STREAM FLOW, SUSPENDED, AND DISSOLVED MATTER IN STREAMS ON AND NEAR SOIL CONSERVATION PROJECT, LA CROSSE, WISCONSIN

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WATER RESOURCES BRANCH

STREAM FLOW

SUSPENDED AND DISSOLVED MATTER

IN STREAMS

ON AND NEAR SOIL CONSERVATION PROJECT

LA CROSSE, WISCONSIN

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MEASUREMENTS OF STREAM FLOW AND OF SUSPENDED AND DISSOLVED MATTER IN STREAMS ON AND NEAR PROJECTS OF THE SOIL CONSERVATION SERVICE

In January 1934 an allocation of $150,000 was made to the United States Geological Survey by the Administration of Public Works, primarily for the establishment and operation of stream-flow measurement stations and for obtaining records of movement of suspended matter at eight erosion-control projects of the Soil Erosion Service (now Soil Conservation Service) as Federal Project No. 180. Stations for measurement of stream flow and movement of suspended matter were established on projects of the Soil Conservation Service as follows: Kansas, Mankato; Missouri, Tarkio-Bethany; North Carolina, High Point: Oklahoma, Stillwater; South Carolina, Spartanburg; Texas, Temple; Washington, Pullman; Wisconsin, La Crosse.

The gaging stations were equipped with water-stage recorders, and provision was made for obtaining measurements of discharge at all stages by the use of cableways or bridges. Laboratory facilities were provided for the weighing of samples and determination of their content of suspended matter. Arrangements were made for the collection of samples by local observers who could be depended upon to obtain these samples once a day during periods of low water and at more frequent intervals during periods of storm run-off. During rapidly rising stages samples are taken at hourly intervals, in order to obtain sufficient information for determination of variations in content of suspended matter. It has been found that the content of suspended matter increases very rapidly from the beginning of the rise caused by storm run-off until about the peak stage. Sometimes the maximum content occurs somewhat in advance of the maximum discharge of the stream. After the peak has been reached the content of suspended matter decreases with the falling stage of the stream, but the decrease with falling stages is generally at a less rapid rate than the increase at times of rising stages.

From the laboratory determinations of content of dried suspended matter in parts per million and the corresponding discharge at the times when samples were taken, the load of suspended matter in tons per hour is computed and plotted in the form of a continuous graph for each period of storm run-off. During periods of low flow the determinations of the load of suspended matter are based on the daily samples and the average discharge of the stream for each day. From the field data obtained at each station and the laboratory determinations of content of suspended matter, the load of suspended matter, in tons per day, is computed. An examination of the data shows that the greater part of the material carried in suspension passes the measuring station in a comparatively small number of days, and that for practical purposes the load of suspended matter during periods of low water might be ignored in computations of total load. However, it is considered essential that definite information be obtained on each day of the year, in order that the record may be complete.

Measurements of stream flow and movement of suspended matter have been obtained at stations on the La Crosse project as indicated below:

Little La Crosse River near Leon, Wis. Drainage area 77.1 square miles. The station is in sec. 3, T. 16 N., R. 4 W., 2 miles northwest of Leon, Monroe County; established March 14, 1934; suspended matter determined from April 1, 1934.

Coon Creek at Coon Valley, Wis. Drainage area 77.2 square miles. The station is in sec. 7, T. 14 N., R. 5 W., in the village of Coon Valley, Vernon County; established March 16, 1934; suspended matter determined from April 6, 1934.

Coon Creek near Stoddard, Wis. Drainage area 119 square miles. The station is in sec. 25, T. 14 N., R. 7 W., 3¼ miles east of Stoddard, Vernon County; established March 28, 1934; suspended matter determined from April 6, 1934.

DISCHARGE AND SUSPENDED MATTER

The mean daily discharge, in second-feet, and the daily load of suspended matter, in tons, are given in the accompanying tables. From these tables it is apparent that a large proportion of the total yearly load of suspended matter measured at the gaging stations is carried during comparatively short periods of time. For purposes of comparison the daily loads of suspended matter have been grouped by days of large loads, days of small loads, and days of intermediate loads. The figures taken for the lower limits of large daily loads and the upper limits of small daily loads amount respectively to about 20 tons and 2 tons of suspended matter per day per square mile of drainage area. These tables showing distribution precede the tables of daily discharge and daily loads of suspended matter. The drainage area, in square miles, above each gaging station is given at the head of each table.

The loads of suspended matter reported for Coon Creek at Coon Valley and at Stoddard are more nearly alike than would be expected from the relative sizes of the drainage areas. Arrangements are being made for measurements that may explain the apparent discrepancies in these results.

Distribution of loads of suspended matter, by days, through June 30, 1935

Little La Crosse River near Leon, Wis. (77.1 square miles)

Range in tons per day	Number of days	Total load	
		Tons	percent
Over 1,540	11	73,500	79
154 - 1,540	29	13,335	15
Less than 154	416	5,066	6
Total	456	91,901	100

Coon Creek at Coon Valley, Wis. (77.2 square miles)

Over 1,540	10	87,320	90
154 - 1,540	9	6,969	7
Less than 154	432	2,911	3
Total	451	97,200	100

Coon Creek near Stoddard, Wis. (119 square miles)

Over 2,380	8	80,760	77
238 - 2,380	21	14,911	14
Less than 238	422	9,500	9
Total	451	105,171	100

Discharge and suspended matter - Continued

Little LaCrosse River near Leon, Wis.

Drainage area, 77.1 square miles

1934	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	40.9	6.0	26.5	1.8	19.0	2.4
2	236	5,400	26.1	1.8	18.2	2.2
3	884	7,720	25.7	1.7	18.2	2.8
4	123	780	25.3	1.7	19.3	5.0
5	76	143	25.3	1.7	19.7	4.9
6	57	58	24.5	1.7	19.7	5.7
7	41.9	19	23.7	1.8	19.7	4.5
8	39.1	16	23.3	1.6	21.3	11
9	38.1	17	23.7	2.2	45.4	612
10	37.6	12	22.5	2.8	24.5	24
11	40.0	14	22.5	1.2	22.9	13
12	31.6	7.3	22.9	1.1	22.1	9.6
13	29.9	4.4	29.0	4.3	22.1	7.5
14	29.9	5.3	24.9	1.3	21.7	7.1
15	29.9	4.1	23.3	1.3	21.3	7.1
16	29.4	3.8	22.9	1.4	20.5	6.2
17	29.0	3.2	22.5	1.4	20.5	5.9
18	30.8	4.8	21.7	1.3	20.5	4.4
19	33.9	4.5	21.3	1.2	19.7	4.6
20	31.2	2.6	21.3	2.0	19.7	6.9
21	31.2	2.3	21.3	1.6	18.6	2.8
22	30.8	2.6	20.9	1.5	18.6	3.2
23	29.9	2.8	20.9	1.5	20.1	45
24	30.8	1.8	21.3	1.4	56	1,460
25	29.0	1.7	21.3	1.9	22.9	40
26	28.6	1.9	20.9	1.5	177	8,720
27	27.8	1.7	20.5	2.4	35.8	86
28	27.4	2.1	20.1	2.1	26.5	29
29	27.0	2.1	20.1	2.2	23.3	18
30	26.5	2.1	20.1	2.7	21.7	14
31			19.7	2.0		
Total		14,246.1		56.1		11,164.8
Mean	72.6		22.8		28.6	
Maximum	884		29.0		177	
Minimum	26.5		19.7		18.2	

Discharge and suspended matter - Continued

Little LaCrosse River near Leon, Wis. - Continued

Drainage area, 77.1 square miles

1934	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	20.9	11	22.2	3.7	23.9	3.0
2	20.1	9.1	21.8	2.4	23.0	2.5
3	19.7	6.9	21.8	2.6	101	940
4	20.5	5.8	21.8	3.4	90	197
5	32.2	920	24.3	6.0	36.4	20
6	543	12,900	22.6	3.6	30.4	8.1
7	41.9	76	22.2	4.3	27.8	7.2
8	29.4	19	21.8	2.5	26.0	4.8
9	27.0	12	21.8	2.8	24.8	4.6
10	54	145	20.9	2.8	24.8	12
11	33.6	20	22.2	2.3	42.5	239
12	27.8	11	23.0	5.2	29.1	14
13	26.9	8.2	22.2	2.6	26.5	6.0
14	25.6	6.8	21.3	2.1	25.6	11
15	23.5	4.6	21.8	1.9	37.8	28
16	23.5	3.2	22.2	2.3	40.6	15
17	24.3	4.3	21.3	2.2	30.4	4.3
18	23.5	2.8	21.3	3.9	29.5	4.5
19	131	2,650	22.2	3.1	29.1	4.4
20	33.6	64	20.9	2.8	28.2	4.8
21	26.9	16	21.8	1.8	31.3	3.5
22	24.3	11	22.2	2.3	31.8	3.1
23	22.6	8.4	22.2	1.9	29.1	6.3
24	22.2	6.4	22.2	2.1	30.4	6.0
25	21.8	4.9	20.9	1.6	29.5	6.2
26	132	1,940	20.9	1.5	63	118
27	36.8	68	20.9	1.4	41.1	17
28	25.2	11	20.5	1.8	31.3	4.0
29	22.6	7.2	20.5	1.7	29.5	3.4
30	21.3	5.8	20.9	2.3	30.0	2.6
31	21.8	3.9	25.2	5.2		
Total		18,962.3		86.1		1,700.3
Mean	50.3		21.9		35.8	
Maximum	543		25.2		101	
Minimum	19.7		20.5		23.0	

Discharge and suspended matter - Continued

Little LaCrosse River near Leon, Wis. - Continued

Drainage area, 77.1 square miles

1934	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	28.2	1.6	27.8	1.7	57.	16
2	27.8	1.6	28.2	1.4	53	11
3	26.5	1.0	46.3	37	51	8.0
4	26.5	1.9	71	58	53	7.2
5	26.5	1.6	38.6	4.6	45.8	5.8
6	26.1	1.4	33.9	2.7	42.4	5.7
7	25.7	1.0	32.1	2.9	39.5	6.0
8	25.7	2.8	30.8	2.3	39.1	5.5
9	25.7	1.3	30.3	1.7	37.2	3.7
10	26.1	.8	29.0	1.4	36.2	3.6
11	25.3	1.0	28.2	1.1	36.2	3.9
12	24.9	.9	27.8	1.1	34.3	3.8
13	24.5	1.7	29.0	1.3	35.3	4.0
14	24.1	.9	28.2	1.0	33.4	2.7
15	24.1	.9	28.6	1.7	33.0	3.1
16	23.7	1.3	29.0	1.2	33.0	3.5
17	28.6	5.6	29.0	2.9	32.5	2.7
18	25.3	2.6	43.1	21	33.4	2.7
19	25.7	1.0	53	196	34.3	3.1
20	76	190	82	302	33.9	2.5
21	38.6	24	53	37	33.4	2.3
22	30.8	5.1	126	204	33.0	2.3
23	28.6	5.7	61	30	32.5	3.0
24	93	498	47.8	11	29.4	1.7
25	38.1	19	48.3	13	28.2	2.0
26	32.5	8.8	48.3	9.3	26.5	2.6
27	31.2	3.9	48.8	11	27.8	2.6
28	29.4	2.8	127	324	29.4	2.3
29	29.0	1.8	83	60	29.4	2.1
30	28.2	1.6	58	17	29.0	2.6
31	28.2	1.5			27.4	3.0
Total		793.1		1,359.3		131.0
Mean	31.4		48.2		36.1	
Maximum	93		127		57	
Minimum	23.7		27.8		26.5	

Discharge and suspended matter - Continued

Little LaCrosse River near Leon, Wis. - Continued

Drainage area, 77.1 square miles

1935	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	27.4	3.6	28.2	1.4	29.9	2.6
2	29.9	2.3	28.2	1.5	31.6	3.8
3	27.8	3.4	29.0	2.5	32.5	3.3
4	29.0	4.8	28.6	2.7	80	342
5	28.6	2.2	28.6	3.6	228	962
6	28.6	1.7	28.2	3.0	79	79
7	29.9	2.4	28.6	2.5	68	30
8	32.5	2.7	28.2	2.2	53	16
9	37.6	7.1	27.8	2.0	48.7	11
10	37.2	4.5	27.8	1.9	56	42
11	33.4	3.4	27.8	1.9	73	69
12	29.4	1.6	27.8	1.5	54	16
13	26.1	2.7	28.2	1.8	52	12
14	25.3	4.0	29.0	2.1	57	40
15	25.3	1.8	30.3	2.4	218	1,720
16	25.3	1.9	30.8	2.6	242	1,180
17	25.3	3.5	29.9	2.0	95	159
18	25.3	4.8	29.9	1.8	88	113
19	25.3	2.4	29.9	1.9	114	263
20	25.3	2.4	29.4	1.7	102	171
21	25.3	3.3	29.9	2.0	110	221
22	25.3	2.0	29.0	1.9	92	107
23	25.3	1.6	29.4	2.0	83	89
24	25.3	1.0	31.6	3.2	69	40
25	25.3	1.2	29.9	12	69	85
26	25.3	4.0	29.9	5.8	59	29
27	25.3	2.8	28.6	3.5	56	23
28	25.7	2.4	29.0	2.8	50	14
29	26.5	1.8			46.8	9.9
30	26.5	1.6			44.9	8.2
31	27.4	1.8			43.9	8.3
Total		87.2		76.2		5,869.1
Mean	29.1		29.1		81.5	
Maximum	37.6		31.6		242	
Minimum	25.3		27.8		29.9	

Discharge and suspended matter - Continued

Little LaCrosse River near Leon, Wis. - Continued

Drainage area, 77.1 square miles

1935	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	45.4	7.5	46.0	85	39.1	18
2	46.8	8.1	91	395	43.4	31
3	42.9	5.3	78	142	40.5	37
4	42.4	5.0	103	384	35.8	11
5	43.4	4.2	88	354	36.2	11
6	42.4	4.9	59	59	35.8	7.6
7	40.0	3.7	52	37	34.8	6.2
8	39.5	4.9	47.3	25	33.4	8.0
9	39.1	3.7	46.3	23	34.3	9.2
10	39.1	6.3	42.9	17	38.1	13
11	88	168	46.8	37	34.3	7.4
12	81	79	298	13,500	33.0	7.9
13	52	12	75	359	33.0	6.8
14	47.8	12	54	72	33.0	11
15	49.3	17	46.8	40	32.5	7.6
16	44.9	6.1	44.4	31	33.0	7.1
17	44.0	5.5	42.9	22	33.4	7.7
18	42.5	4.6	41.9	21	50	167
19	41.6	3.5	40.5	23	172	846
20	40.6	4.3	40.0	15	56	50
21	39.7	3.6	39.5	16	41.4	21
22	39.2	5.7	39.1	11	36.4	12
23	40.6	3.8	38.6	9.9	34.1	9.2
24	71	108	37.6	9.1	32.3	9.8
25	44.9	7.6	37.2	9.1	39.4	65
26	80	3,550	38.6	25	33.7	23
27	178	10,800	178	4,600	35.0	10
28	64	344	49.8	90	33.2	9.6
29	49.3	70	42.4	31	32.3	9.2
30	43.9	38	51	158	32.3	8.6
31			41.9	25		
Total		15,296.3		20,625.1		1,447.9
Mean	53.4		63.8		41.0	
Maximum	178		298		172	
Minimum	39.1		37.2		32.3	

Discharge and suspended matter - Continued

Coon Creek at Coon Valley, Wisconsin

Drainage area, 77.2 square miles

1934	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1			26.0	0.7	21.5	1.7
2			25.4	.7	21.5	1.1
3			26.0	.7	22.6	1.0
4			26.0	.7	24.7	1.9
5			25.4	.7	24.7	1.6
6	44.8	9.8	25.4	.5	22.6	.9
7	36.5	7.2	24.0	.9	22.1	1.1
8	34.8	4.5	24.0	.8	27.6	30
9	33.9	3.6	24.0	.9	49.2	187
10	35.7	3.4	22.6	1.4	24.7	9.0
11	34.8	2.2	24.7	.6	23.3	6.0
12	31.3	1.9	24.7	1.8	23.3	4.0
13	31.3	1.4	33.9	3.2	23.3	4.2
14	30.4	1.4	23.3	1.4	23.3	2.6
15	30.4	1.3	24.7	1.0	24.0	2.7
16	28.8	1.1	24.0	.8	22.6	2.6
17	28.8	.7	24.7	1.2	24.0	2.0
18	30.4	1.9	24.0	1.0	26.7	2.1
19	29.5	1.8	24.0	1.8	22.6	2.2
20	28.1	1.7	24.0	1.2	22.6	3.3
21	29.5	1.7	23.3	.8	21.5	2.2
22	29.5	.7	22.6	.8	22.6	21
23	28.1	.7	23.3	1.1	48.7	2,380
24	27.4	.7	24.0	1.1	55	1,710
25	27.4	.7	24.0	1.8	25.4	22
26	26.7	.7	23.3	1.5	172	14,400
27	26.0	.7	22.6	.6	27.4	43
28	26.0	.9	22.6	1.4	26.0	12
29	25.4	.9	23.3	1.4	23.3	5.8
30	25.4	.9	22.1	1.3	22.6	4.4
31			22.1	1.2		
Total		52.5		35.0		18,857.4
Mean			24.3		31.4	
Maximum			33.9		172	
Minimum			22.1		21.5	

Discharge and suspended matter - Continued

Coon Creek at Coon Valley, Wis. - Continued

Drainage area, 77.2 square miles

1934	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	23.3	3.6	25.0	2.0	25.7	0.6
2	22.6	2.5	24.2	2.7	25.0	2.5
3	21.5	2.6	24.2	2.0	99	958
4	24.7	2.9	23.5	1.1	47.3	49
5	134	12,000	25.7	1.2	31.2	3.4
6	178	9,700	24.2	1.6	29.5	2.1
7	28.8	29	24.2	2.4	27.9	2.3
8	26.7	6.1	25.0	1.8	26.4	1.4
9	26.0	3.9	25.0	1.1	25.7	1.6
10	77	997	25.0	1.1	30.4	1.6
11	28.8	13	26.4	1.1	39.4	29
12	27.4	3.7	27.1	1.0	27.1	5.7
13	28.8	3.0	24.2	1.1	26.4	12
14	27.4	3.6	23.5	1.3	27.1	2.1
15	24.7	1.9	23.5	1.4	33.9	2.7
16	26.7	1.9	23.5	.8	30.4	1.6
17	25.4	1.6	22.8	.9	27.9	1.1
18	24.7	1.3	25.0	3.4	28.6	1.3
19	140	4,640	42.6	44	27.1	1.1
20	29.5	19	22.8	3.6	25.0	1.1
21	26.7	3.9	26.4	5.0	27.1	.9
22	24.7	4.3	23.5	1.8	28.6	.9
23	22.6	2.3	24.2	1.2	26.4	1.0
24	22.1	1.6	23.5	1.2	26.4	.7
25	21.5	1.2	22.0	1.2	31.2	7.0
26	425	35,000	20.7	1.1	61	84
27	39.4	36	21.3	.6	33.9	8.1
28	27.9	4.7	20.7	.5	30.4	2.5
29	26.4	2.5	21.3	.9	30.4	1.2
30	25.0	3.0	22.0	.7	29.5	.9
31	25.0	1.7	30.4	1.9		
Total		62,497.8		91.7		1,187.4
Mean	52.7		24.6		32.9	
Maximum	425		42.6		99	
Minimum	21.5		20.7		25.0	

Discharge and suspended matter - Continued

Coon Creek at Coon Valley, Wis. - Continued

Drainage area, 77.2 square miles

1934	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	27.9	0.6	25.7	1.1	48.4	5.2
2	27.1	.7	25.7	.6	43.3	2.7
3	25.7	.8	40.9	6.3	44.3	4.7
4	26.4	1.1	43.3	4.2	39.4	2.3
5	27.1	.9	32.1	.9	33.9	4.1
6	25.7	.8	32.1	.7	32.1	4.2
7	25.7	.7	29.5	.6	30.4	5.2
8	26.4	.4	28.6	.8	30.4	3.2
9	25.0	.3	28.6	1.0	29.5	2.1
10	25.0	.2	26.4	.6	29.5	1.8
11	25.0	.4	26.4	.7	29.5	3.1
12	25.0	.7	27.9	.8	28.6	2.1
13	25.0	.3	27.1	.6	29.5	3.3
14	25.0	.4	26.4	.4	28.6	3.9
15	26.4	.5	26.4	.5	28.6	2.9
16	25.7	.3	27.1	.7	29.5	2.7
17	25.7	.2	27.1	1.3	29.5	3.4
18	24.2	.2	34.8	1.7	30.4	3.4
19	26.4	.4	36.0	25	30.4	2.1
20	65	53	60	143	29.5	3.7
21	33.0	6.6	40.4	8.6	29.5	2.3
22	30.4	1.4	58	14	28.6	1.6
23	28.6	.5	43.3	5.5	27.1	3.7
24	59	84	35.6	2.1	27.9	5.0
25	32.1	7.2	35.6	1.9	27.9	2.9
26	29.5	2.1	36.5	2.8	27.1	2.9
27	27.1	1.1	36.5	1.8	29.1	3.6
28	26.4	.6	76	95	28.6	1.6
29	29.5	1.0	50	14	27.9	1.9
30	27.1	.6	46.3	11	27.1	1.2
31	25.0	.6			25.7	1.4
Total		168.6		348.2		94.2
Mean	29.1		36.3		31.0	
Maximum	65		76		48.4	
Minimum	24.2		25.7		25.7	

