

\*\*\* INPUT CARD PRINTOUT \*\*\*

	1	2	3	4	5	6	7	8
1	1	HODGES CREEK	FLOODWAY REVI	SED	FIRST	7	1	02 99 10
2	2	312490						
3	100	A	1	16	3	3120	170	99 99
4	101	1210						
5	107	430	1	31310	430	1	31218	500 1 31218 600 1 31207 611 1 31218
5	108	619	2	31214	620	2	31198	624 2 31194 629 2 31189 633 2 31186
5	109	637	3	31223	666	3	31215	700 3 31215 800 3 31212 830 3 31212
5	110	830	3	31110				
6	111	2	3	040 035	3	4	060 065	2 3 040 035
3	200	R-TW	0	18	3	3123	708	99 99
5	205	400	1	31350	400	1	31253	500 1 31247 600 1 31250 616 2 31259
5	206	630	2	31248	635	2	31236	637 2 31224 642 2 31223 646 2 31222
5	207	648	2	31238	654	3	31253	700 3 31254 800 3 31256 900 3 31258
5	208	1000	3	31267	1100	3	31294	1200 3 31350
6	210	2	3	040 035	3	4	060 065	2 3 040 035
3	300	RD-BC	2	13	1	3123	708	0 31266 3 0
5	305	0	1	31265	0	1	31237	1 1 31234 5 1 31233 8 1 31231
5	306	14	1	31228	17	1	31230	19 1 31229 21 1 31220 23 1 31241
5	307	28	1	31245	28	1	31267	0 -9 31265
6	310	1	2	050 050				
3	350	RD-BC	4	11	2	34	1	2 1 1 2
5	355	0	1	31310	0	1	31270	50 1 31271 100 1 31273 150 1 31276
5	356	217	1	31284	231	2	31285	245 2 31286 300 2 31295 350 2 31302
5	357	395	2	31310				
3	400	C-APP	5	21	3	3124	780	1 3
5	405	-10	1	31330	0	1	31280	22 1 31281 37 1 31276 87 1 31260
5	406	137	1	31258	183	1	31257	199 1 31251 205 2 31250 212 2 31240
5	407	216	2	31241	220	2	31232	227 2 31227 228 2 31232 233 3 31252
5	408	243	3	31255	250	3	31254	300 3 31254 341 3 31259 348 3 31296
5	409	391	3	31314				
6	412	2	3	045 040	3	4	060 070	2 3 045 040
3	500	D	0	20	3	3124	924	99 99
5	505	-15	1	31383	0	1	31333	50 1 31276 90 1 31266 108 1 31270
5	506	158	1	31259	170	2	31264	171 2 31235 174 2 31234 176 2 31248
5	507	188	2	31242	195	2	31246	203 2 31259 210 3 31267 260 3 31257
5	508	310	3	31259	346	3	31270	355 3 31324 365 3 31333 380 3 31346
6	510	2	3	045 040	3	4	060 070	2 3 045 040
3	600	F	0	20	3	3124	1136	99 99
5	605	-10	1	31386	0	1	31336	4 1 31322 50 1 31291 100 1 31277
5	606	150	1	31274	195	1	31274	204 2 31280 204 2 31258 205 2 31249
5	607	211	2	31245	212	2	31248	216 2 31264 225 2 31271 231 3 31288
5	608	250	3	31277	278	3	31274	300 3 31279 332 3 31294 340 3 31350
6	610	2	3	045 040	3	4	060 070	2 3 045 040

1K  
106

*Encroachment to top of low water bank on right bank; no encroachment on left at A+B-TW*

PAGE 1 OF EDITING NOTES FOR: HODGES CREEK FLOWWAY REVI SED FIRST

SECID	ERROR SEVERITY	FIRST VARIABLE	NO.	ERROR MESSAGE	SECOND VARIABLE	NO.	VALUE ASSUMED
B0-BC	WARNING	STATION	13	IS LESS THAN	STATION	12	

INPUT SUMMARY FOR: HODGES CREEK FLOODWAY REVI SED FIRST

7 CROSS SECTIONS SPECIFIED (OR ASSUMED)

FOUND 7 TYPE 3 CARDS

KEPT 7 CROSS SECTIONS FOR EDITING

7 " " VALID FOR PROPERTY COMPUTATIONS

7 " " " " PROFILE "



CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=A AT DISTANCE= 170 FIRST PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3120.0	12	251	1.00	15	15	620	635	61
3129.9	3414	572504	1.02	400	419	430	830	55895
3131.0	3854	698762	1.02	400	421	430	830	67036

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=B-TW AT DISTANCE= 708 FIRST PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	7	124	1.00	11	11	636	647	31
3132.9	5116	748321	1.04	762	772	400	1162	73657
3135.0	6757	1152246	1.04	800	811	400	1200	109289

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=BO-BC AT DISTANCE= 708 FIRST PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	2	23	1.00	12	13	10	22	6
3125.7	93	3655	1.00	0	62	0	28	0

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=C-APP AT DISTANCE= 780 FIRST PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	11	220	1.00	14	14	216	230	53
3133.0	2592	317138	1.02	401	405	-9	391	36989

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
 SECID=D AT DISTANCE= 924 FIRST PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	2	27	1.00	4	5	171	175	8
3133.9	2509	308072	1.04	374	378	-1	372	36136
3138.3	4215	705564	1.04	395	404	-14	380	76548

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED  
SECID=E AT DISTANCE= 1136

FIRST  
PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3126.0	12	285	1.00	11	12	204	215	68
3135.9	2591	348578	1.03	345	351	-4	340	39619
3138.6	3528	575821	1.03	350	360	-9	340	62455





CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 SECID=A AT DISTANCE= 170 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3120.0	12	251	1.00	15	15	620	635	61
3129.9	1781	288452	1.07	207	225	430	637	28572
3131.0	2008	351497	1.08	207	227	430	637	34175

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 SECID=B-TW AT DISTANCE= 708 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	7	124	1.00	11	11	636	647	31
3132.9	2049	312163	1.10	254	270	409	654	31452
3135.0	2582	456437	1.11	254	275	409	654	44383

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 SECID=C-APP AT DISTANCE= 780 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	11	220	1.00	14	14	216	230	53
3133.0	804	93118	1.06	100	116	175	275	12570

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 SECID=D AT DISTANCE= 924 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	2	27	1.00	4	5	171	175	8
3133.9	820	88873	1.08	100	118	138	238	12806
3136.3	1260	174764	1.06	100	127	138	234	24580

CROSS-SECTION PROPERTIES FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 SECID=E AT DISTANCE= 1136 PART 1 OF 1  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

WS	A	K	ALPHA	B	P	LEW	REW	QC
3126.0	12	285	1.00	11	12	204	215	68
3135.9	860	102622	1.08	100	120	160	260	13730
3138.6	1130	157722	1.08	100	125	160	260	20742



PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

SECID; ERROR(WARNING) MESSAGE; INTERMEDIATE RESULTS(IF ANY); ACTION TAKEN

B-TW : .KU/KD < 0.7 OR > 1.4

ALERTED USER

C-APP; WSU > BELMX (1)

CHECKED QBO (2)

WATER-SURFACE PROFILE FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 PAGE 1 OF 1, PROFILE NUMBER 1, UPSTREAM COMPUTATIONS  
 \*\*\* FLOODWAY ANALYSIS \*\*\* FLOODWAY REVISED 100

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=====
SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW
  WS ELEV /   HV /   HF /   HE /   EG /   V /   FN /   ACC *ID#
=====
A   AT   170 /   0 /  1210. /   746. /  67938. / 1.05 /  430. /  637.
    3124.90 / 0.04 /           / 3124.94 /  1.62 /  0.16/           *IS*
-----
B-TW AT   708 /  538 /  1210. /   279. /  10112. / 1.00 /  400. /  654.
    3125.93 / 0.29 /  1.15 /  0.13 / 3126.22 /  4.34 /  0.78 /  0.010 *XS*
===== BEGIN BRIDGE ANALYSIS =====
BO-BC AT   708 /           /   689. /   93. /   3655. / 1.00 /   0. /   28.
    3126.70 / 0.84 /   ...2... (-.001) /  7.37 /  0.71 /           *BO*
-----
EMBANKMENT OVERFLOW (CFS) / LEFT   515. / RIGHT   0. /           *RG*
-----
C-APP AT   780 /   72 /  1210. /   197. /   9180. / 1.02 /  175. /  275.
    3126.93 / 0.60 /  1.14 /  0.15 / 3127.53 /  6.13 /  0.67 /  0.017 *AS*
-----
M = **** / E = **** / K* = **** /   321. /  20403. / 1.03 /  175. /  275.
    3128.17 / 0.23 /           / 3128.40 /  3.76 /  0.43 /           *AS*
===== END BRIDGE ANALYSIS =====
D   AT   924 /  144 /  1210. /   306. /  17189. / 1.03 /  138. /  238.
    3128.76 / 0.25 /  0.60 /  0.01 / 3129.01 /  3.96 /  0.32 /  0.000 *XS*
-----
E   AT  1136 /  212 /  1210. /   266. /  14524. / 1.04 /  160. /  260.
    3129.97 / 0.34 /  1.24 /  0.04 / 3130.30 /  4.55 /  0.58 /  0.002 *XS*
=====
    
