

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE #	NOTATION
COMPUTE HYD	501.00	-	1	20.92000	11517.35	1873.376	1.67905	7.200	.860	CN=	82.00
ROUTE RESERVOIR	505.00	1	5	20.92000	1043.14	470.150	.42138	10.320	.078	AC-FT=	1433.648
ROUTE	505.10	5	9	20.92000	1040.31	468.034	.41949	10.400	.078		
COMPUTE HYD	502.00	-	2	.50600	338.05	22.653	.83941	6.320	1.044	CN=	68.00
ADD HYD	502.10	9& 2	9	21.42600	1046.58	490.687	.42940	10.360	.076		
COMPUTE HYD	503.00	-	3	.04200	91.19	3.327	1.48542	6.120	3.392	CN=	79.00
ADD HYD	503.10	9& 3	9	21.46800	1047.22	494.014	.43147	10.360	.076		
COMPUTE HYD	315.00	-	15	.01230	26.82	1.262	1.92437	6.200	3.407	CN=	85.00
ADD HYD	315.10	9&15	9	21.48030	1047.45	495.276	.43232	10.360	.076		
ROUTE	313.30	9	5	21.48030	1047.00	494.479	.43163	10.400	.076		
ADD HYD	313.40	11& 5	11	21.56920	1048.58	502.642	.43694	10.400	.076		
COMPUTE HYD	316.00	-	16	.01620	51.67	1.664	1.92630	6.080	4.984	CN=	85.00
ADD HYD	316.10	11&16	11	21.58540	1048.86	504.306	.43806	10.400	.076		
ROUTE	316.20	11	5	21.58540	1047.23	502.375	.43638	10.480	.076		
COMPUTE HYD	318.00	-	18	.02150	43.11	1.781	1.55348	6.160	3.133	CN=	80.00
ADD HYD	318.10	5&18	11	21.60690	1047.57	504.156	.43750	10.480	.076		
COMPUTE HYD	317.00	-	17	.04520	103.91	3.746	1.55408	6.120	3.592	CN=	80.00
ROUTE	317.10	17	5	.04520	105.59	3.733	1.54853	6.360	3.650		
ADD HYD	318.20	11& 5	11	21.65210	1048.31	507.889	.43981	10.480	.076		
ROUTE	316.30	11	5	21.65210	1048.28	507.246	.43926	10.480	.076		
COMPUTE HYD	325.00	-	25	.01740	32.73	1.140	1.22888	6.080	2.939	CN=	75.00
ADD HYD	325.10	5&25	11	21.66950	1048.51	508.386	.43989	10.480	.076		
ROUTE	325.20	11	5	21.66950	1047.30	506.859	.43857	10.520	.076		
COMPUTE HYD	323.00	-	23	.03150	78.55	2.611	1.55445	6.080	3.896	CN=	80.00
ADD HYD	323.10	5&23	11	21.70100	1047.77	509.471	.44019	10.520	.075		
COMPUTE HYD	701.00	-	1	.20400	457.24	16.907	1.55397	6.120	3.502	CN=	80.00
ROUTE	701.10	1	5	.20400	441.85	16.840	1.54782	6.280	3.384		
COMPUTE HYD	702.00	-	2	.21900	415.40	18.142	1.55325	6.160	2.964	CN=	80.00
ADD HYD	702.10	5& 2	4	.42300	759.45	34.982	1.55063	6.280	2.805		
ROUTE	702.20	4	5	.42300	836.40	34.884	1.54626	6.520	3.090		
COMPUTE HYD	703.00	-	3	.40300	628.77	36.413	1.69415	6.320	2.438	CN=	82.00
ADD HYD	703.10	5& 3	4	.82600	1199.02	71.297	1.61842	6.520	2.268		
ROUTE	703.20	4	5	.82600	991.96	70.803	1.60721	7.200	1.876		
COMPUTE HYD	319.00	-	19	.05220	89.76	4.323	1.55271	6.200	2.687	CN=	80.00
ADD HYD	319.10	5&19	19	.87820	998.91	75.126	1.60397	7.200	1.777		
ROUTE	319.20	19	5	.87820	1001.95	75.064	1.60265	7.240	1.783		
COMPUTE HYD	320.00	-	20	.06110	114.62	4.004	1.22886	6.080	2.931	CN=	75.00
ADD HYD	320.10	5&20	5	.93930	1006.72	79.068	1.57833	7.240	1.675		
COMPUTE HYD	321.00	-	21	.01300	20.33	.851	1.22811	6.160	2.444	CN=	75.00
ADD HYD	320.20	5&21	5	.95230	1007.88	79.920	1.57355	7.240	1.654		
ROUTE RESERVOIR	502.00	5	3	.95230	.46	.628	.01237	23.960	.001	AC-FT=	79.281
ADD HYD	323.30	3&11	11	22.65330	1048.20	510.099	.42221	10.520	.072		
COMPUTE HYD	322.00	-	22	.01150	28.68	.953	1.55446	6.080	3.897	CN=	80.00
ROUTE	322.10	22	5	.01150	16.03	.949	1.54700	6.200	2.179		
ADD HYD	323.40	11& 5	11	22.66480	1048.40	511.048	.42278	10.520	.072		
ADD HYD	323.50	7&11	7	23.21580	1065.77	570.493	.46075	10.520	.072		
COMPUTE HYD	324.00	-	24	.01110	19.81	.727	1.22868	6.120	2.789	CN=	75.00
ADD HYD	324.10	7&24	7	23.22690	1065.91	571.220	.46112	10.520	.072		
FINISH				BASIN 300, 100 YEAR EVENT							

