

EXISTING LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN S3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	57.8	75	4335	0	83	0	0	87	0
<=1/8	0	77	0	32.2	85	2737	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	10	92	920	0	94	0	0	95	0
SUM	0		0	100		7992	0		0	0		0
% Basin Area 100												
WEIGHTED CN 79.92												

BASIN T1A	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	41.2	75	3090	0	83	0	0	87	0
<=1/8	0	77	0	30.2	85	2567	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	28.6	92	2631.2	0	94	0	0	95	0
SUM	0		0	100		8288.2	0		0	0		0
% Basin Area 100												
WEIGHTED CN 82.882												

BASIN T1B	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	85.9	75	6442.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	14.1	92	1297.2	0	94	0	0	95	0
SUM	0		0	100		7739.7	0		0	0		0
% Basin Area 100												
WEIGHTED CN 77.397												

BASIN T2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	73.3	68	4984.4	0	79	0	0	84	0
1/8 - 1/2	0	61	0	13.5	75	1012.5	0	83	0	0	87	0
<=1/8	0	77	0	1.4	85	119	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	5.6	92	515.2	0	94	0	0	95	0
SUM	0		0	93.8		6631.1	0		0	0		0
% Basin Area 93.8												
WEIGHTED CN 70.694												

BASIN T3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	27.5	68	1870	0	79	0	0	84	0
1/8 - 1/2	0	61	0	72.5	75	5437.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7307.5	0		0	0		0

% Basin Area 100
WEIGHTED CN 73.075

BASIN T4A	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	17.3	68	1176.4	5.1	79	402.9	0	84	0
1/8 - 1/2	0	61	0	41.2	75	3090	23.1	83	1917.3	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	13.3	92	1223.6	0	94	0	0	95	0
SUM	0		0	71.8		5490	28.2		2320.2	0		0

% Basin Area 100
WEIGHTED CN 78.102

BASIN T4B	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	2.9	68	197.2	31.7	79	2504.3	0	84	0
1/8 - 1/2	0	61	0	10.8	75	810	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	54.6	92	5023.2	0	94	0	0	95	0
SUM	0		0	68.3		6030.4	31.7		2504.3	0		0

% Basin Area 100
WEIGHTED CN 85.347

BASIN V1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	35.2	75	2640	0	83	0	39.2	87	3410.4
<=1/8	0	77	0	11.3	85	960.5	0	90	0	1.6	92	147.2
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	1.7	92	156.4	11	94	1034	0	95	0
SUM	0		0	48.2		3756.9	11		1034	40.8		3557.6

% Basin Area 100
WEIGHTED CN 83.485

EXISTING LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN V2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0.7	75	52.5	0	83	0	0	87	0
<=1/8	0	77	0	10.9	85	926.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	4.5	92	414	83.9	94	7886.6	0	95	0
SUM	0		0	16.1		1393	83.9		7886.6	0		0
% Basin Area 100												
WEIGHTED CN 92.796												

BASIN W1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	51.4	75	3855	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	9.5	88	836	0	91	0	6.3	93	585.9
COM/BUS	0	89	0	32.8	92	3017.6	0	94	0	0	95	0
SUM	0		0	93.7		7708.6	0		0	6.3		585.9
% Basin Area 100												
WEIGHTED CN 82.945												

BASIN W2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	93.9	88	8263.2	0	91	0	6.1	93	567.3
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	93.9		8263.2	0		0	6.1		567.3
% Basin Area 100												
WEIGHTED CN 88.305												

BASIN W3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	9.2	88	809.6	0.7	91	63.7	0.6	93	55.8
COM/BUS	0	89	0	37.9	92	3486.8	51.6	94	4850.4	0	95	0
SUM	0		0	47.1		4296.4	52.3		4914.1	0.6		55.8
% Basin Area 100												
WEIGHTED CN 92.663												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN A1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

BASIN A2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

BASIN A3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

BASIN A4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN A5	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

BASIN A6	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

BASIN A7	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

BASIN A8	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN A9	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0
% Basin Area												
WEIGHTED CN												
61												

BASIN A10	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0
% Basin Area												
WEIGHTED CN												
61												

BASIN A11	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0
% Basin Area												
WEIGHTED CN												
61												

BASIN A12	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0
% Basin Area												
WEIGHTED CN												
61												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN		Hydrologic Soil Group											
A13		A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product	
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0	
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0	
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0	
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0	
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0	
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0	
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0	
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0	
SUM	0		0	100		6100	0		0	0		0	
% Basin Area		100											
WEIGHTED CN		61											

BASIN		Hydrologic Soil Group											
B1		A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product	
>= 5	0	39	0	76	61	4636	0	74	0	0	80	0	
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0	
1/2 - 2 1/2	0	51	0	24	68	1632	0	79	0	0	84	0	
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0	
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0	
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0	
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0	
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0	
SUM	0		0	100		6268	0		0	0		0	
% Basin Area		100											
WEIGHTED CN		62.68											

BASIN		Hydrologic Soil Group											
B2		A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product	
>= 5	0	39	0	0	61	0	0	74	0	0	80	0	
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0	
1/2 - 2 1/2	0	51	0	55	68	3740	0	79	0	0	84	0	
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0	
<=1/8	0	77	0	12	85	1020	0	90	0	0	92	0	
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0	
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0	
COM/BUS	0	89	0	33	92	3036	0	94	0	0	95	0	
SUM	0		0	100		7796	0		0	0		0	
% Basin Area		100											
WEIGHTED CN		77.96											

BASIN		Hydrologic Soil Group											
B3		A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product	
>= 5	0	39	0	0	61	0	0	74	0	0	80	0	
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0	
1/2 - 2 1/2	0	51	0	22	68	1496	0	79	0	0	84	0	
1/8 - 1/2	0	61	0	64	75	4800	0	83	0	0	87	0	
<=1/8	0	77	0	14	85	1190	0	90	0	0	92	0	
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0	
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0	
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0	
SUM	0		0	100		7486	0		0	0		0	
% Basin Area		100											
WEIGHTED CN		74.86											

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN B4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	22	68	1496	0	79	0	0	84	0
1/8 - 1/2	0	61	0	68	75	5100	10	83	830	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	90		6596	10		830	0		0
% Basin Area 100												
WEIGHTED CN 74.26												

BASIN B5	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	49	75	3675	0	83	0	0	87	0
<=1/8	0	77	0	19	85	1615	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	32	92	2944	0	94	0	0	95	0
SUM	0		0	100		8234	0		0	0		0
% Basin Area 100												
WEIGHTED CN 82.34												

BASIN B6	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	69	75	5175	0	83	0	0	87	0
<=1/8	0	77	0	21	85	1785	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	10	92	920	0	94	0	0	95	0
SUM	0		0	100		7880	0		0	0		0
% Basin Area 100												
WEIGHTED CN 78.8												

BASIN B7	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	3.4	61	207.4	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	66.2	75	4965	16.9	83	1402.7	0	87	0
<=1/8	0	77	0	7.1	85	603.5	3	90	270	0	92	0
SC, A.F.	0	68	0	3.4	79	268.6	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	80.1		6044.5	19.9		1672.7	0		0
% Basin Area 100												
WEIGHTED CN 77.172												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN B8	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	61.3	75	4597.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	38.7	92	3560.4	0	94	0	0	95	0
SUM	0		0	100		8157.9	0		0	0		0

% Basin Area 100
WEIGHTED CN **81.579**

BASIN B9	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	16.2	75	1215	83.8	83	6955.4	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	16.2		1215	83.8		6955.4	0		0

% Basin Area 100
WEIGHTED CN **81.704**

BASIN C1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	81.7	61	4983.7	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	6.1	68	414.8	0	79	0	0	84	0
1/8 - 1/2	0	61	0	12.2	75	915	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6313.5	0		0	0		0

% Basin Area 100
WEIGHTED CN **63.135** Use URS Value: 67.5

BASIN C2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	100	61	6100	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6100	0		0	0		0

% Basin Area 100
WEIGHTED CN **61**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN C3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	78.6	61	4794.6	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	4.1	68	278.8	0	79	0	0	84	0
1/8 - 1/2	0	61	0	17.3	75	1297.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6370.9	0		0	0		0

% Basin Area 100
WEIGHTED CN 63.709

BASIN C4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	63.1	61	3849.1	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	3.9	68	265.2	0	79	0	0	84	0
1/8 - 1/2	0	61	0	31.7	75	2377.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	1.3	79	102.7	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6594.5	0		0	0		0

% Basin Area 100
WEIGHTED CN 65.945

BASIN C5	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	31	61	1891	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	31.3	68	2128.4	0	79	0	0	84	0
1/8 - 1/2	0	61	0	37.7	75	2827.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6846.9	0		0	0		0

% Basin Area 100
WEIGHTED CN 68.469

BASIN C6	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	49.9	75	3742.5	0	83	0	0	87	0
<=1/8	0	77	0	42.6	85	3621	0	90	0	0	92	0
SC, A.F.	0	68	0	7.5	79	592.5	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7956	0		0	0		0

% Basin Area 100
WEIGHTED CN 79.56

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN C7	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	2.9	61	176.9	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0.7	68	47.6	0	79	0	0	84	0
1/8 - 1/2	0	61	0	25.7	75	1927.5	0	83	0	0	87	0
<=1/8	0	77	0	16	85	1360	0	90	0	0	92	0
SC, A.F.	0	68	0	54.7	79	4321.3	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7833.3	0		0	0		0
% Basin Area 100												
WEIGHTED CN 78.333												

BASIN C8	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	12.3	68	836.4	0	79	0	0	84	0
1/8 - 1/2	0	61	0	44	75	3300	4.2	83	348.6	0	87	0
<=1/8	0	77	0	19.9	85	1691.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	19.5	92	1794	0	94	0	0	95	0
SUM	0		0	95.7		7621.9	4.2		348.6	0		0
% Basin Area 99.9												
WEIGHTED CN 79.785												

BASIN C9	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	61.7	75	4627.5	0	83	0	0	87	0
<=1/8	0	77	0	19.3	85	1640.5	3	90	270	0	92	0
SC, A.F.	0	68	0	16	79	1264	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	97		7532	3		270	0		0
% Basin Area 100												
WEIGHTED CN 78.02												

BASIN C10	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	82.1	75	6157.5	8.4	83	697.2	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	9.5	79	750.5	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	91.6		6908	8.4		697.2	0		0
% Basin Area 100												
WEIGHTED CN 76.052												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN C11	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	40.2	75	3015	47	83	3901	0	87	0
<=1/8	0	77	0	3.6	85	306	9.2	90	828	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	43.8		3321	56.2		4729	0		0

% Basin Area 100
WEIGHTED CN 80.5

BASIN C12	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	76	75	5700	24	83	1992	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	76		5700	24		1992	0		0

% Basin Area 100
WEIGHTED CN 76.92 *Use URS Value: 81.2*

BASIN C13	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	46.8	61	2854.8	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	44.6	68	3032.8	0	79	0	0	84	0
1/8 - 1/2	0	61	0	6.3	75	472.5	0	83	0	0	87	0
<=1/8	0	77	0	2.3	85	195.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6555.6	0		0	0		0

% Basin Area 100
WEIGHTED CN 65.556 *Use URS Value: 69.8*

BASIN C14	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	100	75	7500	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7500	0		0	0		0

% Basin Area 100
WEIGHTED CN 75

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN C15	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	68.3	75	5122.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	31.7	79	2504.3	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7626.8	0		0	0		0
% Basin Area 100												
WEIGHTED CN 76.268												

BASIN C16	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	88.3	75	6622.5	0	83	0	0	87	0
<=1/8	0	77	0	11.7	85	994.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7617	0		0	0		0
% Basin Area 100												
WEIGHTED CN 76.17												

BASIN C17	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	78.6	75	5895	0	83	0	0	87	0
<=1/8	0	77	0	21.4	85	1819	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7714	0		0	0		0
% Basin Area 100												
WEIGHTED CN 77.14												

BASIN C18	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	98.8	75	7410	0	83	0	0	87	0
<=1/8	0	77	0	1.2	85	102	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7512	0		0	0		0
% Basin Area 100												
WEIGHTED CN 75.12												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN C19	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	91.4	75	6855	0	83	0	0	87	0
<=1/8	0	77	0	8.6	85	731	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7586	0		0	0		0
% Basin Area 100												
WEIGHTED CN 75.86												

BASIN C20	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	52.2	75	3915	20.9	83	1734.7	0	87	0
<=1/8	0	77	0	22.9	85	1946.5	4	90	360	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	75.1		5861.5	24.9		2094.7	0		0
% Basin Area 100												
WEIGHTED CN 79.562												

BASIN D1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	100	83	8300	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	0		0	100		8300	0		0
% Basin Area 100												
WEIGHTED CN 83												

BASIN D2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	5.4	75	405	75.1	83	6233.3	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	19.5	94	1833	0	95	0
SUM	0		0	5.4		405	94.6		8066.3	0		0
% Basin Area 100												
WEIGHTED CN 84.713												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN D3A	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	49.6	92	4563.2	50.4	94	4737.6	0	95	0
SUM	0		0	49.6		4563.2	50.4		4737.6	0		0

% Basin Area 100

WEIGHTED CN

93.008

Basin Area Changed; Curve Number Unchanged

BASIN D4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	20.6	75	1545	9.2	83	763.6	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	25.7	88	2261.6	6.6	91	600.6	0	93	0
COM/BUS	0	89	0	37.9	92	3486.8	0	94	0	0	95	0
SUM	0		0	84.2		7293.4	15.8		1364.2	0		0

% Basin Area 100

WEIGHTED CN

86.576

BASIN D5	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	5.8	88	510.4	0	91	0	0	93	0
COM/BUS	0	89	0	94.2	92	8666.4	0	94	0	0	95	0
SUM	0		0	100		9176.8	0		0	0		0

% Basin Area 100

WEIGHTED CN

91.768

BASIN E1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	28.3	68	1924.4	0	79	0	0	84	0
1/8 - 1/2	0	61	0	71.7	75	5377.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7301.9	0		0	0		0

% Basin Area 100

WEIGHTED CN

73.019

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN E2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	7.9	75	592.5	0	83	0	0	87	0
<=1/8	0	77	0	16.5	85	1402.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	75.6	92	6955.2	0	94	0	0	95	0
SUM	0		0	100		8950.2	0		0	0		0

% Basin Area 100
WEIGHTED CN **89.502**

BASIN E3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	35.7	75	2677.5	0	83	0	0	87	0
<=1/8	0	77	0	17.6	85	1496	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	46.7	92	4296.4	0	94	0	0	95	0
SUM	0		0	100		8469.9	0		0	0		0

% Basin Area 100
WEIGHTED CN **84.699**

BASIN E4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	33.9	61	2067.9	12	74	888	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	19	85	1615	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	35.1	92	3229.2	0	94	0	0	95	0
SUM	0		0	88		6912.1	12		888	0		0

% Basin Area 100
WEIGHTED CN **78.001**

BASIN E5	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	24.6	75	1845	0	83	0	0	87	0
<=1/8	0	77	0	42.3	85	3595.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	33.1	92	3045.2	0	94	0	0	95	0
SUM	0		0	100		8485.7	0		0	0		0

% Basin Area 100
WEIGHTED CN **84.857**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN E6	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	10.4	61	634.4	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	89.6	75	6720	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7354.4	0		0	0		0
% Basin Area 100												
WEIGHTED CN 73.544												

BASIN E7	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	14.1	61	860.1	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	22.2	85	1887	25.3	90	2277	0	92	0
SC, A.F.	0	68	0	25	79	1975	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	8.9	92	818.8	4.5	94	423	0	95	0
SUM	0		0	70.2		5540.9	29.8		2700	0		0
% Basin Area 100												
WEIGHTED CN 82.409												

BASIN E8	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	33.9	75	2542.5	0	83	0	0	87	0
<=1/8	0	77	0	25.2	85	2142	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	40.9	92	3762.8	0	94	0	0	95	0
SUM	0		0	100		8447.3	0		0	0		0
% Basin Area 100												
WEIGHTED CN 84.473												

BASIN E9	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	79.7	75	5977.5	0	83	0	0	87	0
<=1/8	0	77	0	20.3	85	1725.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7703	0		0	0		0
% Basin Area 100												
WEIGHTED CN 77.03												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN E10	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	72.8	75	5460	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	27.2	79	2148.8	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7608.8	0		0	0		0

% Basin Area 100
WEIGHTED CN **76.088**

BASIN E11	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	96.1	75	7207.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	3.9	92	358.8	0	94	0	0	95	0
SUM	0		0	100		7566.3	0		0	0		0

% Basin Area 100
WEIGHTED CN **75.663**

BASIN F1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	67.5	75	5062.5	0	83	0	0	87	0
<=1/8	0	77	0	11.2	85	952	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	20.9	92	1922.8	0	94	0	0	95	0
SUM	0		0	99.6		7937.3	0		0	0		0

% Basin Area 99.6
WEIGHTED CN **79.692**

BASIN G1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	13	61	793	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	18.8	75	1410	10.2	83	846.6	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	7.3	79	576.7	2.7	86	232.2	0	89	0
IND/GOV	0	81	0	19.5	88	1716	28.5	91	2593.5	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	58.6		4495.7	41.4		3672.3	0		0

% Basin Area 100
WEIGHTED CN **81.68**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN G2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	20.5	61	1250.5	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	79.5	79	6280.5	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7531	0		0	0		0

% Basin Area 100
WEIGHTED CN **75.31**

BASIN G3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	2.6	61	158.6	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	39.9	75	2992.5	53.2	83	4415.6	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	4.3	86	369.8	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	42.5		3151.1	57.5		4785.4	0		0

% Basin Area 100
WEIGHTED CN **79.365**

BASIN G4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	14.5	75	1087.5	14	83	1162	0	87	0
<=1/8	0	77	0	22.5	85	1912.5	4	90	360	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	24.5	92	2254	20.5	94	1927	0	95	0
SUM	0		0	61.5		5254	38.5		3449	0		0

% Basin Area 100
WEIGHTED CN **87.03**

BASIN G5	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	86.6	75	6495	0	83	0	0	87	0
<=1/8	0	77	0	13.4	85	1139	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7634	0		0	0		0

% Basin Area 100
WEIGHTED CN **76.34**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN G6	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	91.3	75	6847.5	0	83	0	0	87	0
<=1/8	0	77	0	8.7	85	739.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7587	0		0	0		0
% Basin Area 100												
WEIGHTED CN 75.87												
Avg. with URS Value (80.4): 78.14												

BASIN G7	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	85	75	6375	0	83	0	0	87	0
<=1/8	0	77	0	2.4	85	204	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	12.6	92	1159.2	0	94	0	0	95	0
SUM	0		0	100		7738.2	0		0	0		0
% Basin Area 100												
WEIGHTED CN 77.382												

BASIN G8	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	58.2	75	4365	0	83	0	0	87	0
<=1/8	0	77	0	28.6	85	2431	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	13.2	92	1214.4	0	94	0	0	95	0
SUM	0		0	100		8010.4	0		0	0		0
% Basin Area 100												
WEIGHTED CN 80.104												

BASIN H1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	32.4	85	2754	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	67.6	88	5948.8	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		8702.8	0		0	0		0
% Basin Area 100												
WEIGHTED CN 87.028												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN H2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	100	88	8800	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		8800	0		0	0		0
% Basin Area 100												
WEIGHTED CN 88												

BASIN H3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	96.5	75	7237.5	0	83	0	0	87	0
<=1/8	0	77	0	3.5	85	297.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7535	0		0	0		0
% Basin Area 100												
WEIGHTED CN 75.35 Use URS Value: 80.2												

BASIN H4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	99.5	75	7462.5	0	83	0	0	87	0
<=1/8	0	77	0	0.5	85	42.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7505	0		0	0		0
% Basin Area 100												
WEIGHTED CN 75.05 Avg. with URS Value (80.0): 77.5												

BASIN H5A	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	78.1	61	4764.1	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	21.9	92	2014.8	0	94	0	0	95	0
SUM	0		0	100		6778.9	0		0	0		0
% Basin Area 100												
WEIGHTED CN 67.79 Land Use Changed; Basin Area Changed												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN H6	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	79.9	61	4873.9	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	20.1	92	1849.2	0	94	0	0	95	0
SUM	0		0	100		6723.1	0		0	0		0

% Basin Area 100

WEIGHTED CN **67.23** Land Use Changed

BASIN H7	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	5.3	61	323.3	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	9.8	75	735	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	84.8	92	7801.6	0	94	0	0	95	0
SUM	0		0	99.9		8859.9	0		0	0		0

% Basin Area 99.9

WEIGHTED CN **88.69** Land Use Changed

BASIN H8A	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	6.4	61	390.4	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	61.5	75	4612.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	10.3	79	813.7	0	86	0	0	89	0
IND/GOV	0	81	0	21.8	88	1918.4	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7735	0		0	0		0

% Basin Area 100

WEIGHTED CN **77.35** Land Use Changed; Basin Split

BASIN H8B	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	100	75	7500	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7500	0		0	0		0

% Basin Area 100

WEIGHTED CN **75** Land Use Changed; Basin Split

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN H9	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	94.8	75	7110	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	5.2	79	410.8	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7520.8	0		0	0		0

% Basin Area 100

WEIGHTED CN

75.208

Use URS Value: 80.3

BASIN H10	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	36	75	2700	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	40.9	79	3231.1	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	23.1	92	2125.2	0	94	0	0	95	0
SUM	0		0	100		8056.3	0		0	0		0

% Basin Area 100

WEIGHTED CN

80.563

Use URS Value: 84.8

BASIN H11	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	100	92	9200	0	94	0	0	95	0
SUM	0		0	100		9200	0		0	0		0

% Basin Area 100

WEIGHTED CN

92

BASIN H12	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	54.2	75	4065	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	45.8	92	4213.6	0	94	0	0	95	0
SUM	0		0	100		8278.6	0		0	0		0

% Basin Area 100

WEIGHTED CN

82.786

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN H13	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	43.1	75	3232.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	56.9	92	5234.8	0	94	0	0	95	0
SUM	0		0	100		8467.3	0		0	0		0
% Basin Area 100												
WEIGHTED CN 84.673												

BASIN H14	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	10.5	75	787.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	89.5	92	8234	0	94	0	0	95	0
SUM	0		0	100		9021.5	0		0	0		0
% Basin Area 100												
WEIGHTED CN 90.215												

BASIN H15	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	40.4	88	3555.2	0	91	0	0	93	0
COM/BUS	0	89	0	59.6	92	5483.2	0	94	0	0	95	0
SUM	0		0	100		9038.4	0		0	0		0
% Basin Area 100												
WEIGHTED CN 90.384												

BASIN H16	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	59.1	75	4432.5	0	83	0	0	87	0
<=1/8	0	77	0	15.1	85	1283.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	25.8	92	2373.6	0	94	0	0	95	0
SUM	0		0	100		8089.6	0		0	0		0
% Basin Area 100												
WEIGHTED CN 80.896												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN H17	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	81.4	75	6105	0	83	0	0	87	0
<=1/8	0	77	0	14.3	85	1215.5	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	4.3	92	395.6	0	94	0	0	95	0
SUM	0		0	100		7716.1	0		0	0		0
% Basin Area 100												
WEIGHTED CN 77.161 Use URS Value: 81.2												

BASIN H18	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	89.4	75	6705	0	83	0	0	87	0
<=1/8	0	77	0	3.6	85	306	0	90	0	0	92	0
SC. A.F.	0	68	0	7	79	553	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7564	0		0	0		0
% Basin Area 100												
WEIGHTED CN 75.64 Use URS Value: 80.5												

BASIN H19	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	25.8	61	1573.8	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	13.2	75	990	0	83	0	0	87	0
<=1/8	0	77	0	49.6	85	4216	0	90	0	0	92	0
SC. A.F.	0	68	0	7.7	79	608.3	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	3.7	92	340.4	0	94	0	0	95	0
SUM	0		0	100		7728.5	0		0	0		0
% Basin Area 100												
WEIGHTED CN 77.285												

BASIN H20	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	71.4	61	4355.4	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	28.6	75	2145	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC. A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		6500.4	0		0	0		0
% Basin Area 100												
WEIGHTED CN 65.004												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN H21	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	100	92	9200	0	94	0	0	95	0
SUM	0		0	100		9200	0		0	0		0
% Basin Area												
WEIGHTED CN												
100												
92												

