```
1*****************************************
 *  HEC-2 WATER SURFACE PROFILES          *
 *                                        *
 *  Version   4.6.2;  May 1991            *
 *                                        *
 *  RUN DATE    15APR04    TIME   14:30:58 *
 *****************************************
```

```
**************************************
*  U.S. ARMY CORPS OF ENGINEERS      *
*  HYDROLOGIC ENGINEERING CENTER     *
*  609 SECOND STREET, SUITE D        *
*  DAVIS, CALIFORNIA 95616-4687      *
*          (916) 756-1104            *
**************************************
```

```
X     X  XXXXXXX   XXXXX             XXXXX
X     X  X        X     X           X     X
X     X  X        X                       X
XXXXXXX  XXXX     X         XXXXX    XXXXX
X     X  X        X                 X
X     X  X        X     X           X
X     X  XXXXXXX  XXXXX             XXXXXXX
```

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15APR04 14:30:58

THIS RUN EXECUTED 15APR04 14:30:58

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**************************************
 HEC-2 WATER SURFACE PROFILES

 Version   4.6.2;  May 1991
**************************************
```

```
T1      CALFSKIN CREEK BEGINNING 1/2 MI. NORTH OF PAWNEE
T2      EXTENDING SOUTH TO PAWNEE
T3      ASSUMED STARTING WATER SURFACE BASED ON
T4      UNIFORM FLOW DEPTH OF CROSS SECTION 25654
T5      100-YR FLOODPLAIN
```

```
J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

       0         2         0         0         0         0         0         0    1326.6