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1 NOTATION
START										TIME= .00
RAINFALL	TYPE= 5									RAIN24= 1.060
COMPUTE HYD	801.00	-	8	.28700	17.90	1.557	.10172	6.320	.097	CN= 80.00
ROUTE	801.10	8	5	.28700	5.63	1.511	.09872	6.680	.031	
COMPUTE HYD	802.00	-	9	.50100	43.64	3.632	.13595	6.360	.136	CN= 82.00
ADD HYD	802.10	5& 9	7	.78800	47.20	5.144	.12239	6.360	.094	
ROUTE	802.20	7	5	.78800	30.48	5.094	.12120	6.560	.060	
COMPUTE HYD	401.00	-	1	.07860	6.61	.427	.10196	6.160	.131	CN= 80.00
ADD HYD	401.10	5& 1	7	.86660	32.48	5.521	.11946	6.520	.059	
ROUTE	401.20	7	5	.86660	29.94	5.492	.11882	6.680	.054	
COMPUTE HYD	402.00	-	2	.02280	2.37	.124	.10210	6.080	.163	CN= 80.00
ADD HYD	402.10	5& 2	7	.88940	30.31	5.616	.11839	6.680	.053	
COMPUTE HYD	403.00	-	3	.08030	1.82	.177	.04125	6.160	.035	CN= 75.00
ADD HYD	403.10	7& 3	7	.96970	30.84	5.793	.11201	6.680	.050	
COMPUTE HYD	404.00	-	4	.00680	.16	.015	.04128	6.080	.037	CN= 75.00
ADD HYD	404.10	7& 4	7	.97650	30.89	5.808	.11151	6.680	.049	
COMPUTE HYD	405.00	-	6	.01470	.35	.032	.04128	6.080	.037	CN= 75.00
ADD HYD	405.10	7& 6	7	.99120	30.98	5.840	.11047	6.680	.049	
FINISH										BASIN 400, 2 YEAR EVENT

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1 NOTATION
START									TIME=	.00
RAINFALL	TYPE= 5								RAIN24=	1.630
COMPUTE HYD	801.00	-	8	.28700	79.30	5.356	.34990	6.280	.432 CN=	80.00
ROUTE	801.10	8	5	.28700	32.57	5.251	.34305	6.520	.177	
COMPUTE HYD	802.00	-	9	.50100	161.43	11.133	.41666	6.320	.503 CN=	82.00
ADD HYD	802.10	5& 9	7	.78800	184.97	16.384	.38985	6.360	.367	
ROUTE	802.20	7	5	.78800	151.22	16.275	.38726	6.480	.300	
COMPUTE HYD	401.00	-	1	.07860	29.85	1.469	.35050	6.160	.593 CN=	80.00
ADD HYD	401.10	5& 1	7	.86660	159.91	17.744	.38392	6.480	.288	
ROUTE	401.20	7	5	.86660	148.51	17.685	.38264	6.560	.268	
COMPUTE HYD	402.00	-	2	.02280	10.83	.427	.35082	6.080	.742 CN=	80.00
ADD HYD	402.10	5& 2	7	.88940	150.02	18.112	.38182	6.560	.264	
COMPUTE HYD	403.00	-	3	.08030	18.65	.922	.21518	6.120	.363 CN=	75.00
ADD HYD	403.10	7& 3	7	.96970	153.48	19.033	.36803	6.560	.247	
COMPUTE HYD	404.00	-	4	.00680	1.71	.078	.21528	6.080	.392 CN=	75.00
ADD HYD	404.10	7& 4	7	.97650	153.75	19.111	.36696	6.560	.246	
COMPUTE HYD	405.00	-	6	.01470	3.69	.169	.21528	6.080	.392 CN=	75.00
ADD HYD	405.10	7& 6	7	.99120	154.35	19.280	.36471	6.560	.243	
FINISH				BASIN 400, 5 YEAR EVENT						