BASIN H22	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	87	88	7656	6.2	91	564.2	0	93	0
COM/BUS	0	89	0	3.3	92	303.6	3.5	94	329	0	95	0
SUM	0		0	90.3		7959.6	9.7		893.2	0		0
% Basin Area												
WEIGHTED CN												
100												
88.528												

BASIN H23	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	31.4	61	1915.4	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	14.9	75	1117.5	0	83	0	0	87	0
<=1/8	0	77	0	53.7	85	4564.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7597.4	0		0	0		0
% Basin Area												
WEIGHTED CN												
100												
75.974												

BASIN J1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	51.9	75	3892.5	0	83	0	0	87	0
<=1/8	0	77	0	44	85	3740	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	4.1	92	377.2	0	94	0	0	95	0
SUM	0		0	100		8009.7	0		0	0		0
% Basin Area												
WEIGHTED CN												
100												
80.097												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN J2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	97.8	88	8606.4	0	91	0	2.2	93	204.6
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	97.8		8606.4	0		0	2.2		204.6

% Basin Area 100
WEIGHTED CN **88.11**

BASIN J3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	84.6	88	7444.8	0	91	0	15.4	93	1432.2
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	84.6		7444.8	0		0	15.4		1432.2

% Basin Area 100
WEIGHTED CN **88.77**

BASIN K1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	84.3	85	7165.5	15.7	90	1413	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	84.3		7165.5	15.7		1413	0		0

% Basin Area 100
WEIGHTED CN **85.79**

BASIN K2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	24.5	75	1837.5	65.1	83	5403.3	0	87	0
<=1/8	0	77	0	7.7	85	654.5	2.7	90	243	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	32.2		2492	67.8		5646.3	0		0

% Basin Area 100
WEIGHTED CN **81.383**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN K3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	37.3	75	2797.5	0	83	0	0	87	0
<=1/8	0	77	0	16.9	85	1436.5	0	90	0	0	92	0
SC, A.F.	0	68	0	22.3	79	1761.7	6.9	86	593.4	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	16.6	92	1527.2	0	94	0	0	95	0
SUM	0		0	93.1		7522.9	6.9		593.4	0		0

% Basin Area 100

WEIGHTED CN **81.163**

Avg. with URS Value (84.6): 82.9

BASIN K4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	7.8	61	475.8	0	74	0	10	80	800
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	24.7	75	1852.5	10.2	83	846.6	17.4	87	1513.8
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	12.7	92	1168.4	0	94	0	17.2	95	1634
SUM	0		0	45.2		3496.7	10.2		846.6	44.6		3947.8

% Basin Area 100

WEIGHTED CN **82.911**

BASIN L1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	66.9	75	5017.5	31.9	83	2647.7	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	1.2	92	110.4	0	94	0	0	95	0
SUM	0		0	68.1		5127.9	31.9		2647.7	0		0

% Basin Area 100

WEIGHTED CN **77.756**

Avg. with URS Value (82.2): 80.0

BASIN L2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	48.6	61	2964.6	0	74	0	29.6	80	2368
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	18.6	75	1395	0	83	0	0	87	0
<=1/8	0	77	0	3.2	85	272	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	70.4		4631.6	0		0	29.6		2368

% Basin Area 100

WEIGHTED CN **69.996**

Avg. with URS Value (73.5): 71.8

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN M1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	21.7	75	1627.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	78.3	92	7203.6	0	94	0	0	95	0
SUM	0		0	100		8831.1	0		0	0		0
% Basin Area 100												
WEIGHTED CN 88.311												

BASIN M2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	60.8	75	4560	0	83	0	0	87	0
<=1/8	0	77	0	6	85	510	0	90	0	7.2	92	662.4
SC, A.F.	0	68	0	12.1	79	955.9	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	13.9	92	1278.8	0	94	0	0	95	0
SUM	0		0	92.8		7304.7	0		0	7.2		662.4
% Basin Area 100												
WEIGHTED CN 79.671												

BASIN M3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	9.7	68	659.6	0	79	0	0	84	0
1/8 - 1/2	0	61	0	43.5	75	3262.5	0	83	0	0	87	0
<=1/8	0	77	0	28.8	85	2448	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	18	92	1656	0	94	0	0	95	0
SUM	0		0	100		8026.1	0		0	0		0
% Basin Area 100												
WEIGHTED CN 80.261												

BASIN M4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	44.6	68	3032.8	0	79	0	0	84	0
1/8 - 1/2	0	61	0	52.7	75	3952.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	2.7	92	248.4	0	94	0	0	95	0
SUM	0		0	100		7233.7	0		0	0		0
% Basin Area 100												
WEIGHTED CN 72.337												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN M5	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	11.7	68	795.6	0	79	0	0	84	0
1/8 - 1/2	0	61	0	71	75	5325	0	83	0	0	87	0
<=1/8	0	77	0	17.3	85	1470.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7591.1	0		0	0		0
% Basin Area 100												
WEIGHTED CN 75.911												

BASIN M6	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	7.8	68	530.4	0	79	0	0	84	0
1/8 - 1/2	0	61	0	36.5	75	2737.5	0	83	0	0	87	0
<=1/8	0	77	0	55.7	85	4734.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		8002.4	0		0	0		0
% Basin Area 100												
WEIGHTED CN 80.024												

BASIN O1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	18.5	75	1387.5	50.3	83	4174.9	0	87	0
<=1/8	0	77	0	11.8	85	1003	12.8	90	1152	0	92	0
SC, A.F.	0	68	0	6.6	79	521.4	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	36.9		2911.9	63.1		5326.9	0		0
% Basin Area 100												
WEIGHTED CN 82.388												

BASIN O2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	23.5	75	1762.5	46.9	83	3892.7	15.7	87	1365.9
<=1/8	0	77	0	0	85	0	0	90	0	13.9	92	1278.8
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	23.5		1762.5	46.9		3892.7	29.6		2644.7
% Basin Area 100												
WEIGHTED CN 82.999												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN P1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	3.6	61	219.6	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	33.5	75	2512.5	19.3	83	1601.9	34.8	87	3027.6
<=1/8	0	77	0	2.6	85	221	4.9	90	441	1.3	92	119.6
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	39.7		2953.1	24.2		2042.9	36.1		3147.2

% Basin Area 100

WEIGHTED CN **81.432**

BASIN P2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	100	75	7500	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7500	0		0	0		0

% Basin Area 100

WEIGHTED CN **75**

BASIN P3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	83	75	6225	6.6	83	547.8	0.8	87	69.6
<=1/8	0	77	0	4.8	85	408	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	4.8	92	441.6	0	94	0	0	95	0
SUM	0		0	92.6		7074.6	6.6		547.8	0.8		69.6

% Basin Area 100

WEIGHTED CN **76.92**

BASIN Q1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	50.1	75	3757.5	0	83	0	0	87	0
<=1/8	0	77	0	38.9	85	3306.5	0	90	0	0	92	0
SC, A.F.	0	68	0	2.9	79	229.1	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	8.1	92	745.2	0	94	0	0	95	0
SUM	0		0	100		8038.3	0		0	0		0

% Basin Area 100

WEIGHTED CN **80.383**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN Q2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	85	75	6375	0	83	0	0	87	0
<=1/8	0	77	0	1.8	85	153	0	90	0	0	92	0
SC, A.F.	0	68	0	4	79	316	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	9.2	92	846.4	0	94	0	0	95	0
SUM	0		0	100		7690.4	0		0	0		0
% Basin Area 100												
WEIGHTED CN 76.904												

BASIN Q3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	63.2	75	4740	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	18.8	79	1485.2	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	18	92	1656	0	94	0	0	95	0
SUM	0		0	100		7881.2	0		0	0		0
% Basin Area 100												
WEIGHTED CN 78.812												

BASIN Q4	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	5.6	75	420	0	83	0	0	87	0
<=1/8	0	77	0	67.6	85	5746	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	26.8	92	2465.6	0	94	0	0	95	0
SUM	0		0	100		8631.6	0		0	0		0
% Basin Area 100												
WEIGHTED CN 86.316												

BASIN Q5	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	100	75	7500	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7500	0		0	0		0
% Basin Area 100												
WEIGHTED CN 75												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN Q6	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	21.8	75	1635	0	83	0	0	87	0
<=1/8	0	77	0	4.9	85	416.5	0	90	0	2.1	92	193.2
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	68.3	92	6283.6	0	94	0	2.9	95	275.5
SUM	0		0	95		8335.1	0		0	5		468.7
% Basin Area 100												
WEIGHTED CN 88.038												

BASIN Q7	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	1.6	61	97.6	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	30.6	75	2295	0	83	0	33.5	87	2914.5
<=1/8	0	77	0	25.9	85	2201.5	0	90	0	6.3	92	579.6
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	2.1	92	193.2	0	94	0	0	95	0
SUM	0		0	60.2		4787.3	0		0	39.8		3494.1
% Basin Area 100												
WEIGHTED CN 82.814												

BASIN Q8	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	55.2	75	4140	0	83	0	0	87	0
<=1/8	0	77	0	19.1	85	1623.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	24.1	92	2217.2	0	94	0	0	95	0
SUM	0		0	98.4		7980.7	0		0	0		0
% Basin Area 98.4												
WEIGHTED CN 81.105												

BASIN S1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	76	75	5700	0	83	0	0	87	0
<=1/8	0	77	0	13.8	85	1173	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	10.2	92	938.4	0	94	0	0	95	0
SUM	0		0	100		7811.4	0		0	0		0
% Basin Area 100												
WEIGHTED CN 78.114												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN S2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	36.4	75	2730	0	83	0	0	87	0
<=1/8	0	77	0	41.7	85	3544.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	21.9	92	2014.8	0	94	0	0	95	0
SUM	0		0	100		8289.3	0		0	0		0
% Basin Area 100												
WEIGHTED CN 82.893												

BASIN S3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	57.8	75	4335	0	83	0	0	87	0
<=1/8	0	77	0	32.2	85	2737	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	10	92	920	0	94	0	0	95	0
SUM	0		0	100		7992	0		0	0		0
% Basin Area 100												
WEIGHTED CN 79.92												

BASIN T1A	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	41.2	75	3090	0	83	0	0	87	0
<=1/8	0	77	0	30.2	85	2567	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	28.6	92	2631.2	0	94	0	0	95	0
SUM	0		0	100		8288.2	0		0	0		0
% Basin Area 100												
WEIGHTED CN 82.882												

BASIN T1B	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	85.9	75	6442.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	14.1	92	1297.2	0	94	0	0	95	0
SUM	0		0	100		7739.7	0		0	0		0
% Basin Area 100												
WEIGHTED CN 77.397												

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN T2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	73.3	68	4984.4	0	79	0	0	84	0
1/8 - 1/2	0	61	0	13.5	75	1012.5	0	83	0	0	87	0
<=1/8	0	77	0	1.4	85	119	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	5.6	92	515.2	0	94	0	0	95	0
SUM	0		0	93.8		6631.1	0		0	0		0

% Basin Area 93.8

WEIGHTED CN 70.694

BASIN T3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	27.5	68	1870	0	79	0	0	84	0
1/8 - 1/2	0	61	0	72.5	75	5437.5	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	100		7307.5	0		0	0		0

% Basin Area 100

WEIGHTED CN 73.075

BASIN T4A	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	17.3	68	1176.4	5.1	79	402.9	0	84	0
1/8 - 1/2	0	61	0	41.2	75	3090	23.1	83	1917.3	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	13.3	92	1223.6	0	94	0	0	95	0
SUM	0		0	71.8		5490	28.2		2320.2	0		0

% Basin Area 100

WEIGHTED CN 78.102

BASIN T4B	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	2.9	68	197.2	31.7	79	2504.3	0	84	0
1/8 - 1/2	0	61	0	10.8	75	810	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	54.6	92	5023.2	0	94	0	0	95	0
SUM	0		0	68.3		6030.4	31.7		2504.3	0		0

% Basin Area 100

WEIGHTED CN 85.347

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

BASIN V1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	35.2	75	2640	0	83	0	39.2	87	3410.4
<=1/8	0	77	0	11.3	85	960.5	0	90	0	1.6	92	147.2
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	1.7	92	156.4	11	94	1034	0	95	0
SUM	0		0	48.2		3756.9	11		1034	40.8		3557.6

% Basin Area 100
WEIGHTED CN **83.485**

BASIN V2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0.7	75	52.5	0	83	0	0	87	0
<=1/8	0	77	0	10.9	85	926.5	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	0	88	0	0	91	0	0	93	0
COM/BUS	0	89	0	4.5	92	414	83.9	94	7886.6	0	95	0
SUM	0		0	16.1		1393	83.9		7886.6	0		0

% Basin Area 100
WEIGHTED CN **92.796**

BASIN W1	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	51.4	75	3855	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	9.5	88	836	0	91	0	6.3	93	585.9
COM/BUS	0	89	0	32.8	92	3017.6	0	94	0	0	95	0
SUM	0		0	93.7		7708.6	0		0	6.3		585.9

% Basin Area 100
WEIGHTED CN **82.945**

BASIN W2	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	93.9	88	8263.2	0	91	0	6.1	93	567.3
COM/BUS	0	89	0	0	92	0	0	94	0	0	95	0
SUM	0		0	93.9		8263.2	0		0	6.1		567.3

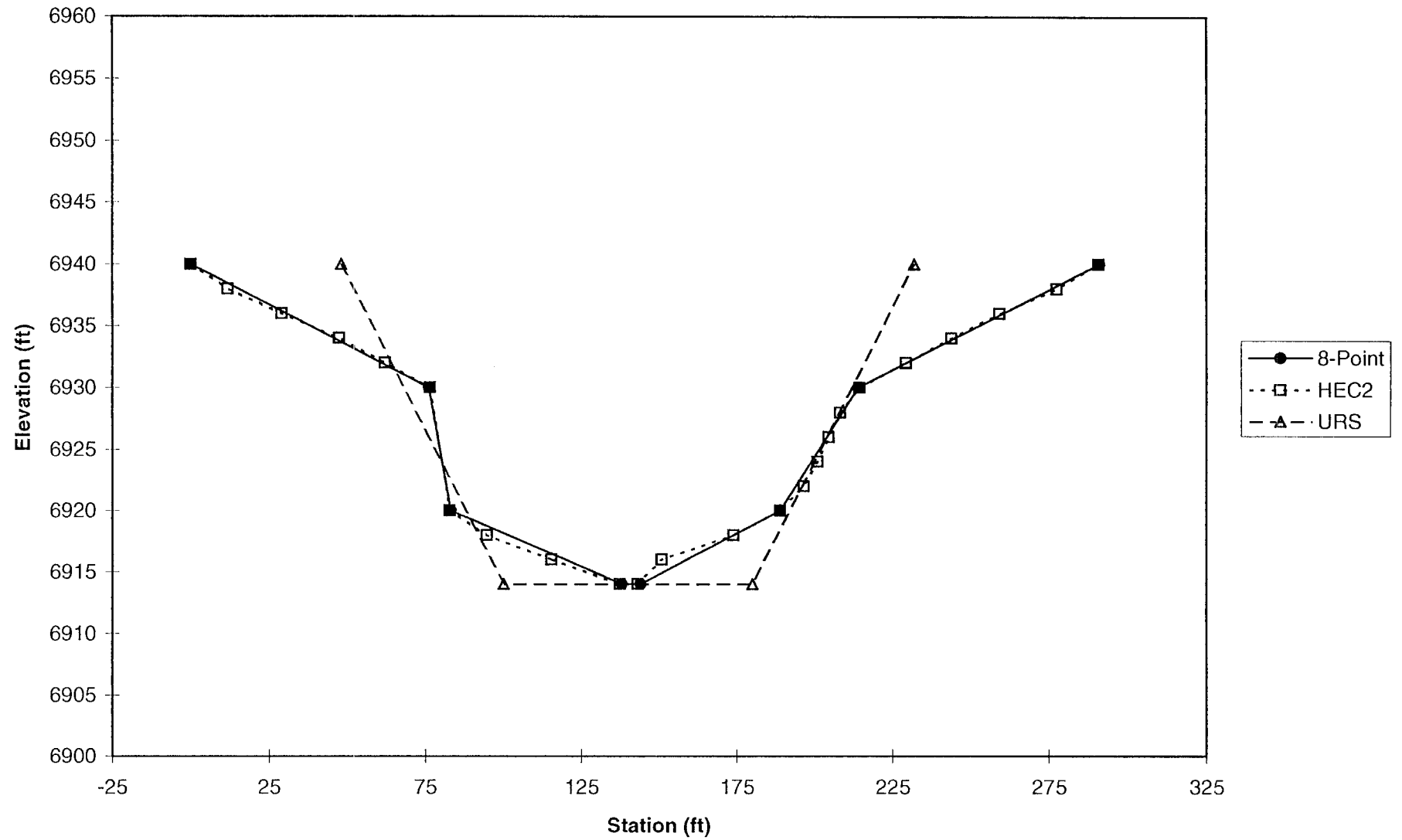
% Basin Area 100
WEIGHTED CN **88.305**

FUTURE LAND USE CONDITIONS SUB-BASIN SCS WEIGHTED CURVE NUMBER CALCULATIONS

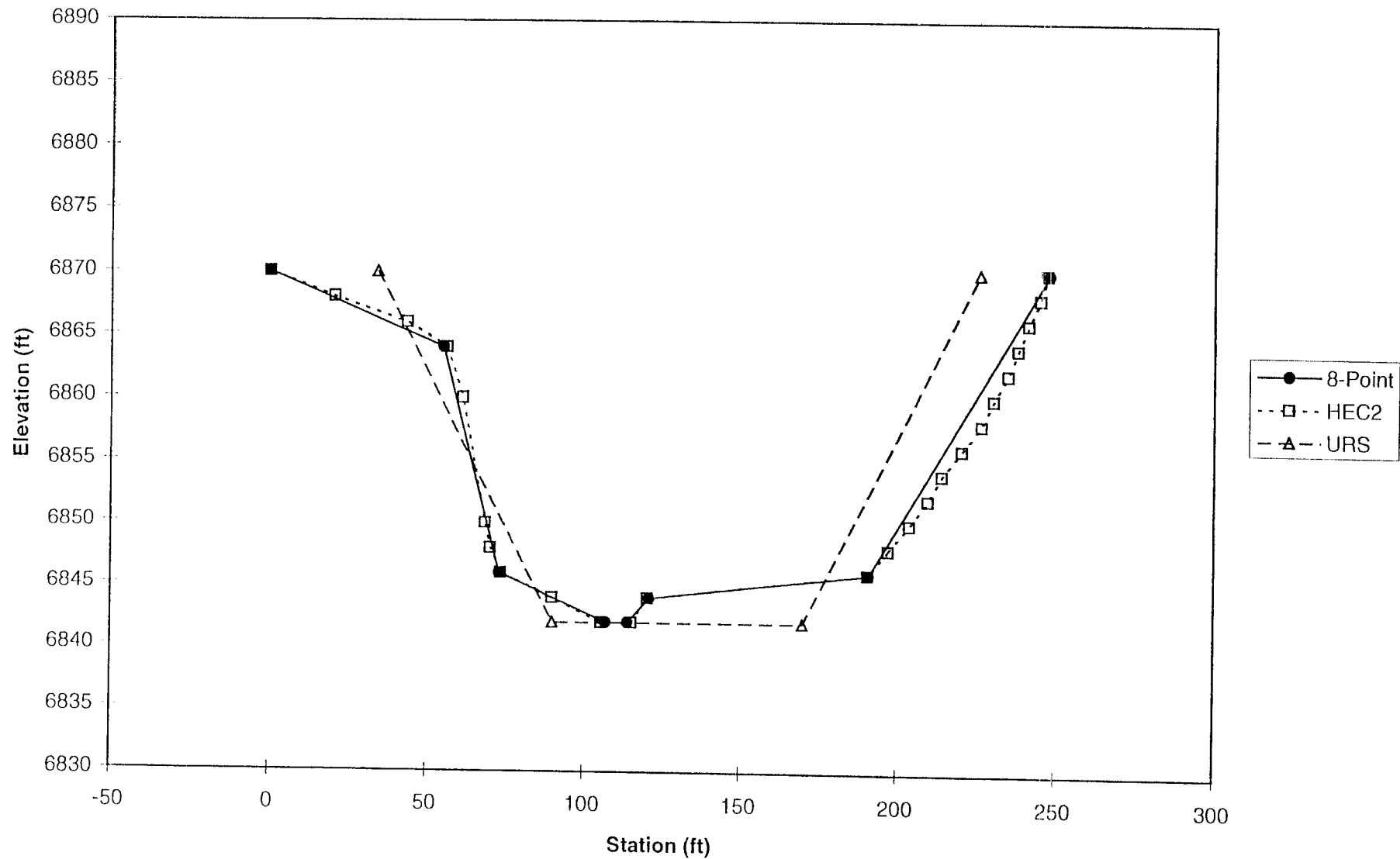
BASIN W3	Hydrologic Soil Group											
	A			B			C			D		
Land Use	%	CN	Product	%	CN	Product	%	CN	Product	%	CN	Product
>= 5	0	39	0	0	61	0	0	74	0	0	80	0
2 1/2 - 5	0	44	0	0	65	0	0	77	0	0	82	0
1/2 - 2 1/2	0	51	0	0	68	0	0	79	0	0	84	0
1/8 - 1/2	0	61	0	0	75	0	0	83	0	0	87	0
<=1/8	0	77	0	0	85	0	0	90	0	0	92	0
SC, A.F.	0	68	0	0	79	0	0	86	0	0	89	0
IND/GOV	0	81	0	9.2	88	809.6	0.7	91	63.7	0.6	93	55.8
COM/BUS	0	89	0	37.9	92	3486.8	51.6	94	4850.4	0	95	0
SUM	0		0	47.1		4296.4	52.3		4914.1	0.6		55.8
% Basin Area			100									
WEIGHTED CN			92.663									

