
	92.1	0.0	23.3	0.0					
	42.6	0.0	9.7	0.0					
3.1	0	0	1	1	3				
LOAP	3.6	3.6	50.0	42.9	4.9				
	0.4	10.0	5.1	20.3					
	0.2	0.2	2.4	2.1					
3.2	2	1	17	5	24				
SILTY LGAM	8.2	3.7	68.5	19.3	42.4				
	7.5	90.0	70.0	79.7					
	3.5	1.6	26.2	8.2					
4.2	0	0	0	0	0				
FM SANDYLUM	0.0	0.0	100.0	0.0	0.2				
	0.0	0.0	0.4	0.0					
	0.0	0.0	0.0	0.0					
5.4	0	0	0	0	0				
LCMY SAND	0.0	0.0	100.0	0.0	0.2				
	0.0	0.0	0.4	0.0					
	0.0	0.0	0.0	0.0					
COLUMN TOTAL	27	1	24	10.3	57				
	46.3	1.7	41.7	10.3	100.0				

CODE LRIS CRUSSTABS UPDATE

FILE #1 CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE EPIE LRIS

PERM PERMEABILITY, LOW VALUE IN HORIZ. IN P HP BY SLOPE DON URBAN SLOPE VALUE

CATPELLING FOR... BASIN SAPPING STATION BASIN VALUE = 5. NOLF, WEST 3 BET PAGE 1 OF 1

		SLOPE									
		COUNT		LESS THAN		1.0		3-5		ROM	
		ROM PCT	TOT PCT	0.2	0.51	1.01	1.01	4.01	4.01	TOTAL	
PERM											
BELO .01 TO 0.09		2.	23	0	0	21	4	49			
			48.1	0.0	0.0	42.6	9.1	96.5			
			88.0	0.0	0.0	86.7	74.6				
			40.7	0.0	0.0	36.2	7.7				
BELO .20 TO 0.59		4.	3	0	0	2	1	7			
			47.0	1.5	42.4	9.1	11.5				
			11.7	10.0	11.7	10.2					
			5.4	0.2	4.5	1.0					
BELO .60 TO 1.9		5.	0	1	0	0	0	2			
			6.2	56.3	25.0	12.5	2.8				
			0.4	90.0	1.7	3.5					
			0.2	1.6	0.1	0.3					
BELO 2.0 TO 5.9		6.	0	0	0	0	1	1			
			0.0	0.0	0.0	0.0	100.0	1.2			
			0.0	0.0	0.0	0.0	11.9				
			0.0	0.0	0.0	0.0	1.2				
COLUMN TOTAL		27	46.3	1.7	1.7	24	10.3	57			

COOCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES CROSS TABULATION OF DOWNSTREAM SLOPE VALUE

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 9. WOLF, WEST & DET PAGE 1 OF 1

	SLOPE					ROW TOTAL
	COUNT	LESS THAN 0.5	1.0	3-5	4.01	
LU	ROW PCT	COL PCT	TOT PCT			
CROPLAND	1.	22	1	20	5	48
		46.6	1.2	41.4	10.8	63.7
		84.2	60.0	82.9	89.1	
		39.0	1.0	34.6	9.0	
PASTURE	3.	0	0	0	0	1
		33.3	0.0	66.7	0.0	1.0
		0.8	0.0	1.7	0.0	
		0.3	0.0	0.7	0.0	
FOREST	4.	1	0	2	0	3
		29.6	3.7	63.0	3.7	4.7
		3.0	10.0	7.1	1.7	
		1.4	0.2	3.0	0.2	
WATER	5.	1	0	1	0	2
		36.8	15.8	31.6	15.8	3.3
		2.6	30.0	2.5	5.1	
		1.2	0.5	1.0	0.5	
OTHER	6.	2	0	1	0	4
		59.5	0.0	33.3	7.1	7.3
		9.4	0.0	5.8	5.1	
		4.3	0.0	2.4	0.5	
TOTAL	27	46.3	1.7	41.7	10.3	100.0

CHI SQUARE = 3.53285 WITH 12 DEGREES OF FREEDOM SIGNIFICANCE = 0.9905

CRAMER'S V = 0.14311

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST-JCUE LAKE ERIE LRIS

..... C R O S S T A B U L A T I O N O F INTRINSIC PROBABILITY

SLOPE DOWN URBAN SLOPE VALUE

CONTROLLING FUR.....

BASIN SAMPLING STATION BASIN

VALUE =

..... % WOLF, WEST & BET

PAGE 1 OF 1

		MEAC												ROW TOTAL	
COUNT		0.17	0.20	0.24	0.28	0.32	0.37	0.43							
RUM PCT		0.17	0.20	0.24	0.28	0.32	0.37	0.43							
COL PCT		0.17	0.20	0.24	0.28	0.32	0.37	0.43							
TOT PCT		0.17	0.20	0.24	0.28	0.32	0.37	0.43							
SLOPE		0.2	0.2	0.2	0.2	0.2	0.2	0.2							
LESS THAN 0.2		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27	46.3
0.2		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1.7
0.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1.7
1.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24	41.7
3-5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6	10.3
TOTAL		0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	57	100.0

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

TEXT TEXTURE OF SURFACE HORIZON CROSSLATITUDE OF MAJOR LAND USE CATEGORIES
 CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 9. MCLF, WEST 3 BET
 PAGE 1 OF 1

