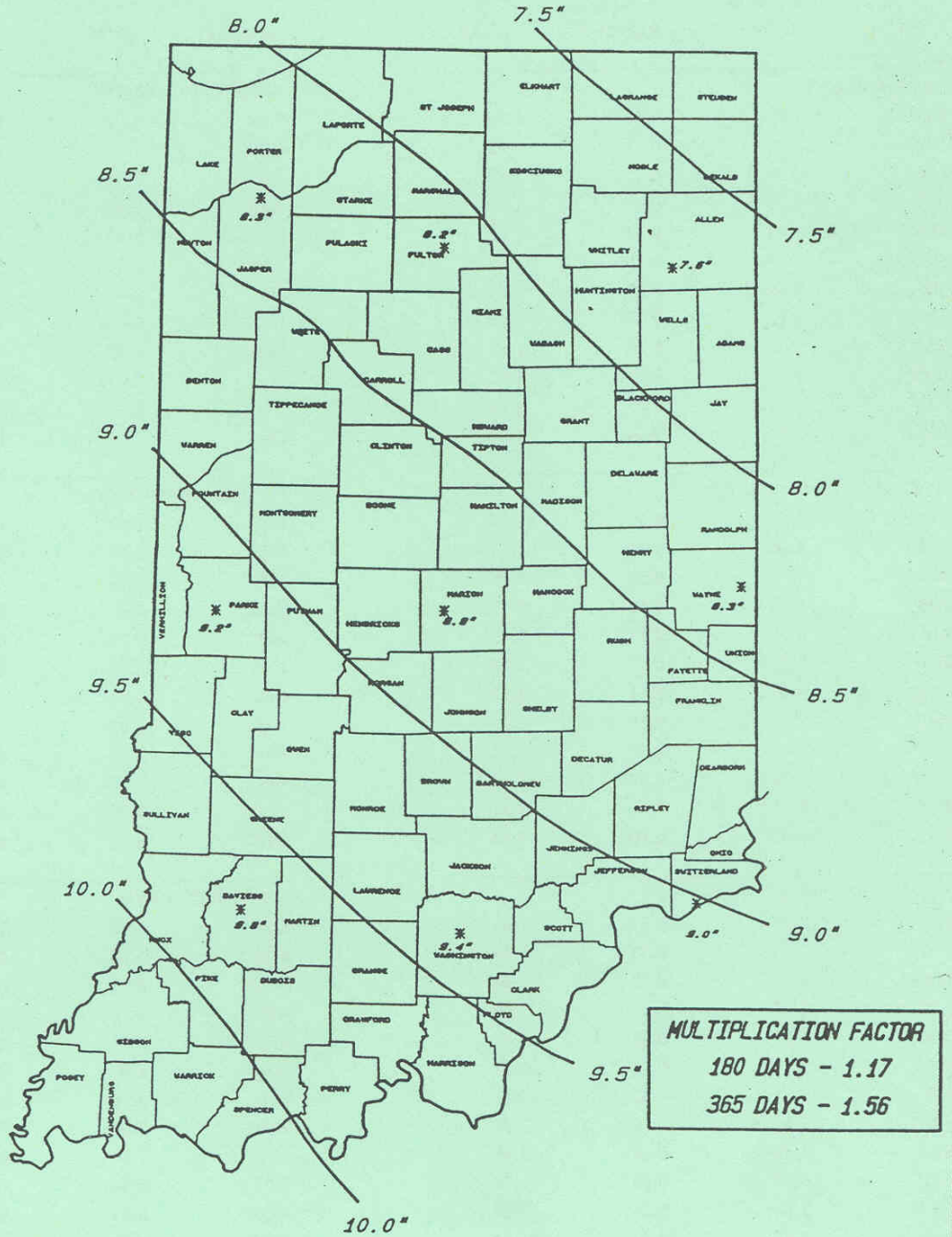
RUNOFF FROM 120 DAYS OF AVERAGE RAINFALL PLUS 25 YEAR STORM ON AN UNPAVED LOT



INCHES OF RUNOFF FROM A PAVED FEEDLOT

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
ALLEN COUNTY			
JAN	1.87	0.46	0.86
FEB	1.91	0.43	0.82
MAR	2.90	0.45	1.30
APR	3.38	0.49	1.66
MAY	3.44	0.50	1.72
JUN	3.59	0.55	1.97
JUL	3.45	0.59	2.04
AUG	3.37	0.55	1.85
SEP	2.67	0.55	1.47
OCT	2.49	0.53	1.32
NOV	2.79	0.45	1.26
DEC	2.89	0.44	1.27
BARTHOLOMEW COUNTY			
JAN	2.45	0.55	1.35
FEB	2.56	0.51	1.31
MAR	4.09	0.55	2.25
APR	4.15	0.51	2.12
MAY	4.58	0.53	2.43
JUN	2.71	0.57	1.54
JUL	4.64	0.61	2.83
AUG	3.64	0.58	2.11
SEP	2.62	0.58	1.52
OCT	2.71	0.53	1.44
NOV	3.55	0.51	1.81
DEC	3.29	0.50	1.64
DAVIESS COUNTY			
JAN	2.48	0.57	1.41
FEB	2.75	0.53	1.69
MAR	4.32	0.52	2.66
APR	3.77	0.53	2.00
MAY	5.09	0.55	2.80
JUN	3.48	0.58	2.02
JUL	5.01	0.62	3.11
AUG	3.86	0.58	2.24
SEP	2.49	0.60	1.49
OCT	3.09	0.55	1.70
NOV	3.80	0.55	2.09
DEC	3.53	0.52	1.84

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
ELKHART COUNTY			
JAN	1.60	0.43	0.69
FEB	1.61	0.41	0.66
MAR	2.72	0.44	1.20
APR	3.40	0.49	1.67
MAY	3.19	0.50	1.59
JUN	3.70	0.55	2.03
JUL	3.62	0.58	2.10
AUG	3.72	0.56	2.08
SEP	3.45	0.56	1.93
OCT	2.67	0.54	1.44
NOV	2.75	0.44	1.21
DEC	2.64	0.43	1.14
FRANKLIN COUNTY			
JAN	2.41	0.54	1.30