SCS Curve Number Calculations Future Land Use Conditions

Cottonwood Creek Drainage Basin Planning Study
Reach 7-8

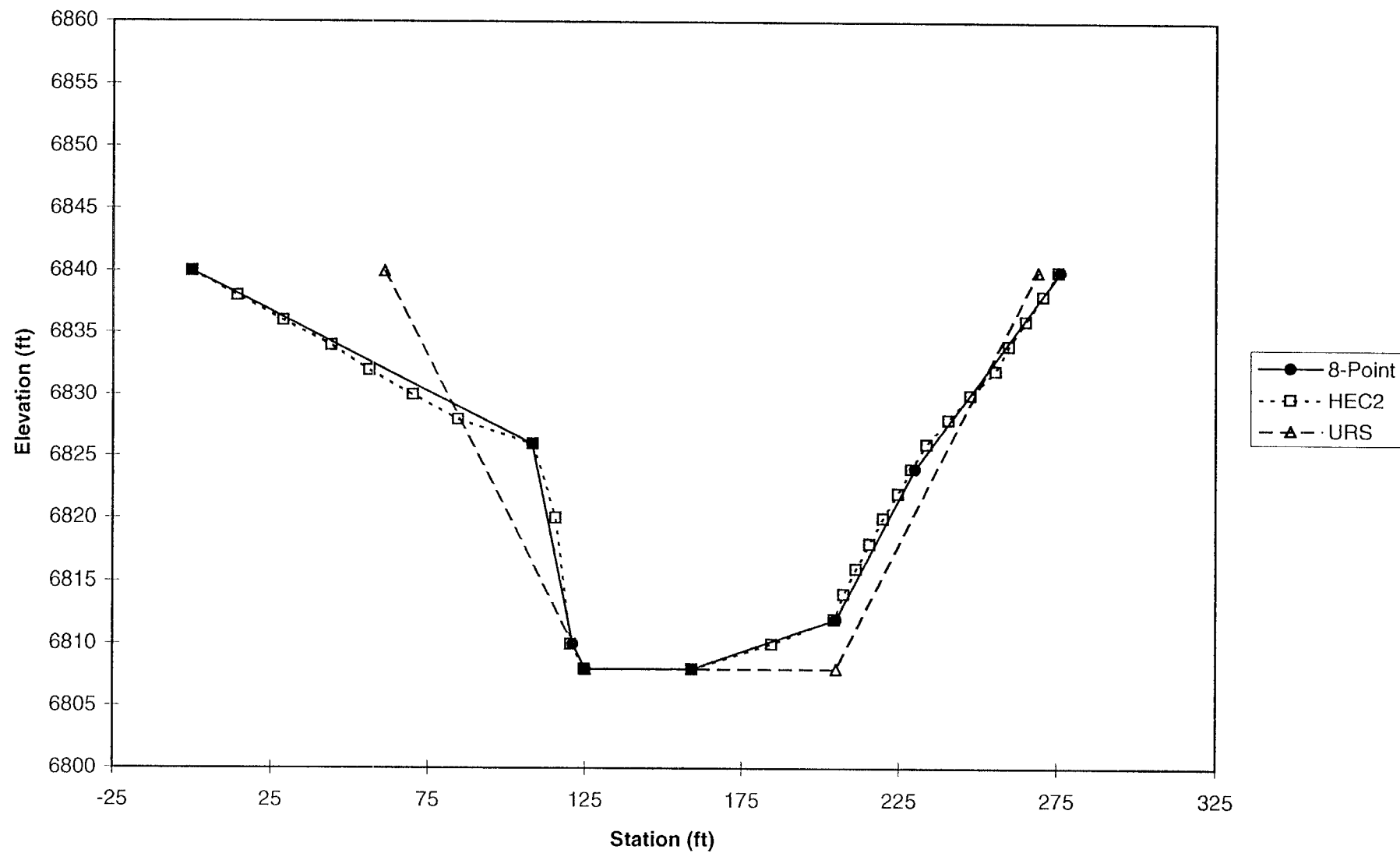


Cottonwood Creek Drainage Basin Planning Study
Reach 8-9

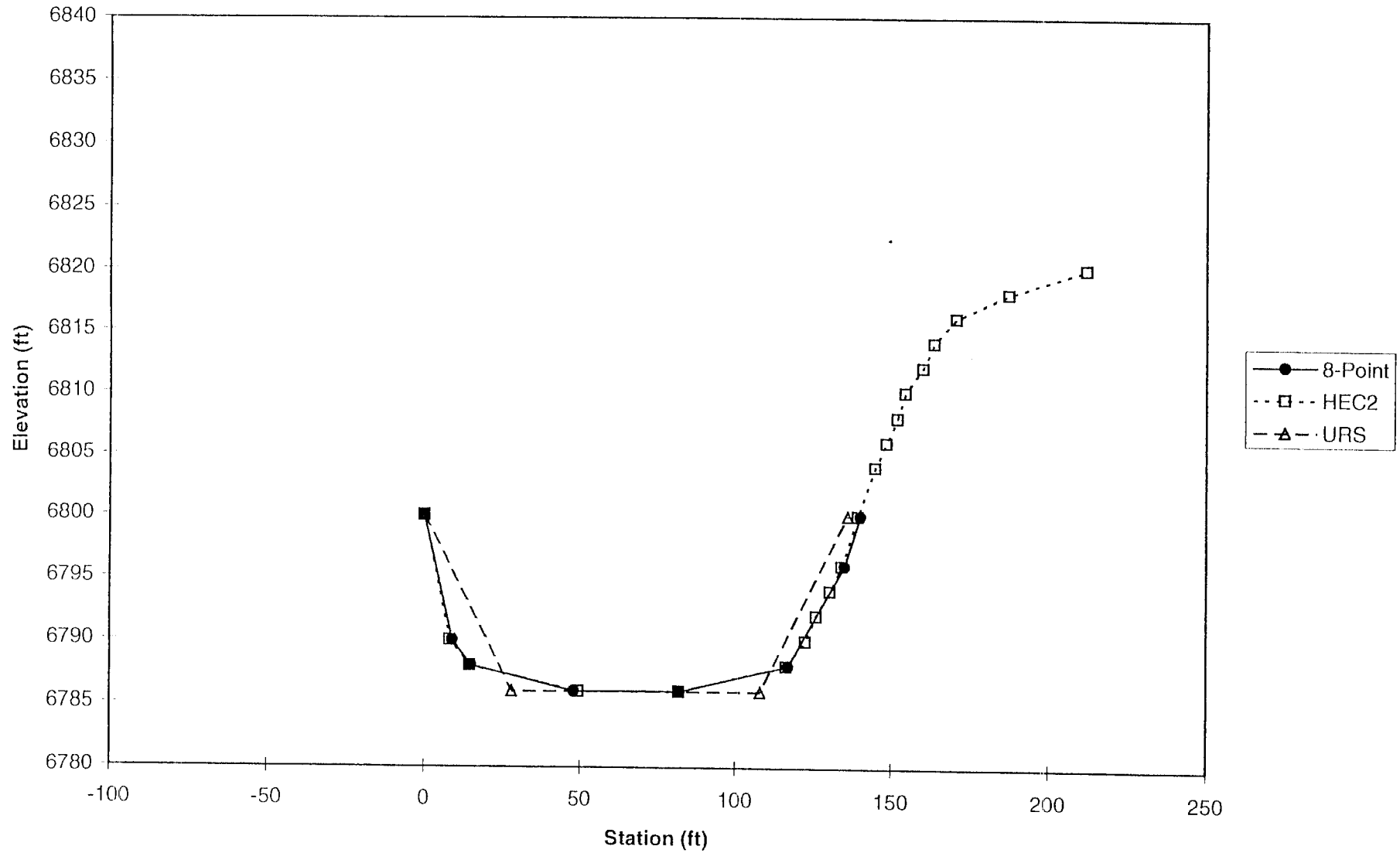


Cottonwood Creek Drainage Basin Planning Study

Reach 9-10

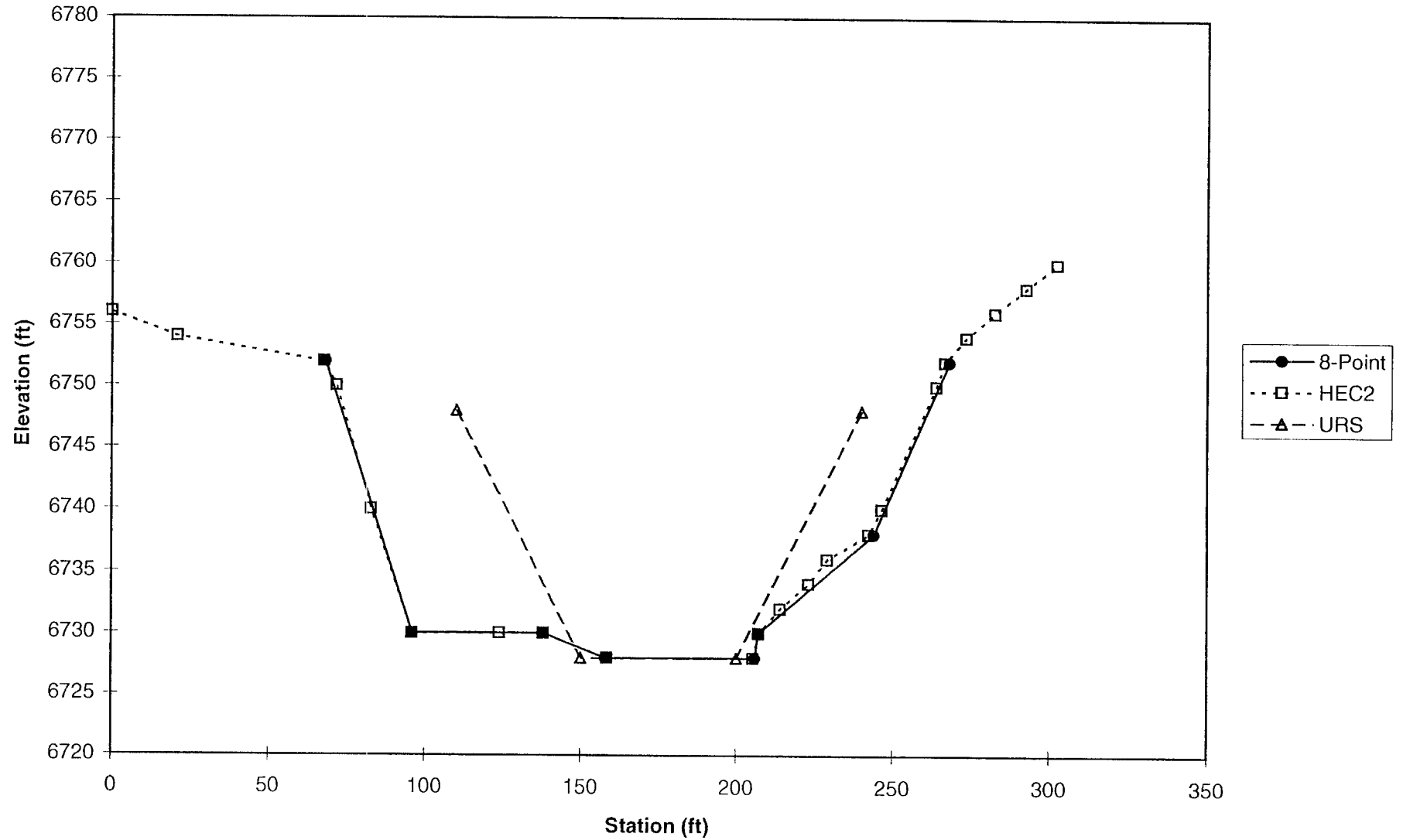


Cottonwood Creek Drainage Basin Planning Study
Reach 10-11

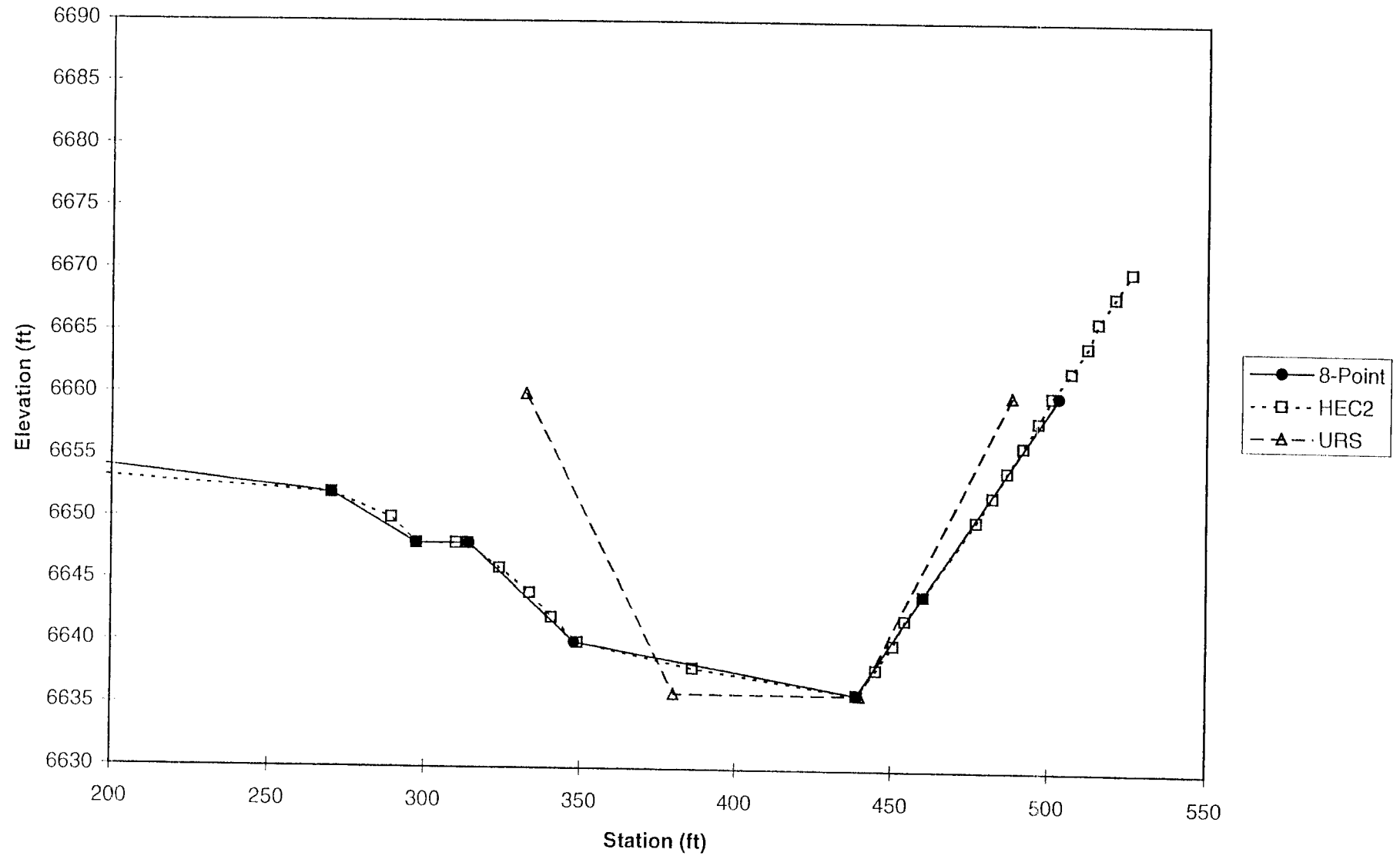


Cottonwood Creek Drainage Basin Planning Study

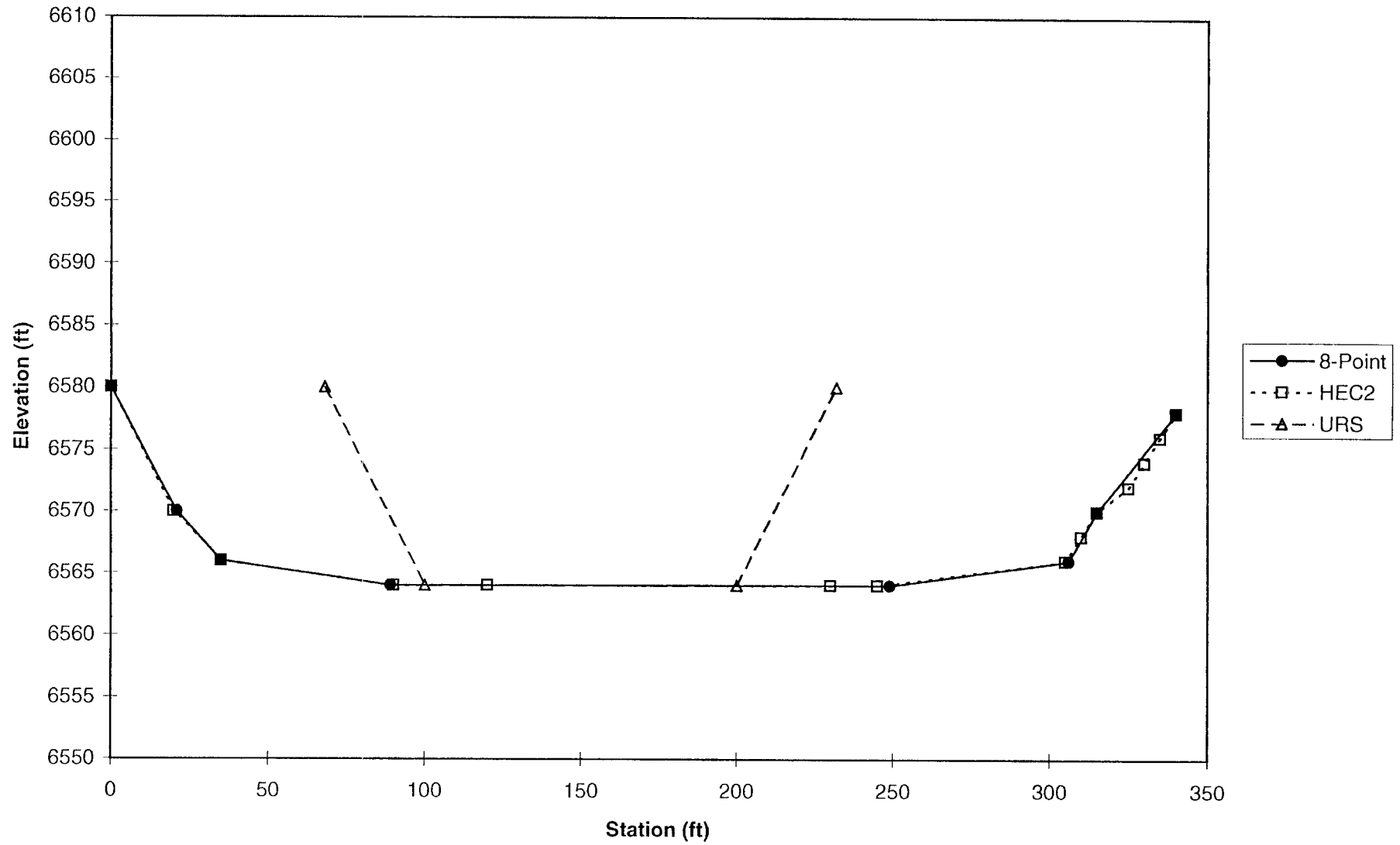
Reach 11-12



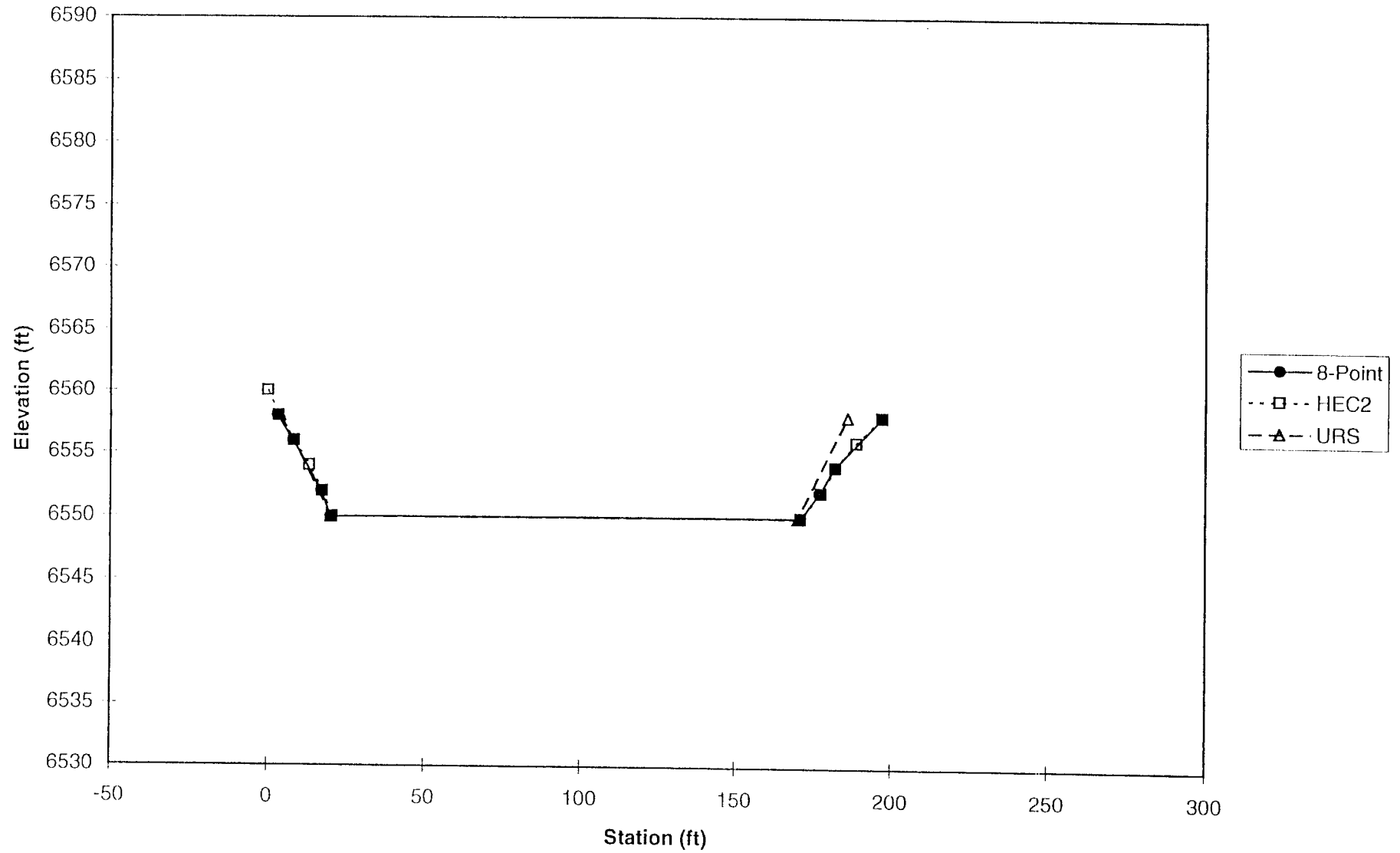
Cottonwood Creek Drainage Basin Planning Study
Reach 12-13



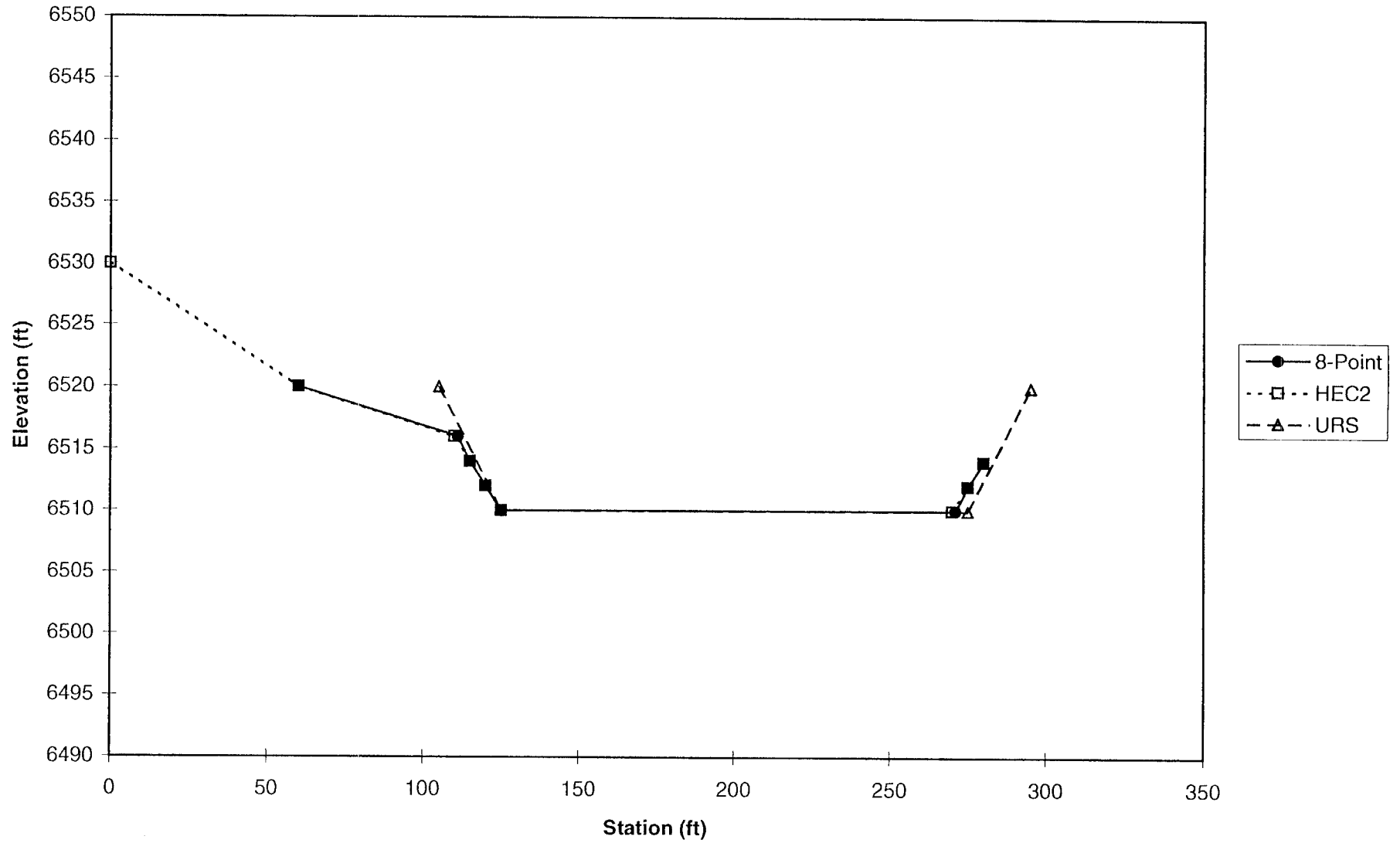
Cottonwood Creek Drainage Basin Planning Study
Reach 13-14