LU									
COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	ROW			
ROW PCT	COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1	TOTAL	
TEXT	2.1	25	0	1	1	1	3	30	
	82.4	0.7	5.0	3.0			9.0	52.3	
	51.6	33.3	52.6	47.4			64.3		
	43.1	0.3	2.6	1.6			4.7		
LOAM	3.1	2	0	0	0	0	0	3	
	85.7	0.0	0.0	0.0	14.3		14.3	4.9	
	5.0	0.0	0.0	0.0	9.5		9.5		
	4.2	0.0	0.0	0.0	0.7		0.7		
SILTY LOAM	3.2	21	0	1	1	1	1	24	
	84.8	1.6	4.9	4.1	4.5		4.5	42.4	
	43.0	66.7	44.4	52.6	26.2		26.2		
	36.0	0.7	2.1	1.7	1.9		1.9		
FN SANDY LOAM	4.2	0	0	0	0	0	0	0	
	100.0	0.0	0.0	0.0	0.0		0.0	0.2	
	0.2	0.0	0.0	0.0	0.0		0.0		
	0.2	0.0	0.0	0.0	0.0		0.0		
LOAMY SAND	5.4	0	0	0	0	0	0	0	
	100.0	0.0	0.0	0.0	0.0		0.0	0.2	
	0.2	0.0	0.0	0.0	0.0		0.0		
	0.2	0.0	0.0	0.0	0.0		0.0		
COLUMN TOTAL	48	83.7	1.0	4.7	3.3	7.3	57	100.0	

CHI SQUARE = 1.05376 WITH 16 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
GRAMER'S V = 0.06769

CHI SQUARE = 1.05376 WITH 16 DEGREES OF FREEDOM SIGNIFICANCE = 1.0000
 CRAMER'S V = 0.06769

COE LUIS CROSSTABS UPDATE

FILE #1 CREATION DATE = 11/10/78) BUFFALO DIST., COE LAKE ERIE LRIS

PERM PERMEABILITY, LUM VALUE IN HORIZ., IN PHM BY LU CROSSTABULATION OF MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 9. MOLF, WEST 2 BET

PAGE 1 OF 1

		LU								
		COUNT	CROPLAND	PASTURE	FOREST	WATER	OTHER	RUM		
		ROW PCT							TOTAL	
		CUL PCT								
		TGT PCT	1.1	3.1	4.1	5.1	6.1			
PERM										
BELE .01 TO 0.09	2.	41	0	2	1	3	49			
		84.4	0.8	4.5	2.7	7.2	84.5			
		85.2	66.7	88.5	68.4	83.3				
		71.3	0.7	4.2	2.3	6.1				
BELE .20 TO 0.59	4.	6	0	0	0	0	7			
		84.8	1.5	1.5	4.5	7.6	11.5			
		11.6	16.7	3.7	15.8	11.9				
		9.7	0.2	0.2	0.5	0.9				
BELE .60 TO 1.9	5.	1	0	0	0	0	2			
		62.5	6.3	12.5	18.8	0.0	2.8			
		2.1	16.7	7.4	15.8	0.0				
		1.7	0.2	0.3	0.5	0.0				
BELE 2.0 TO 5.9	6.	0	0	0	0	0	1			
		71.4	0.0	0.0	0.0	28.6	1.2			
		1.0	0.0	0.0	0.0	4.8				
		0.9	0.0	0.0	0.0	0.3				
COLUMN TOTAL		48	1	3	2	4	57			
		83.7	1.0	4.7	3.3	7.3	100.0			

COCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE CRIS

***** C R O S S T A B U L A T I O N G F ***** MAJOR LAND USE CATEGORIES *****

CAP LAND CAPABILITY CLASS, WITH LIMITS BY LU VALUE % S. WOLF, WEST 1/2 B&E PAGE 1 OF 2

CONTROLLING FOR:
BASIN SAMPLING STATION BASIN

CAP	COUNT ROW PCT COL PCT TOT PCT	LU						OTHER	ROW TOTAL
		1.1	2.1	3.1	4.1	5.1	6.1		
1	1.	0	0	0	0	0	0	0	0
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.	1	0	0	0	0	0	0	1
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
		1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3.	5	0	0	0	0	0	0	6
		89.5	0.0	0.0	1.6	3.5	5.3	9.9	9.9
		10.6	0.0	0.0	3.7	10.5	7.1	0.0	0.0
		8.9	0.0	0.0	0.2	0.3	0.5	0.0	0.0
4	4.	32	0	0	2	1	2	37	63.8
		86.9	1.1	4.4	1.9	5.7	50.0	0.0	0.0
		66.3	66.7	59.3	36.8	1.2	3.7	0.0	0.0
		55.5	0.7	2.8	1.2	0.0	0.0	0.0	0.0
5	5.	0	0	0	0	0	0	0	0.3
		0.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0
		0.0	16.7	3.7	0.0	0.0	0.0	0.0	0.0
		0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
6	6.	0	0	0	0	0	0	0	0.3
		50.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0
		0.2	0.0	0.0	0.0	5.3	0.0	0.0	0.0
		0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0
7	7.	8	0	0	1	1	2	11	19.0
		71.6	0.9	7.3	5.5	14.7	14.7	0.0	0.0
		16.2	16.7	29.6	31.6	38.1	38.1	0.0	0.0
		13.6	0.2	1.4	1.0	2.8	2.8	0.0	0.0
COLUMN TOTAL		48	1	3	2	4	57	100.0	100.0
TOTAL		83.1	1.0	4.1	3.3	7.3	0.0	0.0	0.0

(COUNT INJURED)

COCCURRENCE TABLES

FILE MFI CREATION DATE = 11/01/78) BUFFALO DIST., COE LAKE EPIC LRIS

***** C R G S S T A B U L A T I O N C F ***** MAJOR LAND USE CATEGORIES *****

CAP LAND CAPABILITY CLASS, WITH LIMITS BY LU

CONTRICLING FOR..