FEB	2.51	0.49	1.23
MAR	3.83	0.53	2.03
APR	3.72	0.50	1.86
MAY	4.79	0.53	2.54
JUN	3.60	0.57	2.05
JUL	4.61	0.60	2.77
AUG	3.92	0.57	2.23
SEP	2.71	0.57	1.54
OCT	2.96	0.50	1.48
NOV	3.38	0.50	1.69
DEC	3.27	0.49	1.60
FULTON COUNTY			
JAN	1.73	0.45	0.78
FEB	1.67	0.42	0.70
MAR	2.73	0.45	1.23
APR	3.72	0.50	1.86
MAY	3.84	0.52	2.00
JUN	4.02	0.56	2.25
JUL	3.76	0.60	2.26
AUG	3.56	0.56	1.99
SEP	3.59	0.59	2.12
OCT	2.74	0.55	1.51
NOV	3.31	0.45	1.49
DEC	2.99	0.45	1.35

INCHES OF RUNOFF FROM A PAVED FEEDLOT

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
HARRISON COUNTY			
JAN	3.92	0.58	2.27
FEB	3.42	0.55	1.88
MAR	4.54	0.58	2.63
APR	4.10	0.53	2.17
MAY	4.11	0.55	2.26
JUN	3.70	0.58	2.15
JUL	4.01	0.61	2.45
AUG	2.98	0.58	1.73
SEP	2.88	0.59	1.70
OCT	2.24	0.53	1.19
NOV	3.39	0.55	1.86
DEC	3.50	0.55	1.92
HOWARD COUNTY			
JAN	2.41	0.49	1.18
FEB	2.36	0.46	1.09
MAR	3.25	0.48	1.56
APR	3.68	0.51	1.88
MAY	3.92	0.52	2.04
JUN	3.61	0.57	2.06
JUL	4.14	0.60	2.48
AUG	4.59	0.57	2.62
SEP	3.30	0.60	1.98
OCT	3.19	0.55	1.75
NOV	3.67	0.48	1.76
DEC	3.49	0.45	1.57
JASPER COUNTY			
JAN	1.69	0.45	0.76
FEB	1.35	0.40	0.54
MAR	2.90	0.45	1.30
APR	3.78	0.51	1.93
MAY	3.56	0.52	1.85
JUN	4.12	0.57	2.35
JUL	3.90	0.60	2.34
AUG	3.28	0.57	1.87
SEP	3.67	0.60	2.20
OCT	2.45	0.55	1.35
NOV	2.62	0.47	1.23
DEC	2.54	0.43	1.09