Cottonwood Creek Drainage Basin Planning Study
Reach 14-15

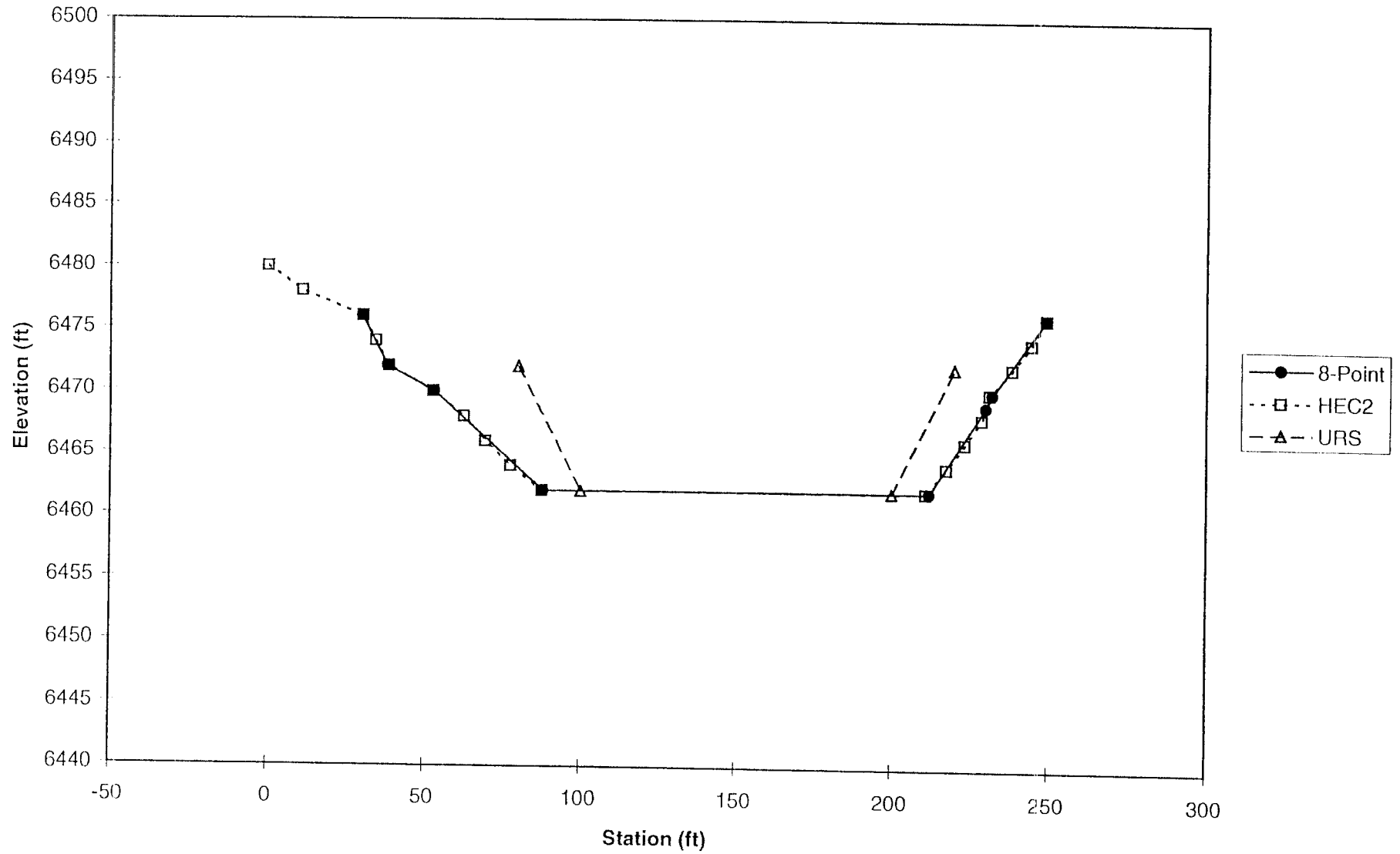


Cottonwood Creek Drainage Basin Planning Study
Reach 15-16



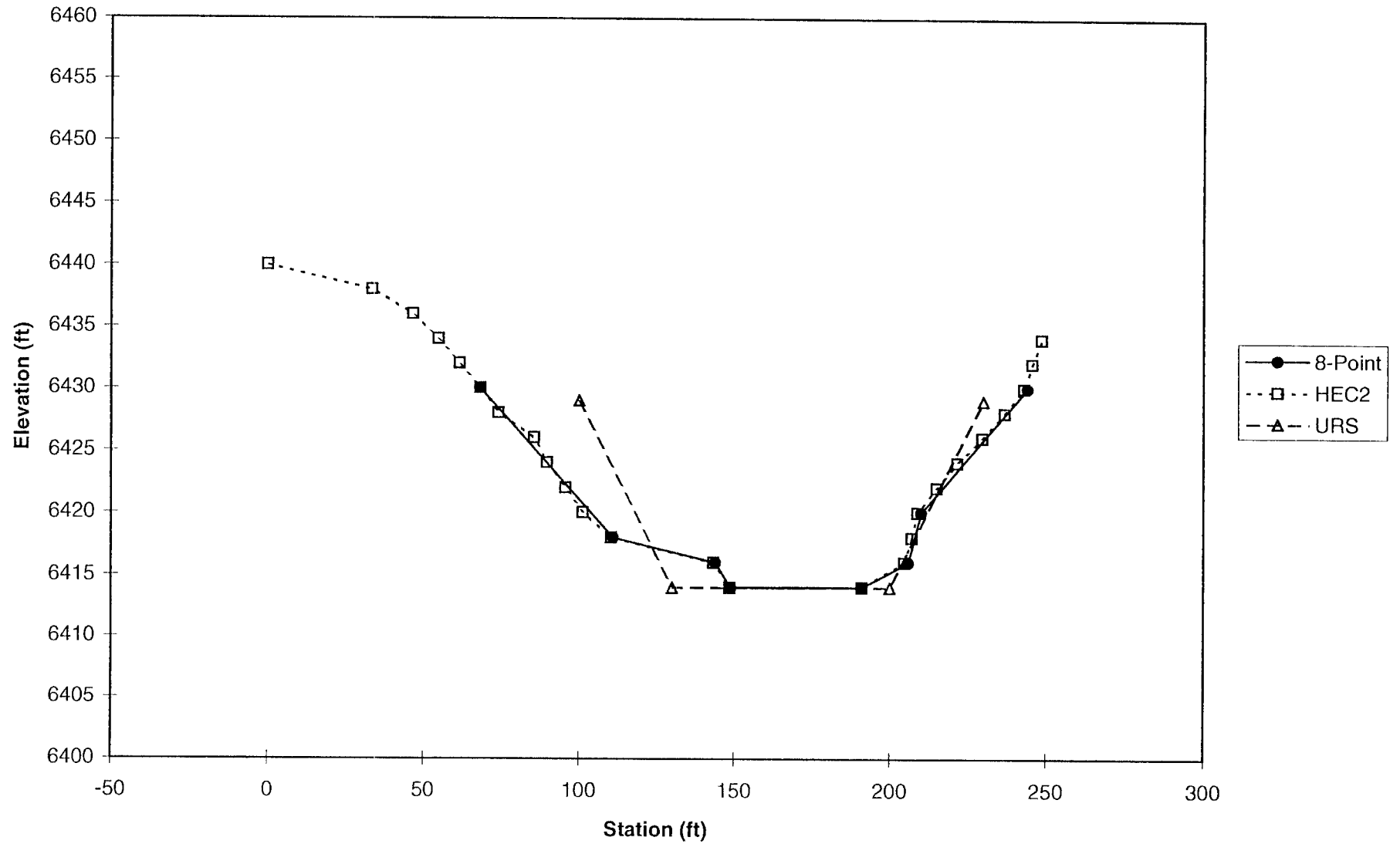
Cottonwood Creek Drainage Basin Planning Study

Reach 16-17

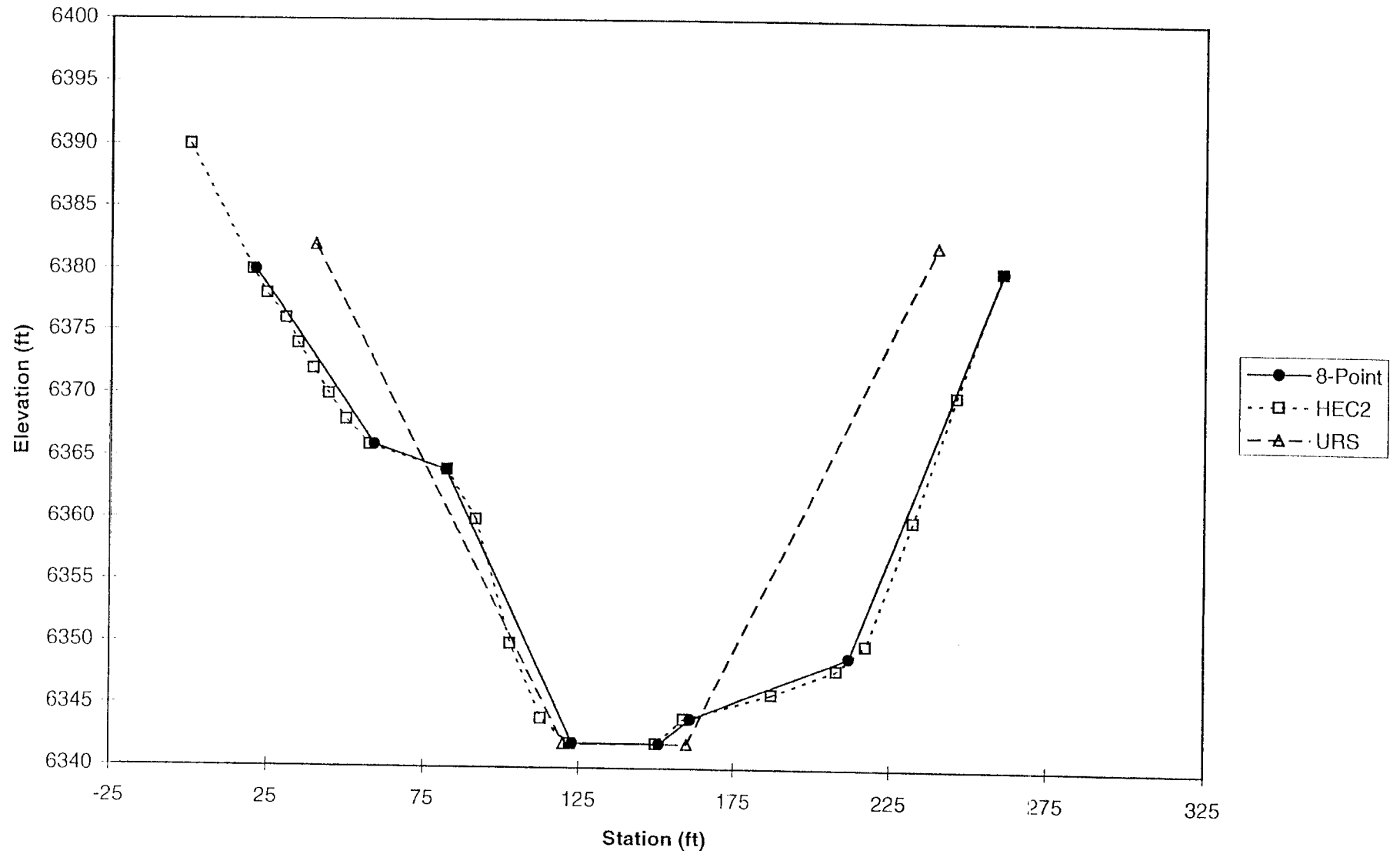


Cottonwood Creek Drainage Basin Planning Study

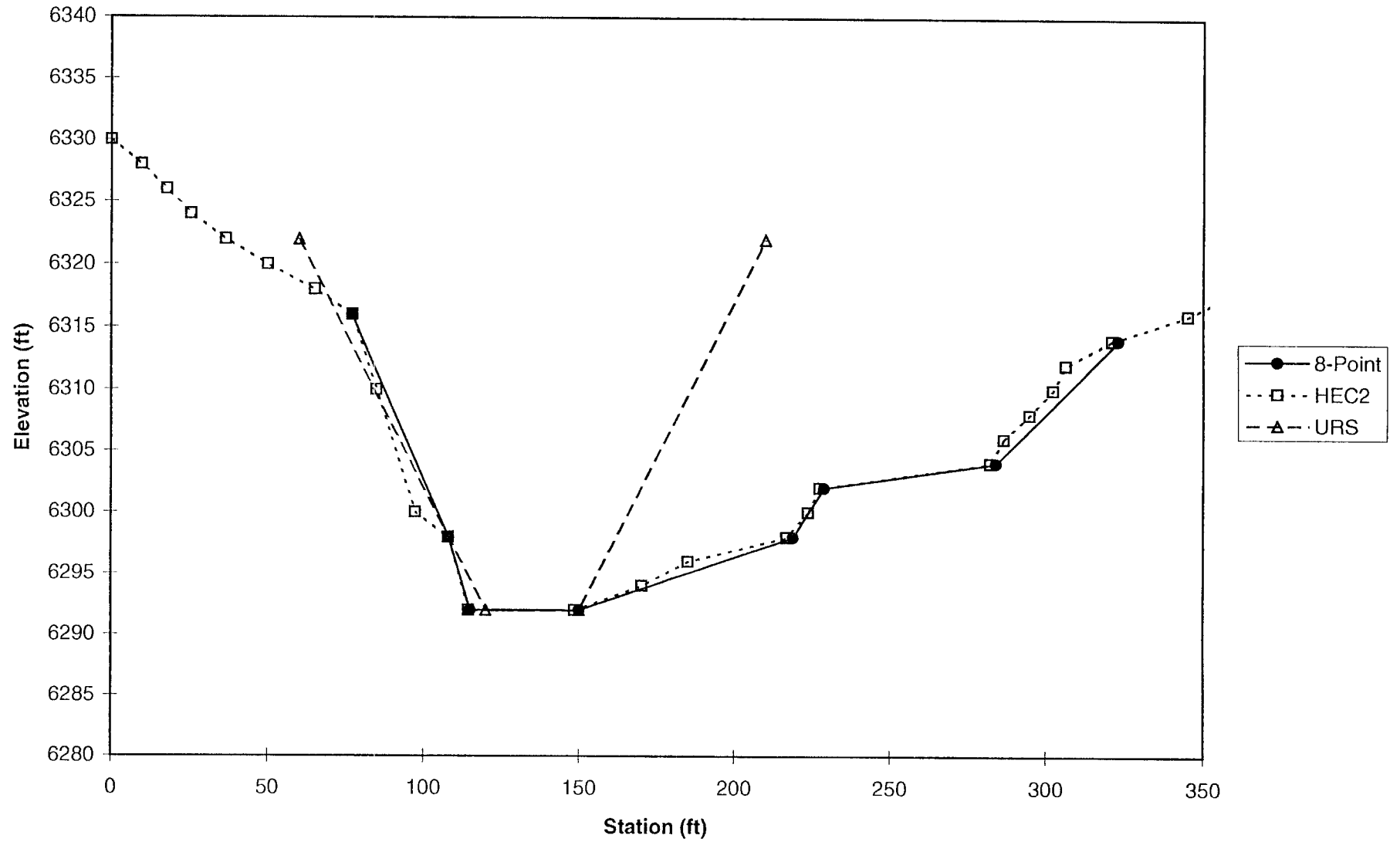
Reach 17-18



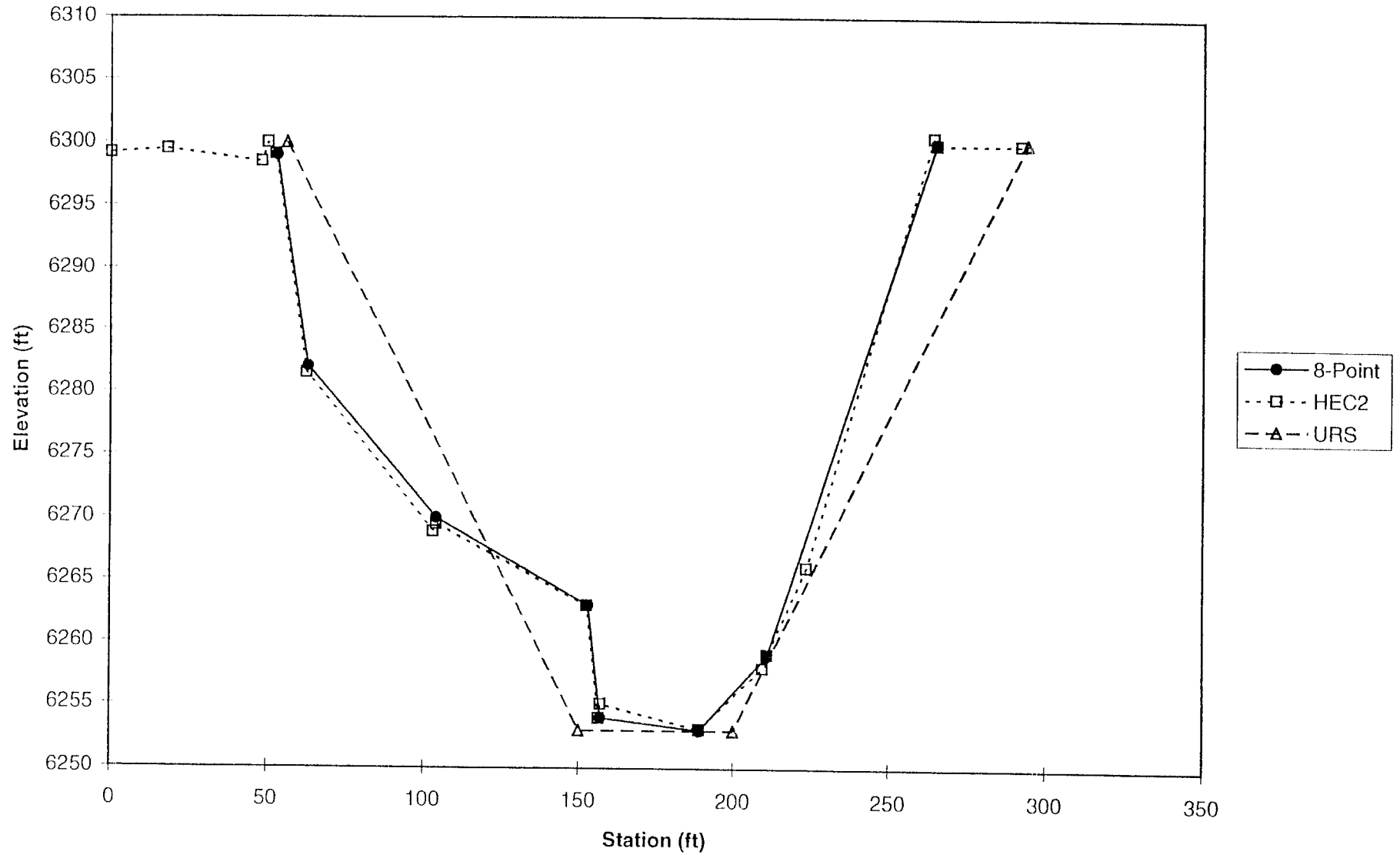
Cottonwood Creek Drainage Basin Planning Study
Reach 18-19



Cottonwood Creek Drainage Basin Planning Study
Reach 19-20



Cottonwood Creek Drainage Basin Planning Study
Reach 20-21



Subbasin Lag Calculations

HEC-1 Output
Future Land Use Condition
100-Year 24-Hour Storm

EXISTING LAND USE CONDITIONS SUB-BASIN LAG CALCULATIONS

[illegible]

Routing Section Geometry Plots

Cottonwood Creek DBPS

January, 1999

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1*****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1)
* SEPTEMBER 1990
* VERSION 4.0
*
* RUN DATE 12/31/1998 TIME 14:31:44
*
*****

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

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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.

THE DEFINITION OF -AMSK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION

NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE, SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY, DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION

KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

```

1
HEC-1 INPUT
PAGE 1

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
1 ID COTTONWOOD CREEK DBPS AYRES PROJECT NO. 34-0330.00
2 ID FUTURE CONDITIONS - INPUT FILE 100FREV1.INP
3 ID CN AND LAGS REVISED BASED UPON SEPTEMBER 4TH, 1996 MEETING WITH
4 ID CITY OF COLORADO SPRINGS ENGINEERING STAFF
5 ID FURTHER REVISED BASED ON LAND USE REVISIONS:
6 ID A PORTION OF BASIN H5 WAS ADDED TO D3 (RENAMED H5A AND D3A)
7 ID H8 DIVIDED INTO H8A AND H8B AT OAKWOOD
8 ID CURVE NUMBERS FOR H5A, H6, H7, H8A, AND H8B CHANGED
9 ID 100 YEAR 24 HOUR STORM - RUN DATE 12-31-98
10 *DIAGRAM
11 IT 5 01SEP89 800 300
12 IO 5
13 KK A1
14 KM RUNOFF FROM A1
15 BA 0.188
16 LS 0 61.0
17 UD 0.450
18 KM DESIGN POINT 1
19 IN 15
20 PB 4.136
21 PC .0000 .0005 .0015 .0030 .0045 .0060 .0080 .0100 .0120 .0143
22 PC .0165 .0188 .0210 .0233 .0255 .0278 .0320 .0390 .0460 .0530
23 PC .0600 .0750 .1000 .4000 .7000 .7250 .7500 .7650 .7800 .7900
24 PC .8000 .8100 .8200 .8250 .8300 .8350 .8400 .8450 .8500 .8550
25 PC .8600 .8638 .8675 .8713 .8750 .8788 .8825 .8863 .8900 .8938
26 PC .8975 .9013 .9050 .9083 .9115 .9148 .9180 .9210 .9240 .9270
27 PC .9300 .9325 .9350 .9375 .9400 .9425 .9450 .9475 .9500 .9525
28 PC .9550 .9575 .9600 .9625 .9650 .9675 .9700 .9725 .9750 .9775
29 PC .9800 .9813 .9825 .9838 .9850 .9863 .9875 .9888 .9900 .9913
30 PC .9925 .9938 .9950 .9963 .9975 .9988 1.000
31 KK 1-2
32 KM ROUTE TO DESIGN POINT 2
RD 2300 .033 .060 0 TRAP 5 15
33 KK A3
34 KM RUNOFF FROM A3
35 BA 0.162
36 LS 0 61.0
37 UD 0.380
38 KK 2
39 KM COMBINE 1-2 AND A3
40 HC 2
41 KK 2-3
42 KM ROUTE TO DESIGN POINT 3
43 RD 3500 .020 .060 0 TRAP 8 15

```

100FREV1.OUT: Future Land Use Conditions; 100-year, 24-hour Storm; No Proposed Detention (Including Existing Fairfax Pond); Revised According to September 4, 1996 Meeting With City of Colorado Springs Engineering Staff; Further Revised Based on Updated Land Use Near Tributary 1

1/6/99 8:51 AM

LINE	ID	1	2	3	4	5	6	7	8	9	10
44	KK	A2									
45	KM	RUNOFF FROM	A2								
46	BA	0.210									
47	LS	0	61.0								
48	UD	0.530									
49	KK	A4									
50	KM	RUNOFF FROM	A4								
51	BA	0.254									
52	LS	0	61.0								
53	UD	0.460									
54	KK	A5									
55	KM	RUNOFF FROM	A5								
56	BA	0.210									
57	LS	0	61.0								
58	UD	0.410									
59	KK	3									
60	KM	COMBINE 2-3,A2,A4,A5									
61	HC	4									
62	KK	3-4									
63	KM	ROUTE TO DESIGN POINT 4									
64	RD	3500	.030	.060	0	TRAP	10	15			
65	KK	A8									
66	KM	RUNOFF FROM	A8								
67	BA	0.240									
68	LS	0	61.0								
69	UD	0.450									
70	KK	A9									
71	KM	RUNOFF FROM	A9								
72	BA	0.197									
73	LS	0	61.0								
74	UD	0.330									
75	KK	4									
76	KM	COMBINE 3-4,A8,A9									
77	HC	3									
78	KK	4-5									
79	KM	ROUTE TO DESIGN POINT 5									
80	RD	2000	.025	.060	0	TRAP	15	15			
81	KK	A6									
82	KM	RUNOFF FROM	A6								
83	BA	0.141									
84	LS	0	61.0								
85	UD	0.400									

