

WOOD

CREEK

# Soco Creek

MILE	2-yr FLOOD	10-yr FLOOD	50-yr FLOOD	100-yr FLOOD	500-yr FLOOD
0.00	2,000 ✓	4,100 ✓	6,600 ✓	7,900 ✓	11,000 ✓
0.08	1,991	4,091	6,591	7,891	10,991
0.18	1,979	4,079	6,579	7,879	10,979
0.23	1,973	4,073	6,573	7,873	10,973
0.37	1,957	4,057	6,557	7,857	10,957
0.43	1,950	4,050	6,550	7,850	10,950
0.54	1,937	4,037	6,537	7,837	10,937
0.86	1,900 ✓	4,000 ✓	6,500 ✓	7,800 ✓	10,900 ✓
0.87	1,800 ✓	3,700 ✓	6,000 ✓	7,200 ✓	10,100 ✓
0.97	1,795	3,695	5,991	7,191	10,086
1.15	1,787	3,687	5,974	7,174	10,062
1.40	1,776	3,676	5,952	7,152	10,027
1.75	1,760	3,660	5,920	7,120	9,979
1.96	1,750	3,650	5,900	7,100	9,951
2.35	1,732	3,632	5,865	7,065	9,897
2.50	1,726	3,626	5,851	7,051	9,877
2.76	1,714	3,614	5,827	7,027	9,841
2.97	1,704	3,604	5,808	7,008	9,812
3.06	1,700 ✓	3,600 ✓	5,800 ✓	7,000 ✓	9,800 ✓
3.06	1,400 ✓	2,900 ✓	4,800 ✓	5,800 ✓	8,200 ✓
3.29	1,387	2,874	4,755	5,749	8,130
3.93	1,352	2,803	4,630	5,606	7,933
4.33	1,329	2,758	4,552	5,517	7,811
4.92	1,296	2,693	4,437	5,386	7,636
5.03	1,290	2,681	4,416	5,361	7,596
5.40	1,270	2,639	4,344	5,279	7,483
5.92	1,241	2,581	4,242	5,163	7,324
6.12	1,230	2,559	4,203	5,118	7,262
6.43	1,212	2,525	4,143	5,049	7,167
6.65	1,200 ✓	2,500 ✓	4,100 ✓	5,000 ✓	7,100 ✓

THE INTERPOLATED NUMBERS SHOULD BE REVIEWED AND ROUNDED BEFORE USE

SOCO CREEK

CHEROKEE, N. C.

500-YEAR FLOOD		100-YEAR FLOOD		50-YEAR FLOOD		10-YEAR FLOOD	
0	ELEV	0	ELEV	0	ELEV	0	ELEV
0.0	11000.	1915.1	7900.	1913.8	6600.	1913.2	4100.
0.180	11000.	1916.7	7900.	1915.5	6600.	1914.9	4100.
0.180	11000.	1921.7	7900.	1918.8	6600.	1917.4	4100.
0.230	11000.	1922.1	7900.	1919.4	6600.	1918.2	4100.
0.290	11000.	1923.5	7900.	1920.8	6600.	1919.5	4100.
0.290	11000.	1924.4	7900.	1922.3	6600.	1921.4	4100.
0.370	10960.	1926.3	7860.	1924.3	6560.	1923.4	4060.
0.430	10960.	1927.4	7860.	1925.7	6560.	1924.9	4060.
0.450	10960.	1927.5	7860.	1926.1	6560.	1925.4	4060.
0.540	10940.	1933.9	7840.	1931.3	6540.	1930.1	4040.
0.610	10940.	1935.9	7840.	1933.2	6540.	1932.0	4040.
0.610	10940.	1937.2	7840.	1935.2	6540.	1934.0	4040.
0.660	10940.	1937.8	7840.	1935.8	6540.	1934.7	4040.
0.840	10940.	1940.9	7840.	1939.2	6540.	1938.4	4040.
0.840	10940.	1943.7	7840.	1940.6	6540.	1939.3	4040.
0.970	10090.	1947.2	7190.	1945.9	5990.	1943.8	3700.
1.130	10090.	1954.3	7190.	1953.1	5990.	1952.8	3700.
1.230	10090.	1959.4	7190.	1958.0	5990.	1957.3	3700.
1.400	10090.	1969.4	7190.	1967.8	5990.	1967.1	3700.
1.400	10090.	1972.2	7190.	1970.1	5990.	1969.2	3700.
1.570	10090.	1977.3	7190.	1975.5	5990.	1974.7	3700.
1.750	10090.	1984.7	7190.	1983.1	5990.	1982.4	3700.
1.840	10090.	1986.1	7190.	1984.7	5990.	1984.1	3700.
1.840	10090.	1991.8	7190.	1989.1	5990.	1987.6	3700.
1.960	9950.	1996.1	7100.	1993.8	5900.	1992.8	3650.
2.090	9950.	2000.0	7100.	1996.9	5900.	1996.1	3650.

2.090	9950.	2000.8	7100.	1999.7	5900.	1998.1	3650.	1996.7
2.200	9950.	2005.8	7100.	2002.8	5900.	2002.0	3650.	1999.8
2.350	9900.	2014.1	7060.	2013.4	5860.	2013.0	3630.	2010.7
2.500	9900.	2022.3	7060.	2020.8	5860.	2020.2	3630.	2019.3
2.620	9900.	2020.3	7060.	2028.0	5860.	2027.1	3630.	2024.5
2.760	9840.	2036.5	7030.	2034.8	5830.	2033.9	3610.	2031.4
2.970	9840.	2045.9	7030.	2044.4	5830.	2043.6	3610.	2041.9
3.030	9840.	2049.8	7030.	2048.5	5830.	2047.7	3610.	2046.4
3.290	8130.	2066.0	5750.	2064.9	4760.	2064.3	2870.	2062.3
3.290	8130.	2068.0	5750.	2067.2	4760.	2066.6	2870.	2062.9
3.460	8130.	2074.8	5750.	2073.3	4760.	2072.5	2870.	2070.5
3.600	8130.	2087.4	5750.	2084.8	4760.	2083.8	2870.	2081.8
3.690	8130.	2093.5	5750.	2091.9	4760.	2091.0	2870.	2088.4
3.770	8130.	2097.3	5750.	2095.5	4760.	2094.6	2870.	2092.4
3.920	7930.	2104.5	5610.	2102.4	4630.	2101.3	2800.	2098.5
4.030	7930.	2111.3	5610.	2109.7	4630.	2108.9	2800.	2107.2
4.120	7930.	2120.6	5610.	2119.7	4630.	2119.3	2800.	2118.1
4.120	7930.	2122.7	5610.	2121.7	4630.	2121.0	2800.	2119.6
4.250	7930.	2127.9	5610.	2127.1	4630.	2126.7	2800.	2126.0
4.330	7810.	2132.8	5520.	2131.9	4550.	2131.5	2760.	2130.4
4.450	7810.	2141.0	5520.	2137.9	4550.	2137.3	2760.	2135.8
4.450	7810.	2143.2	5520.	2142.0	4550.	2141.3	2760.	2138.4
4.610	7810.	2147.2	5520.	2145.6	4550.	2144.8	2760.	2142.6
4.720	7810.	2152.1	5520.	2150.1	4550.	2149.0	2760.	2146.7
4.890	7810.	2165.6	5520.	2163.6	4550.	2162.6	2760.	2160.4
5.030	7600.	2189.9	5360.	2188.8	4420.	2188.5	2680.	2186.3
5.260	7600.	2207.1	5360.	2206.0	4420.	2205.2	2680.	2203.8
5.400	7480.	2218.7	5280.	2217.5	4340.	2217.0	2640.	2215.5
5.540	7480.	2226.6	5280.	2225.8	4340.	2225.4	2640.	2224.1
5.670	7480.	2234.6	5280.	2234.0	4340.	2233.8	2640.	2232.8

6.120	7320.	2251.0	5160.	2250.6	4240.	2250.1	2580.	2249.4
6.070	7320.	2262.1	5160.	2261.0	4240.	2260.6	2580.	2259.4
6.120	7260.	2267.6	5120.	2266.4	4200.	2265.6	2560.	2263.6
6.120	7260.	2270.2	5120.	2269.0	4200.	2267.9	2560.	2265.4
6.240	7260.	2276.9	5120.	2275.8	4200.	2275.1	2560.	2273.6
6.430	7170.	2296.9	5050.	2295.9	4140.	2295.4	2520.	2294.4
6.540	7170.	2307.7	5050.	2306.9	4140.	2306.5	2520.	2305.6
6.650	7100.	2320.5	5000.	2319.2	4100.	2318.6	2500.	2316.6
6.650	7100.	2325.3	5000.	2324.0	4100.	2322.1	2500.	2319.4

[The rest of the table is heavily obscured and illegible due to extreme noise and low contrast in the scan.]