BASIN SAMPLING STATION BASIN

***** VALUE = 9. MCIF, WEST 2 BET ***** PAGE 2 OF 2

CAP	LU						RUM TOTAL
	LU01	CROPLAND	PASTURE	FOREST	WATER	OTHER	
RUM PCT	1	1.1	3.1	4.1	5.1	6.1	
CUL PCT	1	1.1	3.1	4.1	5.1	6.1	
TOT PCT	13.1	2	0	5	0	0	3
5W	1	80.0	1	0.0	3.3	10.0	6.7
	1	5.0	1	0.0	3.7	15.8	4.8
	1	4.2	1	0.0	0.2	0.5	0.3
COLUMN	48	1	1	2	2	4	57
TOTAL	83.7	1.0	4.1	3.3	7.3	100.0	

CHI SQUARE = 9.58786 WITH 28 DEGREES OF FREEDOM SIGNIFICANCE = 0.9995

CRAMER'S V = 0.20417

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE ERIC LRIS

LU MAJOR LAND USE CATEGORIES C R O S S I A B U L A T I O N U F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FUP : BASIN SAMPLING STATION BASIN VALUE = % MOLF, WEST & BET PAGE 1 OF 1

ERCU											
LU	COUNT	EVERYPOUR		PUUKLY		SCHMELCH		MUD-WELL		ROW TOTAL	
		CRAINED	UNCRAINED	CRAINED	UNCRAINED	CRAINED	UNCRAINED	CRAINED	UNCRAINED		
1. CROPLAND	LUL PCT	1.4	2.1	6	12.3	41.0	0.2	3.1	4.1	5.1	48
	TOT PCT	43.5	77.6	86.0	33.3	88.2	88.2	88.2	88.2	83.6	
		36.3	10.3	34.3	0.2	2.6	2.6	2.6	2.6	2.6	
3. PASTURE	LUL PCT	0	0	0	0	0	0	0	0	0	1
	TOT PCT	50.0	0.0	33.3	16.7	0.0	0.0	0.0	0.0	0.0	1.0
		1.2	0.0	0.9	3.3	0.0	0.0	0.0	0.0	0.0	
4. FOREST	LUL PCT	0.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	29.6	25.9	40.7	3.7	0.0	0.0	0.0	0.0	0.0	3
		3.2	9.2	4.6	33.3	0.0	0.0	0.0	0.0	0.0	4.7
5. WATER	LUL PCT	1.4	1.2	1.5	0.2	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	0	1	1	0	0	0	0	0	0	2
		26.3	31.6	42.1	0.0	0.0	0.0	0.0	0.0	0.0	3.3
6. OTHER	LUL PCT	2.0	7.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	
	TOT PCT	0.9	1.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4
		2	0	1	0	0	0	0	0	0	7.3
COLUMNS TOTAL	LUL PCT	59.5	9.5	26.2	0.0	4.8	4.8	4.8	4.8	4.8	
	TOT PCT	10.0	5.3	4.6	0.0	11.8	11.8	11.8	11.8	11.8	
		4.3	0.7	1.5	0.0	0.3	0.3	0.3	0.3	0.3	
TOTAL		25	43.5	13.2	35.6	0.5	0.5	3.0	3.0	3.0	57
TOTAL											100.0

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/27/78) BUFFALO CIST. LULU LAKE ERIE LRI3

***** C R U S T A U L A T I O N C F *****
 LU MAJOR LAND USE CATEGORIES BY KFAC INTRINSIC FEEDABILITY
 CONTROLLING FUR..
 BASIN SAMPLING STATION BASIN VALUE = 9. NULF WEST 0 BET
 ***** PAGE 1 OF 1

KFAC												
COUNT	0.17	0.20	0.24	0.28	0.32	0.37	0.43	ROW				
ROW PCT	0.17	0.20	0.24	0.28	0.32	0.37	0.43	TOTAL				
T-T PCT	0.17	0.20	0.24	0.28	0.32	0.37	0.43					
LU	0	0	1	22	1	7	17	48				
CROPLAND	0.2	0.2	1.2	45.3	1.9	15.0	36.2	83.7				
	100.0	100.0	66.7	84.8	81.8	75.0	87.0					
	0.2	0.2	1.0	37.9	1.6	12.5	30.3					
PASTURE	0	0	0	0	0	0	0	1				
	0.0	0.0	0.0	33.3	0.0	33.3	33.3	1.0				
	0.0	0.0	0.0	0.8	0.0	2.1	1.0					
	0.0	0.0	0.0	0.3	0.0	0.3	0.3					
FOREST	0	0	0	0	0	1	1	3				
	0.0	0.0	3.7	25.9	0.0	33.3	37.0	4.7				
	0.0	0.0	11.1	2.7	0.0	9.4	5.0					
	0.0	0.0	0.2	1.2	0.0	1.6	1.7					
WATER	0	0	0	0	0	1	0	2				
	0.0	0.0	5.2	31.6	0.0	36.8	26.3	3.3				
	0.0	0.0	11.1	2.3	0.0	7.3	2.5					
	0.0	0.0	0.2	1.0	0.0	1.2	0.9					
CITYR	0	0	0	2	0	1	1	4				
	0.0	0.0	2.4	57.1	4.8	14.3	21.4	7.3				
	0.0	0.0	11.1	9.3	18.2	6.3	4.5					
	0.0	0.0	0.2	4.2	0.3	1.0	1.6					
COLUMN TOTAL	0	0	1	26	1	10	20	57				
TOTAL	0.2	0.2	1.6	44.7	1.9	16.7	34.8	100.0				

COCCURRENCE TABLES

FILE #11 (CREATION DATE = 11/07/78) BUFFALO DISTRICT LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON

CONTROLLING FUNCTION

BASIN

SAMPLING STATION HASIN

VALUE = 3. SANDUSKY 2 FRM

PAGE 1 OF 2

SLOPE

TEXT	CLUNT	18 OR GREATER	15-17	12-14	10-11	9-11	7-10	6-8	4-6	3-5	2-0	1-0	0.5	0.2	0.1	LESS THAN 0.1	ROW PCT TOTAL
CLAY	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILTY CLAY	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	69.2	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILT CLAY/CLAM	2.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	198
	134	25	35	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2
	67.3	12.4	17.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	79.1	33.7	10.2	2.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15.0	2.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CLAY	2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	0.0	94.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LCAP	3.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
	3	5	12	21	0	0	0	0	0	0	0	0	0	0	0	0	4.7
	7.3	12.1	28.7	49.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.8	7.0	3.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.3	0.6	1.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SILTY LOAM	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	607
	13	36	291	224	1	24	0	0	0	0	0	0	0	0	0	0	68.0
	2.1	6.0	48.0	37.0	0.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7.6	49.4	84.1	87.5	103.0	88.4	100.0	77.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.4	4.0	32.6	25.2	0.1	2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VERY SANDY LOAM	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	169	73	346	256	1	27	0	0	0	0	0	0	0	0	0	0	892
TOTAL	19.0	8.2	38.6	28.8	0.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

(CONTINUED)

COCCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., CUE LAKE ERIE LRIS

TEXTURE OF SURFACE HORIZON C R O S S T A B U L A T I O N C F D U N U R B A N S L O P E V A L U E

CONTRILLING FUR... BY SLOPE VALUE = 3. SANDUSKY 2 FRM

BASIN SAMPLING STATION BASIN PAGE 2 OF 2

TEXT	SLOPE																18 OR GREATER	18.01	ROM TOTAL
	COUNT	0.5	1.0	2.0	3-5	6-8	9-11	12-14	15-17	16.01	17.01	18.01	19.01	20.01	21.01	22.01			
SANDY LOAM	ROM PCT	0.5	1.0	2.0	3-5	6-8	9-11	12-14	15-17	16.01	17.01	18.01	19.01	20.01	21.01	22.01			
	LOT PCT	0.21	0.51	1.01	2.01	4.01	7.01	10.01	13.01	16.01	17.01	18.01	19.01	20.01	21.01	22.01			
SANDY LOAM	4.1	0.0	20.0	24.0	0.0	44.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	2
	0.0	0.0	0.7	0.2	0.0	0.4	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.3
FEN SANDYLOAM	4.2	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	10
	18.4	0.0	39.8	0.0	29.6	0.0	0.0	1.0	0.0	10.2	17.2	1.0	0.0	0.0	0.0	0.0	0	0	1.1
FINE SAND	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.1
	0.0	0.0	0.0	0.0	41.7	0.0	0.0	58.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.1
LOAMY SAND	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0
	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0
LCAPF LINESAND	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.5
	0.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.5
MUCK	6.1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	36.2	63.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.5
COLUMN TOTAL	1.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.5
	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.5
TOTAL		169	73	346	7	256	0.1	27	0	6	0.7	6	0.6	892	100.0				

PAGE 1 OF 1

$$\begin{array}{r} 0.001 \\ 0.001 \\ \hline 0.002 \end{array}$$

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE ERIE LRIS

..... C P O S T A B U L A T I O N O F
 LU MAJOR LAND USE CATEGORIES BY SLOPE DON URBAN SLOPE VALUE

CONTROLLING FOR.....
 BASIN SAMPLING STATION BASIN VALUE = 3. SANDUSKY 3 FPM
 PAGE 1 OF 1

COUNT	SLOPE												18 OR GREATER	TOTAL
	0.2	0.5	1.0	2.0	3-5	6-8	9-11	12-14	15-17	18.01	18.01	18.01		
LU	0.21	0.51	1.01	2.01	4.01	7.01	10.01	13.01	16.01	18.01	18.01	18.01		
1.	16.3	48	286	6	214	1	21	0	4	3	725	81.3		
CROPLAND	19.7	56.6	39.4	0.8	29.5	0.1	2.9	0.0	0.5	0.5	0.5	0.5		
	84.4	65.1	82.6	80.0	83.3	90.9	77.1	100.0	67.2	57.9	57.9	57.9		
	16.0	5.3	32.1	0.6	24.0	0.1	2.4	0.0	0.4	0.4	0.4	0.4		
3.	2	2	6	0	6	0	1	0	0	0	18	2.1		
PASTURE	12.0	12.0	33.2	1.1	32.6	0.0	6.0	0.0	1.1	2.2	2.1	2.1		
	1.3	3.0	1.8	2.9	2.3	0.0	4.0	0.0	3.4	7.0	7.0	7.0		
	0.2	0.2	0.7	0.0	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0		
4.	10	11	33	1	20	0	3	0	1	1	79	8.9		
FOREST	12.1	14.0	41.3	0.9	24.7	0.1	4.0	0.0	1.0	1.9	8.9	8.9		
	5.7	15.2	9.5	10.0	7.6	9.1	11.6	0.0	13.8	26.3	26.3	26.3		
	1.1	1.2	3.7	0.1	2.2	0.0	0.4	0.0	0.1	0.2	0.2	0.2		
5.	3	7	2	0	2	0	0	0	0	0	15	1.7		
WATER	18.7	43.9	12.9	1.3	15.5	0.0	3.2	0.0	2.6	1.9	1.7	1.7		
	1.7	9.3	0.6	2.9	0.9	0.0	1.8	0.0	6.9	5.3	5.3	5.3		
	0.3	0.8	0.2	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0		
6.	12	5	19	0	15	0	1	0	0	0	54	6.0		
Other	21.6	10.1	36.0	0.6	27.6	0.0	2.8	0.0	0.9	0.4	6.0	6.0		
	6.9	7.4	5.6	4.3	5.8	0.0	5.5	0.0	8.6	3.5	3.5	3.5		
	1.3	0.6	2.2	0.0	1.7	0.0	0.2	0.0	0.1	0.0	0.0	0.0		
COLUMN TOTAL	169	73	346	7	256	1	27	0	6	6	892	100.0		
TOTAL	19.0	8.2	38.8	0.8	28.8	0.1	3.1	0.0	0.7	0.6	100.0	100.0		