```

END OF THIS PROFILE

SUMMARY OF ENCROACHMENTS FOR: HODGES CREEK FLOODWAY REVI SED FIRST  
 RESULTS OF THE FLOODWAY ANALYSIS ENTITLED FLOODWAY REVISED 100 (PROFILE  
 NUMBER 1, UPSTREAM COMPUTATIONS) ARE COMPARED TO THE RESULTS OF THE  
 BASE PROFILE (PROFILE NUMBER 1, UPSTREAM COMPUTATIONS). PAGE 1 OF 1

SECID	CARD 3 SEQUENCE	TYPE	FW OPTION	ENCROACHMENT		SURCHARGE		CHANNEL WIDTH	
				LEFT	RIGHT	IDEAL	ACTUAL	NATURAL	FLOODWAY
A	100	1	HOR	NO	YES	*****	1.00	*****	207
B-TW	200	0	HOR	NO	YES	*****	0.16	*****	254
BO-BC	300	2	N.A.	N.A.	N.A.	*****	0.93	*****	28
RD-BC	350	4	N.A.	N.A.	N.A.	*****	*****	*****	*****
C-APP	400	5	HOR	YES	YES	*****	-0.10	*****	100
D	500	0	HOR	YES	YES	*****	0.37	*****	100
E	600	0	HOR	YES	YES	*****	0.98	*****	100

\*\*\* INPUT CARD PRINTOUT \*\*\*

	1	2	3	4	5	6	7	8	
1	1	HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK						8	2 02 99 10
2	2	-99999 -99999							
3	50	D	1	21	3	3119	-135	99 99	
4	51	3090	4190						
5	55	0	1	31305	16	1	31234	40 1 31222 100 1 31221 150 1 31202	
5	56	163	1	31200	200	1	31192	218 2 31190 220 2 31181 222 2 31177	
5	57	225	2	31178	232	2	31181	237 2 31186 240 2 31187 244 3 31204	
5	58	260	3	31203	300	3	31202	400 3 31206 500 3 31211 540 3 31212	
5	59	540	3	31310					
6	60	1	2	060 060	2	3	050 040	1 2 040 035	
3	100	A	1	16	3	3120	170	99 99	
4	101	1210	1880						
5	107	430	1	31310	430	1	31218	500 1 31218 600 1 31207 611 1 31218	
5	108	619	2	31214	620	2	31198	624 2 31194 629 2 31189 633 2 31186	
5	109	637	3	31223	666	3	31215	700 3 31215 800 3 31212 830 3 31212	
5	110	830	3	31310					
6	111	2	3	040 035	3	4	060 065	2 3 040 035	
3	200	R-TW	0	18	3	3123	708	99 99	
5	205	400	1	31350	400	1	31253	500 1 31247 600 1 31250 616 2 31259	
5	206	630	2	31248	635	2	31236	637 2 31224 642 2 31223 646 2 31222	
5	207	648	2	31238	654	3	31253	700 3 31254 800 3 31256 900 3 31258	
5	208	1000	3	31267	1100	3	31294	1200 3 31350	
6	210	2	3	040 035	3	4	060 065	2 3 040 035	
3	300	RO-BC	2	13	1	3123	708	0 31266 3 0	
5	305	0	1	31265	0	1	31237	1 1 31234 5 1 31233 3 1 31231	
5	306	14	1	31228	17	1	31230	19 1 31229 21 1 31220 23 1 31241	
5	307	28	1	31245	28	1	31267	0 -9 31265	
6	310	1	2	050 050					
3	350	RD-BC	4	11	2	34	1	2 1 1 2	
5	355	0	1	31310	0	1	31270	50 1 31271 100 1 31273 150 1 31276	
5	356	217	1	31284	231	2	31285	245 2 31286 300 2 31295 350 2 31302	
5	357	395	2	31310					
3	400	C-APP	5	21	3	3124	780	99 99	
5	405	-10	1	31330	0	1	31280	22 1 31261 37 1 31276 87 1 31260	
5	406	137	1	31258	143	1	31257	199 1 31251 205 2 31250 212 2 31240	
5	407	210	2	31241	220	2	31232	227 2 31227 228 2 31232 233 3 31252	
5	408	243	3	31255	250	3	31254	300 3 31254 341 3 31259 348 3 31296	
5	409	341	3	31314					
6	412	2	3	045 040	3	4	060 070	2 3 045 040	
3	500	0	20	3	3124	924	99 99		
5	505	-15	1	31363	0	1	31333	50 1 31276 90 1 31266 108 1 31270	
5	506	158	1	31259	170	2	31264	171 2 31235 174 2 31234 176 2 31248	
5	507	188	2	31242	195	2	31246	203 2 31259 210 3 31267 260 3 31257	
5	508	310	3	31259	346	3	31270	355 3 31324 365 3 31333 380 3 31346	
6	510	2	3	045 040	3	4	060 070	2 3 045 040	



PAGE 1 OF EDITING NOTES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK

SECID	ERROR SEVERITY	FIRST VARIABLE	NO.	ERROR MESSAGE	SECOND VARIABLE	NO.	VALUE ASSUMED
B0-BC	WARNING	STATION	13	IS LESS THAN	STATION	12	

INPUT SUMMARY FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK

8 CROSS SECTIONS SPECIFIED (OR ASSUMED)

FOUND 8 TYPE 3 CARDS

KEPT 8 CROSS SECTIONS FOR EDITING

8 " " VALID FOR PROPERTY COMPUTATIONS

8 " " " " PROFILE "

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=D AT DISTANCE= -135 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3119.0	19	482	1.00	23	23	218	241	96
3128.9	4330	619643	1.19	536	546	4	540	63883
3131.0	5461	901191	1.19	540	552	0	540	90265

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=A AT DISTANCE= 170 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3120.0	12	251	1.00	15	15	620	635	61
3129.9	3414	572504	1.02	400	419	430	830	55895
3131.0	3854	698762	1.02	400	421	430	830	67036

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=B-TW AT DISTANCE= 708 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	7	124	1.00	11	11	636	647	31
3132.9	5116	748321	1.04	762	772	400	1162	73657
3135.0	6757	1152246	1.04	800	811	400	1200	109289

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=BO-BC AT DISTANCE= 708 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	2	23	1.00	12	13	10	22	6
3126.7	93	3655	1.00	0	62	0	28	0

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=C-APP AT DISTANCE= 780 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	11	220	1.00	14	14	216	230	53
3133.0	2592	317138	1.02	401	405	-9	391	36989



CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=D AT DISTANCE= 924 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	2	27	1.00	4	5	171	175	8
3133.9	2509	308072	1.04	374	378	-1	372	36136
3138.3	4215	705564	1.04	395	404	-14	380	76548

CROSS-SECTION PROPERTIES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 SECID=E AT DISTANCE= 1136 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3126.0	12	285	1.00	11	12	204	215	68
3135.9	2591	348578	1.03	345	351	-4	340	39619
3138.6	3528	575821	1.03	350	360	-9	340	62455



PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PROFILE NUMBER 1, DOWNSTREAM COMPUTATIONS

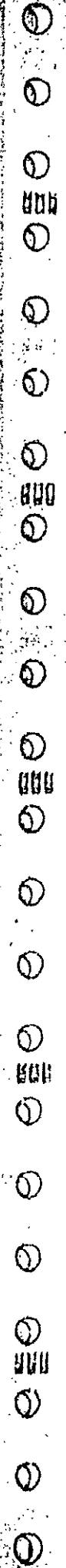
SECID; ERROR(WARNING) MESSAGE; INTERMEDIATE RESULTS(IF ANY); ACTION TAKEN

E	; WS TOO LOW			ASSUMED WS = WSC
D	; WS NOT FOUND BETWEEN			
		; WS = 3126.96 & WS = 3123.60;		USED DEL = 0.25
D	; WS NOT FOUND BETWEEN			
		; WS = 3126.96 & WS = 3123.60;		USED KE = 0.5
D	; WS NOT FOUND			ASSUMED WS = WSC
C-APP	; WS NOT FOUND BETWEEN			
		; WS = 3126.43 & WS = 3122.90;		USED DEL = 0.25
C-APP	; WS NOT FOUND BETWEEN			
		; WS = 3126.43 & WS = 3122.90;		USED KE = 0.5
C-APP	; WS NOT FOUND			ASSUMED WS = WSC
BO-	; WS NOT FOUND BETWEEN			
		; WS = 3126.57 & WS = 3122.20;		USED DEL = 0.25
BO-BC	; WS NOT FOUND BETWEEN			
		; WS = 3126.57 & WS = 3122.20;		USED KE = 0.5
BO-BC	; WS NOT FOUND			ASSUMED WS = WSC
B-TW	; WS TOO HIGH			ASSUMED WS = WSC
A	; WS NOT FOUND BETWEEN			
		; WS = 3122.07 & WS = 3118.80;		USED DEL = 0.25
A	; WS NOT FOUND BETWEEN			
		; WS = 3122.07 & WS = 3118.80;		USED KE = 0.5
A	; WS NOT FOUND			ASSUMED WS = WSC
D	; WS NOT FOUND BETWEEN			
		; WS = 3121.80 & WS = 3117.90;		USED DEL = 0.25
D	; WS NOT FOUND BETWEEN			
		; WS = 3121.80 & WS = 3117.90;		USED KE = 0.5
D	; WS NOT FOUND			ASSUMED WS = WSC

WATER-SURFACE PROFILE FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PAGE 1 OF 1, PROFILE NUMBER 1, DOWNSTREAM COMPUTATIONS

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=====
SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW
WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*
=====
E AT 1136 / 0 / 1210. / 234. / 1523. / 1.08 / 71. / 313.
  3128.51 / 0.45 / / 3128.96 / 5.18 / 0.95/ *IS*
-----
D AT 924 / -212 / 1210. / 239. / 7446. / 1.14 / 76. / 345.
  3126.96 / 0.46 /***** /***** / 3127.41 / 5.07 / 1.01 /***** *XS*
    
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ASSUMED WS = WSC

WATER-SURFACE PROFILE FOR: HODSES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PAGE 1 OF 1, PROFILE NUMBER 1, DOWNSTREAM COMPUTATIONS

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=====
SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW
NS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*
=====
E AT 1136 / 0 / 1210. / 234. / 7523. / 1.08 / 71. / 313.
  3128.51 / 0.45 / / 3128.96 / 5.18 / 0.95 / *IS*
-----
D AT 924 / -212 / 1210. / 239. / 7446. / 1.14 / 76. / 345.
  3126.96 / 0.46 /***** /***** / 3127.41 / 5.07 / 1.01 /***** *XS*
-----
C-APP AT 780 / -144 / 1210. / 260. / 8713. / 1.20 / 74. / 342.
  3126.43 / 0.41 /***** /***** / 3126.83 / 4.65 / 0.91 /***** *AS*
-----
BO-BC AT 708 / -112 / 1210. / 92. / 4481. / 1.00 / 0. / 28.
  3126.57 / 2.67 /***** /***** / 3129.24 / 13.10 / 1.27 /***** *BO*
-----
B-TW AT 708 / 0 / 1210. / 355. / 11132. / 1.16 / 400. / 911.
  3125.77 / 0.21 /***** /***** / 3125.98 / 3.41 / 0.78 /***** *XS*
-----
A AT 70 -538 / 1210. / 284. / 8536. / 1.12 / 430. / 830.
  3122.07 / 0.32 /***** /***** / 3122.39 / 4.26 / 0.93 /***** *XS*
-----
D AT -135 / -305 / 3090. / 521. / 28558. / 1.42 / 108. / 540.
  3121.80 / 0.55 /***** /***** / 3122.34 / 4.98 / 0.87 /***** *XS*
=====
    
```