HEC-1 INPUT

PAGE 3

LINE	ID	1	2	3	4	5	6	7	8	9	10
86	KK	A7									
87	KM	RUNOFF FROM	A7								
88	BA	0.137									
89	LS	0	61.0								
90	UD	0.400									
91	KK	5A									
92	KM	COMBINE A6,A7									
93	HC	2									
94	KK	5A-5									
95	KM	ROUTE TO DESIGN POINT 5									
96	RD	3900	.031	.060	0	TRAP	5	15			
97	KK	A10									
98	KM	RUNOFF FROM	A10								
99	BA	0.169									
100	LS	0	61.0								
101	UD	0.340									
102	KK	A11									
103	KM	RUNOFF FROM	A11								
104	BA	0.119									
105	LS	0	61.0								
106	UD	0.420									
107	KK	A12									
108	KM	RUNOFF FROM	A12								
109	BA	0.119									
110	LS	0	61.0								
111	UD	0.290									
112	KK	A13									
113	KM	RUNOFF FROM	A13								
114	BA	0.161									
115	LS	0	61.0								
116	UD	0.460									

117	KK	B1								
118	KM	RUNOFF FROM B1								
119	BA	0.192								
120	LS	0	62.7							
121	UD	0.190								
122	KK	5								
123	KM	COMBINE 4-5,5A-5,A10,A11,A12,A13,B1								
124	HC	7								
125	KK	5-6								
126	KM	ROUTE TO DESIGN POINT 6								
127	RD	6000	.015	.035	0	TRAP	20	15		

HEC-1 INPUT

PAGE 4

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

128	KK	B2								
129	KM	RUNOFF FROM B2								
130	BA	0.107								
131	LS	0	78.0							
132	UD	0.160								
133	KK	B2-6A								
134	KM	ROUTE TO DESIGN POINT 6A								
135	RD	3000	.035	.060	0	TRAP	5	15		
136	KK	B6								
137	KM	RUNOFF FROM B6								
138	BA	0.183								
139	LS	0	78.8							
140	UD	0.410								
141	KK	6A								
142	KM	COMBINE B2-6A,B6								
143	HC	2								
144	KK	B3								
145	KM	RUNOFF FROM B3								
146	BA	0.146								
147	LS	0	74.9							
148	UD	0.220								
149	KK	B4								
150	KM	RUNOFF FROM B4								
151	BA	0.104								
152	LS	0	74.3							
153	UD	0.220								
154	KK	6								
155	KM	COMBINE 5-6,6A,B3,B4								
156	HC	4								
157	KK	6-7								
158	KM	ROUTE TO DESIGN POINT 7								
159	RD	5500	.018	.035	0	TRAP	20	15		
160	KK	B8								
161	KM	RUNOFF FROM B8								
162	BA	0.159								
163	LS	0	81.6							
164	UD	0.410								
165	KK	7								
166	KM	COMBINE 6-7,B8								
167	HC	2								

HEC-1 INPUT

PAGE 5

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

168	KK	7-8								
169	KM	ROUTE TO DESIGN POINT 8								
170	RD									
171	RC	.040	.035	.040	3500	.018				
172	RX	0	76	83	138	144	189	214	291	
173	RY	6940	6930	6920	6914	6914	6920	6930	6940	
174	KK	C2								
175	KM	RUNOFF FROM C2								
176	BA	0.154								
177	LS	0	61.0							
178	UD	0.130								
179	KK	C2-8A								
180	KM	ROUTE TO DESIGN POINT 8A								
181	RD	3000	.035	.060	0	TRAP	5	15		
182	KK	C3								
183	KM	RUNOFF FROM C3								
184	BA	0.162								
185	LS	0	63.7							
186	UD	0.230								
187	KK	8A								
188	KM	COMBINE C2-8A,C3								
189	HC	2								

190 KK 8A-8B
 191 KM ROUTE 8A TO DESIGN POINT 8B
 192 RD 4000 .030 .060 0 TRAP 8 15

193 KK C4
 194 KM RUNOFF FROM C4
 195 BA 0.224
 196 LS 0 65.9
 197 UD 0.220

198 KK C4-8B
 199 KM ROUTE C4 TO DESIGN POINT 8B
 200 RD 3000 .030 .060 0 TRAP 5 15

201 KK C7
 202 KM RUNOFF FROM C7
 203 BA 0.156
 204 LS 0 78.3
 205 UD 0.280

206 KK 8B
 207 KM COMBINE 8A-8B,C4-8B,C7
 208 HC 3

HEC-1 INPUT

PAGE 6

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

209 KK C1
 210 KM RUNOFF FROM C1
 211 BA 0.165
 212 LS 0 67.5
 213 UD 0.180

214 KK C13
 215 KM RUNOFF FROM C13
 216 BA 0.125
 217 LS 0 69.8
 218 UD 0.130

219 KK 8C
 220 KM COMBINE C1,C13
 221 HC 2

222 KK 8C-8D
 223 KM ROUTE 8C TO DESIGN POINT 8D
 224 RD 4500 .027 .060 0 TRAP 5 15

225 KK C6
 226 KM RUNOFF FROM C6
 227 BA 0.107
 228 LS 0 79.6
 229 UD 0.230

230 KK 8D
 231 KM COMBINE 8C-8D,C6
 232 HC 2

233 KK 8E
 234 KM COMBINE 8B,8D
 235 HC 2

236 KK 8E-8G
 237 KM ROUTE 8E TO DESIGN POINT 8G
 238 RD 3000 .018 .035 0 TRAP 10 15

239 KK C5
 240 KM RUNOFF FROM C5
 241 BA 0.227
 242 LS 0 68.5
 243 UD 0.240

244 KK C5-8F
 245 KM ROUTE C5 TO DESIGN POINT 8F
 246 RD 6300 .030 .060 0 TRAP 5 15

247 KK C8
 248 KM RUNOFF FROM C8
 249 BA 0.171
 250 LS 0 79.8
 251 UD 0.370

HEC-1 INPUT

PAGE 7

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

252 KK 8F
 253 KM COMBINE C5-8F,C8
 254 HC 2

255 KK C9
 256 KM RUNOFF FROM C9
 257 BA 0.206
 258 LS 0 78.0
 259 UD 0.360

260 KK C10
 261 KM RUNOFF FROM C10
 262 BA 0.106

263 LS 0 76.1
 264 UD 0.420

 265 KK C11
 266 KM RUNOFF FROM C11
 267 BA 0.125
 268 LS 0 80.5
 269 UD 0.270

 270 KK 8G
 271 KM COMBINE 8E-8G,8F,C9,C10,C11
 272 HC 5

 273 KK 8G-8
 274 KM ROUTE 8G TO DESIGN POINT 8
 275 RD 4000 .028 .035 0 TRAP 15 15

 276 KK B5
 277 KM RUNOFF FROM B5
 278 BA 0.107
 279 LS 0 82.3
 280 UD 0.200

 281 KK B5-8H
 282 KM ROUTE B5 TO DESIGN POINT 8H
 283 RD 4800 .035 .060 0 TRAP 5 15

 284 KK B7
 285 KM RUNOFF FROM B7
 286 BA 0.297
 287 LS 0 77.2
 288 UD 0.290

 289 KK 8H
 290 KM COMBINE B5-8H,B7
 291 HC 2

1

HEC-1 INPUT

PAGE 8

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

292 KK B9
 293 KM RUNOFF FROM B9
 294 BA 0.169
 295 LS 0 81.7
 296 UD 0.330

 297 KK 8
 298 KM COMBINE 7-8,8G-8,8H,B9
 299 HC 4

 300 KK 8-9
 301 KM ROUTE 8 TO DESIGN POINT 9
 302 RD
 303 RC .040 .040 .040 3000 .015
 304 RX 23 69 90 115 149 197 209 254
 305 RY 6910 6899 6886 6880 6880 6892 6890 6907

 306 KK C14
 307 KM RUNOFF FROM C14
 308 BA 0.104
 309 LS 0 75.0
 310 UD 0.170

 311 KK C14-9A
 312 KM ROUTE C14 TO DESIGN POINT 9A
 313 RD 2500 .032 .060 0 TRAP 5 15

 314 KK C15
 315 KM RUNOFF FROM C15
 316 BA 0.085
 317 LS 0 76.3
 318 UD 0.170

 319 KK 9A
 320 KM COMBINE C14-9A,C15
 321 HC 2

 322 KK 9A-9B
 323 KM ROUTE 9A TO DESIGN POINT 9B
 324 RD 6800 .030 .060 0 TRAP 8 15

 325 KK C17
 326 KM RUNOFF FROM C17
 327 BA 0.088
 328 LS 0 77.1
 329 UD 0.320

 330 KK C18
 331 KM RUNOFF FROM C18
 332 BA 0.201
 333 LS 0 75.1
 334 UD 0.410

1

HEC-1 INPUT

PAGE 9

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

335 KK 9B

336 KM COMBINE 9A-9B,C17,C18
 337 HC 3

 338 KK C12
 339 KM RUNOFF FROM C12
 340 BA 0.112
 341 LS 0 81.2
 342 UD 0.200

 343 KK D1
 344 KM RUNOFF FROM D1
 345 BA 0.165
 346 LS 0 83.0
 347 UD 0.290

 348 KK D2
 349 KM RUNOFF FROM D2
 350 BA 0.199
 351 LS 0 84.7
 352 UD 0.320

 353 KK 9
 354 KM COMBINE 8-9,9B,C12,D1,D2
 355 HC 5

 356 KK 9-10
 357 KM ROUTE 9 TO DESIGN POINT 10
 358 RD
 359 RC .040 .040 .040 1800 .017
 360 RK 0 108 121 125 159 205 230 276
 361 RY 6840 6826 6810 6808 6808 6812 6824 6840

 362 KK C19
 363 KM RUNOFF FROM C19
 364 BA 0.112
 365 LS 0 75.9
 366 UD 0.320

 367 KK D4
 368 KM RUNOFF FROM D4
 369 BA 0.118
 370 LS 0 86.6
 371 UD 0.330

 372 KK 10
 373 KM COMBINE 9-10,C19,D4
 374 HC 3

1

HEC-1 INPUT

PAGE 10

LINE	ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
375	KK 10-11
376	KM ROUTE 10 TO DESIGN POINT 11
377	RD
378	RC .040 .040 .040 1100 .018
379	RK 0 9 15 48 82 117 135 140
380	RY 6800 6790 6788 6786 6786 6788 6796 6800
381	KK E1
382	KM RUNOFF FROM E1
383	BA 0.093
384	LS 0 73.0
385	UD 0.160
386	KK E1-11A
387	KM ROUTE E1 TO DESIGN POINT 11A
388	RD 3000 .035 .060 0 TRAP 5 15
389	KK E3
390	KM RUNOFF FROM E3
391	BA 0.146
392	LS 0 84.7
393	UD 0.200
394	KK 11A
395	KM COMBINE E1-11A,E3
396	HC 2
397	KK 11A11B
398	KM ROUTE 11A TO DESIGN POINT 11B
399	RD 3300 .030 .060 0 TRAP 8 15
400	KK E5
401	KM RUNOFF FROM E5
402	BA 0.127
403	LS 0 84.9
404	UD 0.320
405	KK 11B
406	KM COMBINE 11A11B,E5
407	HC 2
408	KK E2
409	KM RUNOFF FROM E2
410	BA 0.090
411	LS 0 89.5
412	UD 0.190

413 KK E2-11C
 414 KM ROUTE E2 TO DESIGN POINT 11C
 415 RD 3300 .030 .060 0 TRAP 5 15
 HEC-1 INPUT

PAGE 11

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

416 KK E4
 417 KM RUNOFF FROM E4
 418 BA 0.154
 419 LS 0 78.0
 420 UD 0.400

 421 KK 11C
 422 KM COMBINE E2-11C,E4
 423 HC 2

 424 KK 11D
 425 KM COMBINE 11B,11C
 426 HC 2

 427 KK 11D11F
 428 KM ROUTE 11D TO DESIGN POINT 11F
 429 RD 2000 .036 .035 0 TRAP 8 15

 430 KK E6
 431 KM RUNOFF FROM E6
 432 BA 0.045
 433 LS 0 73.5
 434 UD 0.300

 435 KK E6-11E
 436 KM ROUTE E6 TO DESIGN POINT 11E
 437 RD 4000 .030 .060 0 TRAP 5 15

 438 KK E8
 439 KM RUNOFF FROM E8
 440 BA 0.124
 441 LS 0 84.5
 442 UD 0.240

 443 KK 11E
 444 KM COMBINE E6-11E,E8
 445 HC 2

 446 KK E7
 447 KM RUNOFF FROM E7
 448 BA 0.118
 449 LS 0 82.4
 450 UD 0.320

 451 KK 11F
 452 KM COMBINE 11D11F,11E,E7
 453 HC 3

 454 KK 11F11P
 455 KM ROUTE 11F TO DESIGN POINT 11P
 456 RD 3300 .028 .035 0 TRAP 10 15
 HEC-1 INPUT

PAGE 12

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

457 KK E9
 458 KM RUNOFF FROM E9
 459 BA 0.112
 460 LS 0 77.0
 461 UD 0.120

 462 KK E10
 463 KM RUNOFF FROM E10
 464 BA 0.103
 465 LS 0 76.1
 466 UD 0.120

 467 KK 11CP
 468 KM COMBINE 11F11P,E9,E10
 469 HC 3

 470 KK 11P
 471 KM FAIRFAX POND BY JR ENGINEERING - AS BUILT
 472 SV 0 9.0 21.1 38.0 60.0 88.2 96.0 104.8 108.0 115.2
 473 SE 6788 6800 6804 6808 6812 6816 6817 6818 6819 6820
 474 SQ 0 190 225 260 290 320 805 1666 2771 4076
 475 RS 1 ELEV 6788

 476 KK 11P-11
 477 KM ROUTE 11P TO DESIGN POINT 11
 478 RD 800 .026 .035 0 TRAP 10 15

 479 KK E11
 480 KM RUNOFF FROM E11
 481 BA 0.100
 482 LS 0 75.7
 483 UD 0.300

 484 KK 11P11
 485 KM COMBINE 11P-11,E11

486 HC 2

487 KK C16

488 KM RUNOFF FROM C16

489 BA 0.141

490 LS 0 76.2

491 UD 0.250

492 KK C1611G

493 KM ROUTE C16 TO DESIGN POINT 11G

494 RD 4800 .030 .060 0 TRAP 5 15

495 KK C20

496 KM RUNOFF FROM C20

497 BA 0.113

498 LS 0 79.6

499 UD 0.360

1

HEC-1 INPUT

PAGE 13

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

500 KK 11G

501 KM COMBINE C16-11G,C20

502 HC 2

503 KK 11

504 KM COMBINE 10-11,11F11P,11G

505 HC 3

506 KK 11-12

507 KM ROUTE 11 TO DESIGN POINT 12

508 RD

509 RC .040 .040 .040 5500 .018

510 RX 68 96 138 158 206 207 244 268

511 RY 6752 6730 6730 6728 6728 6730 6738 6752

512 KK G1

513 KM RUNOFF FROM G1

514 BA 0.180

515 LS 0 81.7

516 UD 0.180

517 KK G1-12A

518 KM ROUTE G1 TO DESIGN POINT 12A

519 RD 2400 .023 .060 0 TRAP 5 15

520 KK G3

521 KM RUNOFF FROM G3

522 BA 0.183

523 LS 0 79.4

524 UD 0.270

525 KK 12A

526 KM COMBINE G1-12A,G3

527 HC 2

528 KK G2

529 KM RUNOFF FROM G2

530 BA 0.107

531 LS 0 75.3

532 UD 0.150

533 KK G2-12B

534 KM ROUTE G2 TO DESIGN POINT 12B

535 RD 2900 .042 .035 0 TRAP 5 8

536 KK G4

537 KM RUNOFF FROM G4

538 BA 0.132

539 LS 0 87.0

540 UD 0.230

1

HEC-1 INPUT

PAGE 14

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

541 KK 12B

542 KM COMBINE 12A,G2-12B,G4

543 HC 3

544 KK 12B12C

545 KM ROUTE 12B TO DESIGN POINT 12C

546 RD 2500 .025 .015 0 TRAP 10 5

547 KK G5

548 KM RUNOFF FROM G5

549 BA 0.118

550 LS 0 76.3

551 UD 0.190

552 KK G6

553 KM RUNOFF FROM G6

554 BA 0.139

555 LS 0 78.1

556 UD 0.200

557 KK 12C

558 KM COMBINE 12B-12C,G5,G6

559 HC 3

560 KK 12CPI2

561 KM ROUTE 12CP TO DESIGN POINT 12

562 RD 2300 .038 .035 0 TRAP 15 8

563 KK D3A

564 KM RUNOFF FROM D3A

565 BA 0.238

566 LS 0 93.0

567 UD 0.320

568 KK D3-12D

569 KM ROUTE D3 TO DESIGN POINT 12D

570 RD 2300 .037 .035 0 TRAP 5 4

571 KK D5

572 KM RUNOFF FROM D5

573 BA 0.128

574 LS 0 91.8

575 UD 0.210

576 KK 12D

577 KM COMBINE D3-12D,D5

578 HC 2

579 KK F1

580 KM RUNOFF FROM F1

581 BA 0.137

582 LS 0 79.7

583 UD 0.480

HEC-1 INPUT

PAGE 15

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

584 KK G7

585 KM RUNOFF FROM G7

586 BA 0.171

587 LS 0 77.4

588 UD 0.290

589 KK G8

590 KM RUNOFF FROM G8

591 BA 0.081

592 LS 0 80.1

593 UD 0.170

594 KK H21

595 KM RUNOFF FROM H21

596 BA 0.081

597 LS 0 92.0

598 UD 0.220

599 KK 12

600 KM COMBINE 11-12,12C-12,12D,F1,G7,G8,H21

601 HC 7

602 KK 12-13

603 KM ROUTE 12 TO DESIGN POINT 13

604 RD

605 RC .040 .040 .040 5400 .015

606 RX 0 270 297 314 348 439 460 503

607 RY 6660 6652 6648 6648 6640 6636 6644 6660

608 KK H5A

609 KM RUNOFF FROM H5A

610 BA 0.251

611 LS 0 67.8

612 UD 0.400

613 KK TRIP60

614 KM Route through triple 60' CMP culvert - no road overtopping

615 RS 1 STOR 0

616 SV 0 0.1 1000

617 SQ 0 595 595

618 KK 60-13B

619 KM ROUTE TRIP60 TO DESIGN POINT 13B

620 RD 2200 .025 .035 0 TRAP 5 15

621 KK H6

622 KM RUNOFF FROM H6

623 BA 0.214

624 LS 0 67.2

625 UD 0.230

HEC-1 INPUT

PAGE 16

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

626 KK TWIN42

627 KM Route through twin 42' CMP culvert - no road overtopping

628 RS 1 STOR 0

629 SV 0 0.1 1000

630 SQ 0 149 149

631 KK 42-13B

632 KM ROUTE TWIN42 TO DESIGN POINT 13B

633	RD	2000	.025	.035	0	TRAP	5	15
634	KK	H7						
635	KM	RUNOFF FROM H7						
636	BA	0.140						
637	LS	0	88.7					
638	UD	0.330						
639	KK	13B						
640	KM	COMBINE TRIP60-13B,TWIN42-13B,H7						
641	HC	3						
642	KK	13BOAK						
643	KM	ROUTE 13B TO DESIGN POINT OAKWOOD						
644	RD	1400	.020	.035	0	TRAP	8	15
645	KK	H8A						
646	KM	RUNOFF FROM H8A						
647	BA	0.078						
648	LS	0	77.4					
649	UD	0.240						
650	KK	OAKWOD						
651	KM	COMBINE 13B-OAK,H8A						
652	HC	2						
653	KK	OAK13C						
654	KM	ROUTE OAKWOOD TO DESIGN POINT 13C						
655	RD	1000	.020	.035	0	TRAP	8	15
656	KK	H8B						
657	KM	RUNOFF FROM H8B						
658	BA	0.047						
659	LS	0	75.0					
660	UD	0.240						
661	KK	13C						
662	KM	COMBINE OAKWOOD-13C, H8B						
663	HC	2						
664	KK	H2						
665	KM	RUNOFF FROM H2						
666	BA	0.106						
667	LS	0	88.0					
668	UD	0.260						

HEC-1 INPUT

PAGE 17

LINE	ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
669	KK H2-13D
670	KM ROUTE H2 TO DESIGN POINT 13D
671	RD 1800 .013 .035 0 TRAP 5 15
672	KK H1
673	KM RUNOFF FROM H1
674	BA 0.169
675	LS 0 87.0
676	UD 0.400
677	KK 13D
678	KM COMBINE H2-13D,H1
679	HC 2
680	KK 13D13E
681	KM ROUTE 13D TO DESIGN POINT 13E
682	RD 2400 .015 .035 0 TRAP 8 15
683	KK H4
684	KM RUNOFF FROM H4
685	BA 0.128
686	LS 0 77.5
687	UD 0.170
688	KK 13E
689	KM COMBINE 13D13E,H4
690	HC 2
691	KK H16
692	KM RUNOFF FROM H16
693	BA 0.106
694	LS 0 80.9
695	UD 0.150
696	KK H17
697	KM RUNOFF FROM H17
698	BA 0.102
699	LS 0 81.2
700	UD 0.120
701	KK 13F
702	KM COMBINE H16,H17
703	HC 2
704	KK 13F13G
705	KM ROUTE 13F TO DESIGN POINT 13G
706	RD 3000 .022 .035 0 TRAP 8 15
707	KK H18

708 KM RUNOFF FROM H18
 709 BA 0.173
 710 LS 0 80.5
 711 UD 0.300

1

HEC-1 INPUT

PAGE 18

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

712 KK 13G
 713 KM COMBINE 13F13G,H18
 714 HC 2

 715 KK H3
 716 KM RUNOFF FROM H3
 717 BA 0.141
 718 LS 0 80.2
 719 UD 0.250

 720 KK 13H
 721 KM COMBINE 13C,13E,13G,H3
 722 HC 4

 723 KK 13H13I
 724 KM ROUTE 13H TO DESIGN POINT 13I
 725 RD 1250 .018 .035 0 TRAP 15 15

 726 KK H9
 727 KM RUNOFF FROM H9
 728 BA 0.173
 729 LS 0 80.3
 730 UD 0.180

 731 KK 13I
 732 KM COMBINE 13H13I,H9
 733 HC 2

 734 KK 13I13J
 735 KM ROUTE 13I TO DESIGN POINT 13J
 736 RD 1800 .015 .035 0 TRAP 15 15

 737 KK H10
 738 KM RUNOFF FROM H10
 739 BA 0.064
 740 LS 0 84.8
 741 UD 0.230

 742 KK H19
 743 KM RUNOFF FROM H19
 744 BA 0.118
 745 LS 0 77.3
 746 UD 0.280

 747 KK 13J
 748 KM COMBINE 13I13J,H10,H19
 749 HC 3

 750 KK H11
 751 KM RUNOFF FROM H11
 752 BA 0.144
 753 LS 0 92.0
 754 UD 0.320

1

HEC-1 INPUT

PAGE 19

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

755 KK H12
 756 KM RUNOFF FROM H12
 757 BA 0.163
 758 LS 0 82.8
 759 UD 0.230

 760 KK 13K
 761 KM COMBINE H11,H12
 762 HC 2

 763 KK 13K13L
 764 KM ROUTE 13K TO DESIGN POINT 13L
 765 RD 1500 .027 .035 0 TRAP 5 15

 766 KK H13
 767 KM RUNOFF FROM H13
 768 BA 0.128
 769 LS 0 84.7
 770 UD 0.210

 771 KK 13L
 772 KM COMBINE 13K13L,H13
 773 HC 2

 774 KK 13L13M
 775 KM ROUTE 13L TO DESIGN POINT 13M
 776 RD 2400 .023 .035 0 TRAP 8 15

 777 KK H14
 778 KM RUNOFF FROM H14
 779 BA 0.115
 780 LS 0 90.2

781 UD 0.350

782 KK 13M

783 KM COMBINE 13L13M,H14

784 HC 2

785 KK H23

786 KM RUNOFF FROM H23

787 BA 0.105

788 LS 0 76.0

789 UD 0.290

790 KK 13N

791 KM COMBINE 13J,13M,H23

792 HC 3

793 KK 13N13O

794 KM ROUTE 13N TO DESIGN POINT 13O

795 RD 2800 .020 .035 0 TRAP 20 15

HEC-1 INPUT

PAGE 20

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

796 KK H15

797 KM RUNOFF FROM H15

798 BA 0.083

799 LS 0 90.4

800 UD 0.450

801 KK H20

802 KM RUNOFF FROM H20

803 BA 0.071

804 LS 0 65.0

805 UD 0.260

806 KK 13O

807 KM COMBINE 13N13O,H15,H20

808 HC 3

809 KK K1

810 KM RUNOFF FROM K1

811 BA 0.169

812 LS 0 85.8

813 UD 0.280

814 KK K2

815 KM RUNOFF FROM K2

816 BA 0.187

817 LS 0 81.4

818 UD 0.360

819 KK 13P

820 KM COMBINE K1,K2

821 HC 2

822 KK 13P13Q

823 KM ROUTE 13P TO DESIGN POINT 13Q

824 RD 2300 .012 .035 0 TRAP 15 15

825 KK K3

826 KM RUNOFF FROM K3

827 BA 0.098

828 LS 0 82.9

829 UD 0.220

830 KK K4

831 KM RUNOFF FROM K4

832 BA 0.147

833 LS 0 82.9

834 UD 0.360

835 KK 13Q

836 KM COMBINE 13P13Q,K3,K4

837 HC 3

HEC-1 INPUT

PAGE 21

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

838 KK 13Q13R

839 KM ROUTE 13Q TO DESIGN POINT 13R

840 RD 2000 .015 .035 0 TRAP 20 15

841 KK J1

842 KM RUNOFF FROM J1

843 BA 0.213

844 LS 0 80.1

845 UD 0.250

846 KK J1-13S

847 KM ROUTE J1 TO DESIGN POINT 13S

848 RD 3100 .030 .035 0 TRAP 5 15

849 KK J2

850 KM RUNOFF FROM J2

851 BA 0.085

852 LS 0 88.1

853 UD 0.240

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854      KK      13S
855      KM      COMBINE J1-13S,J2
856      HC      2