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

       1         0        -1

J3  VARIABLE CODES FOR SUMMARY PRINTOUT

    110       115       150       200

QT        2      4710      4710

NC     .045      .045      .040       0.1       0.3
```

ET			9.1						5306	6260
X1	25694	34	5306	5337	0	0	0		1187.4	
GR	142.7	5000	142	5024	141	5066	140	5108	139	5145
GR	138	5179	137	5214	136	5249	135	5306	134	5312
GR	133	5317	133	5324	134	5329	135	5332	136	5337
GR	137	5352	138	5376	139	5400	140	5426	141	5524
GR	141	5577	140	5745	139	5807	138	5869	137	5971
GR	136	6107	136	6379	137	6420	138	6443	139	6467
GR	140	6496	141	6521	142	6555	143	6577		

ET			9.1						5305	6240
X1	25747	36	5305	5341	49	73	53		1187.4	
GR	143	5016	142	5053	141	5094	140	5131	139	5168
GR	138	5203	137	5243	136	5305	135	5308	134	5311
GR	133	5316	133	5326	134	5328	135	5333	136	5337
GR	137	5341	138	5358	139	5378	140	5397	141	5437
GR	142	5497	142	5608	141	5681	140	5758	139	5817
GR	138	5883	137	6000	136	6106	136	6361	137	6411
GR	138	6435	139	6457	140	6486	141	6513	142	6550

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GR	143	6576

ET			9.1						5306	6200
X1	25797	41	5306	5349	44	78	50		1187.4	
GR	144	5010	143	5047	142	5085	141	5125	140	5162
GR	139	5212	138	5254	137	5306	136	5313	135	5318
GR	134	5320	133	5322	132	5325	132	5328	133	5336
GR	134	5337	135	5338	136	5339	137	5345	138	5349
GR	139	5366	140	5384	141	5407	142	5451	143	5510
GR	143	5596	142	5657	141	5706	140	5763	139	5822
GR	138	5898	137	6017	136	6145	136	6322	137	6402
GR	138	6421	139	6440	140	6465	141	6495	142	6534
GR	143	6567								

ET			9.1						5307	6162
X1	25824	43	5307	5354	20	56	27		1187.4	
GR	144	5017	143	5057	142	5100	141	5142	140	5183
GR	139	5230	138	5262	137	5307	136	5314	135	5318
GR	134	5320	133	5322	133	5337	134	5338	135	5339
GR	136	5340	137	5343	138	5349	139	5354	140	5377
GR	141	5394	142	5436	143	5487	143	5608	142	5662
GR	141	5706	140	5751	139	5816	138	5905	137	6024
GR	137	6355	138	6395	139	6413	140	6432	141	6454
GR	142	6482	143	6510	144	6540	144	6566	144	6578
GR	145	6583	146	6587	146	6603				

ET			9.1						5422	6090

X1	26003	29	5422	6090	158	300	180		1187.4	
GR	143	5101	142	5148	141	5192	140	5258	139	5306
GR	138	5415	137	5422	136	5427	135	5430	134	5432
GR	133	5435	133	5446	134	5447	135	5448	136	5449
GR	137	5450	138	5454	139	5458	140	5461	141	5465
GR	141	5501	134	5545	134	6052	138	6090	139	6110
GR	140	6152	141	6261	142	6328	143	6354		
ET			9.1						5770	6062
X1	26358	32	5772	6062	315	470	355		1187.4	
GR	145	5000	144	5058	143	5095	142	5193	141	5249
GR	140	5303	139	5365	138	5707	138	5734	138	5772
GR	137	5774	136	5777	135	5779	134	5782	133	5784
GR	133	5791	134	5792	135	5793	136	5794	137	5795
GR	138	5800	139	5812	139	5825	138	5836	138	5847
GR	138	5862	134	5886	134	6062	141	6105	142	6141
GR	143	6184	145	6431						

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ET			9.1						5620	5900
X1	26678	30	5628	5737	300	340	320		1187.4	
GR	143	5008	142	5061	141	5134	140	5207	139	5274
GR	139	5413	139	5508	139	5528	139	5628	138	5631
GR	137	5634	136	5635	135	5636	134	5637	133	5638
GR	133	5646	134	5647	135	5648	136	5649	137	5650
GR	138	5652	139	5670	139	5707	134	5737	134	5945
GR	142	5994	143	6004	145	6151	146	6194	147	6245
ET			9.1						5415	5690
X1	26889	37	5475	5524	211	211	211		1187.4	
GR	144	5027	143	5059	142	5148	141	5203	140	5291
GR	140	5315	140	5318	139	5415	137	5475	136	5476
GR	135	5477	135	5481	136	5482	137	5483	138	5484
GR	138	5495	137	5499	136	5500	135	5501	134	5502
GR	133	5504	133	5508	134	5510	135	5511	136	5512
GR	137	5513	138	5515	139	5524	140	5637	141	5686
GR	142	5749	143	5793	144	5829	145	5933	145	6089
GR	146	6165	147	6259						
ET			9.1						5310	5570
X1	27130	40	5414	5441	257	228	241		1187.4	
GR	145	5018	144	5053	144	5085	144	5106	143	5130
GR	142	5166	141	5202	140	5242	139	5304	138	5350
GR	137	5392	136	5393	135	5394	135	5395	136	5396
GR	137	5397	138	5399	138	5414	137	5414	136	5415
GR	135	5416	134	5417	134	5422	135	5424	136	5427
GR	137	5429	138	5431	139	5441	139	5462	139	5491

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GR      140      5534      141      5582      142      5737      143      5768      144      5791
GR      147      5812      148      5848      148      5931      147      6149      147      6190

ET                         9.1                                                     5210      5550

X1    27488        37      5409      5432      348       358       358               1187.4
GR      145      5025      145      5030      145      5060      144      5082      143      5100
GR      142      5130      141      5179      140      5285      140      5406      140      5409
GR      139      5414      138      5417      137      5418      136      5419      135      5420
GR      134      5421      134      5425      135      5427      136      5428      137      5430
GR      138      5431      139      5432      139      5443      138      5447      138      5460
GR      139      5484      140      5509      141      5534      142      5560      143      5577
GR      144      5594      146      5596      146      5663      147      5704      148      5745
GR      149      5787      150      5892

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ET                         9.1                                                     5400      5750

X1    27770        35      5622      5677      321       251       282               1187.4
GR      145      5046      144      5099      143      5176      142      5265      141      5488
GR      140      5622      139      5641      138      5642      137      5643      136      5644
GR      135      5645      135      5652      136      5653      137      5655      138      5656
GR      139      5671      140      5677      140      5683      139      5692      138      5700
GR      138      5709      139      5736      140      5765      141      5795      142      5824
GR      143      5830      144      5835      145      5856      146      5877      147      5983
GR      149      6059      150      6103      151      6150      151      6281      151      6349

ET                         9.1                                                     5565      5950

X1    28017        32      5849      5879      261       234       247               1187.4
GR      146      5029      145      5074      144      5196      143      5366      142      5479
GR      141      5692      140      5849      139      5851      138      5852      137      5853
GR      136      5854      135      5855      135      5859      136      5860      137      5862
GR      138      5864      139      5865      140      5879      140      5885      139      5902
GR      139      5943      140      5984      141      6026      142      6034      144      6042