Discharge and suspended matter - Continued

Coon Creek at Coon Valley, Wis. - Continued

Drainage area, 77.2 square miles

1935	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	25.6	1.2	31.2	1.9	25.6	1.9
2	25.0	1.4	28.6	2.7	25.6	12
3	24.4	1.9	27.9	1.7	29.8	3.9
4	23.3	1.1	26.7	1.9	71	111
5	26.2	2.7	25.0	2.0	92	115
6	27.9	5.4	25.0	4.2	54	12
7	26.2	3.5	25.6	1.5	45.9	9.0
8	27.3	6.6	25.0	1.7	41.2	11
9	30.5	8.0	26.7	2.7	39.0	4.3
10	29.2	5.2	27.3	1.3	47.8	27
11	25.0	10	27.3	1.7	51	9.9
12	25.0	2.8	27.3	1.0	43.9	5.8
13	24.4	7.3	28.6	1.3	42.0	3.1
14	23.3	11	29.8	1.8	46.8	18
15	25.0	3.6	30.5	1.6	171	3,270
16	26.2	3.7	28.6	1.2	133	516
17	27.9	2.2	27.3	1.3	67	41
18	27.9	1.2	26.7	.9	66	15
19	27.9	2.0	27.3	4.1	74	34
20	26.7	1.4	26.2	6.3	75	29
21	25.0	1.1	27.9	3.5	75	31
22	25.0	1.4	26.7	2.7	73	46
23	25.0	.5	27.9	2.3	67	29
24	25.0	.5	25.0	1.6	60	30
25	25.0	.5	25.6	11	60	15
26	25.6	.3	26.2	3.3	54	8.2
27	27.3	.4	24.4	2.2	49.8	7.9
28	27.9	.4	25.0	2.0	45.9	6.4
29	28.6	.3			43.9	3.0
30	29.2	.6			42.0	2.2
31	30.5	.7			41.2	2.0
Total		88.9		71.4		4,429.6
Mean	26.4		27.0		59.8	
Maximum	30.5		31.2		171	
Minimum	23.3		24.4		25.6	

Discharge and suspended matter - Continued

Coon Creek at Coon Valley, Wis. - Continued

Drainage area, 77.2 square miles

1935	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	43.0	3.6	42.0	23	40.1	8.0
2	40.5	2.7	53	20	42.8	11
3	39.7	3.2	57	21	40.1	6.7
4	39.7	2.9	68	78	36.4	3.3
5	40.5	2.0	68	91	36.4	2.0
6	39.0	2.9	52	13	36.4	2.0
7	37.4	2.1	44.9	6.9	35.0	3.1
8	37.4	1.8	43.9	4.6	34.3	2.6
9	35.2	1.6	43.0	4.4	35.0	4.0
10	35.9	5.0	41.2	3.9	38.2	4.5
11	61	19	46.8	11	33.6	1.5
12	53	7.7	72	1,470	32.2	1.8
13	40.5	3.0	43.9	66	32.2	1.2
14	39.7	3.9	40.5	17	32.9	1.9
15	39.7	5.1	39.7	11	31.5	2.6
16	36.7	1.7	39.7	5.6	32.2	1.9
17	35.9	1.9	37.4	4.6	34.3	1.9
18	36.7	3.0	36.7	5.1	51	30
19	34.4	1.6	35.2	4.9	92	235
20	34.4	1.5	34.4	2.5	47.6	9.4
21	33.8	1.6	33.8	3.0	43.8	5.0
22	34.4	1.3	35.9	3.0	40.1	2.7
23	35.2	1.3	35.2	2.2	38.2	3.8
24	36.7	1.9	33.8	3.7	36.4	3.1
25	33.8	1.9	33.1	3.8	42.8	11
26	63	1,290	40.5	601	39.2	2.5
27	59	1,620	124	2,600	38.2	1.9
28	40.5	32	45.6	37	35.7	1.4
29	39.7	13	43.8	13	35.0	1.6
30	37.4	7.9	42.8	12	63	715
31			39.2	5.6		
Total		3,047.1		5,147.8		1,082.4
Mean	40.5		46.7		40.2	
Maximum	63		124		92	
Minimum	33.8		33.1		31.5	

Discharge and suspended matter - Continued

Stoddard begins

Coon Creek near Stoddard, Wisconsin

Drainage area, 119. square miles

1934	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1			45.0	4.5	36.2	5.5
2			44.6	4.7	36.0	5.9
3			44.1	4.3	37.1	5.7
4			44.1	4.4	39.8	9.3
5			44.6	4.4	42.5	11
6	100	77	43.7	5.5	37.1	8.3
7	71	25	42.4	4.8	36.5	7.8
8	68	27	42.4	3.2	45.1	151
9	68	19	43.7	4.5	96	520
10	65	19	39.0	3.9	42.8	38
11	63	15	39.6	4.8	39.5	20
12	57	19	41.0	15	38.3	13
13	53	9.5	55	18	38.0	11
14	55	7.5	43.4	7.2	37.7	11
15	53	6.3	41.6	4.7	38.3	10
16	52	6.7	40.7	4.9	36.8	9.8
17	50	6.3	40.1	5.0	36.8	9.4
18	50	6.2	39.8	9.1	39.8	11
19	53	27	39.5	6.4	36.2	6.5
20	51	4.1	38.9	5.2	36.8	7.6
21	53	5.9	38.9	5.3	36.0	7.1
22	53	4.8	37.1	9.6	36.2	7.4
23	51	9.5	38.0	6.4	37.4	37
24	50	5.2	38.6	5.3	90	1,130
25	51	2.6	38.3	7.3	41.0	65
26	48.3	2.7	38.3	6.6	182	9,750
27	46.6	3.4	37.4	9.7	48.9	320
28	47.0	4.8	38.0	5.1	41.6	41
29	45.8	4.7	37.4	4.2	39.8	35
30	45.0	4.5	36.5	3.8	38.6	28
31			37.1	3.4		
Total		322.7		191.2		12,292.3
Mean			40.9		47.3	
Maximum			55		182	
Minimum			36.5		36.0	

Discharge and suspended matter - Continued

Coon Creek near Stoddard, Wis. - Continued

Drainage area, 119. square miles

1934	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	37.7	21	42.1	21	44.2	12
2	36.5	18	41.2	23	41.8	6.5
3	36.2	11	39.7	22	120	703
4	39.5	17	39.4	18	106	432
5	63	3,290	44.2	32	50	27
6	291	15,600	39.4	15	45.3	16
7	57	226	38.9	16	43.9	14
8	45.7	45	38.0	13	42.1	12
9	43.4	31	38.0	19	40.9	11
10	378	16,700	38.0	14	42.1	24
11	65	181	39.2	12	61	53
12	49.7	52	40.3	9.7	44.2	18
13	48.9	48	38.0	9.8	43.6	14
14	47.4	32	36.6	10	39.4	23
15	43.4	28	38.0	19	46.6	21
16	45.4	32	38.0	14	47.3	11
17	46.3	7.5	36.9	8.9	43.3	12
18	43.4	16	36.9	26	45.6	14
19	162	4,840	59	76	43.6	8.5
20	53	166	39.4	19	41.8	10
21	44.7	33	40.0	11	42.1	6.9
22	41.9	24	41.5	11	43.9	6.2
23	40.4	21	38.9	9.5	42.1	6.4
24	39.5	14	39.7	12	41.5	8.3
25	38.9	10	37.2	7.3	54	124
26	428	17,600	36.3	5.6	122	714
27	124	903	36.9	11	58	56
28	52	64	36.9	5.7	47.3	17
29	46.3	47	36.9	4.9	45.3	12
30	43.3	36	37.4	6.1	45.9	12
31	42.7	23	44.6	16		
Total		60,136.5		497.5		2,404.8
Mean	83.0		39.6		52.5	
Maximum	428		59		122	
Minimum	36.2		36.3		39.4	

Discharge and suspended matter - Continued

Coon Creek near Stoddard, Wis. - Continued

Drainage area, 119. square miles

1934	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	43.3	8.4	42.4	3.3	78	29
2	43.3	8.9	43.3	3.4	67	13
3	41.5	11	62	31	64	15
4	41.8	6.2	74	37	58	9.4
5	43.0	7.2	54	9.9	52	6.6
6	41.5	6.2	49.8	5.8	51	6.5
7	40.6	4.4	48.8	5.8	40.9	6.8
8	41.2	4.7	46.6	4.0	54	12
9	40.6	5.7	45.3	3.4	56	13
10	41.5	3.7	44.6	4.0	52	8.7
11	40.9	4.5	43.9	2.1	47.0	6.6
12	40.3	3.9	43.6	2.5	56	8.2
13	39.7	5.0	44.9	2.7	54	5.7
14	39.4	2.3	43.0	2.4	52	6.7
15	42.1	4.1	43.6	2.2	55	5.6
16	40.6	2.7	43.9	2.6	55	7.0
17	41.8	4.5	45.6	4.6	54	8.2
18	39.7	2.7	54	1.0	58	7.4
19	40.3	2.7	58	126	58	9.1
20	96	260	114	322	56	5.9
21	58	39	66	58	56	8.2
22	46.6	13	89	57	54	6.4
23	45.9	5.2	66	22	49.8	6.6
24	110	367	61	10	51	7.4
25	54	33	58	8.5	49.8	7.0
26	47.3	11	59	9.1	48.8	4.3
27	44.9	8.7	58	8.6	47.4	7.4
28	44.2	5.1	121	220	43.9	5.5
29	45.6	4.3	85	64	39.1	3.4
30	46.3	4.5	75	25	35.6	2.2
31	43.0	3.5			39.4	2.3
Total		853.1		1,057.9		251.1
Mean	47.3		59.4		52.7	
Maximum	110		121		78	
Minimum	39.4		42.4		35.6	

Discharge and suspended matter - Continued

Coon Creek near Stoddard, Wis. - Continued

Drainage area, 119. square miles

1935	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	38.5	2.7	46.6	1.8	56	9.8
2	40.8	3.2	49.8	2.7	57	7.1
3	43.9	3.4	51	5.8	55	17
4	41.1	2.6	47.3	2.9	156	526
5	46.2	3.7	43.3	3.3	205	683
6	57	2.8	37.7	1.6	87	80
7	58	4.4	49.3	2.5	75	39
8	65	6.3	47.3	3.1	64	21
9	68	6.2	45.3	4.9	62	19
10	56	7.0	54	6.7	76	69
11	44.3	5.1	45.9	7.9	85	60
12	43.3	2.8	44.6	4.9	72	22
13	43.6	14	45.3	5.6	69	20
14	43.9	5.2	48.3	7.4	75	61
15	43.9	12	49.3	9.2	182	1,780
16	44.3	9.4	47.8	5.5	318	5,270
17	44.3	9.9	45.9	4.7	114	285
18	44.7	7.0	45.9	4.8	96	143
19	44.3	5.3	45.9	4.3	102	146
20	43.6	4.6	44.6	4.3	113	177
21	43.3	2.9	46.6	5.5	108	127
22	42.7	3.2	44.6	4.3	105	135
23	42.4	3.5	46.3	4.4	105	106
24	42.0	2.6	51	9.0	86	57
25	43.3	3.9	38.6	16	86	71
26	48.8	2.9	45.6	12	80	38
27	44.7	2.2	45.6	5.5	78	36
28	43.6	1.6	45.6	5.4	72	29
29	45.1	2.3			69	18
30	44.3	1.4			67	18
31	45.5	2.8			65	16
Total		146.9		156.0		10,085.9
Mean	46.5		46.4		98.1	
Maximum	68		54		318	
Minimum	38.5		37.7		55	

Discharge and suspended matter - Continued

Coon Creek near Stoddard, Wis. - Continued

Drainage area, 119. square miles

1935	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	67	16	62	43	58	60
2	67	18	86	71	64	60
3	62	14	89	57	61	69
4	63	16	94	71	56	42
5	63	13	109	213	57	27
6	62	15	78	56	57	22
7	59	11	72	34	54	23
8	59	12	68	31	51	24
9	58	13	66	25	53	24
10	58	21	62	22	58	37
11	86	57	61	40	53	27
12	80	31	104	612	51	27
13	67	16	72	454	51	25
14	64	16	64	50	49.8	23
15	62	13	62	30	49.3	21
16	61	8.2	61	28	51	27
17	59	11	59	23	51	26
18	58	9.6	58	29	88	179
19	57	8.3	57	22	159	523
20	56	8.2	56	19	74	66
21	56	7.4	54	23	63	37
22	54	8.2	56	25	60	33
23	57	11	56	17	57	27
24	59	9.6	54	18	54	26
25	54	8.0	52	25	74	363
26	75	207	74	2,080	60	42
27	102	1,670	232	7,710	59	29
28	65	161	70	264	54	30
29	59	44	62	86	53	25
30	58	34	61	78	55	38
31			59	50		
Total		2,487.5		12,306		1,982
Mean	63.6		73.2		61.2	
Maximum	102		232		159	
Minimum	54		52		49.3	

DISSOLVED MINERAL MATTER

Analyses of the mineral content of samples collected at times of high and low water are given in the following tables. The analyses show the waters to be normal calcium and magnesium bicarbonate waters, such as are commonly found in many parts of the United States. The analyses do not furnish a basis for an estimation of the quantity of soluble material removed from the land. The two analyses of the sample collected from the Little La Crosse River near Leon on April 27, 1935, show active solution of the soil carried in suspension in the water. This rapid change suggests the possibility that the first analysis is not representative of the water as it was flowing in the stream at the time the sample was collected. There is always some delay between the collection of the sample and the beginning of the analysis. It is hoped that work may be undertaken to determine the rate of change in composition of the waters that carry large quantities of soil material, including organic matter and bacteria.

Analyses
(Parts per million)

Little La Crosse River near Leon, Wis.

Analyzed by W. L. Lamar

Date	Nov.16,1934	Apr.27,1935	(a)
Discharge (second-feet)	25	371	--
Silica (SiO_2)	15	4.1	--
Iron (Fe)	.01	.48	--
Calcium (Ca)	46	57	99
Magnesium (Mg)	25	24	44
Sodium (Na)	2.6	2.6)	
Potassium (K)	1.4	4.8) b/	18
Bicarbonate (HCO_3)	252	279	552
Sulphate (SO_4)	12	10	10
Chloride (Cl)	1.2	1.9	1.9
Fluoride (F)	.0	.1	.1
Nitrate (NO_3)	2.7	.73	.73
Total dissolved solids	224	260	467
Total hardness as $CaCO_3$	218	241	428

(a) Determinations of calcium, magnesium, and bicarbonate made about 1 month after the samples were taken from the bottle for the preceding analysis. The sample bottle contained a large quantity of very finely divided suspended matter.

b/ Calculated on the assumption that sulphate, chloride, fluoride, and nitrate had not changed since portions were taken for the preceding analysis.

Analyses - Continued
(Parts per million)

See Stoddard for explanation of data

Coon Creek, Wis.

	COON VALLEY		NEAR STODDARD	
	1934	1935	1934	1935
Date	Nov. 15	May 12	July 26	May 27
Discharge (second-feet)	27	180	645	319
Silica (SiO_2)	13	13	9.3	12
Iron (Fe)	.04	.07	.29	.04
Calcium (Ca)	49	54	27	41
Magnesium (Mg)	29	27	12	20
Sodium (Na)	2.2	2.6	1.6	2.3
Potassium (K)	1.2	1.8	2.9	3.1
Bicarbonate (HCO_3)	283	276	132	226
Sulphate (SO_4)	12	13	9.8	2.8
Chloride (Cl)	1.0	1.8	1.1	1.4
Fluoride (F)	.0	.3	--	.1
Nitrate (NO_3)	1.2	.07	.68	.12
Total dissolved solids	244	266	132	200
Total hardness as $CaCO_3$	241	246	117	184
Analyst	W.L.Lamar	W.L.Lamar	E.W.Lohr	W.L.Lamar

Discharge and suspended matter

Little La Crosse River near Leon, Wis.

Drainage area, 77.1 square miles

1935	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	50	368	32	13	34	3.8
2	73	965	704	6,430	34	2.4
3	36	43	170	2,590	34	3.0
4	34	24	41	73	36	29
5	226	5,120	94	1,420	34	7.8
6	109	1,820	1,510	19,500	34	4.7
7	43	55	100	161	40	8.0
8	38	34	65	42	37	3.3
9	35	22	58	22	35	5.1
10	34	23	53	13	34	4.2
11	34	23	48	11	33	8.6
12	36	54	44	7.1	32	3.1
13	32	15	42	7.5	32	2.9
14	32	13	40	5.1	32	4.5
15	32	8.9	38	5.4	32	2.8
16	31	7.5	37	3.3	31	2.9
17	31	8.9	37	3.3	31	2.4
18	31	7.4	36	2.4	31	3.5
19	30	7.9	276	2,260	39	13
20	30	7.5	90	147	92	648
21	30	4.9	52	23	36	33
22	31	5.5	44	10	33	8.2
23	31	5.3	42	8.8	32	6.0
24	51	436	40	5.5	31	6.1
25	44	146	38	5.3	31	6.3
26	32	17	38	5.1	33	10
27	119	2,260	37	3.9	31	6.3
28	59	427	36	3.1	31	4.0
29	36	40	36	3.4	30	8.3
30	33	23	36	2.7	31	3.2
31	33	20	35	3.3		
Total		12,011.8		32,790.2		854.4
Mean	48.3		127		35.2	
Maximum	226		1,510		92	
Minimum	30		32		30	

La Crosse

Discharge and suspended matter

Coon Creek at Coon Valley, Wis.

Drainage area, 77.2 square miles

1935	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	70	694	37	28	35	4.2
2	62	545	1,060	52,700	35	2.6
3	44	22	400	20,300	35	2.3
4	45	15	60	38	38	6.4
5	337	24,900	83	528	34	2.1
6	54	78	1,210	36,800	35	3.4
7	47	19	81	71	42	4.2
8	44	14	64	18	37	2.5
9	41	8.5	60	17	36	1.9
10	38	9.2	55	7.6	35	2.1
11	35	4.6	52	6.6	34	1.8
12	35	5.9	48	5.7	35	2.6
13	32	2.1	44	5.9	33	1.8
14	32	3.5	43	4.9	34	1.9
15	33	1.8	42	5.9	33	1.3
16	30	3.0	42	3.5	34	1.7
17	31	1.6	41	2.3	32	2.8
18	31	2.0	41	2.0	33	1.7
19	30	2.0	43	2.2	41	3.2
20	30	2.4	46	4.2	47	14
21	31	3.2	41	2.1	37	2.5
22	40	42	38	1.9	35	3.5
23	40	33	37	2.6	34	2.4
24	36	55	36	2.2	33	2.6
25	33	11	37	2.4	34	2.8
26	30	5.1	37	2.4	36	3.2
27	144	6,130	37	5.9	33	4.0
28	48	102	34	2.8	33	1.6
29	34	11	35	1.4	32	1.3
30	32	6.9	36	2.6	32	1.2
31	90	920	35	3.4		
Total		33,652.8		110,580.5		89.6
Mean	53.5		128		35.2	
Maximum	337		1,210		47	
Minimum	30		34		32	

La Crosse

Discharge and suspended matter

Coon Creek near Stoddard, Wis.

Drainage area, 119 square miles

1935	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	101	1,050	74	362	55	6.5
2	91	822	1,470	21,600	55	9.1
3	56	82	569	11,600	55	11
4	53	51	129	536	57	17
5	339	21,100	164	1,500	53	16
6	114	1,240	1,530	27,500	53	11
7	65	127	164	523	60	22
8	62	83	109	128	57	11
9	60	64	98	89	55	11
10	59	53	90	64	55	14
11	59	85	82	50	53	10
12	59	53	74	31	53	9.9
13	53	39	73	31	53	9.9
14	53	34	69	30	53	8.3
15	55	30	68	23	53	9.4
16	53	19	68	27	53	8.6
17	51	25	66	13	53	8.4
18	51	21	64	12	53	8.3
19	50	19	64	15	60	19
20	50	22	71	58	326	9,270
21	51	21	62	30	58	83
22	53	42	59	22	55	43
23	62	78	55	20	53	41
24	51	35	57	18	53	35
25	57	58	57	15	55	48
26	50	28	57	14	57	33
27	203	9,260	55	12	53	17
28	129	2,080	55	6.5	53	18
29	57	100	51	8.7	51	10
30	55	56	55	7.1	53	14
31	136	2,350	55	7.3		
Total		39,127		64,358.6		9,832.4
Mean	78.7		184		63.5	
Maximum	339		1,530		326	
Minimum	50		51		51	

La Crosse

Discharge and suspended matter

Little La Crosse River near Leon, Wis.

Drainage area, 77.1 square miles

1935	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	30	2.6	48	17	36	3.8
2	31	3.0	38	6.0	31	2.3
3	31	1.8	48	60	32	3.5
4	30	1.6	51	29	31	2.2
5	30	1.9	40	5.9	32	3.2
6	30	1.7	38	3.4	36	14
7	30	1.9	38	4.6	54	81
8	30	1.5	36	4.4	40	9.1
9	31	1.7	36	3.0	36	4.4
10	32	2.7	36	4.0	33	2.9
11	32	1.5	34	2.1	32	2.2
12	31	2.5	34	2.0	32	2.4
13	32	3.1	34	2.2	32	3.1
14	114	1,750	34	2.9	32	3.1
15	38	26	33	2.5	33	2.6
16	36	10	33	2.0	32	2.3
17	47	26	32	2.0	32	2.2
18	40	8.6	32	2.3	32	2.2
19	36	4.7	38	4.4	30	1.8
20	35	4.2	36	4.8	28	2.7
21	34	4.0	34	3.6	31	2.3
22	35	3.4	30	2.7	31	2.4
23	35	3.4	30	2.1	31	2.4
24	33	2.9	30	2.5	31	2.5
25	32	2.6	31	2.6	30	3.6
26	32	3.0	31	2.7	29	1.8
27	32	2.9	56	69	29	2.0
28	32	2.8	44	19	29	1.5
29	33	2.9	34	7.2	30	1.9
30	41	22	34	4.0	30	1.7
31	64	64			30	2.2
Total		1,971.0		279.9		175.3
Mean	37.1		36.8		32.5	
Maximum	114		56		54	
Minimum	30		30		28	

La Crosse

Discharge and suspended matter

Coon Creek at Coon Valley, Wis.

