

SECTION M1 - 41	DISTANCES		DRAINAGE		*N* VALUE BY SEGMENTS					
	DOWNSTREAM CHANNEL 400.	VALLEY 400.	UPSTREAM CHANNEL 1300.	VALLEY 1300.	AREA, SQ MI 9.81	NO. 1 0.090	NO. 2 0.055	NO. 3 0.090	NO. 4	NO. 5

ELEVATION	KD VALUES			END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT			
	CHANNEL	VALLEY	TOTAL		TOTAL	0-1 FOOT	1-3 FEET	3+ FEET
231.80	134500.6	185541.7	320042.4	3220.84	4.31	0.41	0.68	3.21
230.80	123778.7	162349.2	286128.0	2935.09	3.90	0.41	0.47	3.02
229.80	113056.9	139156.7	252213.6	2649.34	3.49	0.27	0.31	2.90
228.80	102776.1	118420.7	221196.9	2390.81	3.21	0.19	0.23	2.78
227.00	92832.3	98921.7	191754.0	2144.53	3.02	0.11	0.23	2.66
226.80	83228.5	80356.8	163585.4	1906.41	2.90	0.11	0.23	2.54
225.80	74208.8	64272.7	138481.5	1679.38	2.78	0.11	0.26	2.40
224.80	65524.8	49567.9	115092.7	1458.53	2.66	0.11	0.40	2.14
223.80	57278.0	36637.6	93915.6	1245.61	2.54	0.14	0.54	1.86
222.80	49461.9	25623.7	75085.6	1041.21	2.40	0.25	0.55	1.58
221.80	42087.6	17144.7	59232.3	848.12	2.14	0.28	0.54	1.31
220.80	35287.1	10923.7	46210.9	677.70	1.86	0.27	0.70	0.88
219.80	28924.9	6065.5	34990.4	523.89	1.58	0.27	0.98	0.32
218.80	23088.2	2891.2	25779.5	388.56	1.31	0.43	0.88	0.00
217.80	17791.5	766.1	18557.7	273.67	0.88	0.55	0.32	0.00
216.80	13064.0	127.5	13191.6	197.46	0.32	0.32	0.00	0.00
215.80	8956.1	0.0	8956.1	147.93	0.00	0.00	0.00	0.00
215.00	6968.8	0.0	6968.8	120.10	0.00	0.00	0.00	0.00
214.00	5101.6	0.0	5101.6	91.86	0.00	0.00	0.00	0.00
213.00	3489.4	0.0	3489.4	68.54	0.00	0.00	0.00	0.00
212.00	2218.4	0.0	2218.4	48.89	0.00	0.00	0.00	0.00
211.00	1192.7	0.0	1192.7	31.80	0.00	0.00	0.00	0.00
210.00	447.4	0.0	447.4	16.43	0.00	0.00	0.00	0.00
209.00	23.3	0.0	23.3	2.60	0.00	0.00	0.00	0.00
208.60	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
97.60	2.47	211.46	340.66	2.89	214.92	688.68	2.82	217.48
1098.52	2.26	219.52	1572.81	2.01	221.40	2099.45	1.89	223.14
2809.45	1.84	225.09	3450.52	1.85	226.61	4134.46	1.86	228.10
4858.92	1.90	229.45	5623.88	1.89	230.94	6422.25	1.87	232.49
7253.79	1.86	234.11						

CSM NO. 12 AND UP OVER EHI. ANSWERS WERE EXTRAPOLATED.

SECTION	DISTANCES				DRAINAGE AREA, SQ MI	N VALUE BY SEGMENTS					
	CHANNEL	VALLEY	CHANNEL	VALLEY		NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
M2	1300.	1300.	600.	600.	9.71	0.090	0.055	0.090			

ELEVATION	KD VALUES				END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT			
	CHANNEL	VALLEY	TOTAL			TOTAL	0-1 FOOT	1-3 FEET	3+ FEET
231.00	113592.4	66845.2	180437.6	1871.74	4.53	0.20	1.96	2.35	
230.00	102260.0	52977.5	155237.5	1627.53	4.32	0.20	2.21	1.90	
229.00	91220.8	40389.9	131610.7	1388.88	4.12	1.76	0.57	1.78	
228.00	80832.5	33113.6	113946.1	1179.31	2.35	0.45	0.25	1.65	
227.00	70939.9	26398.8	97338.8	1032.12	1.90	0.12	0.27	1.50	
226.00	61555.3	20408.5	81963.8	904.66	1.78	0.13	0.29	1.35	
225.00	52692.1	15229.8	67921.9	782.79	1.65	0.14	0.30	1.20	
224.00	44353.1	10862.6	55215.7	666.75	1.50	0.15	0.31	1.04	
223.00	36638.7	7350.9	43989.6	558.17	1.35	0.15	0.35	0.84	
222.00	29526.7	4548.5	34075.3	456.56	1.20	0.15	0.55	0.49	
221.00	23044.1	2428.7	25472.8	361.96	1.04	0.19	0.84	0.00	
220.00	17208.7	990.3	18199.0	275.03	0.84	0.35	0.49	0.00	
219.00	12196.0	313.9	12509.9	202.14	0.49	0.49	0.00	0.00	
218.00	7672.9	3.5	7676.4	138.90	0.00	0.00	0.00	0.00	
217.00	4952.9	0.0	4952.9	99.01	0.00	0.00	0.00	0.00	
216.00	3274.4	0.0	3274.4	68.99	0.00	0.00	0.00	0.00	
215.00	1846.6	0.0	1846.6	45.21	0.00	0.00	0.00	0.00	
214.00	781.8	0.0	781.8	24.93	0.00	0.00	0.00	0.00	
213.00	138.4	0.0	138.4	8.03	0.00	0.00	0.00	0.00	
212.20	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
96.89	2.13	215.01	338.18	2.56	217.84	683.66	2.69	219.73
1090.52	2.74	221.38	1561.35	2.80	222.99	2084.15	2.85	224.54
2788.98	2.94	226.34	3425.37	3.01	227.78	4104.33	2.85	229.20
4823.51	2.76	230.48	5582.91	2.69	231.82	6375.46	2.63	233.22
7200.93	2.58	234.68						