GR      145      6060      146      6079      147      6222      148      6252      149      6283
GR      150      6314      151      6335

ET                         9.1                                                     5605      6020

X1    28240        34      5925      5950      223       230       223               1187.4
GR      146      5008      145      5046      144      5174      143      5455      142      5570
GR      141      5788      141      5901      141      5923      140      5925      139      5928
GR      138      5931      137      5933      136      5936      136      5941      137      5942
GR      138      5944      139      5945      140      5950      141      5963      141      5965
GR      140      5991      139      6017      139      6052      140      6088      141      6100
GR      144      6114      145      6132      146      6152      147      6273      148      6304
GR      149      6335      150      6361      151      6452      152      6593

ET                         9.1                                                     5660      6050
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X1	28513	32	5985	6005	265	275	273		1187.4	
GR	145	5036	145	5097	144	5400	143	5512	142	5643
GR	141	5881	140	5985	139	5987	138	5988	137	5990
GR	137	5996	138	5997	139	6003	140	6004	141	6005
GR	141	6011	140	6042	139	6057	139	6060	140	6090
GR	141	6113	142	6151	143	6161	144	6165	145	6200
GR	146	6301	147	6325	148	6342	149	6358	150	6471
GR	151	6592	152	6714						

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ET			9.1						5650	6050
X1	28588	33	5987	6011	66	80	75		1187.4	
GR	145	5022	145	5031	146	5032	146	5058	145	5061
GR	144	5268	143	5430	142	5659	141	5789	140	5928
GR	140	5943	140	5987	139	5989	138	5991	137	5994
GR	137	6001	138	6006	139	6008	140	6011	140	6027
GR	140	6051	141	6097	142	6167	143	6212	144	6257
GR	145	6294	146	6351	147	6410	148	6488	149	6535
GR	150	6588	150	6590	150	6647				
ET			9.1						5660	6060
X1	28611	11	5980	6050	23	23	23		1187.4	
X3	10									
GR	146	5088	145	5266	144	5443	143	5661	143	5710
GR	144	5848	145	5980	145	6050	146	6329	147	6410
GR	148	6470								

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1
0

CCHV= .100 CEHV= .300
*SECNO 25694.000

3265 DIVIDED FLOW

25694.000	6.20	1326.60	.00	1326.60	1326.67	.07	.00	.00	1322.40
4710.0	802.1	545.4	3362.4	389.4	161.2	1721.4	.0	.0	1323.40
.00	2.06	3.38	1.95	.045	.040	.045	.000	1320.40	5137.60
.000942	0.	0.	0.	0	0	0	.00	945.79	6472.80

*SECNO 25747.000

3265 DIVIDED FLOW

25747.000	6.26	1326.66	.00	.00	1326.75	.09	.07	.00	1323.40
4710.0	519.4	645.5	3545.1	268.6	178.2	1622.0	3.4	1.4	1324.40
.01	1.93	3.62	2.19	.045	.040	.045	.000	1320.40	5158.57
.001169	49.	53.	73.	0	0	0	.00	886.70	6464.39

*SECNO 25797.000

3265 DIVIDED FLOW

25797.000	7.34	1326.74	.00	.00	1326.85	.11	.09	.01	1324.40
4710.0	220.4	743.9	3745.7	132.5	196.1	1527.9	6.6	2.8	1325.40
.02	1.66	3.79	2.45	.045	.040	.045	.000	1319.40	5195.59
.001478	44.	50.	78.	1	0	0	.00	821.89	6448.21

*SECNO 25824.000

3265 DIVIDED FLOW

25824.000	6.39	1326.79	.00	.00	1326.97	.18	.10	.02	1324.40
4710.0	278.4	952.9	3478.7	116.4	192.0	1190.4	8.5	3.8	1326.40
.02	2.39	4.96	2.92	.045	.040	.045	.000	1320.40	5212.01
.002909	20.	27.	56.	0	0	0	.00	779.95	6420.27

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 26003.000

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 4.27

26003.000	6.65	1327.05	.00	.00	1327.08	.03	.09	.01	1324.40
4710.0	69.4	4628.4	12.2	150.0	3263.6	31.7	20.4	7.9	1325.40
.06	.46	1.42	.38	.045	.040	.045	.000	1320.40	5274.99
.000160	158.	180.	300.	2	0	0	.00	812.57	6137.13

*SECNO 26358.000

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .42

26358.000	6.70	1327.10	.00	.00	1327.22	.12	.11	.03	1325.40

4710.0	619.1	3894.7	196.2	535.4	1299.5	99.7	42.2	14.2	1321.40
.10	1.16	3.00	1.97	.045	.040	.045	.000	1320.40	5321.70
.000894	315.	355.	470.	2	0	0	.00	775.30	6097.00

*SECNO 26678.000

26678.000	6.97	1327.37	.00	.00	1327.48	.11	.27	.00	1326.40
4710.0	320.2	513.8	3876.0	375.0	278.8	1351.0	56.7	19.8	1321.40
.13	.85	1.84	2.87	.045	.040	.045	.000	1320.40	5208.99
.000741	300.	320.	340.	2	0	0	.00	772.58	5981.57

*SECNO 26889.000

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

26889.000	7.95	1328.35	1328.35	.00	1329.13	.78	.39	.20	1324.40
4710.0	1956.4	2016.5	737.1	383.3	216.6	186.1	63.5	22.8	1326.40
.14	5.10	9.31	3.96	.045	.040	.045	.000	1320.40	5207.31
.009960	211.	211.	211.	20	12	0	.00	476.29	5683.60

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 27130.000

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.40

27130.000	8.47	1329.87	.00	.00	1330.04	.17	.85	.06	1325.40
4710.0	2628.8	765.2	1316.0	803.3	161.7	549.3	70.0	25.8	1326.40
.16	3.27	4.73	2.40	.045	.040	.045	.000	1321.40	5149.11
.001730	257.	241.	228.	3	0	0	.00	602.43	5751.54

*SECNO 27488.000

27488.000	9.12	1330.52	.00	.00	1330.74	.21	.68	.01	1327.40
4710.0	2274.9	779.4	1655.7	763.4	145.3	450.3	81.6	30.2	1326.40
.19	2.98	5.36	3.68	.045	.040	.045	.000	1321.40	5097.80
.002170	348.	358.	358.	3	0	0	.00	481.28	5579.08

*SECNO 27770.000

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 1.41

27770.000	8.66	1331.06	.00	.00	1331.18	.11	.43	.01	1327.40
4710.0	2011.5	1085.9	1612.6	1029.3	297.8	578.4	92.6	34.3	1327.40
.22	1.95	3.65	2.79	.045	.040	.045	.000	1322.40	5124.54
.001085	321.	282.	251.	1	0	0	.00	708.80	5833.34

*SECNO 28017.000

28017.000	8.94	1331.34	.00	.00	1331.43	.09	.25	.00	1327.40
4710.0	2408.2	599.2	1702.6	1295.5	176.1	654.7	104.2	38.8	1327.40
.25	1.86	3.40	2.60	.045	.040	.045	.000	1322.40	5206.75
.000908	261.	247.	234.	2	0	0	.00	835.00	6041.75

*SECNO 28240.000

28240.000	8.14	1331.54	.00	.00	1331.63	.09	.20	.00	1327.40
4710.0	2367.1	563.2	1779.7	1376.1	157.5	682.6	115.5	43.4	1327.40
.28	1.72	3.58	2.61	.045	.040	.045	.000	1323.40	5156.13
.000878	223.	223.	230.	2	0	0	.00	960.39	6116.51

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 28513.000

28513.000	7.38	1331.78	.00	.00	1331.86	.08	.24	.00	1327.40
4710.0	2805.4	434.3	1470.3	1457.0	124.6	600.1	129.0	49.1	1328.40
.31	1.93	3.48	2.45	.045	.040	.045	.000	1324.40	5284.30
.000882	265.	273.	275.	0	0	0	.00	894.06	6178.36

*SECNO 28588.000

28588.000	7.46	1331.86	.00	.00	1331.92	.05	.05	.00	1327.40
4710.0	2994.9	477.3	1237.8	1821.1	156.4	701.9	132.9	50.7	1327.40
.32	1.64	3.05	1.76	.045	.040	.045	.000	1324.40	5173.67
.000589	66.	75.	80.	1	0	0	.00	1100.19	6273.86

*SECNO 28611.000
3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

28611.000	.02	1332.42	1332.42	.00	1332.96	.54	.04	.15	1332.40
4710.0	4709.5	.5	.0	799.7	1.3	.0	133.8	51.2	1332.40
.32	5.89	.38	.05	.045	.040	.045	.000	1332.40	5262.72
.021375	23.	23.	23.	20	31	0	.00	792.42	6055.14

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T1 CALFSKIN CREEK BEGINNING 1/2 MI. NORTH OF PAWNEE