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
JAY COUNTY			
JAN	1.89	0.50	0.94
FEB	1.85	0.45	0.83
MAR	3.02	0.47	1.42
APR	3.65	0.49	1.79
MAY	3.72	0.51	1.90
JUN	3.83	0.56	1.90
JUL	4.00	0.60	2.40
AUG	3.65	0.57	2.08
SEP	2.96	0.57	1.69
OCT	2.51	0.53	1.33
NOV	2.93	0.47	1.38
DEC	2.71	0.45	1.22
MARION COUNTY			
0JAN	2.33	0.53	1.23
FEB	2.46	0.49	1.21
MAR	3.79	0.52	1.97
APR	3.70	0.52	1.92
MAY	4.00	0.53	2.12
JUN	3.50	0.57	1.99
JUL	4.47	0.61	2.73
AUG	3.64	0.58	2.11
SEP	2.87	0.60	1.72
OCT	2.63	0.54	1.42
NOV	3.24	0.50	1.62
DEC	3.34	0.45	1.50
			21.5 inches
MONROE COUNTY			
JAN	2.37	0.56	1.33
FEB	2.57	0.52	1.34
MAR	4.06	0.55	2.23
APR	3.93	0.53	2.08
MAY	4.59	0.54	2.48
JUN	3.66	0.58	2.12
JUL	4.79	0.61	2.92
AUG	3.89	0.58	2.26
SEP	3.32	0.60	1.99
OCT	2.83	0.55	1.56
NOV	3.47	0.53	1.84
DEC	3.61	0.49	1.77

INCHES OF RUNOFF FROM A PAVED FEEDLOT

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
PARKE COUNTY			
JAN	2.14	0.52	1.11
FEB	2.16	0.48	1.04
MAR	3.62	0.52	1.88
APR	4.33	0.52	2.25
MAY	4.56	0.55	2.51
JUN	3.81	0.58	2.21
JUL	4.85	0.61	2.96
AUG	3.78	0.58	2.19
SEP	3.26	0.61	1.99
OCT	2.92	0.56	1.64
NOV	3.82	0.52	1.99
DEC	3.94	0.48	1.89
PORTER COUNTY			
JAN	1.91	0.43	0.82
FEB	1.67	0.38	0.63
MAR	2.98	0.45	1.34
APR	3.97	0.50	1.98
MAY	3.86	0.51	1.97
JUN	4.22	0.57	2.41
JUL	4.00	0.60	2.40
AUG	3.81	0.56	2.13
SEP	4.20	0.60	2.52
OCT	3.06	0.55	1.68
NOV	3.40	0.45	1.53
DEC	2.96	0.44	1.30
STEUBEN COUNTY			
JAN	1.64	0.42	0.69
FEB	1.69	0.42	0.71
MAR	2.63	0.44	1.16
APR	3.44	0.48	1.65
MAY	3.73	0.48	1.79
JUN	3.42	0.55	1.88
JUL	3.84	0.57	2.19
AUG	3.48	0.55	1.91
SEP	3.25	0.55	1.79
OCT	2.57	0.52	1.34
NOV	2.97	0.44	1.31
DEC	2.89	0.43	1.24

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
SWITZERLAND COUNTY			
JAN	2.69	0.55	1.48
FEB	3.01	0.50	3.65
MAR	4.38	0.55	2.41
APR	3.99	0.51	2.03
MAY	4.37	0.53	2.32
JUN	3.89	0.57	2.22
JUL	4.12	0.60	2.47
AUG	3.84	0.57	2.19
SEP	3.10	0.57	1.77
OCT	2.93	0.50	1.46
NOV	3.46	0.52	1.80
DEC	3.47	0.50	1.73
TIPPECANOE COUNTY			
JAN	1.73	0.49	0.85
FEB	1.66	0.45	0.75
MAR	2.98	0.49	1.46
APR	3.61	0.52	1.88
MAY	3.87	0.54	2.09
JUN	3.81	0.57	2.17
JUL	3.90	0.61	2.38
AUG	3.54	0.57	2.02
SEP	2.84	0.60	1.70
OCT	2.52	0.56	1.41
NOV	2.88	0.50	1.44
DEC	2.71	0.45	1.22
VANDERBURGH COUNTY			
JAN	2.66	0.59	1.57
FEB	3.12	0.55	1.72
MAR	4.71	0.60	2.83
APR	4.02	0.55	2.21
MAY	4.75	0.57	2.71
JUN	3.49	0.60	2.09
JUL	4.04	0.62	2.50
AUG	3.11	0.60	1.87
SEP	2.97	0.60	1.78
OCT	2.87	0.56	1.61
NOV	3.73	0.60	2.24
DEC	3.67	0.57	2.09