Drainage area, 77.2 square miles

1935	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	32	2.2	40	4.5	32	1.3
2	32	1.6	36	1.1	32	1.8
3	32	2.2	44	4.8	32	1.3
4	31	1.3	41	1.7	31	3.1
5	31	.8	37	1.4	33	2.0
6	32	.9	36	1.6	38	1.2
7	32	1.1	36	2.2	42	2.7
8	32	1.5	35	1.6	36	1.7
9	33	1.2	35	2.2	35	.8
10	34	1.0	35	1.4	29	2.3
11	33	1.4	34	1.3	33	1.3
12	33	1.0	34	1.1	32	1.3
13	40	25	33	.8	31	1.3
14	44	23	35	1.0	31	1.6
15	33	3.7	34	1.1	31	1.7
16	34	1.6	33	1.0	31	.9
17	42	2.4	34	.8	31	.8
18	36	1.0	33	.8	31	1.1
19	34	1.2	38	1.1	28	1.1
20	33	.7	35	.7	27	1.3
21	36	1.0	35	.5	31	1.5
22	36	.7	31	1.2	32	1.6
23	35	.7	31	1.6	32	1.0
24	32	.7	32	1.2	30	1.0
25	32	1.0	32	1.0	29	.9
26	32	1.3	32	1.0	29	1.4
27	33	1.2	50	6.8	27	1.0
28	33	1.0	41	3.9	28	1.2
29	33	.6	35	2.7	29	.9
30	42	7.1	35	1.5	30	1.1
31	53	10			31	.9
Total		100.1		53.6		43.1
Mean	34.8		35.7		31.4	
Maximum	53		50		42	
Minimum	31		31		27	

La Crosse

Discharge and suspended matter

Coon Creek near Stoddard, Wis.

Drainage area, 119 square miles

1935	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	51	13	70	33	53	7.3
2	51	10	58	15	53	3.1
3	53	8.7	69	38	51	13
4	51	6.5	75	29	50	9.0
5	51	7.2	62	13	53	6.6
6	51	6.6	61	14	60	23
7	51	5.8	60	12	72	40
8	51	9.1	58	12	61	17
9	51	6.7	59	12	58	15
10	55	7.7	60	9.2	50	11
11	53	5.9	55	8.2	52	3.8
12	53	8.0	55	8.0	52	17
13	54	17	55	8.2	54	12
14	68	64	56	8.6	54	9.6
15	51	17	54	8.0	53	8.9
16	51	14	53	6.9	53	7.7
17	60	33	54	7.3	53	9.6
18	55	25	54	7.0	52	7.9
19	53	18	60	13	48	7.1
20	53	17	59	7.3	46	11
21	53	20	56	8.9	48	11
22	53	11	50	3.6	50	8.2
23	55	13	52	12	50	7.2
24	51	12	52	6.3	48	7.1
25	51	9.2	53	6.9	46	4.8
26	51	7.2	53	6.9	46	5.1
27	51	8.1	78	55	45	5.7
28	51	8.0	72	29	46	4.1
29	51	6.5	57	9.7	47	3.8
30	68	102	56	8.8	49	4.0
31	106	232			50	3.6
Total		729.2		416.8		304.2
Mean	55.1		58.9		51.7	
Maximum	106		78		72	
Minimum	51		50		45	

La Crosse

Discharge and suspended matter

Little La Crosse River near Leon, Wis.

Drainage area, 77.1 square miles

1936	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	30	2.2	30	2.8	33	4.3
2	31	3.1	29	2.4	33	3.4
3	31	2.5	29	1.6	34	4.1
4	30	2.4	29	3.0	40	9.5
5	30	1.5	30	2.9	39	7.8
6	30	2.5	29	2.6	37	6.3
7	30	1.5	29	3.5	34	3.6
8	31	1.7	29	1.9	34	3.4
9	31	2.8	29	4.0	37	8.0
10	30	4.0	29	3.1	427	2,180
11	31	3.4	29	2.3	521	1,810
12	30	2.2	29	2.4	140	285
13	30	1.7	29	1.4	79	65
14	30	1.6	29	4.1	60	33
15	30	1.5	29	1.8	49	17
16	31	2.4	30	2.7	94	415
17	31	4.8	30	2.3	178	1,070
18	29	5.2	30	2.1	180	947
19	29	3.3	30	1.0	137	477
20	29	1.6	30	1.8	161	1,510
21	28	1.5	30	2.5	194	1,510
22	27	5.6	30	3.3	149	946
23	27	1.0	31	2.1	382	7,360
24	27	.9	32	8.8	157	946
25	27	.9	40	11	80	184
26	27	1.5	40	11	72	96
27	28	1.3	36	3.9	72	93
28	28	1.6	37	3.5	62	45
29	29	2.3	34	3.2	59	46
30	29	1.8			54	27
31	30	1.7			50	16
Total		72.1		99.0		20,128.4
Mean	29.4		30.9		119	
Maximum	31		40		521	
Minimum	27		29		33	

La Crosse

Discharge and suspended matter

Coon Creek at Coon Valley, Wis.

Drainage area, 77.2 square miles

1936	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	33	1.7	28	1.2	33	1.2
2	33	1.6	29	.9	34	.9
3	33	.9	29	.9	38	5.4
4	32	.8	29	1.8	44	5.6
5	32	.9	30	1.5	37	1.6
6	32	1.0	30	1.1	40	4.0
7	32	.9	30	.9	34	1.6
8	31	.5	30	1.0	34	.9
9	32	1.1	31	1.5	49	19
10	31	1.5	31	1.4	445	7,600
11	32	1.2	31	.4	328	1,420
12	31	.8	31	1.3	94	69
13	32	.3	32	1.2	60	16
14	31	.5	32	.8	53	6.3
15	31	.9	32	1.2	46	4.2
16	27	.7	32	1.1	78	90
17	25	.9	32	1.1	140	376
18	29	.9	31	.8	162	452
19	29	.6	31	1.2	120	156
20	30	.8	31	.7	202	2,150
21	29	.4	31	1.0	152	447
22	29	.6	31	.6	110	159
23	28	.6	31	.7	409	13,500
24	27	1.5	33	1.1	104	197
25	27	1.3	40	1.8	69	26
26	27	1.5	38	1.1	65	15
27	27	1.2	38	2.5	61	13
28	27	.7	34	.7	56	8.2
29	27	.7	33	1.3	54	6.7
30	28	.8			53	6.6
31	28	1.1			49	5.8
Total		28.9		33.1		26,764.0
Mean	29.7		31.8		105	
Maximum	33		40		445	
Minimum	25		28		33	

La Crosse

Discharge and suspended matter

Coon Creek near Stoddard, Wis.

Drainage area, 119 square miles

1936	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	54	5.1	48	4.5	54	4.1
2	59	19	48	4.7	56	6.7
3	58	28	48	4.0	60	7.3
4	53	13	48	3.6	72	29
5	52	4.5	48	3.6	60	20
6	53	9.6	47	3.7	53	17
7	51	7.4	47	4.3	67	12
8	52	7.9	48	3.4	57	33
9	53	8.3	48	4.3	93	273
10	52	3.1	48	4.8	670	6,050
11	53	8.2	48	3.1	1,120	5,220
12	51	7.7	48	3.8	212	745
13	48	6.9	48	4.7	103	141
14	53	6.4	48	2.5	91	79
15	48	5.4	48	1.8	53	30
16	46	1.4	49	1.7	128	476
17	42	6.4	50	1.8	203	936
18	47	4.2	50	2.3	229	1,140
19	49	13	50	2.4	226	1,160
20	51	18	50	1.5	188	1,150
21	49	12	50	2.0	278	2,510
22	46	13	51	1.2	182	856
23	44	4.8	52	1.0	622	16,300
24	43	4.2	62	5.4	222	1,690
25	43	4.4	72	5.1	122	330
26	44	4.2	65	4.9	101	181
27	45	4.3	56	4.8	94	125
28	46	19	66	4.3	81	79
29	46	3.9	57	3.8	78	68
30	47	5.7			74	61
31	48	3.9			71	54
Total		262.9		99.0		39,783.1
Mean	49.2		51.7		185	
Maximum	59		72		1,120	
Minimum	42		47		53	

La Crosse

Discharge and suspended matter

Little La Crosse River near Leon, Wis.

Drainage area, 77.1 square miles

1936	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	49	16	85	374	49	84
2	49	15	52	36	40	25
3	47	12	45	13	34	9.7
4	46	13	40	9.7	32	7.9
5	45	13	39	11	31	9.1
6	44	17	41	13	34	10
7	48	19	38	11	33	9.1
8	50	11	37	9.4	32	7.2
9	60	43	36	7.6	34	11
10	57	48	41	24	32	9.8
11	56	28	38	13	31	6.1
12	48	17	36	9.3	30	7.8
13	47	13	35	9.8	30	7.3
14	44	11	34	5.2	30	6.2
15	42	11	34	6.0	29	6.0
16	41	7.7	33	6.4	31	16
17	40	4.9	36	9.6	46	158
18	38	4.9	32	7.7	33	19
19	38	5.8	32	6.3	31	10
20	37	6.7	32	4.5	30	9.7
21	36	4.4	32	3.5	29	8.1
22	35	2.6	34	7.5	29	6.7
23	35	3.8	48	523	29	5.7
24	36	3.2	35	19	28	5.9
25	39	6.8	33	13	28	5.8
26	36	3.9	32	12	28	5.0
27	36	4.7	32	10	28	5.1
28	36	4.3	31	8.6	27	4.7
29	35	3.8	30	8.2	27	4.4
30	36	6.8	30	7.2	27	4.9
31			30	9.9		
Total		361.3		1,208.4		485.2
Mean	42.9		37.5		31.8	
Maximum	60		85		49	
Minimum	35		30		27	

LaCrosse

Discharge and suspended matter

Coon Creek at Coon Valley, Wis.

Drainage area, 77.2 square miles

1936	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	47	6.2	62	21	46	5.6
2	47	5.5	44	4.5	36	3.0
3	46	9.1	39	4.2	35	2.0
4	45	6.1	40	2.7	32	2.2
5	44	5.1	36	2.8	31	5.4
6	42	11	48	10	36	1.8
7	42	6.7	40	2.3	34	1.6
8	44	6.9	39	2.0	34	3.4
9	46	7.3	81	8,700	35	1.8
10	48	6.4	50	102	33	2.1
11	46	7.0	44	17	32	2.2
12	45	4.5	39	11	31	1.8
13	44	7.7	36	9.0	31	2.8
14	44	5.0	35	4.2	31	2.0
15	41	5.4	34	2.8	31	2.1
16	39	4.0	34	4.0	31	5.1
17	39	2.1	42	9.3	36	2.1
18	38	2.7	34	3.9	32	4.0
19	38	4.3	35	1.2	31	2.8
20	39	3.4	35	.8	31	3.2
21	36	2.9	35	.8	31	6.5
22	36	2.6	44	21	31	3.3
23	36	2.7	47	10	31	2.5
24	39	1.9	38	5.5	31	2.7
25	39	2.3	34	4.4	31	3.8
26	36	2.1	34	3.2	31	2.3
27	39	1.6	34	1.2	31	2.7
28	38	3.7	34	3.1	31	2.4
29	36	2.2	32	.8	31	3.0
30	38	1.9	32	1.3	31	1.2
31			34	2.0		
Total		140.3		8,968.0		87.4
Mean	41.2		40.2		32.6	
Maximum	48		81		46	
Minimum	36		32		31	

La Crosse

Discharge and suspended matter

Coon Creek near Stoddard, Wis.

Drainage area, 119 square miles

1936	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	72	45	104	275	66	26
2	74	40	67	66	61	21
3	74	39	61	24	54	12
4	73	32	62	41	55	16
5	72	32	60	24	51	13
6	70	26	75	263	57	19
7	73	34	62	40	56	19
8	71	30	58	33	54	13
9	75	41	62	224	57	25
10	74	50	104	4,750	54	20
11	74	54	62	138	51	20
12	69	30	58	65	51	16
13	69	35	56	53	50	16
14	66	29	54	36	49	10
15	64	25	54	40	49	15
16	61	18	53	31	50	11
17	61	18	58	63	56	19
18	59	18	55	35	51	14
19	59	17	52	24	51	12
20	59	19	52	24	50	8.6
21	57	16	53	21	49	9.4
22	56	17	60	135	50	9.7
23	56	16	75	106	49	8.1
24	57	15	57	32	49	9.4
25	55	16	55	24	49	12
26	57	14	53	22	49	8.7
27	56	14	52	19	49	6.6
28	57	18	51	16	48	7.3
29	55	15	52	17	48	6.2
30	54	14	51	12	48	6.2
31			53	11		
Total		787		6,664		409.2
Mean	64.3		60.7		52.0	
Maximum	75		104		66	
Minimum	54		51		48	

La Crosse

Discharge and suspended matter

Little La Crosse River near Leon, Wis.

Drainage area, 77.1 square miles

1936	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	28	4.6	23	2.3	25	7.0
2	28	4.2	23	1.7	25	6.1
3	28	3.0	23	3.2	25	5.9
4	28	4.8	24	2.1	24	5.3
5	27	3.8	23	3.7	23	4.4
6	27	3.9	23	2.4	25	8.6
7	26	4.5	23	2.6	48	106
8	26	3.9	22	2.3	28	11
9	26	4.9	22	2.1	27	12
10	26	3.6	22	2.9	26	8.1
11	26	4.6	22	2.0	29	8.2
12	25	4.7	22	2.5	30	7.9
13	25	5.5	22	2.6	28	4.7
14	25	7.4	24	2.5	28	7.3
15	24	5.8	23	3.9	87	334
16	24	4.9	23	4.7	86	190
17	24	4.5	22	2.7	36	13
18	26	7.7	24	4.3	30	8.6
19	25	5.1	23	4.2	29	7.7
20	24	3.8	24	3.1	34	19
21	24	3.1	30	9.2	30	7.2
22	24	3.3	26	5.5	28	6.7
23	26	5.9	25	5.1	28	6.7
24	25	3.9	23	5.5	27	4.8
25	25	5.5	24	6.9	27	3.7
26	24	4.1	25	4.5	27	4.5
27	24	3.7	27	6.2	28	4.1
28	24	4.0	54	182	28	3.7
29	23	2.8	23	16	27	3.3
30	24	2.7	27	5.5	27	3.4
31	23	2.2	26	7.2		
Total		136.4		311.4		822.9
Mean	25.3		24.9		32.3	
Maximum	28		54		87	
Minimum	23		22		23	

La Crosse

Discharge and suspended matter

Coon Creek at Coon Valley, Wis.

Drainage area, 77.2 square miles

1936	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	30	2.3	25	1.6	27	0.4
2	29	1.6	25	1.6	29	.6
3	30	2.5	26	1.6	27	.3
4	30	2.6	26	2.0	26	.2
5	29	2.7	26	.6	27	.6
6	28	5.7	25	.8	34	8.9
7	27	3.2	25	2.7	48	33
8	27	2.6	25	1.4	31	1.2
9	26	3.2	24	1.2	32	1.1
10	27	4.1	25	.8	29	.3
11	27	1.5	24	1.6	38	3.0
12	26	1.0	25	1.4	34	1.7
13	26	4.5	27	.7	31	1.8
14	26	1.3	27	1.8	29	.9
15	26	1.3	26	2.0	78	113
16	26	1.5	26	1.3	51	26
17	26	2.8	26	1.1	36	1.7
18	27	.9	27	.9	33	1.2
19	26	1.1	25	1.1	33	1.0
20	26	.9	26	1.5	36	5.0
21	26	.9	40	3.3	33	.9
22	26	.6	29	2.7	31	.7
23	33	1.6	28	1.0	30	.4
24	26	1.9	26	.8	31	.5
25	26	4.6	26	1.0	29	.6
26	26	1.9	26	.9	30	1.1
27	26	3.2	32	2.0	32	.7
28	26	1.9	44	13	30	.7
29	26	1.8	30	1.5	29	.6
30	26	1.5	29	1.3	30	.6
31	26	1.5	28	1.7		
Total		68.7		56.9		208.7
Mean	27.0		27.4		33.8	
Maximum	33		44		78	
Minimum	26		24		26	

La Crosse

Discharge and suspended matter

Coon Creek near Stoddard, Wis.

Drainage area, 119 square miles

1936	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	50	9.2	41	7.9	45	16
2	48	7.0	41	8.0	45	13
3	48	8.3	42	10	45	15
4	49	8.5	42	6.4	43	14
5	47	8.9	43	12	44	13
6	46	11	42	6.6	49	53
7	47	11	41	6.1	79	166
8	43	14	42	6.6	49	27
9	44	10	42	6.8	47	21
10	44	15	42	5.1	45	16
11	44	17	42	5.8	57	34
12	43	17	42	5.6	55	27
13	43	16	43	7.3	48	16
14	43	13	45	7.5	47	16
15	42	22	43	9.3	105	206
16	42	16	44	15	99	151
17	42	17	41	9.5	57	29
18	44	17	43	10	52	20
19	43	17	42	12	50	16
20	42	18	42	12	55	24
21	42	12	60	37	50	17
22	43	16	49	21	48	16
23	49	21	45	18	48	23
24	44	13	43	15	47	13
25	44	12	43	15	48	13
26	43	15	43	15	46	16
27	42	12	50	33	49	14
28	42	12	74	297	47	8.9
29	41	8.4	50	24	46	10
30	42	8.2	46	13	47	9.4
31	41	9.3	45	16		
Total		411.8		673.5		1,033.3
Mean	44.1		44.9		53.1	
Maximum	50		74		105	
Minimum	41		41		43	

La Crosse

Discharge and suspended matter

Little La Crosse River near Leon, Wis.

Drainage area, 77.1 square miles

1936	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	26	1.7	50	15	26	1.1
2	27	2.5	52	24	27	1.1
3	27	2.3	39	4.6	27	1.1
4	33	6.4	33	2.9	25	1.4
5	30	5.2	33	2.6	25	1.6
6	28	2.9	32	2.9	25	2.2
7	28	2.4	31	2.3	25	1.8
8	28	1.8	31	1.8	26	1.1
9	28	1.4	31	1.8	26	1.7
10	28	1.7	30	1.7	26	1.3
11	28	1.0	31	2.1	27	2.6
12	28	1.5	31	2.1	26	1.5
13	29	1.8	30	6.6	25	1.9
14	30	1.5	31	2.0	27	1.6
15	30	1.5	30	1.5	28	1.7
16	29	1.7	29	1.3	29	2.0
17	30	1.1	30	1.6	28	1.5
18	29	1.2	30	1.8	27	1.2
19	28	1.2	29	1.2	27	1.2
20	29	1.6	30	1.6	27	1.2
21	41	11	30	2.8	27	1.3
22	32	2.2	30	2.0	26	.9
23	29	1.1	29	2.7	27	1.4
24	29	1.1	28	1.7	29	2.3
25	29	.7	28	1.6	37	5.9
26	28	.6	27	1.7	43	7.3
27	28	.6	27	1.2	46	10
28	29	.6	27	1.2	32	2.9
29	29	.6	26	1.3	32	2.5
30	29	.6	25	1.5	74	426
31	50	19			50	170
Total		80.5		99.1		661.3
Mean	29.9		31.3		30.7	
Maximum	50		52		74	
Minimum	26		25		25	

La Crosse

Discharge and suspended matter

Coon Creek at Coon Valley, Wis.

Drainage area, 77.2 square miles

1936	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	29	0.6	42	1.8	30	1.0
2	29	4.2	42	2.0	29	.7
3	29	.5	34	.9	28	.8
4	44	12	33	1.2	25	1.1
5	32	.9	33	.6	29	1.5
6	31	.6	33	1.7	30	1.5
7	31	.8	31	1.5	28	1.0
8	31	1.1	32	1.4	27	.8
9	31	1.1	32	.8	28	.8
10	29	.3	32	.9	28	.7
11	30	.3	32	.9	26	4.1
12	29	.5	32	1.3	28	2.5
13	30	.6	32	.5	29	.5
14	29	.3	35	.9	29	2.5
15	30	1.2	29	.4	29	.3
16	30	.5	30	.6	29	.8
17	30	.3	31	.6	29	5.4
18	31	.4	31	.6	29	2.8
19	30	.5	31	.4	27	4.4
20	31	.4	32	.6	27	3.4
21	39	1.5	30	1.4	26	2.6
22	31	.6	31	.5	27	3.3
23	31	.6	30	1.2	29	2.6
24	29	.3	31	.8	31	.6
25	29	.2	29	.9	34	2.0
26	28	.2	29	1.9	39	.9
27	29	.2	29	3.1	35	1.5
28	30	.5	30	.9	32	2.0
29	31	.5	25	1.6	32	.6
30	29	.6	28	1.2	60	108
31	47	3.4			39	26
Total		35.7		33.1		186.7
Mean	31.3		31.7		30.6	
Maximum	47		42		60	
Minimum	28		25		25	

La Crosse

Discharge and suspended matter

Coon Creek near Stoddard, Wis.