```
T2      EXTENDING SOUTH TO PAWNEE
T3      ASSUMED STARTING WATER SURFACE BASED ON
T4      UNIFORM FLOW DEPTH OF CROSS SECTION 25654
T5      100-YR FLOODWAY


J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

        0         3         0         0         0         0         0         0    1327.6

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

       15         0        -1


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   15APR04      14:30:58                                                                                PAGE   11

     SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     L-BANK ELEV
     Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       R-BANK ELEV
     TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
     SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID    ENDST


 *PROF 2
0

 CCHV=      .100 CEHV=      .300
 *SECNO 25694.000

 3265 DIVIDED FLOW


 3470 ENCROACHMENT STATIONS=     5306.0    6260.0  TYPE=       1  TARGET=      954.000
  25694.000       7.20   1327.60       .00   1326.60   1327.70       .10       .00       .00   1322.40
     4710.0         .0     674.8    4035.2         .0     192.2    1754.6        .0        .0   1323.40
        .00        .00      3.51      2.30       .000      .040      .045      .000   1320.40   5306.00
    .000983         0.        0.        0.         0         0         0       .00    688.19   6260.00


 *SECNO 25747.000

 3265 DIVIDED FLOW


 3470 ENCROACHMENT STATIONS=     5305.0    6240.0  TYPE=       1  TARGET=      935.000
  25747.000       7.26   1327.66       .00   1326.66   1327.78       .12       .08       .01   1323.40
     4710.0         .0     820.5    3889.5         .0     214.3    1552.3       3.0       1.1   1324.40
        .01        .00      3.83      2.51       .000      .040      .045      .000   1320.40   5305.00
    .001181        49.       53.       73.         0         0         0       .00    604.11   6240.00