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1	NOTATION
START											TIME= .00
RAINFALL	TYPE= 5										RAIN24= 2.080
COMPUTE HYD	801.00	-	8	.28700	148.51	9.322	.60904	6.280	.809	CN=	80.00
ROUTE	801.10	8	5	.28700	72.22	9.175	.59939	6.480	.393		
COMPUTE HYD	802.00	-	9	.50100	287.32	18.668	.69864	6.320	.896	CN=	82.00
ADD HYD	802.10	5& 9	7	.78800	342.60	27.842	.66249	6.360	.679		
ROUTE	802.20	7	5	.78800	295.69	27.691	.65889	6.440	.586		
COMPUTE HYD	401.00	-	1	.07860	56.14	2.557	.60994	6.160	1.116	CN=	80.00
ADD HYD	401.10	5& 1	7	.86660	314.19	30.248	.65445	6.440	.566		
ROUTE	401.20	7	5	.86660	285.50	30.171	.65279	6.560	.515		
COMPUTE HYD	402.00	-	2	.02280	20.41	.742	.61043	6.080	1.399	CN=	80.00
ADD HYD	402.10	5& 2	7	.88940	288.13	30.913	.65170	6.560	.506		
COMPUTE HYD	403.00	-	3	.08030	41.65	1.797	.41952	6.120	.810	CN=	75.00
ADD HYD	403.10	7& 3	7	.96970	294.87	32.710	.63248	6.560	.475		
COMPUTE HYD	404.00	-	4	.00680	3.81	.152	.41968	6.080	.877	CN=	75.00
ADD HYD	404.10	7& 4	7	.97650	295.41	32.862	.63100	6.560	.473		
COMPUTE HYD	405.00	-	6	.01470	8.24	.329	.41967	6.080	.876	CN=	75.00
ADD HYD	405.10	7& 6	7	.99120	296.58	33.191	.62786	6.560	.468		
FINISH											

BASIN 400, 10 YEAR EVENT

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1 NOTATION
START									TIME=	.00
RAINFALL	TYPE= 5								RAIN24=	2.600
COMPUTE HYD	801.00	-	8	.28700	244.24	14.613	.95469	6.280	1.330	CN= 80.00
ROUTE	801.10	8	5	.28700	132.96	14.424	.94231	6.480	.724	
COMPUTE HYD	802.00	-	9	.50100	456.95	28.521	1.06739	6.320	1.425	CN= 82.00
ADD HYD	802.10	5& 9	7	.78800	564.28	42.944	1.02183	6.360	1.119	
ROUTE	802.20	7	5	.78800	505.80	42.752	1.01726	6.440	1.003	
COMPUTE HYD	401.00	-	1	.07860	92.56	4.007	.95596	6.160	1.840	CN= 80.00
ADD HYD	401.10	5& 1	7	.86660	535.35	46.759	1.01170	6.440	.965	
ROUTE	401.20	7	5	.86660	477.51	46.670	1.00976	6.560	.861	
COMPUTE HYD	402.00	-	2	.02280	33.70	1.163	.95666	6.080	2.309	CN= 80.00
ADD HYD	402.10	5& 2	7	.88940	481.62	47.833	1.00840	6.560	.846	
COMPUTE HYD	403.00	-	3	.08030	76.09	3.031	.70775	6.120	1.481	CN= 75.00
ADD HYD	403.10	7& 3	7	.96970	492.95	50.864	.98350	6.560	.794	
COMPUTE HYD	404.00	-	4	.00680	6.97	.257	.70799	6.080	1.602	CN= 75.00
ADD HYD	404.10	7& 4	7	.97650	493.86	51.121	.98158	6.560	.790	
COMPUTE HYD	405.00	-	6	.01470	15.07	.555	.70798	6.080	1.601	CN= 75.00
ADD HYD	405.10	7& 6	7	.99120	495.83	51.676	.97753	6.560	.782	
FINISH										