## SOCO CREEK

CHEROKEE, N. C.

2-YEAR FLOOD

MILE      A      ELEV      G      ELEV

.080      2000.      1910.3

.180      2000.      1911.9

.180      2000.      1912.3

.230      2000.      1913.5

.290      2000.      1915.1

.290      2000.      1917.2

.370      1960.      1919.2

.430      1960.      1921.1

.450      1960.      1921.5

.540      1940.      1924.7

.610      1940.      1926.6

.610      1940.      1926.9

.660      1940.      1928.4

.840      1940.      1934.0

.840      1940.      1935.0

.970      1800.      1939.6

.130      1800.      1948.8

.230      1800.      1953.9

.400      1800.      1963.8

.400      1800.      1965.0

.570      1800.      1970.9

.750      1800.      1979.4

.840      1800.      1981.3

.840      1800.      1982.8

.960      1750.      1987.9

2.090      1750.      1992.0

2.090	1750.	1992.9
2.200	1750.	1996.8
2.350	1730.	2008.5
2.500	1730.	2016.9
2.620	1730.	2021.5
2.760	1710.	2028.6
2.970	1710.	2039.4
3.030	1710.	2045.3
3.290	1390.	2059.7
3.290	1390.	2060.1
3.460	1390.	2067.7
3.600	1390.	2079.4
3.690	1390.	2085.6
3.770	1390.	2089.9
3.920	1350.	2095.5
4.030	1350.	2105.6
4.120	1350.	2115.7
4.120	1350.	2117.3
4.250	1350.	2124.5
4.330	1330.	2129.1
4.450	1330.	2134.2
4.450	1330.	2134.9
4.610	1330.	2140.2
4.720	1330.	2144.3
4.890	1330.	2158.3
5.030	1290.	2183.6
5.260	1290.	2201.6
5.400	1270.	2213.6
5.540	1270.	2222.3
5.670	1270.	2231.4

5.920 1240. 2248.2

6.070 1240. 2258.2

6.120 1230. 2262.1

6.120 1230. 2263.2

6.240 1230. 2272.2

6.430 1210. 2293.2

6.540 1210. 2304.2

6.650 1200. 2315.2

6.650 1200. 2316.8

6.120 1230. 2263.2



INPUT CARD LISTING

NO.	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	TELETYPE	TELEX	OTHER
01	CHEKROFF, N. C.								100
02	2-YEAR FLOOD								200
03	SOC. CREF.								300
04					0028			1910	400
05									500
06	J5 150				150				600
07	J6 11								700
08	MC .10	.10	.050	.1	.5				800
09	DT 8	2000	4100	6600	7900	11000	7900		900
10	ET						8.11	360 650	1000
11	X1 .08	14	430	500					1100
12	GR1920.0	35	1917.8	105	1912.5	235	1912.4	268 1909.0	290 1200
13	GR1909.0	400	1904.5	438	1904.5	450	1904.0	470 1904.0	484 1300
14	GR1909.0	500	1900.0	550	1910.0	720	1920.0	800	1400
15	ET						8.11	360 640	1500
16	X1 .18				420	060	400	2.0	1600
17	X3 10							1930.0	1700
18	ET						8.11	180 300	1800
19	X1 .18	18	190	250	00	40	40		1900
20	GR1928.2	120	1915.0	155	1917.0	164	1917.2	180 1912.0	190 2000
21	GR1907.2	195	1907.0	200	1906.5	203	1905.8	222 1905.8	234 2100
22	GR1906.5	235	1906.5	243	1911.2	250	1917.8	263 1917.8	300 2200
23	GR1918.7	373	1925.5	400	1932.2	500			2300
24	ET						8.11	180 300	2400
25	X1 .18				20	20	20		2500
26	X2								2600
27	ET						8.11	180 300	2700
28	X1 .18	10	190	250	10	10	10		2800
29	GR1925.2	120	1916.2	150	1916.0	158	1917.0	164 1917.2	160 2400
30	GR1912.0	150	1907.2	195	1907.0	200	1906.5	203 1905.8	222 3000
31	GR1905.8	250	1906.5	235	1906.5	243	1911.2	250 1913.2	350 3100
32	GR1915.5	355	1913.7	378	1923.5	400	1932.2	500	3200
33	MC .12	.10	.050						3300
34	ET						8.11	110 230	3400
35	X1 .23	0	137	200	270	210	240		3500
36	GR1925.0	36	1917.0	72	1913.0	137	1908.5	146 1908.0	156 3600
37	GR1908.5	105	1911.2	200	1913.0	222	1925.0	280	3700
38	ET						8.11	210 370	3800
39	X1 0.29	18	235	336	200	200	200		3900
40	GR1930.0	0	1924.0	32	1918.0	50	1916.5	92 1916.5	100 4000
41	GR1915.5	115	1916.5	250	1915.0	267	1915.8	278 1914.5	285 4100
42	GR1910.0	290	1918.0	325	1915.0	336	1917.5	350 1916.5	380 4200
43	GR1916.5	418	1920.0	465	1938.0	530			4300
44	ET						8.11	210 370	4400
45	X1 0.29	12	245	336	100	100	100		4500
46	GR1930.0	170	1916.0	198	1916.5	250	1915.0	257 1915.8	278 4600
47	GR1914.5	285	1919.0	290	1910.0	325	1915.8	336 1917.5	350 4700
48	GR1916.8	368	1935.5	400					4800
49	ET						8.11	210 370	4900
50	X1 0.29	18	285	333	1	1	1		5000
51	GR1930.0	170	1916.0	198	1916.5	247	1930.0	247 1930.0	252 5100
52	GR1916.5	252	1915.0	267	1915.5	278	1910.5	285 1910.0	290 5200
53	GR1910.0	325	1910.5	353	1930.0	333	1930.0	338 1915.8	333 5300
54	GR1917.5	370	1916.0	400	1935.5	400			5400
55	ET						8.11	210 370	5500
56	X1 0.29				50	50	50		5600

						8.11	210	370		5700	
Y1	.29	12	285	336	1	1				5800	
GR1930.0		178	1915.9	194	1916.5	250	1915.0	267	1915.8	278	5900
GR1914.5		205	1910.0	240	1910.0	325	1915.5	336	1917.5	350	6000
GR1916.3		308	1933.5	400							6100
Y1	.29				50	50					6200
NC	.10	.10	.050								6400
OT	.5	1260	4060	6500	7660	10000	7660				6500
FT							8.11	100	220		6600
X1	.37	12	100	103	360	300	360				6700
GR1935.0		75	1923.5	93	1922.0	100	1922.1	108	1914.8	117	6800
GR1914.1		100	1914.4	165	1919.5	183	1917.5	230	1918.0	274	6900
GR1924.0		333	1934.0	348							7000
NC	.12	.10	.050								7100
FT							8.11	120	210		7200
X1	.03	13	130	140	320	320	320				7300
GR1948.1		0	1920.5	40	1925.2	110	1920.0	130	1915.7	146	7400
GR1914.8		147	1914.8	185	1915.7	185	1920.4	199	1923.6	205	7500
GR1925.3		250	1931.6	272	1940.0	327					7600
NC	.12	.09	.050								7700
FT							8.11	100	170		7800
X1	.05	12	105	160	100	100	100				7900
GR1948.5		0	1931.6	70	1920.5	105	1915.3	119	1915.3	156	8000
GR1920.0		100	1941.0	172	1941.6	210	1928.5	210	1928.5	224	8100
GR1940.0		202	1940.0	285							8200
NC	.12	.12	.050								8300
OT	.0	1940	4000	6540	7040	10040	7040				8400
FT							8.11	110	200		8500
X1	.50	10	110	185	500	530	510				8600
GR1952.5		0	1940.0	66	1920.7	112	1925.0	116	1919.6	135	8700
GR1918.9		158	1918.9	176	1919.0	176	1925.0	185	1935.4	209	8800
GR1937.0		210	1937.3	230	1941.1	232	1941.1	265	1949.5	302	8900
NC	.12	.12	.05								9000
FT							8.11	340	490		9100
X1	.0.61	17	400	475	390	230	310				9200
GR1950.0		253	1934.4	320	1935.1	345	1928.2	367	1925.0	400	9300
GR1923.0		410	1921.7	420	1921.0	430	1921.0	456	1922.3	463	9400
GR1922.5		470	1925.0	475	1930.0	475	1934.4	479	1939.6	510	9500
GR1944.0		510	1950.0	540							9600
FT							8.11	350	490		9700
X1	.0.61	17	432	475	00	40	00				9800
X3	.10							1933.0			9900
GR1950.0		67	1934.0	100	1932.0	331	1928.3	368	1924.7	402	10000
GR1922.3		413	1921.7	420	1921.0	430	1921.0	456	1922.2	463	10100
GR1922.5		470	1925.0	475	1930.0	475	1934.5	478	1939.6	510	10200
GR1944.0		510	1950.0	540							10300
SB	-1.25	1.0	5	0	57.7	3	621	64	1921.0	1921.0	10400
FT							8.11	350	490		10500
X1	.61				30	50	30				10600
Y2			1	1950.0	1934.0						10700
Y3	.10							1950.0			10800
BT	.11	06	1950.0	0	100	1950.6	0	200	1954.2	0	10900
BT	300	1934.3	0	400	1934.0	0	600	1937.2	0	478	11000
BT1937.2		0	478	1934.3	0	510	1939.6	0	519	1944.0	11100
BT	0	540	1950.0	0							11200
NC	.10	.07	.050								11300
FT							8.11	350	480		11400
X1	.66	10	339	402	170	330	260				11500
GR1970.0		0	1939.0	50	1926.0	55	1936.0	233	1931.3	259	11600