CSM NO. 11 AND UP OVER EMI. ANSWERS WERE EXTRAPOLATED.

SECTION	DOWNSTEAM		UPSTREAM		DRAINAGE AREA, SQ MI	*N* VALUE BY SEGMENTS					
	CHANNEL	VALLEY	CHANNEL	VALLEY		NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
M3	600.	600.	980.	980.	9.58	0.090	0.055	0.090			

ELEVATION	KD VALUES			END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT			
	CHANNEL	VALLEY	TOTAL		TOTAL	0-1 FOOT	1-3 FEET	3+ FEET
230.60	152888.8	116898.9	269787.8	2746.57	3.59	0.10	0.20	3.29
229.60	135236.7	98041.5	233278.3	2478.52	3.49	0.10	0.20	3.19
228.60	118202.4	80269.3	198471.7	2214.18	3.39	0.10	0.20	3.08
227.60	102006.7	63951.6	165958.3	1954.78	3.29	0.10	0.22	2.96
226.60	86742.6	49237.3	135980.0	1700.74	3.19	0.10	0.23	2.85
225.60	72437.2	36173.1	108610.4	1452.14	3.08	0.11	0.23	2.73
224.60	59250.8	25063.4	84314.2	1210.22	2.96	0.11	0.54	2.31
223.60	47137.9	15745.6	62883.5	974.64	2.85	0.11	1.01	1.72
222.60	36169.6	8357.2	44526.9	745.54	2.73	0.42	2.31	0.00
221.60	26397.7	3429.6	29827.3	528.79	2.31	0.58	1.72	0.00
220.60	17901.0	745.4	18646.5	342.24	1.72	1.72	0.00	0.00
219.60	11651.0	0.0	11651.0	211.34	0.00	0.00	0.00	0.00
219.00	11737.5	0.0	11737.5	180.41	0.00	0.00	0.00	0.00
218.00	8464.4	0.0	8464.4	140.32	0.00	0.00	0.00	0.00
217.00	5347.9	0.0	5347.9	103.34	0.00	0.00	0.00	0.00
216.00	2829.3	0.0	2829.3	68.30	0.00	0.00	0.00	0.00
215.00	1205.5	0.0	1205.5	35.98	0.00	0.00	0.00	0.00
214.00	377.2	0.0	377.2	15.11	0.00	0.00	0.00	0.00
213.00	26.6	0.0	26.6	2.31	0.00	0.00	0.00	0.00
212.50	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
95.96	1.49	215.88	334.94	2.09	218.51	677.11	1.99	220.59
1080.07	1.75	222.00	1546.38	1.63	223.47	2064.17	1.60	224.93
2762.25	1.60	226.68	3392.54	1.63	228.09	4064.99	1.66	229.47
4777.28	1.68	230.94	5529.39	1.70	232.48	6314.35	1.71	234.10
7131.91	1.72	235.78						

CSM NO. 10 AND UP OVER EHI. ANSWERS WERE EXTRAPOLATED.

-----DISTANCES-----												
DOWNSTREAM			UPSTREAM			DRAINAGE AREA, SQ MI	'N' VALUE BY SEGMENTS					
SECTION	CHANNEL	VALLEY	CHANNEL	VALLEY	NO. 1		NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	
M4	980.	980.	335.	335.	9.16	0.090	0.055	0.090				

-----KD VALUES-----					END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT				
ELEVATION	CHANNEL	VALLEY	TOTAL			TOTAL	0-1 FOOT	1-3 FEET	3+ FEET	
234.00	102291.1	309867.2	412158.3		4575.20	5.50	0.08	0.17	5.24	
233.00	91949.6	266838.6	358788.2		4169.53	5.41	0.08	0.18	5.14	
232.00	81920.0	225781.1	307701.1		3767.85	5.33	0.08	0.20	5.03	
231.00	72364.1	187737.0	260101.1		3372.17	5.24	0.09	0.21	4.93	
230.00	63264.5	152671.9	215936.4		2982.22	5.14	0.10	0.21	4.82	
229.00	54753.9	121484.5	176238.4		2600.60	5.03	0.10	0.21	4.71	
228.00	46731.3	93331.1	140062.4		2225.87	4.93	0.10	0.21	4.61	
227.00	39178.9	68107.2	107286.1		1857.58	4.82	0.10	0.25	4.46	
226.00	32187.8	46408.2	78596.1		1496.75	4.71	0.10	0.71	3.90	
225.00	25759.4	28317.1	54076.5		1143.08	4.61	0.14	2.97	1.49	
224.00	19919.4	14243.5	34163.0		797.08	4.46	0.56	3.90	0.00	
223.00	14660.2	4685.7	19345.9		466.91	3.90	2.40	1.49	0.00	
222.00	10208.0	668.5	10876.6		221.31	1.49	1.49	0.00	0.00	
221.00	7429.6	0.0	7429.6		125.70	0.00	0.00	0.00	0.00	
220.00	5313.6	0.0	5313.6		95.18	0.00	0.00	0.00	0.00	
219.00	3366.9	0.0	3366.9		68.77	0.00	0.00	0.00	0.00	
218.00	1773.5	0.0	1773.5		44.70	0.00	0.00	0.00	0.00	
217.00	652.7	0.0	652.7		23.06	0.00	0.00	0.00	0.00	
216.00	33.0	0.0	33.0		3.64	0.00	0.00	0.00	0.00	
215.60	0.0	0.0	0.0		0.00	0.00	0.00	0.00	0.00	

