

MCDWEDS

CRWEK

*** INPUT CARD PRINTOUT ***

0 1 2 3 4 5 6 7 8
5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0

1	1	MCDEEDS CREEK AT SOUTHERN PINES	FINAL	4	1	01	05	10						
2	2	36851												
3	3	A 1 29 1 367	0 99 99											
4	4	670												
5	10	0 1 3825 10 1 3814 20 1 3809 40 1 3796 60 1 3784												
5	11	80 1 3772 100 1 3762 120 1 3752 140 1 3728 160 1 3711												
5	12	180 1 3700 210 1 3679 240 1 3667 248 1 3663 260 1 3668												L-R
5	13	280 1 3669 284 1 3664 292 1 3664 300 1 3669 320 1 3667												
5	14	350 1 3669 390 1 3683 430 1 3700 470 1 3720 510 1 3731												
5	15	550 1 3754 590 1 3769 630 1 3789 644 1 3759												
6	20	2 4 080 080												
3	50	B 0 27 1 379	1190 99 99											
5	60	0 1 3982 30 1 3949 50 1 3922 70 1 3907 90 1 3904												
5	61	110 1 3889 130 1 3864 150 1 3841 170 1 3821 180 1 3819												
5	62	190 1 3799 200 1 3789 204 1 3789 208 1 3792 212 1 3789												L-R
5	63	217 1 3788 220 1 3794 240 1 3794 260 1 3800 268 1 3805												
5	64	274 1 3787 280 1 3787 284 1 3807 300 1 3798 320 1 3799												
5	65	325 1 3799 370 1 3877												
6	70	2 4 080 080												
3	100	C 1 24 1 387	2330 99 99											
4	110	530												
5	120	0 1 4058 40 1 4000 80 1 3960 100 1 3953 120 1 3930												
5	121	140 1 3958 160 1 3929 180 1 3915 200 1 3911 220 1 3904												L-R
5	122	240 1 3901 260 1 3897 266 1 3897 274 1 3869 288 1 3869												
5	123	292 1 3897 300 1 3899 320 1 3901 340 1 3901 360 1 3899												
5	124	380 1 3892 400 1 3898 420 1 3965 440 1 3983												
6	130	2 4 070 070												
3	140	D 1 28 1 392	2470 99 99											
4	142	390												
5	145	0 1 3992 24 1 3888 26 1 3886 32 1 3886 40 1 3920												
5	146	45 1 3921 50 1 3920 55 1 3920 60 1 3921 65 1 3918												
5	147	70 1 3916 75 1 3916 80 1 3918 85 1 3923 90 1 3927												
5	148	95 1 3928 100 1 3929 110 1 3933 120 1 3938 130 1 3943												
5	149	140 1 3950 150 1 3958 160 1 3964 170 1 3968 180 1 3972												
5	150	190 1 3975 200 1 3983 210 1 3994												
6	160	1 2 070 070												

*Added right to left
(no effect on curves)*

4 CROSS SECTIONS SPECIFIED (OR ASSUMED)

FOUND 4 TYPE 3 CARDS

KEPT 4 CROSS SECTIONS FOR EDITING

4 " " VALID FOR PROPERTY COMPUTATIONS

4 " " " PROFILE "

