

THIS RUN EXECUTED 23 JUN 80 8:30:21

HEC2 RELEI
ERROR CORR
MODIFICAT

C FPM
T1 FPM
T2 TO
T3 SAB

J1 ICHFCR

0.

J2 NPROF

1.000

J3 VARIABLE

38.000

15.000

54.000

NC 0.11.
RT 6.00

X1 11000.00
GR 236.00
GR 206.00
GR 205.96
GR 224.00

X1 11010.00

X1 11020.00

X1 11030.00

X1 11100.000 0.000 0.000 0.000 50.000 50.000 50.000 0.000 0.500 0.000

*** SURVEYED SECTION

X1 11260.000	13.000	1540.000	1600.000	160.000	160.000	160.000	0.000	0.000	0.000
GR 240.000	1340.000	230.000	1400.000	216.000	1490.000	209.000	1590.000	208.000	1591.000

THIS RUN EXECUTED 23 JUN 80 083021

*****HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979

ERROR CORR = 01,02,03

MODIFICATION = 50,51,52,53

C FPPB CLAYTON NC FIS MRP

11 FPPB CLAYTON NC FIS MRP

12 10 YR NATURAL

13 GAMS LK

J1 TCHFDP TINN SING TDTK SITE METRIC FWDHS H WSEL FD

0. P. 0. 0. 0.016500 0.00 0.0 0. 206.000 0.000

J2 RRDOP TINN PRED XSECV XSECP FL ALLOC TSH CTRK ITRAC

1.000 0.000 -1.000 0.600 0.600 0.600 0.000 0.000 6.600 0.600

J3 VARIABLE TIME'S FIS, PREDICTY, PREDINT

38.000 1.000 5.000 60.000 -1.000 0.000 48.000 1.000 15.000 14.000

15.000 48.000 11260.000 10000.000 78.000 1111000 52.000 21.000 22.000

54.000 0.000 0.000 130.000 201.000 0.000 0.000 0.000 0.000 0.000

NC 0.110 0.110 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

QT 6.000 6.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

** TOTAL NET FIS

X1	11000.000	19.000	1674.000	1465.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	236.000	1000.000	236.000	1166.000	226.000	1200.000	224.000	1300.000	212.000	1420.000
GR	206.000	1467.000	02.000	1474.000	204.000	1476.000	02.500	1480.000	004.400	1484.000
GR	205.900	1465.900	02.000	1474.000	212.000	1600.000	216.000	1710.000	206.000	1790.000
GR	224.000	1520.000	26.000	1580.000	236.000	1930.000	236.000	1960.000	0.000	0.000

X1 11016.000 0.000 0.000 0.000 16.000 10.000 16.000 0.000 0.100 0.000

X1 11020.000 0.000 0.000 0.000 16.000 10.000 16.000 0.000 0.100 0.000

X1 11050.000 0.000 0.000 0.000 16.000 10.000 16.000 0.000 0.500 0.000

X1 11100.000 0.000 0.000 0.000 50.000 50.000 50.000 0.000 0.500 0.000

** SURVEYED SECTION

X1	11260.000	13.000	1590.000	1600.000	160.000	160.000	160.000	0.000	0.000	0.000
GR	240.000	1340.000	230.000	1400.000	216.000	1490.000	209.000	1590.000	208.000	1591.000

- 11111111111111111111 -

000°0	000°102	000°501	000°1	000°502	000°001	000°882	000°162	000°321	000°582	000°102	000°162	000°321
000°102	000°2251	000°722	000°2	000°2251	000°125	000°2251	000°125	000°2251	000°125	000°125	000°2251	000°125
000°321	000°482	000°182	000°2	000°482	000°182	000°182	000°182	000°182	000°182	000°182	000°182	000°182
000°582	000°552	000°001	000°0	000°2252	000°125	000°2252	000°125	000°2252	000°125	000°125	000°2252	000°125
000°102	000°501	000°652	000°0	000°102	000°001	000°652	000°102	000°001	000°652	000°102	000°001	000°652
000°162	000°321	000°582	000°0	000°162	000°001	000°321	000°162	000°001	000°321	000°162	000°001	000°321
000°321	000°582	000°102	000°0	000°321	000°001	000°582	000°321	000°001	000°582	000°321	000°001	000°582
000°582	000°102	000°321	000°0	000°582	000°001	000°102	000°582	000°001	000°102	000°582	000°001	000°102
000°102	000°001	000°582	000°0	000°102	000°001	000°582	000°102	000°001	000°582	000°102	000°001	000°582
000°001	000°582	000°102	000°0	000°001	000°582	000°102	000°001	000°582	000°102	000°001	000°582	000°102

θ_{eff}	θ_{obs}	χ^2/ν	χ^2/ν_{red}	$\chi^2/\nu_{\text{red}}^{\text{min}}$	$\chi^2/\nu_{\text{red}}^{\text{max}}$	$\chi^2/\nu_{\text{red}}^{\text{min}}$	$\chi^2/\nu_{\text{red}}^{\text{max}}$	$\chi^2/\nu_{\text{red}}^{\text{min}}$	$\chi^2/\nu_{\text{red}}^{\text{max}}$	$\chi^2/\nu_{\text{red}}^{\text{min}}$	$\chi^2/\nu_{\text{red}}^{\text{max}}$
0.00°	0.00°	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00° 5.841	0.00° 6.62	0.00° 5.91	0.00° 5.92	0.00° 5.91	0.00° 5.92	0.00° 5.91	0.00° 5.92	0.00° 5.91	0.00° 5.92	0.00° 5.91	0.00° 5.92
0.00° 6.251	0.00° 7.122	0.00° 7.251	0.00° 7.152	0.00° 7.251	0.00° 7.152	0.00° 7.151	0.00° 7.152	0.00° 7.151	0.00° 7.152	0.00° 7.151	0.00° 7.152
0.00° 7.251	0.00° 7.252	0.00° 7.251	0.00° 7.252	0.00° 7.251	0.00° 7.252	0.00° 7.251	0.00° 7.252	0.00° 7.251	0.00° 7.252	0.00° 7.251	0.00° 7.252
0.00° 8.051	0.00° 8.252	0.00° 8.051	0.00° 8.252	0.00° 8.051	0.00° 8.252	0.00° 8.051	0.00° 8.252	0.00° 8.051	0.00° 8.252	0.00° 8.051	0.00° 8.252
0.00° 9	0.00° 9.0	0.00° 0	0.00° 35	0.00° 0	0.00° 35	0.00° 0	0.00° 35	0.00° 0	0.00° 35	0.00° 0	0.00° 35

File: 11-3 - 13-10-11-1-12-1

000-6351	000-222	000-8251	000-722	000-5251	000-022	000-5451	000-612	000-1251	000-2022	89
000-7251	002-922	000-1251	000-222	000-5251	000-722	000-0061	000-622	000-1221	000-0522	49
000-0	000-0	000-0	000-0	000-0125	000-025	000-0051	000-5251	000-121	000-05251	1X.