857      KK      H22
858      KM      RUNOFF FROM H22
859      BA      0.178
860      LS      0      88.5
861      UD      0.170

862      KK      J3
863      KM      RUNOFF FROM J3
864      BA      0.132
865      LS      0      88.8
866      UD      0.200

867      KK      13
868      KM      COMBINE 12-13,13O,13Q13R,13S,H22,J3
869      HC      6

870      KK      13-14
871      KM      ROUTE 13 TO DESIGN POINT 14
872      RD
873      RC      .040      .040      .040      2500      .015
874      RX      0      21      35      89      246      309      315      340
875      RY      6580      6570      6566      6564      6564      6566      6570      6578

876      KK      L1
877      KM      RUNOFF FROM L1
878      BA      0.145
879      LS      0      80.0
880      UD      0.180

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HEC-1 INPUT

PAGE 22

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

```

881      KK      L1-14A
882      KM      ROUTE L1 TO DESIGN POINT 14A
883      RD
884      RC      .015      .015      .015      1700      .030
885      RX      100      100      116.00      116.85      119.15      120.00      136      136
886      RY      100      99.50      99.50      95.50      95.50      99.50      99.50      100

887      KK      L2
888      KM      RUNOFF FROM L2
889      BA      0.147
890      LS      0      71.8
891      UD      0.210

892      KK      14A
893      KM      COMBINE L1-14A,L2
894      HC      2

895      KK      O1
896      KM      RUNOFF FROM O1
897      BA      0.113
898      LS      0      82.4
899      UD      0.160

900      KK      O1-14B
901      KM      ROUTE O1 TO DESIGN POINT 14B
902      RD
903      RC      .015      .015      .015      3700      .021
904      RX      100      100      116.00      116.85      119.15      120.00      136      136
905      RY      100      99.50      99.50      95.50      95.50      99.50      99.50      100

906      KK      O2
907      KM      RUNOFF FROM O2
908      BA      0.122
909      LS      0      83.0
910      UD      0.210

911      KK      14B
912      KM      COMBINE O1-14B,O2
913      HC      2

914      KK      14AB
915      KM      COMBINE 14A,14B
916      HC      2

917      KK      M1
918      KM      RUNOFF FROM M1
919      BA      0.090
920      LS      0      88.3
921      UD      0.190

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HEC-1 INPUT

PAGE 23

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

```

922      KK      M1-14C
923      KM      ROUTE M1 TO DESIGN POINT 14C
924      RD
925      RC      .015      .015      .015      3000      .045
926      RX      100      100      116.00      116.85      119.15      120.00      136      136
927      RY      100      99.50      99.50      95.50      95.50      99.50      99.50      100

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928	KK	M2							
929	KM	RUNOFF FROM M2							
930	BA	0.205							
931	LS	0	79.7						
932	UD	0.200							
933	KK	14C							
934	KM	COMBINE M1-14C,M2							
935	HC	2							
936	KK	14							
937	KM	COMBINE 13-14,14AB,14C							
938	HC	3							
939	KK	14-15							
940	KM	ROUTE 14 TO DESIGN POINT 15							
941	RD								
942	RC	.040	.040	.040	1600	.015			
943	RX	3	8	17	20	171	177	182	197
944	RY	6558	6556	6552	6550	6550	6552	6554	6558
945	KK	M5							
946	KM	RUNOFF FROM M5							
947	BA	0.102							
948	LS	0	75.9						
949	UD	0.210							
950	KK	P1							
951	KM	RUNOFF FROM P1							
952	BA	0.122							
953	LS	0	81.4						
954	UD	0.200							
955	KK	15							
956	KM	COMBINE 14-15,M5,P1							
957	HC	3							
958	KK	15-16							
959	KM	ROUTE 15 TO DESIGN POINT 16							
960	RD								
961	RC	.040	.040	.040	2300	.015			
962	RX	60	111	115	120	125	271	275	280
963	RY	6520	6516	6514	6512	6510	6510	6512	6514
HEC-1 INPUT									

1

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LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

964	KK	M3							
965	KM	RUNOFF FROM M3							
966	BA	0.160							
967	LS	0	80.3						
968	UD	0.390							
969	KK	M3-16							
970	KM	ROUTE M3 TO DESIGN POINT 16							
971	RD								
972	RC	.015	.015	.015	1200	.057			
973	RX	100	100	116.00	116.85	119.15	120.00	136	136
974	RY	100	99.50	99.50	95.50	95.50	99.50	99.50	100
975	KK	M4							
976	KM	RUNOFF FROM M4							
977	BA	0.229							
978	LS	0	72.3						
979	UD	0.430							
980	KK	M4-16B							
981	KM	ROUTE M4 TO DESIGN POINT 16B							
982	RD	2400	.020	.035	0	TRAP	5	15	
983	KK	M6							
984	KM	RUNOFF FROM M6							
985	BA	0.101							
986	LS	0	80.0						
987	UD	0.190							
988	KK	16B							
989	KM	COMBINE M4-16B,M6							
990	HC	2							
991	KK	P2							
992	KM	RUNOFF FROM P2							
993	BA	0.084							
994	LS	0	75.0						
995	UD	0.150							
996	KK	P2-16C							
997	KM	ROUTE P2 TO DESIGN POINT 16C							
998	RD								
999	RC	.015	.015	.015	2300	.050			
1000	RX	100	100	116.00	116.85	119.15	120.00	136	136
1001	RY	100	99.50	99.50	95.50	95.50	99.50	99.50	100
1002	KK	P3							
1003	KM	RUNOFF FROM P3							
1004	BA	0.200							
1005	LS	0	76.9						
1006	UD	0.220							

LINE	ID	1	2	3	4	5	6	7	8	9	10
1007	KK	16C									
1008	KM	COMBINE P2-16C,P3									
1009	HC	2									
1010	KK	16									
1011	KM	COMBINE 15-16,16B,16C,M3-16									
1012	HC	4									
1013	KK	16-17									
1014	KM	ROUTE 16 TO DESIGN POINT 17									
1015	RD										
1016	RC	.040	.040	.040	3100	.014					
1017	RX	30	38	53	88	212	230	232	249		
1018	RY	6476	6472	6470	6462	6462	6469	6470	6476		
1019	KK	T2									
1020	KM	RUNOFF FROM T2									
1021	BA	0.159									
1022	LS	0	70.7								
1023	UD	0.390									
1024	KK	T2-17A									
1025	KM	ROUTE T2 TO DESIGN POINT 17A									
1026	RD	1000	.048	.035	0	TRAP	5	15			
1027	KK	T3									
1028	KM	RUNOFF FROM T3									
1029	BA	0.117									
1030	LS	0	73.1								
1031	UD	0.350									
1032	KK	17A									
1033	KM	COMBINE T2-17A,T3									
1034	HC	2									
1035	KK	17A-17									
1036	KM	ROUTE 17A TO DESIGN POINT 17									
1037	RD										
1038	RC	.015	.015	.015	1000	.030					
1039	RX	100	100	116.00	116.85	119.15	120.00	136	136		
1040	RY	100	99.50	99.50	95.50	95.50	99.50	99.50	100		
1041	KK	T1A									
1042	KM	RUNOFF FROM T1A									
1043	BA	0.089									
1044	LS	0	82.9								
1045	UD	0.290									
1046	KK	S1									
1047	KM	RUNOFF FROM S1									
1048	BA	0.131									
1049	LS	0	78.1								
1050	UD	0.180									

LINE	ID	1	2	3	4	5	6	7	8	9	10
1051	KK	S2									
1052	KM	RUNOFF FROM S2									
1053	BA	0.134									
1054	LS	0	82.9								
1055	UD	0.140									
1056	KK	17									
1057	KM	COMBINE 16-17,17A-17,T1A,S1,S2									
1058	HC	5									
1059	KK	17-18									
1060	KM	ROUTE 17 TO DESIGN POINT 18									
1061	RD										
1062	RC	.040	.040	.040	2400	.018					
1063	RX	68	111	144	149	199	214	218	252		
1064	RY	6430	6418	6416	6414	6414	6416	6420	6430		
1065	KK	T4A									
1066	KM	RUNOFF FROM T4A									
1067	BA	0.095									
1068	LS	0	78.1								
1069	UD	0.310									
1070	KK	T4A18A									
1071	KM	ROUTE T4A TO DESIGN POINT 18A									
1072	RD										
1073	RC	.015	.015	.015	1200	.033					
1074	RX	100	100	116.00	116.85	119.15	120.00	136	136		
1075	RY	100	99.50	99.50	95.50	95.50	99.50	99.50	100		
1076	KK	T1B									
1077	KM	RUNOFF FROM T1B									
1078	BA	0.127									
1079	LS	0	77.4								
1080	UD	0.210									

1081 KK 18A
 1082 KM COMBINE T4A18A,T1B
 1083 HC 2

1084 KK S3
 1085 KM RUNOFF FROM S3
 1086 BA 0.183
 1087 LS 0 79.9
 1088 UD 0.240

1089 KK 18
 1090 KM COMBINE 17-18,18A,S3
 1091 HC 3

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LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

1092 KK 18-19
 1093 KM ROUTE 18 TO DESIGN POINT 19
 1094 RD
 1095 RC .040 .040 .040 3700 .020
 1096 RX 21 59 82 123 158 168 219 268
 1097 RY 6380 6366 6364 6342 6342 6344 6349 6380

1098 KK Q1
 1099 KM RUNOFF FROM Q1
 1100 BA 0.102
 1101 LS 0 80.4
 1102 UD 0.120

1103 KK Q1-19A
 1104 KM ROUTE Q1 TO DESIGN POINT 19A
 1105 RD
 1106 RC .015 .015 .015 2200 .048
 1107 RX 100 100 116.00 116.85 119.15 120.00 136 136
 1108 RY 100 99.50 99.50 95.50 95.50 99.50 99.50 100

1109 KK Q2
 1110 KM RUNOFF FROM Q2
 1111 BA 0.201
 1112 LS 0 76.9
 1113 UD 0.200

1114 KK 19A
 1115 KM COMBINE Q1-19A,Q2
 1116 HC 2

1117 KK Q3
 1118 KM RUNOFF FROM Q3
 1119 BA 0.078
 1120 LS 0 78.8
 1121 UD 0.200

1122 KK 19B
 1123 KM COMBINE 19A,Q3
 1124 HC 2

1125 KK 19B19C
 1126 KM ROUTE 19B TO DESIGN POINT 19C
 1127 RD 3000 .027 .035 0 TRAP 8 15

1128 KK Q4
 1129 KM RUNOFF FROM Q4
 1130 BA 0.128
 1131 LS 0 86.3
 1132 UD 0.290

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LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

1133 KK 19C
 1134 KM COMBINE 19B19C,Q4
 1135 HC 2

1136 KK Q5
 1137 KM RUNOFF FROM Q5
 1138 BA 0.153
 1139 LS 0 75.0
 1140 UD 0.180

1141 KK 19D
 1142 KM COMBINE 19C,Q5
 1143 HC 2

1144 KK 19D19E
 1145 KM ROUTE 19D TO DESIGN POINT 19E
 1146 RD 3600 .017 .035 0 TRAP 10 15

1147 KK Q6
 1148 KM RUNOFF FROM Q6
 1149 BA 0.210
 1150 LS 0 88.0
 1151 UD 0.330

1152 KK 19E
 1153 KM COMBINE 19D19E,Q6
 1154 HC 2

1155 KK 19E19F
 1156 KM ROUTE 19E TO DESIGN POINT 19F
 1157 RD 2400 .020 .015 0 TRAP 20 4

 1158 KK Q7
 1159 KM RUNOFF FROM Q7
 1160 BA 0.182
 1161 LS 0 82.8
 1162 UD 0.290

 1163 KK 19F
 1164 KM COMBINE 19E19F,Q7
 1165 HC 2

 1166 KK T4B
 1167 KM RUNOFF FROM T4B
 1168 BA 0.075
 1169 LS 0 85.3
 1170 UD 0.230

 1171 KK T4B19G
 1172 KM ROUTE T4B TO DESIGN POINT 19G
 1173 RD
 1174 RC .015 .015 .015 2400 .015
 1175 RX 100 100 116.00 116.85 119.15 120.00 136 136
 1176 RY 100 99.50 99.50 95.50 95.50 99.50 99.50 100
 HEC-1 INPUT

PAGE 29

LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

1177 KK W1
 1178 KM RUNOFF FROM W1
 1179 BA 0.209
 1180 LS 0 82.9
 1181 UD 0.150

 1182 KK 19G
 1183 KM COMBINE T4B19G,W1
 1184 HC 2

 1185 KK Q8
 1186 KM RUNOFF FROM Q8
 1187 BA 0.084
 1188 LS 0 81.1
 1189 UD 0.160

 1190 KK 19
 1191 KM COMBINE 18-19,19F,19G,Q8
 1192 HC 4

 1193 KK 19-20
 1194 KM ROUTE 19 TO DESIGN POINT 20
 1195 RD
 1196 RC .040 .040 .040 2400 .017
 1197 RX 77 108 115 150 225 235 290 329
 1198 RY 6316 6298 6292 6292 6298 6302 6304 6314

 1199 KK W2
 1200 KM RUNOFF FROM W2
 1201 BA 0.125
 1202 LS 0 88.3
 1203 UD 0.120

 1204 KK 20
 1205 KM COMBINE 19-20,W2
 1206 HC 2

 1207 KK 20-21
 1208 KM ROUTE 20 TO DESIGN POINT 21
 1209 RD
 1210 RC .040 .040 .040 1800 .016
 1211 RX 53 63 104 153 157 189 211 265
 1212 RY 6299 6282 6270 6263 6254 6253 6259 6300

 1213 KK W3A
 1214 KM RUNOFF FROM W3A
 1215 BA 0.050
 1216 LS 0 92.7
 1217 UD 0.110

HEC-1 INPUT

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LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

1218 KK V2A
 1219 KM RUNOFF FROM V2A
 1220 BA 0.067
 1221 LS 0 92.8
 1222 UD 0.090

 1223 KK 21
 1224 KM COMBINE 20-21,V2A,W3A
 1225 HC 3
 1226 ZZ

SCHEMATIC DIAGRAM OF STREAM NETWORK

INPUT

LINE NO.	(V) ROUTING (.) CONNECTOR	(--->) DIVERSION OR PUMP FLOW (<---) RETURN OF DIVERTED OR PUMPED FLOW
12	A1 V	
30	V 1-2	
33	.	A3
38	2 V	
41	V 2-3	
44	.	A2
49	.	A4
54	.	A5
59	3 V	
62	V 3-4	
65	.	A8
70	.	A9
75	4 V	
78	V 4-5	
81	.	A6
86	.	A7
91	5A V	
94	V 5A-5	
97	.	A10
102	.	A11
107	.	A12
112	.	A13
117	.	B1
122	5 V	
125	V 5-6	
128	.	B2
133	V B2-6A	
136	.	B5
141	6A	
144	.	B3
149	.	B4
154	6 V	

157	V			
	6-7			
160	.	B8		
165	7			
	V			
168	7-8			
174	.	C2		
	V			
179	.	C2-8A		
182	.		C3	
187	.	8A		
	V			
190	.	8A-8B		
193	.		C4	
	V			
198	.	C4-8B		
201	.			C7
206	.	8B		
209	.		C1	
214	.			C13
219	.		8C	
	V			
222	.	8C-8D		
225	.			C6
230	.		8D	
233	.	8E		
	V			
236	.	8E-8G		
239	.		C5	
	V			
244	.	C5-8F		
247	.			C8
252	.		8F	
255	.			C9
260	.			C10
265	.			C11
270	.	8G		
	V			
273	.	8G-8		
276	.		B5	
	V			
281	.	B5-8H		
284	.			B7

289	.	.	8H.....
292	.	.	B9
297	8.....	.	
	V	.	
300	8-9	.	
306	.	C14	
	.	V	
311	.	V	
	.	C14-9A	
314	.	.	C15
319	.	9A.....	
	.	V	
322	.	V	
	.	9A-9B	
325	.	.	C17
330	.	.	C18
335	.	9B.....	
338	.	.	C12
343	.	.	D1
348	.	.	D2
353	9.....	.	
	V	.	
356	9-10	.	
362	.	C19	
367	.	.	D4
372	10.....	.	
	V	.	
375	10-11	.	
381	.	E1	
	.	V	
386	.	V	
	.	E1-11A	
389	.	.	E3
394	.	11A.....	
	.	V	
397	.	V	
	.	11A11B	
400	.	.	E5
405	.	11B.....	
408	.	.	E2
	.	V	
413	.	V	
	.	E2-11C	
416	.	.	E4
421	.	11C.....	
424	.	11D.....	
	.	V	

427	.	.	V	
	.	.	11D11F	
430	.	.	.	
	.	.	.	E6
	.	.	.	V
435	.	.	.	V
	.	.	E6-11E	
438	.	.	.	
	.	.	.	E8
443	.	.	.	
	.	.	11E	
446	.	.	.	
	.	.	.	E7
451	.	.	.	
	.	.	11F	
	.	.	V	
	.	.	V	
454	.	.	11F11P	
457	.	.	.	
	.	.	E9	
462	.	.	.	
	.	.	.	E10
467	.	.	.	
	.	.	11CP	
	.	.	V	
	.	.	V	
470	.	.	11P	
	.	.	V	
	.	.	V	
476	.	.	11P-11	
479	.	.	.	
	.	.	E11	
484	.	.	.	
	.	.	11P11	
487	.	.	.	
	.	.	C16	
	.	.	V	
492	.	.	V	
	.	.	C1611G	
495	.	.	.	
	.	.	.	C20
500	.	.	.	
	.	.	11G	
503	.	.	.	
	.	.	11	
	.	.	V	
	.	.	V	
506	.	.	11-12	
512	.	.	.	
	.	.	G1	
	.	.	V	
	.	.	V	
517	.	.	G1-12A	
520	.	.	.	
	.	.	G3	
525	.	.	.	
	.	.	12A	
528	.	.	.	
	.	.	G2	
	.	.	V	
533	.	.	V	
	.	.	G2-12B	
536	.	.	.	
	.	.	.	G4
541	.	.	.	
	.	.	12B	
	.	.	V	
544	.	.	V	
	.	.	12B12C	
547	.	.	.	
	.	.	G5	
552	.	.	.	
	.	.	.	G6
557	.	.	.	
	.	.	12C	
	.	.	V	

696	.	.	.	.	H17
701	.	.	.	13P.....	.
704	.	.	.	V	.
707	.	.	.	V	.
712	.	.	.	13F13G	H18
715	.	.	.	.	.
720	.	.	.	.	H3
723	.	13H.....	.	.	.
726	.	V	.	.	.
731	.	13H13I	.	.	.
734	.	.	H9	.	.
737	.	.	.	.	.
742	.	13I.....	.	.	.
747	.	V	.	.	.
750	.	V	.	.	.
755	.	13I13J	.	.	.
760	.	.	H10	.	.
763	.	.	.	H19	.
766	.	.	.	.	.
771	.	13J.....	.	.	.
774	.	.	.	.	.
777	.	.	H11	.	.
782	.	.	.	H12	.
785	.	.	.	.	.
790	.	.	13K.....	.	.
793	.	.	V	.	.
796	.	.	V	.	.
801	.	.	13K13L	.	.
806	.	.	.	H13	.
809	.	.	.	.	.
814	.	.	13L.....	.	.
819	.	.	V	.	.
822	.	.	V	.	.
	.	.	13L13M	.	.
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	.	.	13P.....	.	.
	.	.	V	.	.
	.	.	V	.	.
	.	.	13P13Q	.	.

825	.	.	.	K3	.
830	.	.	.	.	K4
835	.	.	13Q	.	.
838	.	.	V	.	.
841	.	.	13Q13R	.	.
846	.	.	.	J1	.
849	.	.	.	V	.
854	.	.	.	V	.
857	.	.	.	J1-13S	.
862	.	.	.	.	J2
867	.	.	.	.	.
870	13	.	.	.	J3
876	V	.	.	.	.
881	13-14	.	.	.	.
887	.	L1	.	.	.
892	.	V	.	.	.
895	.	V	.	.	.
900	.	L1-14A	.	.	.
906	.	.	L2	.	.
911	.	.	.	.	.
914	.	.	14A	.	.
917	.	.	.	.	.
922	.	.	O1	.	.
928	.	.	V	.	.
933	.	.	V	.	.
936	.	.	O1-14B	.	.
939	.	.	.	O2	.
945	.	.	.	.	.
950	.	.	.	.	.
955	.	.	.	.	.
958	.	.	.	.	.
964	.	.	.	.	.
969	.	.	.	.	.

975	.	.	.	M4	.
	.	.	.	V	.
980	.	.	.	M4-16B	.
	.	.	.	.	.
983	.	.	.	.	M6
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988	.	.	.	16B.....	.
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991	.	.	.	.	P2
	.	.	.	.	V
996	.	.	.	.	V
	.	.	.	F2-16C	.
	.	.	.	.	.
1002	.	.	.	.	P3
	.	.	.	.	.
1007	.	.	.	.	.
	.	.	.	16C.....	.
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1010	.	.	.	.	.
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1013	16-17	.	.	.	.
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1019	.	.	.	T2	.
	.	.	.	V	.
1024	.	.	.	T2-17A	.
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1027	.	.	.	.	T3
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1032	.	.	.	17A.....	.
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1035	.	.	.	17A-17	.
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1041	.	.	.	.	T1A
	.	.	.	.	.
1046	.	.	.	.	S1
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1051	.	.	.	.	S2
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1056	.	.	.	.	.
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	V	.	.	.	.
1059	17-18	.	.	.	.
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1065	.	.	.	T4A	.
	.	.	.	V	.
1070	.	.	.	T4A18A	.
	.	.	.	.	.
1076	.	.	.	.	T1B
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1081	.	.	.	18A.....	.
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1084	.	.	.	.	S3
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1089	.	.	.	.	.
	18.....	.	.	.	.
	V	.	.	.	.
1092	18-19	.	.	.	.
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1098	.	.	.	Q1	.
	.	.	.	V	.
1103	.	.	.	Q1-19A	.
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1109	.	.	.	.	Q2
	.	.	.	.	.
1114	.	.	.	19A.....	.
	.	.	.	.	.
1117	.	.	.	.	Q3
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1122	.	.	.	19B.....	.
	.	.	.	V	.