Drainage area, 119 square miles

1936	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	46	9.2	71	27	45	8.4
2	46	6.5	69	22	46	5.5
3	47	5.8	59	15	46	5.6
4	64	53	53	8.2	44	8.6
5	52	19	52	7.7	47	2.0
6	50	7.7	52	7.9	49	7.9
7	48	7.4	51	7.3	51	6.9
8	47	8.9	51	8.0	50	9.5
9	47	9.6	51	6.5	46	6.6
10	48	9.7	50	5.4	44	8.6
11	47	4.8	51	5.5	43	6.2
12	46	5.8	50	5.8	47	4.6
13	46	7.5	50	6.2	47	3.8
14	48	6.7	54	6.7	48	5.3
15	47	9.9	47	4.2	46	5.3
16	47	9.9	45	4.6	50	6.5
17	48	7.1	50	7.7	47	3.9
18	48	4.4	48	6.5	49	5.7
19	47	6.9	48	3.8	45	3.8
20	47	7.7	50	6.3	44	4.6
21	59	12	49	5.8	44	3.1
22	51	7.6	48	14	44	6.4
23	47	5.5	48	6.9	45	10
24	49	12	47	5.5	51	12
25	48	4.1	47	5.1	57	13
26	47	5.0	48	6.3	62	25
27	47	3.9	45	6.2	62	22
28	48	4.9	49	6.3	51	11
29	49	4.4	45	4.0	50	10
30	47	7.2	46	8.3	70	57
31	69	24			70	101
Total		298.1		240.7		389.8
Mean	49.3		50.8		49.7	
Maximum	69		71		70	
Minimum	46		45		43	

La Crosse

Discharge and suspended matter

Little La Crosse River near Leon, Wis.

Drainage area, 77.1 square miles

1937	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	34	11	30	1.8	37	4.6
2	31	6.4	29	1.5	37	4.6
3	30	5.7	29	1.2	37	5.6
4	30	5.6	28	1.5	42	7.8
5	30	2.2	27	1.6	82	225
6	29	3.4	28	3.6	268	1,460
7	28	3.3	29	1.8	264	1,170
8	28	3.4	29	2.5	147	279
9	28	3.0	29	1.2	73	43
10	28	2.7	29	1.3	55	18
11	28	1.8	29	2.0	49	12
12	28	2.2	29	2.2	47	11
13	28	2.1	31	2.0	47	8.5
14	29	5.6	30	2.1	45	7.0
15	30	1.5	30	1.9	47	11
16	28	2.1	29	1.4	69	111
17	28	3.6	30	1.9	90	147
18	30	4.9	32	3.6	155	625
19	28	1.3	48	25	141	494
20	28	2.2	141	300	100	198
21	28	1.5	61	20	72	36
22	28	1.7	45	11	68	34
23	28	4.7	44	12	61	23
24	28	1.7	43	6.5	48	10
25	28	2.3	41	3.5	46	6.7
26	28	1.4	40	4.1	50	4.6
27	28	1.3	38	5.9	46	7.2
28	28	4.0	36	2.6	48	8.0
29	28	1.6			62	15
30	28	2.4			72	70
31	29	1.9			72	71
Total		98.5		425.7		5,127.6
Mean	28.7		38.0		79.9	
Maximum	34		141		268	
Minimum	28		27		37	

La Crosse

Discharge and suspended matter

Coon Creek at Coon Valley, Wis.

Drainage area, 77.2 square miles

1937	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	36	4.2	30	0.9	32	1.2
2	36	3.9	30	1.1	40	4.8
3	31	2.5	31	1.1	43	9.9
4	34	3.1	31	1.3	48	13
5	31	1.9	31	2.7	86	184
6	34	2.0	31	1.3	303	4,060
7	33	1.4	32	1.2	173	569
8	28	1.7	32	3.1	106	58
9	28	1.1	32	2.4	56	29
10	28	1.1	32	2.5	47	9.9
11	28	.8	32	.8	46	3.5
12	28	.7	32	1.4	45	2.3
13	28	.9	32	1.4	44	2.5
14	28	1.0	34	2.1	43	4.5
15	28	1.3	34	2.0	43	2.3
16	28	1.0	33	2.1	49	12
17	28	.5	32	4.6	59	14
18	28	.8	39	8.6	89	100
19	28	.8	51	18	89	88
20	28	.7	96	79	70	44
21	28	.8	37	13	55	5.3
22	28	1.7	82	45	53	4.6
23	28	1.1	62	11	48	4.0
24	28	1.7	42	1.4	43	7.3
25	28	.8	38	6.4	48	13
26	29	.9	35	6.1	45	10
27	29	1.1	34	2.4	43	7.9
28	30	1.2	33	2.5	45	2.9
29	30	1.5			55	16
30	30	.8			56	15
31	30	1.5			52	6.7
Total		44.5		225.4		5,304.6
Mean	29.6		38.9		66.3	
Maximum	36		96		303	
Minimum	28		30		32	

La Crosse

Discharge and suspended matter

Coon Creek near Stoddard, Wis.

Drainage area, 119 square miles

1937	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	65	11	51	2.9	54	5.8
2	59	9.9	51	2.6	59	12
3	58	8.8	50	2.6	65	19
4	56	7.6	49	2.0	75	52
5	54	6.6	48	3.9	134	313
6	53	15	49	3.2	342	2,140
7	49	6.9	49	5.8	545	4,950
8	36	5.0	50	2.0	178	438
9	46	9.6	50	3.0	105	108
10	46	7.6	50	2.8	87	119
11	46	5.2	50	2.7	81	51
12	46	4.1	50	3.2	78	39
13	47	3.6	51	4.7	73	34
14	50	4.3	52	3.2	70	25
15	53	4.6	53	3.6	71	30
16	53	3.7	53	3.9	78	58
17	52	3.5	53	5.9	94	90
18	52	2.7	68	13	124	189
19	51	3.2	99	65	141	287
20	51	3.3	129	171	126	204
21	51	2.2	105	71	84	49
22	50	2.7	117	58	84	38
23	47	2.5	108	48	78	26
24	45	2.4	73	17	74	30
25	45	3.8	67	13	72	18
26	45	2.1	65	8.8	75	11
27	47	2.3	61	6.8	70	22
28	49	2.2	56	5.1	74	31
29	50	3.0			84	39
30	51	1.8			90	56
31	51	1.9			81	28
Total		153.1		534.7		9,511.8
Mean	50.1		64.5		111	
Maximum	65		129		545	
Minimum	36		48		54	

La Crosse

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UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles.

1937	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	148	712	62	33	31	7.1
2	76	97	45	9.8	31	6.6
3	62	43	42	6.5	30	5.3
4	56	15	41	5.0	29	5.8
5	62	28	40	5.9	34	9.0
6	65	77	38	3.7	32	4.9
7	76	140	37	3.5	31	3.3
8	73	165	36	2.7	31	3.0
9	59	62	35	3.5	31	2.5
10	53	27	35	1.9	29	3.3
11	48	18	37	3.8	29	8.3
12	46	13	52	16	29	4.7
13	46	11	38	7.5	41	12
14	46	12	37	2.1	35	8.8
15	66	44	37	6.7	32	6.6
16	50	13	38	5.5	31	7.9
17	47	11	35	2.3	31	5.8
18	45	9.8	50	12	30	5.8
19	42	6.2	41	5.4	33	6.4
20	40	6.6	38	3.8	192	3,830
21	54	14	39	4.9	46	54
22	48	9.1	35	1.5	37	22
23	42	6.5	34	.7	34	15
24	51	81	32	1.4	32	13
25	47	30	34	2.4	31	13
26	45	9.7	55	36	33	31
27	48	11	65	54	30	11
28	46	6.1	43	13	29	9.6
29	45	4.6	37	12	28	8.4
30	52	20	34	9.5	28	6.0
31			32	8.6		
Total		1,702.6		284.6		4,130.1
Mean	56.1		40.5		37.3	
Maximum	148		65		192	
Minimum	40		32		28	

La Crosse

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1937	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	86	55	46	2.2	34	1.8
2	58	9.3	41	1.3	34	1.5
3	52	2.9	40	1.5	34	1.5
4	50	1.6	40	1.3	32	1.6
5	52	3.1	39	.9	38	3.2
6	51	2.8	37	.8	34	2.7
7	58	16	36	1.5	33	1.1
8	55	11	36	1.2	36	1.2
9	50	2.3	34	.9	33	.6
10	46	1.6	33	1.1	31	1.1
11	45	1.7	38	1.7	31	1.2
12	46	1.4	45	4.7	32	2.0
13	44	2.0	38	.9	45	6.1
14	45	1.9	36	.8	36	2.4
15	47	1.3	36	1.0	34	2.1
16	44	1.3	37	3.3	32	3.1
17	44	4.4	34	.8	32	2.4
18	40	1.0	43	1.9	30	2.3
19	39	1.5	36	.9	37	26
20	40	1.9	39	1.2	96	969
21	45	2.5	37	.8	38	21
22	41	1.3	36	.9	36	7.7
23	39	1.2	34	.8	36	7.6
24	46	4.6	34	.6	34	4.9
25	45	2.4	37	1.5	33	5.3
26	41	1.6	43	1.8	33	5.0
27	43	1.7	67	615	33	4.3
28	41	1.2	40	5.4	32	2.8
29	40	1.4	38	3.6	31	2.9
30	48	3.9	37	3.2	31	2.3
31			34	2.4		
Total		145.8		665.9		1,096.7
Mean	47.4		38.7		36.0	
Maximum	86		67		96	
Minimum	39		33		31	

La Crosse

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek near Stoddard, Wisconsin.
Drainage area, 119 square miles

1937	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	120	126	78	26	54	20
2	100	80	67	9.4	55	19
3	81	63	64	7.1	54	17
4	78	29	64	9.3	53	22
5	78	32	62	10	60	31
6	78	32	59	6.5	56	17
7	84	50	58	8.5	54	11
8	87	47	57	7.4	56	15
9	78	26	56	5.3	55	12
10	73	19	55	7.3	53	15
11	70	18	58	8.5	51	17
12	68	16	71	24	52	18
13	69	16	59	8.0	71	44
14	68	14	58	6.3	59	21
15	73	30	56	6.5	55	16
16	68	20	59	6.9	53	15
17	71	41	55	4.8	52	16
18	67	15	65	19	51	17
19	64	14	61	14	56	74
20	62	17	59	13	155	1,560
21	72	27	60	19	64	108
22	68	12	55	12	57	41
23	64	16	53	7.7	55	41
24	78	72	53	13	54	32
25	74	19	55	10	53	34
26	69	12	70	34	52	31
27	69	15	92	196	52	35
28	67	6.7	66	47	51	30
29	68	10	60	21	50	27
30	81	36	58	21	50	24
31			56	22		
Total		930.7		610.5		2,380
Mean	74.9		61.3		58.1	
Maximum	120		92		155	
Minimum	62		53		50	

La Crosse

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UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1937	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	27	6.3	23	2.0	23	4.0
2	27	7.2	23	2.0	23	4.2
3	27	6.4	26	8.2	23	2.8
4	27	5.2	27	11	23	3.8
5	27	6.6	24	4.3	23	2.2
6	27	5.7	23	3.8	23	2.9
7	26	5.9	23	3.8	23	3.0
8	26	6.3	30	15	25	2.8
9	26	6.3	26	8.2	24	3.2
10	26	5.5	24	5.5	49	88
11	26	5.4	34	83	33	23
12	26	5.9	28	37	29	6.2
13	28	10	25	10	27	5.0
14	26	6.0	24	8.7	26	4.1
15	26	6.7	23	6.8	26	4.1
16	25	6.3	23	6.9	26	2.7
17	25	5.1	23	6.4	26	2.7
18	25	3.4	24	5.5	25	2.7
19	25	4.2	68	382	25	2.3
20	25	3.6	29	19	25	3.2
21	25	4.3	27	11	25	2.1
22	24	4.9	26	8.3	24	2.5
23	24	3.6	26	7.6	24	2.5
24	23	3.5	26	8.6	28	3.3
25	24	3.6	26	6.6	27	2.9
26	24	2.9	26	6.6	26	2.0
27	23	2.7	26	6.1	26	1.8
28	23	2.9	24	5.1	26	2.2
29	23	2.5	24	6.5	27	2.0
30	23	1.2	23	4.2	26	2.1
31	23	2.4	23	3.7		
Total		152.5		703.4		196.3
Mean	25.2		26.7		26.2	
Maximum	28		68		49	
Minimum	23		23		23	

La Crosse

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1937	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	30	2.5	25	2.2	26	1.3
2	31	6.4	25	1.8	25	2.2
3	29	3.3	32	5.4	25	1.4
4	31	3.8	30	4.0	25	1.2
5	29	2.9	26	1.1	26	1.6
6	29	2.7	25	1.4	26	2.0
7	29	3.2	25	2.2	26	1.3
8	29	2.3	33	3.5	28	1.9
9	29	2.7	28	1.6	26	3.0
10	29	3.5	28	1.8	42	14
11	28	2.9	38	9.1	31	3.2
12	32	9.8	31	4.6	29	1.0
13	30	6.7	29	2.7	28	1.0
14	29	3.8	27	2.7	27	1.7
15	29	3.4	25	2.0	27	1.4
16	28	2.8	25	1.5	27	.9
17	28	2.3	25	1.6	24	1.0
18	28	2.0	27	2.0	24	1.6
19	28	1.7	37	5.0	25	1.0
20	27	2.1	30	1.7	27	1.2
21	27	2.6	29	2.3	26	1.2
22	31	4.5	27	1.7	27	1.1
23	27	2.0	27	2.0	26	1.0
24	27	2.4	27	1.9	32	2.7
25	27	5.2	28	2.3	29	1.0
26	27	2.5	27	2.2	28	.7
27	26	1.8	27	1.6	28	.9
28	25	1.8	27	2.3	31	.9
29	25	1.6	26	1.8	30	1.0
30	26	1.9	25	1.7	29	1.1
31	25	2.4	25	2.4		
Total		99.5		80.1		55.5
Mean	28.2		27.9		27.7	
Maximum	32		38		42	
Minimum	25		25		24	

La Crosse

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek near Stoddard, Wis.
Drainage area, 119 square miles

1937	July		August		September	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	49	22	44	8.1	42	8.1
2	49	47	44	7.1	42	9.6
3	50	25	52	18	41	10
4	51	21	54	24	41	9.7
5	49	16	46	12	42	8.7
6	48	20	44	13	42	11
7	48	17	44	10	42	6.2
8	47	18	52	18	44	8.2
9	47	26	49	16	44	8.3
10	47	19	47	20	55	21
11	47	16	55	22	55	14
12	47	19	55	22	47	6.9
13	54	28	46	17	46	5.0
14	49	19	45	17	46	3.7
15	47	20	43	17	45	2.6
16	46	18	42	15	45	5.1
17	45	13	42	16	44	2.3
18	46	13	44	13	43	5.8
19	46	9.6	57	30	44	2.5
20	46	12	49	17	45	4.4
21	45	13	46	14	48	5.2
22	49	16	44	15	45	6.6
23	45	14	45	11	45	3.8
24	44	10	44	14	50	9.6
25	45	13	43	8.6	48	6.6
26	45	9.0	44	9.9	46	3.6
27	44	7.4	44	9.9	46	4.1
28	45	9.5	43	10	45	6.9
29	44	9.4	42	8.3	49	7.4
30	44	7.5	42	12	48	14
31	44	7.7	42	8.3		
Total		515.1		453.2		220.9
Mean	46.8		46.2		45.5	
Maximum	54		57		55	
Minimum	44		42		41	