CHI SQUARE = 43.69789 WITH 36 DEGREES OF FREEDOM SIGNIFICANCE = 0.1770
 CRAMER'S V = 0.11068

COOCCURRENCE TABLES

FILE WFI (CREATION DATE = 11/07/78) BUFFALO DIST., COE LAKE EPIL LRIS

..... C R C S T A B U L A T I O N O F INTRINSIC PROBABILITY

.....
 SLOPE DOWN SLOPE VALUE
 CONTROLLING FUR...
 BASIN SAMPLING STATION BASIN

 VALUE = 3. SANDUSKY 3 FRI

 PAGE 1 OF 2

		RFAC												ROW TOTAL	
COUNT		0.10	0.15	0.17	0.20	0.24	0.28	0.32	0.37	0.43					
RUN PCT	COL PCT	0.10	0.15	0.17	0.20	0.24	0.28	0.32	0.37	0.43					
TOT PCT		0.101	0.151	0.171	0.201	0.241	0.281	0.321	0.371	0.431					
SLOPE	0.2	2	0	0	2	40	83	1	0	0					168
	1.0	1.0	0.0	0.0	1.1	47.7	49.6	0.6	0.0	0.0					18.9
	36.2	0.0	0.0	0.0	30.5	91.0	70.8	2.5	0.0	0.0					
	0.2	0.0	0.0	0.0	0.2	9.0	9.4	0.1	0.0	0.0					
	0.5	3	0	0	0	1	24	10	35	0					73
	4.1	0.0	0.0	0.0	0.5	1.6	32.8	13.5	47.3	0.0					8.2
	63.8	0.0	0.0	0.0	6.8	1.4	20.4	25.1	14.5	0.0					
	0.3	0.0	0.0	0.0	0.0	0.1	2.7	1.1	3.9	0.0					
	1.0	0	0	4	3	0	7	12	126	193					346
	0.0	0.0	0.0	1.0	1.0	0.1	2.0	3.5	36.5	55.7					38.8
	0.0	0.0	0.0	57.3	55.9	0.3	5.9	30.7	53.0	49.7					
	0.0	0.0	0.0	0.0	0.4	0.0	0.8	1.4	14.2	21.6					
	2.0	0	0	0	0	0	0	0	0	7					7
	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9	0.0	94.3					0.8
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.7					
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7					
	4.0	0	0	2	0	5	3	14	61	171					256
	0.0	0.1	1.0	1.0	0.2	1.8	1.1	5.5	23.7	66.6					28.8
	0.0	23.1	33.3	33.3	6.8	5.2	2.5	36.0	25.3	44.0					
	0.0	0.0	0.0	0.2	0.0	0.5	0.3	1.6	6.8	19.2					
	7.0	0	0	0	0	0	0	0	0	0					1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.9	9.1					0.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0					
	10.0	0	0	1	0	2	0	1	13	11					27
	0.0	0.4	2.5	2.5	0.0	5.8	1.1	2.9	47.3	40.0					3.1
	0.0	7.7	9.8	9.8	0.0	1.8	0.3	2.0	5.5	2.8					
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.5	1.2					
	COLUMN TOTAL	5	1	7	6	88	118	39	238	388					691
	TOTAL	0.5	0.1	0.6	0.7	9.9	13.2	4.4	26.7	43.5					100.0

(CONTINUED)

EPAS USE1 (CREATION DATE = 11/27/78) BUFFALO CIST., CUE LAKE ERIE LUIS

FILE	DATE	LOCATION	DEPTH	WIND	WAVE	SWELL	SEA	STATE	COUNTRY	INSTRUMENT	REMARKS
001	11/27/78	BUFFALO DIST., CUE LAKE, ERIE	10	10	10	10	10	10	10	10	10
SLOPE DOWN UPDAN SLOPE VALUE CONTROLLING FUP... BASIN SAMPLING STATION BASIN VALUE = 3. SANDUSKY 2 FRM											

PFAC												
	COUNT	C10	0.15	C.17	0.20	0.24	0.26	0.32	0.37	0.43	ROW	
	RGM PCT										TOTAL	
	CUL PCT											
	TOT PCT	0.101	0.151	0.171	0.201	0.241	0.281	0.321	0.371	0.431		
SLOPE	13.0	0	0	C	0	0	0	0	0	0	0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	
12-14		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		0.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15-17	16.0	0	1	0	0	0	0	0	2	3	6	
		0.0	15.2	0.0	0.0	1.7	0.0	5.2	27.6	50.0	0.7	
		0.0	69.2	0.0	0.0	0.1	0.0	0.8	0.7	0.7	0.7	
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	
		0.0	0.0	C	0	0	0	1	1	4	6	
18 (R GREATER		0.0	0.0	0.0	0.0	1.8	0.0	15.8	15.6	66.7	6.6	
		0.0	0.0	0.0	0.0	0.1	0.0	2.3	0.4	1.0	1.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.4	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	
COLUMN TOTAL	5	1	1	7	6	88	118	39	236	388	891	
TOTAL	0.5	0.1	0.6	0.7	0.7	9.9	13.2	4.4	26.7	43.5	100.0	