SECRET//SI//REL TO USA

2011-035 0401 15

GR 220.000 1730.000 1730.000 220.000 002.002 002.002 002.002 002.002 002.002 002.002 002.002 002.002 002.002

THIS RUN EXECUTED 23 JUN 80 0:30:47

HFC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

TI FPNB CLAYTON NC FIS 6
T2 50 YR NATIONAL
T3 SANS CR

THIS RUN EXECUTED 23 JUN 80 8:30:54

MEC2 RELEASE DATED NOV 76 UPATED JULY 1979
ERROR CORP - 01,02,03
MODIFICATION - 50,51,52,53

T1 FFMB CLAYTON NC TIS TRP

T2 100 YR NATURAL

T3 SAMS CR

J1 ICHECK TIN MTRV ITTR SIRI METRIC HVNS R FSEL FD

0. 0. 0. 0. 0.00500 0.00 0.0 0. 206.000 0.000

J2 INPROF TPIRT FSTVS XSECV XSECH FT ALTDG TBA CHITM ITRACE

3.000 0.000 -1.000 0.000 0.001 0.000 0.000 1.000 0.000 15.000

THIS RUN EXECUTED 23 JUN 80 8:31:10

HEC2 RELEASE DATED NOV 16 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 EPPRO CLAYTON NC FIS TRP
T2 500 YR NATURAL
T3 SANS CR

	J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12	J13	J14	J15	J16	J17	J18	J19	J20	J21	J22	J23	J24	J25	J26	J27	J28	J29	J30	J31	J32	J33	J34	J35	J36	J37	J38	J39	J40	J41	J42	J43	J44	J45	J46	J47	J48	J49	J50	J51	J52	J53	J54	J55	J56	J57	J58	J59	J60	J61	J62	J63	J64	J65	J66	J67	J68	J69	J70	J71	J72	J73	J74	J75	J76	J77	J78	J79	J80	J81	J82	J83	J84	J85	J86	J87	J88	J89	J90	J91	J92	J93	J94	J95	J96	J97	J98	J99	J100	J101	J102	J103	J104	J105	J106	J107	J108	J109	J110	J111	J112	J113	J114	J115	J116	J117	J118	J119	J120	J121	J122	J123	J124	J125	J126	J127	J128	J129	J130	J131	J132	J133	J134	J135	J136	J137	J138	J139	J140	J141	J142	J143	J144	J145	J146	J147	J148	J149	J150	J151	J152	J153	J154	J155	J156	J157	J158	J159	J160	J161	J162	J163	J164	J165	J166	J167	J168	J169	J170	J171	J172	J173	J174	J175	J176	J177	J178	J179	J180	J181	J182	J183	J184	J185	J186	J187	J188	J189	J190	J191	J192	J193	J194	J195	J196	J197	J198	J199	J200	J201	J202	J203	J204	J205	J206	J207	J208	J209	J210	J211	J212	J213	J214	J215	J216	J217	J218	J219	J220	J221	J222	J223	J224	J225	J226	J227	J228	J229	J230	J231	J232	J233	J234	J235	J236	J237	J238	J239	J240	J241	J242	J243	J244	J245	J246	J247	J248	J249	J250	J251	J252	J253	J254	J255	J256	J257	J258	J259	J260	J261	J262	J263	J264	J265	J266	J267	J268	J269	J270	J271	J272	J273	J274	J275	J276	J277	J278	J279	J280	J281	J282	J283	J284	J285	J286	J287	J288	J289	J290	J291	J292	J293	J294	J295	J296	J297	J298	J299	J300	J301	J302	J303	J304	J305	J306	J307	J308	J309	J310	J311	J312	J313	J314	J315	J316	J317	J318	J319	J320	J321	J322	J323	J324	J325	J326	J327	J328	J329	J330	J331	J332	J333	J334	J335	J336	J337	J338	J339	J340	J341	J342	J343	J344	J345	J346	J347	J348	J349	J350	J351	J352	J353	J354	J355	J356	J357	J358	J359	J360	J361	J362	J363	J364	J365	J366	J367	J368	J369	J370	J371	J372	J373	J374	J375	J376	J377	J378	J379	J380	J381	J382	J383	J384	J385	J386	J387	J388	J389	J390	J391	J392	J393	J394	J395	J396	J397	J398	J399	J400	J401	J402	J403	J404	J405	J406	J407	J408	J409	J410	J411	J412	J413	J414	J415	J416	J417	J418	J419	J420	J421	J422	J423	J424	J425	J426	J427	J428	J429	J430	J431	J432	J433	J434	J435	J436	J437	J438	J439	J440	J441	J442	J443	J444	J445	J446	J447	J448	J449	J450	J451	J452	J453	J454	J455	J456	J457	J458	J459	J460	J461	J462	J463	J464	J465	J466	J467	J468	J469	J470	J471	J472	J473	J474	J475	J476	J477	J478	J479	J480	J481	J482	J483	J484	J485	J486	J487	J488	J489	J490	J491	J492	J493	J494	J495	J496	J497	J498	J499	J500	J501	J502	J503	J504	J505	J506	J507	J508	J509	J510	J511	J512	J513	J514	J515	J516	J517	J518	J519	J520	J521	J522	J523	J524	J525	J526	J527	J528	J529	J530	J531	J532	J533	J534	J535	J536	J537	J538	J539	J540	J541	J542	J543	J544	J545	J546	J547	J548	J549	J550	J551	J552	J553	J554	J555	J556	J557	J558	J559	J560	J561	J562	J563	J564	J565	J566	J567	J568	J569	J570	J571	J572	J573	J574	J575	J576	J577	J578	J579	J580	J581	J582	J583	J584	J585	J586	J587	J588	J589	J590	J591	J592	J593	J594	J595	J596	J597	J598	J599	J600	J601	J602	J603	J604	J605	J606	J607	J608	J609	J610	J611	J612	J613	J614	J615	J616	J617	J618	J619	J620	J621	J622	J623	J624	J625	J626	J627	J628	J629	J630	J631	J632	J633	J634	J635	J636	J637	J638	J639	J640	J641	J642	J643	J644	J645	J646	J647	J648	J649	J650	J651	J652	J653	J654	J655	J656	J657	J658	J659	J660	J661	J662	J663	J664	J665	J666	J667	J668	J669	J670	J671	J672	J673	J674	J675	J676	J677	J678	J679	J680	J681	J682	J683	J684	J685	J686	J687	J688	J689	J690	J691	J692	J693	J694	J695	J696	J697	J698	J699	J700	J701	J702	J703	J704	J705	J706	J707	J708	J709	J710	J711	J712	J713	J714	J715	J716	J717	J718	J719	J720	J721	J722	J723	J724	J725	J726	J727	J728	J729	J730	J731	J732	J733	J734	J735	J736	J737	J738	J739	J740	J741	J742	J743	J744	J745	J746	J747	J748	J749	J750	J751	J752	J753	J754	J755	J756	J757	J758	J759	J760	J761	J762	J763	J764	J765	J766	J767	J768	J769	J770	J771	J772	J773	J774	J775	J776	J777	J778	J779	J780	J781	J782	J783	J784	J785	J786	J787	J788	J789	J790	J791	J792	J793	J794	J795	J796	J797	J798	J799	J800	J801	J802	J803	J804	J805	J806	J807	J808	J809	J810	J811	J812	J813	J814	J815	J816	J817	J818	J819	J820	J821	J822	J823	J824	J825	J826	J827	J828	J829	J830	J831	J832	J833	J834	J835	J836	J837	J838	J839	J840	J841	J842	J843	J844	J845	J846	J847	J848	J849	J850	J851	J852	J853	J854	J855	J856	J857	J858	J859	J860	J861	J862	J863	J864	J865	J866	J867	J868	J869	J870	J871	J872	J873	J874	J875	J876	J877	J878	J879	J880	J881	J882	J883	J884	J885	J886	J887	J888	J889	J890	J891	J892	J893	J894	J895	J896	J897	J898	J899	J900	J901	J902	J903	J904	J905	J906	J907	J908	J909	J910	J911	J912	J913	J914	J915	J916	J917	J918	J919	J920	J921	J922	J923	J924	J925	J926	J927	J928	J929	J930	J931	J932	J933	J934	J935	J936	J937	J938	J939	J940	J941	J942	J943	J944	J945	J946	J947	J948	J949	J950	J951	J952	J953	J954	J955	J956	J957	J958	J959	J960	J961	J962	J963	J964	J965	J966	J967	J968	J969</th
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THIS RUN EXECUTED 23 JUN 80 0:31:19