 *SECNO 25797.000

 3265 DIVIDED FLOW


 3470 ENCROACHMENT STATIONS=     5306.0    6200.0  TYPE=       1  TARGET=      894.000
```

25797.000	8.33	1327.73	.00	1326.74	1327.89	.16	.10	.01	1324.40
4710.0	.0	1029.5	3680.5	.0	238.8	1299.3	5.8	2.1	1325.40
.01	.00	4.31	2.83	.000	.040	.045	.000	1319.40	5306.00
.001613	44.	50.	78.	0	0	0	.00	540.71	6200.00

*SECNO 25824.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 5307.0 6162.0 TYPE= 1 TARGET= 855.000

25824.000	7.38	1327.78	.00	1326.79	1328.01	.23	.10	.02	1324.40
4710.0	.0	1243.2	3466.8	.0	238.8	1057.8	7.5	2.7	1326.40
.02	.00	5.21	3.28	.000	.040	.045	.000	1320.40	5307.00
.002614	20.	27.	56.	0	0	0	.00	504.48	6162.00

*SECNO 26003.000

3265 DIVIDED FLOW

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 5.26

3470 ENCROACHMENT STATIONS= 5422.0 6090.0 TYPE= 1 TARGET= 668.000

26003.000	7.67	1328.07	.00	1327.05	1328.09	.02	.06	.02	1324.40
4710.0	.0	4710.0	.0	.0	3902.3	.0	19.7	5.7	100000.00
.07	.00	1.21	.00	.000	.040	.000	.000	1320.40	5422.00
.000094	158.	180.	300.	2	0	0	.00	628.61	6090.00

*SECNO 26358.000

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = .37

3470 ENCROACHMENT STATIONS= 5770.0 6062.0 TYPE= 1 TARGET= 292.000

26358.000	7.66	1328.06	.00	1327.10	1328.20	.14	.07	.03	1325.40
4710.0	5.1	4704.9	.0	5.3	1579.3	.0	42.0	9.4	100000.00
.10	.96	2.98	.00	.045	.040	.000	.000	1320.40	5770.00
.000702	315.	355.	470.	2	0	0	.00	292.00	6062.00

*SECNO 26678.000

3470 ENCROACHMENT STATIONS= 5620.0 5900.0 TYPE= 1 TARGET= 280.000

26678.000	7.90	1328.30	.00	1327.37	1328.46	.16	.25	.01	1326.40

4710.0	19.3	912.6	3778.2	15.2	379.9	1124.4	53.7	11.6	1321.40
.13	1.27	2.40	3.36	.045	.040	.045	.000	1320.40	5620.00
.000833	300.	320.	340.	2	0	0	.00	280.00	5900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 26889.000

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

3470 ENCROACHMENT STATIONS= 5415.0 5690.0 TYPE= 1 TARGET= 275.000

26889.000	8.07	1328.47	1328.47	1328.35	1329.68	1.20	.44	.31	1324.40
4710.0	1400.4	2353.3	956.4	184.5	222.7	206.3	58.9	12.9	1326.40
.14	7.59	10.57	4.64	.045	.040	.045	.000	1320.40	5415.00
.012373	211.	211.	211.	20	8	0	.00	275.00	5690.00

*SECNO 27130.000

3301 HV CHANGED MORE THAN HVINS

3302 WARNING: CONVEYANCE CHANGE OUTSIDE OF ACCEPTABLE RANGE, KRATIO = 2.56

3470 ENCROACHMENT STATIONS= 5310.0 5570.0 TYPE= 1 TARGET= 260.000

27130.000	9.05	1330.45	.00	1329.87	1330.72	.27	.95	.09	1325.40
4710.0	2270.1	934.1	1505.8	540.9	177.4	451.5	63.8	14.4	1326.40
.15	4.20	5.27	3.34	.045	.040	.045	.000	1321.40	5310.00
.001893	257.	241.	228.	3	0	0	.00	260.00	5570.00

*SECNO 27488.000

3470 ENCROACHMENT STATIONS= 5210.0 5550.0 TYPE= 1 TARGET= 340.000

27488.000	9.74	1331.14	.00	1330.52	1331.34	.20	.61	.01	1327.40
4710.0	2182.8	771.6	1755.6	717.3	159.5	499.1	74.2	16.8	1326.40
.18	3.04	4.84	3.52	.045	.040	.045	.000	1321.40	5210.00
.001560	348.	358.	358.	3	0	0	.00	340.00	5550.00

*SECNO 27770.000

3470 ENCROACHMENT STATIONS= 5400.0 5750.0 TYPE= 1 TARGET= 350.000

27770.000	9.16	1331.56	.00	1331.06	1331.74	.18	.40	.00	1327.40
4710.0	1989.8	1356.7	1363.6	751.9	325.0	389.5	83.7	19.2	1327.40

.21	2.65	4.17	3.50	.045	.040	.045	.000	1322.40	5400.00
.001265	321.	282.	251.	2	0	0	.00	350.00	5750.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 28017.000

3470 ENCROACHMENT STATIONS= 5565.0 5950.0 TYPE= 1 TARGET= 385.000

28017.000	9.50	1331.90	.00	1331.34	1332.04	.15	.30	.00	1327.40
4710.0	2713.4	775.4	1221.2	1036.1	193.2	375.8	92.6	21.3	1327.40
.23	2.62	4.01	3.25	.045	.040	.045	.000	1322.40	5565.00
.001117	261.	247.	234.	1	0	0	.00	385.00	5950.00

*SECNO 28240.000

3470 ENCROACHMENT STATIONS= 5605.0 6020.0 TYPE= 1 TARGET= 415.000

28240.000	8.75	1332.15	.00	1331.54	1332.30	.15	.26	.00	1327.40
4710.0	2937.8	760.9	1011.3	1127.4	173.0	327.7	100.9	23.4	1327.40
.25	2.61	4.40	3.09	.045	.040	.045	.000	1323.40	5605.00
.001171	223.	223.	230.	1	0	0	.00	415.00	6020.00

*SECNO 28513.000

3470 ENCROACHMENT STATIONS= 5660.0 6050.0 TYPE= 1 TARGET= 390.000

28513.000	8.07	1332.47	.00	1331.78	1332.61	.14	.31	.00	1327.40
4710.0	3518.6	586.7	604.7	1270.2	138.3	208.5	110.9	25.8	1328.40
.27	2.77	4.24	2.90	.045	.040	.045	.000	1324.40	5660.00
.001139	265.	273.	275.	0	0	0	.00	390.00	6050.00

*SECNO 28588.000

