

APPENDIX A

MEAN DAILY DISCHARGE VALUES AND HYDROGRAPHS FOR WATER YEAR 1982

I. MBMG STATIONS

FLUME #1
WEIR #2
WEIR #3
FLUME #4
FLUME #5
FLUME #6
FLUME #8
FLUME #9
FLUME #10
CULVERT #11
FLUME #12
MUDDY CREEK AT CORDOVA

II. USGS STATIONS

MUDDY CREEK NEAR POWER
SPRING COULEE NEAR POWER
TANK COULEE NEAR POWER
MUDDY CREEK NEAR VAUGHN (GORDON)

STATION F0182 FLUME#1, MUDDY CREEK PROJECT, GREENFIELDS BENCH
 WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 21N R 01E SEC 04 DBB LAT 0 0 0 N LONG 0 0 0 W

DAY	MEAN DISCHARGE, CFS											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.711	0.230	0.201	0.071*	0.060	0.070*	0.015	0.005	0.711	0.956*	4.355*	0.150*
2	0.429	0.230	0.201	0.059*	0.060	0.070*	0.000	0.005	0.711	1.200*	4.135*	0.148*
3	0.393	0.230	0.201	0.047*	0.060	0.070*	0.000	0.005	0.711	1.444*	3.915*	0.146*
4	0.393	0.230	0.201	0.036*	0.060	0.071*	0.000	0.000	0.711	1.688*	3.695*	0.143*
5	0.393	0.230	0.230	0.024*	0.060	0.071*	0.005	0.000	0.711	1.932*	3.475*	0.141*
6	0.393	0.230	0.260	0.012*	0.060	0.072*	0.027	0.000	0.668	2.177*	3.255*	0.139*
7	0.393	0.260	0.292	0.000	0.060	0.072*	0.005	0.000	0.668	2.421*	3.035*	0.137*
8	0.393	0.260	0.174	0.000	0.060	0.073*	0.005	0.000	0.626	2.665	2.815*	0.135*
9	0.358	0.230	0.201	0.000	0.060*	0.073*	0.005	0.000	0.584	2.596	2.595*	0.133*
10	0.358	0.230	0.201	0.000	0.061*	0.074*	0.100	0.000	0.584	1.246	2.375*	0.131*
11	0.358	0.230	0.358	0.000	0.061*	0.074*	0.230	0.000	0.544	1.580	2.154*	0.129*
12	0.393	0.230	0.260	0.000	0.062*	0.075*	0.148	0.000	0.544	2.194	1.934*	0.127*
13	0.429	0.230	0.292	0.000	0.062*	0.075*	0.027	0.711	0.505	2.260	1.714*	0.125*
14	0.429	0.230	0.174	0.027	0.063*	0.076*	0.015	2.596	0.505	2.392	1.494*	0.123
15	0.358	0.230	0.027	0.042	0.063*	0.076*	0.015	1.300	0.543*	2.130	1.274*	0.100
16	0.324	0.201	0.027	0.060	0.064*	0.076*	0.015	0.466	0.581*	0.847	1.054*	0.100
17	0.324	0.201	0.027	0.060	0.064*	0.077*	0.015	0.429	0.619*	0.990	0.834*	0.100
18	0.292	0.201	0.027	0.060	0.064*	0.077*	0.015	0.668	0.657*	0.942	0.614*	0.100
19	0.260	0.201	0.027	0.060	0.065*	0.078*	0.060	0.544	0.695*	1.523	0.394*	0.100
20	0.260	0.201	0.015	0.060	0.065*	0.078*	0.042	1.878	0.733*	2.392	0.174	0.100
21	0.260	0.201	0.201	0.060	0.066*	0.079*	0.060	0.544	0.771*	1.142	0.172*	0.100
22	0.260	0.201	0.189*	0.060	0.066*	0.079	0.042	1.638	0.809*	1.090	0.170*	0.100
23	0.260	0.201	0.178*	0.060	0.067*	0.079	0.015	0.466	0.847	1.040	0.168*	0.100
24	0.260	0.201	0.166*	0.060	0.067*	0.079	0.015	0.429	0.894	1.246	0.166*	0.100
25	0.260	0.201	0.154*	0.060	0.068*	0.079	0.005	2.260	1.410	1.523	0.164*	0.100
26	0.230	0.201	0.142*	0.060	0.068*	0.079	0.005	3.167	1.638	1.410	0.162*	0.100
27	0.230	0.201	0.130*	0.060	0.069*	0.505	0.005	3.467	1.040	2.459	0.160*	0.230
28	0.230	0.201	0.118*	0.060	0.069*	0.358	0.005	3.776	2.260	2.948	0.158*	0.148
29	0.230	0.201	0.107*	0.060	0.000	0.123	0.005	3.855	1.817	5.015	0.156*	0.123
30	0.230	0.201	0.095*	0.060	0.000	0.100	0.005	1.466	0.711	4.795*	0.154*	0.123
31	0.230	0.000	0.083*	0.060	0.000	0.042	0.000	0.756	0.000	4.575*	0.152*	0.000
DTAL	10.325	6.529	4.960	1.276	1.772	3.082	0.905	30.431	24.809	62.818	47.068	3.739
MEAN	0.333	0.218	0.160	0.041	0.063	0.099	0.030	0.982	0.827	2.026	1.518	0.125
MAX	0.711	0.260	0.358	0.071	0.069	0.505	0.230	3.855	2.260	5.015	4.355	0.230
MIN	0.230	0.201	0.015	0.000	0.060	0.042	0.000	0.000	0.505	0.847	0.152	0.100
IC-FT	20.478	12.951	9.838	2.530	3.516	6.113	1.794	60.359	49.207	124.598	93.358	7.417

** DISCHARGE, CFS **

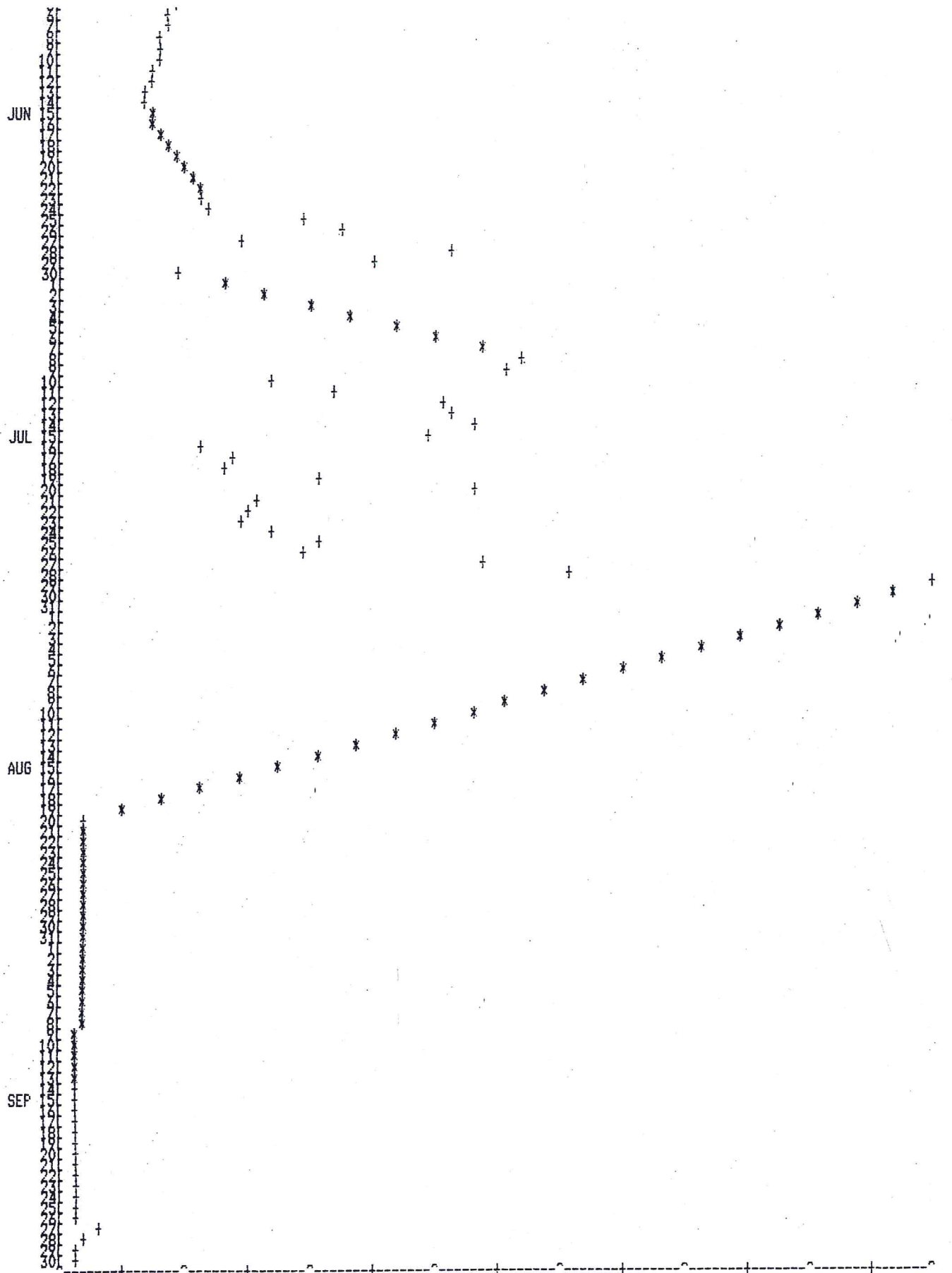


FER

MAR

APR

MAY



** DISCHARGE, CFS **

STOP 0.00
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1.43

2.15

2.87

3.58

4.30

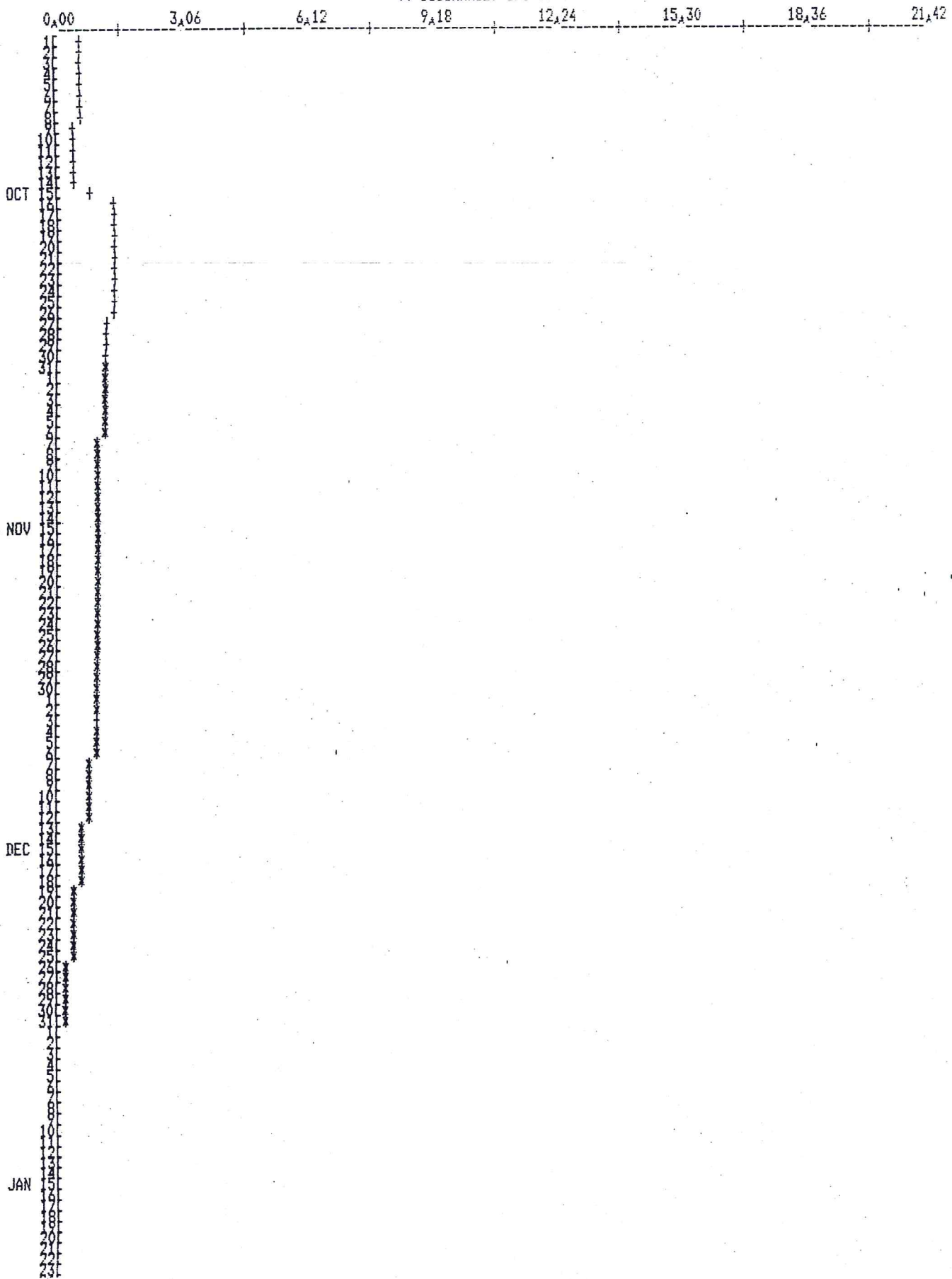
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' STATION W282 WEIR#2, MUDDY CREEK PROJECT, GREENFIELDS BENCH
WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 22N R 01E SEC 33 CCC

LAT 0 0 0 N LONG 0 0 0 W

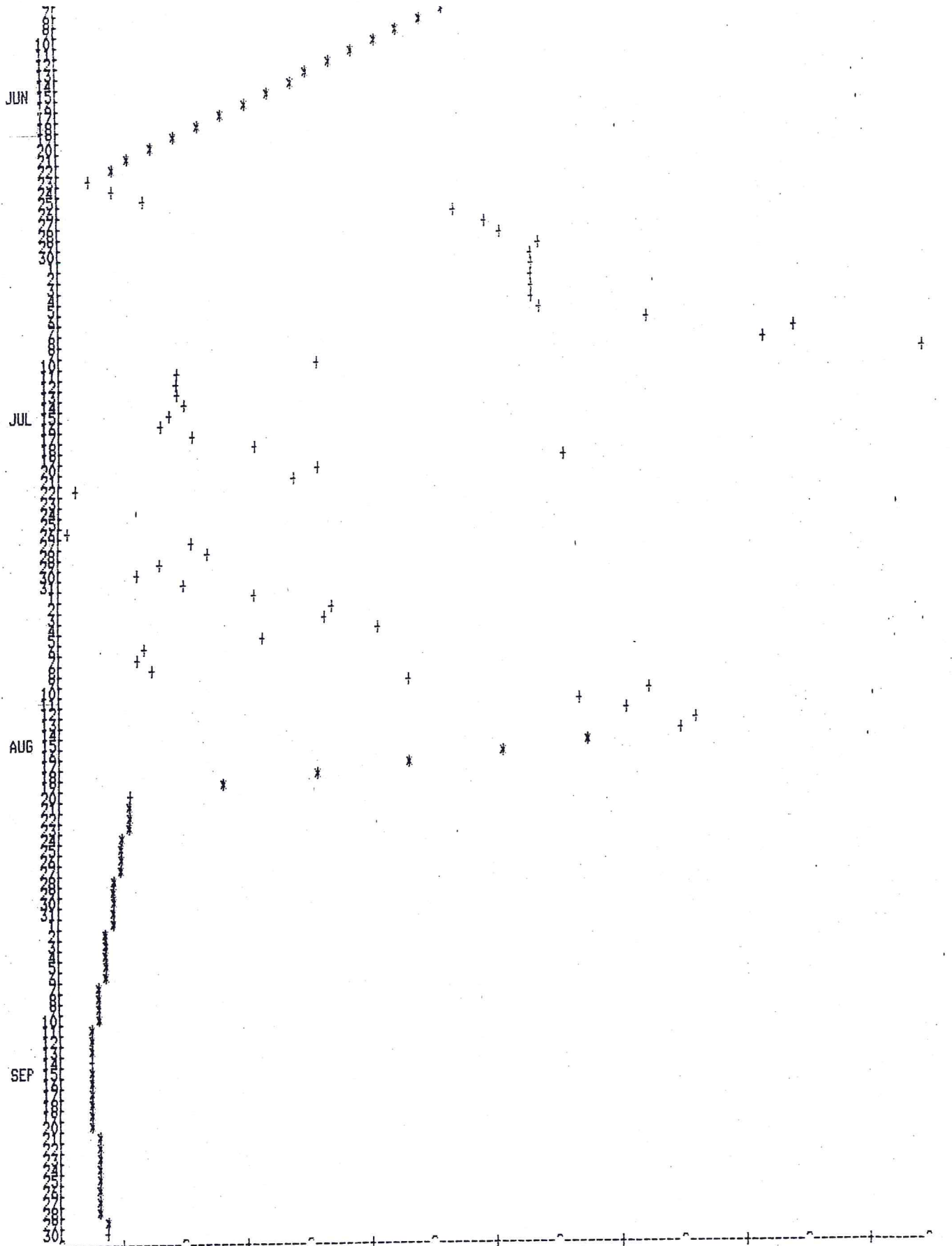
DAY	MEAN DISCHARGE, CFS											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.709	1.167*	1.058*	0.180*	0.000*	0.000	0.932	0.063	12.853	11.752	4.844	1.358*
2	0.709	1.164*	1.055*	0.150*	0.000*	0.024*	0.932	0.063	12.306*	11.752	6.769	1.317*
3	0.605	1.160*	1.051	0.120*	0.000*	0.048*	0.818	0.000	11.759*	11.752	6.545	1.275*
4	0.605	1.157*	1.021*	0.090*	0.000*	0.072*	0.818	0.000	11.212*	11.752	7.928	1.234*
5	0.605	1.153*	0.991*	0.060*	0.000*	0.097*	0.818	0.000	10.665*	12.024	5.047	1.192*
6	0.605	1.149*	0.961*	0.030*	0.000*	0.121*	0.818	0.000	10.118*	14.565	2.158	1.151*
7	0.605	1.146*	0.931*	0.000	0.000*	0.145*	0.818	0.000	9.571*	18.197	2.006	1.109*
8	0.605	1.142*	0.901*	0.000*	0.000*	0.169*	0.932	0.932	9.024*	17.574	2.314	1.068*
9	0.507	1.138*	0.871*	0.000*	0.000*	0.193*	0.932	5.253	8.477*	21.423	8.653	1.026*
10	0.415	1.135*	0.841*	0.000*	0.000*	0.217*	0.932	5.253	7.930*	6.323	14.565	0.984*
11	0.415	1.131*	0.811*	0.000*	0.000*	0.242*	0.932	5.047	7.383*	2.973	12.853	0.943*
12	0.415	1.127*	0.781*	0.000*	0.000*	0.266*	0.932	5.253	6.836*	2.973	13.987	0.901*
13	0.415	1.124*	0.751*	0.000*	0.000*	0.290*	0.932	3.146	6.289*	2.973	15.746	0.860*
14	0.415	1.120*	0.721*	0.000*	0.000*	0.314*	0.932	1.572	5.742*	3.146	15.448	0.818
15	0.818	1.117*	0.691*	0.000*	0.000*	0.338*	0.932	0.709	5.194*	2.803	13.183*	0.840*
16	1.435	1.113*	0.661*	0.000*	0.000*	0.362*	0.818	0.709	4.647*	2.637	10.918*	0.863*
17	1.435	1.109*	0.631*	0.000*	0.000*	0.387*	0.818	0.605	4.100*	3.323	8.653*	0.885*
18	1.435	1.106*	0.601*	0.000*	0.000*	0.411*	0.507	0.415	3.553*	4.844	6.388*	0.907*
19	1.435	1.102*	0.571*	0.000*	0.000*	0.435*	0.063	0.251	3.006*	12.575	4.122*	0.930*
20	1.435	1.098*	0.541*	0.000*	0.000*	0.459*	0.022	0.179	2.459*	6.323	1.857	0.952*
21	1.435	1.095*	0.511*	0.000*	0.000*	0.483*	0.000	0.179	1.912*	5.887	1.816*	0.974*
22	1.435	1.091*	0.481*	0.000*	0.000*	0.507	0.000	0.251	1.365*	0.415	1.774*	0.996*
23	1.435	1.087*	0.450*	0.000*	0.000*	0.527*	0.000	0.251	0.818	0.000	1.733*	1.019*
24	1.435	1.084*	0.420*	0.000*	0.000*	0.547*	0.000	4.643	1.435	0.000	1.691*	1.041*
25	1.435	1.080*	0.390*	0.000*	0.000*	0.566*	0.000	5.887	2.158	0.000	1.649*	1.063*
26	1.435	1.077*	0.360*	0.000*	0.000*	0.586*	0.022	7.458	9.905	0.251	1.608*	1.086*
27	1.303	1.073*	0.330*	0.000*	0.000*	0.605	0.022	9.650	10.684	3.323	1.566*	1.108*
28	1.303	1.069*	0.300*	0.000*	0.000*	0.932	0.063	11.752	10.948	3.685	1.525*	1.130*
29	1.303	1.066*	0.270*	0.000*	0.000	0.932	0.063	13.700	12.024	2.637	1.483*	1.152*
30	1.175	1.062*	0.240*	0.000*	0.000	0.932	0.063	13.416	11.752	2.006	1.442*	1.175
31	1.171*	0.000	0.210*	0.000*	0.000	0.932	0.000	13.133	0.000	3.146	1.400*	0.000
TOTAL	30.495	33.442	20.402	0.631	0.000	12.142	15.877	109.773	216.124	203.032	181.670	31.357
MEAN	0.984	1.115	0.658	0.020	0.000	0.392	0.529	3.541	7.204	6.549	5.860	1.045
MAX	1.435	1.167	1.058	0.180	0.000	0.932	0.932	13.700	12.853	21.423	15.746	1.358
MIN	0.415	1.062	0.210	0.000	0.000	0.000	0.000	0.000	0.818	0.000	1.400	0.818
AC-FT	60.485	66.330	40.468	1.251	0.000	24.083	31.492	217.732	428.677	402.709	360.338	62.196

** DISCHARGE, CFS **



MAY

[illegible]