INCHES OF RUNOFF FROM A PAVED FEEDLOT

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
VIGO COUNTY			
JAN	2.13	0.55	1.17
FEB	2.29	0.50	1.14
MAR	3.66	0.54	1.98
APR	3.94	0.53	2.09
MAY	4.41	0.56	2.47
JUN	3.64	0.58	2.11
JUL	4.94	0.61	3.01
AUG	3.62	0.58	2.10
SEP	3.41	0.61	2.08
OCT	2.33	0.56	1.30
NOV	3.35	0.55	1.84
DEC	3.00	0.49	1.47
WASHINGTON COUNTY			
JAN	2.94	0.57	1.68
FEB	2.96	0.53	1.57
MAR	4.86	0.57	2.77
APR	4.33	0.53	2.29
MAY	4.71	0.54	2.54
JUN	3.68	0.58	2.13
JUL	5.04	0.61	3.07
AUG	3.34	0.58	1.94
SEP	2.83	0.58	1.64
OCT	3.01	0.53	1.60
NOV	3.87	0.55	2.13
DEC	3.56	0.52	1.85
WAYNE COUNTY			
JAN	2.15	0.52	1.12
FEB	2.45	0.47	1.15
MAR	3.28	0.50	1.64
APR	3.61	0.49	1.77
MAY	4.31	0.52	2.24
JUN	3.97	0.57	2.26
JUL	3.83	0.60	2.30
AUG	4.01	0.57	2.29
SEP	2.61	0.57	1.49
OCT	3.35	0.51	1.71
NOV	3.41	0.48	1.64
DEC	3.24	0.47	1.52

INCHES OF RUNOFF FROM AN UNPAVED FEEDLOT

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
ALLEN COUNTY			
JAN	1.87	0.17	0.32
FEB	1.91	0.12	0.23
MAR	2.90	0.14	0.41
APR	3.38	0.16	0.54
MAY	3.44	0.18	0.62
JUN	3.59	0.25	0.90
JUL	3.45	0.25	0.86
AUG	3.37	0.24	0.81
SEP	2.67	0.22	0.59
OCT	2.49	0.21	0.52
NOV	2.79	0.16	0.45
DEC	2.89	0.15	0.43
BARTHOLOMEW COUNTY			
JAN	2.45	0.22	0.54
FEB	2.56	0.18	0.46
MAR	4.09	0.22	0.90
APR	4.15	0.19	0.79
MAY	4.58	0.22	1.01
JUN	2.71	0.26	0.70
JUL	4.64	0.27	1.25
AUG	3.64	0.26	0.95
SEP	2.62	0.26	0.68
OCT	2.71	0.20	0.54
NOV	3.55	0.20	0.71
DEC	3.29	0.18	0.59
DAVIESS COUNTY			
JAN	2.48	0.26	0.64
FEB	2.75	0.20	0.55
MAR	4.32	0.25	1.08
APR	3.77	0.22	0.83
MAY	5.09	0.24	1.22
JUN	3.48	0.27	0.94
JUL	5.01	0.27	1.35
AUG	3.86	0.27	1.04
SEP	2.49	0.26	0.65
OCT	3.09	0.22	0.68
NOV	3.80	0.23	0.87
DEC	3.53	0.20	0.71