BASIN 400, 25 YEAR EVENT

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1	NOTATION
START											TIME= .00
RAINFALL	TYPE= 5										RAIN24= 3.000
COMPUTE HYD	801.00	-	8	.28700	326.37	19.059	1.24511	6.280	1.777		CN= 80.00
ROUTE	801.10	8	5	.28700	187.99	18.843	1.23103	6.480	1.023		
COMPUTE HYD	802.00	-	9	.50100	600.02	36.697	1.37338	6.320	1.871		CN= 82.00
ADD HYD	802.10	5&	9 7	.78800	756.13	55.540	1.32154	6.360	1.499		
ROUTE	802.20	7	5	.78800	688.76	55.322	1.31635	6.440	1.366		
COMPUTE HYD	401.00	-	1	.07860	123.80	5.226	1.24667	6.160	2.461		CN= 80.00
ADD HYD	401.10	5&	1 7	.86660	727.61	60.548	1.31003	6.440	1.312		
ROUTE	401.20	7	5	.86660	637.98	60.442	1.30773	6.560	1.150		
COMPUTE HYD	402.00	-	2	.02280	45.07	1.517	1.24751	6.080	3.089		CN= 80.00
ADD HYD	402.10	5&	2 7	.88940	643.33	61.959	1.30619	6.560	1.130		
COMPUTE HYD	403.00	-	3	.08030	107.07	4.104	.95835	6.120	2.083		CN= 75.00
ADD HYD	403.10	7&	3 7	.96970	658.64	66.063	1.27738	6.560	1.061		
COMPUTE HYD	404.00	-	4	.00680	9.81	.348	.95864	6.080	2.255		CN= 75.00
ADD HYD	404.10	7&	4 7	.97650	659.87	66.410	1.27516	6.560	1.056		
COMPUTE HYD	405.00	-	6	.01470	21.21	.752	.95863	6.080	2.254		CN= 75.00
ADD HYD	405.10	7&	6 7	.99120	662.53	67.162	1.27047	6.560	1.044		
FINISH											

BASIN 400, 50 YEAR EVENT

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1	NOTATION
START											TIME= .00
RAINFALL	TYPE= 5										RAIN24= 3.400
COMPUTE HYD	801.00	-	8	.28700	413.99	23.750	1.55160	6.280	2.254	CN=	80.00
ROUTE	801.10	8	5	.28700	249.59	23.514	1.53622	6.440	1.359		
COMPUTE HYD	802.00	-	9	.50100	750.98	45.258	1.69378	6.320	2.342	CN=	82.00
ADD HYD	802.10	5& 9	7	.78800	963.30	68.772	1.63639	6.360	1.910		
ROUTE	802.20	7	5	.78800	885.73	68.534	1.63073	6.440	1.756		
COMPUTE HYD	401.00	-	1	.07860	157.08	6.512	1.55346	6.160	3.123	CN=	80.00
ADD HYD	401.10	5& 1	7	.86660	934.39	75.046	1.62372	6.440	1.685		
ROUTE	401.20	7	5	.86660	785.77	74.925	1.62109	6.560	1.417		
COMPUTE HYD	402.00	-	2	.02280	57.16	1.890	1.55447	6.080	3.917	CN=	80.00
ADD HYD	402.10	5& 2	7	.88940	792.42	76.815	1.61939	6.560	1.392		
COMPUTE HYD	403.00	-	3	.08030	141.15	5.262	1.22856	6.120	2.747	CN=	75.00
ADD HYD	403.10	7& 3	7	.96970	812.00	82.077	1.58702	6.560	1.308		
COMPUTE HYD	404.00	-	4	.00680	12.94	.446	1.22892	6.080	2.973	CN=	75.00
ADD HYD	404.10	7& 4	7	.97650	813.57	82.522	1.58453	6.560	1.302		
COMPUTE HYD	405.00	-	6	.01470	27.95	.963	1.22891	6.080	2.971	CN=	75.00
ADD HYD	405.10	7& 6	7	.99120	816.98	83.486	1.57926	6.560	1.288		
FINISH											

BASIN 400, 100 YEAR EVENT

AHYMO SUMMARY TABLE (AHYMO993) - AMAFCA VERSION OF HYMO - SEPTEMBER, 1993  
 INPUT FILE = nmsu600a.dat - BASIN 600, 2 YEAR EVENT