** DISCHARGE, CFS **

STOP 0.00
Ready

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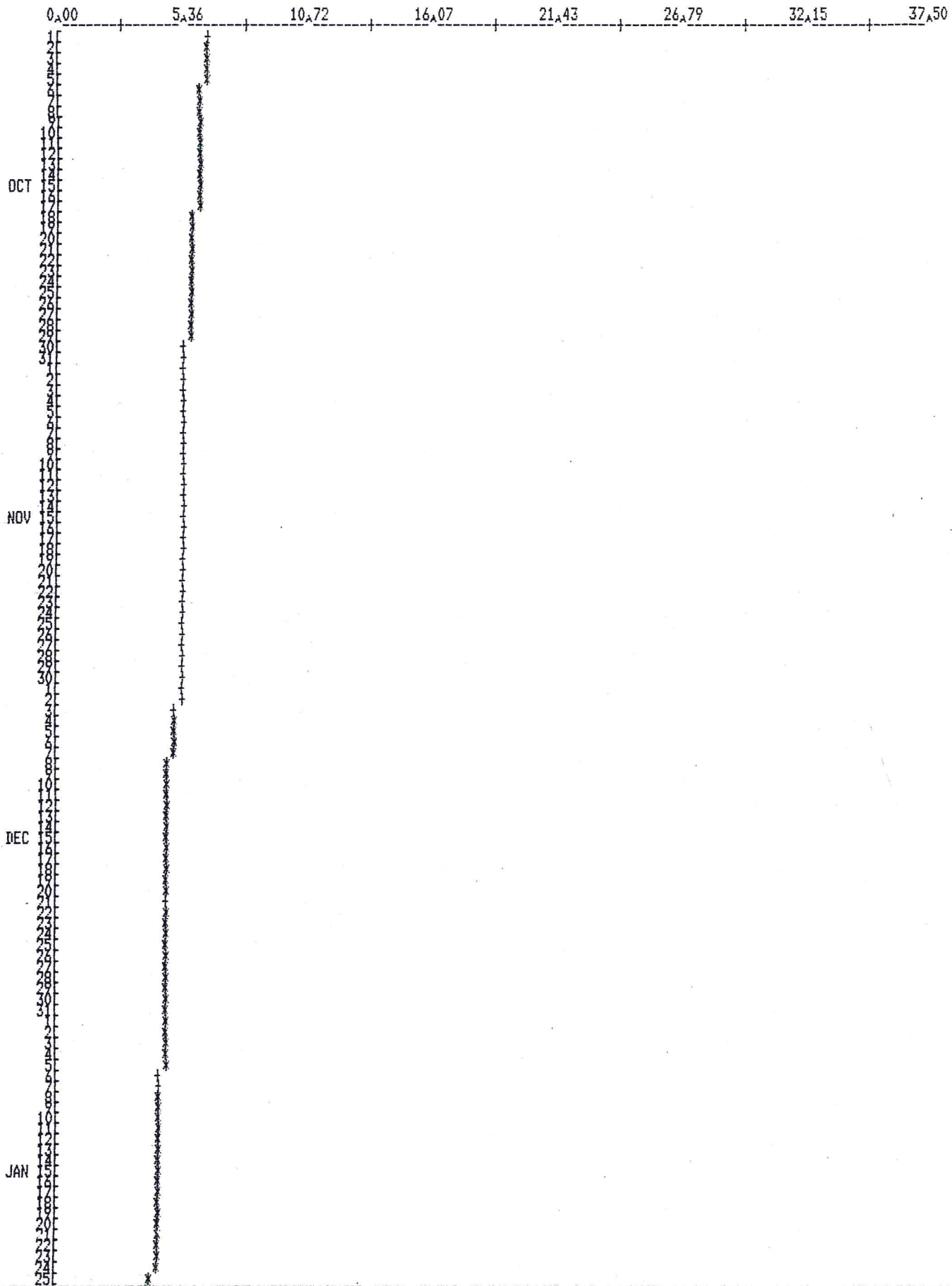
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STATION W382 WEIR#3, MUDDY CREEK PROJECT, GREENFIELDS BENCH
WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 22N R 01E SEC 32 BDA LAT 0 0 0 N LONG 0 0 0 W

DAY	OCT	NOV	DEC	JAN	FEB	MEAN DISCHARGE, CFS		MAY	JUN	JUL	AUG	SEP
						MAR	APR					
1	6.493	5.665	5.464	4.744	4.200	3.657	2.749	1.801	16.023	7.804	25.778	7.804
2	6.465	5.665	5.464	4.732	4.180	3.638	2.699	1.781	18.466	16.889	25.028	7.804
3	6.436	5.665	5.069	4.720	4.161	3.618	2.649	1.762	20.930	13.721	26.171	7.804
4	6.408	5.665	5.058	4.708	4.142	3.599	2.599	1.743	19.883	11.542	28.305	7.804
5	6.379	5.665	5.047	4.696	4.122	3.580	2.549	1.724	20.191	12.937	30.893	7.580
6	6.350	5.665	5.037	4.684	4.103	3.560	2.498	2.748	20.501	10.573	29.831	7.580
7	6.322	5.665	5.026	4.684	4.083	3.541	2.448	3.772	19.883	11.308	31.923	7.358
8	6.293	5.665	5.015	4.665	4.064	3.522	2.398	4.796	21.125	14.822	34.892	7.358
9	6.265	5.665	5.004	4.645	4.045	3.502	2.348	5.820	21.637	17.499	37.505	7.358
10	6.236	5.665	4.994	4.626	4.025	3.483	2.298	6.844	16.166	12.937	30.316	7.358
11	6.208	5.665	4.983	4.607	4.006	3.463	2.248	7.868	13.960	13.182	29.480	7.580
12	6.179	5.665	4.972	4.587	3.987	3.444	2.198	8.892	13.994	19.043	26.762	7.804
13	6.151	5.665	4.961	4.568	3.967	3.425	2.148	9.916	15.172	21.021	20.423	7.804
14	6.122	5.665	4.951	4.548	3.948	3.405	2.128	10.907	16.071	22.473	18.817	7.804
15	6.093	5.665	4.940	4.529	3.928	3.386	2.109	10.907	10.304	21.835	18.142	7.580
16	6.065	5.665	4.929	4.510	3.909	3.367	2.090	10.907	9.916	27.074	12.026	7.580
17	6.036	5.464	4.918	4.490	3.890	3.347	2.071	10.656	15.196	33.328	10.907	7.580
18	6.008	5.464	4.908	4.471	3.870	3.328	2.051	10.160	14.337	34.291	10.407	7.358
19	5.979	5.464	4.897	4.452	3.851	3.308	2.032	10.907	13.383	33.039	10.160	7.358
20	5.951	5.464	4.886	4.432	3.832	3.289	2.013	10.907	10.407	26.311	9.412	7.139
21	5.922	5.464	4.875	4.413	3.812	3.270	1.993	10.907	8.751	26.876	8.722	7.139
22	5.893	5.464	4.863	4.393	3.793	3.250	1.974	10.907	8.576	25.305	8.722	7.139
23	5.865	5.464	4.851	4.374	3.773	3.200	1.955	11.670	11.574	25.249	8.722	6.921
24	5.836	5.464	4.839	4.355	3.754	3.150	1.936	16.023	8.810	28.478	8.722	6.921
25	5.808	5.464	4.827	4.335	3.735	3.100	1.916	16.023	6.599	29.568	8.489	6.921
26	5.779	5.464	4.816	4.316	3.715	3.050	1.897	16.023	6.840	32.073	8.489	7.139
27	5.751	5.464	4.804	4.297	3.696	3.000	1.878	16.023	7.139	30.051	8.259	10.760
28	5.722	5.464	4.792	4.277	3.677	2.950	1.859	16.023	9.173	26.424	8.030	8.489
29	5.694	5.464	4.780	4.258	0.000	2.899	1.839	16.023	15.102	27.273	8.030	8.030
30	5.665	5.464	4.768	4.238	0.000	2.849	1.820	16.023	8.489	20.423	8.030	7.804
31	5.665	0.000	4.756	4.219	0.000	2.799	0.000	16.023	0.000	21.099	7.804	0.000
TOTAL	188.038	167.134	153.494	139.574	110.268	102.979	65.390	296.482	418.600	674.450	559.199	228.663
MEAN	6.066	5.571	4.951	4.502	3.938	3.322	2.180	9.564	13.953	21.756	18.039	7.622
MAX	6.493	5.665	5.464	4.744	4.200	3.657	2.749	16.023	21.637	34.291	37.505	10.760
MIN	5.665	5.464	4.756	4.219	3.677	2.799	1.820	1.724	6.599	7.804	7.804	6.921
AC-FT	372.968	331.505	304.451	276.841	218.713	204.256	129.699	588.063	830.280	1337.752	1109.154	453.547

** DISCHARGE, CFS **



FEB

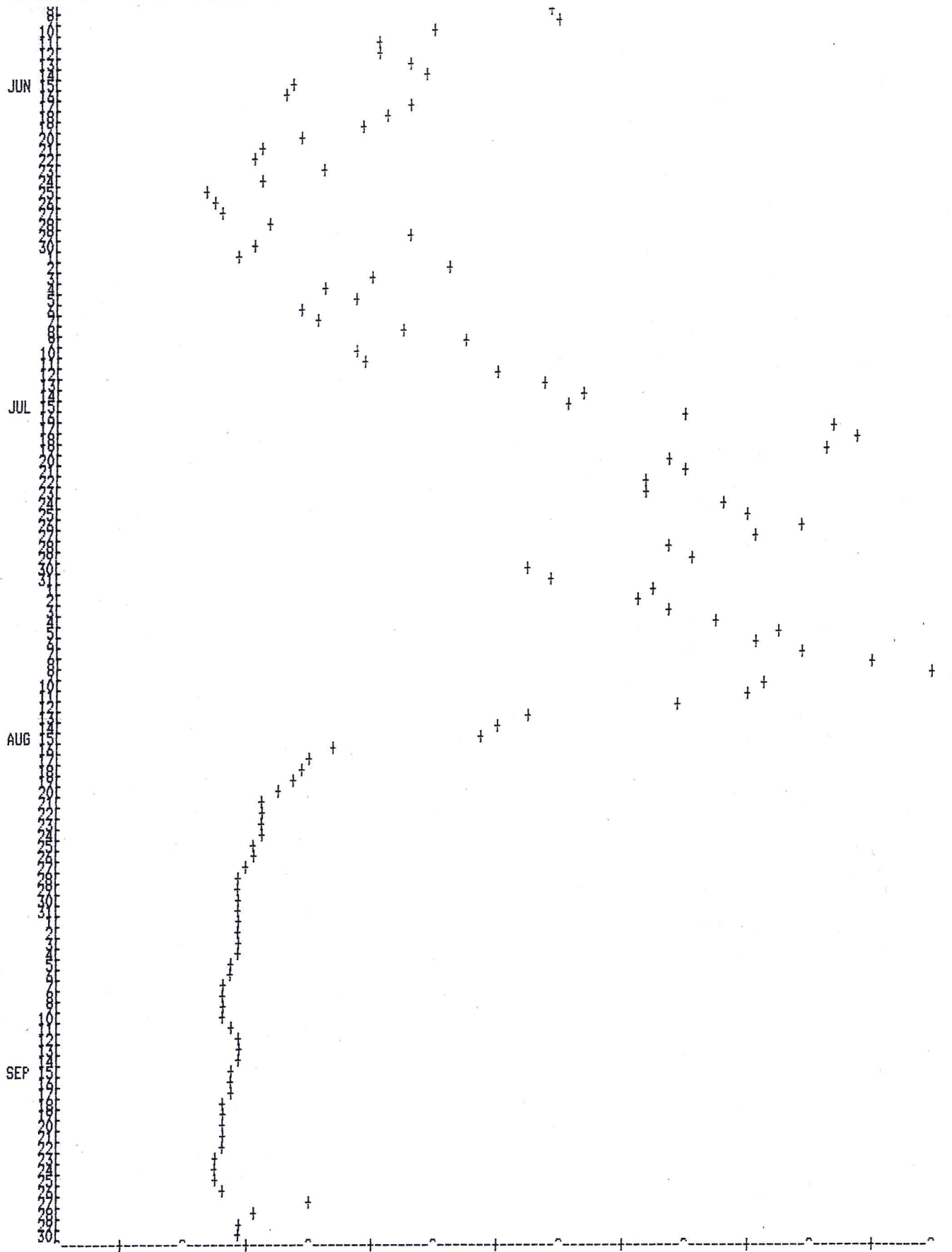
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** DISCHARGE, CFS **

STOP 0.00 5.36 10.72 16.07 21.43 26.79 32.15 37.50
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STATION F482

FLUME#4, MUDDY CREEK PROJECT, GREENFIELDS BENCH

WATER YEAR FROM SEPT 1981 TO OCT 1 1982

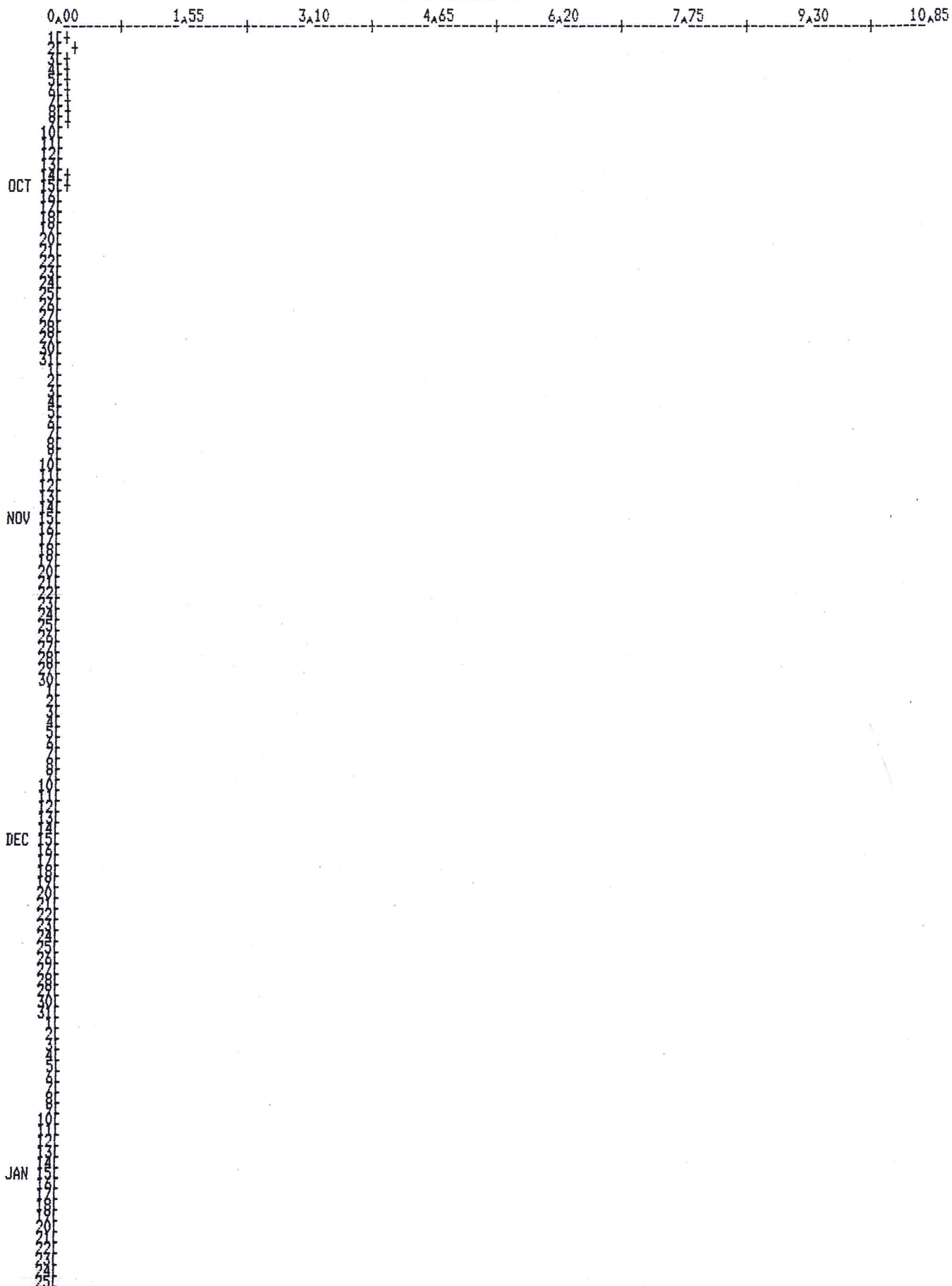
T 22N R 01E SEC 30 DDA

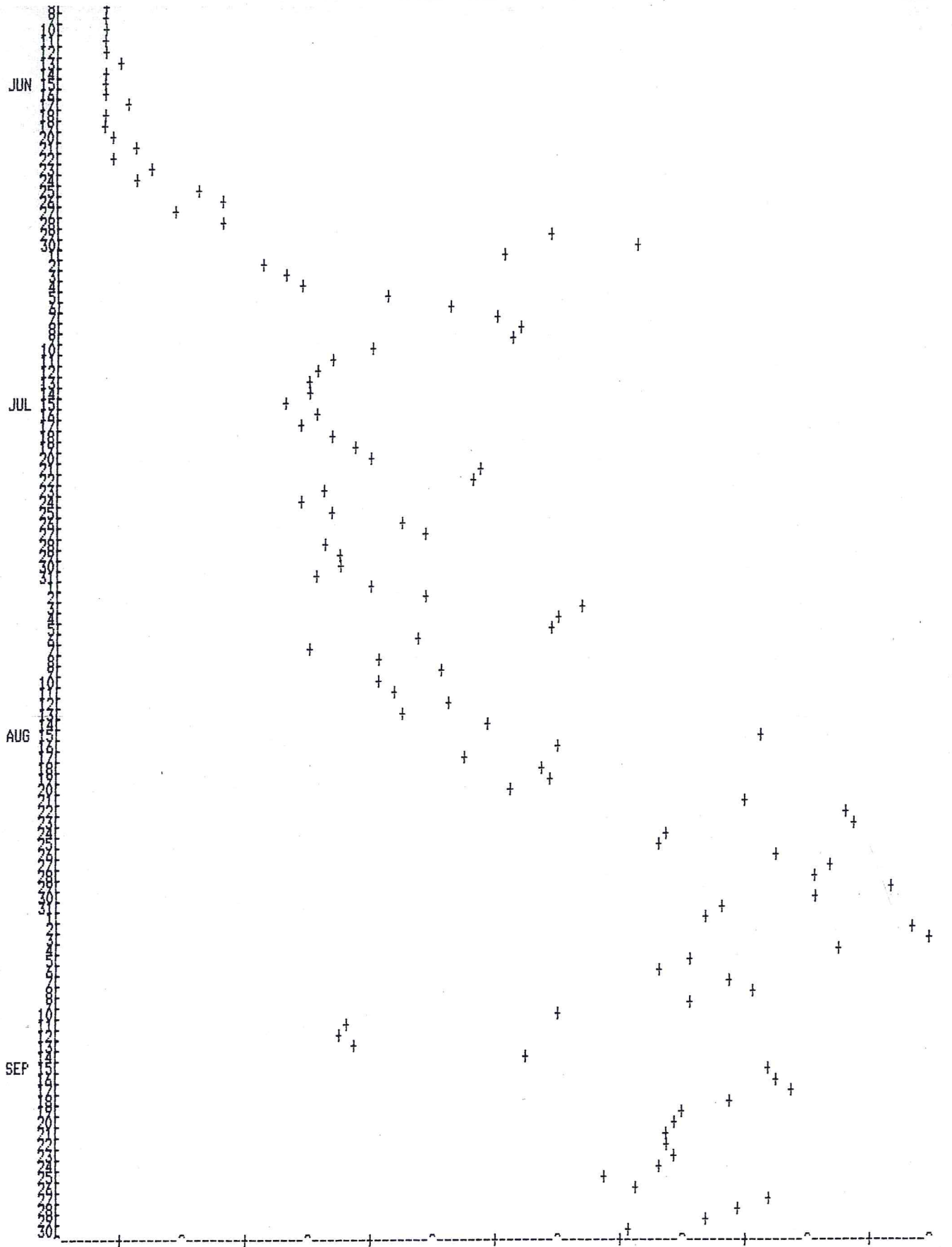
LAT 0 0 0 N LONG 0 0 0 W

MEAN DISCHARGE, CFS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.174	0.042	0.015	0.000	0.000	0.000	0.147*	0.059*	2.735	5.575	3.888	8.057
2	0.201	0.042	0.015	0.000	0.000	0.000	0.162*	0.044*	2.596	2.602	4.638	10.691
3	0.174	0.042	0.015	0.000	0.000	0.000	0.177*	0.030*	2.622	2.858	6.523	10.852
4	0.148	0.042	0.015	0.000	0.000	0.000	0.192*	0.015*	1.643	3.093	6.201	9.737
5	0.123	0.042	0.015	0.000	0.000	0.000	0.206*	0.000	0.668	4.162	6.147	7.934
6	0.123	0.042	0.015	0.000	0.000	0.000	0.221*	0.000	0.668	4.886	4.491	7.480
7	0.100	0.042	0.015	0.000	0.000	0.000	0.236*	0.000	0.668	5.507	3.130	8.392
8	0.100	0.042	0.015	0.000	0.000	0.000	0.251*	2.735	0.668	5.801	3.987	8.718
9	0.100	0.042	0.005	0.000	0.000	0.000	0.265*	5.635	0.668	5.688	4.829	7.942
10	0.079	0.027	0.005	0.000	0.000	0.000	0.280*	3.855	0.626	3.907	3.994	6.287
11	0.079	0.027	0.005	0.000	0.000	0.000	0.295*	3.093	0.626	3.397	4.209	3.601
12	0.079	0.027	0.005	0.000	0.000	0.000	0.310*	2.527	0.626	3.253	4.900	3.514
13	0.079	0.027	0.005	0.000	0.000	0.000	0.324	2.003	0.847	3.179	4.318	3.688
14	0.100	0.027	0.005	0.000	0.000	0.000	0.310*	1.697	0.672	3.136	5.388	5.832
15	0.100	0.027	0.005	0.000	0.000	0.000	0.295*	0.990	0.626	2.876	8.806	8.824
16	0.079	0.027	0.000	0.000	0.000	0.000	0.280*	0.847	0.626	3.272	6.240	8.996
17	0.079	0.027	0.000	0.000	0.000	0.000	0.265*	0.801	0.918	3.087	5.048	9.143
18	0.079	0.027	0.000	0.000	0.000	0.000	0.251*	1.040	0.626	3.467	6.031	8.344
19	0.079	0.027	0.000	0.000	0.000	0.000	0.236*	1.142	0.626	3.724	6.147	7.752
20	0.079	0.027	0.000	0.000	0.000	0.000	0.221*	2.260	0.679	3.947	5.657	7.740
21	0.079	0.027	0.000	0.000	0.000	0.000	0.206*	3.543	1.040	5.256	8.544	7.626
22	0.079	0.027	0.000	0.000	0.000	0.000	0.192*	2.948	0.750	5.190	9.847	7.651
23	0.079	0.027	0.000	0.000	0.000	0.015*	0.177*	3.391	1.172	3.372	9.884	7.727
24	0.079	0.027	0.000	0.000	0.000	0.030*	0.162*	3.620	1.040	3.069	7.576	7.551
25	0.079	0.027	0.000	0.000	0.000	0.044*	0.147*	1.638	1.838	3.479	7.514	6.794
26	0.079	0.015	0.000	0.000	0.000	0.059*	0.133*	4.014	2.050	4.277	8.939	7.253
27	0.079	0.015	0.000	0.000	0.000	0.074*	0.118*	2.194	1.523	4.561	9.674	8.903
28	0.079	0.015	0.000	0.000	0.000	0.089*	0.103*	1.523	2.061	3.391	9.465	8.496
29	0.060	0.015	0.000	0.000	0.000	0.103*	0.089*	1.826*	6.139	3.511	10.401	8.057
30	0.042	0.015	0.000	0.000	0.000	0.118*	0.074*	2.129*	7.183	3.549	9.429	7.106
31	0.042	0.000	0.000	0.000	0.000	0.133*	0.000	2.432*	0.000	3.247	8.250	0.000
TOTAL	2.937	0.892	0.152	0.000	0.000	0.664	6.324	58.028	45.226	120.317	204.095	230.690
MEAN	0.095	0.030	0.005	0.000	0.000	0.021	0.211	1.872	1.508	3.881	6.584	7.690
MAX	0.201	0.042	0.015	0.000	0.000	0.133	0.324	5.635	7.183	5.801	10.401	10.852
MIN	0.042	0.015	0.000	0.000	0.000	0.000	0.074	0.000	0.626	2.602	3.130	3.514
AC-FT	5.825	1.768	0.302	0.000	0.000	1.318	12.544	115.097	89.705	238.646	404.816	457.567