END OF THIS PROFILE



COMPUTED WSC VALUES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
PROFILE NUMBER 1, DOWNSTREAM COMPUTATIONS

SECID	D	A	B-TW	BO-BC	C-APP	D	E
WSC	3121.80	3122.07	3125.77	3126.57	3126.43	3126.96	3128.51

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PROFILE NUMBER 2, DOWNSTREAM COMPUTATIONS

SECID	ERROR (WARNING) MESSAGE	INTERMEDIATE RESULTS (IF ANY)	ACTION TAKEN
E	WS TOO LOW		ASSUMED WS = WSC
D	WS NOT FOUND BETWEEN	WS = 3127.30 & WS = 3123.60	USED DEL = 0.25
D	WS NOT FOUND BETWEEN	WS = 3127.30 & WS = 3123.60	USED KE = 0.5
D	WS NOT FOUND		ASSUMED WS = WSC
C-APP	WS NOT FOUND BETWEEN	WS = 3126.71 & WS = 3122.90	USED DEL = 0.25
C-APP	WS NOT FOUND BETWEEN	WS = 3126.71 & WS = 3122.90	USED KE = 0.5
C-APP	WS NOT FOUND		ASSUMED WS = WSC
BO-BC	WS NOT FOUND BETWEEN	WS = 3126.64 & WS = 3122.20	USED DEL = 0.25
BO-BC	WS NOT FOUND BETWEEN	WS = 3126.64 & WS = 3122.20	USED KE = 0.5
BO-BC	WS NOT FOUND		ASSUMED WS = WSC
B-TW	WS TOO HIGH		ASSUMED WS = WSC
A	WS NOT FOUND BETWEEN	WS = 3122.30 & WS = 3118.80	USED DEL = 0.25
A	WS NOT FOUND BETWEEN	WS = 3122.30 & WS = 3118.80	USED KE = 0.5
A	WS NOT FOUND		ASSUMED WS = WSC
D	WS NOT FOUND BETWEEN	WS = 3122.03 & WS = 3117.90	USED DEL = 0.25
D	WS NOT FOUND BETWEEN	WS = 3122.03 & WS = 3117.90	USED KE = 0.5
D	WS NOT FOUND		ASSUMED WS = WSC