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
92.93	1.96	218.11	324.35	2.79	220.70	655.70	1.92	222.53
1045.91	1.62	223.55	1497.48	1.50	224.58	1998.90	1.43	225.72
2674.90	1.37	227.23	3285.26	1.35	228.52	3936.45	1.34	229.83
4626.21	1.33	231.24	5354.54	1.31	232.73	6114.67	1.30	234.29
6906.39	1.28	235.91						

CSM NO. 12 AND UP OVER EHI. ANSWERS WERE EXTRAPOLATED.

USE 2.0 F.F.S.R.

DISTANCES					DRAINAGE AREA, SQ MI	N ^o VALUE BY SEGMENTS					
SECTION	DOWNSTREAM CHANNEL	VALLEY	UPSTREAM CHANNEL	VALLEY		NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
M5	335.	335.	430.	430.	9.15	0.090	0.055	0.090			

ELEVATION	KD VALUES			END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT			
	CHANNEL	VALLEY	TOTAL		TOTAL	0-1 FOOT	1-3 FEET	3+ FEET
235.50	104231.7	349117.3	453349.1	5029.33	3.59	0.06	0.13	3.38
234.50	94476.6	301845.0	396321.6	4587.90	3.52	0.06	0.13	3.31
233.50	85032.7	257076.0	342108.8	4152.56	3.45	0.06	0.13	3.24
232.50	75883.7	214665.6	290549.3	3722.91	3.38	0.06	0.13	3.18
231.50	67162.9	175650.7	242813.6	3301.38	3.31	0.06	0.13	3.11
230.50	58903.3	140195.1	199098.5	2888.22	3.24	0.06	0.14	3.04
229.50	51119.7	108475.2	159595.0	2483.19	3.18	0.06	0.17	2.94
228.50	43772.5	80200.8	123973.3	2085.38	3.11	0.07	0.20	2.83
227.50	36849.8	55418.6	92268.5	1694.62	3.04	0.09	0.29	2.65
226.50	30433.6	34978.9	65412.6	1314.02	2.94	0.10	1.12	1.71
225.50	24519.7	18830.1	43349.8	945.54	2.83	0.18	2.49	0.15
224.50	19130.4	7360.3	26490.8	594.04	2.65	0.93	1.71	0.00
223.50	14366.0	1161.7	15527.7	287.39	1.71	1.56	0.15	0.00
222.50	10636.5	15.2	10651.8	159.81	0.15	0.15	0.00	0.00
221.50	7647.5	0.0	7647.5	123.74	0.00	0.00	0.00	0.00
221.00	6376.7	0.0	6376.7	108.51	0.00	0.00	0.00	0.00
220.00	4141.8	0.0	4141.8	79.94	0.00	0.00	0.00	0.00
219.00	2361.5	0.0	2361.5	54.21	0.00	0.00	0.00	0.00
218.00	1125.3	0.0	1125.3	32.09	0.00	0.00	0.00	0.00
217.00	342.8	0.0	342.8	14.10	0.00	0.00	0.00	0.00
216.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
92.85	1.88	218.78	324.09	2.70	221.37	655.18	3.03	223.24
1045.09	2.07	224.23	1496.31	1.83	225.14	1997.33	1.70	226.13
2672.80	1.57	227.50	3282.68	1.51	228.72	3933.36	1.46	229.99
4622.58	1.42	231.36	5350.34	1.38	232.83	6109.88	1.34	234.37
6900.97	1.31	235.98						

CSM NO. 13 OVER EHI. ANSWER WAS EXTRAPOLATED.