** DISCHARGE, CFS **





** DISCHARGE, CFS **

STOP 0.00 1.55 3.10 4.65 6.20 7.75 9.30 10.85
Ready

STATION F582

FLUME#5, MUDDY CREEK PROJECT, GREENFIELDS BENCH

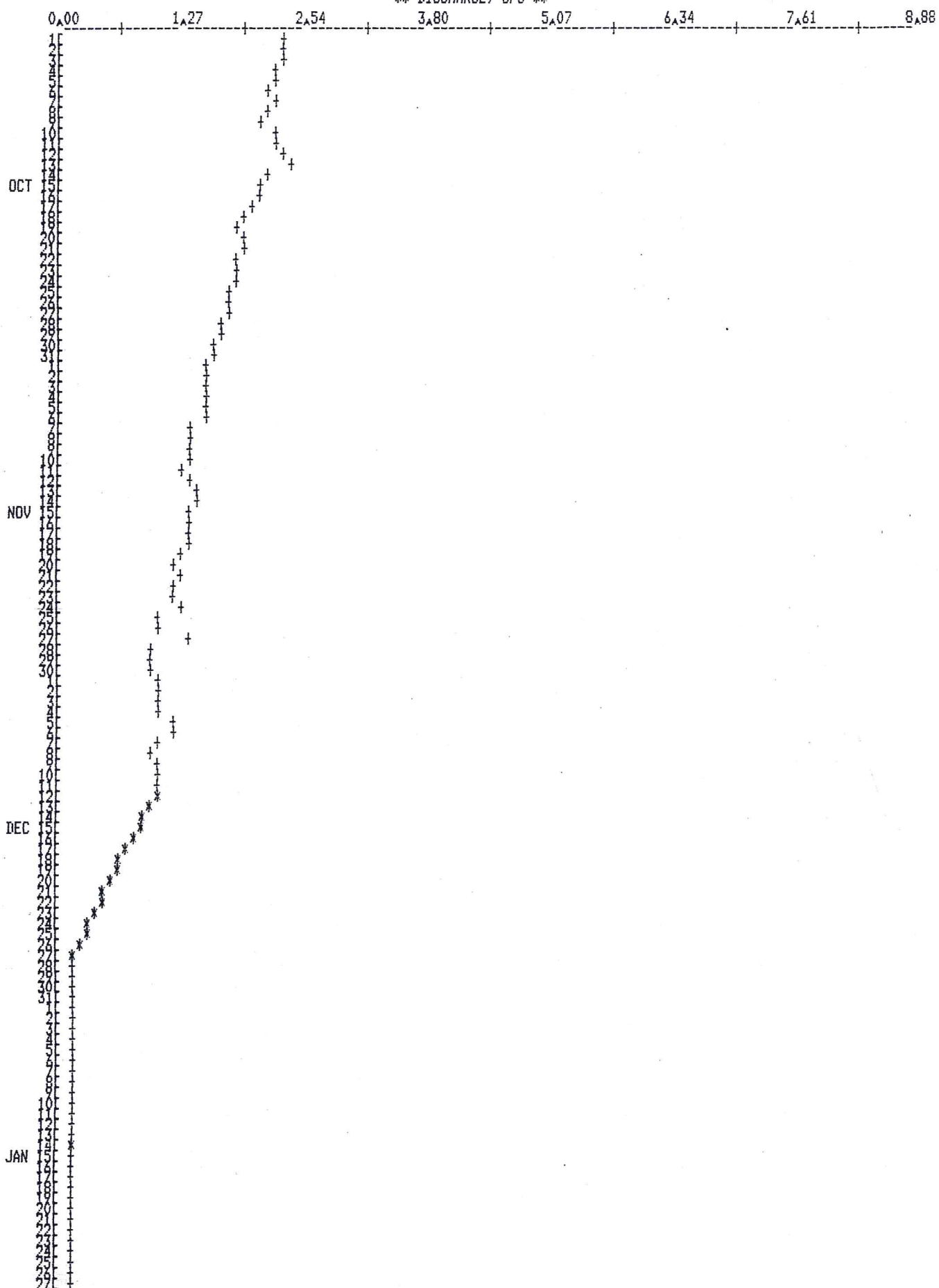
WATER YEAR FROM SEPT 1981 TO OCT 1 1982

T 22N R 01E SEC 30 CAB

LAT 0 0 0 N LONG 0 0 0 W

DAY	MEAN DISCHARGE, CFS											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.326	1.580	1.090	0.174	0.174	0.259*	0.294*	0.152*	3.620	4.758	4.843	3.315
2	2.326	1.580	1.090	0.174	0.174	0.262*	0.291*	0.146*	3.543	3.855	4.929	3.467
3	2.326	1.580	1.090	0.174	0.174	0.265*	0.288*	0.140*	2.665	3.620	5.278	3.391
4	2.260	1.580	1.090	0.174	0.177*	0.269*	0.285*	0.134*	2.596	3.315	6.373	3.620
5	2.260	1.523	1.194	0.174	0.180*	0.272*	0.282*	0.127*	2.194	4.505	6.000	3.776
6	2.194	1.523	1.194	0.174	0.184*	0.275*	0.280*	0.121*	2.066	4.758	6.563	3.620
7	2.260	1.410	1.040	0.174	0.187*	0.278*	0.277*	0.115*	2.665	5.015	6.754	3.934
8	2.194	1.410	0.990	0.174	0.190*	0.282*	0.274*	0.109*	1.697	5.015	7.439	4.339
9	2.130	1.355	1.040	0.174	0.193*	0.285*	0.271*	0.103*	1.466	4.422	7.841	4.014
10	2.260	1.355	1.040	0.174	0.197*	0.288*	0.269*	0.097*	1.300	4.257	7.841	3.776
11	2.260	1.300	1.090	0.174	0.200*	0.292*	0.266*	0.091*	0.544	5.545	7.942	3.620
12	2.326	1.355	1.036*	0.174	0.203*	0.295*	0.263*	0.085*	0.174	4.589	8.147	3.698
13	2.392	1.466	0.983*	0.174	0.206*	0.298*	0.260	0.079	0.711	4.673	8.147	3.855
14	2.194	1.466	0.929*	0.174*	0.210*	0.301*	0.254*	0.079	0.535*	4.339	8.877	4.094
15	2.066	1.355	0.875*	0.174	0.213*	0.305*	0.248*	0.079	0.358*	4.339	7.942	4.422
16	2.066	1.355	0.821*	0.174	0.216*	0.308*	0.242*	0.079	0.182*	4.758	7.439	4.422
17	2.003	1.410	0.767*	0.174	0.220*	0.311*	0.236*	0.079	0.005	4.505	6.658	4.339
18	1.940	1.355	0.713*	0.174	0.223*	0.314*	0.230*	0.079	0.247*	4.673	6.563	4.339
19	1.878	1.300	0.659*	0.174	0.226*	0.318*	0.224*	0.148	0.489*	4.589	5.816	4.257
20	1.940	1.246	0.605*	0.174	0.229*	0.321*	0.218*	0.123	0.730*	4.505	5.725	4.257
21	1.940	1.300	0.551*	0.174	0.233*	0.324	0.212*	0.174	0.972*	4.929	5.545	4.257
22	1.878	1.194	0.497*	0.174	0.236*	0.321*	0.206*	0.260	1.214*	4.843	5.545	4.339
23	1.878	1.194	0.443*	0.174	0.239*	0.319*	0.200*	0.324	1.456*	2.596	5.455	4.257
24	1.878	1.300	0.389*	0.174	0.242*	0.316*	0.194*	0.393	1.698*	2.527	5.102	4.339
25	1.817	1.090	0.336*	0.174	0.246*	0.313*	0.188*	0.668	1.940*	2.735	4.758	4.257
26	1.757	1.090	0.282*	0.174	0.249*	0.310*	0.182*	1.878	2.181*	3.467	4.758	4.257
27	1.757	1.410	0.228*	0.174	0.252*	0.308*	0.176*	3.093	2.423*	3.241	4.758	6.468
28	1.697	0.990	0.174	0.174	0.256*	0.305*	0.170*	5.366	2.665	3.167	4.257	4.505
29	1.697	0.990	0.174	0.174	0.000	0.302*	0.164*	5.816	3.315	3.315	4.175	3.855
30	1.638	0.990	0.174	0.174	0.000	0.299*	0.158*	4.589	4.014	4.094	3.855	3.620
31	1.638	0.000	0.174	0.174	0.000	0.296*	0.000	3.855	0.000	4.422	3.467	0.000
TOTAL	63.178	40.049	22.757	5.387	5.929	9.212	7.100	28.584	49.665	129.368	188.790	122.705
MEAN	2.038	1.335	0.734	0.174	0.212	0.297	0.237	0.922	1.656	4.173	6.090	4.090
MAX	2.392	1.580	1.194	0.174	0.256	0.324	0.294	5.816	4.014	5.545	8.877	6.468
MIN	1.638	0.990	0.174	0.174	0.174	0.259	0.158	0.079	0.005	2.527	3.467	3.315
AC-FT	125.311	79.437	45.139	10.686	11.760	18.271	14.082	56.696	98.510	256.598	374.459	243.382

** DISCHARGE, CFS **

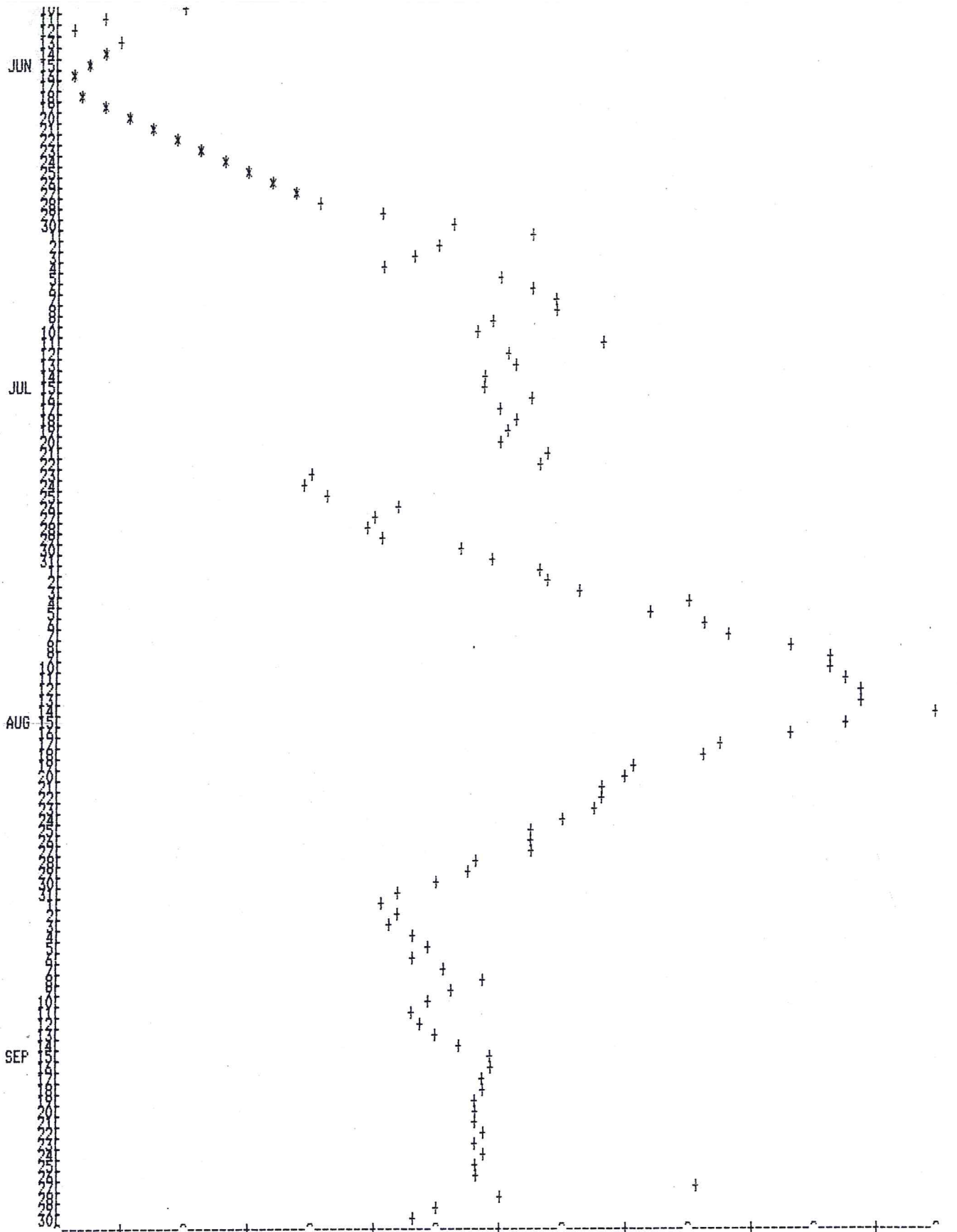


FEB

MAR

AFR

MAY



** DISCHARGE, CFS **

STOP 0.00
Ready

1.27

2.54

3.80

5.07

6.34

7.61

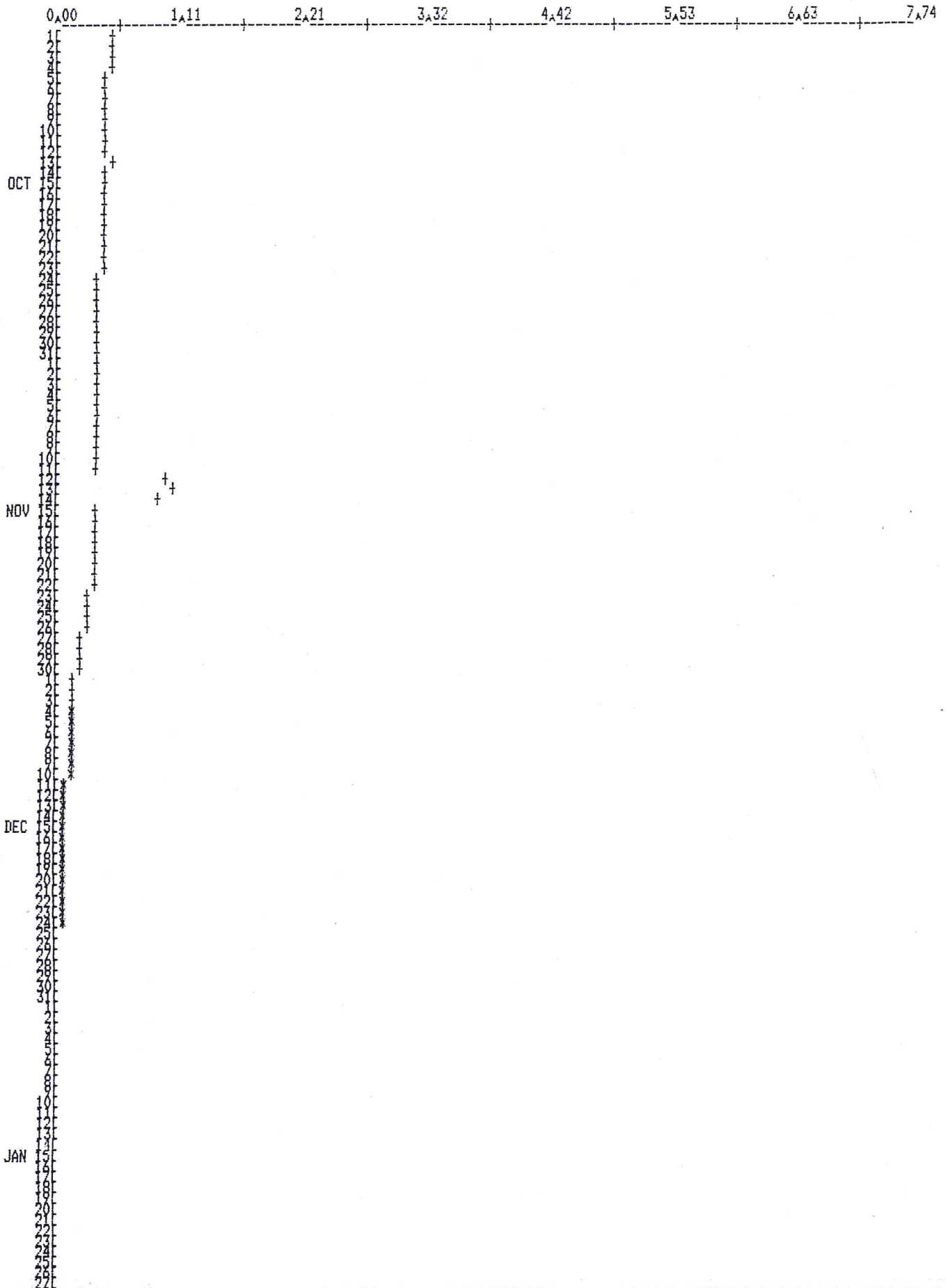
8.88

' STATION F682 FLUME#6, MUDDY CREEK PROJECT, GREENFIELDS BENCH
WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 22N R 01W SEC 30 DAA

