

903R87111

SUB-BASIN TABULATION OF RIVER MILE INDEXES

Susquehanna River Basin

U. S. Department of Health, Education and Welfare
Public Health Service
Chesapeake Bay-Susquehanna River Basins Project
Region III
Charlottesville, Virginia

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The attached tabulations are to be used to facilitate the establishment of River Mile Indexes for points of interest without the need for joining together a number of the indexing maps. In other words, to establish the complete index number could require following a stream across several sheets to its confluence with the base river to obtain confluence indexes and mileages. The tabulations contain mileages, levels, and indexes for streams in the Susquehanna River Basin, and were prepared to eliminate most of the problems of transferring from map to map.

Before attempting to utilize the system, it must be noted that the index numbers found on the maps are preceded by a single digit prefix. This prefix indicates the level of stream. The numbers in parenthesis appearing after or below the indexes indicate miles to mouth of stream.

The following example illustrates the use of the tabulations and the River Mile Indexing System. To index a fictitious bridge crossing, Clover Creek of the Frankstown Branch of the Juniata River, the following sequence is used.

Example:

1. River System - 0212001 - Identifies Susquehanna River Basin.
2. Miles on Base River - 84.50 - Identifies miles up Susquehanna to confluence with Juniata River.
3. Second Level Index - 001450 - Identifies index of Susquehanna - Juniata confluence.
4. Second Level Miles - 101.60 - Identifies miles up Juniata to confluence with Frankstown Branch.
5. Third Level Index - 02010 - Identifies index of Juniata - Frankstown Branch confluence.
6. Third Level Miles - 15.80 - Identifies miles up Frankstown Branch to confluence with Clover Creek.
7. Fourth Level Index - 0250 - Identifies index of Frankstown Branch - Clover Creek confluence.
8. Fourth Level Miles - 3.10 - Identifies miles up Clover Creek to the bridge, as measured from the index map.

The resulting index is shown below on an IBM card. This type of card is utilized for computer retrieval of information concerning this point as presented in "A River Mile Indexing System for Computer Applications in Storing and Retrieving Data".

LOCATION CODE SERIAL	RIVER SYSTEM		MILES ON BASE RIVER	SECOND LEVEL		THIRD LEVEL		FOURTH LEVEL		FIFTH LEVEL		SIXTH LEVEL		SEVENTH LEVEL		EIGHTH LEVEL
				INDEX	MILE	INDEX	MILE	INDEX	MILE	INDEX	MILE	INDEX	MILE	INDEX	MILE	
000000	M	M	000000	000	00	00	00	00	00	00	00	00	00	00	00	00
111111			111111	111	11	11	11	11	11	11	11	11	11	11	11	11
222222	J	N	222222	222	22	22	22	22	22	22	22	22	22	22	22	22
333333	O	C	333333	333	33	33	33	33	33	33	33	33	33	33	33	33
444444	R	R	444444	444	44	44	44	44	44	44	44	44	44	44	44	44
555555	NUMBER WITHIN MINOR BASIN		555555	555	55	55	55	55	55	55	55	55	55	55	55	55
666666			666666	666	66	66	66	66	66	66	66	66	66	66	66	66
777777	NUMBER WITHIN MINOR BASIN		777777	777	77	77	77	77	77	77	77	77	77	77	77	77
888888			888888	888	88	88	88	88	88	88	88	88	88	88	88	88
999999	NUMBER WITHIN MINOR BASIN		999999	999	99	99	99	99	99	99	99	99	99	99	99	99
1234567891011121314151617181920212223242526272829303132333435363738394041424344454647484950515253545556575859606162636465666768697071727374757677787980																

NOTE: Mileages entered on IBM Cards do not contain decimals. A decimal is assumed such that mileages are always indicated in hundredths.

SUSQUEHANNA RIVER BASIN

River System Code 0212001

<u>Miles on Base River</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
6.40	Deer Creek	2	000110
9.10	Octoraro Creek	2	000140
13.90	Broad Creek	2	000190
21.00	Muddy Creek	2	000330
31.70	Conestoga Creek	2	000640
50.10	Codorus Creek	2	001070
54.50	(West) Conewago Creek	2	001110
56.40	(East) Conewago Creek	2	001120
60.00	Swatara Creek	2	001160
67.00	Yellow Britches Creek	2	001250
71.10	Condoquinet Creek	2	001270
83.50	Sherman Creek	2	001410
84.50	Juniata River	2	001450
86.00	Powell Creek	2	001460
96.10	Wisconisco Creek	2	001620
102.50	Mahantango Creek	2	001740
112.00	Mahoney Creek	2	001960
113.60	Penn Creek	2	001990
121.80	Chamokin Creek	2	002140
123.50	West Branch	2	002170
140.30	Roaring Creek	2	002460
143.50	Catawisca Creek	2	002520