GR1951.0	402	1971.4	550	1922.5	502	1922.5	380	1925.7	350	117000
ET										119000
X1 0.84	11	15	201	220	220	220	120	280		120000
GR1952.5	56	1944.0	105	1936.7	117	1934.0	140	1931.0	159	121000
GR1927.0	105	1927.0	195	1931.7	201	1935.0	235	1935.0	345	122000
NC 1945.0	302									123000
ET										124000
X1 0.84	0	215	255	100	190	100				125000
GR1952.5	56	1944.0	105	1936.7	117	1934.0	140	1931.0	159	126000
GR1927.0	105	1927.0	225	1935.0	235	1940.0	260			127000
ET										128000
SB 1.25	1.6	3.0	250	88	28	960	0	1928.5	1928.5	129000
X1 0.84				210	210	210				130000
X2			1	1940.5	1945.0					131000
NC .13	.13	.05								132000
ET										133000
X1 0.84	13	155	212	100	100	100				134000
GR1952.5	56	1944.0	105	1936.7	117	1934.0	140	1933.0	155	135000
GR1930.5	160	1930.7	200	1930.5	208	1933.0	212	1937.0	250	136000
GR1936.5	303	1936.5	345	1945.0	362					137000
NC .10	.15	.05								138000
ET	0	1800	3700	5000	7190	10000	7190			139000
ET										140000
X1 .07	11	352	613	480	430	480				141000
GR1960.0	600	1960.0	600	1944.6	632	1943.5	502	1934.9	560	142000
GR1934.9	613	1934.9	613	1944.7	640	1945.7	690	1943.9	888	143000
GR1954.0	600									144000
NC .10	.13	.05								145000
ET										146000
X1 1.13	23	320	615	900	600	900				147000
GR1965.0	70	1965.0	170	1956.0	210	1955.7	300	1956.3	311	148000
GR1949.2	320	1949.2	350	1944.1	350	1943.5	345	1943.2	350	149000
GR1944.1	350	1944.1	370	1944.7	383	1944.1	370	1944.7	405	150000
GR1949.2	615	1949.2	648	1949.0	665	1950.0	640	1953.0	730	151000
GR1955.5	700	1955.5	750	1958.0	760					152000
NC .12	.12	.05								153000
ET										154000
X1 1.23	14	352	242	560	500	560	110	240		155000
GR1970.0	71	1970.0	26	1958.3	100	1950.7	100	1954.0	152	156000
GR1949.3	172	1949.3	160	1947.0	170	1950.7	202	1952.7	223	157000
GR1952.0	230	1952.0	252	1963.9	260	1970.0	277			158000
NC .10	.08	.05								159000
ET										160000
X1 1.00	16	312	372	920	620	920	260	470		161000
GR1985.0	23	1985.0	101	1985.0	120	1985.0	193	1985.0	252	162000
GR1962.7	245	1962.7	300	1963.0	312	1963.0	330	1958.0	332	163000
GR1957.5	350	1957.5	362	1963.0	372	1963.2	459	1961.4	502	164000
GR1975.0	500									165000
ET										166000
X1 1.00	11	312	372	50	50	50				167000
GR1985.0	252	1985.0	205	1963.0	500	1963.0	312	1958.7	325	168000
GR1958.0	330	1958.0	350	1958.4	362	1963.3	372	1963.5	405	169000
GR1985.0	440									170000
ET										171000
X1 1.00				50	50	50				172000
ET										173000
X1 1.00	17	312	372	50	50	50				174000
GR1972.0	210	1972.0	245	1962.0	240	1963.3	300	1963.0	312	175000
GR1963.0	230	1963.0	332	1957.5	350	1958.4	362	1963.5	372	176000

1960.0	168 1961.0	405 1962.5	570 1971.0	600	177000
MC	.12	.055			178000
FT			8.11	110 210	179000
X1 1.57	15 1960.0	100 1960.0	490 1960.0		180000
GR1991.0	50 1960.0	58 1965.0	70 1984.4	100 1970.0	120 161000
1960.2	122 1965.0	131 1960.4	170 1966.0	148 1970.0	160 182000
1971.2	154 1971.2	200 1985.0	228		183000
MC	.07	.12	.055		184000
FT			8.11	160 440	185000
X1 1.75	20 1960.0	344 1960.0	1100 1910		186000
GR1950.0	7 1960.0	14 1960.0	24 1990.0	40 1977.3	63 187000
GR1977.4	154 1970.0	200 1979.4	280 1977.0	290 1975.0	295 188000
GR1974.2	318 1975.4	340 1974.0	344 1976.7	352 1978.6	363 189000
GR1977.0	383 1980.0	443 1980.4	500 1990.0	570 1990.0	622 190000
MC	.07	.12	.055		191000
FT			8.11	300 460	192000
X1 1.84	14 1978	446 1970	340 1940		193000
GR2000.0	240 1980.0	270 1982.7	290 1979.5	313 1982.0	323 194000
GR1982.0	378 1976.2	398 1976.2	420 1976.2	446 1978.0	446 195000
GR1992.3	471 1995.2	581 2000.0	728 2025.3	730	196000
FT			8.11	300 460	197000
X1 1.94		60	40 60		198000
X3 1.0				1987.7	199070
FT			8.11	410 520	200000
X1 1.0	1.6	40	40	0 1977.2 1977.2	201000
X1 1.94	21 1990	493 30	30 30		202000
X2		1 1987.2 1992.5			203000
X3 1.0				1987.7	204000
GR 1.0	0 2017.9	0 59 1992.7	0	440 1992.5	0 205000
GR 480 1992.4 1985.0	450 1992.5 1985.5	655 1992.5 1987.4	493 1992.3 1990.0	493 1992.5	420 206000
GR1992.5 1987.5	655 1992.5 1987.4	493 1992.3 1990.0	493 1992.5	0 207000	
GR 502 1992.0	0 508 1995.7	0	503 1997.3	0 208000	
GR 654 1997.9	604 2000.3	0 730 2006.5	0 736	209000	
GR2000.0	0 751 2020.0	0	771 2028.0	0 210000	
GR2019.4	0 1992.7	50 1992.5	440 1980.0	440 1978.4	440 211000
GR1978.4	450 1978.0	455 1978.4	460 1977.2	465 1977.2	463 212000
GR1977.2	443 1981.0	443 1992.0	512 1995.7	509 1997.3	503 213000
GR1997.4	650 2000.5	608 2000.5	700 2020.4	736 2020.4	751 214000
GR2028.0	771				215000
MC	.06	.06	.05		216000
FT			8.11	410 520	217000
X1 1.84	16 1992	508 40	140 60		218000
GR2019.4	0 1990.0	56 1994.0	353 1992.1	422 1979.7	443 219000
GR1978.5	440 1978.5	478 1980.0	430 1995.5	508 1997.3	503 220000
GR1937.4	654 2000.5	648 2006.5	700 2020.4	736 2020.4	751 221000
GR2028.0	771				222000
MC	.06	.06	.05		223000
DT	0 1750 3650	5000 7100	0950 7100		224000
FT			8.11	300 400	225000
X1 1.06	23 1990	392 550	550 350		226000
GR2030.0	170 1990.0	174 1984.1	200 1994.1	248 1992.3	274 227000
GR1992.3	306 1992.0	321 1982.0	361 1982.0	361 1985.0	361 228000
GR1992.3	392 1990.0	413 1994.4	424 1995.7	600 1997.1	650 229000
GR2000.0	753 2000.2	840 2010.0	930 2008.4	950 2010.0	966 230000
GR2010.0	973 2000.1	981 2025.7	1015		231000
MC	.05	.06	.05		232000
FT			8.11	170 320	233000
X1 2.09	14 1990	388 620	510 620		234000
GR2020.0	50 1997.0	50 1999.0	145 1997.2	189 1991.0	200 235000
GR1980.7	205 1987.0	205 1987.0	210 1980.0	243 1990.0	248 236000