La Crosse

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1937	October			November		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.13	27	2.6	0.02	29	1.3
2	0	27	1.9	0	29	1.1
3	0	27	2.4	0	29	.6
4	0	26	2.5	0	30	1.1
5	.23	29	4.1	0	29	.6
6	.02	28	2.4	0	28	.7
7	0	26	1.5	0	28	.8
8	0	26	1.4	.68	74	493
9	.26	28	1.4	0	40	16
10	.06	28	1.2	0	34	7.0
11	0	27	1.5	0	32	3.1
12	0	26	1.2	0	32	2.9
13	0	25	1.3	0	33	2.8
14	0	26	1.1	.12	36	2.3
15	0	26	1.1	.02	35	2.3
16	.03	27	1.5	0	32	1.3
17	.38	36	4.5	0	30	1.0
18	.39	40	5.2	.05	30	1.1
19	.60	73	93	0	29	1.0
20	1.52	124	198	0	28	.5
21	0	43	10	0	28	1.2
22	0	35	4.1	0	30	.9
23	0	32	2.4	0	27	1.1
24	0	32	3.0	0	28	1.4
25	0	31	2.1	0	30	1.9
26	0	31	2.1	0	32	3.8
27	0	30	1.5	0	32	2.9
28	0	30	1.5	.41	30	1.3
29	0	30	1.5	0	32	2.5
30	0	30	1.5	0	31	3.6
31	0	29	2.1			
Total	3.62		361.6	1.30		561.1
Mean		34.0			32.2	
Maximum		124			74	
Minimum		25			27	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1937	December			1938 January		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	30	2.1	0	28	1.3
2	0	30	2.0	0	27	.8
3	0	31	2.7	0	27	1.6
4	0	32	2.8	0	27	1.5
5	0	29	1.3	0	26	1.0
6	0	31	3.0	0	27	1.2
7	0	28	2.3	0	29	1.4
8	.05	28	2.0	0	26	1.2
9	0	27	1.6	0	25	1.0
10	0	26	1.2	0	24	.8
11	0	26	1.1	.03	24	.9
12	0	26	1.1	.12	26	1.9
13	0	26	1.8	0	26	1.1
14	0	26	1.4	.06	26	1.4
15	.09	26	1.6	0	25	1.4
16	0	28	2.0	0	26	1.3
17	0	28	2.1	.06	27	1.2
18	0	28	2.3	0	28	.9
19	0	28	1.7	0	28	1.7
20	.04	28	1.6	0	28	1.7
21	.04	28	1.4	0	28	1.7
22	.01	29	2.5	0	29	2.0
23	0	29	1.5	0	39	12
24	.06	29	2.3	.33	94	129
25	0	28	2.2	.32	33	5.6
26	0	28	1.7	0	37	3.8
27	0	28	2.2	0	29	2.5
28	0	27	2.0	0	27	1.5
29	0	27	1.7	0	27	2.3
30	0	27	2.0	.15	27	2.4
31	.03	28	2.7	0	27	3.4
Total	0.32		59.9	1.07		191.5
Mean		28.1			29.9	
Maximum		32			94	
Minimum		26			24	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1938	February			March		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	27	1.8	0	113	404
2	0	28	2.4	.01	141	336
3	.28	28	2.7	.01	54	23
4	0	28	2.3	.25	42	8.4
5	.02	48	53	.24	40	5.6
6	.46	409	1,110	0	37	3.4
7	.04	114	96	0	37	4.1
8	0	156	404	0	54	53
9	0	122	208	0	81	171
10	0	51	16	0	74	121
11	0	40	6.0	0	82	170
12	.01	49	59	0	91	240
13	.25	226	718	0	79	129
14	.01	66	44	0	56	34
15	0	44	6.4	0	46	9.1
16	0	37	5.4	.23	51	18
17	.29	39	5.5	.02	52	15
18	.02	38	5.5	0	58	34
19	0	34	2.9	.18	76	113
20	0	33	2.2	0	56	18
21	0	32	2.1	0	55	16
22	.06	33	3.6	.14	64	38
23	.05	32	3.4	0	51	15
24	.02	32	2.0	0	44	7.8
25	0	32	2.2	.07	46	9.4
26	0	110	485	.13	51	14
27	0	126	369	0	42	5.9
28	0	78	103	0	40	6.5
29				.59	70	69
30				0	62	52
31				.52	76	85
Total	1.51		3,720.4	2.39		2,228.2
Mean		74.7			62.0	
Maximum		409			141	
Minimum		27			37	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1938	April			May		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	45	10	0	35	21
2	0	39	5.3	0	33	18
3	0	38	6.0	0	34	18
4	.01	37	5.3	.48	68	2,040
5	0	35	3.7	.25	45	111
6	.03	36	3.7	.11	40	32
7	0	35	2.7	0	37	21
8	0	36	2.3	.53	127	1,320
9	0	35	2.2	1.19	145	692
10	0	35	2.0	.02	67	87
11	0	35	2.8	.05	50	38
12	0	34	2.7	0	43	21
13	0	34	2.5	0	40	16
14	0	37	13	0	39	15
15	.77	69	163	.11	42	30
16	.28	59	30	.02	38	11
17	.45	69	72	.14	42	18
18	.24	60	81	.46	55	40
19	0	43	18	.19	48	17
20	0	38	8.5	.10	47	15
21	0	36	7.1	0	42	16
22	0	35	4.9	0	39	9.5
23	0	34	4.7	0	38	9.0
24	.27	39	6.8	0	36	7.6
25	0	36	4.6	.41	47	42
26	.29	43	15	0	38	13
27	0	38	21	.50	67	240
28	.62	96	3,460	.10	49	50
29	.01	43	59	.01	41	15
30	0	37	25	0	38	11
31				0	36	11
Total	2.97		4,044.8	4.67		5,005.1
Mean		42.9			49.9	
Maximum		96			145	
Minimum		34			33	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1938	June			July		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.19	39	11	0.73	74	176
2	.16	38	11	.67	180	2,820
3	0	41	42	0	60	157
4	.64	67	215	0	45	40
5	0	38	14	.25	46	49
6	.01	36	10	.08	50	200
7	.05	34	7.9	.03	45	183
8	0	33	6.1	0	39	36
9	0	32	5.4	.25	40	64
10	0	35	32	.29	40	29
11	.66	100	388	0	37	19
12	0	35	16	0	36	54
13	0	32	10	.77	159	1,800
14	0	79	1,550	.01	47	68
15	1.19	200	4,010	0	39	23
16	.12	52	80	0	36	16
17	0	42	33	0	34	14
18	0	37	23	.01	32	11
19	0	33	17	0	32	11
20	0	33	17	0	31	8.1
21	0	32	23	0	38	203
22	0	33	13	.54	38	122
23	0	33	13	.01	34	17
24	0	32	11	0	32	11
25	.66	41	32	0	32	9.8
26	.03	35	10	0	32	8.5
27	0	34	9.5	.40	36	16
28	0	33	17	.07	38	39
29	0	32	9.1	0	32	12
30	.72	100	730	.02	31	9.1
31				.04	32	8.7
Total	4.43		7,366.0	4.17		6,234.2
Mean		48.0			47.6	
Maximum		200			180	
Minimum		32			31	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1938	August			September		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	31	6.5	0	31	4.6
2	0	30	8.5	0	31	3.3
3	0	30	8.3	0	31	3.3
4	0	29	6.8	0	31	3.3
5	.69	52	212	0	31	3.2
6	.14	36	28	1.31	211	1,200
7	.04	44	160	1.12	186	872
8	.17	52	272	.76	162	564
9	.41	40	54	.53	139	581
10	.10	34	20	1.39	425	2,400
11	0	31	17	0	116	268
12	0	30	11	1.81	563	2,160
13	0	29	8.7	0	113	91
14	0	28	7.8	.65	164	264
15	.30	30	9.7	.13	103	61
16	.39	252	1,380	0	72	25
17	2.45	205	450	.25	101	118
18	0	45	23	.90	161	207
19	0	40	14	.23	102	52
20	0	38	10	.03	79	27
21	0	37	7.3	0	66	16
22	0	35	6.8	0	60	14
23	1.15	200	1,640	0	57	13
24	0	51	47	0	54	12
25	0	39	16	0	51	9.1
26	0	36	10	0	51	9.1
27	0	34	7.7	0	49	7.5
28	0	32	6.7	0	48	6.4
29	0	32	6.4	0	47	5.2
30	0	32	6.6	0	46	5.1
31	0	32	6.3			
Total	5.84		4,468.1	9.11		9,005.1
Mean		53.7			113	
Maximum		252			563	
Minimum		28			31	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1937	October			November		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.17	31	1.3	0	29	1.1
2	.01	29	.9	0	29	.9
3	0	29	.9	0	29	.8
4	0	30	1.0	0	30	.7
5	.32	34	2.0	0	30	.7
6	0	30	.7	0	30	.6
7	0	30	.6	0	30	.6
8	0	29	.6	.51	45	18
9	.26	33	.7	0	34	12
10	.21	32	.8	0	33	2.9
11	0	31	.8	0	31	.8
12	0	29	.5	0	33	.9
13	0	29	.5	.01	33	1.6
14	0	29	.5	.17	35	2.0
15	0	29	.3	.02	33	1.6
16	.09	30	.3	0	32	.9
17	.36	39	1.7	0	31	1.3
18	.59	37	1.6	.09	32	.6
19	.58	60	17	0	32	.9
20	1.32	54	5.0	0	30	.9
21	0	37	1.2	0	28	1.7
22	0	33	.9	0	28	1.0
23	0	32	.6	0	31	.7
24	0	32	.6	0	32	.8
25	0	32	.9	0	32	1.1
26	0	32	.5	0	32	.3
27	0	31	.5	0	32	2.4
28	0	30	.8	.40	29	3.5
29	0	31	.8	0	30	3.1
30	0	29	.8	0	29	2.3
31	0	29	1.3			
Total	3.91		46.6	1.20		66.7
Mean		33.0			31.5	
Maximum		60			45	
Minimum		29			28	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1937	December			1938 January		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	33	4.0	0	30	1.6
2	0	32	1.3	0	29	1.3
3	0	34	1.7	0	28	1.1
4	0	29	1.1	0	28	1.1
5	0	29	1.7	0	27	.4
6	0	29	2.8	0	25	.6
7	.01	29	.9	0	27	.3
8	.04	29	.9	0	25	.5
9	.01	26	.4	0	25	.5
10	0	27	1.0	0	26	.2
11	0	27	.8	.04	28	.3
12	0	29	2.0	.12	29	.9
13	0	28	.7	0	29	.7
14	0	27	.7	.06	30	1.0
15	.09	30	1.2	0	30	.3
16	0	30	1.1	0	31	.2
17	0	30	.6	.05	31	.4
18	0	30	.4	0	30	.6
19	.02	30	.9	0	29	.7
20	.05	27	.7	0	29	.8
21	.09	32	1.0	0	29	2.0
22	.01	24	.7	0	34	2.8
23	0	25	1.7	0	37	10
24	.06	28	1.3	.32	70	18
25	0	28	1.1	.28	36	3.2
26	0	27	1.1	0	38	1.3
27	0	30	1.2	0	28	.6
28	0	29	2.6	0	29	.9
29	0	30	1.4	0	28	1.2
30	0	29	1.7	.13	28	.8
31	.05	32	1.3	0	26	.7
Total	0.43		40.0	1.00		55.0
Mean		29.0			30.6	
Maximum		34			70	
Minimum		24			25	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1938	February			March		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	27	0.5	0	100	485
2	0	29	.9	.01	90	100
3	.18	30	.6	0	48	4.7
4	0	30	.7	.18	40	8.0
5	.03	49	24	.14	40	2.4
6	.28	189	620	0	35	3.6
7	.05	69	27	0	41	12
8	0	76	64	0	46	9.1
9	0	66	18	0	46	6.2
10	0	41	3.0	0	45	2.6
11	0	38	2.1	0	52	13
12	.01	52	23	0	60	21
13	.18	96	65	0	54	13
14	.01	50	27	0	43	2.8
15	0	39	6.0	0	47	11
16	0	39	1.3	.35	47	7.5
17	.24	43	3.5	.01	45	2.4
18	.02	38	2.8	0	46	5.5
19	0	36	4.5	.16	52	11
20	0	33	5.2	0	46	2.6
21	0	32	1.0	0	45	2.9
22	.05	34	2.2	.18	48	11
23	.06	33	1.3	0	43	3.4
24	0	33	.8	0	40	2.2
25	0	33	.9	.04	42	3.7
26	0	66	107	.13	41	3.7
27	0	72	51	0	39	2.3
28	0	58	21	0	39	2.7
29				.65	54	9.2
30				0	52	23
31				.59	54	15
Total	1.11		1,084.3	2.44		802.5
Mean		51.1			49.0	
Maximum		189			100	
Minimum		27			35	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1938	April			May		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	42	2.2	0	35	2.2
2	0	41	1.9	0	34	2.3
3	0	40	1.9	0	40	75
4	0	39	1.7	.51	58	905
5	0	39	1.6	.38	46	18
6	.03	37	1.9	.16	41	7.4
7	0	38	1.7	0	39	3.9
8	0	34	.9	.60	83	231
9	0	34	1.1	1.08	78	76
10	0	35	.8	.01	55	15
11	0	34	1.6	.01	48	7.5
12	0	34	2.2	0	43	4.4
13	0	34	1.4	0	41	3.8
14	0	37	3.4	.06	41	3.5
15	.31	39	2.8	.06	40	2.5
16	.29	46	6.6	.04	40	3.2
17	.51	46	6.1	.21	42	4.3
18	.15	42	2.9	.45	46	6.0
19	0	43	3.6	.14	43	3.5
20	0	34	1.7	.05	41	2.2
21	0	34	1.5	0	39	2.9
22	0	33	1.2	0	37	1.9
23	0	33	2.0	0	37	2.4
24	.38	34	3.1	0	35	1.6
25	.01	35	3.4	.64	47	12
26	.24	39	2.0	.04	42	3.9
27	0	39	8.2	.44	52	18
28	.70	50	15	.13	47	8.2
29	.02	39	3.2	.13	42	3.7
30	0	37	1.8	0	39	3.4
31				0	38	.8
Total	2.64		89.4	5.14		1,435.5
Mean		38.0			44.8	
Maximum		50			83	
Minimum		33			34	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1938	June			July		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.19	43	4.9	0.43	47	30
2	.21	39	3.6	1.03	302	24,700
3	0	46	41	0	53	68
4	.61	51	52	0	44	18
5	0	39	5.2	.77	64	170
6	.02	38	2.7	.13	48	25
7	.03	37	3.0	.14	45	13
8	0	35	2.7	0	41	9.7
9	.02	35	2.4	.29	40	22
10	0	41	44	.59	46	18
11	.56	52	131	0	39	3.3
12	0	37	4.8	0	39	4.6
13	0	33	4.2	.32	40	4.3
14	0	38	15	.02	36	4.1
15	.83	66	124	0	35	2.9
16	.08	41	9.0	0	35	4.0
17	0	39	7.4	0	34	3.6
18	0	35	8.1	0	33	3.0
19	0	34	6.1	0	33	2.7
20	0	33	6.5	0	33	3.6
21	0	33	6.2	0	101	2,050
22	.29	35	17	1.78	55	128
23	0	33	5.5	.04	38	13
24	.05	33	6.4	0	36	6.4
25	.96	59	132	0	34	2.7
26	.02	37	9.3	0	37	4.4
27	0	34	3.9	.32	37	6.5
28	0	33	4.1	.03	37	5.3
29	0	33	3.4	0	33	6.0
30	.68	70	156	.09	33	3.7
31				.02	33	3.7
Total	4.55		821.4	6.00		27,339.5
Mean		40.4			50.4	
Maximum		70			302	
Minimum		33			33	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1938	August			September		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	32	1.6	0	31	1.8
2	0	31	5.7	0	30	2.3
3	0	31	2.3	0	30	1.8
4	0	29	1.9	0	30	1.9
5	.86	91	2,210	0	31	2.7
6	.11	37	20	1.48	362	7,660
7	0	33	7.5	1.51	171	1,150
8	.03	34	7.4	.86	266	3,240
9	.32	39	13	.32	99	120
10	0	33	3.3	1.78	682	16,100
11	0	32	4.3	0	94	45
12	0	29	3.2	.55	148	920
13	0	29	2.6	0	73	24
14	0	29	4.2	.82	110	116
15	.65	36	6.1	.16	78	23
16	.37	225	2,550	0	66	11
17	2.08	62	41	.21	92	62
18	0	42	6.8	.82	102	55
19	0	38	4.9	.18	80	16
20	0	36	5.0	.02	68	9.0
21	0	34	4.2	0	63	7.1
22	0	33	2.6	0	59	6.2
23	.60	47	12	0	55	5.6
24	0	34	2.0	0	51	3.4
25	0	34	1.6	0	50	3.6
26	0	34	2.6	0	49	2.6
27	0	32	1.6	0	47	2.2
28	0	32	2.2	0	46	1.4
29	0	32	1.6	0	44	2.0
30	0	32	1.9	0	44	1.3
31	0	31	2.0			
Total	5.02		4,935.1	8.71		29,596.9
Mean		42.7			105	
Maximum		225			682	
Minimum		29			30	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek near Stoddard, Wisconsin.
Drainage area, 119 square miles

1937	October		November		December	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	48	11	48	3.8	51	9.6
2	46	6.5	47	4.2	52	6.2
3	46	7.0	47	3.6	56	10
4	45	9.1	48	3.6	56	18
5	51	11	48	3.2	49	4.6
6	46	5.8	48	3.8	50	5.4
7	46	3.4	48	3.0	50	4.3
8	43	3.8	63	11	49	4.5
9	49	6.4	54	13	50	12
10	51	8.1	51	5.4	46	5.0
11	48	14	49	3.8	44	8.1
12	46	3.4	50	3.4	44	4.3
13	45	4.7	51	4.1	43	3.1
14	46	3.0	54	3.6	45	5.5
15	45	2.9	52	4.2	47	5.3
16	47	4.4	50	4.5	51	2.3
17	59	8.4	48	4.7	53	5.7
18	62	11	50	2.4	51	4.0
19	87	28	49	2.9	51	2.5
20	102	48	49	2.2	48	2.7
21	59	8.9	49	26	51	2.2
22	53	7.0	49	13	38	4.4
23	51	7.3	49	8.6	31	3.8
24	51	5.5	49	5.7	57	7.7
25	50	5.5	53	6.4	48	4.4
26	50	4.0	54	7.6	47	2.9
27	49	5.3	53	8.4	47	6.1
28	49	3.3	50	3.6	46	3.7
29	49	3.6	56	5.7	47	7.1
30	48	4.4	52	5.1	47	6.3
31	47	3.7			50	20
Total		258.4		180.5		191.7
Mean	52.1		50.6		48.2	
Maximum	102		63		57	
Minimum	43		47		31	

La Crosse

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek near Stoddard, Wisconsin.
Drainage area, 119 square miles

1938	January		February		March	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	47	7.1	49	3.2	90	59
2	47	1.5	52	3.9	181	577
3	49	6.6	56	4.4	81	61
4	47	1.3	56	5.4	67	20
5	45	1.6	86	21	66	15
6	44	3.3	380	1,010	60	20
7	44	5.2	155	276	67	31
8	39	2.7	130	247	74	44
9	38	3.0	124	179	75	50
10	41	4.2	69	30	74	26
11	44	4.2	62	27	78	33
12	46	2.7	76	52	88	45
13	48	2.9	167	245	84	40
14	47	2.0	91	58	70	19
15	45	2.1	67	11	81	46
16	49	2.4	70	11	84	45
17	50	3.0	71	33	70	17
18	48	1.9	64	20	71	18
19	47	4.2	57	16	81	33
20	48	3.9	57	37	72	24
21	48	11	55	17	69	17
22	60	21	58	16	74	37
23	71	32	56	10	68	15
24	167	196	55	18	63	12
25	66	7.1	55	21	65	16
26	56	7.9	105	195	66	16
27	51	5.5	130	232	62	10
28	47	1.5	103	92	60	11
29	50	5.8			78	34
30	50	9.2			81	46
31	48	6.1			91	57
Total		368.9		2,890.9		1,494
Mean	52.5		91.3		77.1	
Maximum	167		380		181	
Minimum	38		49		60	

La Crosse

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek near Stoddard, Wisconsin.
Drainage area, 119 square miles

1938	April		May		June	
Day	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)	Discharge (second-feet)	Suspended matter (tons per day)
1	69	21	57	8.9	64	22
2	64	11	56	12	63	18
3	63	8.0	56	22	62	27
4	61	9.2	88	402	85	70
5	60	8.3	71	93	61	25
6	61	7.6	65	29	60	28
7	59	6.5	61	18	59	14
8	58	7.0	127	208	57	16
9	57	4.8	136	273	55	18
10	57	7.7	90	63	57	51
11	56	5.7	76	32	81	122
12	55	5.6	68	26	58	24
13	55	5.8	65	24	56	25
14	55	7.4	64	16	70	160
15	60	8.7	64	19	101	385
16	67	32	63	18	70	44
17	73	26	66	28	63	26
18	64	17	76	33	60	23
19	60	12	69	22	58	31
20	57	7.2	66	21	57	28
21	56	6.5	63	19	55	30
22	55	7.9	60	14	69	121
23	54	5.1	59	18	56	31
24	62	9.2	58	9.1	56	29
25	58	7.2	79	70	161	3,380
26	61	9.6	63	24	68	104
27	61	36	76	50	60	48
28	78	44	78	31	58	39
29	63	14	68	22	56	35
30	54	9.6	62	20	113	414
31			60	19		
Total		367.6		1,664.0		5,388
Mean	60.4		71.3		68.3	
Maximum	78		136		161	
Minimum	54		56		55	

La Crosse

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*42 Silt load determination discontinued at Stoddard station June 30, 1938

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1938	October			November		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	43	4.3	0	36	3.7
2	0	41	3.3	.10	38	4.1
3	0	41	3.7	0	38	4.7
4	0	41	5.4	.78	80	42
5	0	40	3.7	.58	100	113
6	0	39	8.1	0	49	12
7	0	39	4.3	.13	50	5.7
8	0	39	2.4	.60	55	9.4
9	0	38	2.7	0	55	8.9
10	0	38	5.2	0	66	19
11	.01	39	2.6	0	65	19
12	.05	39	4.0	.02	60	14
13	.03	40	3.3	0	51	12
14	0	39	3.3	0	44	6.8
15	.04	38	2.7	0	42	5.4
16	0	38	2.8	0	41	4.8
17	0	36	2.3	0	44	7.1
18	0	37	3.1	.11	47	7.0
19	.03	37	3.6	0	43	7.1
20	0	37	3.6	0	42	4.2
21	0	37	3.1	0	41	4.3
22	.01	40	5.0	0	39	2.9
23	.39	46	6.6	0	37	2.4
24	.04	42	5.3	.03	37	5.6
25	0	39	3.5	0	36	3.9
26	0	37	3.5	.04	38	3.5
27	0	36	2.5	0	36	2.8
28	0	36	5.4	0	36	3.6
29	0	36	2.9	0	37	2.6
30	0	36	3.6	0	37	3.3
31	0	36	3.7			
Total	0.60		119.5	2.39		344.8
Mean		38.7			47.3	
Maximum		46			100	
Minimum		36			36	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1938	December			1939 January		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	37	2.9	0	35	2.9
2	0	37	3.1	0	36	4.1
3	.12	44	7.7	0	35	3.1
4	0	40	3.7	0	36	2.6
5	.48	51	11	.21	57	16
6	.01	47	5.7	.02	46	17
7	.03	43	3.8	0	39	7.1
8	.02	42	3.4	0	37	4.7
9	0	40	2.6	.04	91	486
10	0	39	2.6	.25	108	591
11	0	38	2.7	0	45	19
12	0	36	2.0	.05	40	10
13	0	36	2.1	.02	38	8.8
14	0	35	2.4	.04	38	7.8
15	0	34	2.7	0	37	6.2
16	0	34	2.1	0	36	5.2
17	0	32	2.1	.04	35	4.3
18	0	33	2.0	.09	36	4.9
19	0	31	1.7	.01	35	6.2
20	0	33	2.0	.01	35	4.4
21	.01	32	2.3	0	35	4.3
22	0	31	2.0	0	32	4.5
23	.08	33	2.8	0	35	4.2
24	0	32	2.1	.04	34	4.1
25	0	32	1.9	.02	34	2.5
26	0	33	2.1	.05	34	3.1
27	.03	29	3.1	0	34	2.4
28	.01	37	3.2	0	34	4.2
29	0	33	2.8	0	34	3.9
30	.01	31	3.0	0	33	2.8
31	.03	32	2.1	0	33	2.9
Total	0.83		95.7	0.89		1,250.2
Mean		36.0			40.9	
Maximum		51			108	
Minimum		29			32	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Cross River near Leon, Wis.
Drainage area, 77.1 square miles