3470 ENCROACHMENT STATIONS= 5650.0 6050.0 TYPE= 1 TARGET= 400.000

28588.000	8.17	1332.57	.00	1331.86	1332.68	.11	.06	.00	1327.40
4710.0	3557.1	645.1	507.8	1456.4	173.3	201.3	113.6	26.4	1327.40
.28	2.44	3.72	2.52	.045	.040	.045	.000	1324.40	5650.00
.000764	66.	75.	80.	1	0	0	.00	400.00	6050.00

*SECNO 28611.000

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	L-BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	R-BANK ELEV
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 5660.0 6060.0 TYPE= 1 TARGET= 400.000

28611.000	.73	1333.13	1333.13	1332.42	1333.94	.81	.05	.21	1332.40
4710.0	4471.4	213.7	24.9	606.6	51.1	7.1	114.2	26.7	1332.40
.28	7.37	4.18	3.50	.045	.040	.045	.000	1332.40	5660.00
.019276	23.	23.	23.	20	23	0	.00	400.00	6060.00

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THIS RUN EXECUTED 15APR04 14:30:58

****
HEC-2 WATER SURFACE PROFILES

Version 4.6.2; May 1991
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

ASSUMED STARTING WATER S

SUMMARY PRINTOUT TABLE 110

	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
	25694.000	1326.60	.00	1326.67	945.79	802.13	545.45	3362.42	.00	.00	5306.00	5337.00	.00
	25694.000	1327.60	1.00	1327.70	688.19	.00	674.77	4035.23	954.00	5306.00	5306.00	5337.00	6260.00
	25747.000	1326.66	.00	1326.75	886.70	519.41	645.48	3545.11	.00	.00	5305.00	5341.00	.00
	25747.000	1327.66	1.00	1327.78	604.11	.00	820.48	3889.52	935.00	5305.00	5305.00	5341.00	6240.00
	25797.000	1326.74	.00	1326.85	821.89	220.41	743.90	3745.69	.00	.00	5306.00	5349.00	.00
	25797.000	1327.73	.99	1327.89	540.71	.00	1029.55	3680.45	894.00	5306.00	5306.00	5349.00	6200.00
	25824.000	1326.79	.00	1326.97	779.95	278.40	952.92	3478.68	.00	.00	5307.00	5354.00	.00
	25824.000	1327.78	.99	1328.01	504.48	.00	1243.21	3466.79	855.00	5307.00	5307.00	5354.00	6162.00
*	26003.000	1327.05	.00	1327.08	812.57	69.42	4628.40	12.19	.00	.00	5422.00	6090.00	.00
*	26003.000	1328.07	1.02	1328.09	628.61	.00	4710.00	.00	668.00	5422.00	5422.00	6090.00	6090.00
*	26358.000	1327.10	.00	1327.22	775.30	619.07	3894.75	196.18	.00	.00	5772.00	6062.00	.00
*	26358.000	1328.06	.97	1328.20	292.00	5.09	4704.91	.00	292.00	5770.00	5772.00	6062.00	6062.00
	26678.000	1327.37	.00	1327.48	772.58	320.17	513.80	3876.02	.00	.00	5628.00	5737.00	.00

	26678.000	1328.30	.93	1328.46	280.00	19.25	912.56	3778.18	280.00	5620.00	5628.00	5737.00	5900.00
*	26889.000	1328.35	.00	1329.13	476.29	1956.45	2016.46	737.09	.00	.00	5475.00	5524.00	.00
*	26889.000	1328.47	.12	1329.68	275.00	1400.36	2353.27	956.37	275.00	5415.00	5475.00	5524.00	5690.00
*	27130.000	1329.87	.00	1330.04	602.43	2628.80	765.16	1316.04	.00	.00	5414.00	5441.00	.00
*	27130.000	1330.45	.58	1330.72	260.00	2270.08	934.09	1505.83	260.00	5310.00	5414.00	5441.00	5570.00
	27488.000	1330.52	.00	1330.74	481.28	2274.94	779.37	1655.70	.00	.00	5409.00	5432.00	.00
	27488.000	1331.14	.62	1331.34	340.00	2182.79	771.63	1755.58	340.00	5210.00	5409.00	5432.00	5550.00
*	27770.000	1331.06	.00	1331.18	708.80	2011.50	1085.92	1612.58	.00	.00	5622.00	5677.00	.00
	27770.000	1331.56	.50	1331.74	350.00	1989.76	1356.68	1363.56	350.00	5400.00	5622.00	5677.00	5750.00

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	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
	28017.000	1331.34	.00	1331.43	835.00	2408.18	599.20	1702.62	.00	.00	5849.00	5879.00	.00
	28017.000	1331.90	.56	1332.04	385.00	2713.39	775.43	1221.18	385.00	5565.00	5849.00	5879.00	5950.00
	28240.000	1331.54	.00	1331.63	960.39	2367.07	563.23	1779.70	.00	.00	5925.00	5950.00	.00
	28240.000	1332.15	.61	1332.30	415.00	2937.77	760.89	1011.34	415.00	5605.00	5925.00	5950.00	6020.00
	28513.000	1331.78	.00	1331.86	894.06	2805.40	434.33	1470.28	.00	.00	5985.00	6005.00	.00
	28513.000	1332.47	.69	1332.61	390.00	3518.59	586.75	604.66	390.00	5660.00	5985.00	6005.00	6050.00
	28588.000	1331.86	.00	1331.92	1100.19	2994.93	477.28	1237.79	.00	.00	5987.00	6011.00	.00
	28588.000	1332.57	.70	1332.68	400.00	3557.09	645.12	507.79	400.00	5650.00	5987.00	6011.00	6050.00
*	28611.000	1332.42	.00	1332.96	792.42	4709.51	.49	.00	.00	.00	5980.00	6050.00	.00
*	28611.000	1333.13	.71	1333.94	400.00	4471.37	213.73	24.90	400.00	5660.00	5980.00	6050.00	6060.00

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ASSUMED STARTING WATER S