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
ELKHART COUNTY			
JAN	1.60	0.15	0.24
FEB	1.61	0.10	0.16
MAR	2.72	0.15	0.41
APR	3.40	0.16	0.54
MAY	3.19	0.18	0.57
JUN	3.70	0.25	0.92
JUL	3.62	0.25	0.90
AUG	3.72	0.24	0.89
SEP	3.45	0.22	0.76
OCT	2.67	0.23	0.61
NOV	2.75	0.15	0.41
DEC	2.64	0.15	0.40
FRANKLIN COUNTY			
JAN	2.41	0.20	0.48
FEB	2.51	0.16	0.40
MAR	3.83	0.21	0.80
APR	3.72	0.18	0.67
MAY	4.79	0.20	0.96
JUN	3.60	0.26	0.94
JUL	4.61	0.26	1.20
AUG	3.92	0.25	0.98
SEP	2.71	0.25	0.68
OCT	2.96	0.19	0.56
NOV	3.38	0.18	0.61
DEC	3.27	0.18	0.59
FULTON COUNTY			
JAN	1.73	0.17	0.29
FEB	1.67	0.12	0.20
MAR	2.73	0.15	0.41
APR	3.72	0.17	0.63
MAY	3.84	0.20	0.77
JUN	4.02	0.25	1.00
JUL	3.76	0.25	0.94
AUG	3.56	0.25	0.89
SEP	3.59	0.25	0.90
OCT	2.74	0.25	0.68
NOV	3.31	0.20	0.66
DEC	2.99	0.18	0.54

INCHES OF RUNOFF FROM AN UNPAVED FEEDLOT

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
HARRISON COUNTY			
JAN	3.92	0.25	0.98
FEB	3.42	0.21	0.72
MAR	4.54	0.25	1.13
APR	4.10	0.20	0.82
MAY	4.11	0.23	0.95
JUN	3.70	0.26	0.96
JUL	4.01	0.27	1.08
AUG	2.98	0.27	0.80
SEP	2.88	0.26	0.75
OCT	2.24	0.20	0.45
NOV	3.39	0.22	0.75
DEC	3.50	0.20	0.70
HOWARD COUNTY			
JAN	2.41	0.19	0.46
FEB	2.36	0.12	0.28
MAR	3.25	0.17	0.55
APR	3.68	0.18	0.66
MAY	3.92	0.20	0.78
JUN	3.61	0.26	0.94
JUL	4.14	0.26	1.08
AUG	4.59	0.25	1.15
SEP	3.30	0.25	0.82
OCT	3.19	0.21	0.67
NOV	3.67	0.17	0.62
DEC	3.49	0.17	0.59
JASPER COUNTY			
JAN	1.69	0.16	0.27
FEB	1.35	0.11	0.15
MAR	2.90	0.15	0.43
APR	3.78	0.19	0.72
MAY	3.56	0.20	0.71
JUN	4.12	0.26	1.07
JUL	3.90	0.26	1.01
AUG	3.28	0.25	0.82
SEP	3.67	0.25	0.92
OCT	2.45	0.25	0.61
NOV	2.62	0.16	0.42
DEC	2.54	0.16	0.41

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
JAY COUNTY			
JAN	1.89	0.18	0.34
FEB	1.85	0.13	0.24
MAR	3.02	0.16	0.48
APR	3.65	0.17	0.62
MAY	3.72	0.18	0.67
JUN	3.83	0.25	0.96
JUL	4.00	0.25	1.00
AUG	3.65	0.24	0.88
SEP	2.96	0.23	0.68
OCT	2.51	0.19	0.48
NOV	2.93	0.17	0.50
DEC	2.71	0.16	0.43
MARION COUNTY			
JAN	2.33	0.21	0.49
FEB	2.46	0.15	0.37
MAR	3.79	0.20	0.76
APR	3.70	0.19	0.70
MAY	4.00	0.21	0.84
JUN	3.50	0.26	0.91
JUL	4.47	0.27	1.21
AUG	3.64	0.25	0.91
SEP	2.87	0.25	0.72
OCT	2.63	0.20	0.53
NOV	3.24	0.19	0.62
DEC	3.34	0.17	0.57
MONROE COUNTY			
JAN	2.37	0.24	0.57
FEB	2.57	0.18	0.46
MAR	4.06	0.22	0.89
APR	3.93	0.20	0.79
MAY	4.59	0.22	1.01
JUN	3.66	0.26	0.95
JUL	4.79	0.27	1.29
AUG	3.89	0.27	1.05
SEP	3.32	0.26	0.86
OCT	2.83	0.20	0.57
NOV	3.47	0.20	0.69
DEC	3.61	0.18	0.65