HECS RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR = 01,02,03
MODIFICATION = 50,51,52,03

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

SAMS CR

SUMMARY PRINTOUT

SECNO	CYSEC	CS	EFINT	FILE
11000.000	207.29	207.79	203.50	0.00
11000.000	208.23	208.73	203.50	0.00
11000.000	208.71	209.31	203.50	0.00
11000.000	209.86	210.56	203.50	0.00
11010.000	207.44	207.41	203.60	0.00
11010.000	208.45	210.35	203.60	0.00
11010.000	209.97	210.46	203.60	0.00
11010.000	210.15	210.72	203.60	0.00
11020.000	207.69	210.03	203.70	0.00
11020.000	208.65	209.61	203.70	0.00
11020.000	209.15	209.72	203.70	0.00
11020.000	210.24	210.87	203.70	0.00
11050.000	208.06	210.37	204.00	0.00
11050.000	209.37	209.45	204.00	0.00
11050.000	209.57	210.60	204.00	0.00
11050.000	210.73	211.26	204.00	0.00
11100.000	208.50	208.69	204.50	0.00
11100.000	209.66	210.46	204.50	0.00
11100.000	210.14	210.58	204.50	0.00
11100.000	211.35	211.85	204.50	0.00
11260.000	210.65	211.84	206.40	0.00
11260.000	211.81	212.78	206.40	0.00
11260.000	212.34	213.46	206.40	0.00
11260.000	213.48	214.81	206.40	0.00
12060.000	220.00	226.87	215.10	0.00
12060.000	221.51	221.86	215.10	0.00
12060.000	222.10	222.59	215.10	0.00
12060.000	223.47	223.74	215.10	0.00
12430.000	223.89	224.59	214.30	0.00
12430.000	225.01	225.25	214.30	0.00
* 12430.000	225.61	227.02	214.30	0.00
* 12430.000	227.08	228.71	214.30	0.00

SECTIO	CASEL	EG	ELMIN	ELLC
12870.000	228.89	228.96	226.30	0.00
12870.000	230.02	230.10	226.30	0.00
12870.000	230.63	230.71	226.30	0.00
12870.000	231.94	232.09	226.30	0.00
* 12920.000	233.42	235.84	227.20	0.00
* 12920.000	236.26	239.40	227.20	0.00
* 12920.000	238.23	238.24	227.20	0.00
* 12920.000	238.20	238.26	227.20	0.00
12961.000	235.83	236.96	227.50	231.40
12961.000	240.03	240.03	227.50	231.40
12961.000	240.77	240.77	227.50	231.40
12961.000	241.02	241.03	227.50	231.40
13010.000	237.19	237.19	227.60	0.00
13010.000	240.03	240.03	227.60	0.00
13010.000	240.77	240.77	227.60	0.00
13010.000	241.03	241.03	227.60	0.00
13070.000	237.19	237.60	227.70	0.00
13070.000	240.03	240.03	227.70	0.00
13070.000	240.77	240.77	227.70	0.00
13070.000	241.03	241.03	227.70	0.00