LAT 0 0 0 N LONG 0 0 0 W

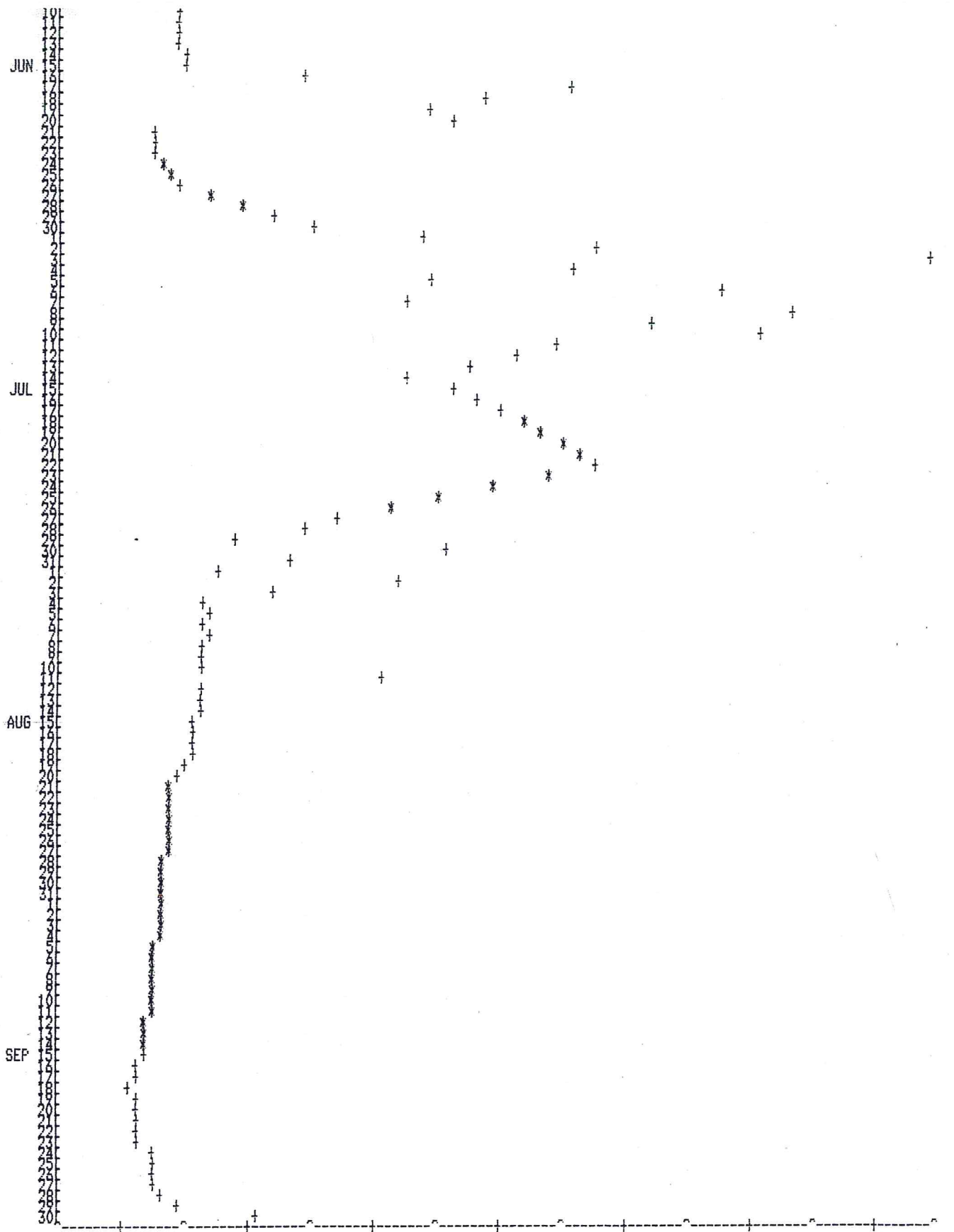
DAY	OCT	NOV	DEC	JAN	FEB	MEAN DISCHARGE, CFS		MAY	JUN	JUL	AUG	SEP
						MAR	APR					
1	0.505	0.358	0.201	0.030*	0.000	0.000	0.208*	0.082*	1.940	3.241	1.410	0.930*
2	0.505	0.358	0.201	0.025*	0.000	0.000	0.226*	0.063*	1.142	4.758	3.020	0.920*
3	0.505	0.358	0.174	0.020*	0.000	0.000	0.245*	0.044*	1.142	7.740	1.878	0.911*
4	0.505	0.358	0.169*	0.015*	0.000	0.000	0.263*	0.024*	1.142	4.505	1.246	0.902*
5	0.466	0.393	0.164*	0.010*	0.000	0.000	0.282*	0.005	1.142	3.315	1.355	0.893*
6	0.466	0.393	0.159*	0.005*	0.000	0.000	0.300*	0.005	1.142	5.816	1.246	0.884*
7	0.466	0.393	0.154*	0.000	0.000	0.000	0.319*	0.005	1.142	3.093	1.355	0.874*
8	0.466	0.358	0.149*	0.000	0.000	0.000	0.337*	0.005	1.246	6.468	1.246	0.865*
9	0.429	0.358	0.144*	0.000	0.000	0.000	0.355*	0.005	1.090	5.190	1.246	0.856*
10	0.466	0.358	0.139*	0.000	0.000	0.000	0.374*	0.005	1.090	6.186	1.246	0.847*
11	0.466	0.358	0.134*	0.000	0.000	0.000	0.392*	0.005	1.090	4.422	2.876	0.838*
12	0.466	0.990	0.129*	0.000	0.000	0.000	0.411*	1.698*	1.090	4.014	1.300	0.828*
13	0.505	1.090	0.124*	0.005	0.000	0.000	0.429	3.391	1.090	3.620	1.300	0.819*
14	0.466	0.942	0.119*	0.000	0.000	0.000	0.410*	1.142	1.142	3.093	1.246	0.810*
15	0.429	0.393	0.114*	0.000	0.000	0.000	0.391*	1.142	1.142	3.467	1.194	0.801
16	0.429	0.358	0.109*	0.000	0.000	0.000	0.371*	1.142	2.194	3.698	1.194	0.711
17	0.429	0.358	0.104*	0.005	0.000	0.000	0.352*	1.142	4.505	3.934	1.194	0.711
18	0.429	0.358	0.099*	0.000	0.000	0.000	0.333*	1.142	3.776	4.099*	1.194	0.668
19	0.429	0.358	0.094*	0.000	0.000	0.000	0.314*	1.040	3.315	4.263*	1.142	0.711
20	0.429	0.358	0.089*	0.000	0.000	0.000	0.294*	1.040	3.467	4.428*	1.040	0.711
21	0.429	0.358	0.084*	0.000	0.000	0.005	0.275*	1.040	0.894	4.593*	1.031*	0.756
22	0.429	0.358	0.079*	0.000	0.000	0.023*	0.256*	1.040	0.894	4.758	1.022*	0.756
23	0.429	0.324	0.074*	0.000	0.000	0.042*	0.236*	1.040	0.894	4.298*	1.012*	0.756
24	0.393	0.324	0.070*	0.005	0.000	0.060*	0.217*	1.040	0.959*	3.838*	1.003*	0.847
25	0.393	0.292	0.065*	0.005	0.000	0.079*	0.198*	2.392	1.025*	3.379*	0.994*	0.894
26	0.393	0.292	0.060*	0.015	0.000	0.097*	0.179*	2.003	1.090	2.919*	0.985*	0.894
27	0.393	0.260	0.055*	0.005	0.000	0.116*	0.159*	1.090	1.353*	2.459	0.976*	0.894
28	0.393	0.260	0.050*	0.000	0.000	0.134*	0.140*	1.142	1.616*	2.194	0.966*	0.942
29	0.393	0.230	0.045*	0.000	0.000	0.153*	0.121*	1.142	1.878	1.523	0.957*	1.040
30	0.393	0.230	0.040*	0.000	0.000	0.171*	0.101*	1.142	2.260	3.391	0.948*	1.757
31	0.393	0.000	0.035*	0.000	0.000	0.189*	0.000	2.066	0.000	2.066	0.939*	0.000
TOTAL	13.692	12.178	3.426	0.144	0.000	1.070	8.488	28.260	47.891	124.766	39.761	26.025
MEAN	0.442	0.406	0.111	0.005	0.000	0.035	0.283	0.912	1.596	4.025	1.283	0.867
MAX	0.505	1.090	0.201	0.030	0.000	0.189	0.429	3.391	4.505	7.740	3.020	1.757
MIN	0.393	0.230	0.035	0.000	0.000	0.000	0.101	0.005	0.894	1.523	0.939	0.668
AC-FT	27.157	24.155	6.796	0.286	0.000	2.122	16.835	56.053	94.990	247.469	78.865	51.620

** DISCHARGE, CFS **



MAY

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100											



** DISCHARGE, CFS **

STOP 0.00
Ready

1.11

2.21

3.32

4.42

5.53

6.63

7.74

' STATION F882 FLUME#8, MUDDY CREEK PROJECT, GREENFIELDS BENCH * F8 & F9 AT SAME SITE *
WATER YEAR FROM SEPT 1981 TO OCT 1, 1982 T 22N R 01W SEC 11 DDB LAT 0 0 0 N LONG 0 0 0 W

DAY	OCT	NOV	DEC	JAN	FEB	MEAN DISCHARGE, CFS		MAY	JUN	JUL	AUG	SEP
						MAR	APR					
1	3.315	2.392	2.066	0.922*	1.407*	1.466	1.523	1.300	5.642*	13.978*	13.886*	8.462*
2	3.315	2.392	2.066	0.880*	1.436*	1.466	1.300	1.300	4.422	15.319*	13.664*	8.300*
3	2.735	2.326	2.066	0.838*	1.466	1.466	1.523	1.300	4.175	16.661*	13.443*	8.139*
4	1.757	2.326	2.066	0.795*	1.466	1.466	1.757	1.194	4.339	18.003*	13.221*	7.977*
5	1.697	2.326	2.066	0.753*	1.466	1.466	1.817	1.194	5.366	19.345*	12.999*	7.816*
6	1.878	2.459	2.024*	0.710*	1.466	1.466	0.990	1.194	6.069	20.686*	12.777*	7.654*
7	3.315	2.326	1.981*	0.668	1.466	1.466	1.300	1.246	6.883	22.028*	12.556*	7.492*
8	3.698	2.260	1.939*	0.698*	1.466	1.466	2.003	1.300	5.832	23.370*	12.334*	7.331*
9	4.014	2.260	1.897*	0.727*	1.466	1.466	2.194	1.523	6.008	24.712	12.112*	7.169*
10	4.673	2.194	1.854*	0.757*	1.466	1.466	2.194	1.697	5.344	24.049*	11.891	7.008*
11	5.278	2.194	1.812*	0.786*	1.466	1.466	2.596	1.523	4.915	23.387*	11.742*	6.846*
12	4.758	2.194	1.769*	0.816*	1.466	1.466	2.459	1.410	4.422	22.725*	11.593*	6.684*
13	3.241	2.194	1.727*	0.845*	1.466	1.466	2.665	1.355	4.339	22.063*	11.444*	6.523*
14	3.020	2.194	1.685*	0.875*	1.466	1.466	2.130	6.186	3.934	21.401*	11.295*	6.361*
15	2.876	2.130	1.642*	0.904*	1.466	1.466	2.003	6.093	4.865	20.738*	11.146*	6.200*
16	2.805	2.066	1.600*	0.934*	1.466	1.466	2.003	2.527	3.315	20.076*	10.997*	6.038*
17	2.735	2.066	1.558*	0.964*	1.466	1.466	1.878	1.300	3.809	19.414*	10.848*	5.877*
18	2.665	2.066	1.515*	0.993*	1.466	1.466	1.757	1.090	5.939	18.752*	10.699*	5.715*
19	2.665	2.066	1.473*	1.023*	1.466	1.466	1.697	2.665	8.327	18.090*	10.550*	5.553*
20	2.735	2.066	1.431*	1.052*	1.466	1.466	2.130	2.948	6.858	17.428*	10.401	5.392*
21	2.665	2.066	1.388*	1.082*	1.466	1.355	1.757	1.580	8.833	16.765*	10.239*	5.230*
22	2.665	2.066	1.346*	1.111*	1.466	1.817	1.757	0.942	9.728	16.103	10.078*	5.069*
23	2.665	2.066	1.303*	1.141*	1.466	1.523	1.757	5.190	9.957	15.881*	9.916*	4.907*
24	2.735	2.066	1.261*	1.170*	1.466	1.410	1.638	3.776	7.208	15.660*	9.755*	4.745*
25	2.665	2.066	1.219*	1.200*	1.466	1.697	1.638	3.855	6.802	15.438*	9.593*	4.584*
26	2.527	2.066	1.176*	1.229*	1.466	1.466	1.638	8.666	7.269	15.216*	9.432*	4.422*
27	2.459	2.066	1.134*	1.259*	1.466	1.878	1.523	10.739	8.611*	14.995*	9.270*	4.261*
28	2.459	2.066	1.092*	1.289*	1.466	2.066	1.466	10.852	9.953*	14.773*	9.108*	4.099*
29	2.459	2.066	1.049*	1.318*	0.000	1.940	1.300	9.304	11.294*	14.551*	8.947*	3.937*
30	2.459	2.066	1.007*	1.348*	0.000	1.638	1.246	8.083*	12.636*	14.329*	8.785*	3.776
31	2.392	0.000	0.965*	1.377*	0.000	1.466	0.000	6.863*	0.000	14.108*	8.624*	0.000
TOTAL	91.327	65.158	49.177	30.464	40.953	47.571	53.640	110.191	197.093	570.045	343.343	183.567
MEAN	2.946	2.172	1.586	0.983	1.463	1.535	1.788	3.555	6.570	18.389	11.076	6.119
MAX	5.278	2.459	2.066	1.377	1.466	2.066	2.665	10.852	12.636	24.712	13.886	8.462
MIN	1.697	2.066	0.965	0.668	1.407	1.355	0.990	0.942	3.315	13.978	8.624	3.776
AC-FT	181.144	129.238	97.541	60.424	81.229	94.357	106.393	218.561	390.928	1130.668	681.010	364.100

DISCHARGE, CFS

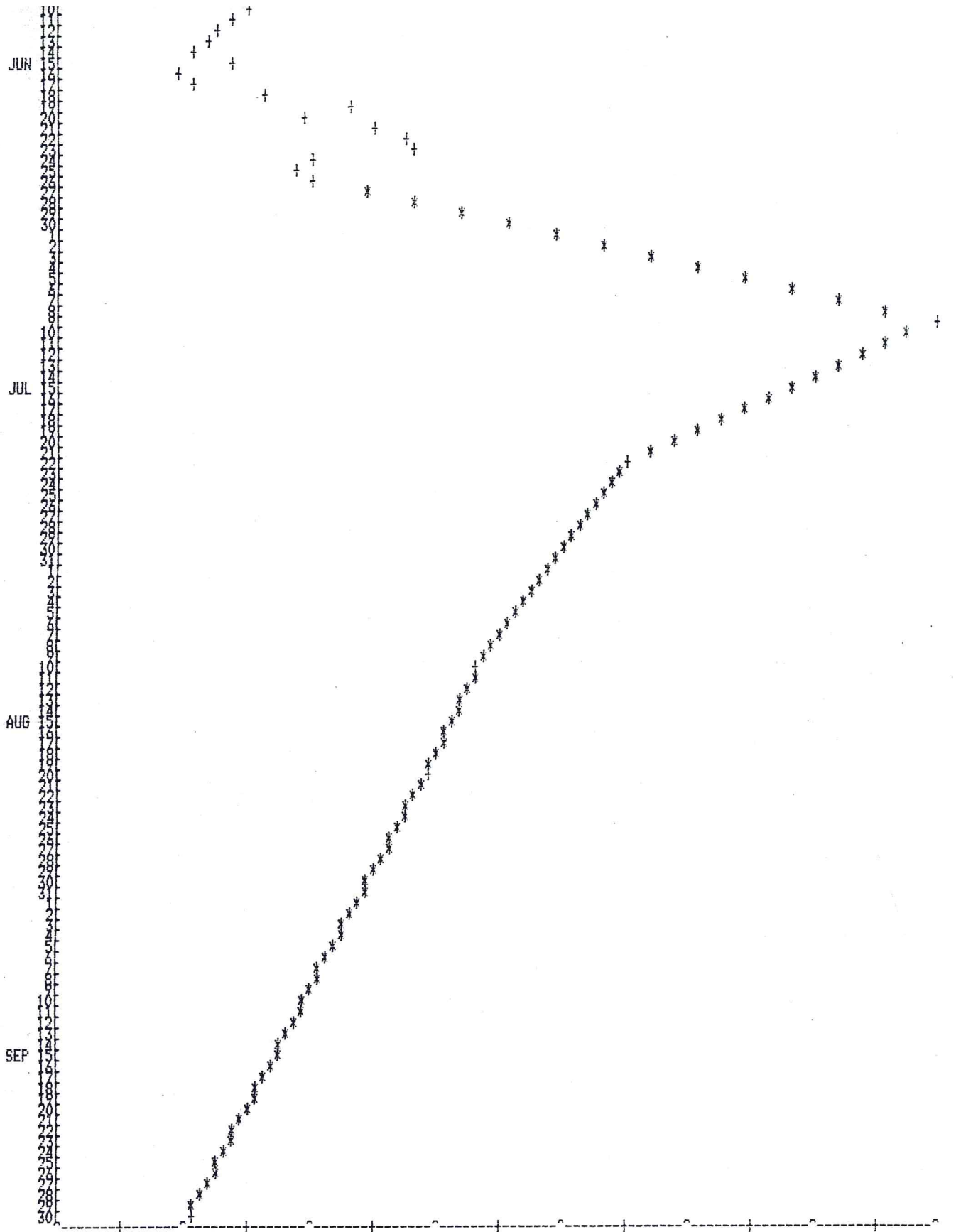


FER

MAR

APR

MAY



STOP 0.00 3.53 7.06 ** DISCHARGE, CFS ** 10.59 14.12 17.65 21.18 24.71

Ready

' STATION F982 FLUME #9, MUDDY CREEK PROJECT, GREENFIELDS BENCH * F8 & F9 ARE AT SAME SITE
WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 22N R 01W SEC 11 DDE LAT 0 0 0 N LONG 0 0 0 W

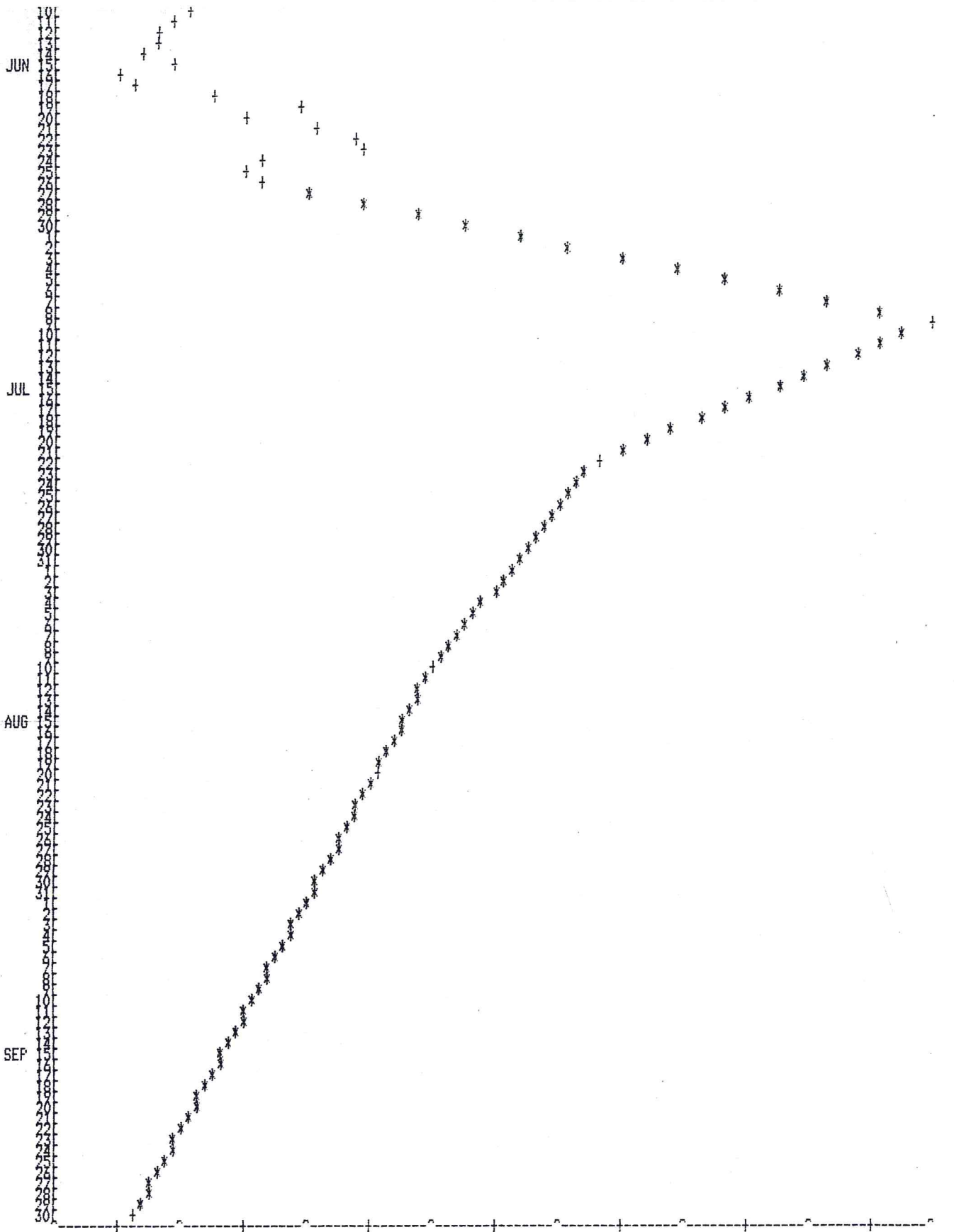
DAY	MEAN DISCHARGE, CFS											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.638	0.626	0.429	0.078*	0.119*	0.123	0.148	0.230	4.744*	11.121*	10.924*	6.060*
2	1.638	0.626	0.429	0.065*	0.123	0.123	0.060	0.230	4.075*	12.360*	10.720*	5.921*
3	1.194	0.584	0.429	0.052*	0.123	0.123	0.148	0.230	3.405*	13.598*	10.516*	5.781*
4	0.505	0.584	0.429	0.039*	0.123	0.123	0.260	0.174	2.735	14.837*	10.312*	5.641*
5	0.466	0.584	0.429	0.026*	0.123	0.123	0.292	0.174	3.315	16.075*	10.108*	5.501*
6	0.584	0.668	0.416*	0.013*	0.123	0.123	0.000	0.174	3.934	17.314*	9.905*	5.361*
7	1.638	0.584	0.403*	0.000	0.123	0.123	0.060	0.201	4.589	18.552*	9.701*	5.221*
8	1.940	0.544	0.390*	0.005*	0.123	0.123	0.393	0.230	3.698	19.790*	9.497*	5.081*
9	2.194	0.544	0.377*	0.009*	0.123	0.123	0.505	0.358	3.855	21.029	9.293*	4.941*
10	2.735	0.505	0.364*	0.014*	0.123	0.123	0.505	0.466	3.315	20.408*	9.089	4.801*
11	3.241	0.505	0.351*	0.019*	0.123	0.123	0.756	0.358	2.948	19.788*	8.954*	4.661*
12	2.805	0.505	0.338*	0.024*	0.123	0.123	0.668	0.292	2.527	19.167*	8.819*	4.521*
13	1.580	0.505	0.325*	0.028*	0.123	0.123	0.801	0.260	2.459	18.547*	8.684*	4.381*
14	1.410	0.505	0.312*	0.033*	0.123	0.123	0.756	4.014	2.130	17.926*	8.549*	4.242*
15	1.300	0.466	0.299*	0.038*	0.123	0.123	0.668	3.934	2.876	17.306*	8.414*	4.102*
16	1.246	0.429	0.286*	0.043*	0.123	0.123	0.668	1.040	1.638	16.685*	8.279*	3.962*
17	1.194	0.429	0.273*	0.047*	0.123	0.123	0.584	0.230	2.003	16.065*	8.144*	3.822*
18	1.142	0.429	0.260*	0.052*	0.123	0.123	0.505	0.123	3.776	15.444*	8.009*	3.682*
19	1.142	0.429	0.247*	0.057*	0.123	0.123	0.466	1.142	5.908	14.824*	7.875*	3.542*
20	1.194	0.429	0.234*	0.062*	0.123	0.123	0.756	1.355	4.589	14.203*	7.740	3.402*
21	1.142	0.429	0.221*	0.066*	0.123	0.079	0.505	0.393	6.373	13.582*	7.600*	3.262*
22	1.142	0.429	0.208*	0.071*	0.123	0.292	0.505	0.060	7.143	12.962	7.460*	3.122*
23	1.142	0.429	0.195*	0.076*	0.123	0.148	0.505	3.167	7.340	12.758*	7.320*	2.982*
24	1.194	0.429	0.182*	0.081*	0.123	0.100	0.429	2.003	4.929	12.554*	7.180*	2.842*
25	1.142	0.429	0.169*	0.085*	0.123	0.230	0.429	2.066	4.589	12.350*	7.040*	2.702*
26	1.040	0.429	0.156*	0.090*	0.123	0.123	0.429	6.186	4.929	12.147*	6.900*	2.562*
27	0.990	0.429	0.143*	0.095*	0.123	0.324	0.358	8.044	6.167*	11.943*	6.760*	2.423*
28	0.990	0.429	0.130*	0.100*	0.123	0.429	0.324	8.147	7.406*	11.739*	6.620*	2.283*
29	0.990	0.429	0.117*	0.104*	0.000	0.358	0.230	6.754	8.644*	11.535*	6.480*	2.143*
30	0.990	0.429	0.104*	0.109*	0.000	0.201	0.201	6.084*	9.883*	11.331*	6.340*	2.003
31	0.942	0.000	0.091*	0.114*	0.000	0.123	0.000	5.414*	0.000	11.128*	6.200*	0.000
TOTAL	42.489	14.773	8.740	1.696	3.448	4.874	12.912	63.532	135.920	469.068	259.434	120.949
MEAN	1.371	0.492	0.282	0.055	0.123	0.157	0.430	2.049	4.531	15.131	8.369	4.032
MAX	3.241	0.668	0.429	0.114	0.123	0.429	0.801	8.147	9.883	21.029	10.924	6.060
MIN	0.466	0.429	0.091	0.000	0.119	0.079	0.000	0.060	1.638	11.121	6.200	2.003
AC-FT	84.276	29.303	17.336	3.364	6.838	9.668	25.611	126.013	269.594	930.382	514.581	239.899