WATER-SURFACE PROFILE FOR: HODGES CREEK 100&500 CHECKING DOWNSTREAM CHECK  
 PAGE 1 OF 1, PROFILE NUMBER 2, DOWNSTREAM COMPUTATIONS

SECID	AT	DISTANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW
WS ELEV	HV	HF	HE	EG	V	FN	ACC	ID*	
E	AT	1136 /	0 /	1880. /	316. /	11492. /	1.04 /	59. /	320.
3128.84		0.57 /		3129.41 /	5.95 /	0.97 /			*IS*
	AT	924 /	-212 /	1880. /	334. /	12110. /	1.08 /	62. /	347.
3127.30		0.53 /	***** /	3127.83 /	5.63 /	0.95 /	*****		*XS*
C <sub>T</sub> APP	AT	780 /	-144 /	1880. /	338. /	12793. /	1.12 /	65. /	343.
3126.71		0.54 /	***** /	3127.25 /	5.57 /	0.94 /	*****		*AS*
BO-BC	AT	708 /	-72 /	1880. /	93. /	3981. /	1.00 /	0. /	28.
3126.64		6.32 /	***** /	3132.96 /	20.16 /	1.95 /	*****		*B0*
B-TW	AT	708 /	0 /	1880. /	474. /	16786. /	1.13 /	400. /	936.
3126.00		0.28 /	***** /	3126.27 /	3.97 /	0.79 /	*****		*XS*
A	AT	170 /	-538 /	1880. /	375. /	13081. /	1.04 /	430. /	830.
3122.30		0.41 /	***** /	3122.71 /	5.02 /	0.93 /	*****		*XS*
D	AT	-135 /	-305 /	4190. /	723. /	36501. /	1.31 /	102. /	540.
3122.03		0.69 /	***** /	3122.72 /	5.79 /	0.91 /	*****		*XS*

END OF THIS PROFILE

COMPUTED WSC VALUES FOR: HODGES CREEK 1006500 CHECKING DOWNSTREAM CHECK  
PROFILE NUMBER 2, DOWNSTREAM COMPUTATIONS

SECID	D	A	B-TW	BO-BC	C-APP	D	E
WSC	3122.03	3122.30	3126.00	3126.64	3126.71	3127.30	3128.84





USGS STEP-BACKWATER PROGRAM - VERSION 77.180 \*\*\* PAGE COUNT= 3 DATE=11/22/77

PAGE 1 OF EDITING NOTES FOR: HODGES CREEK ALL FLOODS REVISED

SECID	ERROR SEVERITY	FIRST VARIABLE NO.	ERROR MESSAGE	SECOND VARIABLE NO.	VALUE ASSUMED
BO-BC	WARNING	STATION 13	IS LESS THAN	STATION 12	

INPUT SUMMARY FOR: HODGES CREEK ALL FLOODS REVISED

7 CROSS SECTIONS SPECIFIED (OR ASSUMED)

FOUND 8 TYPE 3 CARDS

KEPT 8 CROSS SECTIONS FOR EDITING

8 " " VALID FOR PROPERTY COMPUTATIONS

8 " " " " PROFILE "



CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=D AT DISTANCE= -135 REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3119.0	19	482	1.00	23	23	218	241	96
3128.9	4330	619643	1.19	536	546	4	540	63883
3131.0	5461	901191	1.19	540	552	0	540	90265

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=A AT DISTANCE= 170 REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3120.0	12	251	1.00	15	15	620	635	61
3129.9	3414	572504	1.02	400	419	430	830	55895
3131.0	3854	698762	1.02	400	421	430	830	67036

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=B-TW AT DISTANCE= 708 REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	7	124	1.00	11	11	636	647	31
3132.9	5116	748321	1.04	762	772	400	1162	73657
3135.0	6757	1152246	1.04	800	811	400	1200	109289

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=BO-BC AT DISTANCE= 708 REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3123.0	2	23	1.00	12	13	10	22	6
3126.7	93	3655	1.00	0	62	0	28	0

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=C-APP AT DISTANCE= 780 REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	11	220	1.00	14	14	216	230	53
3133.0	2592	317138	1.02	401	405	-9	391	36989

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=D AT DISTANCE= 924

REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3124.0	2	27	1.00	4	5	171	175	8
3133.9	2509	308072	1.04	374	378	-1	372	36136
3138.3	4215	705564	1.04	395	404	-14	380	76548

CROSS-SECTION PROPERTIES FOR: HODGES CREEK ALL FLOODS  
 SECID=E AT DISTANCE= 1136

REVISED  
 PART 1 OF 1

WS	A	K	ALPHA	B	P	LEW	REW	QC
3126.0	12	285	1.00	11	12	204	215	68
3135.9	2591	348578	1.03	345	351	-4	340	39619
3138.6	3528	575821	1.03	350	360	-9	340	62455

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK ALL FLOODS  
PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