SECID=	A AT DISTANCE=			0			PART 1 OF 1		
WS	A	K	ALPHA	B	P	LEW	REW	QC	
367.0	33	255	1.00	120	120	232	353	97	
367.5	100	1428	1.00	147	147	220	367	464	
368.0	180	3435	1.00	173	173	209	381	1040	
368.5	271	6337	1.00	193	193	201	395	1825	
369.0	373	10105	1.00	212	212	194	406	2803	
369.5	484	14729	1.00	231	231	187	418	3968	
370.0	604	20238	1.00	250	250	180	430	5324	
370.5	734	26653	1.00	269	269	171	440	6871	
371.0	873	34020	1.00	288	288	162	450	8618	
371.5	1021	42577	1.00	305	305	155	460	10606	
372.0	1178	52183	1.00	321	321	149	470	12802	
372.5	1344	61971	1.00	345	345	144	480	15053	
373.0	1522	73002	1.00	368	368	138	496	17560	
373.5	1710	86349	1.00	383	383	134	512	20506	
374.0	1905	101081	1.00	396	396	130	526	23708	
374.5	2106	116952	1.00	409	409	126	534	27121	
375.0	2313	133975	1.00	421	422	122	543	30746	
375.5	2628	151199	1.00	439	439	114	553	34420	
376.0	2753	168274	1.00	462	463	104	644	38100	
376.5	2991	186331	1.00	488	489	94	641	41989	
377.0	3241	206069	1.00	513	514	84	639	46204	
377.5	3503	228275	1.00	534	535	75	637	50871	
378.0	3776	252145	1.00	555	556	67	634	55849	
378.5	4058	277533	1.00	576	577	58	632	61111	
379.0	4351	304251	1.00	594	598	50	644	66798	
379.5	4650	336586	1.00	602	607	42	644	73290	
380.0	4954	370559	1.00	610	615	34	644	80054	
380.5	5261	406018	1.00	618	624	26	644	87063	
381.0	5571	442696	1.00	626	632	18	644	94273	
381.5	5887	480492	1.00	635	642	9	644	101671	
382.0	6205	521862	1.00	639	647	5	644	109643	
382.5	6526	564657	1.00	644	652	0	644	117838	

CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	B AT DISTANCE=			1190			FINAL PART 1 OF 2	
WS	A	K	ALPHA	B	P	LEW	REW	QC
379.0	3	19	1.00	21	21	199	281	8
379.5	21	193	1.00	60	60	194	282	70
380.0	61	745	1.00	113	113	189	326	253
380.5	123	2122	1.00	138	138	187	328	661
381.0	195	4361	1.00	147	148	184	331	1273
381.5	270	7313	1.00	152	153	182	334	2035

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CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	B AT DISTANCE=			1190			FINAL PART 2 OF 2	
WS	A	K	ALPHA	B	P	LEW	REW	QC
382.0	347	10694	1.00	162	163	175	337	2883
382.5	432	14685	1.00	174	175	166	340	3863
383.0	521	19478	1.00	182	183	161	343	5003
383.5	614	24088	1.00	190	191	156	346	6265
384.0	711	30918	1.00	198	199	151	349	7647
384.5	812	37627	1.00	205	207	147	352	9159
385.0	916	44974	1.00	212	214	142	354	10791
385.5	1024	52951	1.00	219	221	138	357	12542
386.0	1135	61564	1.00	227	229	133	360	14411
386.5	1251	70833	1.00	234	236	129	363	16402

387.0	1369	80803	1.00	241	243	125	366	18520
387.5	1491	91427	1.00	248	250	121	369	20757
388.0	1617	103076	1.00	253	255	117	370	23187
388.5	1744	115603	1.00	257	260	113	370	25778
389.0	1873	128587	1.00	261	265	109	370	28450
389.5	2006	141530	1.00	268	272	102	370	31123
390.0	2141	155122	1.00	275	279	95	370	33914
390.5	2281	167333	1.00	287	292	85	370	36487
391.0	2430	178763	1.00	304	310	66	370	38966
391.5	2584	194992	1.00	311	317	59	370	42259
392.0	2741	211945	1.00	317	324	53	370	45682
392.5	2901	230414	1.00	322	329	48	370	49363
393.0	3063	250122	1.00	326	334	44	370	53251
393.5	3227	270538	1.00	330	338	40	370	57258
394.0	3392	291660	1.00	333	342	37	370	61382
394.5	3560	313484	1.00	337	346	33	370	65623
395.0	3729	335904	1.00	341	351	29	370	69963
395.5	3901	358606	1.00	345	356	25	370	74352
396.0	4075	382015	1.00	350	361	20	370	78861
396.5	4251	406133	1.00	355	366	15	370	83488
397.0	4429	430962	1.00	359	371	11	370	88235
397.5	4610	456506	1.00	364	376	6	370	93101
398.0	4793	482766	1.00	368	381	2	370	98087
398.2	4867	493469	1.00	370	383	0	370	100114

CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	C AT DISTANCE=		2330					FINAL	PART 1 OF 2
WS	A	K	ALPHA	B	P	LEW	REW	QC	
387.0	1	6	1.00	14	14	274	288	3	
387.5	9	130	1.00	17	17	272	289	39	
388.0	18	366	1.00	19	19	271	290	100	
388.5	28	703	1.00	21	22	269	290	183	

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CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	C AT DISTANCE=		2330					FINAL	PART 2 OF 2
WS	A	K	ALPHA	B	P	LEW	REW	QC	
389.0	39	1140	1.00	23	24	268	291	286	
389.5	54	1285	1.00	44	45	267	390	337	
390.0	90	1594	1.00	116	117	245	401	447	
390.5	172	3472	1.00	185	186	217	402	941	
391.0	269	6902	1.00	201	202	203	404	1761	
391.5	375	11139	1.00	225	227	180	405	2740	
392.0	489	16954	1.00	234	235	173	407	4915	
392.5	608	23787	1.00	242	244	166	408	5465	
393.0	732	31668	1.00	250	252	159	410	7094	
393.5	860	40088	1.00	263	265	116	411	8817	
394.0	995	49489	1.00	276	278	111	413	10710	
394.5	1136	59887	1.00	289	291	107	414	12776	
395.0	1283	71302	1.00	302	304	103	416	15015	
395.5	1438	83102	1.00	319	321	94	417	17328	
396.0	1603	95612	1.00	339	342	80	419	19778	
396.5	1773	111765	1.00	345	348	75	420	22806	
397.0	1949	128170	1.00	356	359	70	426	25874	
397.5	2129	145696	1.00	366	369	65	431	29120	
398.0	2315	164354	1.00	377	380	60	437	32546	
398.5	2505	184774	1.00	385	389	55	440	36252	
399.0	2699	207237	1.00	390	394	50	440	40276	
399.5	2895	230800	1.00	395	400	45	441	44464	
400.0	3094	255455	1.00	400	405	40	441	48811	

400.5	3295	281942	1.00	403	409	37	440	53411
401.0	3498	309304	1.00	407	413	33	440	58163
401.5	3702	337831	1.00	410	417	30	440	63067
402.0	3908	367409	1.00	414	421	26	440	68119
402.5	4116	398029	1.00	417	425	23	440	73318
403.0	4325	429682	1.00	421	429	19	440	78661
403.5	4536	462359	1.00	424	433	16	440	84149
404.0	4749	496054	1.00	428	437	12	440	89778
404.5	4964	530758	1.00	431	441	9	440	95548
405.0	5180	566468	1.00	434	445	6	440	101458
405.5	5399	603176	1.00	438	449	2	440	107507
405.8	5530	625677	1.00	440	451	0	440	111202

CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	D AT	DISTANCE=	2470						FINAL
WS	A	K	ALPHA	D	P	LEW	REW	PART 1 OF 2	QC
392.0	58	1458	1.00	44	45	17	82		378
392.5	91	2248	1.00	72	74	15	88		584
393.0	131	3578	1.00	88	90	14	103		904