ET												237000
YI	2.09							8.11	170	320		238000
FT												239000
SD	1.25	1.6						560	1987.0	1067.0		240000
YI	2.09											242000
YI	2.09											243000
RT		50	2020.0				1997.6			145	1999.0	244000
RT	174	1097.0			200	1905.2		245	1998.0		362	245000
RT	1407.5		450	1098.0			460	2020.0				246000
ET								8.11	170	320		247000
YI	2.09											248000
YI	2.04											249000
ET								8.11	490	560		250000
YI	2.2	11	401	550	530	520	519					251000
GR2022.7		0	2004.4	44	2003.5	390	2003.5	428	2002.0	441		252000
GR1991.1		510	1991.1	537	1993.0	537	2010.3	550	2011.0	910		253000
GR2033.0		852										254000
NC	.07	.07	.055									255000
DT	6	1730	3630	5860	7060	4900	7060					256000
ET								8.11	1120	1240		257000
YI	2.35	35	1177	1167	830	850	830					258000
GR2040.0		0	2035.0	72	2036.5	153	2029.7	221	2024.8	240		259000
GR2021.9		343	2013.2	382	2013.5	618	2012.0	459	2012.0	600		260000
GR2012.5		683	2013.5	709	2021.5	715	2026.4	729	2022.4	749		261000
GR2012.5		759	2011.0	950	2014.6	976	2014.4	995	2014.6	1030		262000
GR2040.0		1039	2000.0	1060	2014.0	1040	2014.9	1107	2007.5	1137		263000
GR2002.9		1145	2002.9	1172	2003.4	1172	2007.6	1167	2011.4	1252		264000
GR2012.1		1300	2013.0	1506	2012.0	1517	2016.2	1657	2010.2	1742		265000
GR2040.0		1705										266000
NC	.07	.10	.080									267000
ET								8.11	1250	1340		268000
YI	2.5	28	1074	1327	100	740	750					269000
GR2045.0		500	2032.0	500	2022.0	730	2005.0	730	2045.0	830		270000
GR2022.0		730	2022.0	806	2022.0	877	2022.0	849	2020.0	907		271000
GR2019.0		980	2005.0	980	2005.0	1140	2019.0	1140	2019.0	1251		272000
GR2016.0		1274	2011.5	1240	2011.0	1240	2011.0	1327	2013.0	1327		273000
GR2022.0		1352	2022.5	1377	2003.4	1352	2003.4	1638	2036.0	1440		274000
GR2036.7		1639	2036.7	1649	2045.0	1726						275000
NC	.06	.10	.080									276000
ET								8.11	940	1000		277000
YI	2.62	21	940	963	640	550	650					278000
GR2050.0		410	2020.7	410	2020.7	503	2030.0	506	2037.0	520		279000
GR2036.7		570	2028.0	570	2028.1	610	2030.4	690	2030.4	720		280000
GR2050.0		720	2050.0	920	2030.0	920	2030.0	940	2015.0	940		281000
GR2015.0		903	2017.0	903	2030.3	1013	2030.0	1037	2036.0	1078		282000
GR2040.0		1123										283000
NC	.07	.09	.080									284000
DT	0	1710	3010	5830	7030	4440	7030					285000
ET								8.11	620	690		286000
YI	2.75	20	830	690	750	750	750					287000
GR2054.7		0	2025.0	0	2000.5	108	2000.5	148	2039.2	120		288000
GR2036.0		245	2036.8	342	2030.0	526	2036.0	549	2038.0	567		289000
GR2036.5		532	2025.0	520	2029.0	650	2024.1	635	2024.1	604		290000
GR2020.5		690	2030.4	706	2033.0	727	2034.0	797	2034.0	815		291000
GR2032.2		825	2050.5	831	2030.5	871	2071.0	860				292000
NC	.07	.09	.080									293000
ET								8.11	710	810		294000
YI	2.97	34	732	787	1080	1030	1100					295000
GR2043.5		0	2070.2	58	2071.4	107	2054.0	152	2040.1	183		296000

GR2007.0	420	2070.0	420	2070.0	620	2084.5	620	2084.5	640	2080.0	640	2080.0
GR2044.5	710	2041.0	710	2039.0	732	2033.5	740	2033.5	770	2030.0	770	2030.0
GR2035.5	787	2035.7	787	2035.0	818	2035.0	858	2035.8	842	2030.0	842	2030.0
GR2005.0	851	2004.2	916	2055.5	917	2055.0	927	2044.0	937	2040.0	937	2040.0
GR2052.6	1054	2007.4	1057	2007.7	1067	2007.9	1084	2007.9	1090	2000.0	1090	2000.0
FT					8.11		710.	810				30400
XI 3.05	16	748	791	100	370	289						30500
GR2080.0	250	2052.0	250	2052.0	420	2068.0	420	2068.0	620	2060.0	620	2060.0
GR2008.0	620	2008.0	630	2008.0	670	2004.0	748	2041.5	752	2040.0	752	2040.0
GR2001.5	708	2044.0	701	2047.7	830	2051.0	890	2055.9	1000	2050.0	1000	2050.0
GR2060.0	1030											30900
MC 0.110	.120	.055										31000
RT 6	1390	2070	1760	5750	8130	5750						31100
FT					8.11		800	990				31200
XI 3.24	17	895	940	1580	1360	1510						31300
GR2080.0	300	2070.0	350	2067.7	600	2065.0	620	2062.5	880	2060.0	880	2060.0
GR2060.0	893	2055.4	848	2053.3	900	2053.7	910	2053.9	912	2050.0	912	2050.0
GR2053.4	920	2055.0	930	2060.3	940	2065.0	960	2065.2	1150	2060.0	1150	2060.0
GR2070.0	1280	2060.0	1320									31700
FT					8.11		800	990				31800
XI 3.24			30	50	30							31900
SB 1.25	1.6	5.8	0	32	2	315	0	2053.5	2053.5			32000
FT					8.11		800	990				32100
XI 3.24			20	20	20							32200
X2			1	2068.0	2065.0							32300
RT 10	200	2060.0	0	450	2070.0	0	750	2065.7	0			32400
RT 850	2065.0	0	803	2065.0	0	898	2067.8	0	452			32500
RT 2067.8	0	852	2065.0	0	1050	2065.3	0	1280	2070.0			32600
RT 0												32700
FT					8.11		800	990				32800
XI 3.24			10	10	10							32900
MC .120	.120	.055										33000
FT					8.11		800	990				33100
XI 3.40	10	870	923	970	870	970						33200
GR2090.0	870	2030.0	870	2050.0	500	2080.0	600	2075.0	808	2070.0	808	2070.0
GR2071.0	870	2062.5	885	2062.5	910	2070.0	923	2080.0	960	2080.0	960	2080.0
NH 4	0.070	555	6.130	730	0.050	770	.150	840				33500
FT					8.11		720	780				33600
XI 3.40	16	730	770	300	690	690		-4.4				33700
GR2100.0	250	2005.0	250	2090.0	450	2094.0	460	2095.0	525	2090.0	525	2090.0
GR2091.0	555	2095.0	530	2090.0	620	2091.0	660	2090.0	720	2090.0	720	2090.0
GR2085.0	750	2074.0	757	2074.0	753	2085.0	770	2090.0	760	2090.0	760	2090.0
GR2100.0	940											34100
FT					8.11		720	780				34200
XI 3.69			80	130	800			4.4				34300
FT					8.11		720	780				34400
XI 3.77			370	370	370			5.0				34500
MC 0.150	.150	.060										34600
RT 0	1350	2090	4650	5010	7950	5010						34700
FT					8.11		650	700				34800
XI 3.92	17	509	690	730	730	730						34900
GR2111.0	240	2113.0	240	2103.0	530	2105.0	630	2095.0	640	2090.0	640	2090.0
GR2091.2	630	2080.5	651	2080.5	685	2090.2	686	2095.0	690	2090.0	690	2090.0
GR2160.0	700	2105.0	726	2115.0	750							35200
MC 0.120	.120	.065										35300
FT					8.11		740	820				35400
XI 4.05	12	755	815	300	540	540						35500
GR2114.0	200	2114.0	300	2114.0	400	2114.0	600	2110.0	750	2110.0	750	2110.0