SECID	CASE#	ULOH	UCH	VCH	VLOH	UCH	VCH	ULOH	SECID
00*0	90*1	16*0	16*0	00*0	88*91	24*595	20*102	000*19621	
00*0	16*0	16*0	16*0	00*0	25*24	06*194	11*002	000*19621	
00*0	54*0	54*0	00*0	00*0	60*36	15*113	20*002	000*19621	
00*0	95*8	00*0	00*0	00*0	40*057	00*0	74*632	000*19621	
00*0	96*0	00*0	10*525	02*52	35*544	02*582	000*02621	1200*02621	*
12*0	45*0	65*0	25*212	21*12	26*225	22*222	000*02621	000*02621	*
01*0	15*1	00*6	00*0	00*049	00*1	02*032	00*032	000*02621	*
00*0	45*21	40*0	00*0	00*052	00*0	24*595	000*02621	000*02621	*
00*0	44*0	38*2	04*045	19*552	11*465	06*192	000*01821	000*01821	
05*1	22*0	97*1	15*191	05*911	06*065	84*842	000*01821	1200*01821	
29*1	66*5	39*1	22*151	19*921	02*210	20*032	000*01821	000*01821	
12*1	19*3	80*1	12*06	51*87	15*61	09*482	000*01821	000*01821	
00*0	96*11	61*8	02*36	03*261	07*718	00*702	1200*01821	*	
02*2	35*21	10*2	15*92	21*751	01*511	15*522	200*01821	1200*01821	*
05*1	15*6	68*1	00*81	28*709	11*11	10*502	000*01821	1200*01821	
00*0	61*9	30*1	12*21	08*282	02*744	03*522	000*01821	1200*01821	
00*0	37*9	98*2	25*322	05*555	12*514	22*722	000*049021	1200*049021	
56*1	50*9	65*1	05*591	26*444	21*305	11*262	000*049021	000*049021	
32*1	82*5	32*1	26*284	18*522	03*224	15*122	000*049021	000*049021	
51*1	46*8	61*1	19*54	61*582	02*54	09*622	000*049021	000*049021	
18*5	37*21	15*3	21*226	00*101	01*168	00*47	000*04921	1200*04921	*
03*2	37*01	58*2	00*101	01*255	00*521	02*342	000*04921	000*04921	*
15*2	30*6	15*2	20*111	61*200	15*111	10*312	000*04921	000*04921	*
04*1	42*	24*1	00*92	01*512	21*12	00*042	000*04921	000*04921	*
00*0	15*0	36*2	05*521	19*895	30*242	55*112	000*00111	1200*00111	
00*0	52*1	12*2	10*575	21*582	35*951	11*912	000*00111	1200*00111	
02*2	20*0	00*2	21*042	04*912	04*242	09*992	000*00111	1200*00111	
00*0	66*6	65*1	20*96	52*861	86*25	05*802	000*00111	1200*00111	
00*0	69*2	68*2	08*2	21*951	34*915	00*042	000*05011	1200*05011	
15*2	50*7	26*2	02*245	49*265	00*954	15*262	000*05011	000*05011	
00*0	50*9	40*2	51*192	42*072	46*15	10*602	000*05011	000*05011	
39*1	14*5	15*1	42*24	16*202	05*25	00*782	000*05011	000*05011	
00*0	12*6	16*2	41*051	21*625	21*142	22*012	000*0202011	1200*0202011	
00*0	06*7	54*2	49*505	62*100	50*551	21*602	000*0202011	000*0202011	
00*0	02*1	61*2	48*152	00*525	41*65	53*802	000*0202011	1200*0202011	
21*1	12*5	14*1	26*96	49*802	58*18	69*212	000*0202011	000*0202011	
00*0	25*6	50*5	01*922	50*965	00*772	01*012	000*01611	1200*01611	
69*2	80*8	45*2	19*235	45*500	19*151	25*802	000*01611	000*01611	
00*0	06*7	52*2	45*642	45*552	40*93	20*642	000*01611	1100*01611	
51*1	56*6	49*1	45*56	48*502	51*0x	55*712	000*01611	000*01611	
00*0	96*6	31*5	21*911	66*803	68*212	48*602	1100*01611	1100*01611	
58*2	23*8	59*2	35*55	417*94	25*721	17*602	000*000	1100*000	
05*2	46*1	05*2	24*40	24*40	05*62	52*802	000*000	1100*000	
PR*1	65*9	17*6	17*97	21*912	05*42	27*72	000*000	1100*000	
									SUMMARY PRINTOUT

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SAMS-CR

SECNO	CWSEL	QLOB	QCH	QKUP	VLOB	VCH	VRGP
13010.000	237.14	194.26	38.25	42.49	0.19	0.46	0.18
13010.000	240.03	404.18	62.76	143.65	0.24	0.57	0.24
13010.000	240.77	533.69	79.30	257.02	0.24	0.68	0.28
13010.000	241.03	638.31	93.49	308.20	0.33	0.79	0.33
13070.000	237.14	200.87	67.64	61.49	0.29	0.77	0.24
13070.000	240.03	421.15	100.04	138.76	0.34	0.86	0.28
13070.000	240.77	556.37	123.98	187.65	0.40	1.00	0.32
13070.000	241.03	668.68	145.18	226.13	0.45	1.15	0.37

SAMS CR

SUMMARY PRINTOUT

SECNO	CNSCL	SSTA	SICHL	SICHR	ENDT	TOPALD
11000.000	207.29	1456.93	1474.00	1485.00	1529.28	72.35
11000.000	208.03	1449.55	1474.00	1485.00	1543.41	93.05
11000.000	208.71	1445.76	1474.00	1485.00	1550.66	104.93
11000.000	209.66	1436.74	1474.00	1485.00	1567.93	131.21
11010.000	207.55	1455.62	1474.00	1485.00	1531.79	76.17
11010.000	208.49	1448.29	1474.00	1485.00	1545.83	97.55
11010.000	208.97	1444.55	1474.00	1485.00	1553.62	108.49
11010.000	210.10	1435.66	1474.00	1485.00	1570.01	134.35
11020.000	207.69	1454.31	1474.00	1485.00	1532.38	77.00
11020.000	210.65	1447.91	1474.00	1485.00	1546.56	98.65
11020.000	209.15	1444.04	1474.00	1485.00	1553.87	109.78
11020.000	210.22	1435.91	1474.00	1485.00	1571.26	136.66
11050.000	208.08	1454.84	1474.00	1485.00	1533.28	78.44
11050.000	209.67	1446.69	1474.00	1485.00	1548.51	101.62
11050.000	209.57	1442.93	1474.00	1485.00	1556.07	113.13
11050.000	210.74	1433.63	1474.00	1485.00	1573.51	134.68
11100.000	208.59	1454.55	1474.00	1485.00	1533.85	79.30
11100.000	209.62	1447.71	1474.00	1485.00	1549.32	102.05
11100.000	210.13	1442.36	1474.00	1485.00	1557.10	114.15
11100.000	211.37	1433.87	1474.00	1485.00	1575.33	132.04
11260.000	210.55	1571.65	1590.00	1600.00	1615.52	97.87
* 11260.000	211.81	1551.76	1590.00	1600.00	1635.21	74.50
* 11260.000	212.37	1557.99	1590.00	1600.00	1639.06	86.57
* 11260.100	213.06	1560.61	1590.00	1600.00	1652.96	114.05
12060.000	220.40	1619.63	1559.00	1560.00	1576.47	92.66
12060.000	221.51	1617.17	1559.00	1560.00	1579.07	115.51
12060.000	222.10	1614.35	1559.00	1560.00	1583.12	126.31
12060.000	223.47	1617.22	1559.00	1560.00	1591.56	134.41
12430.000	223.45	1632.45	1525.00	1546.00	1542.96	50.53
12430.000	225.01	1646.58	1525.00	1546.00	1546.84	56.10
* 12430.000	225.67	1648.94	1525.00	1546.00	1547.67	60.70
* 12430.000	227.00	1667.15	1525.00	1546.00	1553.61	86.41
12570.000	228.69	1668.55	1521.00	1536.00	1566.07	137.15
12570.000	229.62	1674.70	1521.00	1536.00	1570.30	165.66
12570.000	230.63	1671.10	1521.00	1536.00	1581.86	186.63
12570.000	231.94	1678.27	1521.00	1536.00	1599.91	211.89
* 12920.000	233.42	1752.27	1522.00	1528.00	1527.74	2.04
* 12920.000	236.26	1728.60	1522.00	1528.00	1528.00	6.00
* 12920.000	238.23	1714.66	1522.00	1528.00	1649.00	324.34
* 12920.000	238.20	1715.05	1522.00	1528.00	1658.12	325.07
12961.000	235.63	1522.00	1522.00	1528.00	1528.00	6.00
12961.000	240.03	1295.52	1522.00	1528.00	1528.00	228.48
12961.000	240.77	1296.50	1522.00	1528.00	1528.00	241.50
12961.000	241.02	1297.03	1522.00	1528.00	1528.00	245.97