USGS COMPUTER PROGRAM J635 -- VERSION P-84.001 *** PAGE = 6 RUN DATE=01/21/86 15:02

CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	D AT	DISTANCE=	2470						FINAL
WS	A	K	ALPHA	B	P	LEW	REW	PART 2 OF 2	QC
393.5	178	5483	1.00	101	103	13	114		1344
394.0	231	7905	1.00	112	114	12	124		1887
394.5	290	10884	1.00	122	124	11	133		2538
395.0	353	14460	1.00	130	132	10	140		3298
395.5	420	18617	1.00	138	140	9	146		4163
396.0	491	23216	1.00	146	148	7	153		5108
396.5	566	28151	1.00	156	159	6	163		6116
397.0	648	33325	1.00	170	173	5	175		7176
397.5	737	38869	1.00	186	189	4	190		8314
398.0	832	46342	1.00	193	196	3	196		9778
398.5	930	54588	1.00	200	203	2	202		11371
399.0	1032	63663	1.00	206	209	0	206		13097
399.4	1115	71460	1.00	210	213	0	210		14569

USGS COMPUTER PROGRAM J635 -- VERSION P-84.001 *** PAGE = 7 RUN DATE=01/21/86 15:02

PAGE 1 OF PROFILE NOTES FOR: MCDEEDS CREEK AT SOUTHERN PINES
PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

FINAL

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

B; WS TOO LOW

C; WS TOO LOW

D; KC/KD < 0.7 OR > 1.4

USED WSMIN = WSC

USED WSMIN = WSC

ALERTED USER

USGS COMPUTER PROGRAM J635 -- VERSION P-84.001 *** PAGE = 8 RUN DATE=01/21/86 15:02

WATER-SURFACE PROFILE FOR: MCDEEDS CREEK AT SOUTHERN PINES
PAGE 1 OF 1, PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

FINAL

SECID	AT	DISTANCE	LENGTH	DISCHARGE	AREA	CONVEYANCE	ALPHA	LEW	REW
WS ELEV		HV	HF	HE	EG	V	FN	ACC	*ID*
A	AT	0	0	670	273	6405	1.00	201	395
368.51		0.09			368.50	2.45	0.36		*IS*
B	AT	1190	1190	670	250	6482	1.00	183	333
381.37		0.11	12.87	0.01	381.48	2.68	0.37	0.000	*XS*
C	AT	2330	1140	530	262	6634	1.00	204	403
390.97		0.06	9.54	0.00	391.03	2.03	0.31	0.004	*XS*
D	AT	2470	140	390	100	2571	1.00	15	89
392.62		0.24	1.74	0.09	392.85	3.90	0.59	0.002	*XS*

END OF THIS PROFILE

USGS COMPUTER PROGRAM JG35 -- VERSION P-84.001 *** PAGE = 9 RUN DATE=01/21/86 15:02

COMPUTED WSC VALUES FOR: MCDEEDS CREEK AT SOUTHERN PINES FINAL
 PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

SECID B C
 WSC 380.51 390.17

*** INPUT CARD PRINTOUT ***

05.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0.....5.....0

Line	Station	Section	1	2	3	4	5	6	7	8	9	10	11	12
1	1	MCDEEDS CREEK AT SOUTHERN PINES												
2	2	36851												
3	3	A 1	29	1	367	0	99	99						
4	4	670												
5	10	0	1	3825	10	1	3814	20	1	3809	40	1	3796	60
5	11	80	1	3772	100	1	3762	120	1	3752	140	1	3728	160
5	12	180	1	3700	210	1	3679	240	1	3667	248	1	3663	260
5	13	280	1	3669	284	1	3664	292	1	3664	300	1	3669	320
5	14	350	1	3669	390	1	3683	430	1	3700	470	1	3720	510
5	15	550	1	3754	590	1	3769	630	1	3789	644	1	3759	
6	20	2	4	080	080									
3	50	B 0	27	1	379	1190	99	99						
5	60	0	1	3982	30	1	3949	50	1	3922	70	1	3907	90
5	61	110	1	3889	130	1	3864	150	1	3841	170	1	3821	180
5	62	190	1	3799	200	1	3789	204	1	3789	208	1	3792	212
5	63	217	1	3788	220	1	3794	240	1	3794	260	1	3800	268
5	64	274	1	3787	280	1	3787	284	1	3807	300	1	3798	320
5	65	325	1	3799	370	1	3877							
6	70	2	4	080	080									
3	100	C 1	24	1	387	2330	99	99						
4	110	530												
5	120	0	1	4058	40	1	4000	80	1	3960	100	1	3953	120
5	121	140	1	3958	160	1	3929	180	1	3915	200	1	3911	220
5	122	240	1	3901	260	1	3897	266	1	3897	274	1	3869	288
5	123	292	1	3897	300	1	3899	320	1	3901	340	1	3901	360
5	124	380	1	3892	400	1	3898	420	1	3965	440	1	3983	
6	130	2	4	070	070									
3	200	D 1	27	1	396	2760	99	99						
4	210	350												
5	220	0	1	4252	8	1	4256	30	1	4189	50	1	4170	70
5	221	90	1	4143	110	1	4123	130	1	4102	150	1	4093	170
5	222	190	1	4079	210	1	4066	230	1	4057	250	1	4047	270
5	223	290	1	4030	310	1	4018	320	1	4016	340	1	4007	345
5	224	350	1	3960	360	1	3952	364	1	3957	376	1	4014	390
5	225	420	1	4196	434	1	4205							
6	240	2	4	080	080									