COOCCURRENCE TABLES

FILE MFI (CREATION DATE = 11/07/78) BUFFALO DIST., CCE LAKE ERIE LRIS

***** C R O S S T A B U L A T I O N O F M A J O R L A N D U S E C A T E G O R I E S *****
 TEXT TEXTURE OF SURFACE HORIZON BY LU
 CONTROLLING FOR...
 BASIN SAMPLING STATION BASIN VALUE = 3. SANDUSKY 2 FRM
 ***** PAGE 1 OF 2 *****

COUNTY		LU										ROW TOTAL
TEXT	ROW PCT	ICROPLAND	PASTURE	FOREST	WATER	OTHER						
	COL PCT	TOT PCT										
TEXT	1.1	8	1	1	0	1	5.1	6.1				11
	71.1	5.3	7.9	2.6	13.2							1.3
	1.1	3.3	1.1	1.9	2.8							
	0.9	0.1	0.1	0.0	0.2							
CLAY	1.2	5	0	0	0	0						6
	81.5	1.5	7.7	3.1	6.2							0.7
	0.7	0.5	0.6	1.3	0.7							
	0.6	0.0	0.1	0.0	0.0							
SILTCLAYLOAM	2.1	164	2	15	4	13						198
	82.8	1.1	7.7	2.0	6.4							22.2
	22.7	12.0	19.1	25.8	23.7							
	18.4	0.2	1.7	0.4	1.4							
CLAY LOAM	2.2	2	0	0	0	0						2
	89.5	0.0	5.3	0.0	5.3							0.2
	0.2	0.0	0.1	0.0	0.2							
	0.2	0.0	0.0	0.0	0.0							
LOAM	3.1	35	1	3	1	2						42
	83.6	1.7	7.8	1.9	5.0							4.7
	4.9	3.8	4.2	5.2	3.9							
	4.0	0.1	0.4	0.1	0.2							
SILTY LOAM	3.2	480	14	58	10	33						607
	80.8	2.4	9.6	1.7	5.5							68.0
	67.6	77.7	73.4	65.2	62.5							
	55.0	1.6	6.5	1.1	3.8							
VFSANDY LOAM	3.3	1	0	0	0	0						2
	55.0	18.0	10.0	6.0	15.0							0.2
	0.7	1.1	0.3	0.0	0.6							
	0.1	0.0	0.0	0.0	0.0							
COLUMN TOTAL		725	18	79	15	54						892
TOTAL		81.3	2.1	8.9	1.7	6.0						100.0

CONTINUED

(CONTINUED)

COOCCURENCE TABLES

FILE #F1 (COPEATION DATE = 11/07/79) BUFFALO DIST., COE LAKE EPIC LRIS

TEXT TEXTURE OF SURFACE HORIZON C R O S S T A B U L A T I O N O F MAJOR LAND USE CATEGORIES
 CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 3. SANDUSKY 2 FRM
 PAGE 2 OF 2

LU									
COUNTY	ROM PCT	ICROPLAND	PASTURE	FOREST	WATER	OTHER	ROM	TOTAL	
TEXT	COL PCT	TOT PCT	1.1	3.1	4.1	5.1	6.1		
SANDY LOAM	4.1	92.0	0	0	0	0	0	2	0.3
		0.3	0.0	0.1	0.0	0.0	0.0		
		0.3	0.0	0.0	0.0	0.0	0.0		
FN SANDY LOAM	4.2	88.8	0	0	0	0	0	10	1.1
		1.2	1.1	0.6	0.0	0.0	0.7		
		1.0	0.0	0.1	0.0	0.0	0.0		
FINE SAND	5.2	83.3	0	0	0	0	0	1	0.1
		0.1	0.0	0.1	0.0	0.0	0.2		
		0.1	0.0	0.0	0.0	0.0	0.0		
LOAMY SAND	5.4	100.0	0	0	0	0	0	0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0		
		0.0	0.0	0.0	0.0	0.0	0.0		
LOAM FINE SAND	5.5	89.6	2.3	4.5	0.0	0.0	0.0	4	0.5
		0.5	0.5	0.3	0.0	0.4	0.0		
		0.4	0.0	0.0	0.0	0.0	0.0		
MUCK	6.1	51.1	0	0	0	0	0	3	0.5
		0.3	0.0	0.0	2.1	46.8	4.1		
		0.3	0.0	0.0	0.0	0.0	0.2		
COLUMN TOTAL	725	18	79	15	54	892	100.0		
	81.3	2.1	8.9	1.7	6.0				