RUN DATE (MON/DAY/YR) =03/29/1995  
 USER NO.= MOLZCONM.I01

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1 NOTATION
START									TIME=	.00
RAINFALL TYPE= 5									RAIN24=	1.060
COMPUTE HYD	601.00	-	1	.03390	.81	.075	.04129	6.080	.037 CN=	75.00
COMPUTE HYD	602.00	-	2	.02470	2.34	.134	.10204	6.120	.148 CN=	80.00
COMPUTE HYD	603.00	-	3	.00930	2.46	.100	.20169	6.080	.414 CN=	85.00
ADD HYD	603.10	2& 3	7	.03400	4.59	.234	.12930	6.120	.211	
COMPUTE HYD	604.00	-	4	.01990	8.27	.305	.28746	6.080	.650 CN=	88.00
COMPUTE HYD	605.00	-	6	.01540	15.58	.505	.61442	6.080	1.581 CN=	95.00
FINISH				BASIN 600, 2 YEAR EVENT						



COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1	NOTATION
START											TIME= .00
RAINFALL TYPE= 5											RAIN24= 1.222
COMPUTE HYD	601.00	-	1	.03390	15.81	.144	.07979	6.080	.729		CN= 75.00
COMPUTE HYD	602.00	-	2	.02470	16.95	.214	.16261	6.120	1.072		CN= 80.00
COMPUTE HYD	603.00	-	3	.00930	11.10	.143	.28778	6.080	1.865		CN= 85.00
ADD HYD	603.10	2& 3	7	.03400	26.84	.503	.27756	6.080	1.233		
COMPUTE HYD	604.00	-	4	.01990	30.23	.415	.39081	6.080	2.373		CN= 88.00
COMPUTE HYD	605.00	-	6	.01540	39.09	.625	.76070	6.080	3.966		CN= 95.00
FINISH				BASIN 600, 5 YEAR EVENT							

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE #	NOTATION
START										1	
											TIME= .00
RAINFALL	TYPE= 5										RAIN24= 2.080
COMPUTE HYD	601.00	-	1	.03390	19.16	.759	.41968	6.080	.883		CN= 75.00
COMPUTE HYD	602.00	-	2	.02470	20.03	.804	.61022	6.120	1.267		CN= 80.00
COMPUTE HYD	603.00	-	3	.00930	12.60	.423	.85253	6.080	2.117		CN= 85.00
ADD HYD	603.10	2& 3	7	.03400	31.35	1.227	.67650	6.120	1.441		
COMPUTE HYD	604.00	-	4	.01990	33.61	1.091	1.02821	6.080	2.639		CN= 88.00
COMPUTE HYD	605.00	-	6	.01540	39.97	1.279	1.55696	6.080	4.055		CN= 95.00
FINISH											

BASIN 600, 10 YEAR EVENT

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1	NOTATION
START											TIME= 1.00
RAINFALL	TYPE= 5										RAIN24= 2.600
COMPUTE HYD	601.00	-	1	.03390	35.02	1.280	.70799	6.080	1.614	CN=	75.00
COMPUTE HYD	602.00	-	2	.02470	33.06	1.260	.95636	6.120	2.091	CN=	80.00
COMPUTE HYD	603.00	-	3	.00930	19.13	.623	1.25630	6.080	3.214	CN=	85.00
ADD HYD	603.10	2& 3	7	.03400	50.18	1.883	1.03840	6.120	2.306		
COMPUTE HYD	604.00	-	4	.01990	48.75	1.555	1.46496	6.080	3.828	CN=	88.00
COMPUTE HYD	605.00	-	6	.01540	52.64	1.690	2.05727	6.080	5.341	CN=	95.00
FINISH											

BASIN 600, 25 YEAR EVENT

AHYMO SUMMARY TABLE (AHYMO993) - AMAFCA VERSION OF HYMO - SEPTEMBER, 1993  
 INPUT FILE = NMSU600E.DAT - BASIN 600, 50 YEAR EVENT

RUN DATE (MON/DAY/YR) =03/29/1995  
 USER NO. = MOLZCOMM.I01

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1	NOTATION
START											TIME= .00
RAINFALL	TYPE= 5										RAIN24= 3.000
COMPUTE HYD	601.00	-	1	.03390	49.30	1.733	.95865	6.080	2.272	CN=	75.00
COMPUTE HYD	602.00	-	2	.02470	44.23	1.643	1.24715	6.120	2.798	CN=	80.00
COMPUTE HYD	603.00	-	3	.00930	24.47	.786	1.58548	6.080	4.111	CN=	85.00
ADD HYD	603.10	2& 3	7	.03400	66.08	2.429	1.33969	6.120	3.037		
COMPUTE HYD	604.00	-	4	.01990	60.85	1.927	1.81525	6.080	4.778	CN=	88.00
COMPUTE HYD	605.00	-	6	.01540	62.39	2.009	2.44612	6.080	6.330	CN=	95.00
FINISH				BASIN 600, 50 YEAR EVENT							