Section D is on tributary

Tributary

4 CROSS SECTIONS SPECIFIED (OR ASSUMED)
 FOUND 4 TYPE 3 CARDS
 KEPT 4 CROSS SECTIONS FOR EDITING
 4 " " VALID FOR PROPERTY COMPUTATIONS
 4 " " " " PROFILE "

SECID= WS	A AT DISTANCE= A	K	ALPHA	B	P	LEW	REW	PART 1 OF 1 QC
367.0	33	255	1.00	120	120	232	353	97
367.5	100	1428	1.00	147	147	220	367	464
368.0	180	3435	1.00	173	173	209	381	1040
368.5	271	6337	1.00	193	193	201	395	1825
369.0	373	10105	1.00	212	212	194	406	2803
369.5	484	14729	1.00	231	231	187	418	3968
370.0	604	20238	1.00	250	250	180	430	5324
370.5	734	26653	1.00	269	269	171	440	6871
371.0	873	34020	1.00	288	288	162	450	8618
371.5	1021	42577	1.00	305	305	155	460	10606
372.0	1170	52183	1.00	321	321	149	470	12802
372.5	1344	61971	1.00	345	345	144	488	15053
373.0	1522	73002	1.00	368	368	138	506	17560
373.5	1710	86349	1.00	383	383	134	517	20506
374.0	1905	101081	1.00	396	396	130	526	23708
374.5	2106	116952	1.00	409	409	126	534	27121
375.0	2313	133975	1.00	421	422	122	543	30746
375.5	2528	151199	1.00	439	439	114	553	34420
376.0	2753	168274	1.00	462	463	104	644	38100
376.5	2991	186331	1.00	488	489	94	641	41989
377.0	3241	206069	1.00	513	514	84	639	46204
377.5	3503	228275	1.00	534	535	75	637	50871
378.0	3776	252145	1.00	555	556	67	634	55849
378.5	4058	277533	1.00	576	577	58	632	61111
379.0	4351	304251	1.00	594	598	50	644	66798
379.5	4650	336586	1.00	602	607	42	644	73290
380.0	4954	370559	1.00	610	615	34	644	80054
380.5	5261	406018	1.00	618	624	26	644	87063
381.0	5571	442696	1.00	626	632	18	644	94273
381.5	5887	480492	1.00	635	642	9	644	101671
382.0	6205	521862	1.00	639	647	5	644	109643
382.5	6526	564657	1.00	644	652	0	644	117838

CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID= WS	B AT DISTANCE= A	K	ALPHA	B	P	LEW	REW	PART 1 OF 2 QC
379.0	3	19	1.00	21	21	199	281	8
379.5	21	193	1.00	60	60	194	282	70
380.0	61	745	1.00	113	113	189	326	253
380.5	123	2122	1.00	138	138	187	328	661
381.0	195	4361	1.00	147	148	184	331	1273
381.5	270	7313	1.00	152	153	182	334	2035