** DISCHARGE, CFS **



MAY

[illegible]



** DISCHARGE, CFS **

STOP 0.00 3.00 6.01 9.01 12.02 15.02 18.02 21.03
Ready

STATION F1082

FLUME#10, MUDDY CREEK PROJECT, GREENFIELD BENCH

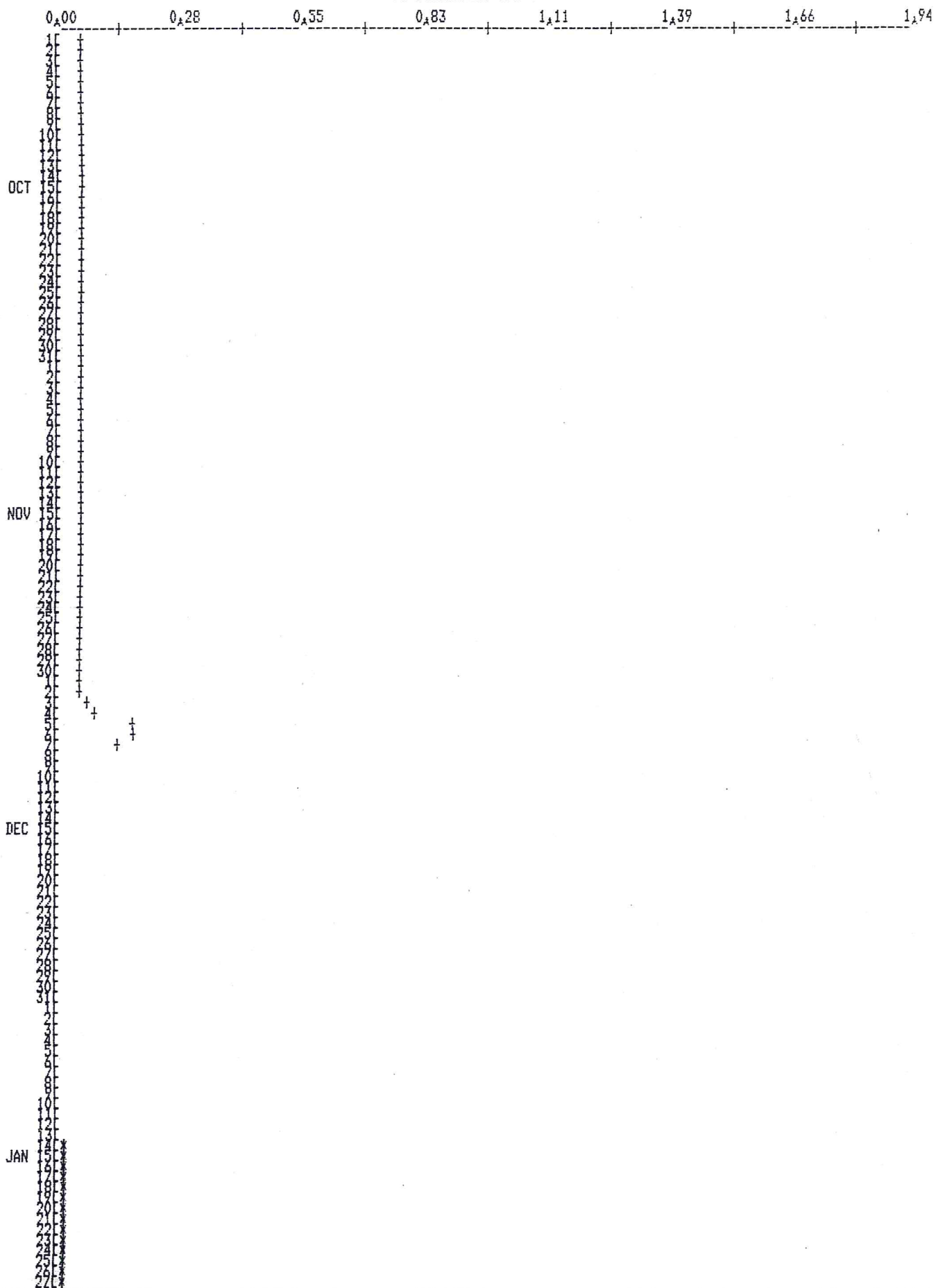
WATER YEAR FROM SEPT 1981 TO OCT 1 1982

T 22N R 01W SEC 11 BAC

LAT 0 0 0 N LONG 0 0 0 W

DAY	MEAN DISCHARGE, CFS											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.060	0.060	0.060	0.011*	0.026*	0.039*	0.054*	0.005	0.260	1.645*	0.991*	0.338*
2	0.060	0.060	0.060	0.012*	0.027*	0.040*	0.055*	0.005	0.123	1.624*	0.970*	0.317*
3	0.060	0.060	0.079	0.012*	0.027*	0.040*	0.055*	0.005	0.000	1.603*	0.949*	0.295*
4	0.060	0.060	0.100	0.013*	0.028*	0.041*	0.056*	0.005	0.139*	1.582*	0.928*	0.274*
5	0.060	0.060	0.174	0.013*	0.028*	0.041*	0.056*	0.005	0.277*	1.561*	0.907*	0.253*
6	0.060	0.060	0.174	0.014*	0.028*	0.042*	0.057*	0.005	0.416*	1.540*	0.886*	0.232*
7	0.060	0.060	0.148	0.014*	0.029*	0.042*	0.057*	0.005	0.554*	1.519*	0.865*	0.211*
8	0.060	0.060	0.000	0.015*	0.029*	0.043*	0.057*	0.000	0.693*	1.497*	0.844*	0.190*
9	0.060	0.060	0.000*	0.015*	0.030*	0.043*	0.058*	0.000	0.832*	1.476*	0.823*	0.169*
10	0.060	0.060	0.001*	0.016*	0.030*	0.044*	0.058*	0.000	0.970*	1.455*	0.802*	0.148*
11	0.060	0.060	0.001*	0.016*	0.031*	0.044*	0.059*	0.000	1.109*	1.434*	0.780*	0.127*
12	0.060	0.060	0.002*	0.017*	0.031*	0.045*	0.059*	0.000	1.247*	1.413*	0.759*	0.106*
13	0.060	0.060	0.002*	0.017*	0.032*	0.045*	0.060	0.000	1.386*	1.392*	0.738*	0.085*
14	0.060	0.060	0.003*	0.018*	0.032*	0.046*	0.042	0.000	1.524*	1.371*	0.717*	0.064*
15	0.060	0.060	0.003*	0.018*	0.033*	0.046*	0.027	0.005	1.663*	1.350*	0.696*	0.042
16	0.060	0.060	0.004*	0.019*	0.033*	0.047*	0.027	0.005	1.802*	1.329*	0.675*	0.040*
17	0.060	0.060	0.004*	0.019*	0.034*	0.047*	0.015	0.005	1.940	1.308*	0.654*	0.037*
18	0.060	0.060	0.005*	0.019*	0.034*	0.047*	0.015	0.005	1.919*	1.287*	0.633*	0.034*
19	0.060	0.060	0.005*	0.020*	0.035*	0.048*	0.015	0.005	1.898*	1.265*	0.612*	0.031*
20	0.060	0.060	0.006*	0.020*	0.035*	0.048*	0.005	0.015	1.877*	1.244*	0.591*	0.028*
21	0.060	0.060	0.006*	0.021*	0.036*	0.049*	0.005	0.015	1.856*	1.223*	0.570*	0.025*
22	0.060	0.060	0.007*	0.021*	0.036*	0.049*	0.005	0.015	1.835*	1.202*	0.549*	0.023*
23	0.060	0.060	0.007*	0.022*	0.037*	0.050*	0.005	0.015	1.814*	1.181*	0.527*	0.020*
24	0.060	0.060	0.008*	0.022*	0.037*	0.050*	0.005	0.015	1.793*	1.160*	0.506*	0.017*
25	0.060	0.060	0.008*	0.023*	0.038*	0.051*	0.005	0.005	1.772*	1.139*	0.485*	0.014*
26	0.060	0.060	0.009*	0.023*	0.038*	0.051*	0.005	0.005	1.750*	1.118*	0.464*	0.011*
27	0.060	0.060	0.009*	0.024*	0.038*	0.052*	0.005	0.005	1.729*	1.097*	0.443*	0.008*
28	0.060	0.060	0.009*	0.024*	0.039*	0.052*	0.005	0.148	1.708*	1.076*	0.422*	0.006*
29	0.060	0.060	0.010*	0.025*	0.000	0.053*	0.005	0.756	1.687*	1.055*	0.401*	0.003*
30	0.060	0.060	0.010*	0.025*	0.000	0.053*	0.005	0.201	1.666*	1.034*	0.380*	0.000
31	0.060	0.000	0.011*	0.026*	0.000	0.054*	0.000	0.174	0.000	1.012*	0.359*	0.000
TOTAL	1.855	1.795	0.926	0.574	0.911	1.443	0.937	1.427	38.240	41.191	20.927	3.148
MEAN	0.060	0.060	0.030	0.019	0.033	0.047	0.031	0.046	1.275	1.329	0.675	0.105
MAX	0.060	0.060	0.174	0.026	0.039	0.054	0.060	0.756	1.940	1.645	0.991	0.338
MIN	0.060	0.060	0.000	0.011	0.026	0.039	0.005	0.000	0.000	1.012	0.359	0.000
AC-FT	3.679	3.561	1.836	1.139	1.807	2.862	1.859	2.830	75.848	81.701	41.508	6.244

** DISCHARGE, CFS **

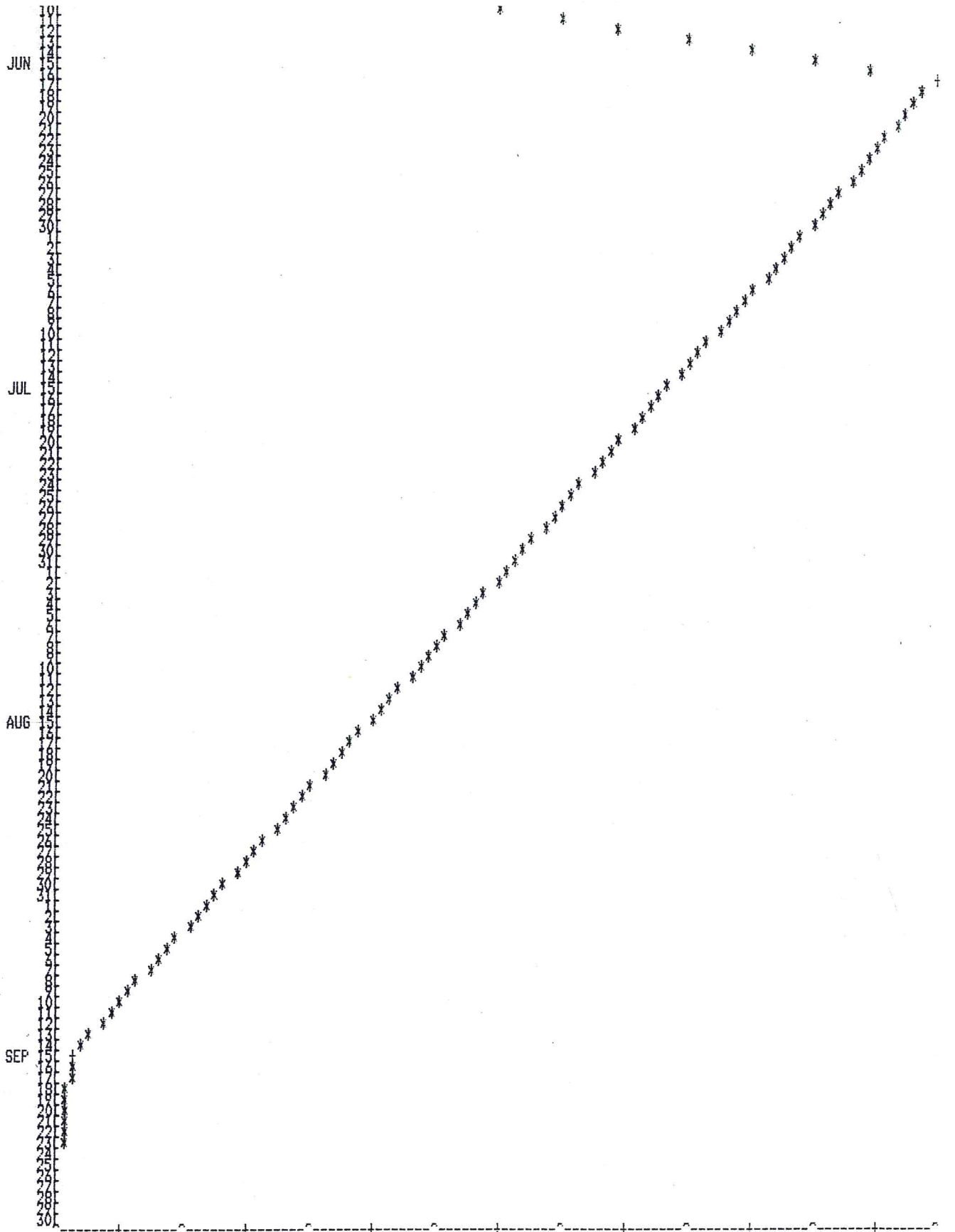


FEB

MAR:

APR

MAY



STOP 0.00 0.28 0.55 ** DISCHARGE, CFS ** 0.83 1.11 1.39 1.66 1.94
Ready

' STATION C1182 CULVERT#11, MUDDY CREEK PROJECT, GREENFIELDS BENCH
WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 22N R 01W SEC 02 BDE

LAT 0 0 0 N LONG 0 0 0 W

DAY	OCT	NOV	DEC	JAN	FEB	MEAN DISCHARGE, CFS		MAY	JUN	JUL	AUG	SEP
						MAR	APR					
1	2.013	2.542	1.447*	0.574*	0.035*	0.000	0.000	11.674*	5.463*	30.217	60.699	2.013
2	1.694	2.542	1.263*	0.557*	0.017*	0.000	0.389*	12.063*	4.890	19.345	57.571*	1.930
3	1.694	2.542	1.079	0.539*	0.000	0.000	0.778*	12.452*	3.032	20.943	54.443*	1.850
4	1.694	2.542	1.061*	0.522*	0.000	0.000	1.167*	12.841*	2.831	17.315	51.315*	1.850
5	1.694	2.542	1.044*	0.505*	0.000	0.000	1.556*	13.230*	2.950*	19.086	48.187*	1.930
6	1.694	2.831	1.027*	0.487*	0.000	0.000	1.946*	13.619*	3.070*	20.672	45.059*	4.141
7	1.619	2.930	1.009*	0.470*	0.000	0.000	2.335*	14.008*	3.189*	24.623	41.931*	5.563
8	1.619	2.831	0.992*	0.452*	0.000	0.000	2.724*	14.397*	3.308*	27.973	38.804*	6.730
9	1.619	2.733	0.974*	0.435*	0.000	0.000	3.113*	14.787*	3.428*	2.097	35.676	5.703
10	1.619	2.733	0.957*	0.418*	0.000	0.000	3.502*	15.176*	3.547*	2.263*	24.623	6.380*
11	1.619	2.733	0.940*	0.400*	0.000	0.000	3.891*	15.565*	3.667*	2.430*	13.163	7.058*
12	1.619	2.733	0.922*	0.383*	0.000	0.000	4.280*	15.954*	3.786*	2.596*	9.044	7.736*
13	1.619	3.346	0.905*	0.365*	0.000	0.000	4.669*	16.343	3.906*	2.763*	8.348	8.413*
14	1.694	4.141	0.887*	0.348*	0.000	0.000	5.059*	15.770*	4.025*	2.929*	3.239	9.091*
15	1.694	4.261	0.870*	0.331*	0.000	0.000	5.448*	15.198*	4.145*	3.096*	1.850	9.769
16	1.619	4.261	0.853*	0.313*	0.000	0.000	5.837*	14.625*	4.264*	3.262*	1.694	9.403
17	1.619	4.022	0.835*	0.296*	0.000	0.000	6.226*	14.052*	4.384	3.429*	1.619	10.521
18	1.619	3.838*	0.818*	0.278*	0.000	0.000	6.615*	13.480*	4.205*	3.595*	1.619	12.527
19	1.545	3.654*	0.800*	0.261*	0.000	0.000	7.004*	12.907*	4.027*	3.762*	1.619	20.403
20	1.473	3.470*	0.783*	0.244*	0.000	0.000	7.393*	12.335*	3.848*	3.928*	1.619	18.571
21	1.473	3.286*	0.766*	0.226*	0.000	0.000	7.782*	11.762*	3.670*	4.095*	1.619	12.112
22	1.545	3.102*	0.748*	0.209*	0.000	0.000	8.172*	11.189*	3.491*	4.261	1.771	7.729*
23	1.694	2.918*	0.731*	0.191*	0.000	0.000	8.561*	10.617*	3.313*	10.908	2.013	3.346
24	1.694	2.734*	0.713*	0.174*	0.000	0.000	8.950*	10.044*	3.135	17.563	2.182	3.231*
25	1.850	2.550*	0.696*	0.157*	0.000	0.000	9.339*	9.471*	4.633	19.243*	2.182	3.116*
26	2.013	2.366*	0.679*	0.139*	0.000	0.000	9.728*	8.899*	8.284*	20.924*	2.270	3.002*
27	2.097	2.182*	0.661*	0.122*	0.000	0.000	10.117*	8.326*	11.935*	22.604	2.270	2.887*
28	2.270	1.999*	0.644*	0.104*	0.000	0.000	10.506*	7.753*	15.586*	26.119	2.270	2.772*
29	2.450	1.815*	0.626*	0.087*	0.000	0.000	10.895*	7.181*	19.236*	20.403	2.270	2.657*
30	2.542	1.631*	0.609*	0.070*	0.000	0.000	11.284*	6.608*	22.887	44.723	2.270	2.542
31	2.542	0.000	0.592*	0.052*	0.000	0.000	0.000	6.035*	0.000	47.969	2.270	0.000
TOTAL	55.249	87.812	26.930	9.709	0.052	0.000	169.268	378.361	172.135	455.137	525.507	194.976
MEAN	1.782	2.927	0.869	0.313	0.002	0.000	5.642	12.205	5.738	14.682	16.952	6.499
MAX	2.542	4.261	1.447	0.574	0.035	0.000	11.284	16.343	22.887	47.969	60.699	20.403
MIN	1.473	1.631	0.592	0.052	0.000	0.000	0.000	6.035	2.831	2.097	1.619	1.850
AC-FT	109.586	174.173	53.414	19.258	0.104	0.000	335.737	750.468	341.424	902.750	1042.328	386.729