1939	February			March		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.10	34	4.5	0.15	35	3.5
2	.02	32	3.7	0	33	6.6
3	0	30	3.2	0	33	4.8
4	0	31	3.7	.14	34	6.5
5	0	30	4.6	0	34	4.4
6	0	30	3.2	.20	33	4.4
7	0	29	2.2	0	32	2.8
8	.04	29	2.7	0	32	2.5
9	.01	30	3.1	0	33	4.5
10	.45	30	5.8	0	35	7.6
11	0	34	3.5	0	38	15
12	0	32	3.9	0	116	404
13	0	36	3.7	0	143	486
14	0	44	22	0	175	770
15	0	35	4.3	.08	154	586
16	0	37	3.6	0	49	6.5
17	.19	34	2.7	0	43	3.6
18	0	38	23	0	39	4.3
19	.14	104	213	0	202	1,500
20	.04	57	20	0	246	1,360
21	0	38	4.2	0	239	2,200
22	0	38	3.5	0	189	1,240
23	0	34	18	0	130	562
24	.01	33	2.0	0	106	236
25	0	32	1.4	0	87	97
26	0	34	1.7	0	76	68
27	0	34	7.2	0	58	29
28	.39	34	9.2	.01	52	19
29				0	50	14
30				.01	49	14
31				0	49	19
Total	1.39		383.6	0.59		9,681.0
Mean		36.9			84.6	
Maximum		104			246	
Minimum		29			32	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1939	April			May		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	49	15	0	41	7.6
2	0	46	14	0	39	4.2
3	0	45	7.9	0	38	5.0
4	0	45	9.0	0	37	4.9
5	.36	58	35	0	36	4.4
6	.02	48	14	0	35	4.5
7	0	42	7.1	.01	35	10
8	0	44	6.4	0	34	5.6
9	0	44	6.5	0	33	3.8
10	0	44	6.8	0	33	4.4
11	.01	45	11	0	32	3.0
12	0	43	4.4	0	32	3.3
13	0	42	6.2	0	32	4.5
14	.30	51	20	0	32	4.3
15	.01	47	9.9	.10	33	8.4
16	.05	47	8.1	0	32	4.4
17	1.25	141	632	0	32	4.9
18	.18	81	99	0	31	4.9
19	0	58	29	0	31	4.8
20	.01	53	23	0	31	5.4
21	.02	50	18	.02	31	7.0
22	0	47	14	0	30	6.2
23	0	45	12	0	30	6.2
24	0	46	13	0	30	8.1
25	0	45	13	0	30	9.1
26	0	45	9.5	0	30	6.6
27	.07	45	13	1.47	60	86
28	0	45	6.9	.21	43	32
29	0	43	5.7	0	35	22
30	0	42	7.1	0	33	16
31				0	32	16
Total	2.28		1,076.5	1.81		317.5
Mean		50.9			34.3	
Maximum		141			60	
Minimum		43			30	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1939	June			July		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	31	16	0	30	7.4
2	.01	31	16	0	29	4.9
3	.04	30	13	0	29	6.0
4	0	30	9.7	0	29	9.3
5	0	30	12	0	29	12
6	0	30	11	0	29	4.8
7	.09	35	41	.23	30	8.7
8	.51	34	36	.01	28	6.7
9	0	31	16	0	27	6.5
10	.05	33	10	0	27	10
11	.68	43	28	0	27	5.8
12	.02	35	9.7	0	27	5.9
13	0	33	7.3	0	26	5.8
14	0	32	7.1	0	25	4.3
15	.02	32	6.4	.01	25	4.8
16	.03	32	7.5	0	26	6.0
17	0	31	7.2	.24	28	5.4
18	0	32	6.0	.19	29	6.9
19	.64	45	98	0	28	4.1
20	0	34	19	0	27	5.5
21	0	33	17	0	26	3.1
22	.34	37	22	0	26	6.3
23	0	34	7.4	0	25	5.9
24	0	32	11	0	25	8.0
25	0	31	10	0	25	8.8
26	.02	31	5.9	0	24	7.2
27	.01	31	7.7	0	24	7.0
28	0	31	7.7	.62	28	7.9
29	.14	34	12	.03	27	10
30	.33	36	27	0	27	6.7
31				0	26	5.8
Total	2.93		504.6	1.33		207.5
Mean		33.1			27.0	
Maximum		45			30	
Minimum		30			24	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1939	August			September		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.03	26	7.0	0	27	6.4
2	.15	27	11	0	27	5.0
3	.03	27	6.7	0	27	4.2
4	0	26	4.1	.49	35	24
5	0	26	3.8	0	28	12
6	0	26	4.4	0	28	5.3
7	0	26	4.6	0	28	11
8	.14	27	4.2	0	27	7.8
9	.13	27	4.1	.06	28	11
10	0	27	8.2	0	28	4.8
11	.84	34	15	0	28	5.0
12	.07	31	10	.18	30	5.3
13	.09	31	4.4	0	28	4.2
14	0	29	5.0	0	26	3.9
15	0	28	4.2	0	26	6.5
16	0	28	5.5	0	26	5.2
17	0	28	4.6	0	26	5.1
18	0	28	6.5	0	26	2.7
19	0	28	12	0	26	3.7
20	0	30	14	0	26	2.9
21	2.63	137	715	0	26	3.5
22	0	43	25	0	26	2.4
23	.08	36	13	0	26	3.4
24	0	33	8.6	0	27	3.9
25	0	30	6.8	.01	28	2.5
26	0	29	7.9	0	28	2.2
27	0	28	6.2	0	28	2.0
28	0	28	8.2	0	27	3.0
29	.11	28	7.2	.46	31	4.1
30	0	28	5.7	0	29	2.3
31	0	28	6.3			
Total	4.30		949.2	1.20		165.3
Mean		32.5			27.6	
Maximum		137			35	
Minimum		26			26	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1938	October			November		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	43	1.6	0	35	1.3
2	0	43	1.9	.13	38	1.7
3	0	43	1.6	0	39	3.2
4	0	42	1.5	.99	61	9.9
5	0	41	1.5	.78	54	7.3
6	0	39	1.3	0	41	1.8
7	0	39	1.3	.11	45	2.8
8	0	38	1.9	.54	47	3.4
9	0	38	2.2	0	45	2.3
10	0	38	2.2	0	49	2.0
11	.02	38	2.4	0	48	2.3
12	.06	38	2.1	.01	48	3.8
13	.01	37	1.5	0	45	7.2
14	0	37	1.8	0	42	3.9
15	.03	37	1.4	0	41	2.1
16	0	38	1.2	0	41	2.3
17	0	38	1.3	0	43	2.6
18	0	38	1.9	.03	41	2.4
19	.06	37	1.4	0	39	2.5
20	0	38	1.0	0	39	2.9
21	.04	36	1.0	0	39	4.8
22	.11	38	1.0	0	38	3.1
23	.21	39	1.1	0	37	2.8
24	.07	38	1.1	.01	36	1.8
25	.01	37	.9	0	38	4.3
26	0	36	1.2	.03	38	3.9
27	0	36	1.0	0	37	3.4
28	0	36	.9	0	37	2.9
29	0	35	1.7	0	37	4.2
30	0	36	.7	0	36	3.3
31	0	35	1.2			
Total	0.62		44.8	2.63		102.2
Mean		38.1			41.8	
Maximum		43			61	
Minimum		35			35	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1938	December			January 1939		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	35	2.2	0	35	0.9
2	0	36	2.5	0	36	1.4
3	.13	38	3.0	0	36	1.1
4	0	38	2.2	0	36	1.9
5	.39	43	3.0	.24	47	6.0
6	.01	40	2.3	.01	39	1.6
7	.06	39	1.5	0	37	1.4
8	.06	39	1.7	0	37	1.3
9	0	38	1.6	.09	94	678
10	0	37	1.6	27	65	98
11	0	37	1.1	0	42	6.1
12	0	36	4.0	.03	40	2.6
13	0	36	2.8	.04	40	2.4
14	0	34	2.6	.10	40	2.5
15	0	37	2.3	0	38	1.7
16	0	35	1.0	0	37	1.6
17	0	34	3.7	.05	38	3.5
18	0	35	4.0	.06	38	1.8
19	0	36	3.5	.01	37	1.5
20	0	35	1.3	.01	37	1.7
21	0	34	.6	0	37	2.4
22	0	34	3.0	0	34	5.9
23	.17	35	3.1	0	36	2.2
24	0	34	1.3	.12	37	2.2
25	0	33	1.3	0	35	1.1
26	0	31	1.1	.03	34	1.1
27	.04	30	3.6	0	37	1.3
28	0	35	2.5	0	35	1.2
29	0	34	1.9	0	34	1.7
30	.03	33	.8	0	36	5.1
31	.06	35	.9	0	36	2.3
Total	0.95		68.0	1.06		843.5
Mean		35.7			39.9	
Maximum		43			94	
Minimum		30			33	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1939	February			March		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.08	35	2.6	0.10	35	5.8
2	.04	36	9.4	0	35	3.2
3	0	35	4.8	0	35	3.3
4	0	33	2.6	.14	39	4.0
5	0	33	1.2	0	36	1.4
6	0	32	1.6	.17	35	2.8
7	0	34	5.0	0	37	8.4
8	.04	32	3.7	0	36	3.6
9	0	34	3.7	0	39	7.4
10	.53	35	6.5	0	38	4.1
11	0	36	2.0	0	54	20
12	0	40	1.6	0	80	152
13	0	40	6.2	0	93	206
14	0	37	2.5	0	164	1,180
15	0	33	3.2	.08	94	208
16	0	34	1.5	0	45	19
17	.20	34	1.4	0	41	3.9
18	0	41	6.0	0	42	5.1
19	.19	69	48	0	186	2,420
20	.02	42	10	0	131	467
21	0	39	6.4	0	163	1,170
22	0	37	2.5	0	101	140
23	.01	34	4.5	0	75	51
24	.03	33	2.2	0	67	22
25	0	33	2.6	0	62	17
26	0	34	1.8	0	57	13
27	.01	35	4.4	0	50	7.7
28	.33	35	2.8	.01	48	6.0
29				0	46	4.5
30				.03	45	3.9
31				0	46	5.2
Total	1.48		150.7	0.53		6,165.3
Mean		36.6			66.2	
Maximum		69			186	
Minimum		32			33	

La Crosse

Precipitation is for 24-hour period ending 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1939	April			May		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	45	3.4	0	40	1.7
2	0	44	3.0	0	40	1.3
3	0	43	3.8	0	39	1.6
4	0	42	2.2	0	39	1.6
5	.37	50	8.5	0	39	1.9
6	0	44	3.4	0	39	1.9
7	0	40	1.5	0	38	.9
8	.01	42	1.5	0	39	1.2
9	0	42	1.5	0	38	1.0
10	0	42	1.5	0	37	.8
11	0	42	2.4	0	37	1.0
12	0	41	1.1	0	36	3.3
13	0	40	1.1	0	35	2.2
14	.36	47	2.5	0	35	2.7
15	.03	42	3.7	0	35	2.1
16	.05	43	4.2	0	35	1.9
17	1.05	87	102	0	34	1.5
18	.16	62	16	0	34	1.7
19	0	53	8.0	0	34	3.1
20	0	50	8.1	0	34	3.3
21	.01	48	5.1	.01	34	2.8
22	0	45	4.0	0	34	3.1
23	0	45	3.9	0	34	1.6
24	0	44	4.8	0	33	2.3
25	0	43	4.9	0	34	2.5
26	0	42	4.8	0	33	2.2
27	.03	42	3.5	1.69	68	75
28	0	41	2.4	.12	41	8.5
29	0	40	4.1	.02	38	4.5
30	0	40	1.4	0	35	6.0
31				0	34	2.9
Total	2.07		218.3	1.84		148.1
Mean		45.7			37.3	
Maximum		87			68	
Minimum		40			33	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1939	June			July		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	35	9.4	0	34	9.0
2	0	34	8.7	0	33	6.0
3	.08	34	7.2	0	32	4.4
4	0	33	5.4	0	32	3.7
5	0	33	3.7	0	33	2.4
6	0	33	2.2	0	46	765
7	.02	45	103	.70	46	202
8	.64	37	28	0	34	12
9	0	34	5.5	0	32	3.3
10	.01	36	10	0	31	3.3
11	.75	45	25	0	32	2.8
12	.04	36	3.8	0	32	3.1
13	0	35	2.7	0	31	2.5
14	0	35	2.5	0	32	2.7
15	.01	34	3.6	.04	31	9.6
16	.01	35	3.5	0	31	2.7
17	0	34	3.4	.41	37	7.9
18	0	34	4.6	.13	34	7.9
19	.56	39	10	0	33	3.8
20	0	34	3.7	0	32	2.2
21	.01	35	6.5	0	31	2.6
22	.25	36	5.4	0	31	2.4
23	0	34	2.7	0	30	5.6
24	0	33	2.5	0	30	1.5
25	0	32	2.7	0	29	2.0
26	.03	33	3.9	0	30	2.7
27	0	33	2.4	0	30	1.9
28	0	66	1,320	.58	35	8.8
29	.74	51	204	.01	30	2.8
30	.12	38	22	0	30	2.4
31				0	30	4.0
Total	3.27		1,818.0	1.87		1,093.0
Mean		36.8			32.7	
Maximum		66			46	
Minimum		32			29	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1939	August			September		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.01	30	1.6	0	32	2.1
2	.11	31	4.7	0	31	4.5
3	.02	30	4.9	0	32	2.2
4	0	28	3.6	.36	34	3.2
5	0	28	4.8	0	31	3.3
6	.01	29	1.5	0	31	2.3
7	0	30	6.2	0	30	2.3
8	.12	33	3.7	0	30	3.2
9	.16	31	1.4	.09	31	1.8
10	0	31	5.0	0	31	1.3
11	.72	37	12	0	31	1.3
12	.15	34	6.0	.24	33	1.1
13	.14	33	2.2	0	31	2.9
14	0	30	3.2	0	30	2.8
15	0	30	2.3	0	29	2.9
16	0	29	1.8	0	29	1.6
17	0	29	2.2	0	30	1.1
18	0	30	1.4	0	30	2.9
19	0	28	2.9	0	29	.9
20	.01	67	2,160	0	29	2.0
21	2.94	154	2,030	0	29	1.0
22	.02	42	13	0	28	1.2
23	.06	39	4.0	0	29	1.3
24	0	36	2.6	0	30	.7
25	0	34	2.5	.01	31	1.3
26	0	33	3.5	.03	31	2.5
27	0	33	2.9	0	31	.8
28	0	33	2.4	0	31	1.0
29	.14	36	4.2	.43	34	2.6
30	.08	34	2.0	0	31	.6
31	0	32	2.2			
Total	4.69		4,300.7	1.16		58.7
Mean		37.2			30.6	
Maximum		154			34	
Minimum		28			28	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1939	October			November		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	29	3.0	0	30	1.4
2	0	28	2.0	0	29	1.6
3	0	28	2.3	0	29	2.0
4	0	27	2.0	0	29	1.6
5	0	27	2.0	0	30	1.9
6	0	28	1.7	0	30	1.9
7	0	28	2.0	.06	31	2.8
8	0	29	1.9	0	30	2.2
9	.44	34	3.7	.01	30	4.0
10	.31	32	5.2	.37	38	8.2
11	0	29	2.4	0	32	2.9
12	0	29	1.7	0	31	2.8
13	.25	31	2.8	0	31	2.4
14	.02	30	3.1	0	31	2.8
15	0	29	3.1	0	31	3.9
16	0	29	2.0	0	31	2.6
17	0	29	3.9	0	31	2.8
18	0	29	2.3	0	31	3.6
19	0	28	2.0	0	30	2.8
20	0	28	1.8	0	30	2.7
21	.01	29	2.6	.13	31	2.8
22	0	29	2.1	0	31	2.8
23	.03	29	2.5	0	31	2.9
24	0	29	1.7	0	32	2.7
25	0	29	1.9	.04	33	3.4
26	0	29	2.4	0	31	2.9
27	.03	30	2.8	0	30	1.7
28	0	29	1.1	0	29	1.6
29	.04	30	3.7	0	30	2.3
30	.17	31	2.3	0	31	3.1
31	0	31	1.8			
Total	1.30		75.8	0.61		83.1
Mean		29.2			30.8	
Maximum		34			38	
Minimum		27			29	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1939	December			1940 January		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.16	35	4.1	0	28	1.8
2	.06	36	7.1	0	28	1.3
3	0	32	2.9	0	27	1.3
4	0	32	2.4	0	25	1.1
5	0	31	2.7	0	24	.8
6	0	31	2.4	0	24	.8
7	0	32	3.8	0	25	.8
8	0	31	2.8	.02	26	1.7
9	0	31	3.0	0	27	6.6
10	0	31	2.9	0	27	2.3
11	0	31	2.5	0	27	1.9
12	0	31	2.4	.01	27	1.8
13	0	30	2.8	0	27	1.7
14	0	28	1.4	.39	27	1.8
15	0	30	2.6	.09	30	1.5
16	0	30	2.3	0	29	2.3
17	0	31	2.8	.02	27	2.8
18	0	31	2.8	0	26	1.1
19	.04	33	3.9	0	26	.8
20	.15	33	2.9	0	26	1.1
21	0	30	1.8	0	26	1.1
22	0	29	2.8	0	26	1.1
23	0	30	1.6	0	27	1.5
24	0	29	1.6	0	27	1.6
25	0	28	1.6	0	27	1.5
26	0	28	1.4	0	27	1.2
27	0	28	1.4	0	27	2.0
28	0	28	1.1	0	27	1.2
29	0	28	2.0	0	28	1.2
30	0	27	1.0	0	28	3.6
31	0	28	1.5	0	29	2.4
Total	0.41		78.3	0.53		53.7
Mean		30.4			26.8	
Maximum		36			30	
Minimum		27			24	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
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Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1940	February			March		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	30	2.0	0	30	1.8
2	0	29	1.7	0	29	2.3
3	0	29	1.3	0	31	2.5
4	.08	29	2.0	0	33	5.4
5	0	29	2.0	0	31	2.8
6	0	29	2.0	0	34	3.7
7	0	29	2.7	0	38	6.2
8	.01	29	2.0	0	39	11
9	0	28	1.3	0	40	7.1
10	0	28	1.0	0	37	4.6
11	0	29	2.2	0	35	3.7
12	0	28	2.6	.07	33	2.9
13	0	28	1.7	.50	33	3.4
14	0	28	2.2	.07	33	3.3
15	0	28	2.0	0	31	2.2
16	0	28	2.0	0	31	1.7
17	.06	28	1.8	0	32	2.2
18	0	29	2.2	.01	67	143
19	0	30	2.9	0	67	81
20	0	30	3.0	.27	43	9.6
21	0	30	2.6	0	38	7.0
22	.02	30	2.0	0	35	3.4
23	.04	28	1.4	0	35	1.6
24	.37	28	1.1	0	34	2.1
25	0	28	2.9	0	33	1.8
26	0	30	2.5	0	32	3.2
27	0	31	2.2	.30	31	2.9
28	0	31	2.3	.09	32	3.2
29	.01	30	2.2	.07	202	882
30				0	127	495
31				0	95	301
Total	0.59		59.8	1.38		2,003.6
Mean		29.0			46.5	
Maximum		31			202	
Minimum		28			29	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

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Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1940	April			May		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	55	40	0	34	2.3
2	.88	170	2,110	0	34	1.9
3	.85	179	1,350	0	33	1.7
4	.01	63	73	0	32	2.7
5	0	48	23	0	31	2.5
6	0	44	20	0	31	2.5
7	.03	45	23	.01	31	2.0
8	.41	58	45	.26	34	4.0
9	.02	47	14	0	32	3.0
10	.01	49	28	0	31	2.9
11	.31	50	20	0	31	2.3
12	0	41	8.2	0	30	2.7
13	0	40	6.8	0	30	2.4
14	0	39	6.5	.28	38	195
15	0	39	9.5	.26	35	8.9
16	0	38	8.8	.17	36	5.0
17	0	38	7.8	0	33	3.0
18	.36	46	22	0	32	4.8
19	0	39	8.7	1.29	88	138
20	0	37	7.3	.37	57	32
21	0	36	5.1	0	38	11
22	0	35	5.0	0	34	7.3
23	0	35	4.8	0	32	5.5
24	.11	37	4.4	0	31	4.6
25	0	35	3.3	.01	30	5.3
26	0	34	2.7	0	30	4.2
27	0	33	3.5	.08	33	6.9
28	0	32	2.8	.39	35	11
29	.18	35	3.5	0	32	5.3
30	.18	35	3.7	0	30	3.7
31				0	30	3.6
Total	3.35		3,870.4	3.12		488.0
Mean		50.4			35.1	
Maximum		179			88	
Minimum		32			30	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

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Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1940	June			July		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	29	4.3	0	32	24
2	0	28	4.2	0	30	8.7
3	0	28	2.4	0	30	8.3
4	0	28	4.4	0	28	7.3
5	0	28	2.7	0	28	7.0
6	0	28	2.6	0	27	6.9
7	.04	51	732	0	27	6.7
8	1.49	78	980	0	27	5.3
9	0	37	23	0	27	5.9
10	.05	34	18	0	27	4.4
11	0	32	11	.81	37	18
12	.43	34	18	.41	36	16
13	0	33	23	0	30	5.7
14	0	31	17	0	28	4.5
15	0	30	12	0	27	4.3
16	0	30	15	0	27	4.4
17	0	29	11	0	26	4.7
18	.55	39	158	.04	26	4.6
19	0	28	9.5	0	25	3.8
20	0	27	8.8	0	25	3.8
21	0	27	7.9	0	25	3.4
22	.57	51	386	0	24	4.1
23	1.28	174	2,380	0	25	3.8
24	.64	71	63	0	24	3.4
25	.11	47	73	0	24	4.0
26	0	37	86	.15	25	4.3
27	0	34	88	.04	26	3.3
28	.52	42	61	0	26	2.9
29	.04	35	18	.44	27	5.7
30	.11	34	32	0	26	4.6
31				0	25	4.9
Total	5.83		5,251.8	1.89		198.7
Mean		41.1			27.3	
Maximum		174			37	
Minimum		27			24	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

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Little La Crosse River near Leon, Wis.
Drainage area, 77.1 square miles