SECNO	CWSEL	SSIA	SICHL	SICHR	ENDST	TUPWJD
13010.000	237.19	1323.58	1521.00	1530.00	1628.95	365.37
13010.000	240.03	1284.62	1521.00	1530.00	1650.24	365.63
13010.000	240.77	1274.41	1521.00	1530.00	1656.74	382.33
13010.000	241.03	1270.90	1521.00	1530.00	1658.97	388.07
13070.000	237.19	1109.80	1280.00	1290.00	1361.95	252.15
13070.000	240.03	1065.26	1280.00	1290.00	1340.24	325.04
13070.000	240.77	1053.56	1280.00	1290.00	1397.73	344.17
13070.000	241.03	1049.51	1280.00	1290.00	1400.29	350.79

SAMS CR

SUMMARY PRINTOUT TABLET 150

SECNO	YLCR	ELTED	ELU	ELPNK	R	CNSFL	CRIVS	EG	10KVS	VLR	AREA	.01K
11000.000	0.00	0.00	0.00	203.50	330.00	207.29	6.00	207.75	163.95	6.59	94.38	25.77
11000.000	0.00	0.00	0.00	203.50	670.00	208.24	0.00	208.76	160.59	7.90	172.05	51.91
11000.000	0.00	0.00	0.00	203.50	960.00	208.11	6.00	209.51	166.44	8.62	220.65	69.76
11000.000	0.00	0.00	0.00	203.50	1670.00	209.21	0.00	210.56	163.67	9.98	356.74	125.50
* 11010.000	10.00	0.00	0.00	203.60	330.00	207.55	0.00	207.91	123.99	5.95	108.62	29.64
11010.000	10.00	0.00	0.00	203.60	670.00	208.44	6.00	208.45	155.69	7.40	186.13	57.52
* 11010.000	10.00	0.00	0.00	203.60	960.00	208.31	0.00	209.48	134.59	8.08	237.94	76.10
11010.000	10.00	0.00	0.00	203.60	1660.00	210.10	0.00	210.72	144.19	9.52	375.00	133.25
11020.000	10.00	0.00	0.00	203.70	330.00	207.65	6.00	208.03	116.42	5.83	109.81	30.58
* 11020.000	10.00	0.00	0.00	203.70	670.00	208.15	0.00	209.09	127.85	7.21	192.85	59.25
11020.000	10.00	0.00	0.00	203.70	960.00	209.15	6.00	209.62	151.14	7.90	245.68	78.59
* 11020.000	10.00	0.00	0.00	203.70	1660.00	210.28	0.00	210.87	154.60	9.27	386.30	138.22
11050.000	120.00	0.00	0.00	206.00	330.00	208.01	0.00	208.37	105.83	5.61	114.48	32.08
11050.000	120.00	0.00	0.00	206.00	670.00	209.07	6.00	209.45	104.24	6.85	205.90	64.10
* 11050.000	120.00	0.00	0.00	206.00	960.00	209.21	0.00	210.00	112.00	7.49	260.01	85.04
11050.000	120.00	0.00	0.00	206.00	1660.00	210.15	0.00	211.26	117.80	8.04	406.97	141.46
11100.000	150.00	0.00	0.00	204.50	330.00	208.89	0.00	208.89	94.76	5.44	111.46	33.04
* 11100.000	150.00	0.00	0.00	204.50	670.00	209.87	0.00	209.99	102.52	6.67	211.39	66.11
11100.000	150.00	0.00	0.00	204.50	960.00	210.16	0.00	210.59	103.92	7.25	260.12	88.29
* 11100.000	150.00	0.00	0.00	204.50	1660.00	211.28	0.00	211.83	100.34	8.51	424.08	155.12
* 11260.000	160.00	0.00	0.00	205.00	330.00	210.55	0.00	211.55	111.60	5.21	64.33	21.78
* 11260.000	160.00	0.00	0.00	205.00	670.00	211.61	0.00	212.63	115.58	4.62	135.58	45.21
* 11260.000	160.00	0.00	0.00	205.00	960.00	212.26	0.00	213.38	224.00	10.74	171.83	60.13
* 11260.000	160.00	0.00	0.00	205.00	1660.00	213.44	0.00	214.61	234.62	12.73	411.03	103.45
12060.000	160.00	0.00	0.00	215.1	330.00	206.49	0.00	206.67	68.69	4.95	129.74	40.46
* 12060.000	160.00	0.00	0.00	215.1	670.00	221.21	0.00	221.80	165.87	5.74	241.80	62.55
12060.000	160.00	0.00	0.00	215.1	960.00	222.19	0.00	222.57	69.77	6.09	311.40	111.83
* 12060.000	160.00	0.00	0.00	215.1	1660.00	223.47	0.00	223.73	68.73	6.83	370.43	120.71
12430.000	170.00	0.00	0.00	214.50	330.00	205.89	0.00	206.54	116.25	6.74	94.45	25.14
* 12430.000	170.00	0.00	0.00	214.50	670.00	205.61	0.00	206.61	117.51	4.53	95.54	45.45
* 12430.000	170.00	0.00	0.00	214.50	960.00	205.81	0.00	207.02	225.87	10.35	132.74	60.15
* 12430.000	170.00	0.00	0.00	214.50	1660.00	207.11	0.00	208.46	211.95	11.40	341.41	110.16
12670.000	180.00	0.00	0.00	215.1	330.00	206.49	0.00	206.96	61.57	3.67	201.44	42.05
* 12670.000	180.00	0.00	0.00	215.1	670.00	226.02	0.00	226.10	43.41	3.99	374.27	111.84
12670.000	180.00	0.00	0.00	215.1	960.00	226.64	0.00	226.71	59.21	4.22	476.36	143.73
* 12670.000	180.00	0.00	0.00	215.1	1660.00	227.49	0.00	228.04	54.27	4.77	745.99	272.08
* 12920.000	190.00	0.00	0.00	227.27	330.00	225.07	0.00	225.42	255.84	1071.45	120.51	263.08
* 12920.000	190.00	0.00	0.00	227.27	670.00	225.68	0.00	225.76	1025.46	15.51	45.12	20.05
* 12920.000	190.00	0.00	0.00	227.27	960.00	226.23	0.00	226.84	2293.80	1273.40		
* 12920.000	190.00	0.00	0.00	227.27	1660.00	226.80	0.00	228.20	6.64	0.46	481.49	1263.52
12961.000	41.00	0.00	0.00	227.90	330.00	225.05	0.00	226.46	86.34	8.56	38.55	35.51
* 12961.000	41.00	0.00	0.00	227.90	670.00	226.03	0.00	226.03	8.30	0.75	1881.36	1200.46
12961.000	41.00	0.00	0.00	227.90	960.00	226.77	0.00	226.77	8.41	0.91	2056.12	1361.98
* 12961.000	41.00	0.00	0.00	227.90	1660.00	227.02	0.00	227.03	8.54	1.06	2118.42	1420.09