DISTANCES

SECTION	CHANNEL	DOWNSTREAM VALLEY	CHANNEL	UPSTREAM VALLEY	DRAINAGE AREA, SQ MI	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
M6	430.	430.	750.	750.	8.81	0.090	0.055	0.090			

KD VALUES

ELEVATION	CHANNEL	VALLEY	TOTAL
236.00	92256.2	392394.0	484650.1
235.00	83704.7	341060.6	424765.3
234.00	75451.8	292451.7	367903.5
233.00	67560.3	247141.4	314701.7
232.00	60016.6	205013.5	265030.1
231.00	52821.4	166087.9	218909.3
230.00	45982.6	130460.0	176442.6
229.00	39509.1	98240.9	137750.0
228.00	33468.4	70135.8	103604.2
227.00	27835.5	46009.5	73845.0
226.00	22625.5	26177.5	48803.1
225.00	17856.6	11123.1	28979.8
224.00	13680.0	3202.9	16883.0
223.00	10214.1	0.0	10214.1
222.00	7286.4	0.0	7286.4
221.00	4735.2	0.0	4735.2
220.00	2617.0	0.0	2617.0
219.00	1027.3	0.0	1027.3
218.00	171.6	0.0	171.6
217.00	0.0	0.0	0.0

END AREA SQ. FT.	ACRES FLOODED BY DEPTH	INCREMENT
5216.25	0.05	0.11
4788.81	0.05	0.11
4365.03	0.05	0.11
3945.56	0.05	0.11
3530.14	0.05	0.11
3118.71	0.05	0.11
2711.25	0.05	0.11
2307.77	0.05	0.11
1908.85	0.05	0.11
1514.07	0.05	1.40
1123.44	0.05	4.75
736.95	0.05	3.41
399.37	1.34	0.00
150.87	3.41	0.00
119.80	0.00	0.00
89.89	0.00	0.00
61.18	0.00	0.00
33.78	0.00	0.00
9.67	0.00	0.00
0.00	0.00	0.00

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
90.36	1.75	219.65	637.56	1.62	223.97
1016.99	1.47	224.87	1943.62	1.44	226.56
2600.93	1.41	227.81	3827.60	1.37	230.18
4498.28	1.35	231.51	5945.58	1.30	234.47
6715.40	1.28	236.05			

CSM NO. 13 OVER EHI. ANSWER WAS EXTRAPOLATED.

SECTION M6	DOWNSREAM		UPSTREAM		DRAINAGE AREA, SQ MI	*N* VALUE BY SEGMENTS						
	CHANNEL	VALLEY	CHANNEL	VALLEY		NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	
	430.	430.	750.	750.	8.81	0.090	0.055	0.090				

ELEVATION	DOWNSREAM		UPSTREAM		END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT						
	CHANNEL	VALLEY	CHANNEL	VALLEY		TOTAL	0-1 FOOT	1-3 FEET	3+ FEET			
236.00	92256.2	392394.0	484650.1	484650.1	5216.25	5.37	0.05	0.11	5.20			
235.00	83704.7	341060.6	424765.3	424765.3	4788.81	5.32	0.05	0.11	5.15			
234.00	75451.8	292451.7	367903.5	367903.5	4365.03	5.26	0.05	0.11	5.09			
233.00	67560.3	247141.4	314701.7	314701.7	3945.56	5.20	0.05	0.11	5.04			
232.00	60016.6	205013.5	265030.1	265030.1	3530.14	5.15	0.05	0.11	4.98			
231.00	52821.4	166087.9	218909.3	218909.3	3118.71	5.09	0.05	0.11	4.92			
230.00	45982.6	130460.0	176442.6	176442.6	2711.25	5.04	0.05	0.11	4.87			
229.00	39509.1	98240.9	137750.0	137750.0	2307.77	4.98	0.05	0.11	4.81			
228.00	33468.4	70135.8	103604.2	103604.2	1908.85	4.92	0.05	0.11	4.75			
227.00	27835.5	46009.5	73845.0	73845.0	1514.07	4.87	0.05	1.40	3.41			
226.00	22625.5	26177.5	48803.1	48803.1	1123.44	4.81	0.05	4.75	0.00			
225.00	17856.6	11123.1	28979.8	28979.8	736.95	4.75	1.34	3.41	0.00			
224.00	13680.0	3202.9	16883.0	16883.0	399.37	3.41	3.41	0.00	0.00			
223.00	10214.1	0.0	10214.1	10214.1	150.87	0.00	0.00	0.00	0.00			
222.00	7286.4	0.0	7286.4	7286.4	119.80	0.00	0.00	0.00	0.00			
221.00	4735.2	0.0	4735.2	4735.2	89.89	0.00	0.00	0.00	0.00			
220.00	2617.0	0.0	2617.0	2617.0	61.18	0.00	0.00	0.00	0.00			
219.00	1027.3	0.0	1027.3	1027.3	33.78	0.00	0.00	0.00	0.00			
218.00	171.6	0.0	171.6	171.6	9.67	0.00	0.00	0.00	0.00			
217.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00			

ELEV.	DOWNSREAM		UPSTREAM		CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
	CHANNEL	VALLEY	CHANNEL	VALLEY						
90.36	90.36	1.75	219.65	219.65	315.38	2.55	222.12	637.56	1.62	223.97
1016.99	1016.99	1.47	224.87	224.87	1456.07	1.48	225.67	1943.62	1.44	226.56
2600.93	2600.93	1.41	227.81	227.81	3194.41	1.39	228.96	3827.60	1.37	230.18
4498.28	4498.28	1.35	231.51	231.51	5206.47	1.32	232.95	5945.58	1.30	234.47
6715.40	6715.40	1.28	236.05	236.05						

CSM NO. 13 OVER EHI. ANSWER HAS EXTRAPOLATED.