REVISED

SECID: ERROR(WARNING) MESSAGE: INTERMEDIATE RESULTS(IF ANY): ACTION TAKEN

A	: KU/KD < 0.7 OR > 1.4	:		:	ALERTED USER
B-TW	: FRDN FAILURE	:	WS = 3122.88 & FR = 24.26	:	USED HIGHER WS
B-TW	: FRDN FAILURE	:	WS = 3125.21 & FR = 1.05	:	USED HIGHER WS
B-TW	: WS NOT FOUND BETWEEN	:	WS = 3122.48 & WS = 3135.00	:	USED DEL = 0.25
B-TW	: FRDN FAILURE	:	WS = 3122.88 & FR = 24.28	:	USED HIGHER WS
B-TW	: FRDN FAILURE	:	WS = 3125.21 & FR = 1.05	:	USED HIGHER WS
B-TW	: WS NOT FOUND BETWEEN	:	WS = 3122.48 & WS = 3135.00	:	USED WSMIN = WSC
B-TW	: WS NOT FOUND	:		:	ASSUMED WS = WSC
C-APP	: KU/KD < 0.7 OR > 1.4	:		:	ALERTED USER
C-APP	: WSU > BELMX (1)	:		:	CHECKED QBO (2)
D	: KU/KD < 0.7 OR > 1.4	:		:	ALERTED USER
E	: KU/KD < 0.7 OR > 1.4	:		:	ALERTED USER

WATER-SURFACE PROFILE FOR: HODGES CREEK ALL FLOODS REVISED  
 PAGE 1 OF 1, PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

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=====
SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / REW
WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*
=====
D AT -135 / 0 / 1780. / 824. / 43240. / 1.38 / 39. / 540.
3122.25 / 0.10 / / 3122.35 / 2.16 / 0.32/ *IS*
-----
A AT 170 / 305 / 540. / 546. / 24165. / 1.00 / 430. / 830.
3122.73 / 0.02 / 0.39 / 0.0 / 3122.75 / 0.99 / 0.15 / 0.002 *XS*
-----
B-TW AT 708 / 538 / 540. / 148. / 3801. / 1.15 / 400. / 697.
3125.39 / 0.24 /***** /***** / 3125.63 / 3.65 / 0.82 /***** *XS*
===== BEGIN BRIDGE ANALYSIS =====
BO-BC AT 708 / / 515. / 93. / 3655. / 1.00 / 0. / 28.
3126.70 / 0.47 / ...?... (-.001) / 5.51 / 0.53 / *BO*
-----
EMBANKMENT OVERFLOW (CFS) / LEFT 20. / RIGHT 0. / *RG*
-----
C-APP AT 780 / 72 / 540. / 227. / 7163. / 1.27 / 78. / 342.
3126.30 / 0.11 / 0.77 / 0.0 / 3126.42 / 2.38 / 0.38 / 0.013 *AS*
-----
M = **** / E = **** / K* = **** / 501. / 22767. / 1.03 / 47. / 344.
3127.28 / 0.02 / / 3127.30 / 1.08 / 0.15 / *AS*
===== END BRIDGE ANALYSIS =====
D AT 924 / 144 / 540. / 365. / 13818. / 1.07 / 58. / 347.
3127.41 / 0.04 / 0.13 / 0.01 / 3127.44 / 1.48 / 0.24 / 0.002 *XS*
-----
E AT 1126 / 212 / 540. / 174. / 5023. / 1.17 / 80. / 307.
3128.25 / 0.17 / 0.89 / 0.07 / 3128.42 / 3.10 / 0.59 / 0.018 *XS*
=====
    
```

END OF THIS PROFILE

COMPUTED WSC VALUES FOR: HODGES CREEK ALL FLOODS REVISIONS  
PROFILE NUMBER 1. UPSTREAM COMPUTATIONS

SECID B-TW  
WSC 3125.39

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK ALL FLOODS REVISED  
 PROFILE NUMBER 2, UPSTREAM COMPUTATIONS

SECID: ERROR (WARNING) MESSAGE: INTERMEDIATE RESULTS (IF ANY): ACTION TAKEN

A	: KU/KD < 0.7 OR > 1.4	:		:	ALERTED USER
B-TW	: FRDN FAILURE	:		:	
		:	WS = 3123.97 & FR = 8.27	:	USED HIGHER WS
B-TW	: FRDN FAILURE	:		:	
		:	WS = 3125.52 & FR = 1.22	:	USED HIGHER WS
B-TW	: WS NOT FOUND BETWEEN	:		:	
		:	WS = 3123.13 & WS = 3135.00	:	USED DEL = 0.25
B-TW	: FRDN FAILURE	:		:	
		:	WS = 3123.97 & FR = 8.27	:	USED HIGHER WS
B-TW	: FRDN FAILURE	:		:	
		:	WS = 3125.52 & FR = 1.21	:	USED HIGHER WS
B-TW	: WS NOT FOUND BETWEEN	:		:	
		:	WS = 3123.13 & WS = 3135.00	:	USED WSMIN = WSC
B-TW	: WS NOT FOUND	:		:	ASSUMED WS = WSC
C-APP	: KU/KD < 0.7 OR > 1.4	:		:	ALERTED USER
C-APP	: WSU > BELMX (1)	:		:	CHECKED QBO (2)
E	: KU/KD < 0.7 OR > 1.4	:		:	ALERTED USER

2.4R

WATER-SURFACE PROFILE FOR: HODGES CREEK ALL FLOODS REVISED  
 PAGE 1 OF 1 PROFILE NUMBER 2. UPSTREAM COMPUTATIONS

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=====
SECID AT DISTANCE/ LENGTH/DISCHARGE/ AREA /CONVEYANCE/ ALPHA/ LEW / HEW
WS ELEV / HV / HF / HE / EG / V / FN / ACC *ID*
=====
D AT 105 / 0 / 2720. / 1216. / 81226. / 1.27 / 24. / 540.
  3123.02 / 10 / / 3123.12 / 2.24 / 0.29 / *IS*
-----
A AT 170 / 305 / 990. / 806. / 45822. / 1.00 / 430. / 830.
  3123.38 / 0.02 / 0.28 / 0.0 / 3123.40 / 1.23 / 0.16 / 0.001 *XS*
-----
B-TW AT 708 / 538 / 990. / 241. / 6897. / 1.15 / 400. / 829.
  3125.66 / 0.30 / ***** / ***** / 3125.96 / 4.10 / 0.89 / ***** *XS*
===== BEGIN BRIDGE ANALYSIS =====
BO-BC AT 708 / / 652. / 93. / 3655. / 1.00 / 0. / 28.
  3126.70 / 0.76 / ...2... (-.001) / 6.97 / 0.67 / *BO*
-----
EMBANKMENT OVERFLOW (CFS) / LEFT 345. / RIGHT 0. / *RG*
-----
C-APP AT 780 / 72 / 990. / 323. / 11942. / 1.13 / 66. / 342.
  3126.66 / 0.17 / 0.86 / 0.0 / 3126.82 / 3.07 / 0.49 / 0.009 *AS*
-----
M = **** / E = **** / K* = **** / 733. / 40685. / 1.05 / -0. / 345.
  3128.03 / 0.03 / / 3128.06 / 1.35 / 0.17 / *AS*
===== END BRIDGE ANALYSIS =====
D AT 924 / 144 / 990. / 584. / 28505. / 1.03 / 45. / 348.
  3128.15 / 0.05 / 0.12 / 0.01 / 3128.19 / 1.69 / 0.23 / 0.000 *XS*
-----
E AT 1136 / 212 / 990. / 299. / 10596. / 1.05 / 62. / 319.
  3128.77 / 0.18 / 0.69 / 0.07 / 3128.95 / 3.32 / 0.55 / 0.007 *XS*
=====
    
```