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1	NOTATION
START											TIME= .00
RAINFALL	TYPE= 5										RAIN24= 3.400
COMPUTE HYD	601.00	-	1	.03390	64.98	2.222	1.22892	6.080	2.995	CN=	75.00
COMPUTE HYD	602.00	-	2	.02470	56.13	2.047	1.55403	6.120	3.551	CN=	80.00
COMPUTE HYD	603.00	-	3	.00930	29.99	.955	1.92635	6.080	5.038	CN=	85.00
ADD HYD	603.10	2& 3	7	.03400	82.86	3.003	1.65587	6.120	3.808		
COMPUTE HYD	604.00	-	4	.01990	73.19	2.308	2.17432	6.080	5.747	CN=	88.00
COMPUTE HYD	605.00	-	6	.01540	72.12	2.330	2.83720	6.080	7.318	CN=	95.00
FINISH											

BASIN 600, 100 YEAR EVENT

**APPENDIX E**

**CAPITAL IMPROVEMENTS PROGRAM**

**A. Astronomy building. (Ref. NMSU GIS C5 SE)**

ITEM NO.	DESCRIPTION	UNIT	ESTIM. QUANT.	UNIT PRICE	AMOUNT
1	Excavation for Ponding Area	CY			0.00
2	Removal of Sidewalk	SY			0.00
3	Removal of Curb and Gutter	LF			0.00
4	Removal of Drop Structure	LS			0.00
	Construct New Sidewalk	SF			0.00
	Construct New Curb and Gutter	LF			0.00
5	Concrete for New Drop Structure	CY	1	100	100.00
SUBTOTAL CONSTRUCTION					100.00
ENGINEERING DESIGN AND ADMINISTRATION				12%	12.00
SUBTOTAL					112.00
CONTINGENCIES AND NMGRT				16%	17.92
PROJECT TOTAL					129.92

**B. Post Office. (Ref. NMSU GIS C5 SE)**

ITEM NO.	DESCRIPTION	UNIT	ESTIM. QUANT.	UNIT PRICE	AMOUNT
1					
<b>SUBTOTAL CONSTRUCTION</b>					<b>100.00</b>
<b>ENGINEERING DESIGN AND ADMINISTRATION</b>				<b>12%</b>	<b>12.00</b>
<b>SUBTOTAL</b>					<b>112.00</b>
<b>CONTINGENCIES AND NMGRT</b>				<b>16%</b>	<b>17.92</b>
<b>PROJECT TOTAL</b>					<b>129.92</b>

C. Branson Library. (Ref. NMSU GIS C5 SE)

ITEM NO.	DESCRIPTION	UNIT	ESTIM. QUANT.	UNIT PRICE	AMOUNT
1					
SUBTOTAL CONSTRUCTION					100.00
ENGINEERING DESIGN AND ADMINISTRATION				12%	12.00
SUBTOTAL					112.00
CONTINGENCIES AND NMGR				16%	17.92
PROJECT TOTAL					129.92



**D. New Science Building. (Ref. NMSU GIS C5 SE)**

ITEM NO.	DESCRIPTION	UNIT	ESTIM. QUANT.	UNIT PRICE	AMOUNT
1					
SUBTOTAL CONSTRUCTION					100.00
ENGINEERING DESIGN AND ADMINISTRATION				12%	12.00
SUBTOTAL					112.00
CONTINGENCIES AND NMGRT				16%	17.92
PROJECT TOTAL					129.92

**E. Physical Plant. (Ref. NMSU GIS D4 SW)**

ITEM NO.	DESCRIPTION	UNIT	ESTIM. QUANT.	UNIT PRICE	AMOUNT
1					
SUBTOTAL CONSTRUCTION					100.00
ENGINEERING DESIGN AND ADMINISTRATION				12%	12.00
SUBTOTAL					112.00
CONTINGENCIES AND NMGRT				16%	17.92
PROJECT TOTAL					129.92

**APPENDIX F**

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**PLATES**