** DISCHARGE, CFS **

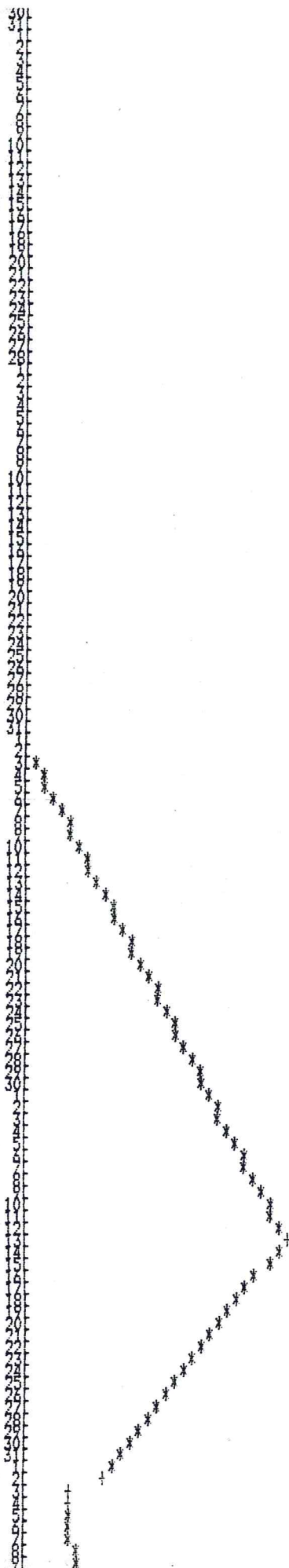


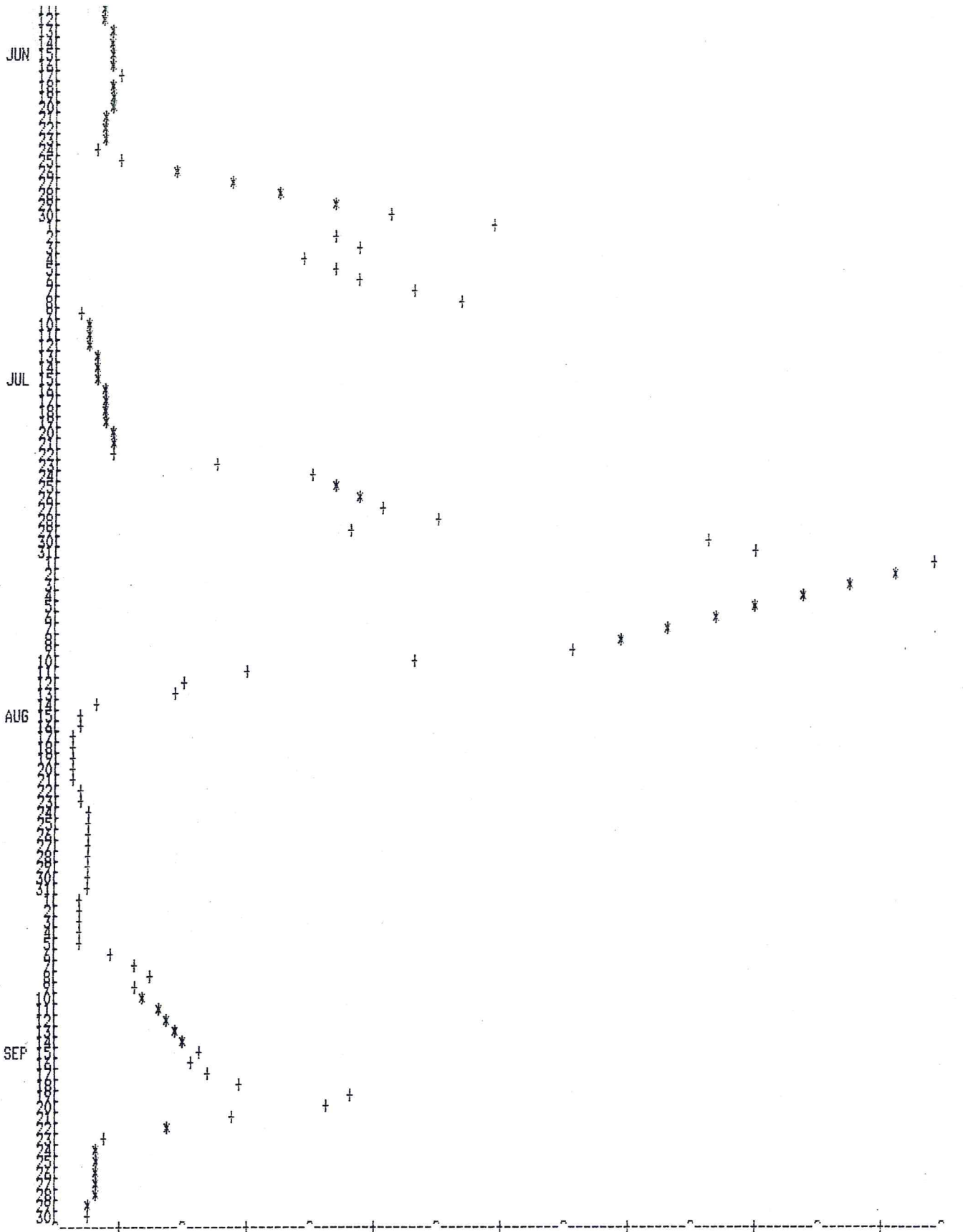
FEB

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** DISCHARGE, CFS **

STOP 0.00
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' STATION F1282 FLUME#12, MUDDY CREEK PROJECT, GREENFIELDS BENCH
WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 23N R 03W SEC 35 CDD LAT 0 0 0 N LONG 0 0 0 W

DAY	OCT	NOV	DEC	JAN	FEB	MEAN DISCHARGE, CFS		MAY	JUN	JUL	AUG	SEP
						MAR	APR					
1	0.434	0.434	0.326	0.168*	0.005*	0.184*	0.146	0.049	2.529	19.222*	15.787*	2.529
2	0.378	0.434	0.326	0.163*	0.000	0.191*	0.110	0.049	1.544	17.511*	15.089*	2.529
3	0.326	0.434	0.321*	0.158*	0.000	0.198*	0.110	0.078	2.114	15.800*	14.391*	2.529
4	0.326	0.434	0.315*	0.152*	0.007*	0.205*	0.110	0.049	8.461	14.089*	13.694*	2.423
5	0.326	0.434	0.310*	0.147*	0.014*	0.213*	0.110	0.049	8.461	12.378*	12.996*	2.423
6	0.326	0.434	0.305*	0.142*	0.021*	0.220*	0.110	0.049	7.969	10.667*	12.298*	2.423
7	0.326	0.434	0.300*	0.137*	0.028*	0.227*	0.049	0.049	7.969	8.956*	11.600*	2.423
8	0.378	0.434	0.294*	0.131*	0.035*	0.234*	0.186	0.326	6.112	7.244*	10.902*	2.423
9	0.378	0.434	0.289*	0.126*	0.043*	0.241*	0.110	0.748	4.976	5.533	10.205*	2.423
10	0.378	0.434	0.284*	0.121*	0.050*	0.248*	0.078	0.615	7.330	5.510*	9.507*	2.423
11	0.378	0.434	0.279*	0.116*	0.057*	0.255*	0.078	0.552	7.174	5.486*	8.809*	2.423
12	0.378	0.434	0.273*	0.110*	0.064*	0.262*	0.110	0.492	4.572	5.463*	8.111*	2.423
13	0.378	0.434	0.268*	0.105*	0.071*	0.269*	0.078	0.615	3.084	5.439*	7.413*	2.423
14	0.378	0.434	0.263*	0.100*	0.078*	0.276*	0.078	4.705	6.409	5.415*	6.716*	2.529
15	0.378	0.434	0.258*	0.095*	0.085*	0.283*	0.049	8.794	4.976	5.392	6.018*	2.637
16	0.378	0.434	0.252*	0.089*	0.092*	0.290*	0.049	7.969	23.119	5.200	5.320*	3.084
17	0.378	0.434	0.247*	0.084*	0.099*	0.298*	0.049	4.976	22.881	6.864	4.622*	2.914
18	0.378	0.434	0.242*	0.079*	0.106*	0.305*	0.049	3.802	16.384	6.610	3.925*	2.857
19	0.378	0.434	0.237*	0.074*	0.113*	0.312*	0.049	1.727	10.531	6.322	3.227*	2.857
20	0.378	0.434	0.231*	0.068*	0.120*	0.319*	0.049	1.284	13.341	9.147	2.529	2.857
21	0.378	0.434	0.226*	0.063*	0.128*	0.326	0.049	4.309	9.649	12.632	2.529	2.177
22	0.378	0.434	0.221*	0.058*	0.135*	0.326	0.049	9.998	10.531	19.274	2.423	0.915
23	0.378	0.434	0.216*	0.053*	0.142*	0.326	0.026	11.441	10.892	17.109	2.423	0.891
24	0.378	0.434	0.210*	0.047*	0.149*	0.326	0.049	8.794	15.345	14.970	2.423	0.891
25	0.378	0.434	0.205*	0.042*	0.156*	0.326	0.049	13.932	18.536	7.515	2.423	0.818
26	0.378	0.378	0.200*	0.037*	0.163*	0.326	0.110	12.378	10.892	7.422	2.423	0.818
27	0.378	0.378	0.194*	0.032*	0.170*	0.326	0.049	8.461	8.794	5.664	2.529	0.891
28	0.378	0.378	0.189*	0.026*	0.177*	0.326	0.049	13.147	17.448	10.576	2.529	0.891
29	0.378	0.378	0.184*	0.021*	0.000	0.326	0.049	16.384	22.644	17.880	2.529	0.818
30	0.434	0.326	0.179*	0.016*	0.000	0.276	0.049	13.341	20.933*	17.183*	2.529	0.378
31	0.434	0.000	0.173*	0.011*	0.000	0.186	0.000	10.711	0.000	16.485*	2.529	0.000
TOTAL	11.633	12.679	7.816	2.770	2.308	8.426	2.292	159.875	315.600	324.957	210.447	61.037
MEAN	0.375	0.423	0.252	0.089	0.082	0.272	0.076	5.157	10.520	10.482	6.789	2.035
MAX	0.434	0.434	0.326	0.168	0.177	0.326	0.186	16.384	23.119	19.274	15.787	3.084
MIN	0.326	0.326	0.173	0.011	0.000	0.184	0.026	0.049	1.544	5.200	2.423	0.378
AC-FT	23.073	25.149	15.503	5.494	4.577	16.713	4.546	317.108	625.984	644.542	417.415	121.065

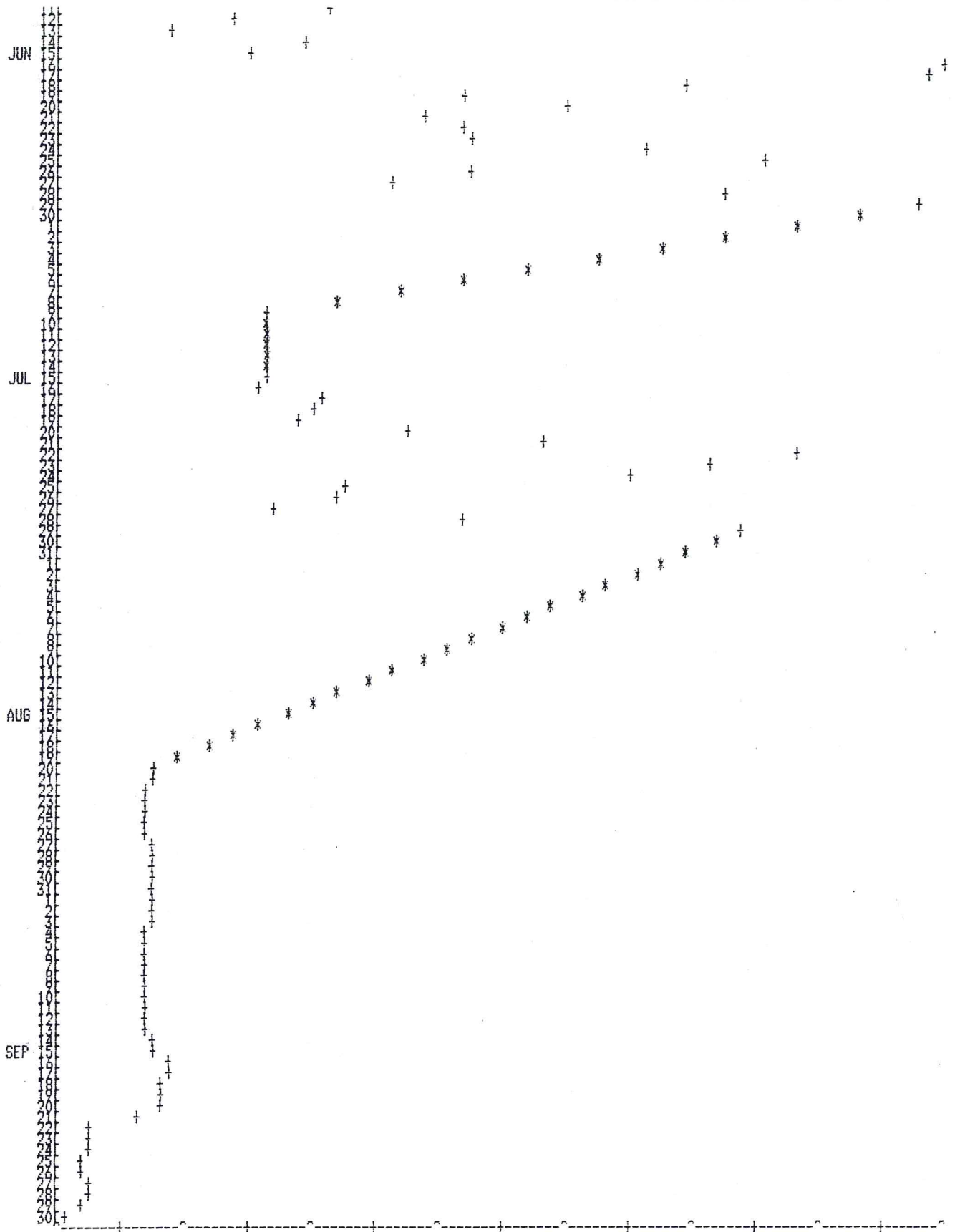
** DISCHARGE, CFS **



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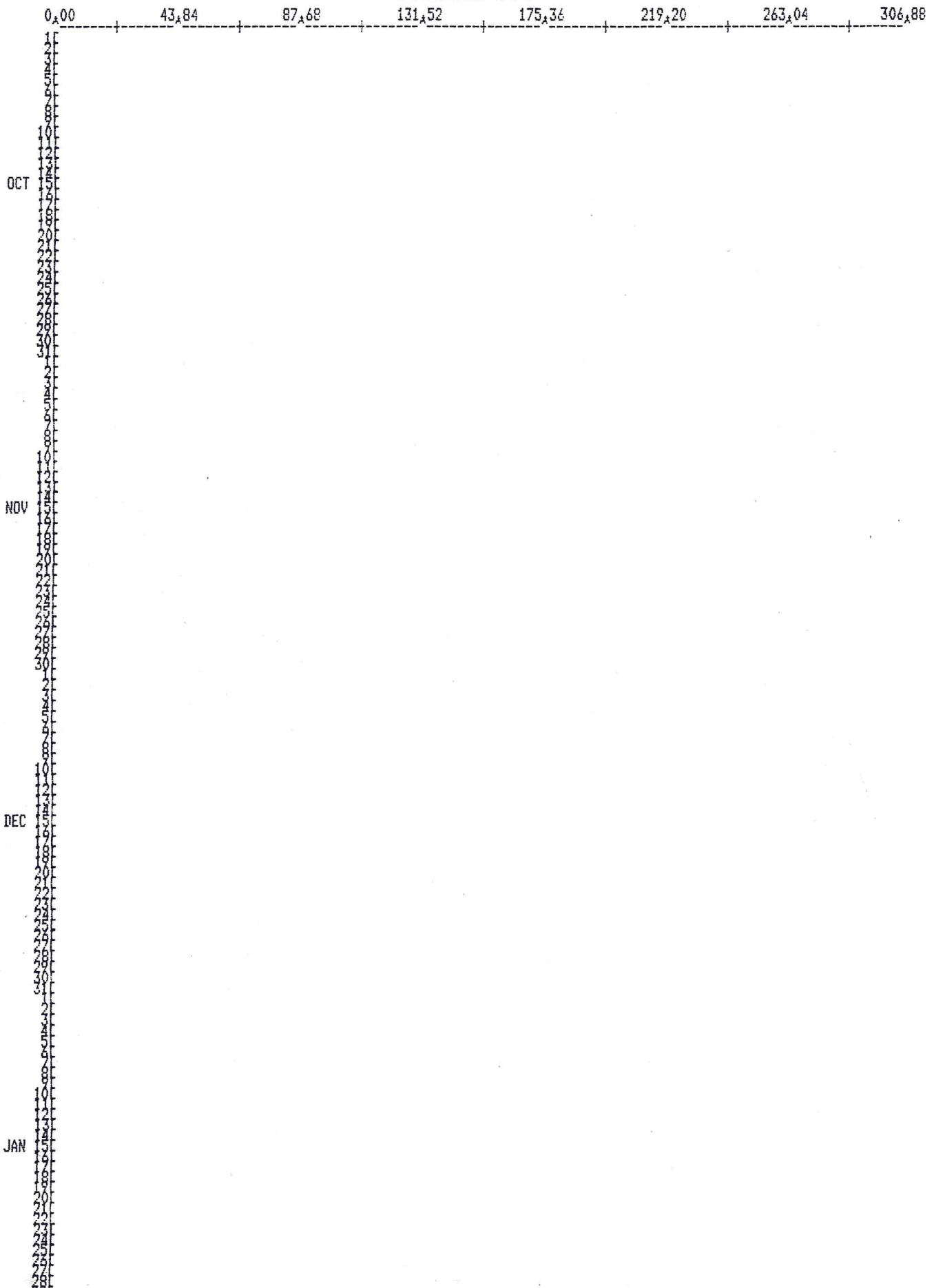
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' STATION MCC82 MUDDY CREEK AT CORDOVA, MUDDY CREEK PROJECT, GREENFIELDS BENCH
 WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 23N R 01W SEC 30 ACA LAT 0 0 0 N LONG 0 0 0 W

DAY	OCT	NOV	DEC	JAN	FEB	MEAN DISCHARGE, CFS		MAY	JUN	JUL	AUG	SEP
						MAR	APR					
1	*****	*****	*****	*****	*****	*****	*****	0.808	2.564	18.175	0.000*	0.000*
2	*****	*****	*****	*****	*****	*****	*****	0.526	2.564	14.110	0.000*	0.000*
3	*****	*****	*****	*****	*****	*****	*****	0.316	2.564	13.093	0.000*	0.000*
4	*****	*****	*****	*****	*****	*****	*****	0.182	2.564	12.136	0.000*	0.000*
5	*****	*****	*****	*****	*****	*****	*****	0.083	2.368	11.905	0.000*	0.000*
6	*****	*****	*****	*****	*****	*****	*****	0.064	1.934	10.582*	0.000*	0.000*
7	*****	*****	*****	*****	*****	*****	*****	0.034	1.213	9.260*	0.000*	0.000*
8	*****	*****	*****	*****	*****	*****	*****	0.019	0.887	7.937*	0.000*	0.000*
9	*****	*****	*****	*****	*****	*****	*****	0.017	0.772	6.614*	0.000*	0.000*
10	*****	*****	*****	*****	*****	*****	*****	0.019	0.772	5.291*	0.000	0.000*
11	*****	*****	*****	*****	*****	*****	*****	0.026	0.702	3.968*	0.000*	0.000*
12	*****	*****	*****	*****	*****	*****	*****	0.153	0.552	2.646*	0.000*	0.000*
13	*****	*****	*****	*****	*****	*****	7.931	0.409	0.639	1.323*	0.000*	0.000*
14	*****	*****	*****	*****	*****	*****	7.217*	0.552	0.580	0.000	0.000*	0.000*
15	*****	*****	*****	*****	*****	*****	6.503*	0.552	0.552	0.000*	0.000*	0.000*
16	*****	*****	*****	*****	*****	*****	5.789*	0.552	0.431	0.000*	0.000*	0.000*
17	*****	*****	*****	*****	*****	*****	5.075*	0.476	0.409	0.000*	0.000*	0.000*
18	*****	*****	*****	*****	*****	*****	4.361*	0.431	0.351	0.000*	0.000*	0.000*
19	*****	*****	*****	*****	*****	*****	3.647*	0.409	0.351	0.000*	0.000*	0.000*
20	*****	*****	*****	*****	*****	*****	2.933*	0.453	0.351	0.000*	0.000*	0.000*
21	*****	*****	*****	*****	*****	*****	2.219*	0.500	0.351	0.000*	0.000*	0.000*
22	*****	*****	*****	*****	*****	*****	1.505	0.500	0.351	0.000*	0.000*	0.000*
23	*****	*****	*****	*****	*****	*****	1.442	0.500	0.351	0.000*	0.000*	0.000*
24	*****	*****	*****	*****	*****	*****	1.213	0.500	0.241	0.000*	0.000*	0.000*
25	*****	*****	*****	*****	*****	*****	0.928	0.500	0.228	0.000*	0.000*	0.000*
26	*****	*****	*****	*****	*****	*****	0.887	0.500	0.204	0.000*	0.000*	0.000*
27	*****	*****	*****	*****	*****	*****	0.887	0.500	0.204	0.000*	0.000*	0.000*
28	*****	*****	*****	*****	*****	*****	1.323	0.409	0.204	0.000*	0.000*	0.000*
29	*****	*****	*****	*****	0.000	*****	2.667	2.773	306.882	0.000*	0.000*	0.000*
30	*****	*****	*****	*****	0.000	*****	1.267	17.543	19.156	0.000*	0.000*	0.000*
31	*****	0.000	*****	*****	0.000	*****	0.000	7.336	0.000	0.000*	0.000*	0.000
TOTAL	*****	*****	*****	*****	*****	*****	*****	37.646	351.287	117.041	0.000	0.000
MEAN	*****	*****	*****	*****	*****	*****	*****	1.214	11.710	3.776	0.000	0.000
MAX	0.000	0.000	0.000	0.000	0.000	0.000	7.931	17.543	306.882	18.175	0.000	0.000
MIN	*****	*****	*****	*****	*****	*****	0.887	0.017	0.204	0.000	0.000	0.000
AC-FT	*****	*****	*****	*****	*****	*****	*****	74.670	696.768	232.148	0.000	0.000

** DISCHARGE, CFS **



MAY

31	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190	1200	1210	1220	1230	1240	1250	1260	1270	1280	1290	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390	1400	1410	1420	1430	1440	1450	1460	1470	1480	1490	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590	1600	1610	1620	1630	1640	1650	1660	1670	1680	1690	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080	2090	2100	2110	2120	2130	2140	2150	2160	2170	2180	2190	2200	2210	2220	2230	2240	2250	2260	2270	2280	2290	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	2510	2520	2530	2540	2550	2560	2570	2580	2590	2600	2610	2620	2630	2640	2650	2660	2670	2680	2690	2700	2710	2720	2730	2740	2750	2760	2770	2780	2790	2800	2810	2820	2830	2840	2850	2860	2870	2880	2890	2900	2910	2920	2930	2940	2950	2960	2970	2980	2990	3000	3010	3020	3030	3040	3050	3060	3070	3080	3090	3100	3110	3120	3130	3140	3150	3160	3170	3180	3190	3200	3210	3220	3230	3240	3250	3260	3270	3280	3290	3300	3310	3320	3330	3340	3350	3360	3370	3380	3390	3400	3410	3420	3430	3440	3450	3460	3470	3480	3490	3500	3510	3520	3530	3540	3550	3560	3570	3580	3590	3600	3610	3620	3630	3640	3650	3660	3670	3680	3690	3700	3710	3720	3730	3740	3750	3760	3770	3780	3790	3800	3810	3820	3830	3840	3850	3860	3870	3880	3890	3900	3910	3920	3930	3940	3950	3960	3970	3980	3990	4000	4010	4020	4030	4040	4050	4060	4070	4080	4090	4100	4110	4120	4130	4140	4150	4160	4170	4180	4190	4200	4210	4220	4230	4240	4250	4260	4270	4280	4290	4300	4310	4320	4330	4340	4350	4360	4370	4380	4390	4400	4410	4420	4430	4440	4450	4460	4470	4480	4490	4500	4510	4520	4530	4540	4550	4560	4570	4580	4590	4600	4610	4620	4630	4640	4650	4
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** DISCHARGE, CFS **