SECTION	DISTANCES				DRAINAGE AREA, SQ MI	*N* VALUE BY SEGMENTS					
	DOWNSTREAM CHANNEL	DOWNSTREAM VALLEY	UPSTREAM CHANNEL	UPSTREAM VALLEY		NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
MT	750.	750.	450.	450.	8.79	0.090	0.055	0.090			

ELEVATION	KD VALUES			END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT			
	CHANNEL	VALLEY	TOTAL		TOTAL	0-1 FOOT	1-3 FEET	3+ FEET
240.60	85408.8	199428.5	284837.3	3054.45	3.25	0.09	0.19	2.96
239.60	78105.0	173851.6	251956.6	2796.18	3.15	0.09	0.19	2.87
238.60	71034.1	149800.1	220834.3	2543.84	3.06	0.09	0.19	2.77
237.60	64183.8	127158.6	191342.5	2297.01	2.96	0.09	0.19	2.68
236.60	57568.5	106004.5	163573.0	2055.99	2.87	0.09	0.19	2.58
235.60	51314.3	87072.5	138386.9	1823.71	2.77	0.09	0.19	2.48
234.60	45329.3	69747.3	115076.6	1597.74	2.68	0.09	0.18	2.39
233.60	39642.8	54179.7	93822.5	1378.62	2.58	0.09	0.20	2.28
232.60	34253.3	40331.7	74585.0	1166.15	2.48	0.09	0.26	2.13
231.60	29168.6	28238.1	57406.7	960.28	2.39	0.10	0.50	1.78
230.60	24438.3	18274.1	42712.4	761.60	2.28	0.15	1.00	1.12
229.60	20046.1	10645.0	30691.2	573.02	2.13	0.35	0.83	0.94
228.60	16012.3	5274.1	21286.5	399.69	1.78	0.65	1.12	0.00
227.60	12526.5	2058.8	14585.4	269.56	1.12	0.18	0.94	0.00
226.60	9600.2	326.5	9926.7	167.96	0.94	0.94	0.00	0.00
225.60	7098.3	0.4	7098.8	113.47	0.00	0.00	0.00	0.00
225.00	5830.9	0.0	5830.9	98.62	0.00	0.00	0.00	0.00
224.00	3952.9	0.0	3952.9	75.26	0.00	0.00	0.00	0.00
223.00	2420.3	0.0	2420.3	53.51	0.00	0.00	0.00	0.00
222.00	1348.6	0.0	1348.6	34.56	0.00	0.00	0.00	0.00
221.00	661.9	0.0	661.9	19.95	0.00	0.00	0.00	0.00
220.00	224.5	0.0	224.5	9.18	0.00	0.00	0.00	0.00
219.00	12.5	0.0	12.5	1.17	0.00	0.00	0.00	0.00
218.50	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
90.21	2.36	222.21	314.86	3.42	224.71	636.52	3.61	226.68
1015.32	3.45	227.80	1453.69	3.47	228.71	1940.44	3.45	229.54
2596.67	3.46	230.54	3189.18	3.47	231.39	3821.33	3.46	232.30
4490.91	3.41	233.31	5197.94	3.32	234.44	5935.85	3.22	235.68
6704.40	3.10	237.02						

MSP-1130, REV. 06/72 MINE CREEK

RUN DATE-5-27-75

PAGE 9

SECTION M8
 DCHNSTREAM CHANNEL 450.
 VALLEY 450.
 DISTANCES
 CHANNEL 660.
 VALLEY 660.
 UPSTREAM VALLEY 660.
 DRAINAGE AREA, SQ MI 8.60

'N' VALUE BY SEGMENTS
 NO. 1 NO. 2 NO. 3 NO. 4 NO. 5 NO. 6
 0.090 0.055 0.090 0.090 0.090 0.090

ELEVATION	DCHNSTREAM		UPSTREAM		END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT			
	CHANNEL	VALLEY	CHANNEL	VALLEY		TOTAL	0-1 FOOT	1-3 FEET	3+ FEET
241.80	130745.1	669092.2	799837.3	799837.3	8580.20	7.92	0.04	0.08	7.80
247.80	118957.6	586684.8	705642.3	705642.3	7912.63	7.88	0.04	0.08	7.75
239.80	107510.1	507709.5	615219.7	615219.7	7247.49	7.84	0.04	0.11	7.68
238.80	96418.3	432343.1	528761.5	528761.5	6584.84	7.80	0.04	0.27	7.48
237.80	85732.5	361102.8	446835.3	446835.3	5925.02	7.75	0.07	0.42	7.26
236.80	75694.4	296993.8	372688.1	372688.1	5269.83	7.68	0.19	0.43	7.04
235.80	66150.1	240227.7	306377.8	306377.8	4627.15	7.48	0.22	0.39	6.86
234.80	57112.2	189654.9	246767.1	246767.1	4000.47	7.26	0.21	0.26	6.78
233.80	48594.5	145106.9	193701.4	193701.4	3390.48	7.04	0.18	0.26	6.59
232.80	40600.5	106161.1	146761.6	146761.6	2795.19	6.86	0.07	0.83	5.94
231.80	33231.4	72244.2	105475.6	105475.6	2211.57	6.78	0.19	2.56	4.03
230.80	26497.8	45230.6	71728.5	71728.5	1636.69	6.59	0.64	5.94	0.00
229.80	20586.3	26166.7	46753.0	46753.0	1089.56	5.94	1.91	4.03	0.00
228.80	15620.5	15.21.1	31541.6	31541.6	656.01	4.03	4.03	0.00	0.00
227.80	11313.5	12112.2	23425.8	23425.8	409.34	0.00	0.00	0.00	0.00
227.00	9015.2	10727.6	19742.9	19742.9	359.76	0.00	0.00	0.00	0.00
226.00	6349.6	9124.5	15474.2	15474.2	302.49	0.00	0.00	0.00	0.00
225.00	4106.1	7679.9	11786.0	11786.0	250.12	0.00	0.00	0.00	0.00
224.00	2341.9	6384.2	8726.1	8726.1	202.42	0.00	0.00	0.00	0.00
223.00	1064.4	5239.4	6303.9	6303.9	159.68	0.00	0.00	0.00	0.00
222.00	264.2	4234.9	4499.2	4499.2	121.80	0.00	0.00	0.00	0.00
221.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
88.79	0.64	222.42	309.93	1.20	225.16	626.55	1.67	227.25
999.43	1.73	228.48	1430.92	1.57	229.42	1910.06	1.46	230.22
2556.01	1.39	231.13	3139.24	1.37	231.92	3761.49	1.35	232.76
4420.59	1.32	233.71	5116.55	1.28	234.78	5842.90	1.23	235.97
6599.42	1.18	237.27						