GR2105.0	755	2102.5	765	2102.5	907	2105.0	915	2110.0	830	357000
GR2112.0	930	2110.0	1140							35800
MC 0.100	.120	0.045								35900
FI						8.11	360	730		36000
Y1 4.12	10	517	575	570	370	370				36100
GR2125.0	100	2120.4	200	2119.8	230	2119.0	315	2119.0	517	36200
GR2112.2	535	2111.0	562	2117.0	575	2116.5	725	2125.0	1240	36300
FI						8.11	380	730		36400
Y1 4.12	15	515	573	50	50	30				36500
GR2125.0	100	2120.4	200	2119.8	230	2119.0	315	2120.0	830	36600
GR2122.3	515	2115.7	515	2112.2	523	2112.2	550	2111.0	570	36700
GR2113.0	573	2122.3	573	2116.5	710	2116.5	725	2125.0	1240	36800
FI						8.11	380	730		36900
Y1 4.12	18	515	573	1	1	1				37000
GR	515	2122.3	515	2122.3	2119.7	550	2122.3	2119.7		37100
GR2125.0	100	2120.4	200	2119.8	230	2119.0	315	2122.3		37200
GR2125.0	100	2120.4	200	2119.8	230	2119.0	315	2120.0	830	37300
GR2122.3	515	2115.7	515	2112.2	523	2112.2	546	2119.7	546	37400
GR2119.7	550	2112.0	550	2111.0	570	2113.0	573	2122.3	573	37500
GR2116.5	710	2116.5	725	2125.0	1240					37600
FI						8.11	380	730		37700
Y1 4.12						30				37800
X2						1				37900
FI						8.11	380	730		38000
Y1 4.12	15	515	573	1	1	1				38100
GR2125.0	100	2120.4	200	2119.8	230	2119.0	315	2120.0	830	38200
GR2122.3	515	2115.7	515	2112.2	523	2112.2	550	2111.0	570	38300
GR2113.0	573	2122.3	573	2116.5	710	2116.5	725	2125.0	1240	38400
MC 0.090	0.090	0.055								38500
FI						8.11	380	730		38600
Y1 4.12	10	517	575	10	10	10				38700
GR2125.0	100	2120.4	200	2119.8	230	2119.0	315	2119.0	517	38800
GR2112.2	535	2111.0	562	2117.0	575	2116.5	725	2125.0	1240	38900
MC 0.110	.110	.065								39000
FI						8.11	370	660		39100
X1 4.25	11	540	450	570	670	670				39200
GR2135.0	0	2131.0	100	2131.0	250	2125.0	350	2120.0	365	39300
GR2120.0	425	2125.0	350	2127.0	440	2127.0	450	2125.0	470	39400
GR2125.0	950									39500
MC 0.120	.120	.065								39600
GT	1350	2150	850	5520	7810	5520				39700
FI						8.11	530	820		39800
X1 4.33	18	610	655	400	440	440				39900
GR2142.5	0	2135.0	230	2135.0	735	2130.0	585	2129.5	610	40000
GR2124.0	616	2125.5	620	2124.0	645	2122.0	655	2130.5	666	40100
GR2129.5	640	2120.0	750	2120.0	750	2120.0	820	2127.0	900	40200
GR2130.5	993	2130.7	1050	2135.0	1117					40300
MC 0.080	0.100	0.050								40400
FI						8.11	440	750		40500
Y1 0.45	11	572	721	561	630	637				40600
GR2145.0	350	2140.0	390	2130.0	660	2133.0	672	2132.0	672	40700
GR2130.0	600	2125.0	710	2130.0	721	2132.9	730	2139.0	765	40800
GR2145.0	210									40900
FI						8.11	640	750		41000
Y1 4.05	13	572	721	30	30	30				41100
GR2140.5	920	2140.0	390	2135.0	527	2130.5	625	2133.0	620	41200
GR2133.0	672	2132.0	672	2130.0	540	2129.9	710	2130.0	721	41300
GR2130.9	750	2139.0	765	2145.0	810					41400
MC 0.090	1.0	5.0	0	41.0	0	270	0	2130.2	2130.2	41500
FI						8.11	640	750		41600

				20	20	20				1700	
Y2			1	2137.0	2139.0					41800	
NI		220	2104.5	0	521	2140.8		625	2140.4	0	41900
NI	0.120	2100.7	0	672	2140.7	2137.1	721	2140.2	2136.0	721	42000
NI	0.120	0	0745	2139.0	0	200	2105.0	0			42100
NI	0.120						2.11	640	750		42200
NI	0.120						10	10			42300
NI	0.120		0065								42400
NI							2.11	560	640		42500
NI	0.120	15	565	650	350	250	650				42600
GR2160.0	0	2155.0	310	2150.0	400	2105.0	440	2147.0	505		42700
GR2147.0	538	2100.0	555	2140.0	505	2135.0	580	2135.0	620		42800
GR2140.5	630	2150.0	605	2150.0	700	2155.0	800	2160.0	930		42900
NI							2.11	300	430		43000
NI	0.120	10	368	428	500	600	600				43100
GR2155.0	220	2160.0	275	2150.0	330	2150.0	360	2145.0	368		43200
GR2139.5	372	2130.5	420	2140.0	425	2105.0	428	2155.0	436		43300
GR2160.0	455	2160.0	500	2162.0	570	2165.0	670				43400
NI	0.120	0.120	0.055								43500
NI							2.11	570	640		43600
NI	0.120	0	475	632	720	820	920				43700
GR2180.0	200	2175.0	251	2175.0	370	2170.0	475	2154.5	585		43800
GR2154.5	620	2170.0	632	2172.0	645	2180.0	760				43900
NI	0.120	0.120	0.055								44000
NI	0	1200	2000	3000	5260	7600	5350				44100
NI							2.11	710	800		44200
NI	0.120	25	720	740	720	720	720				44300
GR2193.0	25	2100.0	25	2100.0	155	2100.0	250	2190.0	315		44400
GR2190.0	410	2100.0	450	2100.0	456	2190.0	475	2190.0	480		44500
GR2189.0	500	2100.0	508	2100.0	535	2186.7	610	2187.2	665		44600
GR2185.5	680	2100.0	721	2187.7	720	2179.0	755	2179.0	772		44700
GR2180.0	700	2100.0	720	2100.0	832						44800
NI	0.120	0.120	0.055								44900
NI							2.11	500	590		45000
NI	0.120	15	110	505	1250	1250	1250				45100
GR2220.0	235	2200.0	235	2200.0	265	2200.0	270	2200.0	360		45200
GR2207.0	400	2200.0	470	2200.0	500	2205.0	510	2200.0	520		45300
GR2177.0	555	2177.0	575	2200.0	580	2205.0	585	2205.0	675		45400
GR2210.0	605										45500
NI	0.110	150	0060								45600
NI	0	1270	2000	3000	5280	7800	5280				45700
NI							2.11	640	780		45800
NI	0.120	10	712	771	750	750	750				45900
GR2225.0	230	2220.0	250	2215.0	270	2216.0	270	2212.0	360		46000
GR2210.0	730	2210.0	770	2212.0	771	2216.0	795	2230.0	850		46100
NI	0.110	0.110	0.055	0.055	0.070	0.080	0.080	0.080	0.080	0.150	46200
NI	0.120										46300
NI							2.11	410	490		46400
NI	0.120	10	120	170	560	650	560				46500
GR2230.0	100	2225.0	100	2220.0	120	2214.0	122	2214.0	150		46600
GR2220.0	470	2225.0	570	2225.0	670	2225.0	770	2224.0	850		46700
GR2210.0	850	2210.0	970	2220.0	1070	2225.0	1190				46800
NI	0.100	0.100	0.055	0.055	0.080	0.085	0.080	0.080	0.150		46900
NI	0.120										47000
NI							2.11	190	890		47100
NI	0.120	10	200	230	500	500	500				47200
GR2237.0	0	2235.0	48	2230.0	100	2235.0	170	2230.0	200		47300
GR2225.0	200	2225.0	220	2225.0	230	2232.0	240	2235.0	300		47400
GR2235.0	320	2235.0	500	2235.0	560	2233.0	645	2228.0	850		47500
GR2228.0	878	2231.0	880	2225.0	950						47600