STOP 0.00
Ready

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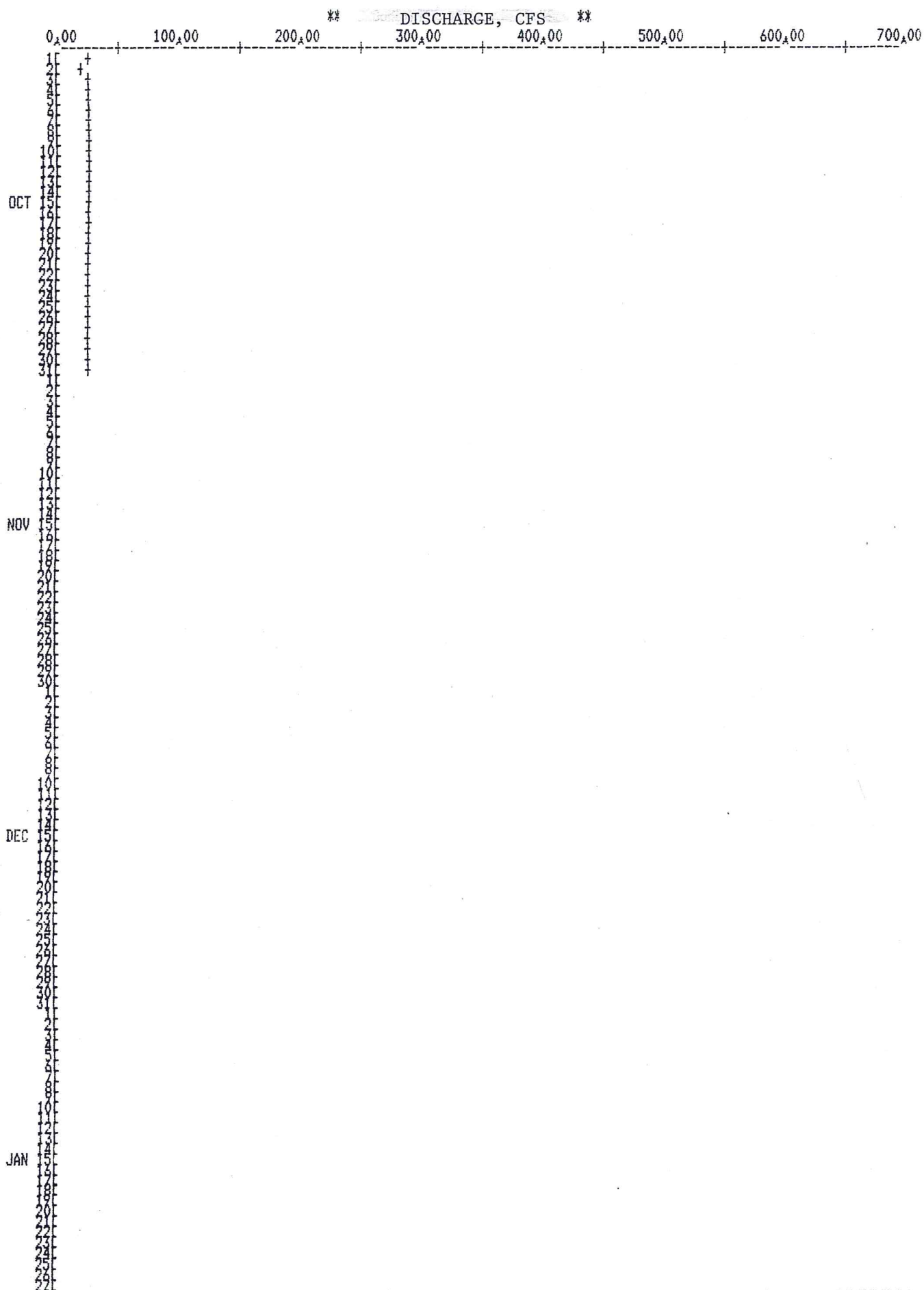
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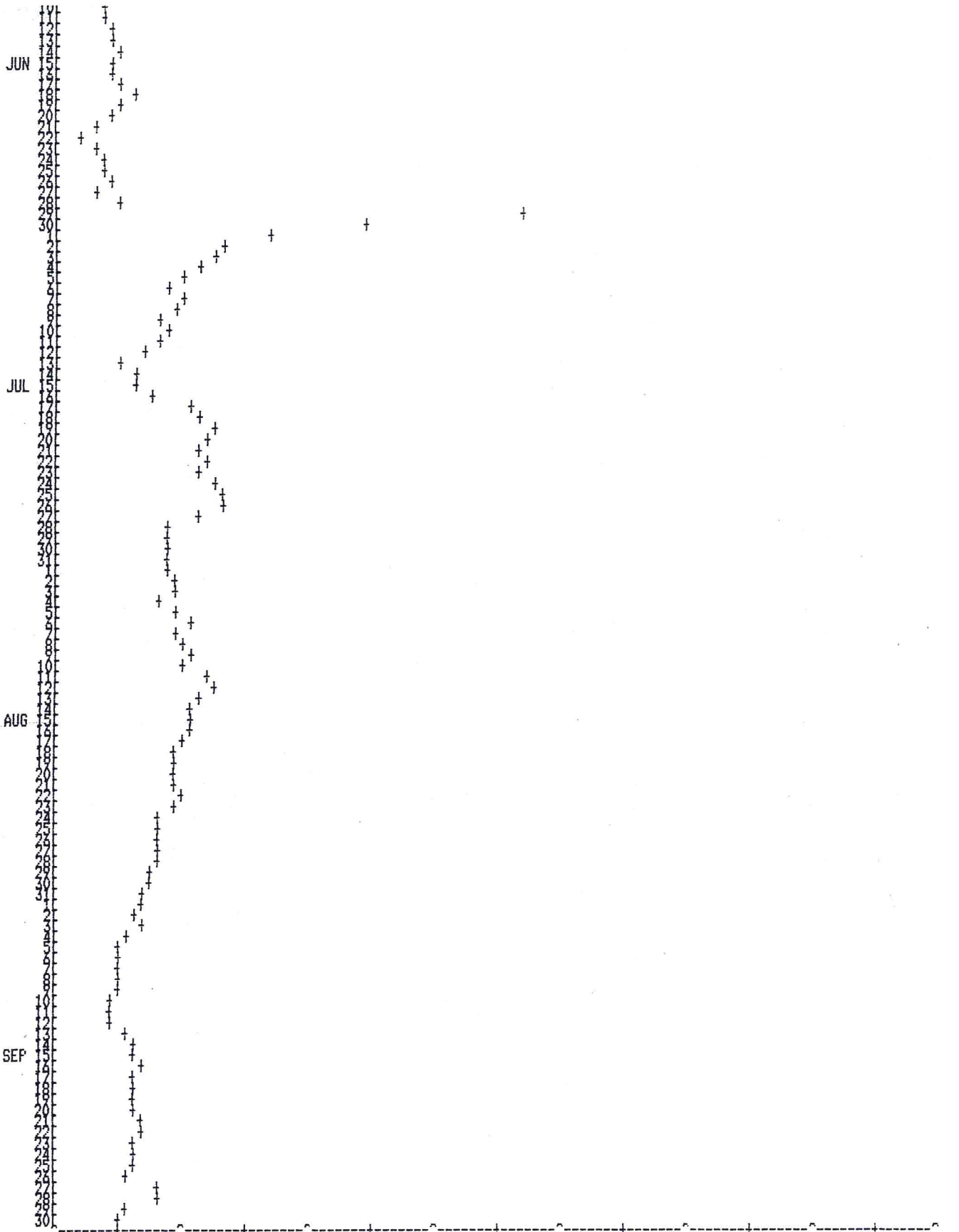
' STATION MCP82 MUDDY CREEK NEAR POWER, MT., MUDDY CREEK PROJECT * USGS STATION *
 WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 23N R 01W SEC 27 CDD LAT 0 0 0 N LONG 0 0 0 W

DAY	OCT	NOV	DEC	JAN	FEB	MEAN DISCHARGE, CFS MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.000	*****	*****	*****	*****	*****	31.000	17.000	59.000	172.000	88.000	70.000
2	24.000	*****	*****	*****	*****	*****	25.000	17.000	49.000	136.000	95.000	68.000
3	25.000	*****	*****	*****	*****	*****	20.000	16.000	46.000	126.000	99.000	69.000
4	27.000	*****	*****	*****	*****	*****	26.000	16.000	48.000	113.000	85.000	60.000
5	27.000	*****	*****	*****	*****	*****	22.000	16.000	49.000	101.000	96.000	51.000
6	26.000	*****	*****	*****	*****	*****	21.000	16.000	45.000	89.000	107.000	51.000
7	29.000	*****	*****	*****	*****	*****	4.600	16.000	49.000	104.000	99.000	51.000
8	29.000	*****	*****	*****	*****	*****	19.000	16.000	44.000	98.000	102.000	52.000
9	28.000	*****	*****	*****	*****	*****	28.000	20.000	38.000	86.000	110.000	51.000
10	28.000	*****	*****	*****	*****	*****	51.000	29.000	39.000	93.000	102.000	46.000
11	29.000	*****	*****	*****	*****	*****	79.000	42.000	42.000	86.000	121.000	47.000
12	29.000	*****	*****	*****	*****	*****	96.000	46.000	46.000	74.000	129.000	48.000
13	29.000	*****	*****	*****	*****	*****	36.000	38.000	46.000	54.000	115.000	61.000
14	29.000	*****	*****	*****	*****	*****	28.000	33.000	51.000	66.000	109.000	63.000
15	28.000	*****	*****	*****	*****	*****	25.000	33.000	49.000	63.000	107.000	65.000
16	28.000	*****	*****	*****	*****	*****	22.000	32.000	45.000	81.000	109.000	71.000
17	27.000	*****	*****	*****	*****	*****	21.000	31.000	51.000	110.000	103.000	68.000
18	27.000	*****	*****	*****	*****	*****	20.000	28.000	67.000	116.000	96.000	68.000
19	27.000	*****	*****	*****	*****	*****	19.000	32.000	55.000	131.000	97.000	65.000
20	27.000	*****	*****	*****	*****	*****	19.000	32.000	44.000	119.000	98.000	64.000
21	26.000	*****	*****	*****	*****	*****	19.000	29.000	34.000	116.000	96.000	69.000
22	26.000	*****	*****	*****	*****	*****	19.000	36.000	21.000	123.000	100.000	73.000
23	26.000	*****	*****	*****	*****	*****	19.000	47.000	35.000	113.000	99.000	67.000
24	26.000	*****	*****	*****	*****	*****	18.000	51.000	38.000	130.000	85.000	66.000
25	27.000	*****	*****	*****	*****	*****	19.000	45.000	39.000	135.000	83.000	65.000
26	26.000	*****	*****	*****	*****	*****	20.000	33.000	44.000	136.000	84.000	62.000
27	26.000	*****	*****	*****	*****	*****	18.000	40.000	34.000	115.000	84.000	84.000
28	26.000	*****	*****	*****	*****	*****	18.000	77.000	56.000	89.000	86.000	83.000
29	26.000	*****	*****	*****	0.000	*****	18.000	177.000	372.000	91.000	79.000	59.000
30	25.000	*****	*****	*****	0.000	*****	17.000	227.000	244.000	93.000	75.000	51.000
31	25.000	0.000	*****	*****	0.000	*****	0.000	85.000	0.000	92.000	69.000	0.000
TOTAL	836.000	*****	*****	*****	*****	*****	797.600	1373.000	1879.000	3251.000	3007.000	1868.000
MEAN	26.968	*****	*****	*****	*****	*****	26.587	44.290	62.633	104.871	97.000	62.267
MAX	29.000	0.000	0.000	0.000	0.000	0.000	96.000	227.000	372.000	172.000	129.000	84.000
MIN	24.000	*****	*****	*****	*****	*****	4.600	16.000	21.000	54.000	69.000	46.000



MAY

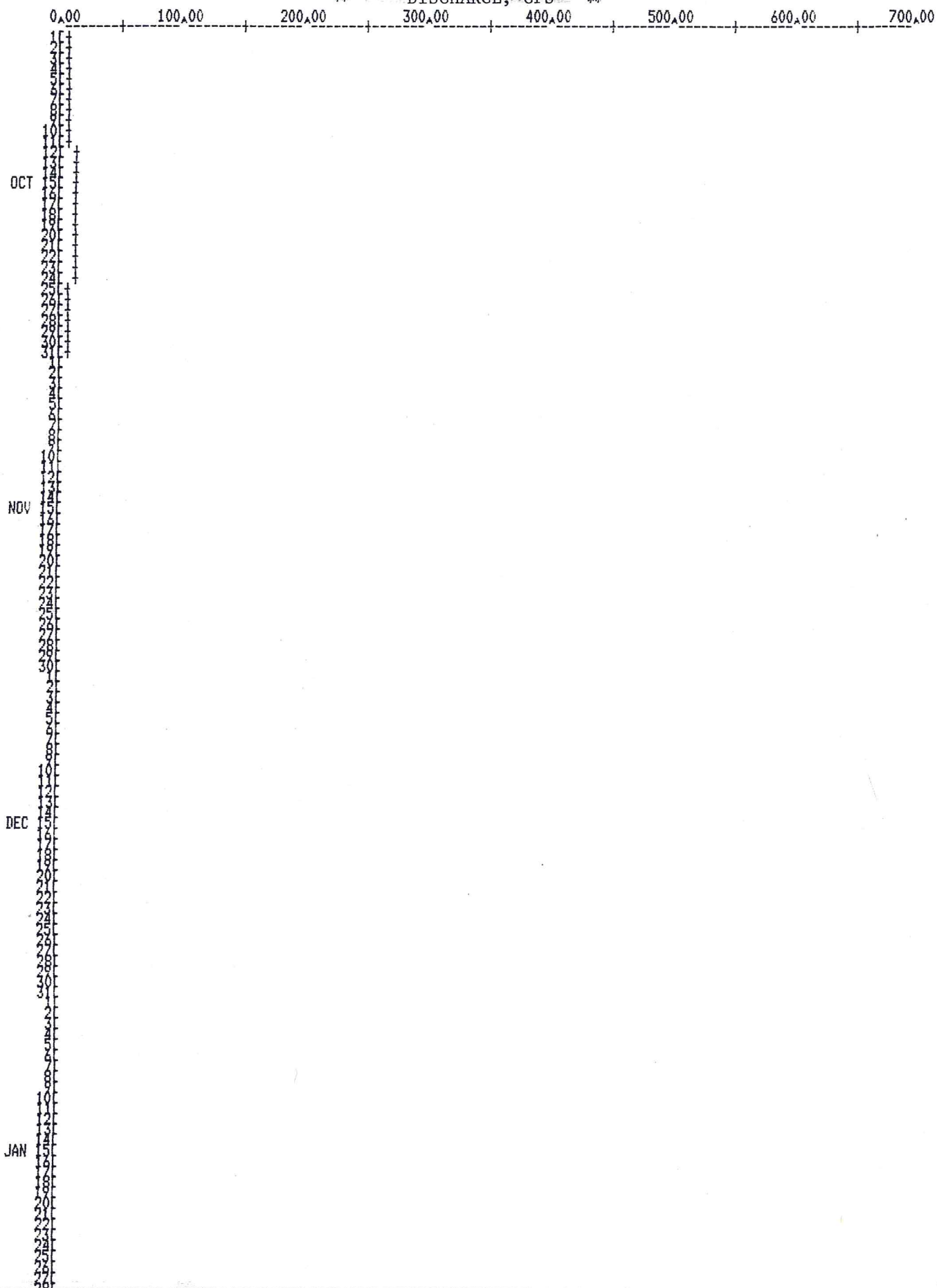
Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100



STOP 0.00 100.00 200.00 300.00 400.00 500.00 600.00 700.00
Ready

DISCHARGE, CFS

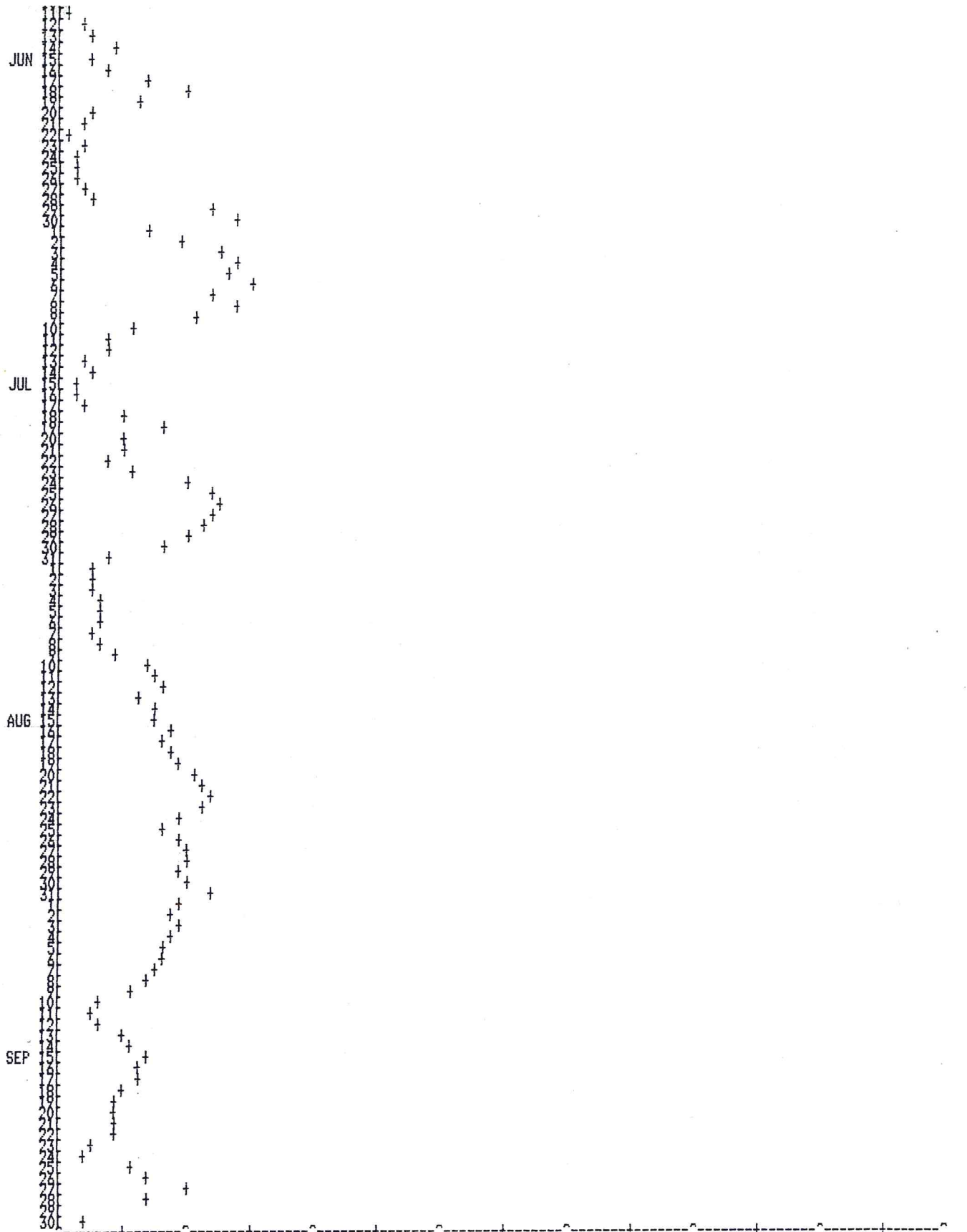
DISCHARGE, CFS



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APR

MAY



STOP 0.00 100.00 200.00 300.00 400.00 500.00 600.00 700.00

Ready

** DISCHARGE, CFS **

STATION TC82 TANK COULEE NEAR POWER, MT. MUDDY CREEK PROJECT * USGS STATION *
 WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 22N R 01W SEC 24 CDA LAT 0 0 0 N LONG 0 0 0 W

MEAN DISCHARGE, CFS												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.000	*****	*****	*****	*****	*****	11.000	6.900	52.000	65.000	90.000	39.000
2	11.000	*****	*****	*****	*****	*****	10.000	7.200	46.000	60.000	85.000	38.000
3	10.000	*****	*****	*****	*****	*****	10.000	7.200	45.000	54.000	76.000	35.000
4	11.000	*****	*****	*****	*****	*****	9.000	6.900	46.000	48.000	71.000	36.000
5	11.000	*****	*****	*****	*****	*****	9.500	6.900	46.000	42.000	71.000	32.000
6	12.000	*****	*****	*****	*****	*****	8.000	6.900	46.000	36.000	67.000	32.000
7	15.000	*****	*****	*****	*****	*****	2.300	6.900	50.000	42.000	71.000	33.000
8	14.000	*****	*****	*****	*****	*****	11.000	9.500	44.000	42.000	76.000	30.000
9	12.000	*****	*****	*****	*****	*****	11.000	20.000	38.000	39.000	72.000	28.000
10	13.000	*****	*****	*****	*****	*****	12.000	27.000	38.000	40.000	67.000	25.000
11	17.000	*****	*****	*****	*****	*****	23.000	26.000	36.000	47.000	83.000	28.000
12	17.000	*****	*****	*****	*****	*****	18.000	17.000	35.000	48.000	95.000	26.000
13	17.000	*****	*****	*****	*****	*****	15.000	14.000	30.000	54.000	85.000	28.000
14	16.000	*****	*****	*****	*****	*****	12.000	18.000	22.000	68.000	80.000	33.000
15	15.000	*****	*****	*****	*****	*****	10.000	14.000	18.000	59.000	75.000	28.000
16	14.000	*****	*****	*****	*****	*****	9.400	15.000	16.000	69.000	65.000	26.000
17	14.000	*****	*****	*****	*****	*****	9.200	15.000	24.000	72.000	55.000	25.000
18	13.000	*****	*****	*****	*****	*****	8.900	17.000	26.000	72.000	52.000	26.000
19	13.000	*****	*****	*****	*****	*****	8.300	16.000	22.000	74.000	48.000	25.000
20	13.000	*****	*****	*****	*****	*****	9.200	13.000	22.000	73.000	54.000	29.000
21	13.000	*****	*****	*****	*****	*****	8.900	13.000	24.000	72.000	56.000	33.000
22	13.000	*****	*****	*****	*****	*****	9.200	15.000	23.000	62.000	58.000	32.000
23	13.000	*****	*****	*****	*****	*****	8.600	16.000	24.000	58.000	60.000	30.000
24	14.000	*****	*****	*****	*****	*****	8.600	19.000	24.000	54.000	60.000	23.000
25	13.000	*****	*****	*****	*****	*****	8.600	20.000	21.000	60.000	45.000	17.000
26	12.000	*****	*****	*****	*****	*****	8.300	29.000	22.000	68.000	52.000	25.000
27	12.000	*****	*****	*****	*****	*****	8.000	42.000	24.000	68.000	50.000	55.000
28	12.000	*****	*****	*****	*****	*****	7.700	60.000	40.000	74.000	48.000	60.000
29	12.000	*****	*****	*****	0.000	*****	7.400	70.000	111.000	76.000	45.000	50.000
30	12.000	*****	*****	*****	0.000	*****	7.200	62.000	82.000	78.000	43.000	40.000
31	11.000	0.000	*****	*****	0.000	*****	0.000	59.000	0.000	86.000	40.000	0.000
TOTAL	405.000	*****	*****	*****	*****	*****	299.300	675.400	1097.000	1860.000	1995.000	967.000
MEAN	13.065	*****	*****	*****	*****	*****	9.977	21.787	36.567	60.000	64.355	32.233
MAX	17.000	0.000	0.000	0.000	0.000	0.000	23.000	70.000	111.000	86.000	95.000	60.000
MIN	10.000	*****	*****	*****	*****	*****	2.300	6.900	16.000	36.000	40.000	17.000