1940	August			September		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.02	27	37	0.01	35	5.5
2	3.27	584	3,500	0	34	4.8
3	.49	95	250	0	34	4.9
4	.10	54	42	0	33	4.8
5	.62	171	1,740	0	32	4.1
6	0	48	45	0	32	4.0
7	0	39	18	0	32	4.2
8	0	35	12	0	31	3.3
9	0	33	9.8	.01	30	4.1
10	.02	33	8.1	0	31	2.7
11	.69	55	119	0	30	2.1
12	.05	37	18	0	30	2.5
13	.14	34	12	0	29	3.7
14	0	122	1,070	0	29	2.4
15	1.24	192	1,050	0	29	1.6
16	.05	46	37	0	29	2.0
17	.11	42	21	0	29	1.9
18	.22	41	33	.01	29	2.2
19	0	35	11	0	28	2.4
20	0	34	6.2	0	28	1.8
21	0	33	6.7	.04	28	3.2
22	.18	33	8.2	0	28	2.1
23	0	31	5.6	.17	30	3.6
24	.01	30	4.6	.06	30	3.7
25	.42	39	17	0	29	2.0
26	.52	74	252	0	29	3.0
27	.37	55	30	0	29	2.1
28	.17	44	14	0	29	1.8
29	.01	40	9.2	.01	29	1.8
30	.15	40	12	0	28	1.4
31	.10	37	7.5			
Total	8.95		8,405.9	0.31		89.7
Mean		71.4			30.1	
Maximum		584			35	
Minimum		27			28	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
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Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1939	October			November		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	31	0.6	0	34	1.7
2	0	31	1.0	0	33	.9
3	0	31	.9	0	31	1.2
4	0	31	.8	0	32	.9
5	0	31	1.3	0	32	.9
6	0	31	1.3	0	33	1.7
7	0	31	1.4	.05	34	.7
8	0	31	.6	0	32	1.0
9	.48	39	1.7	0	34	1.8
10	.24	36	1.6	.51	39	4.4
11	.01	33	.4	0	33	1.2
12	0	31	.3	0	33	.9
13	.30	36	1.1	0	33	1.5
14	.01	33	.4	0	33	.7
15	0	32	.6	0	34	1.1
16	0	32	.7	0	31	1.2
17	0	31	.4	0	33	1.1
18	0	33	.4	0	32	1.0
19	0	32	.4	0	32	1.1
20	0	31	.8	0	33	1.1
21	0	32	.8	.10	33	.8
22	0	32	.6	0	32	1.0
23	0	32	1.1	0	32	1.0
24	0	32	1.0	0	34	1.2
25	0	33	1.0	.03	33	1.2
26	0	33	.8	0	32	1.0
27	.01	33	1.0	0	32	.8
28	0	31	.3	0	31	.8
29	.06	33	.5	0	32	.9
30	.28	36	1.0	0	33	.8
31	0	34	.8			
Total	1.39		25.6	0.69		35.6
Mean		32.5			32.8	
Maximum		39			39	
Minimum		31			31	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
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Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1939	December			1940 January		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.18	37	1.7	0	31	1.8
2	.13	36	1.1	0	29	1.3
3	0	34	.8	0	27	.9
4	0	34	.9	0	25	.7
5	0	34	1.0	0	24	.4
6	0	34	1.7	0	25	.4
7	0	33	1.2	0	25	.5
8	0	32	.9	.02	26	.6
9	0	33	1.2	0	27	.5
10	0	33	1.0	.01	28	.5
11	0	32	1.0	0	28	.5
12	0	34	1.6	0	30	.6
13	0	32	.9	0	30	.5
14	0	30	2.4	.34	30	1.5
15	0	32	1.1	.10	30	1.3
16	0	32	1.0	0	30	.7
17	0	32	1.7	.02	30	.8
18	0	33	1.5	0	30	.6
19	.02	34	2.1	0	31	.4
20	.17	34	1.2	0	30	.6
21	0	31	1.2	0	29	.3
22	0	30	2.6	0	30	.2
23	0	32	2.2	0	28	.4
24	0	31	1.7	0	27	.3
25	0	31	1.0	0	28	.8
26	0	31	1.0	0	29	.4
27	0	31	.8	0	29	.4
28	0	31	.7	0	29	.4
29	0	30	.8	0	29	.5
30	0	31	2.1	0	29	.4
31	0	30	2.1	0	29	.5
Total	0.50		42.2	0.49		19.7
Mean		32.4			28.5	
Maximum		37			31	
Minimum		30			24	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

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Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1940	February			March		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	29	1.6	0	31	2.0
2	0	32	1.8	0	31	.7
3	0	31	.9	0	34	1.3
4	.07	34	1.5	0	33	1.6
5	.01	32	1.3	0	32	1.3
6	0	31	.8	0	35	2.6
7	0	31	1.3	0	36	2.9
8	.02	31	1.1	0	37	1.5
9	0	28	2.6	0	37	1.2
10	0	32	2.6	0	35	1.4
11	0	34	1.5	0	34	2.3
12	0	31	1.2	.06	33	1.8
13	0	30	2.6	.45	33	5.3
14	0	31	1.2	.08	34	5.2
15	0	31	1.0	0	32	2.9
16	0	31	.8	0	31	1.9
17	.06	31	1.3	0	37	2.4
18	.01	32	.8	.01	60	46
19	0	33	.9	0	45	9.1
20	0	33	.6	.28	40	2.1
21	0	32	1.3	0	36	1.7
22	.02	32	.6	0	33	2.0
23	.04	28	2.0	0	32	2.9
24	.30	33	4.1	0	32	2.7
25	0	33	2.4	0	32	4.9
26	0	33	1.5	0	32	1.5
27	.01	32	1.2	.28	32	2.2
28	0	32	1.2	.09	35	1.4
29	0	32	1.0	.06	271	1,980
30				0	162	710
31				0	75	69
Total	0.54		42.7	1.31		2,873.8
Mean		31.6			48.0	
Maximum		34			271	
Minimum		28			31	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

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Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1940	April			May		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	54	7.9	0	34	1.3
2	.46	68	69	0	34	2.0
3	.80	126	552	0	32	1.8
4	0	57	15	0	32	2.2
5	0	48	6.2	0	32	1.9
6	0	46	5.0	0	31	2.2
7	.04	48	6.5	.08	34	1.8
8	.30	50	8.5	.30	37	4.9
9	.01	45	2.7	0	32	2.0
10	0	47	6.2	0	32	1.3
11	.28	45	3.9	0	31	1.5
12	0	41	2.1	.01	31	1.4
13	0	40	1.9	0	31	1.5
14	0	40	1.8	.02	30	1.5
15	0	40	2.4	.15	33	1.8
16	0	38	1.8	.17	32	1.3
17	0	40	1.9	0	30	2.0
18	.20	41	2.4	0	33	1.0
19	.02	38	1.7	1.29	56	13
20	0	37	1.6	.37	42	3.4
21	0	37	1.2	0	36	2.7
22	0	36	1.4	0	34	1.5
23	0	37	2.6	0	33	2.4
24	.08	36	1.3	0	33	2.5
25	0	35	1.1	.06	33	1.2
26	0	34	2.0	0	32	1.5
27	0	34	1.5	.07	36	5.2
28	.01	34	1.7	.43	38	2.6
29	.25	40	3.7	0	33	6.8
30	.21	37	1.8	0	31	2.5
31				0	31	1.9
Total	2.66		718.8	2.95		80.6
Mean		45.0			33.8	
Maximum		126			56	
Minimum		34			30	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

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Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1940	June			July		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0	31	2.1	0	34	2.2
2	0	31	3.5	0	32	1.2
3	0	29	1.9	0	32	1.2
4	0	30	1.7	0	32	2.2
5	0	30	1.7	0	31	2.9
6	0	30	2.3	0	31	2.3
7	.01	38	21	0	31	1.8
8	.78	43	140	0	31	1.3
9	0	33	8.6	0	30	3.0
10	.09	33	3.5	0	31	3.2
11	0	31	4.6	1.31	53	23
12	.28	34	5.5	.20	36	8.3
13	0	32	5.3	0	32	2.5
14	0	31	6.3	0	31	3.3
15	0	29	1.7	0	31	1.7
16	0	29	5.2	0	29	1.8
17	0	28	3.8	0	29	1.7
18	.57	37	17	0	29	3.2
19	0	30	5.2	0	28	2.0
20	0	29	4.4	0	28	2.8
21	0	29	3.8	.01	28	3.6
22	.71	129	2,440	0	27	2.8
23	1.42	103	1,170	0	27	2.9
24	.87	92	396	0	27	3.4
25	.12	45	34	0	27	5.2
26	0	39	4.3	.07	29	6.5
27	0	38	4.4	.07	29	2.9
28	.57	45	16	0	34	7.5
29	.02	37	4.4	.66	32	4.0
30	0	36	3.8	0	28	2.7
31				0	27	3.3
Total	5.44		4,322.0	2.32		116.4
Mean		41.0			30.8	
Maximum		129			53	
Minimum		28			27	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

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Coon Creek at Coon Valley, Wis.
Drainage area, 77.2 square miles

1940	August			September		
Day	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)	Precipitation (inches)	Discharge (second-feet)	Suspended matter (tons per day)
1	0.02	51	900	0	38	1.7
2	2.98	496	14,600	0	36	2.3
3	.15	49	23	0	35	1.1
4	.08	41	10	0	34	1.1
5	.82	132	3,170	0	34	1.9
6	0	44	20	0	33	1.4
7	0	40	8.4	0	32	1.3
8	0	39	6.3	0	32	.9
9	0	37	5.0	.01	32	1.4
10	.04	38	4.2	.01	32	.6
11	.57	43	8.7	0	32	1.0
12	0	38	2.8	0	32	1.0
13	.15	38	2.4	0	32	1.6
14	.01	427	21,800	0	31	.8
15	1.63	61	203	0	31	1.3
16	.01	45	20	0	31	.9
17	0	101	1,750	0	30	.8
18	.87	63	113	0	30	.9
19	0	42	10	0	30	.6
20	0	39	4.5	0	30	3.2
21	0	40	12	0	30	1.1
22	.23	43	14	0	30	2.0
23	0	37	2.5	0	30	1.5
24	.03	35	2.3	.05	30	2.9
25	.30	40	3.3	0	30	2.2
26	.14	40	2.6	0	30	1.9
27	.23	42	3.2	0	30	1.3
28	.30	45	6.4	0	30	1.4
29	.01	40	5.0	0	32	1.5
30	.17	41	4.9	0	32	1.6
31	.07	39	3.4			
Total	8.81		42,720.9	0.07		43.2
Mean		74.4			31.7	
Maximum		496			38	
Minimum		35			30	

La Crosse

Precipitation is for 24-hour period ending at 8 a.m.

129540

Silt load & gaging station discontinued Sept 30, 1940

Table and work sheets

Accumulated Rainfall and Runoff

Coon Creek at Coon Valley and Little La Crosse River at Leon, Wis.

April 1934 to September 1940

Coon Creek at Coon Valley, Wis. ____

Little La Crosse River at Leon, Wis. ....

U.S. Geological Survey

Prepared December 1953

Rainfall

Runoff

Rainfall and Runoff in inches

0 20 40 60 80 100 120 140 160 180 200

DEC. JAN. FEB. MAR. APR. MAY JUN. JUL. AUG. SEP. OCT. NOV.

19 34 | 19 35 | 19 36 | 19 37 | 19 38 | 19 39 | 19 40 | 19 | 19 | 19

Accumulated Suspended Matter in Tons Passing Gage

400,000

300,000

200,000

100,000

0

Coon Creek at Coon Valley, Wis. - 77.2 square Miles Drainage Area (Treated for Erosion Control)

Coon Creek near Stoddard, Wis.

Little LaCrosse River at Leon, Wis. - 77.1 Square Miles Drainage Area (No Erosion Treatment)

DEC. JAN. FEB. MAR. APR. MAY JUN. JUL. AUG. SEP. OCT. NOV. DEC.

19 34 | 19 35 | 19 36 | 19 37 | 19 38 | 19 39 | 19 40 | 19 | 19 | 19

Accumulated Suspended Matter
Coon Creek at Coon Valley - Little LaCrosse River at Leon, Wis.
Coon Creek near Stoddard, Wis.
April 1934 to September 1940
U.S. Geological Survey
Prepared December 1953

PH 13
12/4/53

Progress of Treatment to Reduce Erosion and Floods in Watershed area above Coon Valley Wis

			% of total
(Total watershed area		49,408 acres)	
1934	Treatment completed on	3763 acres	7.6%
1935	do	9735	19.7
1936	do	15123	30.6
1937	do	20154	40.7
1938	do	21032	42.5
1939	do	21081	42.6
1940	do	21081	42.6

Precipitation and Runoff - inches - cumulative

	Coon Valley			Leon		
	Run-off	%	Precipitation	Run-off	%	Precipitation
1934	5.13	18.7	27.37	5.14	18.2	28.00
35	13.37	21.3	62.74	14.14	22.2	63.63
36	20.18	23.5	85.78	21.01	24.6	85.55
37	26.53	22.2	111.96	27.67	25.5	108.47
38	34.82	23.0	151.10	37.08	25.0	148.49
39	41.58	24.2	171.46	43.82	26.1	167.56
40	46.94	23.9	196.26	49.09	25.4	193.61

Leon 7/1/37-40

	68	*
	98	
	166	S
	369	
	535	S
	550	
	1,085	S
	167	
	1,252	S
	621	
	1,873	*
	1,873	
	211	
	2,084	S
	605	
	2,689	S
	111	
1934	2,800	S
	185	
	2,985	S
	64	
	3,049	S
	164	
	3,213	S
	379	
	3,592	S
	472	
	4,064	S
	366	
	4,430	S
	418	
	4,848	S
	817	
	5,665	S
	230.7	
	~~5,895.7~~	~~S~~
	5,895.7	*
	5,665	
	237	
	5,902	S
	226	
	6,128	S
	174	
	6,302	S
	61	
1935	6,363	S
	59	
	6,422	S
	170	
	6,592	S
	177	
	6,769	S
	54	
	6,823	S
	276	
	7,099	S
	239	
	7,338	S
	72	
	7,410	S
	302	
	7,712	S
	449	
	8,161	S
	180	
	8,341	S
	90	
	8,431	S
	124	
1936	8,555	S
	201	
	8,756	S
	159	
	8,915	S
	58	
	8,973	S
	257	
	9,230	S
	307	
	9,537	S
	332	
	9,869	S
	43	
	9,912	S
	161	
	10,073	S
	246	
	10,319	S
	364	
	10,683	S
	130	
	10,813	S
	34	
1937	10,847	S
	109	
	10,956	S
	151	
	11,107	S
	239	
	11,346	S
	295	
	11,641	S
	468	
	12,109	S
	443	
	12,552	S
	414	
	12,966	S
	585	
	13,551	S
	912	
	14,463	S
	61	
	14,524	S
	243	
	14,767	S
	82	
1938	14,849	S
	90	
	14,939	S
	138	
	15,077	S
	60	
	15,137	S
	228	
	15,365	S
	182	
	15,547	S
	292	
	15,839	S
	134	
	15,973	S
	433	
	16,406	S
	120	
	16,526	S
	130	
	16,656	S
	62	
	16,718	S
	38	
1939	16,756	S
	55	
	16,811	S
	61	
	16,872	S
	139	
	17,011	S
	339	
	17,350	S
	313	
	17,663	S
	584	
	18,247	S
	190	
	18,437	S
	893	
	19,330	S
	31	
1940	19,361	S

Standard 5,6,24,25,27,28,29,30
Recorder 7,11,12,23,26

9-230

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington _____ / District _____

Little La Crosse - Precipitation - Inches monthly all stations

No.		Jan.	Feb	Mar	Virogua Apr	Virogua May	June	July	Aug	Sept	Oct	Nov	Dec
5	1934				.68	.98	3.69	5.50	1.68	6.77	2.27	6.81	1.36
6									1.61	5.87	2.18	6.47	1.01
7									1.58	5.29	1.84	5.12	1.11
11									1.80	6.92	2.16	5.81	.95
									2.67	24.85	8.45	24.21	4.43
									1.67	6.21	2.11	6.05	1.11
					.68	1.66	5.35	10.85	12.52	18.73	20.84	26.89	28.00
5	1935	1.95	1.01	1.69	3.80	4.73	4.00	3.79	9.29	2.44	2.19	2.09	0.70
6		1.63	.57	1.58	4.41	4.64	3.91	4.01	8.60	2.53	2.22	1.52	.72
7		—	.61	1.90	3.57	4.69	3.67	4.08	7.88	2.21	2.40	1.68	.50
11		1.96	.35	1.38	3.38	4.81	3.07	4.83	6.90	2.29	2.22	1.69	.53
		5.54	2.54	6.55	15.16	18.87	14.25	16.71	32.67	9.47	9.63	6.98	2.45
	Ave	1.85	.64	1.64	3.79	4.72	3.66	4.18	8.17	2.37	2.26	1.74	.61
		29.85	30.49	32.13	35.92	40.64	44.30	48.48	56.65	59.02	61.28	63.02	63.63
5	1936	0.60	—	1.76	0.65	2.85	2.38	1.06	2.91	4.51	1.98	1.00	1.30
6		.65	2.01	1.82	52	3.07	2.28	.76	3.26	4.63	1.90	.85	1.23
7		.57	1.82	1.72	.60	2.66	1.93	.59	2.99	4.60	1.62	.93	1.18
11		.54	1.27	1.78	.41	2.46	2.97	.51	2.91	4.22	1.70	.83	1.26
		2.36	5.10	7.08	2.18	11.04	9.56	2.86	12.07	17.96	7.20	3.61	4.97
	Ave	.59	1.70	1.77	.54	2.76	2.39	.72	3.02	4.49	1.80	.90	1.24
		64.22	65.92	67.69	68.23	70.99	73.38	74.10	77.12	81.61	83.41	84.31	85.55
5	1937	2.58	1.74	0.57	3.15	3.07	3.43	1.03	3.62	2.60	3.76	1.34	0.38
6		1.95	1.75	.64	2.40	3.12	3.25	.31	3.60	2.66	3.86	1.37	.44
7		1.59	1.83	.60	2.82	3.24	3.06	.16	2.76	2.31	3.68	1.50	.22
11		1.91	1.02	.51	1.91	2.85	3.53	.16	3.65	2.25	3.25	.99	.31
		8.03	6.34	2.32	10.28	12.28	13.27	1.66	6.43	9.82	14.55	5.20	1.35
	Ave	2.01	1.59	.58	2.57	3.07	3.32	.43	1.61	2.46	3.64	1.30	.34
		87.56	89.15	89.73	92.30	95.37	98.69	99.12	100.73	103.19	106.83	108.13	108.47
5	1938	1.26	1.97	2.89	3.27	4.82	4.44	4.41	5.93	8.89	0.84	2.81	0.87
6		1.16	1.64	2.28	2.93	4.82	4.62	3.19	6.26	9.02	.61	2.96	.91
7		1.07	1.17	2.09	2.83	4.57	3.62	4.52	4.84	10.32	.56	2.24	.74
11		.85	1.27	2.28	2.84	4.11	4.95	4.31	5.27	8.47	.55	1.70	.76
12						5.07	4.53	4.27	6.96	8.88	.51	—	—
		4.34	6.05	9.54	11.87	23.39	22.16	20.70	29.26	45.58	3.97	9.71	3.28
	Ave	1.09	1.51	2.39	2.95	4.68	4.43	4.14	5.85	9.12	.67	2.43	.82
		109.56	111.07	113.46	116.41	121.09	125.52	129.66	135.51	144.63	145.24	147.67	148.49

U. S. GOVERNMENT PRINTING OFFICE 16—48721-1

9-230

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington _____ / District _____

Little La Crosse – Precipitation – Inches monthly all stations

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1939	1.05	1.56	0.58	2.72	1.68	3.10	1.34	5.43	1.36	1.41	0.48	0.40
6	.91	1.35	.68	2.10	1.95	3.02	1.19	4.93	1.24	1.45	.65	.43
7	.86	1.33	.68	2.30	1.83	2.85	1.46	3.88	1.05	1.38	.58	—
11	.79	1.26	.47	2.07	1.56	2.96	1.11	3.28	.80	1.21	—	.25
12	—	—	—	1.97	1.87	2.24	1.38	4.13	1.10	1.14	—	—
23				2.09	1.44	3.03	2.12	4.05	1.29	1.23	.67	—
24				2.59	1.94	2.69	1.37	4.96	1.80	1.41	.86	.39
25				2.31	2.26	2.12	1.65	5.15	1.77	1.42	.75	.35
26				2.31	2.02	2.66	1.06	4.70	1.06	1.09	.61	.35
27				2.37	2.09	4.00	1.34	3.87	1.22	1.24	.64	.50
28				2.58	1.46	3.29	1.25	4.45	1.16	1.35	.55	.34
29				2.14	2.20	3.29	1.01	4.04	.97	1.28	.40	.43
30				2.11	1.36	2.65	1.08	3.44	.84	1.35	.62	.37
Ave.	3.61 .90	5.50 1.38	2.41 .60	29.66 2.28	23.66 1.82	37.90 2.92	17.36 1.34	56.31 4.33	15.66 1.20	16.96 1.30	6.81 .62	3.81 .38
	149.39	150.77	151.37	153.65	155.47	158.39	159.73	164.06	165.26	166.56	167.18	167.56
1940	0.53	0.72	1.62	3.72	3.71	6.08	2.27	11.87	0.23			
6	.79	.59	1.33	3.26	3.00	5.82	2.00	9.78	.15			
7	.62	.54	1.50	3.46	2.91	6.04	1.73	8.69	.07			
11	.29	.50	1.07	2.86	2.80	6.08	1.96	8.53	.24			
12		—	—	—	3.16	6.20	1.67	7.33	.76			
23		—	—	—	2.60	5.35	1.46	7.67	.00			
24	.56	.64	1.35	3.65	2.66	5.12	1.77	8.28	.20			
25	.79	.85	1.51	3.61	3.10	6.04	1.94	8.60	.46			
26	.51	.60	1.43	3.42	—	4.78	1.72	10.30	.07			
27	.34	.66	1.18	3.58	3.89	6.05	1.99	7.51	.03			
28	—	—	1.95	3.80	3.86	5.84	2.23	10.64	.31			
29	.65	.61	1.36	3.10	3.16	6.77	1.87	8.91	.84			
30	.37	.38	0.97	2.85	2.69	5.71	2.03	8.00	.43			
Ave.	5.45 .55	6.11 .61	15.27 1.39	37.31 3.39	37.54 3.13	75.88 5.84	24.64 1.90	116.11 8.93	3.99 .31			
	168.11	168.72	170.11	173.50	176.63	182.47	184.37	193.30	193.61			

U. S. GOVERNMENT PRINTING OFFICE 16—48721-1

RHD

Dan's Creek
Plain Hill 1934-40

Closed
All
12-18-52

68		
98		
1,666		S
377		
543		S
628		
1,171		S
199		
1,370		S
542		
1,912		S
202		
2,114		S
529		
2,643		S
94		
2,737		S
198		
2,935		S
54		
2,989		S
180		
3,169		S
312		
3,481		S
438		
3,919		S
387		
4,306		S
497		
4,803		S
747		
5,550		S
223		
5,773		S
245		
6,018		S
194		
6,212		S
62		
6,274		S
63		
6,337		S
125		
6,462		S
183		

1937

1940

1938

1936

1934

1935

Standard 1, 2

9-230 Recorder 7, 8, 9, 13, 14, 17, 18, 19, 20, 21, 22

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington ____ District ____

Coon Valley - Precipitation - Inches monthly, all stations.