SECNO	XLCH	ELTRD	ELLC	ELKTF	H	CWSFL	CRJWS	EG	10K*S	VCH	AREA	.01K
13010.000	49.00	0.00	0.00	227.60	330.00	237.19	0.00	237.19	0.17	0.46	1651.47	804.28
13010.000	49.00	0.00	0.00	227.60	660.00	240.03	0.00	240.03	0.19	0.57	2602.20	1526.01
13010.000	49.00	0.00	0.00	227.60	870.00	240.77	0.00	240.77	0.24	0.68	2879.83	1758.33
13010.000	49.00	0.00	0.00	227.60	1040.00	241.03	0.00	241.03	0.32	0.79	2978.16	1842.12
13070.000	60.00	0.00	0.00	227.70	330.00	237.14	0.00	237.20	0.56	0.77	1050.70	439.09
13070.000	60.00	0.00	0.00	227.70	660.00	240.03	0.00	240.03	0.49	0.86	1868.72	943.66
13070.000	60.00	0.00	0.00	227.70	870.00	240.77	0.00	240.78	0.61	1.00	2117.71	1113.23
13070.000	60.00	0.00	0.00	227.70	1040.00	241.03	0.00	241.03	0.78	1.15	2206.72	1175.72

SAMS CR

SUMMARY PRINTOUT TABLE 150

SECNO	D	CSEL	DIFFSP	DIFFSX	DIFFSY	TOTALD	X1C1
11000.000	530.00	207.24	0.00	0.00	1.24	72.35	0.00
11000.000	670.00	208.25	0.94	0.00	1.23	93.05	0.00
11000.000	900.00	208.71	0.48	0.00	1.11	104.53	0.00
11000.000	1600.00	209.86	1.15	0.00	5.86	151.21	0.00
11010.000	530.00	207.35	0.00	0.25	0.00	76.17	10.00
11010.000	670.00	208.44	0.94	0.26	0.00	97.55	10.00
11010.000	900.00	208.97	0.48	0.25	0.00	108.49	10.00
11010.000	1600.00	210.10	1.15	0.26	0.00	154.35	10.00
11020.000	530.00	207.69	0.05	0.14	0.00	77.46	10.00
11020.000	670.00	208.75	0.95	0.16	0.00	98.65	10.00
11020.000	900.00	209.15	0.49	0.17	0.00	109.78	10.00
11020.000	1600.00	210.28	1.15	0.18	0.00	156.25	10.00
11050.000	530.00	208.16	0.00	0.77	0.00	78.48	30.00
11050.000	670.00	209.67	1.01	0.42	0.00	101.68	30.00
11050.000	900.00	209.57	0.50	0.40	0.00	113.73	30.00
11050.000	1600.00	210.74	1.16	0.46	0.00	159.06	30.00
11100.000	530.01	208.59	0.00	0.53	0.00	79.30	50.00
11100.000	670.00	209.82	1.03	0.55	0.00	102.85	50.00
11100.000	900.00	210.10	0.50	0.57	0.00	114.75	50.00
11100.000	1600.00	211.33	1.16	0.61	0.00	158.94	50.00
11260.000	530.00	211.65	0.00	2.01	0.00	87.87	160.00
11260.000	670.00	211.61	1.16	2.10	0.00	104.56	160.00
11260.000	900.00	212.36	0.52	2.70	0.00	96.57	160.00
11260.000	1600.00	213.46	1.16	2.18	0.00	115.84	160.00
12060.000	530.00	206.40	0.00	4.70	0.00	92.62	80.00
12060.000	670.00	207.51	1.12	4.70	0.00	112.31	80.00
12060.000	900.00	208.11	0.58	4.70	0.00	126.97	80.00
12060.000	1600.00	209.87	1.37	4.70	0.00	154.61	80.00
12430.000	530.00	223.89	0.00	5.56	0.89	86.53	370.00
12430.000	670.00	225.13	1.16	5.46	0.90	106.16	370.00
12430.000	900.00	225.77	0.69	5.51	0.90	96.60	370.00
12430.000	1600.00	227.67	1.48	5.61	0.90	106.46	370.00
12870.000	530.00	206.10	0.00	5.01	0.60	157.15	460.00
12870.000	670.00	207.82	1.13	5.01	0.60	165.66	460.00
12870.000	900.00	208.83	0.60	5.02	0.60	166.63	460.00
12870.000	1600.00	210.00	1.36	5.06	0.60	211.76	460.00
12920.000	530.00	223.42	0.00	5.57	0.89	125.47	50.00
12920.000	670.00	224.63	2.00	5.80	0.89	136.00	50.00
12920.000	900.00	225.23	1.97	5.81	0.89	152.63	50.00
12920.000	1600.00	226.80	2.04	5.81	0.89	182.07	50.00
12961.000	530.00	235.65	0.09	6.61	0.00	6.00	41.00
12961.000	670.00	240.63	2.20	3.78	0.00	228.48	41.00
12961.000	900.00	240.77	0.74	6.54	0.00	241.50	41.00
12961.000	1600.00	241.08	0.25	6.63	0.00	245.47	41.00

SFCNO	O	CASEL	DIFNSP	DIFNSX	DIFNSS	TOPAID	XCH
13010.000	330.00	237.19	0.00	1.37	0.00	365.37	44.00
13010.000	660.00	240.63	2.43	0.00	0.00	365.33	44.00
13010.000	670.00	246.77	0.74	0.00	0.00	382.33	44.00
13010.000	1040.00	241.03	0.26	0.00	1.00	388.67	45.00
13070.000	330.00	237.19	0.00	0.00	0.00	256.15	60.00
13070.000	660.00	240.63	2.43	0.00	0.00	325.04	60.00
13070.000	670.00	246.77	0.74	0.00	0.00	363.17	60.00
13070.000	1040.00	241.03	0.26	0.00	0.00	353.74	60.00

SUMMARY OF ERRORS

CAUTION SFCNO=11260.000 EFFEFL= 1 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=11260.000 EFFEFL= 2 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=11260.000 EFFEFL= 3 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=11260.000 EFFEFL= 4 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 5 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 1 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 7 PROBABLY TOO STEEP SPECIFIC ENERGY

CAUTION SFCNO=12050.000 EFFEFL= 1 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 1 STOPPED TOO STEEP

CAUTION SFCNO=12050.000 EFFEFL= 2 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 3 PROBABLY TOO STEEP SPECIFIC ENERGY

CAUTION SFCNO=12050.000 EFFEFL= 3 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 4 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 4 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 5 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 5 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 6 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 6 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 7 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 7 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 8 PROBABLY TOO STEEP SPECIFIC ENERGY

CAUTION SFCNO=12050.000 EFFEFL= 8 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 9 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 9 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 10 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 10 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 11 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 11 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 12 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 12 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 13 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 13 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 14 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 14 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 15 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 15 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 16 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 16 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 17 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 17 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 18 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 18 20 TRIALS ATTEMPTED TO BALANCE VSL