SUMMARY PRINTOUT TABLE 150

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
	25694.000	.00	.00	.00	1320.40	4710.00	1326.60	.00	1326.67	9.42	3.38	2272.03	1534.35
	25694.000	.00	.00	.00	1320.40	4710.00	1327.60	.00	1327.70	9.83	3.51	1946.78	1501.94
	25747.000	53.00	.00	.00	1320.40	4710.00	1326.66	.00	1326.75	11.69	3.62	2068.83	1377.30
	25747.000	53.00	.00	.00	1320.40	4710.00	1327.66	.00	1327.78	11.81	3.83	1766.57	1370.30
	25797.000	50.00	.00	.00	1319.40	4710.00	1326.74	.00	1326.85	14.78	3.79	1856.60	1225.10
	25797.000	50.00	.00	.00	1319.40	4710.00	1327.73	.00	1327.89	16.13	4.31	1538.15	1172.64
	25824.000	27.00	.00	.00	1320.40	4710.00	1326.79	.00	1326.97	29.09	4.96	1498.79	873.23
	25824.000	27.00	.00	.00	1320.40	4710.00	1327.78	.00	1328.01	26.14	5.21	1296.58	921.17
*	26003.000	180.00	.00	.00	1320.40	4710.00	1327.05	.00	1327.08	1.60	1.42	3445.27	3726.76

* 26003.000	180.00	.00	.00	1320.40	4710.00	1328.07	.00	1328.09	.94	1.21	3902.25	4846.25
* 26358.000	355.00	.00	.00	1320.40	4710.00	1327.10	.00	1327.22	8.94	3.00	1934.61	1575.36
* 26358.000	355.00	.00	.00	1320.40	4710.00	1328.06	.00	1328.20	7.02	2.98	1584.58	1777.94
26678.000	320.00	.00	.00	1320.40	4710.00	1327.37	.00	1327.48	7.41	1.84	2004.80	1730.09
26678.000	320.00	.00	.00	1320.40	4710.00	1328.30	.00	1328.46	8.33	2.40	1519.45	1631.68
* 26889.000	211.00	.00	.00	1320.40	4710.00	1328.35	1328.35	1329.13	99.60	9.31	786.02	471.94
* 26889.000	211.00	.00	.00	1320.40	4710.00	1328.47	1328.47	1329.68	123.73	10.57	613.45	423.44
* 27130.000	241.00	.00	.00	1321.40	4710.00	1329.87	.00	1330.04	17.30	4.73	1514.24	1132.31
* 27130.000	241.00	.00	.00	1321.40	4710.00	1330.45	.00	1330.72	18.93	5.27	1169.72	1082.63
27488.000	358.00	.00	.00	1321.40	4710.00	1330.52	.00	1330.74	21.70	5.36	1359.05	1011.14
27488.000	358.00	.00	.00	1321.40	4710.00	1331.14	.00	1331.34	15.60	4.84	1375.89	1192.47
* 27770.000	282.00	.00	.00	1322.40	4710.00	1331.06	.00	1331.18	10.85	3.65	1905.40	1430.13
27770.000	282.00	.00	.00	1322.40	4710.00	1331.56	.00	1331.74	12.65	4.17	1466.37	1324.37
28017.000	247.00	.00	.00	1322.40	4710.00	1331.34	.00	1331.43	9.08	3.40	2126.35	1563.26
28017.000	247.00	.00	.00	1322.40	4710.00	1331.90	.00	1332.04	11.17	4.01	1604.97	1409.10
28240.000	223.00	.00	.00	1323.40	4710.00	1331.54	.00	1331.63	8.78	3.58	2216.19	1589.98
28240.000	223.00	.00	.00	1323.40	4710.00	1332.15	.00	1332.30	11.71	4.40	1628.04	1376.36
28513.000	273.00	.00	.00	1324.40	4710.00	1331.78	.00	1331.86	8.82	3.48	2181.74	1585.66
28513.000	273.00	.00	.00	1324.40	4710.00	1332.47	.00	1332.61	11.39	4.24	1617.01	1395.64
28588.000	75.00	.00	.00	1324.40	4710.00	1331.86	.00	1331.92	5.89	3.05	2679.51	1940.81
28588.000	75.00	.00	.00	1324.40	4710.00	1332.57	.00	1332.68	7.64	3.72	1830.98	1703.82
* 28611.000	23.00	.00	.00	1332.40	4710.00	1332.42	1332.42	1332.96	213.75	.38	801.03	322.16
* 28611.000	23.00	.00	.00	1332.40	4710.00	1333.13	1333.13	1333.94	192.76	4.18	664.86	339.24

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ASSUMED STARTING WATER S

SUMMARY PRINTOUT TABLE 150

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	25694.000	4710.00	1326.60	.00	.00	.00	945.79	.00
	25694.000	4710.00	1327.60	1.00	.00	1.00	688.19	.00
	25747.000	4710.00	1326.66	.00	.06	.00	886.70	53.00
	25747.000	4710.00	1327.66	1.00	.06	1.00	604.11	53.00
	25797.000	4710.00	1326.74	.00	.08	.00	821.89	50.00
	25797.000	4710.00	1327.73	.99	.07	.99	540.71	50.00
	25824.000	4710.00	1326.79	.00	.05	.00	779.95	27.00
	25824.000	4710.00	1327.78	.99	.05	.99	504.48	27.00
*	26003.000	4710.00	1327.05	.00	.26	.00	812.57	180.00

*	26003.000	4710.00	1328.07	1.02	.29	1.02	628.61	180.00
*	26358.000	4710.00	1327.10	.00	.05	.00	775.30	355.00
*	26358.000	4710.00	1328.06	.97	-.01	.97	292.00	355.00
	26678.000	4710.00	1327.37	.00	.28	.00	772.58	320.00
	26678.000	4710.00	1328.30	.93	.24	.93	280.00	320.00
*	26889.000	4710.00	1328.35	.00	.98	.00	476.29	211.00
*	26889.000	4710.00	1328.47	.12	.18	.12	275.00	211.00
*	27130.000	4710.00	1329.87	.00	1.52	.00	602.43	241.00
*	27130.000	4710.00	1330.45	.58	1.97	.58	260.00	241.00
	27488.000	4710.00	1330.52	.00	.65	.00	481.28	358.00
	27488.000	4710.00	1331.14	.62	.69	.62	340.00	358.00
*	27770.000	4710.00	1331.06	.00	.54	.00	708.80	282.00