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FLOODWAY DATA, GOLD CREEK *Final*  
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
	WIDTH	SECTION AREA		WIDTH	WITHOUT FLOODWAY	
	270	1902	4.0	1916.0	1915.0	1.0
	270	1380	5.7	1917.0	1915.5	.9
	180	504	10.4	1919.5	1915.0	.5
	120	637	12.4	1918.7	1916.7	.0
A	120	1034	7.5	1918.8	1918.8	.0
B	120	1024	7.7	1919.4	1919.4	.0
	200	936	8.0	1920.0	1920.0	.0
	120	1206	6.6	1922.1	1920.9	1.2
	200	1130	7.0	1922.0	1920.9	1.1
	120	1224	6.5	1922.7	1923.0	.3
	120	1312	6.0	1922.7	1922.0	.7
C	200	1356	5.8	1923.9	1922.3	.7
D	270	935	8.9	1924.7	1924.3	.4
E	230	808	9.7	1925.5	1925.7	.2
F	250	624	12.6	1926.3	1926.1	.2
G	200	845	9.3	1931.4	1931.3	.1
	210	918	8.5	1933.2	1933.2	.0
	210	1130	6.6	1935.0	1933.4	1.6
H	211	1487	5.3	1936.1	1935.2	.9
I	250	1154	6.0	1935.7	1935.8	-.1
	200	1100	6.6	1939.5	1939.2	.3
	240	1395	6.0	1947.5	1947.0	.5
	240	1455	5.6	1941.6	1940.5	1.1
J	290	1295	5.1	1941.6	1940.5	1.1
K	270	661	16.5	1945.4	1945.4	.0
L	1.130	1093	5.0	1954.0	1953.1	.9
M	1.230	815	8.0	1954.4	1953.0	1.4
	1.400	727	7.0	1962.4	1961.4	1.0
	1.400	727	7.0	1963.7	1961.7	2.0
	1.400	727	7.0	1965.2	1960.0	5.2
N	1.400	1461	4.0	1970.1	1970.1	.0
O	1.570	587	10.5	1975.9	1975.5	.4
P	1.156	1500	4.9	1984.0	1985.1	1.1
	1.140	540	7.0	1984.5	1984.7	-.2
	1.440	617	11.6	1985.5	1984.9	.6
	1.400	737	7.0	1989.5	1988.8	.7
Q	1.240	507	11.0	1990.0	1989.1	.9
R	1.440	747	6.0	1991.0	1993.3	2.3
	2.000	547	12.5	1997.4	1996.9	.5
	2.000	717	8.4	1999.0	1999.0	.0
	2.000	1910	7.0	2000.0	1999.0	1.0
S	2.000	1925	6.6	2000.0	1999.7	.3

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FLOODWAY DATA, SOCO CREEK  
 PROFILE NO. 6

STATION	FLOODWAY			VERT. SURFACE ELEVATION		DIFFERENCE	
	WIDTH	SECTION AREA	MEAN VELOCITY	AT STA FLOODWAY	AT POINT FLOODWAY		
T	2.200	70.	521.	13.7	2064.5	2002.0	.5
U	2.350	120.	755.	9.3	2013.7	2013.4	.3
V	2.500	110.	765.	9.2	2021.7	2020.6	.9
W	2.620	60.	700.	10.1	2024.5	2020.0	.3
X	2.760	70.	664.	10.5	2035.4	2034.6	.6
Y	2.970	100.	621.	8.6	2045.2	2044.4	.9
	3.030	130.	597.	11.8	2049.1	2046.5	.6
	3.200	110.	554.	6.7	2064.5	2064.2	.7
	3.200	150.	621.	6.2	2065.0	2065.1	.2
	3.200	150.	1300.	4.4	2067.7	2067.2	.7
Z	3.200	150.	1307.	4.4	2067.0	2067.2	.8
AA	3.460	70.	524.	10.5	2073.7	2073.3	.4
	3.600	60.	534.	10.6	2084.7	2084.4	.9
BB	3.600	60.	604.	9.4	2092.0	2091.9	.7
	3.750	60.	644.	11.4	2098.2	2095.5	.7
CC	3.920	70.	735.	7.6	2102.2	2102.4	.4
DD	4.030	60.	745.	11.6	2104.0	2103.7	.1
	4.120	200.	71.	6.8	2112.7	2112.1	.6
	4.120	200.	70.	6.7	2112.9	2112.9	.0
	4.120	200.	70.	10.0	2121.0	2121.0	.0
	4.120	200.	70.	7.1	2121.7	2121.4	.5
	4.120	200.	1420.	5.5	2121.4	2121.7	.7
EE	4.120	250.	1593.	3.5	2122.7	2121.7	1.0
FF	4.250	200.	1605.	6.6	2127.4	2127.1	.8
GG	4.330	200.	1645.	4.4	2132.4	2131.4	1.0
	4.450	110.	705.	12.0	2137.5	2137.4	.6
	4.450	110.	705.	6.6	2140.0	2140.0	.0
	4.450	110.	750.	5.3	2142.7	2142.0	.4
HH	4.450	110.	739.	5.0	2142.4	2142.0	.3
IJ	4.610	60.	755.	7.5	2145.3	2145.0	.7
JJ	4.720	70.	642.	8.6	2150.2	2150.1	.1
KK	4.800	70.	375.	10.7	2153.5	2153.0	.0
LL	5.030	60.	640.	12.0	2164.0	2163.6	.2
MM	5.260	90.	530.	5.5	2206.7	2206.0	.7
NN	5.400	90.	639.	11.0	2217.0	2217.5	.3
OO	5.500	510.	207.	6.5	2224.5	2225.8	.7
PP	5.670	700.	505.	9.8	2234.2	2234.0	.9
QQ	5.920	510.	635.	6.1	2251.4	2250.6	.8
RR	6.070	150.	641.	7.5	2261.2	2261.0	.2
	6.120	110.	641.	11.8	2267.0	2267.3	.1
	6.120	110.	705.	12.1	2277.0	2277.5	.2
	6.120	110.	71.	11.4	2277.0	2276.0	.7

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FLOODWAY DATA, GOLD CREEK  
PROFILE NO. 2

STATION	WET AREA	FLOODWAY		WATER SURFACE ELEVATION		
		SECTION AREA	VELOCITY FEAN	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
SS 6.120	110.	820.	6.3	2269.6	2269.0	.6
TT 6.200	100.	535.	9.6	2276.3	2275.8	.5
UU 6.430	220.	420.	5.5	2296.6	2295.9	.7
VV 6.540	150.	615.	8.2	2307.7	2306.9	.8
WW 6.650	100.	427.	11.7	2319.2	2319.2	.0
<del>6.650</del>	<del>0.</del>	<del>242.</del>	<del>14.5</del>	<del>2315.4</del>	<del>2317.2</del>	<del>.4</del>
<del>6.650</del>	<del>0.</del>	<del>247.</del>	<del>12.0</del>	<del>2321.6</del>	<del>2321.8</del>	<del>.4</del>
<del>6.650</del>	<del>0.</del>	<del>240.</del>	<del>7.2</del>	<del>2324.0</del>	<del>2324.0</del>	<del>.0</del>



	252	1915.0	267	1915.6	278	1914.5	285	1910.0	290	00054000
GR1917.5	325	1916.5	333	1930.0	333	1930.0	338	1915.8	338	00055000
GR1917.5	350	1916.0	368	1935.5	400					00056000
FT					8.11		210	370		00057000
Y1	24	12	245	336	1	1	1			00058000
GR1930.0	170	1916.0	198	1916.5	250	1915.0	267	1915.8	278	00061000
GR1916.5	235	1910.0	290	1910.0	325	1915.0	336	1917.5	350	00062000
GR1916.0	368	1935.5	400							00063000
FT					8.11		210	370		00064000
Y1	24	12	245	336	1	1	1			00065000
NC	10	10	050							00066000
BT	6	1960	0060	6560	7860	10960	7860			00067000
FT					8.11		100	220		00068000
Y1	37	12	108	183	360	360	360			00069000
GR1933.0	75	1925.5	93	1922.0	100	1922.1	108	1914.8	117	00070000
GR1914.1	140	1914.0	165	1910.5	183	1917.5	230	1916.0	274	00071000
GR1924.0	333	1930.0	348							00072000
NC	12	10	050							00073000
FT					8.11		120	210		00074000
Y1	45	13	130	190	320	720	320			00075000
GR1925.1	0	1930.5	40	1925.2	110	1920.0	130	1915.7	146	00076000
GR1910.0	147	1914.0	165	1912.1	185	1920.4	190	1923.6	205	00077000
GR1925.5	250	1931.8	272	1940.6	327					00078000
FT					8.11		100	170		00079000
Y1	45	12	105	160	100	100	100			00081000
GR1940.5	0	1931.0	70	1920.5	105	1915.2	110	1915.5	156	00082000
GR1920.0	160	1941.0	172	1941.0	210	1925.5	210	1920.5	224	00083000
GR1940.0	282	1940.0	285							00084000
NC	12	12	050							00085000
BT	6	1940	0000	6540	7840	10940	7840			00086000
FT					8.11		110	200		00087000
Y1	54	15	110	185	300	530	510			00088000
GR1952.5	0	1940.0	66	1925.7	112	1925.0	116	1919.6	135	00089000
GR1918.9	135	1914.4	176	1914.0	176	1925.0	185	1935.4	209	00090000
GR1937.0	210	1930.5	250	1951.1	257	1951.1	265	1969.5	302	00091000
NC	12	12	050							00092000
FT					8.11		300	490		00093000
Y1	61	17	100	175	300	250	310			00094000
GR1950.0	253	1935.0	320	1935.0	345	1928.2	327	1925.0	400	00095000
GR1924.0	410	1931.7	420	1921.0	430	1921.0	456	1922.5	463	00096000
GR1922.5	470	1925.0	475	1930.0	475	1934.4	470	1939.0	510	00097000
GR1984.0	519	1950.0	560							00098000
FT					8.11		350	460		00099000
Y1	61	17	102	175	300	300	300			00100000
Y3	10						1033.0			00101000
GR1950.0	67	1934.0	100	1932.0	351	1920.0	368	1924.7	402	00102000
GR1922.5	413	1921.7	421	1921.0	430	1921.0	455	1922.2	463	00103000
GR1922.5	470	1925.0	475	1930.0	475	1934.5	473	1939.0	510	00104000