USGS COMPUTER PROGRAM J635 -- VERSION P-84.001 *** PAGE = 4 RUN DATE=01/21/86 15:02

CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID= WS	B AT DISTANCE= A	K	ALPHA	B	P	LEW	REW	PART 2 OF 2 QC
382.0	347	10694	1.00	162	163	175	337	2883
382.5	432	14685	1.00	174	175	166	340	3863
383.0	521	19478	1.00	182	183	161	343	5003
383.5	614	24888	1.00	190	191	156	346	6265
384.0	711	30918	1.00	198	199	151	349	7647
384.5	812	37627	1.00	205	207	147	352	9159
385.0	916	44974	1.00	212	214	142	354	10791
385.5	1024	52951	1.00	219	221	138	357	12542
386.0	1135	61564	1.00	227	229	133	360	14411
386.5	1251	70833	1.00	234	236	129	363	16402

387.0	1369	00803	1.00	241	243	125	366	18520
387.5	1491	91427	1.00	248	250	121	369	20757
388.0	1617	103076	1.00	253	255	117	370	23187
388.5	1744	115603	1.00	257	260	113	370	25778
389.0	1873	128587	1.00	261	265	109	370	28450
389.5	2006	141530	1.00	268	272	102	370	31123
390.0	2141	155122	1.00	275	279	95	370	33914
390.5	2281	167333	1.00	287	292	83	370	36487
391.0	2430	178763	1.00	304	310	66	370	38966
391.5	2584	194992	1.00	311	317	59	370	42259
392.0	2741	211945	1.00	317	324	53	370	45682
392.5	2901	230414	1.00	322	329	48	370	49363
393.0	3063	250122	1.00	326	334	44	370	53251
393.5	3227	270538	1.00	330	338	40	370	57258
394.0	3392	291660	1.00	333	342	37	370	61382
394.5	3560	313484	1.00	337	346	33	370	65623
395.0	3729	335904	1.00	341	351	29	370	69963
395.5	3901	358606	1.00	345	356	25	370	74352
396.0	4075	382015	1.00	350	361	20	370	78861
396.5	4251	406133	1.00	355	366	15	370	83488
397.0	4429	430962	1.00	359	371	11	370	88235
397.5	4610	456506	1.00	364	376	6	370	93101
398.0	4793	482766	1.00	368	381	2	370	98087
398.2	4867	493469	1.00	370	383	0	370	100114

CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES RUN1

SECID=	C AT DISTANCE=	2330						PART	1 OF 2
WS	A	K	ALPHA	B	P	LEW	REW	QC	
387.0	1	6	1.00	14	14	274	288	3	
387.5	9	130	1.00	17	17	272	289	39	
388.0	18	366	1.00	19	19	271	290	100	
388.5	28	703	1.00	21	22	269	290	183	

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CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES RUN1

SECID=	C AT DISTANCE=	2330						PART	2 OF 2
WS	A	K	ALPHA	B	P	LEW	REW	QC	
389.0	39	1140	1.00	23	24	268	291	286	
389.5	54	1285	1.00	44	45	267	390	337	
390.0	90	1594	1.00	116	117	245	401	447	
390.5	172	3472	1.00	185	186	217	402	941	
391.0	269	6902	1.00	201	202	203	404	1761	
391.5	375	11139	1.00	225	227	180	405	2740	
392.0	489	16954	1.00	234	235	173	407	4015	
392.5	608	23787	1.00	242	244	166	408	5465	
393.0	732	31668	1.00	250	252	159	410	7094	
393.5	860	40088	1.00	263	265	116	411	8817	
394.0	995	49489	1.00	276	278	111	413	10710	
394.5	1136	59887	1.00	289	291	107	414	12776	
395.0	1283	71302	1.00	302	304	103	416	15015	
395.5	1438	83102	1.00	319	321	94	417	17328	
396.0	1603	95612	1.00	339	342	80	419	19778	
396.5	1773	111765	1.00	345	348	75	420	22806	
397.0	1949	128170	1.00	356	359	70	426	25874	
397.5	2129	145696	1.00	366	369	65	431	29120	
398.0	2315	164354	1.00	377	380	60	437	32546	
398.5	2505	184774	1.00	385	389	55	440	36252	
399.0	2699	207237	1.00	390	394	50	440	40276	
399.5	2895	230800	1.00	395	400	45	440	44464	
400.0	3094	255455	1.00	400	405	40	440	48811	