CHI SQUARE = 20.42269 WITH 48 DEGREES OF FREEDOM SIGNIFICANCE = 0.9998
 CRAMER'S V = 0.07576

CCE LFIS CRUSSTABS UPDATE

FILE MFI CREATION DATE = 11/10/78) BUFFALO DIST., CCE LAKE ERIE LRIS

PERM PERMEABILITY LOW VALUE IN HORIZ. IN P.M.R. C R O S S T A B U L A T I O N C F MAJOR LAND USE CATEGORIES

CONTRCLNG FOR.. BASIN SAMPLING STATION BASIN VALUE = 3. SANDUSKY 2 FRM

..... PAGE 1 OF 1

COUNT									
ROM PCT CROPLAND PASTURE FOREST WATER OTHER ROM TOTAL									
COL PCT									
TOT PCT									
PERM	1.1	3.1	4.1	5.1	6.1				
SURF .01 TO 0.09	11	1	1	0	2				16
	70.5	5.1	5.6	3.2	11.5				1.8
	1.5	4.3	1.5	3.2	3.4				
	1.2	0.1	0.2	0.1	0.2				
2.	458	11	50	5	33				557
BELC .01 TO 0.09	82.1	2.0	5.0	0.9	6.0				62.6
	63.3	59.8	63.0	33.8	62.2				
	51.4	1.2	5.6	0.6	3.7				
4.	184	4	16	4	12				220
BELC .20 TO 0.59	83.8	1.8	7.1	1.9	5.4				26.7
	25.5	21.2	19.8	27.3	22.2				
	20.7	0.4	1.8	0.5	1.3				
5.	60	2	11	5	5				84
BELC .60 TO 1.9	71.3	2.9	12.5	6.5	6.5				9.4
	8.3	13.0	13.6	35.1	10.1				
	6.7	0.3	1.2	0.5	0.6				
6.	9	0	1	0	1				12
BELC 2.0 TO 5.9	78.4	1.7	11.2	0.9	7.8				1.3
	1.3	1.1	1.6	0.6	1.7				
	1.0	0.0	0.1	0.0	0.1				
7.	2	0	0	0	0				2
BELC 6.0 OR GTR	81.8	4.5	4.5	0.0	9.1				0.2
	0.2	0.5	0.1	0.0	0.4				
	0.2	0.0	0.0	0.0	0.0				
COLUMN TOTAL	724	19	79	15	53				890
	81.3	2.1	6.5	1.7	6.0				100.0

CCCCCURENCE TABLES

FILE MF1 CREATION DATE = 11/01/78J BUFFALO DIST., QUE LAKE ERIC CRIS

CAP LAND CAPABILITY CLASS WITH LIPITS C R C S T A B U L A T I O N C F P A J C P LAND USE C A T E G O R I E S

CONTROLLING FUR... E A S I N S A M P L I N G S T A T I O N B A S I N VALUE = 3. SANCUSKY 2 FRM PAGE 1 OF 3

CAP	LU										RUM TCLAL
	COUNT	1	2	3	4	5	6	7	8	9	
	RUM PCT	ICRPLAND	PASTURE	FOREST	WATER	OTHER					
	TCL PCT	1.1	3.1	4.1	5.1	6.1					
1	1.1	12	0	2	1	1	17				
		74.4	2.4	15.1	3.6	4.2					
		1.7	2.2	3.3	3.9	1.3					
		1.4	0.0	0.2	0.1	0.1					
2	2.1	3	0	0	0	0	3				
		100.0	0.0	0.0	0.0	0.0					
		0.4	0.0	0.0	0.0	0.0					
		7.3	0.0	0.0	0.0	0.0					
3	3.1	182	5	18	2	13	220				
		47.4	2.4	8.0	1.0	5.8					
		25.1	28.2	22.6	12.5	23.9					
		20.4	0.6	2.0	0.2	1.4					
4	4.1	293	7	33	5	21	359				
		81.5	2.0	9.3	1.4	5.6					
		40.4	38.6	42.2	33.5	38.9					
		32.8	0.8	3.8	0.6	2.3					
5	5.1	1	0	0	0	0	2				
		91.3	6.3	12.5	0.0	0.0					
		0.2	0.5	0.2	0.0	0.0					
		0.1	0.0	0.0	0.0	0.0					
6	6.1	34	2	4	1	2	43				
		80.1	3.7	9.1	1.9	5.2					
		4.7	8.7	4.5	5.2	4.1					
		3.8	0.2	0.4	0.1	0.2					
7	7.1	83	2	11	3	7	106				
		78.4	1.9	10.2	2.6	6.9					
		11.4	10.9	13.7	18.1	13.4					
		9.3	0.2	1.2	0.3	0.8					
COLUMN		125	18	75	15	54	492				
TOTAL		81.3	2.1	8.5	1.7	6.0	109.0				

(CONTINUED)

AD-A096 303

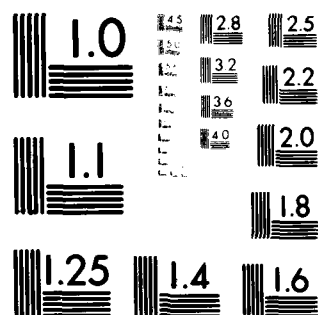
RESOURCE MANAGEMENT ASSOCIATES
LAND RESOURCES INFORMATION FOR
MAR 79

UNCLASSIFIED

4 of 4

AD-A096 303





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

COCCURRENCE TABLES

FILE MFI CREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE ERIL UNIS

LAND CAPABILITY CLASSIFICATION BY LU PAJACK LAND USE CATEGORIES

CONTROLLING FUR. BASIN SAMPLING STATION BASIN VALUE = 3. SANDUSKY J FRM

PAGE 2 OF 3

CAP	COUNT ROW PCT COL PCT TOT PCT	LU										NUM TOTAL
		1-1	2-1	3-1	4-1	5-1	6-1	7-1	8-1	9-1	10-1	
4S	8.	0	0	0	0	0	0	0	0	0	0	0
		66.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	9.	3	0	0	1	0	0	0	0	0	0	5
		66.0	2.0	0.0	16.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.5	0.5	1.0	1.0	2.6	0.7	0.7	0.7	0.7	0.7	0.7
		0.4	0.3	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	10.	0	0	0	0	0	0	0	0	0	0	0
		100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	13.	108	1	1	1	3	1	1	1	1	1	128
		84.2	1.1	6.6	6.6	2.6	5.5	5.5	5.5	5.5	5.5	14.4
		14.9	7.6	10.7	10.7	21.3	13.1	13.1	13.1	13.1	13.1	13.1
		12.1	0.2	3.6	3.6	0.4	0.8	0.8	0.8	0.8	0.8	0.8
14.	14.	1	0	0	0	0	0	0	0	0	0	1
		80.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
		0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	15.	2	0	0	1	0	0	0	0	0	0	4
		58.3	8.3	25.0	25.0	2.6	5.6	5.6	5.6	5.6	5.6	0.4
		0.3	1.6	1.1	1.1	0.6	0.4	0.4	0.4	0.4	0.4	0.4
		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.	16.	1	0	0	0	0	0	0	0	0	0	3
		25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
COLUMN TOTAL	125	10	75	15	15	15	54	54	54	54	54	892
TOTAL	81.3	2.1	8.5	1.7	1.7	1.7	6.0	6.0	6.0	6.0	6.0	100.0