CAUTION SFCNO=12050.000 EFFEFL= 19 CRITICAL DEPTH ASSUMED

CAUTION SFCNO=12050.000 EFFEFL= 19 20 TRIALS ATTEMPTED TO BALANCE VSL

THIS RUN EXECUTED 23 JUN 80 14:21:51

HEC2 RELEASED MARCH 76 UPATED JULY 1979
ERROR CORR = 01,02,03
MODIFICATION = 50-51756-13

C - PREDICTING WITH THIS PRE
T1 - EPM6 CLAYEUE FOR F15 CRF

T2 - TOTAL PREDICTION
T3 - SADS CR

	ICHECK	IND	INDV.	INDP	INDL	PFRIT	RVNS	G	WEL	FQ
	0.	0.	0.	0.	0.00000	0.00	0.0	0.	208.700	0.000
J1	EPM6	120.0	0.000	0.000	0.00000	0.00	0.0	0.	208.700	0.000
J2	EPM6	120.0	0.000	0.000	0.00000	0.00	0.0	0.	208.700	0.000
J3	VARIABLE CODES FOR SURVEY POINTS									
	30.000	1.000	2.000	41.000	0.000	5.000	45.000	0.000	58.000	1.000
	53.000	121.000	122.000	54.000	114.000	0.000	200.000	0.000	0.000	0.000
RC	0.110	0.000	0.000	0.000	0.00000	0.000	0.000	0.000	0.000	0.000
Q1	0.000	0.500	0.000	0.000	0.00000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.00000	0.000	0.000	0.000	1450.000	1530.000
	*** END OF FILE									
X1	11000.000	19.000	1076.000	1485.000	0.000	35.000	6.000	0.000	0.000	0.000
GR	236.000	1600.000	258.000	1196.000	228.000	1240.000	224.000	1300.000	212.000	1420.000
GR	200.000	1057.000	202.000	1474.000	204.500	1476.000	203.500	1480.000	204.400	1484.000
GR	205.900	1635.000	205.000	1510.000	212.000	1600.000	216.000	1710.000	220.000	1790.000
GR	224.000	1020.000	221.000	1496.000	238.000	1430.000	238.600	1460.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.00000	0.000	0.000	0.000	1465.000	1530.000
	X1	11016.000	0.000	0.000	0.000	16.000	10.000	16.000	0.100	0.000
ET	0.000	0.000	0.000	0.000	0.00000	0.000	0.000	0.000	1465.000	1530.000
	X1	11026.000	0.000	0.000	0.000	16.000	10.000	16.000	0.100	0.000
ET	0.000	0.000	0.000	0.000	0.00000	0.000	0.000	0.000	1465.000	1530.000
	X1	11056.000	6.000	0.000	0.000	40.000	30.000	30.000	0.500	0.000
ET	0.000	0.000	0.000	0.000	0.00000	0.000	0.000	0.000	1465.000	1530.000
	X1	11106.000	0.000	0.000	0.000	50.000	50.000	50.000	0.500	0.000
ET	0.000	0.000	0.000	0.000	0.00000	0.000	0.000	0.000	1560.000	1630.000

X1	11260.000	13.000	1590.000	1600.000	160.000	160.000	160.000	0.000	0.000	0.000
GR	240.000	1540.000	230.000	1460.000	216.000	1490.000	204.000	1590.000	208.000	1591.000
GR	267.200	1542.000	216.000	1595.000	207.000	1590.000	208.000	1594.000	209.000	1600.000
GR	220.000	1750.000	229.000	1880.000	236.000	1990.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1290.000	1360.000

*** TOPO SECTION

X1	12060.000	15.000	1339.000	1350.000	800.000	860.000	800.000	0.000	0.000	0.000
GR	236.000	1000.000	232.000	1056.000	228.000	1173.000	224.000	1236.000	226.000	1265.000
GR	218.600	1330.000	216.000	1341.000	215.100	1345.000	216.200	1349.000	218.600	1350.000
GR	220.000	1379.000	224.000	1395.000	226.000	1436.000	232.000	1470.000	238.000	1500.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1438.000	1549.000

*** SURVEYED SECTION

X1	12450.000	12.000	1579.000	1540.000	570.000	570.000	710.000	0.000	0.000	0.000
GR	238.000	1273.000	279.000	1490.000	223.000	1525.000	222.000	1527.000	220.000	1528.000
GR	240.000	1531.000	219.000	1553.000	221.000	1535.000	220.500	1538.000	222.000	1535.000
GR	225.000	1649.000	265.000	1696.000	6.000	0.000	6.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1465.000	1535.000

X1	12270.000	17.000	1171.000	1530.000	640.000	640.000	640.000	0.000	0.000	0.000
GR	247.000	1290.000	269.000	1230.000	261.000	1290.000	258.000	1340.000	232.000	1460.000
GR	228.000	1450.000	229.000	1521.000	227.000	1522.000	227.100	1522.000	227.200	1522.000
GR	220.000	1530.000	220.000	1505.000	231.000	1595.000	236.000	1620.000	240.000	1650.000
GR	240.000	1665.000	267.000	1765.000	6.000	0.000	6.000	0.000	0.000	0.000
GT	6.000	436.000	611.000	871.000	436.000	610.000	670.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1460.000	1530.000

*** TAKEN SECTION

X1	12460.000	0.000	1582.000	1526.000	10.000	90.000	560.000	0.000	-0.300	0.000
X3	16.000	0.000	0.000	0.000	0.000	0.000	0.000	248.000	238.000	0.000
GR	247.000	1260.000	234.000	1231.000	240.000	1310.000	236.000	1300.000	232.000	1400.000
GR	228.000	1450.000	227.000	1531.000	235.000	1522.000	233.000	1522.400	227.500	1523.500
GR	227.500	1560.000	227.500	1526.000	233.000	1527.000	235.000	1526.000	227.700	1529.000
GR	228.600	1692.000	250.000	1592.000	248.000	1620.000	240.000	1650.000	244.000	1685.000
GR	247.000	1705.000	256.000	1696.000	6.000	0.000	6.000	0.000	0.000	0.000
S3	1.000	1.000	0.000	0.000	0.000	0.000	0.000	0.203	227.500	227.200
NC	0.000	0.000	0.125	0.100	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100	1440.000	1530.000

X1	12461.000	0.000	1.000	1.000	0.000	0.000	0.000	0.000	0.300	0.000
X2	0.000	0.000	1.000	1.000	257.900	259.000	259.000	0.000	0.000	0.000
X3	16.000	0.000	0.000	0.000	0.000	0.000	0.000	239.000	241.300	0.000
BT	15.000	1205.000	267.000	1231.000	246.000	1310.000	242.000	1400.000	239.500	0.000
BT	1450.000	2350.000	0.000	1526.000	241.000	1528.000	248.000	1521.100	238.000	1523.500
BT	241.100	2371.000	1575.000	201.000	137.000	1526.500	241.200	217.600	1521.600	241.300
BT	236.000	1567.000	201.300	235.000	1620.000	243.500	245.000	1705.600	247.000	0.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1475.000	1535.000