						8.11	110	240	00143000	
GR1925.0	152	202	560	560	510				00144000	
GR1927.0	171	1959.0	106	1958.3	100	1956.7	100	1954.0	152	00145000
GR1929.3	172	1917.2	180	1947.0	190	1950.7	202	1952.7	223	00146000
GR1930.0	230	1963.0	252	1963.0	250	1970.0	217			00147000
FT						8.11	260	440	00148000	
YI	16	312	372	420	420	420			00149000	
GR1985.0	43	1985.0	101	1985.0	120	1985.0	193	1985.0	252	00151000
GR1982.7	295	1963.4	300	1963.0	312	1963.0	330	1958.0	332	00152000
GR1957.5	350	1958.4	362	1963.0	372	1963.2	459	1961.4	502	00153000
GR1975.0	540									00154000
FT						8.11	260	440	00154100	
YI	11	312	372	50	50	50			00155000	
GR1985.0	252	1962.7	295	1963.0	300	1963.0	312	1958.7	325	00155100
GR1958.0	330	1957.5	350	1958.4	362	1963.8	372	1963.5	405	00155200
GR1985.0	440									00155300
FT						8.11	260	440	00155310	
YI	1.40		50	50	50				00155400	
FT						8.11	260	440	00155410	
YI	1.40	14	312	372	50	50			00155500	
GR1972.0	210	1961.5	245	1962.0	290	1963.3	300	1963.0	312	00155600
GR1963.0	330	1958.0	332	1957.5	350	1958.4	362	1963.0	372	00155700
GR1963.0	450	1961.5	505	1962.5	570	1971.0	600			00155800
MC	.72	.12	.055							00155900
FT						8.11	110	210	00157000	
YI	1.57	15	120	100	600	490	600		00158000	
GR1961.0	40	1962.0	60	1965.0	90	1962.9	100	1970.0	120	00159000
GR1966.2	122	1965.0	131	1964.9	140	1968.0	148	1970.0	160	00160000
GR1971.2	170	1971.2	200	1970.0	230					00161000
MC	.07	.12	.055							00162000
FT						8.11	160	440	00163000	
YI	1.75	20	300	340	660	1100	1010			00164000
GR1900.0	2	1900.0	210	1940.0	20	1900.0	40	1977.3	83	00165000
GR1977.4	150	1977.0	230	1974.4	250	1977.0	298	1975.0	265	00165000
GR1974.2	318	1975.4	340	1974.0	340	1976.9	352	1976.0	363	00167000
GR1977.8	363	1990.0	443	1980.0	500	1990.0	570	1990.0	622	00168000
MC	.07	.12	.055							00169000
FT						8.11	300	460	00170000	
YI	1.75	14	370	430	430	380			00171000	
GR2000.0	240	1970.0	270	1982.1	290	1974.5	313	1982.0	323	00172000
GR1982.0	378	1970.0	390	1976.2	420	1974.2	446	1978.0	446	00173000
GR1982.5	471	1.600.0	501	2000.0	728	2025.3	730			00174000
FT						8.11	300	460	00175000	
YI	1.80		50	50	50				00175000	
YI	1.0					1967.7				00177000
FT						8.11	110	520	00178000	
YI	1.6		40	0	440	0	1977.2	1977.2		00179000
YI	21	400	452	30	50	30				00180000
YI	1	1987.2	1982.5							00181000
YI	1.0					1968.7				00182000

1042.5	1985.7	2200	1982.5	1985.5	035	1042.5	1987.6	060	00180000
1002.5	1987.0	065	1982.0	1987.0	743	1407.5	1900.0	403	1942.5
002	1002.0	0	1985.7	0	503	1907.5	0	0	00186000
050	1007.0	0	2000.0	0	700	2006.5	0	736	00187000
0000.0	0	751	2000.0	0	771	2020.0	0	0	00188000
0019.0	0	0	1992.1	0	010	1980.0	040	044	00189000
001976.0	050	1976.0	050	1977.0	080	1977.2	005	063	00190000
001977.0	093	1980.0	093	1980.0	507	1985.7	508	503	00191000
001997.0	600	2000.0	600	2000.0	700	2020.0	756	751	00192000
002020.0	771	0	0	0	0	0	0	0	00193000
00	00	00	00	00	00	00	00	00	00194000
01	1.00	16	0.20	0.00	140	00	00	00	00195000
002010.0	0	1990.0	0	1990.0	353	1992.1	027	003	00197000
001970.0	010	1970.0	010	1970.0	050	1995.0	508	503	00198000
001997.0	600	2000.0	600	2000.0	700	2020.0	756	751	00199000
002020.0	771	0	0	0	0	0	0	0	00200000
00	00	00	00	00	00	00	00	00	00203000
01	1.00	1750	0.00	0.00	0000	7100	0000	0000	00204000
01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00205000
01	1.00	20	0.00	0.00	050	050	000	000	00206000
002030.0	170	1970.0	170	1980.0	200	1990.0	208	270	00207000
001990.0	300	1970.0	300	1980.0	301	1982.0	301	301	00208000
001992.0	302	1980.0	302	1980.0	020	1990.0	600	630	00209000
002000.0	000	2000.0	000	2000.0	050	2000.0	050	066	00210000
002010.0	000	2000.0	000	2000.0	1015	0	0	0	00211000
00	00	00	00	00	00	00	00	00	00212000
01	2.00	10	0.00	0.00	610	020	170	320	00213000
002020.0	00	1970.0	00	1980.0	145	1997.2	130	200	00215000
001970.0	200	1970.0	200	1970.0	200	1997.0	293	293	00216000
001997.0	207	1997.0	207	1997.0	060	2020.0	060	000	00217000
00	00	00	00	00	00	00	00	00	00218000
01	2.00	00	0.00	0.00	0.00	0.00	0.00	0.00	00219000
01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00220000
01	1.25	1.6	0.00	0.00	00	00	0	0	1987.0
01	2.00	00	0.00	0.00	00	00	00	00	1987.0
01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1997.0
01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1999.0
01	170	1997.0	000	1990.0	0	200	1998.0	0	302
001997.0	0	0	0	1980.0	0	0	0	0	0
00	00	00	00	00	00	00	00	00	00227000
01	2.00	00	0.00	0.00	0.00	0.00	0.00	0.00	00228000
00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00229000
01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00230000
01	0.2	0.1	0.00	0.00	520	010	000	560	00231000
002020.0	0	2000.0	0	2000.0	320	2003.0	020	041	00232000
001991.0	010	1991.0	010	1995.0	557	2010.0	500	010	00233000
002030.0	000	0	0	0	0	0	0	0	00234000
00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00235000
01	0.00	1750	0.00	0.00	0000	7060	0000	0000	00236000