(CONTINUED)

CONCURRENCE TABLES

FILE MF1 (CREATION DATE = 11/07/78) BUFFALO DIST., LUE LAKE ENJE LRIES

LAND CAPABILITY CLASS WITH LEPTS C R O S T A B U L A T I O N U F MAJOR LAND USE CATEGORIES

CONTROLLING FOR... BASIN SAMPLING STATION BASIN VALUE = 3. SANDUSKY 3 FRM

PAGE 3 OF 3

LU

	COUNT	NON PCT	ECROPLAND	PASTURE	FCREST	WATER	OTHER	ROW TOTAL
	LU1 PCT	LU1 PCT	LU1 PCT	LU1 PCT	LU1 PCT	LU1 PCT	LU1 PCT	LU1 PCT
CAP	1.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1
7E	55.6	5.6	27.6	11.1	0.0	0.0	0.0	0.2
	0.1	0.5	0.6	1.3	0.0	0.0	0.0	0.0
	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
COLUMN TOTAL	725	18	75	15	54	892	100.0	
	81.3	2.1	8.3	1.7	6.0	100.0		

CHI SQUARE = 37.44208 WITH 56 DEGREES OF FREEDOM SIGNIFICANCE = 0.9731

CRAMER'S V = 0.10248

CCCCCUMMENCE TABLES

FILE MP1 ICREATION DATE = 11/07/781 BUFFALO DIST. LUE LAKE ERIL LRIS

LU MAJOR LAND USE CATEGORIES CRUS T A B U L A T I O N U F DRAINAGE CHARACTERISTICS CODE

CONTROLLING FUR. BASIN SAMPLING STATION BASIN VALUE = 3. SANDUSKY 8 FRM PAGE 1 UF 1

CUMULATIVE									
LU	RUN PCT	INERTIUM	PURIFY	SCHLEICHER	MUD-HELL	WELL	RUN	TOTAL	
	COL PCT	ICKAINED	DRAINED	CRAINED	DRAINED	DRAINED			
	TOT PCT	1.1	2.1	3.1	4.1	5.1			
CREPILAND	1.	157	58	384	101	24	725		
		21.7	8.3	51.6	13.9	3.3	81.3		
		81.9	82.2	81.5	79.0	75.6			
PASTURE	3.	17.7	6.5	43.1	11.3	2.7			
FOREST	4.	13	7	42	12	4	79		
		16.0	9.4	52.5	15.7	4.9	89.9		
		6.6	10.8	9.1	9.8	12.5			
WATER	5.	1.4	0.8	4.6	1.4	0.4			
		4	2	5	3	1	15		
		27.7	10.3	34.6	10.7	8.4	1.7		
CITY-EN	6.	2.2	2.3	1.2	2.3	5.1			
		0.5	0.2	0.6	0.2	0.1			
TOTAL		192	71	465	128	31	892		
		21.6	7.9	52.6	14.3	3.5	100.0		

CONCURRENCE TABLES

FILE #01 (CREATION DATE = 11/07/79) BUFFALO DIST., CUE LAKE ERIE LRIS

LU MAJOR LAND USE CATEGORIES C R G S T A B U L A T J U A C F INTRINSIC ERCCABILITY

CONTROLLING FUR... 3. SANDUSKY B FRM VALUE =

PAGE 1 OF 1

		PEAC												ROM	
LCUMT		0.10	0.15	0.17	0.20	0.24	0.28	0.32	0.37	0.43					TOTAL
CGL PCT		0.101	0.151	0.171	0.201	0.241	0.281	0.321	0.371	0.431					
TOT PCT		0.101	0.151	0.171	0.201	0.241	0.281	0.321	0.371	0.431					
LU	1.	2	1	1	5	75	57	31	189	317					724
		0.3	0.1	0.5	0.7	10.3	13.4	4.2	26.1	43.8					81.3
CROPLAND		51.1	76.9	89.3	91.5	85.0	82.4	77.9	79.3	81.7					
		0.3	0.1	0.5	0.6	8.4	10.9	3.4	21.2	35.6					
3.		0	0	0	0	1	2	1	5	9					18
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					2.1
PASTURE		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
4.		0	0	0	0	6	8	4	26	34					79
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					8.9
FOREST		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.		0	0	0	0	1	2	1	7	4					15
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					1.7
WATER		2.1	0.0	0.0	0.0	1.6	2.1	3.3	2.8	0.9					
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
6.		2	0	0	0	5	8	2	11	24					54
		4.1	0.4	0.6	0.4	9.5	15.1	3.9	20.9	45.1					6.0
OTHER		46.8	15.4	4.0	3.4	5.8	6.9	5.3	4.7	6.2					
		0.2	0.0	0.0	0.0	0.6	0.9	0.2	1.3	2.7					
COLUMN TOTAL		5	1	7	6	88	118	39	238	388					891
		0.5	0.1	0.6	0.7	9.9	13.2	4.4	26.7	43.5					100.0

References

1. Cahill, T. H., "Lake Erie Land Resources Information System," LEWMS Technical Report, U. S. Army Corps of Engineers, Buffalo, New York, February 1978.