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1125      .      V
      19B19C
1128      .      .      Q4
1133      .      19C.....
1136      .      .      Q5
1141      .      19D.....
      V
      V
1144      .      19D19E
1147      .      .      Q6
1152      .      19E.....
      V
      V
1155      .      19E19F
1158      .      .      Q7
1163      .      19F.....
1166      .      .      T4B
      V
1171      .      .      T4B19G
1177      .      .      W1
1182      .      .      19G.....
1185      .      .      Q8
1190      19.....
      V
1193      19-20
1199      .      W2
1204      20.....
      V
1207      20-21
1213      .      W3A
1218      .      .      V2A
1223      21.....

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(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

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1*****
* FLOOD HYDROGRAPH PACKAGE (HEC-1) *
* SEPTEMBER 1990 *
* VERSION 4.0 *
* RUN DATE 12/31/1998 TIME 14:31:44 *
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*****
* U.S. ARMY CORPS OF ENGINEERS *
* HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET *
* DAVIS, CALIFORNIA 95616 *
* (916) 756-1104 *
*****

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COTTONWOOD CREEK DBPS AYRES PROJECT NO. 34-0330.00
 FUTURE CONDITIONS - INPUT FILE 100FREV1.INP
 CN AND LAGS REVISED BASED UPON SEPTEMBER 4TH, 1996 MEETING WITH
 CITY OF COLORADO SPRINGS ENGINEERING STAFF
 FURTHER REVISED BASED ON LAND USE REVISIONS:
 A PORTION OF BASIN H5 WAS ADDED TO D3 (RENAMED H5A AND D3A)
 H8 DIVIDED INTO H8A AND H8B AT OAKWOOD
 CURVE NUMBERS FOR H5A, H6, H7, H8A, AND H8B CHANGED
 100 YEAR 24 HOUR STORM - RUN DATE 12-31-98

11 IO OUTPUT CONTROL VARIABLES
 IPRNT 5 PRINT CONTROL

IPLOT 0 PLOT CONTROL
 QSCAL 0. HYDROGRAPH PLOT SCALE
 IT HYDROGRAPH TIME DATA
 NMIN 5 MINUTES IN COMPUTATION INTERVAL
 IDATE 1SEP89 STARTING DATE
 ITIME 0800 STARTING TIME
 NQ 300 NUMBER OF HYDROGRAPH ORDINATES
 NDDATE 2SEP89 ENDING DATE
 NDTIME 0855 ENDING TIME
 ICENT 19 CENTURY MARK

COMPUTATION INTERVAL .08 HOURS
 TOTAL TIME BASE 24.92 HOURS

ENGLISH UNITS
 DRAINAGE AREA SQUARE MILES
 PRECIPITATION DEPTH INCHES
 LENGTH, ELEVATION FEET
 FLOW CUBIC FEET PER SECOND
 STORAGE VOLUME ACRE-Feet
 SURFACE AREA ACRES
 TEMPERATURE DEGREES FAHRENHEIT

1

RUNOFF SUMMARY
 FLOW IN CUBIC FEET PER SECOND
 TIME IN HOURS, AREA IN SQUARE MILES

+	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD			BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
					6-HOUR	24-HOUR	72-HOUR			
+	HYDROGRAPH AT									
+		A1	62.	6.33	13.	4.	4.	.19		
+	ROUTED TO									
+		1-2	62.	6.50	13.	4.	4.	.19		
+	HYDROGRAPH AT									
+		A3	60.	6.33	11.	4.	4.	.16		
+	2 COMBINED AT									
+		2	110.	6.42	24.	8.	8.	.35		
+	ROUTED TO									
+		2-3	109.	6.67	24.	8.	8.	.35		
+	HYDROGRAPH AT									
+		A2	61.	6.50	14.	5.	5.	.21		
+	HYDROGRAPH AT									
+		A4	82.	6.42	17.	6.	6.	.25		
+	HYDROGRAPH AT									
+		A5	74.	6.33	14.	5.	5.	.21		
+	4 COMBINED AT									
+		3	282.	6.58	69.	24.	23.	1.02		
+	ROUTED TO									
+		3-4	277.	6.75	69.	24.	23.	1.02		
+	HYDROGRAPH AT									
+		A8	79.	6.33	16.	6.	5.	.24		
+	HYDROGRAPH AT									
+		A9	81.	6.25	13.	5.	5.	.20		
+	3 COMBINED AT									
+		4	359.	6.67	98.	35.	33.	1.46		
+	ROUTED TO									
+		4-5	357.	6.75	98.	34.	33.	1.46		
+	HYDROGRAPH AT									
+		A6	51.	6.33	10.	3.	3.	.14		
+	HYDROGRAPH AT									
+		A7	49.	6.33	9.	3.	3.	.14		
+	2 COMBINED AT									
+		5A	100.	6.33	19.	7.	6.	.28		
+	ROUTED TO									
+		5A-5	99.	6.58	19.	7.	6.	.28		
+	HYDROGRAPH AT									
+		A10	68.	6.25	12.	4.	4.	.17		
+	HYDROGRAPH AT									
+		A11	41.	6.33	8.	3.	3.	.12		
+	HYDROGRAPH AT									
+		A12	53.	6.17	8.	3.	3.	.12		
+	HYDROGRAPH AT									
+		A13	52.	6.42	11.	4.	4.	.16		
	HYDROGRAPH AT									

+		B1	127.	6.08	15.	5.	5.	.19
+	7 COMBINED AT	5	597.	6.50	169.	60.	57.	2.50
+	ROUTED TO	5-6	595.	6.75	168.	59.	57.	2.50
+	HYDROGRAPH AT	B2	173.	6.08	18.	6.	6.	.11
+	ROUTED TO	B2-6A	167.	6.17	18.	6.	6.	.11
+	HYDROGRAPH AT	B6	197.	6.25	32.	10.	10.	.18
+	2 COMBINED AT	6A	361.	6.25	51.	16.	15.	.29
+	HYDROGRAPH AT	B3	184.	6.08	22.	7.	7.	.15
+	HYDROGRAPH AT	B4	127.	6.08	15.	5.	5.	.10
+	4 COMBINED AT	6	749.	6.67	252.	87.	84.	3.04
+	ROUTED TO	6-7	746.	6.92	252.	87.	83.	3.04
+	HYDROGRAPH AT	B8	195.	6.25	32.	10.	9.	.16
+	2 COMBINED AT	7	857.	6.58	281.	96.	93.	3.20
+	ROUTED TO	7-8	853.	6.67	281.	96.	93.	3.20
+	HYDROGRAPH AT	C2	104.	6.08	11.	4.	4.	.15
+	ROUTED TO	C2-8A	99.	6.25	10.	4.	3.	.15
+	HYDROGRAPH AT	C3	102.	6.17	13.	4.	4.	.16
+	2 COMBINED AT	8A	191.	6.17	24.	8.	8.	.32
+	ROUTED TO	8A-8B	200.	6.42	24.	8.	8.	.32
+	HYDROGRAPH AT	C4	167.	6.08	21.	7.	7.	.22
+	ROUTED TO	C4-8B	162.	6.25	21.	7.	7.	.22
+	HYDROGRAPH AT	C7	205.	6.17	27.	8.	8.	.16
+	3 COMBINED AT	8B	439.	6.42	71.	24.	23.	.70
+	HYDROGRAPH AT	C1	155.	6.08	17.	6.	5.	.17
+	HYDROGRAPH AT	C13	143.	6.00	15.	5.	5.	.13
+	2 COMBINED AT	8C	298.	6.08	32.	10.	10.	.29
+	ROUTED TO	8C-8D	276.	6.25	32.	10.	10.	.29
+	HYDROGRAPH AT	C6	164.	6.08	20.	6.	6.	.11
+	2 COMBINED AT	8D	397.	6.25	51.	16.	16.	.40
+	2 COMBINED AT	8E	778.	6.33	122.	40.	39.	1.09
+	ROUTED TO	8E-8G	785.	6.42	122.	40.	39.	1.09
+	HYDROGRAPH AT	C5	192.	6.17	25.	8.	8.	.23
+	ROUTED TO	C5-8F	178.	6.50	24.	8.	8.	.23
	HYDROGRAPH AT							

+		C8	205.	6.25	32.	10.	9.	.17
+	2 COMBINED AT	8F	316.	6.42	55.	18.	17.	.40
+	HYDROGRAPH AT	C9	230.	6.25	35.	11.	11.	.21
+	HYDROGRAPH AT	C10	98.	6.25	17.	5.	5.	.11
+	HYDROGRAPH AT	C11	183.	6.17	24.	7.	7.	.13
+	5 COMBINED AT	8G	1454.	6.42	252.	81.	78.	1.93
+	ROUTED TO	8G-8	1437.	6.50	252.	81.	78.	1.93
+	HYDROGRAPH AT	B5	195.	6.08	22.	7.	6.	.11
+	ROUTED TO	B5-8H	190.	6.33	22.	7.	6.	.11
+	HYDROGRAPH AT	B7	366.	6.17	49.	15.	15.	.30
+	2 COMBINED AT	8H	508.	6.25	71.	22.	21.	.40
+	HYDROGRAPH AT	B9	237.	6.17	34.	10.	10.	.17
+	4 COMBINED AT	8	2733.	6.42	633.	210.	202.	5.70
+	ROUTED TO	8-9	2708.	6.50	633.	210.	202.	5.70
+	HYDROGRAPH AT	C14	147.	6.08	16.	5.	5.	.10
+	ROUTED TO	C14-9A	139.	6.17	16.	5.	5.	.10
+	HYDROGRAPH AT	C15	127.	6.08	14.	4.	4.	.09
+	2 COMBINED AT	9A	239.	6.17	29.	9.	9.	.19
+	ROUTED TO	9A-9B	227.	6.50	28.	9.	9.	.19
+	HYDROGRAPH AT	C17	102.	6.17	15.	5.	4.	.09
+	HYDROGRAPH AT	C18	179.	6.25	30.	10.	9.	.20
+	3 COMBINED AT	9B	450.	6.42	73.	23.	22.	.48
+	HYDROGRAPH AT	C12	195.	6.08	22.	7.	7.	.11
+	HYDROGRAPH AT	D1	261.	6.17	35.	11.	10.	.17
+	HYDROGRAPH AT	D2	323.	6.17	45.	14.	13.	.20
+	5 COMBINED AT	9	3477.	6.42	803.	264.	255.	6.65
+	ROUTED TO	9-10	3456.	6.50	803.	264.	254.	6.65
+	HYDROGRAPH AT	C19	122.	6.17	18.	6.	5.	.11
+	HYDROGRAPH AT	D4	203.	6.17	29.	9.	8.	.12
+	3 COMBINED AT	10	3616.	6.50	848.	278.	268.	6.88
+	ROUTED TO	10-11	3570.	6.50	848.	278.	268.	6.88
+	HYDROGRAPH AT	E1	122.	6.08	13.	4.	4.	.09
+	ROUTED TO	E1-11A	118.	6.25	13.	4.	4.	.09
	HYDROGRAPH AT							

+		E3	291.	6.08	33.	10.	10.	.15		
+	2 COMBINED AT	11A	364.	6.08	46.	14.	14.	.24		
+	ROUTED TO	11A11B	359.	6.25	45.	14.	14.	.24		
+	HYDROGRAPH AT	E5	208.	6.17	29.	9.	8.	.13		
+	2 COMBINED AT	11B	553.	6.25	74.	23.	22.	.37		
+	HYDROGRAPH AT	E2	212.	6.08	24.	7.	7.	.09		
+	ROUTED TO	E2-11C	209.	6.25	25.	7.	7.	.09		
+	HYDROGRAPH AT	E4	162.	6.25	26.	8.	8.	.15		
+	2 COMBINED AT	11C	371.	6.25	51.	16.	15.	.24		
+	2 COMBINED AT	11D	924.	6.25	125.	38.	37.	.61		
+	ROUTED TO	11D11F	886.	6.25	125.	38.	37.	.61		
+	HYDROGRAPH AT	E6	45.	6.17	6.	2.	2.	.05		
+	ROUTED TO	E6-11E	44.	6.50	6.	2.	2.	.05		
+	HYDROGRAPH AT	E8	228.	6.08	28.	8.	8.	.12		
+	2 COMBINED AT	11E	228.	6.08	34.	10.	10.	.17		
+	HYDROGRAPH AT	E7	174.	6.17	24.	7.	7.	.12		
+	3 COMBINED AT	11F	1220.	6.25	183.	56.	54.	.90		
+	ROUTED TO	11F11P	1209.	6.33	184.	57.	54.	.90		
+	HYDROGRAPH AT	E9	189.	6.00	19.	6.	6.	.11		
+	HYDROGRAPH AT	E10	168.	6.00	16.	5.	5.	.10		
+	3 COMBINED AT	11CP	1277.	6.25	218.	67.	65.	1.11		
+	ROUTED TO	11P	285.	7.00	214.	67.	65.	1.11	6811.36	7.00
+	ROUTED TO	11P-11	285.	7.08	214.	67.	65.	1.11		
+	HYDROGRAPH AT	E11	112.	6.17	16.	5.	5.	.10		
+	2 COMBINED AT	11P11	329.	6.25	229.	72.	69.	1.21		
+	HYDROGRAPH AT	C16	175.	6.17	22.	7.	7.	.14		
+	ROUTED TO	C1611G	174.	6.42	22.	7.	7.	.14		
+	HYDROGRAPH AT	C20	136.	6.25	21.	6.	6.	.11		
+	2 COMBINED AT	11G	294.	6.33	43.	13.	13.	.25		
+	3 COMBINED AT	11	4120.	6.50	1119.	364.	350.	8.35		
+	ROUTED TO	11-12	4069.	6.67	1119.	363.	350.	8.35		
+	HYDROGRAPH AT	G1	330.	6.08	36.	11.	11.	.18		
+	ROUTED TO	G1-12A	322.	6.17	36.	11.	11.	.18		

+	HYDROGRAPH AT	G3	256.	6.17	33.	10.	10.	.18
+	2 COMBINED AT	12A	578.	6.17	70.	21.	21.	.36
+	HYDROGRAPH AT	G2	156.	6.08	16.	5.	5.	.11
+	ROUTED TO	G2-12B	151.	6.17	16.	5.	5.	.11
+	HYDROGRAPH AT	G4	272.	6.08	33.	10.	9.	.13
+	3 COMBINED AT	12B	976.	6.17	118.	36.	35.	.60
+	ROUTED TO	12B12C	966.	6.17	118.	36.	35.	.60
+	HYDROGRAPH AT	G5	171.	6.08	19.	6.	6.	.12
+	HYDROGRAPH AT	G6	213.	6.08	24.	7.	7.	.14
+	3 COMBINED AT	12C	1296.	6.17	161.	50.	48.	.86
+	ROUTED TO	12CP12	1299.	6.17	161.	50.	48.	.86
+	HYDROGRAPH AT	D3A	520.	6.17	73.	21.	21.	.24
+	ROUTED TO	D3-12D	514.	6.17	73.	21.	21.	.24
+	HYDROGRAPH AT	D5	316.	6.08	38.	11.	11.	.13
+	2 COMBINED AT	12D	791.	6.08	110.	33.	31.	.37
+	HYDROGRAPH AT	F1	138.	6.33	25.	8.	8.	.14
+	HYDROGRAPH AT	G7	213.	6.17	29.	9.	9.	.17
+	HYDROGRAPH AT	G8	141.	6.08	15.	5.	5.	.08
+	HYDROGRAPH AT	H21	199.	6.08	24.	7.	7.	.08
+	7 COMBINED AT	12	5007.	6.50	1466.	474.	457.	10.04
+	ROUTED TO	12-13	5013.	6.67	1466.	474.	456.	10.04
+	HYDROGRAPH AT	H5A	148.	6.33	26.	9.	8.	.25
+	ROUTED TO	TRIP60	148.	6.33	26.	9.	8.	.25
+	ROUTED TO	60-13B	148.	6.42	26.	9.	8.	.25
+	HYDROGRAPH AT	H6	169.	6.17	22.	7.	7.	.21
+	ROUTED TO	TWIN42	149.	6.08	22.	7.	7.	.21
+	ROUTED TO	42-13B	149.	6.33	22.	7.	7.	.21
+	HYDROGRAPH AT	H7	261.	6.17	37.	11.	11.	.14
+	3 COMBINED AT	13B	516.	6.25	84.	27.	26.	.61
+	ROUTED TO	13BOAK	507.	6.33	84.	27.	26.	.61
+	HYDROGRAPH AT	H8A	105.	6.08	13.	4.	4.	.08
+	2 COMBINED AT	OAKWOD	587.	6.25	97.	31.	30.	.68
+	ROUTED TO	OAK13C	577.	6.33	97.	31.	30.	.68

+	HYDROGRAPH AT	H8B	56.	6.08	7.	2.	2.	.05
+	2 COMBINED AT	13C	618.	6.25	104.	33.	32.	.73
+	HYDROGRAPH AT	H2	214.	6.08	27.	8.	8.	.11
+	ROUTED TO	H2-13D	209.	6.17	27.	8.	8.	.11
+	HYDROGRAPH AT	H1	264.	6.25	42.	13.	12.	.17
+	2 COMBINED AT	13D	468.	6.25	69.	21.	20.	.28
+	ROUTED TO	13D13E	464.	6.33	69.	21.	20.	.28
+	HYDROGRAPH AT	H4	201.	6.08	22.	7.	6.	.13
+	2 COMBINED AT	13E	555.	6.25	90.	27.	26.	.40
+	HYDROGRAPH AT	H16	194.	6.00	21.	6.	6.	.11
+	HYDROGRAPH AT	H17	204.	6.00	20.	6.	6.	.10
+	2 COMBINED AT	13F	399.	6.00	41.	13.	12.	.21
+	ROUTED TO	13F13G	383.	6.08	41.	13.	12.	.21
+	HYDROGRAPH AT	H18	243.	6.17	33.	10.	10.	.17
+	2 COMBINED AT	13G	618.	6.17	74.	23.	22.	.38
+	HYDROGRAPH AT	H3	211.	6.08	27.	8.	8.	.14
+	4 COMBINED AT	13H	1935.	6.17	294.	91.	88.	1.65
+	ROUTED TO	13H13I	1882.	6.25	294.	91.	88.	1.65
+	HYDROGRAPH AT	H9	301.	6.08	33.	10.	10.	.17
+	2 COMBINED AT	13I	2112.	6.17	327.	102.	98.	1.83
+	ROUTED TO	13I13J	2076.	6.25	327.	102.	98.	1.83
+	HYDROGRAPH AT	H10	121.	6.08	15.	4.	4.	.06
+	HYDROGRAPH AT	H19	148.	6.17	20.	6.	6.	.12
+	3 COMBINED AT	13J	2294.	6.25	360.	112.	108.	2.01
+	HYDROGRAPH AT	H11	305.	6.17	42.	13.	12.	.14
+	HYDROGRAPH AT	H12	286.	6.08	34.	10.	10.	.16
+	2 COMBINED AT	13K	582.	6.08	77.	23.	22.	.31
+	ROUTED TO	13K13L	575.	6.17	77.	23.	22.	.31
+	HYDROGRAPH AT	H13	251.	6.08	29.	9.	8.	.13
+	2 COMBINED AT	13L	795.	6.08	106.	32.	31.	.44
+	ROUTED TO	13L13M	777.	6.17	105.	32.	31.	.44
+	HYDROGRAPH AT	H14	220.	6.17	32.	9.	9.	.12
+	2 COMBINED AT	13M	997.	6.17	137.	41.	40.	.55

+	HYDROGRAPH AT	H23	122.	6.17	17.	5.	5.	.10
+	3 COMBINED AT	13N	3375.	6.25	514.	159.	153.	2.66
+	ROUTED TO	13N13O	3328.	6.25	514.	159.	153.	2.66
+	HYDROGRAPH AT	H15	138.	6.25	23.	7.	7.	.08
+	HYDROGRAPH AT	H20	47.	6.17	6.	2.	2.	.07
+	3 COMBINED AT	13O	3507.	6.25	543.	168.	161.	2.82
+	HYDROGRAPH AT	K1	301.	6.17	40.	12.	12.	.17
+	HYDROGRAPH AT	K2	243.	6.25	37.	11.	11.	.19
+	2 COMBINED AT	13P	543.	6.17	77.	23.	23.	.36
+	ROUTED TO	13P13Q	532.	6.25	77.	23.	23.	.36
+	HYDROGRAPH AT	K3	176.	6.08	21.	6.	6.	.10
+	HYDROGRAPH AT	K4	204.	6.17	31.	9.	9.	.15
+	3 COMBINED AT	13Q	855.	6.25	128.	39.	38.	.60
+	ROUTED TO	13Q13R	849.	6.25	128.	39.	38.	.60
+	HYDROGRAPH AT	J1	317.	6.08	40.	12.	12.	.21
+	ROUTED TO	J1-13S	310.	6.25	40.	12.	12.	.21
+	HYDROGRAPH AT	J2	179.	6.08	22.	7.	6.	.09
+	2 COMBINED AT	13S	472.	6.17	62.	19.	18.	.30
+	HYDROGRAPH AT	H22	415.	6.00	47.	14.	13.	.18
+	HYDROGRAPH AT	J3	301.	6.08	35.	10.	10.	.13
+	6 COMBINED AT	13	8763.	6.42	2265.	724.	697.	14.07
+	ROUTED TO	13-14	8653.	6.42	2264.	723.	696.	14.07
+	HYDROGRAPH AT	L1	249.	6.08	27.	8.	8.	.14
+	ROUTED TO	L1-14A	243.	6.08	27.	8.	8.	.14
+	HYDROGRAPH AT	L2	162.	6.08	19.	6.	6.	.15
+	2 COMBINED AT	14A	406.	6.08	46.	15.	14.	.29
+	HYDROGRAPH AT	O1	216.	6.08	23.	7.	7.	.11
+	ROUTED TO	O1-14B	210.	6.08	23.	7.	7.	.11
+	HYDROGRAPH AT	O2	224.	6.08	26.	8.	8.	.12
+	2 COMBINED AT	14B	434.	6.08	49.	15.	14.	.23
+	2 COMBINED AT	14AB	840.	6.08	96.	30.	28.	.53
+	HYDROGRAPH AT	M1	204.	6.08	23.	7.	7.	.09
+	ROUTED TO	M1-14C	203.	6.08	23.	7.	7.	.09

+	HYDROGRAPH AT	M2	337.	6.08	38.	12.	11.	.20
+	2 COMBINED AT	14C	540.	6.08	61.	19.	18.	.30
+	3 COMBINED AT	14	9049.	6.42	2411.	771.	743.	14.89
+	ROUTED TO	14-15	9018.	6.42	2411.	771.	742.	14.99
+	HYDROGRAPH AT	M5	139.	6.08	16.	5.	5.	.10
+	HYDROGRAPH AT	P1	215.	6.08	24.	7.	7.	.12
+	3 COMBINED AT	15	9121.	6.42	2449.	783.	754.	15.12
+	ROUTED TO	15-16	9056.	6.42	2446.	782.	754.	15.12
+	HYDROGRAPH AT	M3	191.	6.25	30.	9.	9.	.16
+	ROUTED TO	M3-16	189.	6.25	30.	9.	9.	.16
+	HYDROGRAPH AT	M4	170.	6.33	30.	10.	9.	.23
+	ROUTED TO	M4-16B	169.	6.42	30.	10.	9.	.23
+	HYDROGRAPH AT	M6	171.	6.08	19.	6.	6.	.10
+	2 COMBINED AT	16B	235.	6.17	49.	16.	15.	.33
+	HYDROGRAPH AT	P2	121.	6.08	13.	4.	4.	.08
+	ROUTED TO	P2-16C	119.	6.08	13.	4.	4.	.08
+	HYDROGRAPH AT	P3	277.	6.08	33.	10.	10.	.20
+	2 COMBINED AT	16C	397.	6.08	45.	14.	14.	.28
+	4 COMBINED AT	16	9551.	6.42	2565.	822.	791.	15.89
+	ROUTED TO	16-17	9512.	6.50	2564.	821.	791.	15.89
+	HYDROGRAPH AT	T2	115.	6.25	19.	6.	6.	.16
+	ROUTED TO	T2-17A	112.	6.58	19.	6.	6.	.16
+	HYDROGRAPH AT	T3	104.	6.25	16.	5.	5.	.12
+	2 COMBINED AT	17A	161.	6.58	34.	11.	11.	.28
+	ROUTED TO	17A-17	158.	6.58	34.	11.	11.	.28
+	HYDROGRAPH AT	T1A	140.	6.17	19.	6.	6.	.09
+	HYDROGRAPH AT	S1	208.	6.08	23.	7.	7.	.13
+	HYDROGRAPH AT	S2	273.	6.00	28.	9.	8.	.13
+	5 COMBINED AT	17	9782.	6.50	2656.	854.	822.	16.52
+	ROUTED TO	17-18	9758.	6.50	2655.	853.	822.	16.52
+	HYDROGRAPH AT	T4A	118.	6.17	16.	5.	5.	.09
+	ROUTED TO	T4A18A	115.	6.17	16.	5.	5.	.09
+	HYDROGRAPH AT	T1B	185.	6.08	21.	7.	6.	.13