X1	13016.000	16.000	1581.000	1530.000	89.000	89.000	89.000	0.000	0.000	0.000
GR	247.000	1200.000								

*** SURVEYED SECTION

THIS RUN EXECUTED 23 JUN 80 14:22:02

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 FPMB CLAYTON GE FIG 1A
T2 100 YR FLOOR
T3 SADS LN

THIS RUN EXECUTED 23 JUN 80 14:22:06

HEC2 RELEASE DATE 1 NOV 76 UPDATED JULY 1979
ERROR CDRR - 01,02,03
NOTIFICATION - 50,51,52,53

NOTE: ASTERTSK TAT AT LIFT-DETERMINED-SPECTRUM REFERENCE FREQUENCIES MESSAGE IN SUMMARY OF FREQUENCIES LIST

SAMS CR

SUMMARY PR1-1001

SEC 10	PER SEC	TF	FIT	TITLE	THRS	THRS
11000.000	200.77	205.31	0.00	203.50	168.77	900.00
11000.000	209.90	205.41	0.00	203.50	92.70	900.00
11010.000	208.95	204.04	0.00	203.60	140.63	900.00
11010.000	209.20	204.04	0.00	203.60	103.57	900.00
11020.000	209.17	209.12	0.00	203.70	131.50	900.00
11020.000	209.97	211.65	0.00	205.70	163.70	900.00
11050.000	209.97	210.60	0.00	204.00	112.10	900.00
11050.000	209.87	210.50	0.00	204.00	192.50	900.00
11100.000	210.21	210.50	0.00	204.50	163.95	900.00
11100.000	210.40	210.75	0.00	204.50	100.67	900.00
11260.000	210.54	213.00	0.00	206.00	109.60	900.00
11260.000	212.31	213.00	0.00	206.00	217.21	900.00
12060.000	222.10	222.10	0.00	215.00	59.77	900.00
12060.000	222.41	226.77	0.00	215.10	11.71	900.00
12430.000	225.61	227.00	0.00	219.50	223.87	900.00
12430.000	225.47	227.00	0.00	219.30	176.51	900.00
12870.000	230.73	230.77	0.00	226.30	15.71	900.00
12870.000	231.31	231.50	0.00	226.30	15.46	900.00
12920.000	238.23	231.00	0.00	221.20	0.47	870.00
12920.000	238.11	238.10	0.00	221.20	27.33	870.00
12961.000	240.77	240.77	237.90	227.50	0.31	870.00
12961.000	241.53	241.50	237.90	227.50	6.45	870.00
13010.000	240.77	240.77	0.00	227.60	0.24	870.00
13010.000	241.32	241.30	0.00	227.60	2.72	870.00
13070.000	240.77	240.70	0.00	227.70	0.61	870.00
13070.000	241.35	241.30	0.00	227.70	4.45	870.00

SAMS CR

SUMMARY PRINTOUT

SECNO	WSEL	SSTA	SICHL	SLCR	ENST	TOTAL
11000.000	208.70	1445.65	1470.00	1485.00	1550.50	104.65
11000.000	209.40	1460.00	1474.00	1485.00	1530.00	76.00
11010.000	208.90	1444.57	1474.00	1485.00	1552.46	108.39
11010.000	209.40	1465.60	1474.00	1485.00	1530.00	65.00
11020.000	209.10	1446.11	1474.00	1485.00	1553.85	109.71
11020.000	209.50	1466.00	1474.00	1485.00	1530.00	65.00
11050.000	209.50	1402.95	1474.00	1485.00	1556.05	113.16
11050.000	209.80	1465.60	1474.00	1485.00	1530.00	65.00
11100.000	210.10	1442.30	1474.00	1485.00	1557.13	114.74
11100.000	210.40	1465.10	1474.00	1485.00	1530.00	65.00
11260.000	212.30	1452.46	1500.00	1610.00	1704.46	86.57
11260.000	212.50	1460.00	1500.00	1610.00	1630.00	70.00
12060.000	222.10	1456.15	1330.00	1350.00	1315.18	126.97
12060.000	222.30	1460.00	1330.00	1350.00	1360.00	70.00
* 12030.000	225.00	1429.00	1424.00	1546.00	1548.64	166.64
* 12030.000	225.30	1430.00	1428.00	1540.00	1549.00	91.00
12070.000	230.65	1417.10	1521.00	1530.00	1517.82	130.63
12070.000	231.50	1405.60	1521.00	1530.00	1535.11	76.00
* 12020.000	232.00	1314.00	1422.00	1570.00	1635.00	324.30
* 12020.000	232.10	1400.00	1422.00	1568.00	1530.00	90.00
12061.000	240.77	1406.50	1422.00	1520.00	1526.00	201.50
12061.000	241.30	1406.10	1422.00	1520.00	1530.00	90.00
13010.000	250.77	1470.00	1521.00	1530.00	1656.79	382.53
13010.000	251.30	1471.00	1521.00	1530.00	1535.00	69.00
13070.000	240.77	1406.50	1260.00	1290.00	1397.18	304.17
13070.000	241.30	1406.10	1260.00	1290.00	1290.00	60.00

SUMMARY OF ERRINGS

CAUTION SECNO=11260.000 PROFILE=1 CRITICAL DEPTH ASSUMED

CAUTION SECNO=12030.000 PROFILE=1 CRITICAL DEPTH ASSUMED

CAUTION SECNO=12020.000 PROFILE=1 CRITICAL DEPTH ASSUMED

CAUTION SECNO=12020.000 PROFILE=1 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO=12020.000 PROFILE=1 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=12020.000 PROFILE=2 CRITICAL DEPTH ASSUMED

CAUTION SECNO=12020.000 PROFILE=2 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO=12020.000 PROFILE=2 20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOODWAY DATA, SAMS CH
PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY		WATER SURFACE ELEVATION		
		SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	Difference
11000.000	70.	242.	3.7	209.4	208.7	0.7
11010.000	65.	225.	4.0	209.5	209.0	0.5
11020.000	65.	225.	4.0	209.5	204.1	0.4
11050.000	65.	225.	4.0	209.5	209.6	0.5
11100.000	65.	227.	4.0	210.4	210.1	0.3
11260.000	70.	170.	3.5	212.5	212.3	0.0
12060.000	70.	250.	3.5	222.4	222.1	0.3
12030.000	51.	149.	6.0	225.9	225.6	0.3
12870.000	70.	240.	3.1	231.3	230.6	0.7
12920.000	90.	937.	0.9	238.2	238.2	0.0
12961.000	40.	1142.	6.7	241.4	240.8	0.6
13010.000	60.	757.	1.6	241.4	240.8	0.6
13070.600	60.	655.	1.3	241.4	240.8	0.6