INCHES OF RUNOFF FROM AN UNPAVED FEEDLOT

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
PARKE COUNTY			
JAN	2.14	0.23	0.49
FEB	2.16	0.15	0.32
MAR	3.62	0.20	0.72
APR	4.33	0.20	0.87
MAY	4.56	0.22	1.00
JUN	3.81	0.26	0.99
JUL	4.85	0.28	1.36
AUG	3.78	0.27	1.02
SEP	3.26	0.26	0.85
OCT	2.92	0.24	0.70
NOV	3.82	0.20	0.76
DEC	3.94	0.18	0.71
PORTER COUNTY			
JAN	1.91	0.15	0.29
FEB	1.67	0.10	0.17
MAR	2.98	0.15	0.45
APR	3.97	0.18	0.71
MAY	3.86	0.20	0.77
JUN	4.22	0.25	1.05
JUL	4.00	0.28	1.12
AUG	3.81	0.25	0.95
SEP	4.20	0.25	1.05
OCT	3.06	0.25	0.76
NOV	3.40	0.16	0.54
DEC	2.96	0.16	0.47
STEUBEN COUNTY			
JAN	1.64	0.15	0.25
FEB	1.69	0.11	0.19
MAR	2.63	0.14	0.37
APR	3.44	0.15	0.52
MAY	3.73	0.17	0.63
JUN	3.42	0.24	0.82
JUL	3.84	0.24	0.92
AUG	3.48	0.23	0.80
SEP	3.25	0.20	0.65
OCT	2.57	0.22	0.57
NOV	2.97	0.15	0.45
DEC	2.89	0.15	0.43

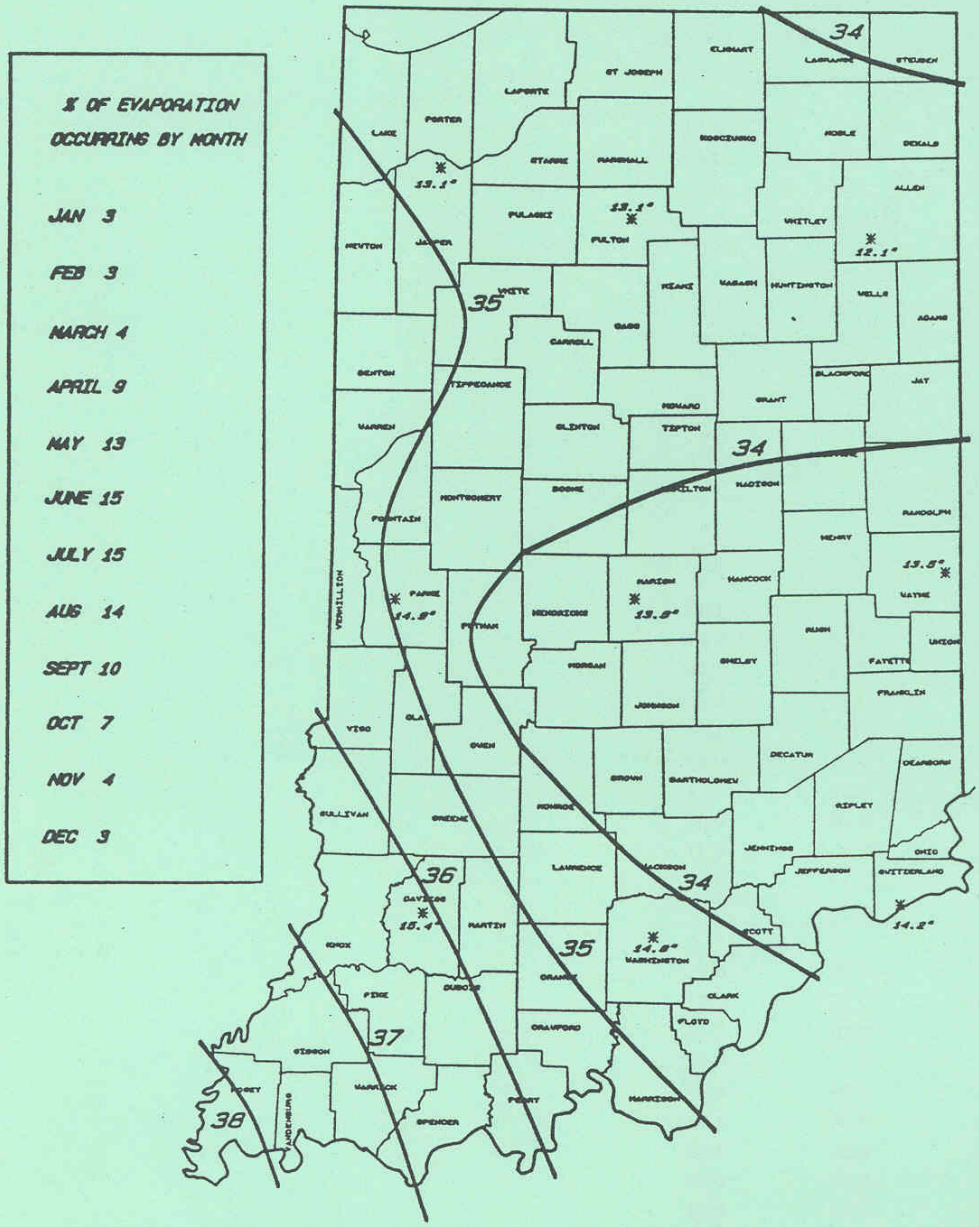
MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
SWITZERLAND COUNTY			
JAN	2.69	0.21	0.56
FEB	3.01	0.18	1.31
MAR	4.38	0.23	1.01
APR	3.99	0.18	0.72
MAY	4.37	0.21	0.92
JUN	3.89	0.26	1.01
JUL	4.12	0.27	1.11
AUG	3.84	0.25	0.96
SEP	3.10	0.26	0.81
OCT	2.93	0.19	0.56
NOV	3.46	0.19	0.66
DEC	3.47	0.18	0.62
TIPPECANOE COUNTY EIIIP			
JAN	1.73 1.0	0.20 .73	0.35
FEB	1.66 1.0	0.13 .66	0.22
MAR	2.98 1.4	0.17 1.53	0.51
APR	3.61 3.1	0.19 0.51	0.69
MAY	3.87 4.5	0.21 -0.63	0.81
JUN	3.81 5.2	0.26 -1.39	0.99
JUL	3.90 5.2	0.28 -1.3	1.09
AUG	3.54 4.9	0.26 -1.36	0.92
SEP	2.84 3.5	0.26 -0.66	0.74
OCT	2.52 2.4	0.25 0.12	0.63
NOV	2.88 1.4	0.18 1.48	0.52
DEC	2.71 1.0	0.17 1.71	0.46
VANDERBURGH COUNTY			
JAN	2.66	0.27	0.72
FEB	3.12	0.23	0.72
MAR	4.71	0.26	1.22
APR	4.02	0.24	0.96
MAY	4.75	0.25	1.19
JUN	3.49	0.27	0.94
JUL	4.04	0.28	1.13
AUG	3.11	0.28	0.87
SEP	2.97	0.27	0.80
OCT	2.87	0.23	0.66
NOV	3.73	0.25	0.93
DEC	3.67	0.23	0.84