		Jan.	Feb.	Mar	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1934				6.68	0.98	4.34	6.52	1.69	6.33	2.20	—	—
2							3.43	6.11	2.36	5.17	2.03	6.23	1.19
7									1.58	5.29	1.84	5.16	1.11
8									2.31	5.03	1.98	4.63	0.63
9							3.53	6.09	1.99	5.30	2.06	5.16	0.83
	Ave.						11.30 / 3.77	18.85 / 6.26	7.43 / 1.99	27.12 / 5.42	10.11 / 2.02	21.18 / 5.29	3.76 / .94
					0.68	1.66	5.43	11.71	13.70	19.12	21.14	26.43	27.37
1	1935	2.22	0.55	1.48	3.38	4.57	4.01	4.48	8.85	2.66	3.19	2.15	0.65
2		1.88	.85	2.20	3.10	4.88	4.02	4.84	7.59	2.06	2.31	2.10	.82
7		—	.61	1.90	3.57	4.69	3.67	4.08	7.88	2.21	2.48	1.68	.50
8		—	.32	1.56	2.74	3.77	3.89	6.39	6.75	1.89	1.84	1.79	.48
9		1.84	.35	1.87	2.90	3.99	3.76	5.05	6.27	2.35	2.49	1.97	.63
	Ave.	5.94 / 1.98	2.68 / .54	9.81 / 1.80	15.61 / 3.12	21.90 / 4.38	17.25 / 2.87	24.84 / 4.97	37.34 / 7.47	11.17 / 2.23	12.23 / 2.45	9.69 / 1.94	3.98 / .62
		29.35	29.89	31.69	34.81	39.19	43.06	48.03	55.50	57.73	60.18	62.12	62.74
1	1936	0.75	—	1.90	0.80	4.13	2.09	0.75	3.07	4.67	1.94	0.97	1.51
2		.68	—	2.06	.84	3.89	2.16	.62	3.22	5.16	2.37	.99	1.38
7		.57	1.82	1.72	.60	2.66	1.93	.59	2.99	4.60	1.62	.93	1.18
8		.53	.88	1.72	.56	3.92	1.98	.66	3.46	4.19	2.48	.84	1.29
9		.50	1.06	1.76	.85	3.41	1.59	.73	3.44	5.41	2.07	.89	1.26
	Ave.	3.13 / .63	3.76 / 1.25	9.16 / 1.83	3.65 / .93	18.01 / 3.60	9.75 / 1.95	3.35 / .67	16.18 / 3.24	24.03 / 4.81	10.48 / 2.10	4.62 / .92	6.53 / 1.31
		63.37	64.62	66.45	67.15	72.78	72.73	73.49	76.64	81.45	83.55	84.47	85.78
1	1937	1.73	1.08	2.29	2.26	3.59	3.38	0.51	3.32	1.79	4.12	1.02	0.44
2		2.57	2.24	.76	2.79	3.61	3.40	.67	3.15	2.51	3.97	1.40	.47
7		1.57	1.83	.60	2.82	3.24	3.06	.16	2.76	2.31	3.68	1.50	.22
8		1.31	1.14	.25	2.65	3.59	3.02	.41	2.83	2.19	3.64	1.17	.43
9		1.91	1.10	.31	2.44	3.08	3.37	.17	2.69	1.62	3.73	1.23	.42
	Ave.	9.13 / 1.83	7.39 / 1.48	2.21 / .74	12.90 / 2.58	17.11 / 3.70	16.23 / 2.25	1.92 / .38	14.75 / 3.69	10.42 / 2.08	19.14 / 3.83	6.32 / 1.26	1.98 / .40
		87.61	89.99	92.23	[illegible]	97.81	101.06	[illegible]	[illegible]	105.47	110.30	111.56	[illegible]
1	1938	0.74	1.31	2.48	3.37	5.66	4.75	4.78	5.17	8.53	0.91	2.78	1.06
2		1.31	1.34	2.62	2.60	5.61	4.45	4.82	4.99	8.43	.67	3.05	1.25
7		1.07	1.17	2.09	2.83	4.57	3.62	4.52	4.84	10.32	.56	2.24	.74
8		1.03	.93	2.22	2.56	4.83	3.95	3.23	5.05	9.55	.35	1.68	.84
9		.81	.84	2.26	2.24	5.18	4.51	3.67	4.34	8.14	.54	2.65	.97
13					3.34	4.96	4.27	4.97	4.88	8.80	1.60	2.53	—
14		11.45	11.07	11.41	12.54	4.88	4.72	4.40	4.95	9.70	.40	2.24	—
	Ave.	4.96 / .99	5.59 / 1.12	11.67 / 2.34	14.48 / 2.78	5.10	4.32	4.62	4.89	9.04	.58	17.17 / 2.45	4.87 / .91

9-230

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington ____ District ____

Coon Valley – Precipitation – Inches monthly, all stations.

		Jan.	Feb.	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov	Dec
1	1939	1.32	1.34	0.35	2.02	2.38	3.21	1.82	5.21	1.18	1.65	0.59	0.52
2		1.07	1.57	.58	2.06	2.10	4.37	1.79	4.58	1.28	1.50	.77	.53
(7)		.86	1.33	.68	2.30	1.83	2.85	1.46	3.88	1.05	1.38	.58	—
(8)		.79	1.21	.52	2.10	1.47	3.28	1.49	4.96	.96	—	.80	.43
(9)		1.05	1.48	.38	2.14	1.97	3.19	1.71	5.02	1.01	1.49	—	.47
(13)		—	—	—	2.21	1.69	2.92	1.43	4.93	1.22	1.25	.60	
(14)		—	—	—	2.09	1.88	2.61	2.21	4.79	1.06	1.11	.74	
(17)					2.07	1.54	3.54	1.47	3.74	1.68	1.38	.86	
(18)					2.21	1.70	3.48	1.93	4.23	1.07	1.33	.71	
(19)					2.04	2.18	4.85	2.07	4.81	1.35	1.41	.65	
(20)					1.99	1.32	3.78	1.92	5.67	1.34	1.40	.60	
21					2.16	2.32	3.06	[illegible]	5.37	1.21	1.54	.70	.45
(22)					1.93	1.83	2.56	3.35	4.37	1.05	1.38	.92	
	Ave.	5.09 1.02	6.95 1.39	2.49 .50	27.32 2.10	24.21 1.86	43.70 3.36	24.85 1.91	61.56 4.44	15.46 1.19	16.82 1.40	6.52 .71	2.40 .48
		152.12	153.51	154.01	156.11	157.97	161.33	[illegible]	[illegible]	168.87	170.27	170.98	171.46
1	1940	0.27	0.48	0.98	3.11	3.24	4.23	2.39	12.33	0.10			
2		.61	.66	1.56	3.17	3.14	5.43	2.45	8.82	.11			
7		.12	.54	1.50	3.43	2.91	6.04	1.73	8.69	.07			
8		.35	.48	1.15	3.05	2.21	5.90	1.80	6.45	.06			
9		.47	.54	1.11	2.55	3.41	5.04	2.37	8.00	.10			
13					3.05	3.13	6.44	2.76	12.11	.10			
14					2.21	2.86	5.93	1.54	7.71	.03			
17					2.68	2.54	6.82	1.86	6.88	.02			
18					—	2.94	5.31	2.84	11.37	.06			
19					—	3.03	5.19	2.54	9.75	.03			
20					—	3.20	4.86	2.79	8.44	.14			
21		.15	.61	1.47	3.18	3.10	4.93	2.47	7.57	.13			
22		—	—	—	2.11	2.70	5.19	2.32	7.42	.02			
	Ave.	3.03 .51	3.28 .55	7.77 1.30	27.63 2.76	38.41 2.95	71.36 5.49	29.86 2.29	115.48 8.88	.97 .07			
		171.97	172.52	173.82	176.58	179.53	185.02	187.31	196.19	196.26			

U. S. GOVERNMENT PRINTING OFFICE 16—48721-1

Run off
Leon 1934-40

April 1934 — 1,05 A
34
139 M s
41
checked W.L.J. 12-17-53 — 180 J s
75
255 J s
33
288 A s
52
340 S s
47
387 O s
70
457 N s
54
1934 511 D s
41
1935 552 J s
39
591 F s
122
713 M s
77
790 A s
95
885 M s
59
944 J s
72
1,016 J s
190
1,206 A s
51
1,257 S s
55
1,312 O s
53
1,365 N s
49
1935 1,414 D s
44
1936 1,458 J s
43
1,501 F s
178
1,679 M s
62
1,741 A s
56
1,797 M s
46
1,843 J s
38
1,881 J s
37
1,918 A s
47
1,965 S s
45
2,010 O s
45
2,055 N s
46
1936 2,101 D s
43
1937 2,144 J s
51
2,195 F s
120
2,315 M s
81
2,396 A s
61
2,457 M s
54
2,511 J s
38
2,549 J s
40
2,589 A s
38
2,627 S s
51
2,678 O s
47
2,725 N s
42
1937 2,767 D s
45
1938 2,812 J s
101
2,913 F s
93
3,006 M s
62
3,068 A s
75
3,143 M s
70
3,213 J s
71
3,284 J s
80
3,364 A s
164
3,528 S s
58
3,586 O s
68
3,654 N s
54
1938 3,708 D s
61
1939 3,769 J s
50
3,819 F s
127
3,946 M s
74
4,020 A s
51
4,071 M s
48
4,119 J s
40
4,159 J s
49
4,208 A s
40
4,248 S s
44
4,292 O s
45
4,337 N s
45
1939 4,382 D s
40
1940 4,422 J s
41
4,463 F s
70
4,533 M s
73
4,606 A s
52
4,658 M s
59
4,717 J s
41
4,758 J s
107
4,865 A s
44
4,909 S s

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington _____ / District _____

Lean - Runoff in inches.

Water Year		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Calendar Year
	1934							1.05	.34	.41	.75	.33	.52	
9.17	1935	.47	.70	.54	.41	.39	1.22	.77	.95	.59	.72	1.90	.51	9.03
7.08	1936	.55	.53	.49	.44	.43	1.78	.62	.56	.46	.38	.37	.47	6.87
6.62	1937	.45	.45	.46	.43	.51	1.20	.81	.61	.54	.38	.40	.38	6.66
9.01	1938	.51	.47	.42	.45	1.01	.93	.62	.75	.70	.71	.80	1.64	9.41
7.20	1939	.58	.68	.54	.61	.50	1.27	.74	.51	.48	.40	.49	.40	6.74
6.61	1940	.44	.45	.45	.46	.41	.70	.73	.52	.59	.41	1.07	.44	

U. S. GOVERNMENT PRINTING OFFICE 16—48721-1

Runoff
Coon Valley - 1934-40

checked
N.L.J.
12-17-53

	127	A	
	36		
	163	M	S
	45		
	208	J	S
	79		
	287	J	S
	37		
	324	A	S
	48		
	372	S	S
	43		
	415	O	S
	52		
	467	N	S
	46		
	513	D	S
	39		
1935	552	J	S
	36		
	588	F	S
	89		
	677	M	S
	59		
	736	A	S
	70		
	806	M	S
	58		
	864	J	S
	80		
	944	J	S
	191		
1,	135	A	S
	51		
1,	186	S	S
	52		
1,	238	O	S
	52		
1,	290	N	S
	47		
1,	337	D	S
	44		
1936	1, 381	J	S
	44		
1,	425	F	S
	157		
1,	582	M	S
	60		
1,	642	A	S
	60		
1,	702	M	S
	47		
1,	749	J	S
	40		
1,	789	J	S
	41		
1,	830	A	S
	49		
1,	879	S	S
	47		
1,	926	O	S
	46		
1,	972	N	S
	46		
2,	018	D	S
	44		
1937	2, 062	J	S
	52		
2,	114	F	S
	99		
2,	213	M	S
	68		
2,	281	A	S
	58		
2,	339	M	S
	52		
2,	391	J	S
	42		
2,	433	J	S
	42		
2,	475	A	S
	40		
2,	515	S	S
	49		
2,	564	O	S
	46		
2,	610	N	S
	43		
2,	653	D	S
	46		
1938	2, 699	J	S
	69		
2,	768	F	S
	73		
2,	841	M	S
	55		
2,	896	A	S
	67		
2,	963	M	S
	58		
3,	021	J	S
	75		
3,	096	J	S
	64		
3,	160	A	S
	152		
3,	312	S	S
	57		
3,	369	O	S
	60		
3,	429	N	S
	53		
3,	482	D	S
	60		
1939	3, 542	J	S
	49		
3,	591	F	S
	99		
3,	690	M	S
	66		
3,	756	M	S
	56		
3,	812	M	S
	53		
3,	865	J	S
	49		
3,	914	J	S
	56		
3,	970	A	S
	44		
4,	014	S	S
	49		
4,	063	O	S
	47		
4,	110	N	S
	48		
4,	158	D	S
	43		
1940	4, 201	J	S
	44		
4,	245	F	S
	72		
4,	317	M	S
	65		
4,	382	A	S
	50		
4,	432	M	S
	59		
4,	491	J	S
	46		
4,	537	J	S
	111		
4,	648	A	S
	46		
4,	694	S	S
	4, 694		*

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington _____ / District _____

Coon Valley – Run off in inches

Water year		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Calendar year
	1934				1.27"	.36"	.45"	.79"	.37"	.48"	.43"	.52"	.46"	
8.14	1935	.39"	.36"	.89"	.59"	.70"	.58"	.80"	1.91"	.57"	.52"	.52"	.47"	8.24
6.93	1936	.44"	.44"	1.57"	.60"	.60"	.47"	.40"	.41"	.49"	.47"	.46"	.46"	6.81
6.36	1937	.44"	.52"	.99"	.68"	.58"	.52"	.42"	.42"	.40"	.49"	.46"	.43"	6.35
7.97	1938	.46"	.69"	.73"	.55"	.67"	.58"	.75"	.64"	1.52"	.57"	.60"	.53"	8.29
7.02	1939	.60"	.49"	.99"	.66"	.56"	.53"	.49"	.56"	.44"	.49"	.47"	.48"	6.76
6.80	1940	.43"	.44"	.72"	.65"	.50"	.59"	.46"	1.11"	.46"				

U. S. GOVERNMENT PRINTING OFFICE 16—48721-1

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington ..... District .....

GPO 6—9333

Monthly and accumulated Silt load in Tons

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov.	Dec
Little La Crosse - Leon												
1934				14246.1	56.1	11164.8	18962.3	86.1	1700.3	793.1	1359.3	131
accumulated				14246.1	14302.2	25467	44429	44515	46216	47009	48368	48499
1935	87.2	76.2	5869.1	15296.3	20625.1	1447.9	12011.8	32790.2	854.4	1971.0	279.9	175.3
Accum	48586	48662	54532	69828	90453	91901	103913	136703	137557	139528	139808	139984
1936	72.1	99.0	20128.4	361.3	1208.4	485.2	136.4	311.4	822.9	80.5	99.1	661.3
Accum	140056	140155	160283	160644	161853	162338	162474	162786	163609	163689	163788	164450
1937	98.5	425.7	5127.6	1702.6	284.6	4130.1	152.5	703.4	196.3	361.6	561.1	59.9
Accum	164548	164974	170101	171804	172088	176218	176371	177074	177271	177632	178194	178253
1938	191.5	3720.4	2228.2	4044.8	5005.1	7366.0	6234.2	4468.1	9005.1	119.5	344.8	95.7
	178445	182165	184394	188438	193443	200809	207044	211512	220517	220636	220981	221077
1939	1250.2	383.6	9681.0	1076.5	317.5	504.6	207.5	949.2	165.3	75.8	83.1	78.3
	222327	222711	232392	233468	233786	234290	234498	235447	235612	235688	235771	235849
1940	53.7	59.8	2003.6	3870.4	488.0	5251.8	198.7	8405.9	89.7			
	235903	235963	237966	241837	242325	247577	247775	256181	256271			
Coon Creek - Coon Valley												
1934				52.5	35.0	18857.4	62497.8	91.7	1187.4	168.6	348.2	94.2
				52	87	18944	81443	81534	82724	82890	83238	83338
1935	88.9	71.4	4429.6	3047.1	5147.8	1082.4	33652.8	110580.5	89.6	100.1	53.6	43.1
	83421	83493	87928	90981	96118	97200	130853	241433	241523	241623	241676	241719
1936	28.9	33.1	26764.0	140.3	8968.0	87.4	68.7	56.9	208.7	35.7	33.1	186.7
	241748	241781	268545	268685	277654	277746	277810	277866	278075	278111	278144	278331
1937	44.5	225.4	5304.6	145.8	665.9	1096.7	99.5	80.1	55.5	46.6	66.7	40.0
	278375	278601	283905	284052	284717	285814	285913	285993	286049	286095	286162	286202
1938	55.0	1084.3	802.5	89.4	1435.5	821.4	27339.5	4935.1	29586.9	44.8	102.2	68.0
	286259	287341	288144	288233	289669	290490	317830	322765	351362	352406	352509	352577
1939	843.5	150.7	6165.3	218.3	148.1	1818.0	1093.0	4300.7	58.7	25.6	35.6	42.2
	66.0	843.5	150.7	6165.3	218.3	148.1	1818.0	10930	4300.7	58.7	25.6	3
	353426	353571	359736	359954	360102	361926	363014	367314	367373	367398	367434	367476
1940	19.7	42.7	2873.8	718.8	80.6	4322.0	116.4	42720.9	43.2			
	367496	367539	370413	371131	371212	375534	375650	418371	418418			

Acc. 1940

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington ..... / District .....

GPO 6—9333

	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec
Coon Creek near Stoddard Wis												
1934				322.7	191.2	12292.3	60136.5	497.5	2404.8	853.1	1057.9	251.1
				322.7	513.9	12806.2	72942.7	73440.2	75845.9	76698.1	77756.0	78007
1935	146.9	156.0	100859	2487.5	12306	1982	39127	64358.6	9832.4	729.2	416.8	304.2
	78154	78310	88396	90883	103189	105171	144298	208657	218489	219219	219635	219946
1936	262.9	99.0	39783.1	787	6664	409.2	411.8	673.5	1033.3	298.1	240.7	389.8
	220202	220302	260085	260872	261536	261945	268357	269030	270063	270362	270602	270992
1937	153.1	534.7	9511.8	930.7	610.5	2380	515.1	453.2	220.9	258.4	180.5	191.7
	271145	271680	281192	282122	282733	285113	285628	286081	286302	286560	286741	286933
1938	368.9	2890.9	1494	367.6	1664.0	5388						
	287302	290192	291686	292054	293718	299106						

Coon Creek - Coon Valley - 77.2 sq mi.

6½ years record — 418,414 Tons.

= 64,400 Tons per year

$\frac{64,400}{77.2} = 833.5$ tons/year/sq.mi.

$\frac{833.5}{6140} = .13.0^{3}$ Tons/year/acre.

$13.0^{3} \times 2000 = 26,0^{4}$ lbs/year/acre

$\frac{26,0^{4}0}{43,560} = .0598$ lbs/year/sq ft.

@ 120 lbs per cu ft this would be $\frac{.0598}{120} = .0005$ ft/yr

$= .006$ inch/yr.

$= 1/160$ inch/yr.

1 foot in 160 yrs / inch in 1992

Little LaCrosse above Leon 77.1 sq mi.

$= \frac{77.1}{77.2} \times \frac{256271}{418414} \times .006 = .00367$ inch/yr

$= 1/272$ inch/yr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON

I, _____, being (about to become) an employee of the Department of the Interior, to be paid from funds appropriated in the Interior Department Appropriation Act for the fiscal year 1942, approved June 28, 1941, upon my honor state that: (1)* I am a citizen of the United States; (2)* I was an employee of the United States on June 28, 1941, am eligible for citizenship, and have filed a declaration of intention within seven years next preceding that date. I was born at _____ (Place), on _____ (Date)

_____ (Date) _____ (Signature)

I hereby certify that the foregoing statement is true and correct to the best of my information and belief.

_____ (Date) _____ (Superior Officer)

* Only one of the numbered assertions in the statement is to be used; the other should be deleted.

Sears

Sears 4/2/34 5400 Tons 24hrs

4/3/34 7920

6/26/34 8720

7/6/34 12900

4/27/35 10800

5/12/35 13500

7/5/35 5120

8/2/35 6430

8/6/35 19500

3/23/36 7360

91450

256 271

= 38%

in 10 days

Coos Valley

6/26/34 14400 Tons 24hrs

7/5/34 12000

7/6/34 9700

7/26/34 35000

7/5/35 24900

7/27/35 6130

8/2/35 52700

8/3/35 20300

8/6/35 36800

3/10/36 7600

3/23/36 13500

5/9/36 8700

7/2/38 24700

9/6/38 7660

9/10/38 16100

8/2/40 14600

8/14/40 21800

326590

$\frac{326590}{418414}$ = 78% in 17 days.

$\frac{293800}{418,414}$ = 70% in 12 days

ACCUMULATED SUSPENDED MATTER IN TONS, PASSING GAGE

400,000
300,000
200,000
100,000

0 7.6 19.7 30.6 40.7 42.5 92.6

% of treatment Completed

50 40 30 20 10

Inches in inches

100 80 60 40 20 0

For 6½ years suspended matter went down Coon Creek at an average rate of 1/165 inch per year over DA
1" in 160 yrs
1 ft in 1920 yrs

Coon Valley

Leon

Coon Valley Runoff

Leon

Coon Creek near Stoddard, Wis. (119 sq. mi)

Coon Creek at Coon Valley, Wis. (77.0 sq mi)

Little LaCrosse River near Leon, Wis. 77.1 sq. mi.

Little LaCrosse - Leon
1/270 inch per year over DA
1" in 270 yrs
1 ft in 3240 yrs.

6½ years

J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S

1934 1935 1936 1937 1938 1939 1940