400.5	3295	261842	1.00	403	409	37	440	53411
401.0	3498	309304	1.00	407	413	33	440	58163
401.5	3702	337831	1.00	410	417	30	440	63067
402.0	3908	367409	1.00	414	421	26	440	68119
402.5	4116	398029	1.00	417	425	23	440	73318
403.0	4325	429682	1.00	421	429	19	440	78661
403.5	4536	462359	1.00	424	433	16	440	84149
404.0	4749	496054	1.00	428	437	12	440	89778
404.5	4964	530758	1.00	431	441	9	440	95548
405.0	5180	566468	1.00	434	445	6	440	101458
405.5	5399	603176	1.00	438	449	2	440	107507
405.8	5530	625677	1.00	440	451	0	440	111202

CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	D. AT	DISTANCE=	2760						RUN1
MS	A	K	ALPHA	B	P	LEW	REW	PART 1 OF 3	
								QC	
396.0	6	66	1.00	15	15	350	365	23	
396.5	14	232	1.00	16	17	349	366	74	
397.0	23	477	1.00	18	19	349	367	144	

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CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	D. AT	DISTANCE=	2760						RUN1
MS	A	K	ALPHA	B	P	LEW	REW	PART 2 OF 3	
								QC	
397.5	32	797	1.00	20	21	348	368	231	
398.0	42	1191	1.00	21	22	348	369	337	
398.5	53	1659	1.00	23	24	347	370	459	
399.0	65	2204	1.00	24	26	347	371	600	
399.5	78	2828	1.00	26	28	346	372	758	
400.0	91	3532	1.00	28	30	345	373	935	
400.5	105	4148	1.00	32	34	342	374	1093	
401.0	124	4530	1.00	42	45	333	375	1204	
401.5	147	5159	1.00	54	57	322	377	1378	
402.0	180	5958	1.00	73	76	307	379	1603	
402.5	219	7548	1.00	84	87	298	382	2006	
403.0	263	9489	1.00	95	98	290	385	2491	
403.5	314	11579	1.00	110	113	277	387	3017	
404.0	373	14194	1.00	124	128	266	391	3663	
404.5	438	17472	1.00	137	140	254	391	4453	
405.0	509	21298	1.00	148	151	244	392	5362	
405.5	586	25668	1.00	159	163	234	393	6385	
406.0	668	30497	1.00	171	174	223	394	7506	
406.5	757	35846	1.00	183	187	212	395	8737	
407.0	850	42136	1.00	192	196	204	396	10154	
407.5	949	49090	1.00	201	205	196	397	11700	
408.0	1051	56694	1.00	209	213	189	398	13372	
408.5	1157	65139	1.00	216	220	183	399	15201	
409.0	1267	74179	1.00	223	227	177	400	17141	
409.5	1381	80001	1.00	247	252	146	401	18524	
410.0	1512	88326	1.00	267	272	134	402	20397	
410.5	1648	99916	1.00	275	280	127	403	22859	
411.0	1787	112798	1.00	281	286	122	403	25550	
411.5	1929	126406	1.00	287	292	118	404	28368	
412.0	2074	140740	1.00	293	298	113	405	31312	
412.5	2221	155771	1.00	298	304	108	406	34376	
413.0	2372	171486	1.00	304	310	103	407	37559	
413.5	2526	187937	1.00	310	316	98	408	40868	
414.0	2682	205128	1.00	316	322	93	409	44305	
414.5	2842	222593	1.00	323	330	87	410	47792	
415.0	3006	240132	1.00	332	338	79	411	51380	