SUSQUEHANNA RIVER BASIN

River System Code 0212001

<u>Miles on</u> <u>Base River</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
145.40	Fishing Creek	2	002590
158.90	Nescopeck Creek	2	002740
195.40	Lackawanna River	2	003340
216.50	Tunkhannock Creek	2	003800
231.00	Meshoppen Creek	2	003940
249.00	Wyalusing Creek	2	004280
261.50	Towanda Creek	2	004630
264.30	Wysor Creek	2	004580
271.60	Sugar Creek	2	004670
281.60	Chemung River	2	004830
304.00	Catatonk Creek	2	005170
317.20	Nanticoke Creek	2	005390
327.60	Chenango River	2	005650
392.40	Unadilla River	2	007250
400.40	Ouleout Creek	2	007360
414.20	Otego Creek	2	007610
420.70	Charlotte Creek	2	007780
424.10	Schenevus Creek	2	007840
435.70	Cherry Valley Creek	2	007960

Susquehanna River
Juniata River

SUSQUEHANNA RIVER BASIN

River System Code 0212001

Juniata River (Miles on Base River) 84.50 (2nd Level Index) 001450

<u>2nd Level Miles</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
13.10	Buffalo Creek	3	00370
31.60	Tuscarora Creek	3	00650
45.40	Jacks Creek	3	00920
46.80	Honey Creek	3	00940
77.70	Aughwick Creek	3	01470
90.00	Raystown Branch	3	01790
93.40	Standing Stone Creek	3	01920
101.60	Frankstown Branch	3	02010
117.40	Bald Eagle Creek	3	02180

Susquehanna River
Juniata River
Frankstown Branch

SUSQUEHANNA RIVER BASIN

River System Code 0212001

Juniata River (Miles on Base River) 84.50 (2nd Level Index) 001450

Frankstown Branch (2nd Level Miles) 101.60 (3rd Level Index) 02010

<u>3rd Level Miles</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
15.80	Clover Creek	4	0250
31.90	Beaver Dam Branch	4	0460

Susquehanna River
West Branch

SUSQUEHANNA RIVER BASIN

River System Code 0212001

West Branch (Miles on Base River) 123.50 (2nd Level Index) 002170

<u>Mileage To</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
7.80	Buffalo Creek	3	00170
27.80	Muncy Creek	3	00520
35.20	Loyal Sock Creek	3	00580
41.30	Lycoming Creek	3	00660
53.10	Larrys Creek	3	00820
57.60	Pine Creek	3	00900
67.70	Bald Eagle Creek	3	01150
104.10	Kettle Creek	3	01860
110.20	Sinnemahoning Creek	3	01940
135.50	Moshannon Creek	3	02370
171.50	Clearfield Creek	3	02930
205.30	Chest Creek	3	03430

Susquehanna River
Lackawanna River

SUSQUEHANNA RIVER BASIN

River System Code 0212001

Lackawanna River (Miles on Base River) 195.40 (2nd Level Index) 003340

<u>2nd Level Miles</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
3.50	Spring Brook	3	00120
9.30	Roaring Brook	3	00280

Susquehanna River
Chemung River
*(Tioga River)

SUSQUEHANNA RIVER BASIN

River System Code 0212001

Chemung River (Miles on Base River) 281.60 (2nd Level Index) 004830

<u>2nd Level Miles</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
9.30	Wynkoop Creek	3	00120
21.50	Seeley Creek	3	00330
24.90	Newtown Creek	3	00360
45.10	Chocton River	3	00760
48.70	Canisteo River	3	00840
57.60	Cowanesque River	3	01060

* The Tioga and Chocton Rivers join to form the Chemung River. The Tioga River is considered as the main stream and is therefore indexed as a continuation of the Chemung River.

Susquehanna River
Chenango River

SUSQUEHANNA RIVER BASIN

River System Code 0212001

Chenango River (Miles on Base River) 327.60 (2nd Level Index) 005650

<u>2nd Level Miles</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
13.70	Tioughnioga River	3	00250
19.20	Genegantslet Creek	3	00390
35.30	Bowman Creek	3	00630
47.70	Canaswacta Creek	3	00830
68.30	Sangerfield River	3	01180

Susquehanna River
Chenango River
Tioughnioga River

SUSQUEHANNA RIVER BASIN

River System Code 0212001

Chenango River (Miles on Base River) 327.60 (2nd Level Index) 005650

Tioughnioga River (2nd Level Miles) 13.70 (3rd Level Index) 00250

<u>3rd Level Miles</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
4.00	Halfway Brook	4	0120
9.60	Otselic River	4	0360
34.70	West Branch	4	0850

Susquehanna River
Unadilla River

SUSQUEHANNA RIVER BASIN

River System Code 0212001

Unadilla River (Miles on Base River) 392.40 (2nd Level Index) 007250

<u>2nd Level Miles</u>	<u>Stream</u>	<u>Level</u>	<u>Index</u>
9.20	Butternut Creek	3	00120
17.70	Great Brook	3	00250
28.00	Wharton Creek	3	00500
30.20	Shawler Brook	3	00511