6.3" winter

INCHES OF RUNOFF FROM AN UNPAVED FEEDLOT

MONTH	AVERAGE RAIN	% RUNOFF	TOTAL PER MO.
VIGO COUNTY			
JAN	2.13	0.25	0.53
FEB	2.29	0.18	0.41
MAR	3.66	0.21	0.77
APR	3.94	0.21	0.83
MAY	4.41	0.23	1.01
JUN	3.64	0.26	0.95
JUL	4.94	0.27	1.33
AUG	3.62	0.27	0.98
SEP	3.41	0.26	0.89
OCT	2.33	0.24	0.56
NOV	3.35	0.21	0.70
DEC	3.00	0.18	0.54
WASHINGTON COUNTY			
JAN	2.94	0.24	0.71
FEB	2.96	0.20	0.59
MAR	4.86	0.24	1.17
APR	4.33	0.20	0.87
MAY	4.71	0.23	1.08
JUN	3.68	0.26	0.96
JUL	5.04	0.27	1.36
AUG	3.34	0.26	0.87
SEP	2.83	0.26	0.74
OCT	3.01	0.20	0.60
NOV	3.87	0.20	0.77
DEC	3.56	0.19	0.68
WAYNE COUNTY			
JAN	2.15	0.19	0.41
FEB	2.45	0.15	0.37
MAR	3.28	0.20	0.66
APR	3.61	0.17	0.61
MAY	4.31	0.19	0.82
JUN	3.97	0.26	1.03
JUL	3.83	0.26	1.00
AUG	4.01	0.24	0.96
SEP	2.61	0.24	0.63
OCT	3.35	0.18	0.60
NOV	3.41	0.18	0.61
DEC	3.24	0.17	0.55

ANNUAL LAKE EVAPORATION (INCHES)



10C-3
Figure ~~10D 3~~

IN-C-12
~~IN-10-12~~