DISTANCES						'N' VALUE BY SEGMENTS					
SECTION	DOWNSTREAM CHANNEL	VALLEY	UPSTREAM CHANNEL	VALLEY	DRAINAGE AREA, SQ MI	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
M9	660.	660.	1000.	1000.	8.60	0.090	0.055	0.090			

KD VALUES					END AREA	ACRES FLOODED BY DEPTH INCREMENT				
ELEVATION	CHANNEL	VALLEY	TOTAL	SQ. FT.	TOTAL	0-1 FOOT	1-3 FEET	3+ FEET		
235.60	49274.7	64124.2	113399.0	1979.66	6.57	0.11	0.22	6.23		
234.60	40506.8	44011.7	84518.5	1586.17	6.46	0.11	1.94	4.40		
233.60	32057.7	25574.1	57631.8	1195.06	6.34	0.11	6.23	0.00		
232.60	24422.1	11562.8	35985.0	809.90	6.23	1.82	4.40	0.00		
231.60	18125.0	3508.5	21633.6	475.61	4.40	4.40	0.00	0.00		
230.60	13080.2	83.3	13163.6	212.23	0.00	0.00	0.00	0.00		
230.00	11128.4	0.0	11128.4	174.29	0.00	0.00	0.00	0.00		
229.00	8096.3	0.0	8096.3	135.88	0.00	0.00	0.00	0.00		
228.00	5617.9	0.0	5617.9	102.75	0.00	0.00	0.00	0.00		
227.00	3576.6	0.0	3576.6	73.91	0.00	0.00	0.00	0.00		
226.00	2036.9	0.0	2036.9	49.25	0.00	0.00	0.00	0.00		
225.00	944.6	0.0	944.6	28.66	0.00	0.00	0.00	0.00		
224.00	430.5	0.0	430.5	14.50	0.00	0.00	0.00	0.00		
223.00	99.2	0.0	99.2	5.30	0.00	0.00	0.00	0.00		
222.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00		

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
88.79	2.47	225.37	309.93	3.34	227.68	626.55	3.91	229.64
999.43	3.33	230.93	1430.92	2.69	231.81	1910.06	2.58	232.41
2556.01	2.54	233.11	3139.24	2.56	233.68	3761.49	2.55	234.30
4420.59	2.55	234.96	5116.55	2.55	235.66	5842.90	2.55	236.30
6599.42	2.54	237.15						

CSM NO. 10 AND UP OVER EHI. ANSWERS WERE EXTRAPOLATED.

SECTION MIO	DOWNSTEAM		UPSTREAM		DRAINAGE AREA, SQ MI	"N" VALUE BY SEGMENTS					
	CHANNEL 1000.	VALLEY 1000.	CHANNEL 375.	VALLEY 375.		NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
					8.60	0.090	0.055	0.090			

ELEVATION	KD VALUES			END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT			
	CHANNEL	VALLEY	TOTAL		TOTAL	0-1 FOOT	1-3 FEET	3+ FEET
245.30	97898.4	575019.6	672918.0	9594.75	18.35	0.61	1.34	16.40
244.30	88260.2	469658.8	557919.0	8415.61	17.74	0.61	1.55	15.58
243.30	78992.9	373559.1	452552.0	7271.61	17.13	0.72	1.70	14.69
242.30	70109.9	288155.0	358264.9	6166.02	16.40	0.82	1.78	13.79
241.30	61652.8	214058.6	275711.4	5109.32	15.58	0.88	1.75	12.94
240.30	53619.0	150600.6	204219.6	4106.72	14.69	0.90	2.53	11.26
239.30	46019.1	97455.7	143474.9	3160.52	13.79	0.85	4.63	8.30
238.30	38922.9	54923.0	93845.9	2267.22	12.94	1.67	7.02	4.24
237.30	32306.3	25265.7	57572.0	1454.97	11.26	2.96	7.92	0.38
236.30	26196.7	8564.6	34761.4	804.65	8.30	4.05	4.24	0.00
235.30	20611.2	1221.1	21832.4	365.56	4.24	3.86	0.38	0.00
234.30	15902.5	57.6	15960.2	220.46	0.38	0.38	0.00	0.00
233.30	12119.5	0.0	12119.5	175.66	0.00	0.00	0.00	0.00
233.00	11129.6	0.0	11129.6	165.14	0.00	0.00	0.00	0.00
232.00	8045.6	0.0	8045.6	131.21	0.00	0.00	0.00	0.00
231.00	5408.6	0.0	5408.6	99.61	0.00	0.00	0.00	0.00
230.00	3536.0	0.0	3536.0	71.02	0.00	0.00	0.00	0.00
229.00	2097.3	0.0	2097.3	48.15	0.00	0.00	0.00	0.00
228.00	938.6	0.0	938.6	28.05	0.00	0.00	0.00	0.00
227.00	186.5	0.0	186.5	10.00	0.00	0.00	0.00	0.00
226.20	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
88.79	2.23	228.59	309.93	3.11	231.00	626.55	3.04	232.94
999.43	4.24	234.43	1430.92	3.36	235.44	1910.06	2.73	236.10
2556.01	2.45	236.68	3139.24	2.32	237.16	3761.49	2.27	237.55
4420.59	2.21	237.97	5116.55	2.17	238.39	5842.90	2.14	238.81
6599.42	2.06	239.30						