	27770.000	4710.00	1331.56	.50	.43	.50	350.00	282.00
	28017.000	4710.00	1331.34	.00	.28	.00	835.00	247.00
	28017.000	4710.00	1331.90	.56	.33	.56	385.00	247.00
	28240.000	4710.00	1331.54	.00	.20	.00	960.39	223.00
	28240.000	4710.00	1332.15	.61	.26	.61	415.00	223.00
	28513.000	4710.00	1331.78	.00	.24	.00	894.06	273.00
	28513.000	4710.00	1332.47	.69	.32	.69	390.00	273.00
	28588.000	4710.00	1331.86	.00	.08	.00	1100.19	75.00
	28588.000	4710.00	1332.57	.70	.10	.70	400.00	75.00
*	28611.000	4710.00	1332.42	.00	.56	.00	792.42	23.00
*	28611.000	4710.00	1333.13	.71	.56	.71	400.00	23.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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WARNING SECNO=  26003.000  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=  26003.000  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

WARNING SECNO=  26358.000  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=  26358.000  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=  26889.000  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=  26889.000  PROFILE=  1  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=  26889.000  PROFILE=  1  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=  26889.000  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=  26889.000  PROFILE=  2  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=  26889.000  PROFILE=  2  20 TRIALS ATTEMPTED TO BALANCE WSEL

WARNING SECNO=  27130.000  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=  27130.000  PROFILE=  2  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
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WARNING SECNO=  27770.000  PROFILE=  1  CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

CAUTION SECNO=  28611.000  PROFILE=  1  CRITICAL DEPTH ASSUMED
CAUTION SECNO=  28611.000  PROFILE=  1  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=  28611.000  PROFILE=  1  20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=  28611.000  PROFILE=  2  CRITICAL DEPTH ASSUMED
CAUTION SECNO=  28611.000  PROFILE=  2  PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=  28611.000  PROFILE=  2  20 TRIALS ATTEMPTED TO BALANCE WSEL
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Floodway width summary: ASSUMED STARTING WATER S
Profile No. 2

Section Number	Elevation Increase	Top Width	Left Encroach Station	Left Sta Distance From Center	Center Station	Right Sta Distance From Center	Right Encroach Station
25694.000	1.00	954.00	5306.00	15.50	5321.50	938.50	6260.00
25747.000	1.00	935.00	5305.00	18.00	5323.00	917.00	6240.00
25797.000	.99	894.00	5306.00	21.50	5327.50	872.50	6200.00
25824.000	.99	855.00	5307.00	23.50	5330.50	831.50	6162.00
26003.000	1.02	668.00	5422.00	334.00	5756.00	334.00	6090.00
26358.000	.97	292.00	5770.00	147.00	5917.00	145.00	6062.00
26678.000	.93	280.00	5620.00	62.50	5682.50	217.50	5900.00
26889.000	.12	275.00	5415.00	84.50	5499.50	190.50	5690.00
27130.000	.58	260.00	5310.00	117.50	5427.50	142.50	5570.00
27488.000	.62	340.00	5210.00	210.50	5420.50	129.50	5550.00
27770.000	.50	350.00	5400.00	249.50	5649.50	100.50	5750.00
28017.000	.56	385.00	5565.00	299.00	5864.00	86.00	5950.00
28240.000	.61	415.00	5605.00	332.50	5937.50	82.50	6020.00
28513.000	.69	390.00	5660.00	335.00	5995.00	55.00	6050.00
28588.000	.70	400.00	5650.00	349.00	5999.00	51.00	6050.00
28611.000	.71	400.00	5660.00	355.00	6015.00	45.00	6060.00

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FLOODWAY DATA, ASSUMED STARTING WATER S
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
25694.000	954.	1947.	2.4	1327.6	1326.6	1.0
25747.000	935.	1767.	2.7	1327.7	1326.7	1.0
25797.000	894.	1538.	3.1	1327.7	1326.7	1.0
25824.000	855.	1297.	3.6	1327.8	1326.8	1.0
26003.000	668.	3902.	1.2	1328.0	1327.0	1.0
26358.000	292.	1585.	3.0	1328.1	1327.1	1.0
26678.000	280.	1519.	3.1	1328.3	1327.4	.9
26889.000	275.	613.	7.7	1328.5	1328.4	.1
27130.000	260.	1170.	4.0	1330.5	1329.9	.6
27488.000	340.	1376.	3.4	1331.1	1330.5	.6
27770.000	350.	1466.	3.2	1331.6	1331.1	.5
28017.000	385.	1605.	2.9	1331.9	1331.3	.6
28240.000	415.	1628.	2.9	1332.1	1331.5	.6
28513.000	390.	1617.	2.9	1332.5	1331.8	.7
28588.000	400.	1831.	2.6	1332.6	1331.9	.7
28611.000	400.	665.	7.1	1333.1	1332.4	.7