415.5	3174	258474	1.00	341	347	72	412	54953
416.0	3346	277850	1.00	349	355	64	413	58785
416.5	3523	298101	1.00	357	364	57	414	62769
417.0	3703	319183	1.00	365	372	50	415	66899
417.5	3887	342163	1.00	371	378	45	416	71343
418.0	4074	365964	1.00	377	385	39	417	75923
418.5	4265	390591	1.00	384	391	34	418	80641
419.0	4458	416543	1.00	389	397	30	419	85576
419.5	4653	445297	1.00	392	400	28	420	90955

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CROSS-SECTION PROPERTIES FOR: MCDEEDS CREEK AT SOUTHERN PINES

SECID=	D AT DISTANCE=		2760						RUN1
WS	A	K	ALPHA	B	P	LEW	REW	PART 3 OF 3	QC
420.0	4851	470866	1.00	400	408	26	426		95831
420.5	5053	496354	1.00	409	417	25	434		107707
421.0	5258	528504	1.00	411	419	23	434		106785
421.5	5464	561461	1.00	413	422	21	434		112786
422.0	5671	595218	1.00	414	424	20	434		119009
422.5	5878	629766	1.00	416	426	18	434		125352
423.0	6086	665097	1.00	417	428	17	434		131815
423.5	6296	701205	1.00	419	430	15	434		138395
424.0	6506	738081	1.00	421	433	13	434		145092
424.5	6716	775721	1.00	422	435	12	434		151904
425.0	6929	814117	1.00	424	437	10	434		158831
425.5	7141	845750	1.00	432	445	6	434		164745
425.6	7185	850690	1.00	434	448	0	434		165798

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PAGE 1 OF PROFILE NOTES FOR: MCDEEDS CREEK AT SOUTHERN PINES
PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

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

B; WS TOO LOW	;	USED WSMIN = WSC
C; WS TOO LOW	;	USED WSMIN = WSC
D; WS TOO LOW	;	USED WSMIN = WSC
D; KU/KD < 0.7 OR > 1.4	;	ALERTED USER

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WATER-SURFACE PROFILE FOR: MCDEEDS CREEK AT SOUTHERN PINES
PAGE 1 OF 1, PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

SECID AT DISTANCE/	LENGTH/DISCHARGE/	AREA /CONVEYANCE/	ALPHA/	LEW /	REW
WS ELEV /	HV / HF /	HE / EG / V /	FN /	ACC	*ID*
A AT 0 / 0 /	676. / 273. /	6405. / 1.00 /	201. /	395.	
368.51 / 0.09 /	/ 368.60 /	2.45 /	0.36 /		*IS*
B AT 1190. / 1190. /	670. / 250. /	6492. / 1.00 /	183. /	333.	
381.37 / 0.11 /	12.87 / 0.01 /	381.48 /	2.68 /	0.37 /	0.000 *XS*

C AT 2350 / 1147 / 530. / 262. / 6634 / 1.00 / 284. / 403.
390.97 / 0.08 / 9.54 / 0.00 / 391.03 / 2.03 / 0.31 / 0.004 *XS*

D AT 2760 / 430 / 350. / 52. / 1608. / 1.00 / 347. / 370.
398.45 / 0.71 / 7.80 / 0.32 / 399.16 / 6.74 / 0.78 / 0.002 *XS*

END OF THIS PROFILE

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COMPUTED WSC VALUES FOR: MCDEEDS CREEK AT SOUTHERN PINES
PROFILE NUMBER 1, UPSTREAM COMPUTATIONS

RUN1

SECID	B	C	D
WSC	380.51	390.17	398.05