END OF THIS PROFILE

COMPUTED WSC VALUES FOR: HODGES CREEK ALL FLOODS REVISD  
PROFILE NUMBER 2, UPSTREAM COMPUTATIONS

SECID B-TW  
WSC 3125.66



PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK ALL FLOODS REVISED  
 PROFILE NUMBER 3, UPSTREAM COMPUTATIONS

SECID	ERROR (WARNING) MESSAGE	INTERMEDIATE RESULTS (IF ANY)	ACTION TAKEN
A	KU/KD < 0.7 OR > 1.4		ALERTED USER
B-TW	FRDN FAILURE	WS = 3124.85 & FR = 4.72	USED HIGHER WS
B-TW	FRDN FAILURE	WS = 3125.59 & FR = 1.30	USED HIGHER WS
B-TW	WS NOT FOUND BETWEEN	WS = 3123.65 & WS = 3135.00	USED DEL = 0.25
B-TW	FRDN FAILURE	WS = 3124.85 & FR = 4.72	USED HIGHER WS
B-TW	FRDN FAILURE	WS = 3125.59 & FR = 1.29	USED HIGHER WS
B-TW	WS NOT FOUND BETWEEN	WS = 3123.65 & WS = 3135.00	USED WSMIN = WSC
B-TW	WS NOT FOUND		ASSUMED WS = WSC
C-APP	KU/KD < 0.7 OR > 1.4		ALERTED USER
C-APP	WSU > BELMX (1)		CHECKED ORO (2)
E	KU/KD < 0.7 OR > 1.4		ALERTED USER

WATER-SURFACE PROFILE FOR: HODGES CREEK ALL FLOODS # REVISED  
 PAGE 1 OF 1, PROFILE NUMBER 3, UPSTREAM COMPUTATIONS

SECTION	AT	DIS	ANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW								
WS ELEV	HV	HF	HE	EG	V	FN	ACC	*ID*										
0	AT	135	/	0	/	3090.	/	1561.	/	119981.	/	1.24	/	15.	/	540.		
3123.68	/	0.08	/			3123.76	/	1.98	/	0.23	/						*IS*	
1	AT	170	/	305	/	1210.	/	1014.	/	70939.	/	1.01	/	430.	/	830.		
3123.90	/	0.02	/	0.17	/	0.0	/	3123.92	/	1.19	/	0.14	/	0.000			*XS*	
B-TW	AT	708	/	538	/	1210.	/	292.	/	8674.	/	1.17	/	400.	/	885.		
3125.77	/	0.31	/	*****	/	*****	/	3126.08	/	4.14	/	0.88	/	*****			*XS*	
===== BEGIN BRIDGE ANALYSIS =====																		
B0-BC	AT	708	/		/	681.	/	93.	/	3655.	/	1.00	/	0.	/	28.		
3126.70	/	0.83	/	...2...	/	(-.001)	/	7.29	/	0.70	/						*BD*	
===== EMBANKMENT OVERFLOW (CFS) / LEFT 526. / RIGHT 0. / *RG* =====																		
C-APP	AT	780	/	72	/	1210.	/	354.	/	13704.	/	1.10	/	63.	/	343.		
3126.77	/	0.20	/	0.89	/	0.0	/	3126.97	/	3.42	/	0.54	/	0.003			*AS*	
M = ****	/	E = ****	/	K* = ****	/	813.	/	47543.	/	1.07	/	-1.	/	345.				
3128.27	/	0.04	/		/	3128.30	/	1.49	/	0.19	/						*AS*	
===== END BRIDGE ANALYSIS =====																		
D	AT	924	/	144	/	1210.	/	657.	/	34621.	/	1.03	/	43.	/	348.		
3128.39	/	0.05	/	0.13	/	0.01	/	3128.44	/	1.84	/	0.24	/	0.000			*XS*	
E	AT	1136	/	212	/	1210.	/	354.	/	13591.	/	1.03	/	54.	/	323.		
3128.99	/	0.19	/	0.66	/	0.07	/	3129.17	/	3.42	/	0.54	/	0.006			*XS*	