DISTANCES					DRAINAGE AREA, SQ MI	*N* VALUE BY SEGMENTS					
SECTION	DOWNSTREAM		UPSTREAM			NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
M11	CHANNEL	VALLEY	CHANNEL	VALLEY	8.45	0.090	0.055	0.090			
	375.	375.	310.	310.							

ELEVATION	KD VALUES			END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT				
	CHANNEL	VALLEY	TOTAL		TOTAL	0-1 FOOT	1-3 FEET	3+ FEET	
243.60	67882.7	97971.7	165854.4	2587.11	3.23	0.07	0.44	2.71	
242.60	58691.3	70139.9	128831.2	2134.64	3.16	0.11	0.62	2.42	
241.60	49817.9	45218.0	95036.0	1687.61	3.04	0.33	1.22	1.48	
240.60	41645.5	28554.7	70200.2	1277.80	2.71	0.28	1.60	0.81	
239.60	34059.2	15908.0	49967.3	906.81	2.42	0.94	1.02	0.46	
238.60	27042.1	7514.1	34556.3	598.19	1.48	0.66	0.81	0.00	
237.60	21222.4	3036.7	24259.2	400.54	0.81	0.35	0.46	0.00	
236.60	16802.5	1070.7	17873.2	280.59	0.46	0.46	0.00	0.00	
235.60	12908.7	0.8	12909.5	178.71	0.00	0.00	0.00	0.00	
235.00	11095.7	0.0	11095.7	157.99	0.00	0.00	0.00	0.00	
234.00	8251.2	0.0	8251.2	126.66	0.00	0.00	0.00	0.00	
233.00	5808.5	0.0	5808.5	98.14	0.00	0.00	0.00	0.00	
232.00	3795.2	0.0	3795.2	72.39	0.00	0.00	0.00	0.00	
231.00	2273.8	0.0	2273.8	49.94	0.00	0.00	0.00	0.00	
230.00	1167.4	0.0	1167.4	30.84	0.00	0.00	0.00	0.00	
229.00	428.7	0.0	428.7	15.25	0.00	0.00	0.00	0.00	
228.00	49.1	0.0	49.1	3.43	0.00	0.00	0.00	0.00	
227.20	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
87.67	2.57	230.19	306.01	3.60	232.50	618.62	4.40	234.46
986.78	4.44	236.02	1412.82	4.23	237.12	1885.89	4.31	237.85
2523.67	4.30	238.55	3099.53	4.21	239.10	3713.90	4.20	239.53
4364.66	4.19	239.97	5051.82	4.20	240.41	5768.98	4.23	240.80
6515.93	4.23	241.24						