+	2 COMBINED AT	18A	286.	6.08	38.	12.	11.	.22
+	HYDROGRAPH AT	S3	277.	6.08	34.	11.	10.	.18
+	3 COMBINED AT	18	9941.	6.50	2721.	876.	843.	16.93
+	ROUTED TO	18-19	9904.	6.58	2721.	875.	843.	16.93
+	HYDROGRAPH AT	Q1	198.	6.00	20.	6.	6.	.10
+	ROUTED TO	Q1-19A	190.	6.00	20.	6.	6.	.10
+	HYDROGRAPH AT	Q2	293.	6.08	33.	10.	10.	.20
+	2 COMBINED AT	19A	474.	6.08	53.	16.	16.	.30
+	HYDROGRAPH AT	Q3	123.	6.08	14.	4.	4.	.08
+	2 COMBINED AT	19B	598.	6.08	66.	21.	20.	.38
+	ROUTED TO	19B19C	580.	6.17	66.	21.	20.	.38
+	HYDROGRAPH AT	Q4	230.	6.17	31.	9.	9.	.13
+	2 COMBINED AT	19C	811.	6.17	97.	30.	29.	.51
+	HYDROGRAPH AT	Q5	213.	6.08	23.	7.	7.	.15
+	2 COMBINED AT	19D	985.	6.08	120.	37.	36.	.66
+	ROUTED TO	19D19E	986.	6.25	120.	37.	36.	.66
+	HYDROGRAPH AT	Q6	382.	6.17	54.	16.	16.	.21
+	2 COMBINED AT	19E	1344.	6.25	173.	53.	51.	.87
+	ROUTED TO	19E19F	1329.	6.25	173.	53.	51.	.87
+	HYDROGRAPH AT	Q7	286.	6.17	38.	12.	11.	.18
+	2 COMBINED AT	19F	1584.	6.25	211.	65.	63.	1.05
+	HYDROGRAPH AT	T4B	145.	6.08	17.	5.	5.	.08
+	ROUTED TO	T4B19G	139.	6.17	17.	5.	5.	.08
+	HYDROGRAPH AT	W1	415.	6.00	44.	13.	13.	.21
+	2 COMBINED AT	19G	545.	6.08	62.	19.	18.	.28
+	HYDROGRAPH AT	Q8	153.	6.08	17.	5.	5.	.08
+	4 COMBINED AT	19	10752.	6.50	2990.	964.	928.	18.35
+	ROUTED TO	19-20	10702.	6.58	2987.	963.	927.	18.35
+	HYDROGRAPH AT	W2	318.	6.00	33.	10.	9.	.13
+	2 COMBINED AT	20	10731.	6.58	3010.	972.	936.	18.47
+	ROUTED TO	20-21	10711.	6.58	3010.	972.	936.	18.47
+	HYDROGRAPH AT	W3A	144.	6.00	15.	4.	4.	.05
+	HYDROGRAPH AT	V2A	197.	6.00	20.	6.	6.	.07

3 COMBINED AT
+
1 21 10738. 6.58 3033. 982. 946. 18.59

SUMMARY OF KINEMATIC WAVE - MUSKINGUM-CUNGE ROUTING
(FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)

ISTAQ	ELEMENT	DT (MIN)	PEAK (CFS)	TIME TO PEAK (MIN)	VOLUME (IN)	INTERPOLATED TO COMPUTATION INTERVAL			VOLUME (IN)
						DT (MIN)	PEAK (CFS)	TIME TO PEAK (MIN)	
1-2	MANE	2.00	61.67	392.00	.88	5.00	61.61	390.00	.88

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8845E+01 EXCESS= .0000E+00 OUTFLOW= .8834E+01 BASIN STORAGE= .2554E-01 PERCENT ERROR= -.2

2-3	MANE	2.25	109.76	402.75	.88	5.00	109.01	400.00	.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1645E+02 EXCESS= .0000E+00 OUTFLOW= .1638E+02 BASIN STORAGE= .1260E+00 PERCENT ERROR= -.3

3-4	MANE	2.75	276.60	404.25	.88	5.00	276.56	405.00	.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .4810E+02 EXCESS= .0000E+00 OUTFLOW= .4797E+02 BASIN STORAGE= .2321E+00 PERCENT ERROR= -.2

4-5	MANE	3.00	356.73	405.00	.88	5.00	356.73	405.00	.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .6852E+02 EXCESS= .0000E+00 OUTFLOW= .6839E+02 BASIN STORAGE= .2106E+00 PERCENT ERROR= -.1

5A-5	MANE	2.00	100.21	392.00	.88	5.00	98.70	395.00	.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1308E+02 EXCESS= .0000E+00 OUTFLOW= .1306E+02 BASIN STORAGE= .6731E-01 PERCENT ERROR= -.4

5-6	MANE	2.75	596.75	404.25	.88	5.00	595.48	405.00	.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1181E+03 EXCESS= .0000E+00 OUTFLOW= .1177E+03 BASIN STORAGE= .8170E+00 PERCENT ERROR= -.3

B2-6A	MANE	1.75	171.97	372.75	2.00	5.00	166.82	370.00	1.99
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1139E+02 EXCESS= .0000E+00 OUTFLOW= .1140E+02 BASIN STORAGE= .8066E-02 PERCENT ERROR= -.2

6-7	MANE	2.50	749.27	412.50	1.06	5.00	746.01	415.00	1.06
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1725E+03 EXCESS= .0000E+00 OUTFLOW= .1720E+03 BASIN STORAGE= .9010E+00 PERCENT ERROR= -.2

7-8	MANE	3.00	853.54	399.00	1.12	5.00	852.56	400.00	1.12
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1913E+03 EXCESS= .0000E+00 OUTFLOW= .1909E+03 BASIN STORAGE= .3375E+00 PERCENT ERROR= .0

C2-8A	MANE	1.25	102.81	373.75	.88	5.00	99.30	375.00	.87
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .7249E+01 EXCESS= .0000E+00 OUTFLOW= .7260E+01 BASIN STORAGE= .7438E-02 PERCENT ERROR= -.3

8A-8B	MANE	1.75	199.67	385.00	.95	5.00	199.67	385.00	.95
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1608E+02 EXCESS= .0000E+00 OUTFLOW= .1606E+02 BASIN STORAGE= .6720E-01 PERCENT ERROR= -.3

C4-8B	MANE	1.50	167.33	376.50	1.16	5.00	162.25	375.00	1.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1388E+02 EXCESS= .0000E+00 OUTFLOW= .1389E+02 BASIN STORAGE= .1266E-01 PERCENT ERROR= -.1

8C-8D	MANE	1.50	293.93	376.50	1.33	5.00	276.26	375.00	1.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .2048E+02 EXCESS= .0000E+00 OUTFLOW= .2051E+02 BASIN STORAGE= .3560E-01 PERCENT ERROR= -.4

8E-8G	MANE	2.50	785.46	385.00	1.36	5.00	785.46	385.00	1.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .7936E+02 EXCESS= .0000E+00 OUTFLOW= .7930E+02 BASIN STORAGE= .1526E+00 PERCENT ERROR= -.1

C5-8F	MANE	1.75	204.48	383.25	1.33	5.00	178.30	390.00	1.29
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1602E+02 EXCESS= .0000E+00 OUTFLOW= .1605E+02 BASIN STORAGE= .9360E-01 PERCENT ERROR= -.8

8G-8	MANE	2.75	1437.61	390.50	1.57	5.00	1436.61	390.00	1.57
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1615E+03 EXCESS= .0000E+00 OUTFLOW= .1614E+03 BASIN STORAGE= .3480E+00 PERCENT ERROR= -.1

B5-8H	MANE	1.75	191.03	379.75	2.35	5.00	190.04	380.00	2.33
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1338E+02 EXCESS= .0000E+00 OUTFLOW= .1341E+02 BASIN STORAGE= .2715E-01 PERCENT ERROR= -.4

8-9	MANE	2.75	2712.18	387.75	1.37	5.00	2707.71	390.00	1.37
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .4167E+03 EXCESS= .0000E+00 OUTFLOW= .4163E+03 BASIN STORAGE= .4485E+00 PERCENT ERROR= .0

C14-9A	MANE	1.75	143.04	372.75	1.77	5.00	139.29	370.00	1.77
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .9811E+01 EXCESS= .0000E+00 OUTFLOW= .9820E+01 BASIN STORAGE= .5639E-02 PERCENT ERROR= -.1

9A-9B	MANE	2.00	258.11	388.00	1.81	5.00	226.57	390.00	1.78
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1826E+02 EXCESS= .0000E+00 OUTFLOW= .1827E+02 BASIN STORAGE= .1445E+00 PERCENT ERROR= -.8

9-10	MANE	2.75	3484.52	388.01	1.48	5.00	3456.45	390.00	1.48
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .5242E+03 EXCESS= .0000E+00 OUTFLOW= .5239E+03 BASIN STORAGE= .2954E+00 PERCENT ERROR= .0

10-11	MANE	1.57	3601.73	391.45	1.50	5.00	3570.36	390.00	1.50
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .5518E+03 EXCESS= .0000E+00 OUTFLOW= .5516E+03 BASIN STORAGE= .3248E+00 PERCENT ERROR= .0

E1-11A	MANE	1.75	119.17	374.50	1.63	5.00	117.72	375.00	1.62
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .8062E+01 EXCESS= .0000E+00 OUTFLOW= .8073E+01 BASIN STORAGE= .8358E-02 PERCENT ERROR= -.2

11A11B	MANE	2.25	365.50	375.75	2.19	5.00	358.84	375.00	2.18
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .2790E+02 EXCESS= .0000E+00 OUTFLOW= .2791E+02 BASIN STORAGE= .4195E-01 PERCENT ERROR= -.2

E2-11C	MANE	3.75	208.78	375.00	3.00	5.00	208.78	375.00	3.02
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1440E+02 EXCESS= .0000E+00 OUTFLOW= .1442E+02 BASIN STORAGE= .1463E-01 PERCENT ERROR= -.3

11D11F	MANE	3.16	901.74	376.24	2.34	5.00	885.56	375.00	2.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .7613E+02 EXCESS= .0000E+00 OUTFLOW= .7613E+02 BASIN STORAGE= .4688E-01 PERCENT ERROR= -.1

E6-11E	MANE	2.00	46.15	386.00	1.66	5.00	44.45	390.00	1.68
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .3987E+01 EXCESS= .0000E+00 OUTFLOW= .3990E+01 BASIN STORAGE= .2186E-01 PERCENT ERROR= -.6

11F11P	MANE	4.75	1209.21	380.00	2.34	5.00	1209.21	380.00	2.34
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1119E+03 EXCESS= .0000E+00 OUTFLOW= .1119E+03 BASIN STORAGE= .1496E+00 PERCENT ERROR= -.1

11P-11	MANE	1.94	285.22	422.71	2.25	5.00	285.17	425.00	2.25
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1334E+03 EXCESS= .0000E+00 OUTFLOW= .1333E+03 BASIN STORAGE= .6675E-01 PERCENT ERROR= .0

C1611G	MANE	2.00	178.99	384.00	1.86	5.00	173.58	385.00	1.85
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1397E+02 EXCESS= .0000E+00 OUTFLOW= .1399E+02 BASIN STORAGE= .4412E-01 PERCENT ERROR= -.5

11-12	MANE	5.00	4069.22	400.00	1.62	5.00	4069.22	400.00	1.62
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .7216E+03 EXCESS= .0000E+00 OUTFLOW= .7208E+03 BASIN STORAGE= .1466E+01 PERCENT ERROR= -.1

G1-12A	MANE	1.75	323.76	371.00	2.29	5.00	321.89	370.00	2.30
CONTINUITY SUMMARY (AC-FT) - INFLOW= .2202E+02 EXCESS= .0000E+00 OUTFLOW= .2203E+02 BASIN STORAGE= .7188E-02 PERCENT ERROR= -.1									
G2-12B	MANE	1.75	155.73	367.50	1.79	5.00	150.55	370.00	1.79
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1022E+02 EXCESS= .0000E+00 OUTFLOW= .1023E+02 BASIN STORAGE= .1597E-02 PERCENT ERROR= -.1									
12B12C	MANE	1.87	966.25	369.67	2.25	5.00	966.11	370.00	2.25
CONTINUITY SUMMARY (AC-FT) - INFLOW= .7225E+02 EXCESS= .0000E+00 OUTFLOW= .7225E+02 BASIN STORAGE= .8304E-02 PERCENT ERROR= .0									
12CP12	MANE	2.85	1299.29	370.02	2.16	5.00	1298.82	370.00	2.16
CONTINUITY SUMMARY (AC-FT) - INFLOW= .9883E+02 EXCESS= .0000E+00 OUTFLOW= .9885E+02 BASIN STORAGE= .2350E-01 PERCENT ERROR= .0									
D3-12D	MANE	3.04	518.32	371.21	3.35	5.00	514.35	370.00	3.35
CONTINUITY SUMMARY (AC-FT) - INFLOW= .4255E+02 EXCESS= .0000E+00 OUTFLOW= .4255E+02 BASIN STORAGE= .8602E-02 PERCENT ERROR= .0									
12-13	MANE	5.00	5012.95	400.00	1.75	5.00	5012.95	400.00	1.75
CONTINUITY SUMMARY (AC-FT) - INFLOW= .9409E+03 EXCESS= .0000E+00 OUTFLOW= .9397E+03 BASIN STORAGE= .2685E+01 PERCENT ERROR= -.1									
60-13B	MANE	2.25	148.59	382.50	1.28	5.00	147.51	385.00	1.28
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1712E+02 EXCESS= .0000E+00 OUTFLOW= .1712E+02 BASIN STORAGE= .1658E-01 PERCENT ERROR= -.1									
42-13B	MANE	1.50	150.71	372.00	1.24	5.00	149.06	380.00	1.24
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1418E+02 EXCESS= .0000E+00 OUTFLOW= .1418E+02 BASIN STORAGE= .3415E-02 PERCENT ERROR= .0									
13BOAK	MANE	3.20	515.34	377.20	1.64	5.00	507.03	380.00	1.65
CONTINUITY SUMMARY (AC-FT) - INFLOW= .5306E+02 EXCESS= .0000E+00 OUTFLOW= .5306E+02 BASIN STORAGE= .2639E-01 PERCENT ERROR= .0									
OAK13C	MANE	2.21	583.23	377.77	1.68	5.00	576.70	380.00	1.68
CONTINUITY SUMMARY (AC-FT) - INFLOW= .6120E+02 EXCESS= .0000E+00 OUTFLOW= .6119E+02 BASIN STORAGE= .2485E-01 PERCENT ERROR= .0									
H2-13D	MANE	3.00	211.20	372.00	2.86	5.00	209.05	370.00	2.86
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1614E+02 EXCESS= .0000E+00 OUTFLOW= .1615E+02 BASIN STORAGE= .4956E-02 PERCENT ERROR= -.1									
13D13E	MANE	3.75	469.66	378.75	2.80	5.00	463.73	380.00	2.80
CONTINUITY SUMMARY (AC-FT) - INFLOW= .4103E+02 EXCESS= .0000E+00 OUTFLOW= .4104E+02 BASIN STORAGE= .3680E-01 PERCENT ERROR= -.1									
13F13G	MANE	1.50	395.61	367.50	2.24	5.00	382.78	365.00	2.24
CONTINUITY SUMMARY (AC-FT) - INFLOW= .2485E+02 EXCESS= .0000E+00 OUTFLOW= .2486E+02 BASIN STORAGE= .4147E-02 PERCENT ERROR= -.1									
13H13I	MANE	2.13	1917.86	372.00	2.06	5.00	1881.79	375.00	2.06
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1815E+03 EXCESS= .0000E+00 OUTFLOW= .1815E+03 BASIN STORAGE= .6089E-01 PERCENT ERROR= .0									
13I13J	MANE	3.20	2084.50	374.25	2.07	5.00	2075.79	375.00	2.07
CONTINUITY SUMMARY (AC-FT) - INFLOW= .2015E+03 EXCESS= .0000E+00 OUTFLOW= .2015E+03 BASIN STORAGE= .1278E+00 PERCENT ERROR= -.1									
13K13L	MANE	2.95	577.85	369.34	2.79	5.00	575.48	370.00	2.79
CONTINUITY SUMMARY (AC-FT) - INFLOW= .4570E+02 EXCESS= .0000E+00 OUTFLOW= .4570E+02 BASIN STORAGE= .6872E-02 PERCENT ERROR= .0									
13L13M	MANE	4.66	792.91	372.59	2.72	5.00	777.31	370.00	2.71

CONTINUITY SUMMARY (AC-FT) - INFLOW= .6299E+02 EXCESS= .0000E+00 OUTFLOW= .6302E+02 BASIN STORAGE= .2866E-01 PERCENT ERROR= -.1

13N13O	MANE	3.96	3365.53	376.31	2.21	5.00	3327.66	375.00	2.21
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .3144E+03 EXCESS= .0000E+00 OUTFLOW= .3144E+03 BASIN STORAGE= .2916E+00 PERCENT ERROR= -.1

13P13Q	MANE	2.75	532.09	374.00	2.45	5.00	531.79	375.00	2.45
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .4652E+02 EXCESS= .0000E+00 OUTFLOW= .4653E+02 BASIN STORAGE= .2883E-01 PERCENT ERROR= -.1

13Q13R	MANE	3.25	860.13	377.00	2.43	5.00	849.26	375.00	2.43
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .7784E+02 EXCESS= .0000E+00 OUTFLOW= .7784E+02 BASIN STORAGE= .5286E-01 PERCENT ERROR= -.1

J1-13S	MANE	1.75	317.23	372.75	2.16	5.00	310.44	375.00	2.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .2456E+02 EXCESS= .0000E+00 OUTFLOW= .2457E+02 BASIN STORAGE= .8796E-02 PERCENT ERROR= -.1

13-14	MANE	4.00	8696.95	388.39	1.91	5.00	8652.87	385.00	1.91
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1435E+04 EXCESS= .0000E+00 OUTFLOW= .1435E+04 BASIN STORAGE= .1611E+01 PERCENT ERROR= -.1

L1-14A	MANE	1.33	246.49	366.25	2.16	5.00	243.50	365.00	2.16
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1666E+02 EXCESS= .0000E+00 OUTFLOW= .1667E+02 BASIN STORAGE= .7471E-04 PERCENT ERROR= .0

O1-14B	MANE	1.75	216.32	367.50	2.35	5.00	210.14	365.00	2.36
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1418E+02 EXCESS= .0000E+00 OUTFLOW= .1419E+02 BASIN STORAGE= .1849E-03 PERCENT ERROR= .0

M1-14C	MANE	2.07	202.92	364.92	2.88	5.00	202.86	365.00	2.88
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1384E+02 EXCESS= .0000E+00 OUTFLOW= .1385E+02 BASIN STORAGE= .1233E-03 PERCENT ERROR= .0

14-15	MANE	1.82	9033.40	387.09	1.92	5.00	9017.98	385.00	1.92
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1529E+04 EXCESS= .0000E+00 OUTFLOW= .1529E+04 BASIN STORAGE= .1650E+01 PERCENT ERROR= -.1

15-16	MANE	2.65	9103.91	386.72	1.93	5.00	9055.67	385.00	1.92
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1553E+04 EXCESS= .0000E+00 OUTFLOW= .1552E+04 BASIN STORAGE= .2191E+01 PERCENT ERROR= -.1

M3-16	MANE	.76	190.11	375.50	2.18	5.00	189.37	375.00	2.18
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1859E+02 EXCESS= .0000E+00 OUTFLOW= .1859E+02 BASIN STORAGE= .6203E-03 PERCENT ERROR= .0

M4-16B	MANE	2.50	169.21	385.00	1.58	5.00	169.21	385.00	1.57
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1925E+02 EXCESS= .0000E+00 OUTFLOW= .1925E+02 BASIN STORAGE= .2410E-01 PERCENT ERROR= -.1

P2-16C	MANE	1.70	120.26	363.39	1.77	5.00	119.27	365.00	1.77
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .7930E+01 EXCESS= .0000E+00 OUTFLOW= .7932E+01 BASIN STORAGE= .7814E-04 PERCENT ERROR= .0

16-17	MANE	3.63	9549.21	388.34	1.92	5.00	9512.35	390.00	1.92
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1629E+04 EXCESS= .0000E+00 OUTFLOW= .1628E+04 BASIN STORAGE= .2741E+01 PERCENT ERROR= -.1

T2-17A	MANE	2.00	122.50	398.00	1.47	5.00	111.59	395.00	1.44
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .1244E+02 EXCESS= .0000E+00 OUTFLOW= .1243E+02 BASIN STORAGE= .1006E+00 PERCENT ERROR= -.7

17A-17	MANE	.85	159.65	396.30	1.52	5.00	158.32	395.00	1.52
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CONTINUITY SUMMARY (AC-FT) - INFLOW= .2240E+02 EXCESS= .0000E+00 OUTFLOW= .2240E+02 BASIN STORAGE= .5986E-02 PERCENT ERROR= .0

17-18	MANE	2.32	9772.19	388.97	1.92	5.00	9758.32	390.00	1.92
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1694E+04 EXCESS= .0000E+00 OUTFLOW= .1692E+04 BASIN STORAGE= .1883E+01 PERCENT ERROR= .0									
T4A18A	MANE	1.05	116.88	371.58	2.00	5.00	115.32	370.00	2.00
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1015E+02 EXCESS= .0000E+00 OUTFLOW= .1015E+02 BASIN STORAGE= .2102E-03 PERCENT ERROR= .0									
18-19	MANE	3.66	9909.99	394.86	1.92	5.00	9903.74	395.00	1.92
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1737E+04 EXCESS= .0000E+00 OUTFLOW= .1735E+04 BASIN STORAGE= .1734E+01 PERCENT ERROR= .0									
Q1-19A	MANE	1.49	195.66	361.99	2.19	5.00	189.53	360.00	2.19
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1190E+02 EXCESS= .0000E+00 OUTFLOW= .1190E+02 BASIN STORAGE= .6855E-04 PERCENT ERROR= .0									
19B19C	MANE	1.75	585.22	369.25	2.02	5.00	580.33	370.00	2.01
CONTINUITY SUMMARY (AC-FT) - INFLOW= .4095E+02 EXCESS= .0000E+00 OUTFLOW= .4096E+02 BASIN STORAGE= .5549E-02 PERCENT ERROR= .0									
19D19E	MANE	2.50	994.37	372.50	2.09	5.00	986.35	375.00	2.09
CONTINUITY SUMMARY (AC-FT) - INFLOW= .7378E+02 EXCESS= .0000E+00 OUTFLOW= .7381E+02 BASIN STORAGE= .4758E-01 PERCENT ERROR= -.1									
19E19F	MANE	1.78	1334.56	373.38	2.27	5.00	1329.36	375.00	2.27
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1057E+03 EXCESS= .0000E+00 OUTFLOW= .1057E+03 BASIN STORAGE= .4455E-01 PERCENT ERROR= .0									
T4B19G	MANE	2.25	142.41	369.00	2.61	5.00	139.24	370.00	2.61
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1043E+02 EXCESS= .0000E+00 OUTFLOW= .1043E+02 BASIN STORAGE= .2162E-03 PERCENT ERROR= .0									
19-20	MANE	2.55	10707.51	393.27	1.95	5.00	10701.55	395.00	1.95
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1911E+04 EXCESS= .0000E+00 OUTFLOW= .1910E+04 BASIN STORAGE= .1763E+01 PERCENT ERROR= .0									
20-21	MANE	1.53	10712.94	395.86	1.96	5.00	10710.91	395.00	1.96
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1929E+04 EXCESS= .0000E+00 OUTFLOW= .1928E+04 BASIN STORAGE= .9851E+00 PERCENT ERROR= .0									
*** NORMAL END OF HEC-1 ***									