			575	570	375	370			00341000
GR2125.0	100	2120.4	200	2117.0	250	2114.0	315	2114.0	517 00342000
GR2125.2	535	2111.0	502	2117.0	575	2110.5	725	2125.0	1240 00343000
FI							8.11	400 730	00344000
YI 0.12	10	515	577	570	30	30			00345000
GR2125.0	100	2120.4	200	2117.0	250	2114.0	315	2120.0	430 00346000
GR2122.5	515	2115.7	515	2112.2	523	2112.2	550	2111.0	570 00347000
GR2113.0	573	2120.5	573	2110.5	710	2110.5	725	2125.0	1240 00348000
FI							8.11	400 730	00349000
YI 0.12	10	515	573	570	1	1			00350000
GR2122.3	515	2122.3	515	2119.7	550	2122.5	2119.7		00351000
GR2122.3	2122.3	2114.5	573	2122.5	2119.7	573	2122.3		00352000
GR2125.0	100	2120.4	200	2117.0	250	2114.0	315	2120.0	430 00353000
GR2122.5	515	2115.7	515	2112.2	523	2112.2	546	2119.7	566 00354000
GR2115.7	550	2112.0	550	2111.0	570	2115.0	573	2122.5	573 00355000
GR2116.5	710	2116.5	725	2125.0	1240				00356000
FI							8.11	400 730	00357000
YI 0.12	20	20	20	20					00358000
YI							1		00359000
FI							8.11	400 730	00360000
YI 0.12	15	515	573	570	1	1			00361000
GR2125.0	100	2120.4	200	2117.0	250	2114.0	315	2120.0	430 00362000
GR2122.5	515	2115.7	515	2112.2	523	2112.2	550	2111.0	570 00363000
GR2113.0	573	2120.5	573	2110.5	710	2110.5	725	2125.0	1240 00364000
GR 0.075	0.040	0.055							00365000
FI							8.11	400 730	00366000
YI 0.12	10	517	575	570	10	10			00367000
GR2125.0	100	2120.4	200	2117.0	250	2114.0	315	2114.0	517 00368000
GR2116.5	535	2111.0	502	2117.0	575	2116.5	725	2125.0	1240 00369000
GR 0.110	.110	.065							00370000
FI							8.11	370 660	00371000
YI 1.25	11	520	570	570	570	670			00372000
GR2135.0	0	2130.0	100	2125.0	250	2125.0	350	2120.0	385 00373000
GR2120.0	425	2125.0	430	2127.0	440	2127.0	460	2125.0	470 00374000
GR2125.0	460								00375000
GR 0.120	.120	.065							00376000
GR 5	1350	2750	4550	5520	7810	5520			00377000
FI							8.11	560 620	00378000
YI 0.35	19	510	555	570	400	400			00379000
GR2142.5	0	2140.0	250	2135.0	305	2130.0	565	2124.0	610 00380000
GR2124.0	516	2125.0	520	2124.0	648	2126.0	655	2130.5	666 00381000
GR2120.5	560	2120.0	750	2125.0	730	2120.0	820	2127.0	900 00382000
GR2130.5	493	2130.7	1050	2130.0	1117				00383000
GR 0.080	0.100	0.050							00384000
FI							8.11	600 750	00385000
YI 0.45	11	572	721	670	650	630			00386000
GR2145.0	350	2140.0	390	2135.0	500	2135.0	672	2132.0	672 00387000
GR2130.0	630	2129.5	710	2130.5	721	2130.9	750	2139.0	765 00388000
GR2145.0	510								00389000
FI							8.11	600 750	00390000
YI 0.45	13	572	781	730	60	60			00391000

Y1	21	2130.0	490	2130.0	527	2130.0	525	2130.0	560	00392000
GR2135.0	672	2130.0	672	2130.0	680	2130.0	710	2130.0	721	00393000
GR2135.0	730	2130.0	705	2130.0	810					00394000
Y1	1.6	2130.0	0	2130.0	0	2130.0	0	2130.0	2130.0	00395000
Y1	0.45		20	20	20		500	750		00396000
Y2		2137.1	2130.0							00398000
Y1	220	2100.0	0	2100.0	0	525	2100.0	0		00399000
AT	672	2140.7	672	2140.0	2137.1	721	2140.0	2130.0	721	00400000
GR2140.0	0	165	2130.0	0	210	2105.0	0			00401000
Y1					5.11	540	750			00402000
Y1	0.45		10	10	10					00403000
Y1	0.12	0.12	0.065							00404000
Y1	0.61	15	505	550	550	550	550	550	550	00406000
GR2160.0	0	2150.0	310	2150.0	400	2145.0	440	2147.0	505	00407000
GR2147.0	539	2105.0	555	2100.0	565	2135.0	580	2135.0	620	00408000
GR2140.5	630	2150.0	605	2150.0	740	2155.0	800	2160.0	930	00409000
Y1	0.72	14	500	500	500	500	500	500	500	00410000
GR2165.0	220	2160.0	275	2160.0	330	2150.0	300	2145.0	300	00412000
GR2134.3	372	2130.0	370	2130.0	425	2145.0	420	2155.0	436	00413000
GR2160.0	435	2150.0	500	2150.0	570	2165.0	610			00414000
Y1	0.120	0.120	0.065							00415000
Y1	0.50	5	70	50	50	50	50	50	50	00416000
GR2180.0	205	2170.0	250	2170.0	310	2170.0	375	2150.0	505	00418000
GR2150.0	420	2170.0	550	2170.0	645	2180.0	730			00419000
Y1	0.120	0.120	0.065							00420000
AT	6	1200	500	4000	5000	1600	5360			00421000
Y1	5.03	21	70	700	720	720	720	710	600	00422000
GR2193.0	20	2170.0	135	2170.0	135	2170.0	250	2190.0	315	00424000
GR2190.0	610	2190.0	650	2190.0	136	2190.0	475	2190.0	480	00425000
GR2189.9	500	2170.0	500	2170.0	535	2180.0	510	2187.0	555	00426000
GR2185.5	500	2180.0	700	2180.0	720	2170.0	755	2170.0	772	00427000
GR2180.0	700	2180.0	700	2180.0	832					00428000
Y1	5.120	0.120	0.065							00429000
Y1	5.26	16	100	500	1200	1250	500	500		00430000
GR2220.0	250	2200.0	250	2200.0	250	2200.0	270	2200.0	300	00432000
GR2207.0	400	2207.0	470	2200.0	500	2205.0	510	2200.0	520	00433000
GR2197.0	555	2170.0	570	2200.0	580	2200.0	585	2205.0	575	00434000
GR2210.0	995									00435000
Y1	6.110	150	160							00436000
Y1	0	1270	2000	1500	5000	1300	5200			00437000
Y1	5.06	10	710	771	750	750	750	750	750	00438000
GR2225.0	230	2270.0	290	2215.0	310	2215.0	312	2212.0	320	00440000
GR2210.0	740	2210.0	770	2210.0	771	2210.0	795	2230.0	830	00441000
Y1	0.110	0.110	0.055	0.70	0.30	0.30	0.30	0.70	1.50	00442000



2175.5	1.71							550	0046000
2175.5	1.71								0047000
2150	1.10					4.11	20	100	0048000
2150	1.10								0049000
2150	1.10								0050000
2170	1.13					2266.2	40	2266.2	51 00501000
2170	1.13					2271.0	112	2276.0	118 00502000
2170	1.13					2276.0	325	2276.0	350 00503000
2170	1.13					2277.0			00504000
2170	1.13					2283.0			
2170	1.13					2290.0			00505000
2170	1.13					2292.0	350	570	00506000
2170	1.13					2295.0			00507000
2170	1.13					2298.0	280	2292.0	400 00508000
2170	1.13					2303.0	500	2293.0	520 00509000
2170	1.13					2308.0	525	2284.3	563 00510000
2170	1.13					2310.0			00511000
2170	1.13					2315.0			
2170	1.13					2320.0			00512000
2170	1.13					2325.0	550	680	00513000
2170	1.13					2330.0			00514000
2170	1.13					2335.0	3.0	2306.1	470 00515000
2170	1.13					2340.0	630	2306.0	650 00516000
2170	1.13					2345.0			00517000
2170	1.13					2350.0			
2170	1.13					2355.0			00518000
2170	1.13					2360.0	140	270	00519000
2170	1.13					2365.0			00520000
2170	1.13					2370.0	215	2311.2	215 00521000
2170	1.13					2375.0	236	2313.0	260 00522000
2170	1.13					2380.0	345	2325.0	370 00523000
2170	1.13					2385.0	448	2326.0	470 00524000
2170	1.13					2390.0			00525000
2170	1.13					2395.0			
2170	1.13					2400.0			00526000
2170	1.13					2405.0			00527000
2170	1.13					2410.0			00528000
2170	1.13					2415.0			
2170	1.13					2420.0			00529000
2170	1.13					2425.0	190	270	00530000
2170	1.13					2430.0			00531000
2170	1.13					2435.0			00532000
2170	1.13					2440.0			00533000
2170	1.13					2445.0	215	2324.0	2320.2 2324.1 00534000
2170	1.13					2450.0	240	2324.1	2324.0 2320.2 00535000
2170	1.13					2455.0			260 00536000
2170	1.13					2460.0			00537000
2170	1.13					2465.0			
2170	1.13					2470.0			00538000
2170	1.13					2475.0			00539000
2170	1.13					2480.0			00540000
2170	1.13					2485.0			
2170	1.13					2490.0			00541000
2170	1.13					2495.0			00542000
2170	1.13					2500.0			00543000
2170	1.13					2505.0			00544000
2170	1.13					2510.0			00545000
2170	1.13					2515.0			00546000
2170	1.13					2520.0			00547000