END OF THIS PROFILE

COMPUTED WSC VALUES FOR: HODGES CREEK ALL FLOODS  
PROFILE NUMBER 3, UPSTREAM COMPUTATIONS

REVISED

SECID B-TW  
WSC 3125.77

150 630 200 200  
100 665 292 100

4 27

100  
100  
100

PAGE 1 OF PROFILE NOTES FOR: HODGES CREEK ALL FLOODS  
PROFILE NUMBER 4, UPSTREAM COMPUTATIONS

REVISED

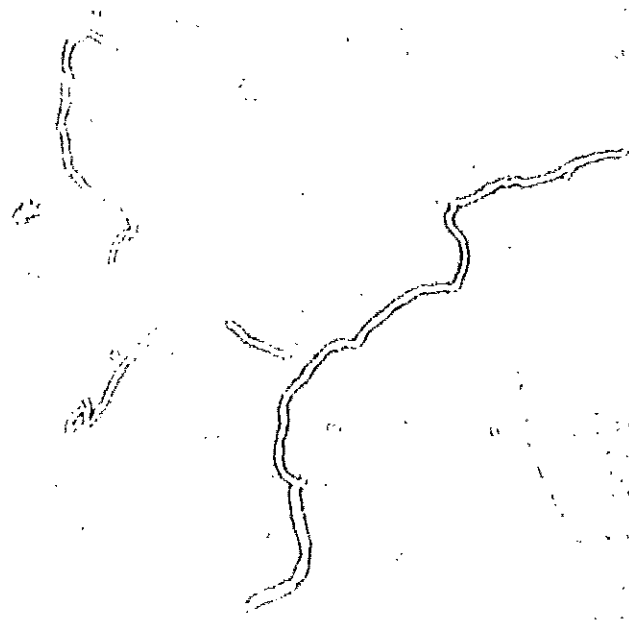
SECID; ERROR(WARNING) MESSAGE; INTERMEDIATE RESULTS(IF ANY); ACTION TAKEN

A	; KU/KD < 0.7 OR > 1.4				ALERTED USER
B-TW	; FRDN FAILURE				
		; WS = 3125.08	& FR = 5.03;		USED HIGHER WS
B-TW	; FRDN FAILURE				
		; WS = 3125.95	& FR = 1.03;		USED HIGHER WS
B-TW	; WS NOT FOUND BETWEEN				
		; WS = 3124.75	& WS = 3135.00;		USED DEL = 0.25
B-TW	; FRDN FAILURE				
		; WS = 3125.08	& FR = 5.03;		USED HIGHER WS
B-TW	; FRDN FAILURE				
		; WS = 3125.95	& FR = 1.02;		USED HIGHER WS
B-TW	; WS NOT FOUND BETWEEN				
		; WS = 3124.75	& WS = 3135.00;		USED WSMIN = WSC
B-TW	; WS NOT FOUND				ASSUMED WS = WSC
C-APP	; KU/KD < 0.7 OR > 1.4				ALERTED USER
C-APP	; WSU > BELMX (1)				CHECKED QBO (2)
E	; KU/KD < 0.7 OR > 1.4				ALERTED USER

WATER-SURFACE PROFILE FOR: HODGES CREEK ALL FLOODS REVISED  
 PAGE 1 OF 1, PROFILE NUMBER 4, UPSTREAM COMPUTATIONS

SECID	AT	DISTANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW
WS ELEV	HV	HF	HE	EG	V	FN	ACC	ID*	IS*
D	AT	-135	0	4190.	2181.	204972.	1.21	13.	540.
3124.86	0.07			3124.93	1.92	0.19			*IS*
A	AT	170	305	1880.	1455.	139215.	1.02	430.	830.
3125.00	0.03	0.10	0.0	3125.03	1.29	0.12	-0.000		*XS*
B-TW	AT	708	538	1880.	407.	13501.	1.15	400.	922.
3126.00	0.38	*****	*****	3126.38	4.62	0.92	*****		*XS*
===== BEGIN BRIDGE ANALYSIS =====									
B0-BC	AT	708		745.	93.	3655.	1.00	0.	28.
3126.70	0.99		...2...	(-.001)		7.97	0.77		*B0*
===== EMBANKMENT OVERFLOW (CFS) / LEFT 1127. / RIGHT 10. / *RG* =====									
C-APP	AT	780	72	1880.	442.	18938.	1.05	53.	343.
3127.08	0.30	1.00	0.0	3127.38	4.26	0.62	0.003		*AS*
M	=	****	E	=	****	K*	=	****	
3128.83	0.06			3128.89	1.86	0.19			*AS*
===== END BRIDGE ANALYSIS =====									
D	AT	924	144	1880.	835.	52202.	1.06	38.	349.
3128.96	0.08	0.14	0.01	3129.04	2.25	0.27	-0.000		*XS*
E	AT	1136	212	1880.	504.	23069.	1.01	44.	332.
3129.52	0.22	0.62	0.07	3129.74	3.73	0.52	0.003		*XS*

END OF THIS PROFILE



COMPUTED WSC VALUES FOR: HODGES CREEK ALL FLOODS REVISIONS  
PROFILE NUMBER 4, UPSTREAM COMPUTATIONS

SECID B-TW  
WSC 3126.00