SECTION	DCWNSTREAM		UPSTREAM		DRAINAGE AREA, SQ MI	*N* VALUE BY SEGMENTS												
	CHANNEL	VALLEY	CHANNEL	VALLEY		NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6							
M12	310.	310.	210.	210.	8.30	0.090	0.055	0.090										
---DISTANCES---																		
---KD VALUES---																		
ELEVATION	CHANNEL	VALLEY	CHANNEL	VALLEY	TOTAL	END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT											
							TOTAL	0-1 FOOT	1-3 FEET	3+ FEET								
251.00	175997.3	105402.5	105402.5	105402.5	281399.8	2917.22	1.77	0.16	0.30	1.30								
250.00	159586.8	85752.1	85752.1	85752.1	245338.9	2578.06	1.61	0.17	0.32	1.11								
249.00	143662.8	68506.1	68506.1	68506.1	212169.0	2259.60	1.43	0.13	0.36	0.94								
248.00	128486.9	53239.2	53239.2	53239.2	181726.2	1968.38	1.30	0.19	0.27	0.83								
247.00	114082.8	42727.8	42727.8	42727.8	156810.7	1710.29	1.11	0.16	0.20	0.74								
246.00	100271.3	33566.9	33566.9	33566.9	133838.2	1475.62	0.94	0.10	0.19	0.64								
245.00	87059.0	24648.0	24648.0	24648.0	111707.0	1263.68	0.83	0.09	0.19	0.54								
244.00	74808.7	17564.6	17564.6	17564.6	92373.3	1073.13	0.74	0.09	0.19	0.44								
243.00	63297.1	11850.2	11850.2	11850.2	75147.4	898.31	0.64	0.09	0.19	0.34								
242.00	52547.8	7393.4	7393.4	7393.4	59941.2	739.24	0.54	0.09	0.22	0.22								
241.00	42587.4	4079.5	4079.5	4079.5	46667.0	595.92	0.44	0.09	0.34	0.00								
240.00	33428.0	1775.2	1775.2	1775.2	35203.3	468.01	0.34	0.12	0.22	0.00								
239.00	25499.2	504.4	504.4	504.4	26003.7	359.07	0.22	0.22	0.00	0.00								
238.00	19371.9	0.0	0.0	0.0	19371.9	268.33	0.00	0.00	0.00	0.00								
237.00	14849.5	0.0	0.0	0.0	14849.5	217.72	0.00	0.00	0.00	0.00								
236.00	11032.3	0.0	0.0	0.0	11032.3	172.76	0.00	0.00	0.00	0.00								
235.00	7695.0	0.0	0.0	0.0	7695.0	123.17	0.00	0.00	0.00	0.00								
234.00	5133.7	0.0	0.0	0.0	5133.7	97.47	0.00	0.00	0.00	0.00								
233.00	3590.9	0.0	0.0	0.0	3590.9	70.27	0.00	0.00	0.00	0.00								
232.00	2292.8	0.0	0.0	0.0	2292.8	49.45	0.00	0.00	0.00	0.00								
231.00	1261.6	0.0	0.0	0.0	1261.6	32.14	0.00	0.00	0.00	0.00								
230.00	507.0	0.0	0.0	0.0	507.0	17.21	0.00	0.00	0.00	0.00								
229.00	64.6	0.0	0.0	0.0	64.6	4.57	0.00	0.00	0.00	0.00								
228.20	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00								

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
86.54	2.39	231.25	302.06	3.32	233.81	610.64	3.80	235.70
574.05	4.26	237.23	1394.59	4.65	238.35	1861.56	4.93	239.20
2491.11	5.36	239.97	3059.54	5.68	240.56	3665.99	6.04	241.08
4308.36	6.36	241.58	4986.65	6.64	242.07	5694.55	6.94	242.53
6431.87	7.16	243.00						

-----DISTANCES-----					DRAINAGE AREA, SQ MI	*N* VALUE BY SEGMENTS					
SECTION	DOWNSTREAM CHANNEL	VALLEY	UPSTREAM CHANNEL	VALLEY		NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
M13	210.	210.	1.	1.	8.15	0.090	0.055	0.090			

ELEVATION	-----KD VALUES-----			TOTAL	END AREA SQ. FT.	ACRES FLOODED BY DEPTH INCREMENT			
	CHANNEL	VALLEY				TOTAL	0-1 FOOT	1-3 FEET	3+ FEET
251.00	110030.4	91276.0		201306.5	2064.85	0.44	0.02	0.04	0.36
250.00	100405.9	76191.2		176597.2	1853.77	0.41	0.02	0.04	0.34
249.00	91087.2	62403.3		153490.5	1651.07	0.39	0.02	0.05	0.31
248.00	82077.1	49892.8		131970.0	1456.76	0.36	0.02	0.07	0.27
247.00	73486.5	39033.3		112519.8	1273.62	0.34	0.02	0.09	0.22
246.00	65296.9	29831.8		95128.8	1101.07	0.31	0.04	0.07	0.19
245.00	57493.9	22667.6		80161.6	942.50	0.27	0.04	0.04	0.18
244.00	50078.7	17035.3		67114.1	801.46	0.22	0.02	0.03	0.16
243.00	43061.3	12201.1		55262.4	677.76	0.19	0.01	0.02	0.15
242.00	36452.0	7860.8		44312.8	563.63	0.18	0.01	0.02	0.13
241.00	30328.3	4391.2		34719.5	456.06	0.16	0.01	0.15	0.00
240.00	24663.4	1838.9		26502.3	354.37	0.15	0.01	0.13	0.00
239.00	19476.9	296.7		19773.7	258.75	0.13	0.13	0.00	0.00
238.00	14792.1	0.0		14792.1	195.00	0.00	0.00	0.00	0.00
237.00	11527.8	0.0		11527.8	161.67	0.00	0.00	0.00	0.00
236.00	8726.4	0.0		8726.4	131.23	0.00	0.00	0.00	0.00
235.00	6343.0	0.0		6343.0	103.66	0.00	0.00	0.00	0.00
234.00	4284.5	0.0		4284.5	78.57	0.00	0.00	0.00	0.00
233.00	2578.1	0.0		2578.1	55.50	0.00	0.00	0.00	0.00
232.00	1241.0	0.0		1241.0	34.25	0.00	0.00	0.00	0.00
231.00	340.2	0.0		340.2	14.60	0.00	0.00	0.00	0.00
230.00	0.0	0.0		0.0	0.00	0.00	0.00	0.00	0.00

CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.	CFS	VELOCITY	ELEV.
85.40	2.36	232.09	298.09	3.29	234.49	602.61	4.18	236.44
961.23	4.90	238.02	1376.24	4.95	239.20	1837.06	5.00	240.13
2458.34	5.37	241.01	3019.28	5.70	241.68	3617.75	6.05	242.29
4251.67	6.40	242.88	4921.03	6.72	243.45	5619.62	7.02	243.99
6347.24	7.28	244.53						