** DISCHARGE, CFS **

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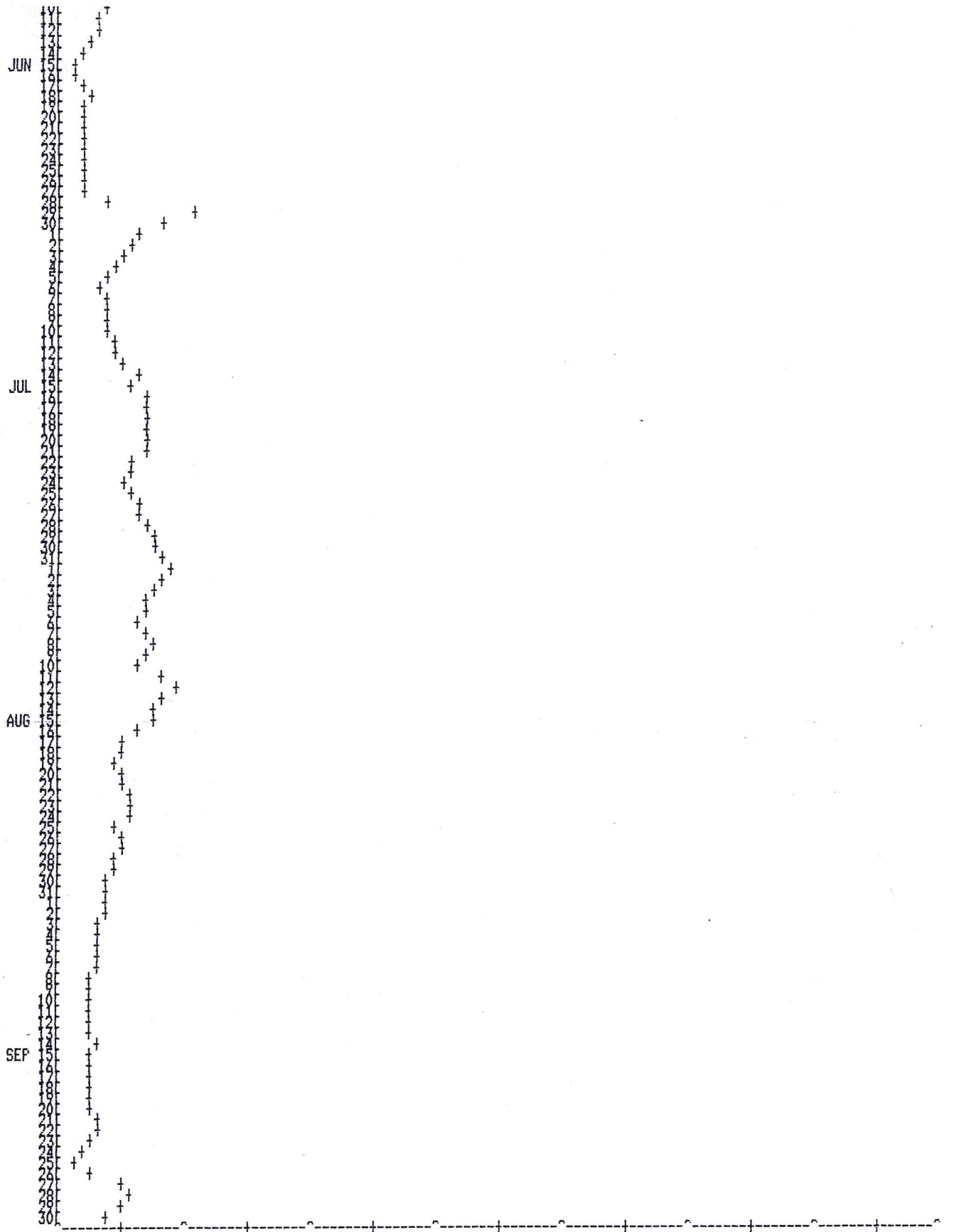
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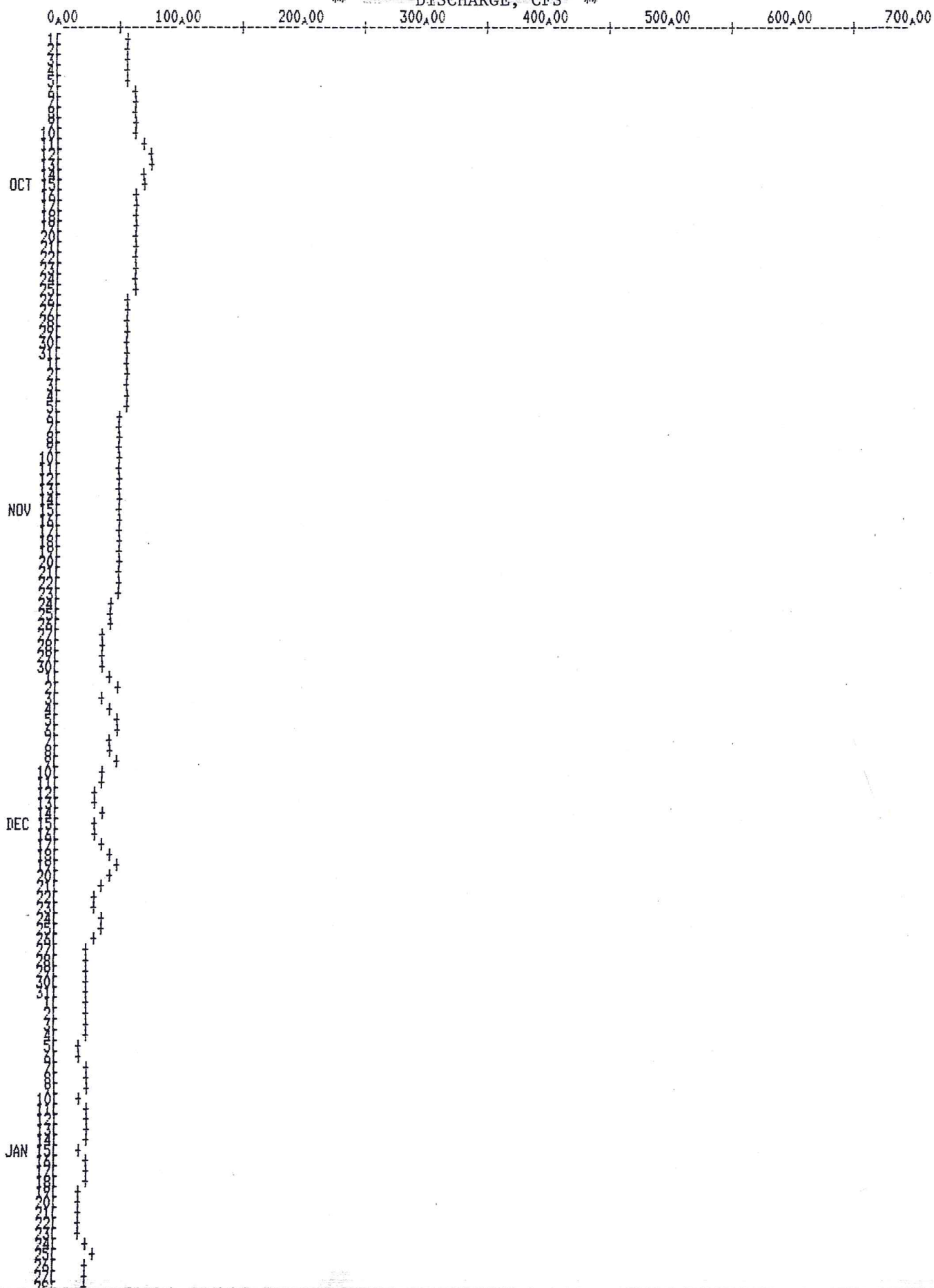


STOP 0.00 100.00 200.00 300.00 400.00 500.00 600.00 700.00
 Ready

' STATION HCV82 MUDDY CREEK NEAR VAUGHN (GORDON) * USGS STATION *
WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 22N R 01E SEC 32 AB LAT 0 0 0 N LONG 0 0 0 W

DAY	MEAN DISCHARGE, CFS											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62.000	57.000	47.000	27.000	25.000	33.000	62.000	40.000	178.000	375.000	278.000	228.000
2	58.000	57.000	52.000	26.000	23.000	30.000	54.000	39.000	179.000	349.000	277.000	219.000
3	58.000	57.000	42.000	30.000	21.000	29.000	48.000	38.000	177.000	372.000	272.000	216.000
4	58.000	57.000	47.000	29.000	23.000	28.000	49.000	37.000	148.000	371.000	281.000	205.000
5	62.000	57.000	52.000	23.000	25.000	31.000	50.000	37.000	133.000	367.000	281.000	184.000
6	65.000	55.000	54.000	20.000	26.000	29.000	49.000	37.000	119.000	354.000	287.000	182.000
7	66.000	54.000	45.000	25.000	22.000	32.000	28.000	38.000	130.000	329.000	268.000	181.000
8	68.000	54.000	47.000	30.000	20.000	40.000	49.000	63.000	125.000	357.000	281.000	169.000
9	66.000	54.000	51.000	25.000	21.000	50.000	61.000	122.000	108.000	301.000	310.000	153.000
10	66.000	52.000	43.000	24.000	23.000	165.000	74.000	173.000	106.000	266.000	309.000	122.000
11	73.000	53.000	38.000	25.000	25.000	120.000	113.000	144.000	106.000	248.000	356.000	126.000
12	77.000	53.000	35.000	27.000	27.000	78.000	141.000	114.000	118.000	257.000	378.000	131.000
13	75.000	52.000	33.000	28.000	35.000	67.000	78.000	105.000	123.000	214.000	327.000	165.000
14	74.000	55.000	40.000	29.000	40.000	58.000	63.000	94.000	142.000	252.000	325.000	188.000
15	69.000	53.000	37.000	24.000	80.000	50.000	55.000	72.000	124.000	228.000	315.000	186.000
16	68.000	53.000	36.000	25.000	200.000	39.000	50.000	65.000	130.000	249.000	299.000	182.000
17	66.000	54.000	40.000	30.000	170.000	40.000	49.000	64.000	169.000	288.000	284.000	183.000
18	65.000	53.000	45.000	27.000	150.000	38.000	47.000	61.000	225.000	357.000	278.000	172.000
19	64.000	51.000	50.000	23.000	125.000	35.000	45.000	73.000	183.000	385.000	281.000	167.000
20	65.000	50.000	46.000	21.000	140.000	33.000	43.000	77.000	126.000	316.000	302.000	171.000
21	64.000	51.000	40.000	19.000	110.000	38.000	45.000	66.000	121.000	294.000	310.000	170.000
22	64.000	52.000	36.000	21.000	85.000	45.000	44.000	80.000	75.000	256.000	319.000	157.000
23	64.000	52.000	33.000	22.000	66.000	47.000	43.000	118.000	107.000	267.000	319.000	134.000
24	65.000	49.000	38.000	27.000	54.000	44.000	43.000	173.000	103.000	334.000	285.000	140.000
25	64.000	48.000	40.000	35.000	43.000	38.000	43.000	133.000	102.000	367.000	247.000	165.000
26	62.000	44.000	36.000	31.000	37.000	44.000	45.000	118.000	104.000	409.000	270.000	196.000
27	61.000	42.000	31.000	28.000	39.000	60.000	43.000	197.000	100.000	363.000	270.000	302.000
28	60.000	40.000	28.000	29.000	41.000	107.000	42.000	275.000	131.000	343.000	265.000	289.000
29	60.000	43.000	25.000	30.000	0.000	113.000	41.000	358.000	679.000	333.000	252.000	177.000
30	59.000	41.000	28.000	31.000	0.000	79.000	40.000	435.000	596.000	324.000	254.000	145.000
31	58.000	0.000	26.000	28.000	0.000	65.000	0.000	227.000	0.000	283.000	248.000	0.000
TOTAL	2006.000	1543.000	1241.000	819.000	1696.000	1705.000	1637.000	3673.000	4967.000	9808.000	9028.000	5405.000
MEAN	64.710	51.433	40.032	26.419	60.571	55.000	54.567	118.484	165.567	316.387	291.226	180.167
MAX	77.000	57.000	54.000	35.000	200.000	165.000	141.000	435.000	679.000	409.000	378.000	302.000
MIN	58.000	40.000	25.000	19.000	20.000	28.000	28.000	37.000	75.000	214.000	247.000	122.000

DISCHARGE, CFS

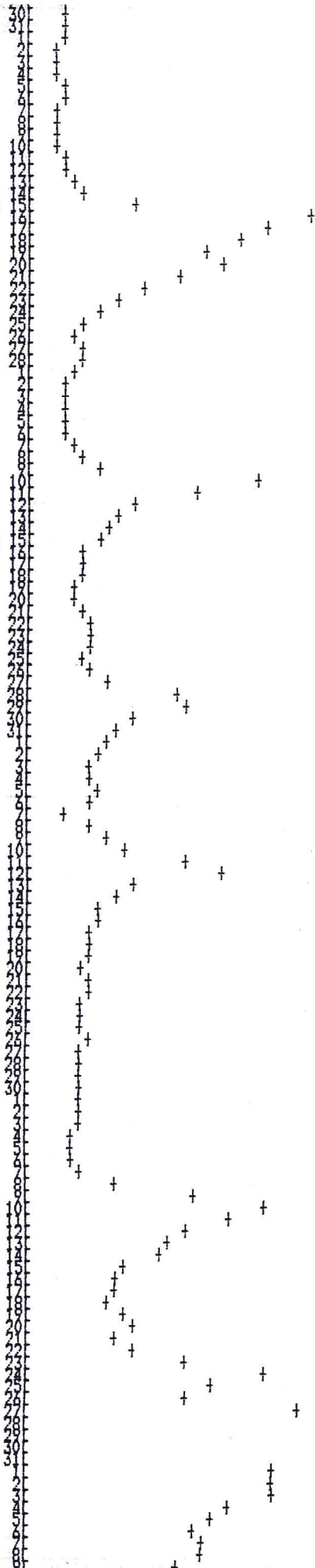


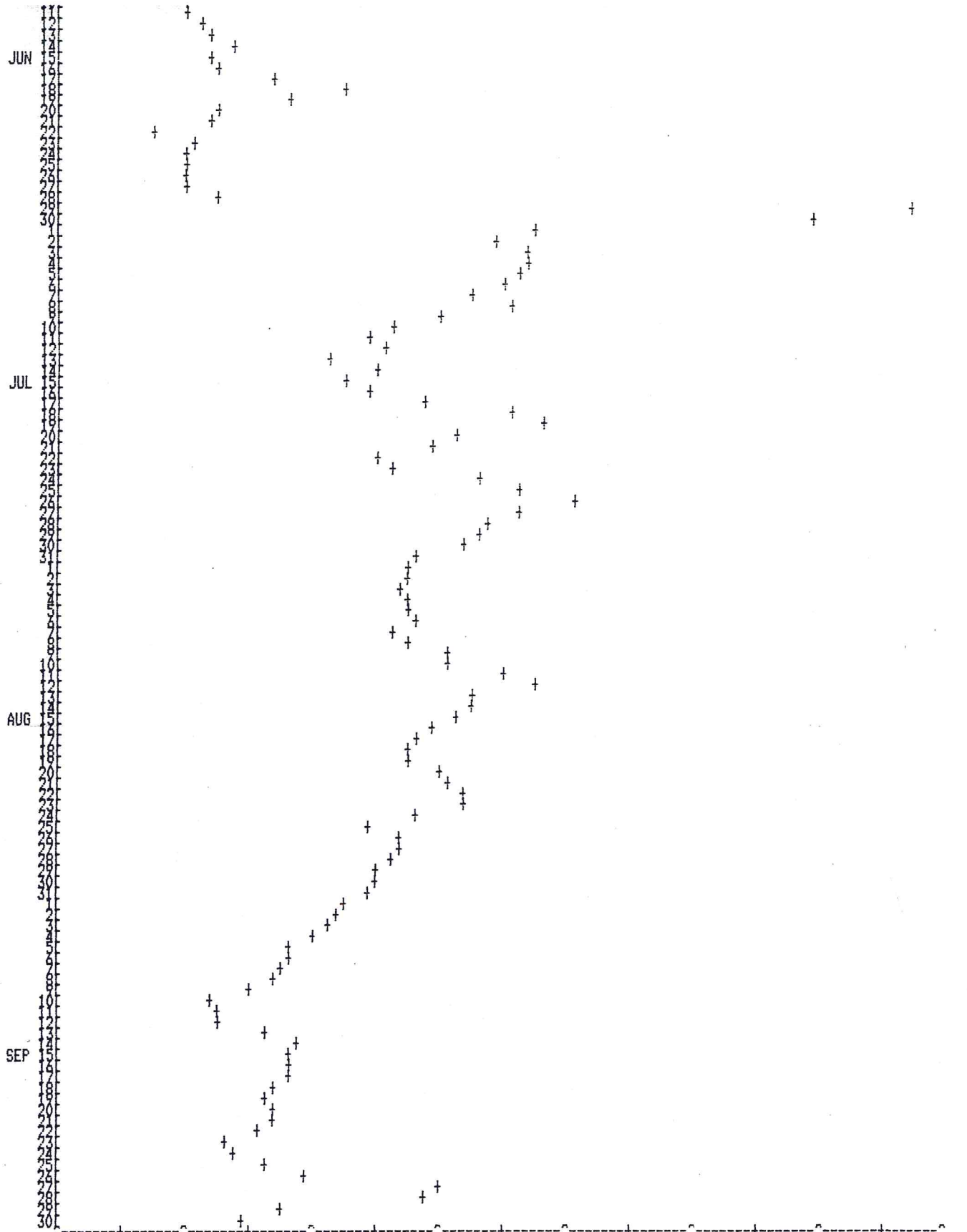
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STOP 0.00 100.00 200.00 300.00 400.00 500.00 600.00 700.00

Ready

DISCHARGE, CFS

' STATION SC82 SPRING COULEE NEAR POWER, MT, MUDDY CREEK PROJECT * USGS STATION *
WATER YEAR FROM SEPT 1981 TO OCT 1 1982 T 22N R 01W SEC 14 BCD LAT 0 0 0 N LONG 0 0 0 W

DAY	MEAN DISCHARGE, CFS											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.200	*****	*****	*****	*****	*****	5.700	5.400	44.000	73.000	30.000	98.000
2	7.100	*****	*****	*****	*****	*****	5.000	5.400	64.000	95.000	26.000	92.000
3	7.800	*****	*****	*****	*****	*****	4.000	5.400	65.000	126.000	26.000	95.000
4	7.500	*****	*****	*****	*****	*****	4.000	5.400	34.000	140.000	35.000	89.000
5	9.700	*****	*****	*****	*****	*****	5.000	5.200	14.000	134.000	35.000	84.000
6	12.000	*****	*****	*****	*****	*****	4.000	5.400	7.800	150.000	36.000	83.000
7	11.000	*****	*****	*****	*****	*****	3.000	5.400	9.300	124.000	28.000	81.000
8	11.000	*****	*****	*****	*****	*****	3.500	27.000	8.900	143.000	33.000	73.000
9	11.000	*****	*****	*****	*****	*****	7.800	55.000	8.500	108.000	46.000	62.000
10	11.000	*****	*****	*****	*****	*****	6.800	84.000	8.900	61.000	74.000	36.000
11	12.000	*****	*****	*****	*****	*****	9.300	50.000	8.900	43.000	77.000	29.000
12	15.000	*****	*****	*****	*****	*****	8.200	30.000	23.000	40.000	83.000	37.000
13	18.000	*****	*****	*****	*****	*****	7.500	31.000	26.000	24.000	68.000	55.000
14	18.000	*****	*****	*****	*****	*****	6.800	13.000	44.000	25.000	81.000	62.000
15	16.000	*****	*****	*****	*****	*****	6.200	3.700	29.000	17.000	76.000	69.000
16	16.000	*****	*****	*****	*****	*****	6.000	3.700	42.000	15.000	90.000	64.000
17	15.000	*****	*****	*****	*****	*****	6.200	4.100	69.000	24.000	87.000	65.000
18	15.000	*****	*****	*****	*****	*****	6.200	5.400	102.000	55.000	92.000	56.000
19	14.000	*****	*****	*****	*****	*****	6.200	8.500	68.000	83.000	98.000	45.000
20	14.000	*****	*****	*****	*****	*****	6.000	8.200	31.000	56.000	110.000	44.000
21	13.000	*****	*****	*****	*****	*****	6.200	6.000	23.000	53.000	117.000	46.000
22	13.000	*****	*****	*****	*****	*****	6.200	16.000	8.900	42.000	119.000	47.000
23	13.000	*****	*****	*****	*****	*****	6.200	32.000	20.000	61.000	117.000	29.000
24	13.000	*****	*****	*****	*****	*****	6.000	70.000	13.000	100.000	98.000	24.000
25	12.000	*****	*****	*****	*****	*****	6.500	42.000	15.000	121.000	83.000	57.000
26	12.000	*****	*****	*****	*****	*****	6.200	55.000	14.000	126.000	98.000	73.000
27	12.000	*****	*****	*****	*****	*****	6.000	69.000	20.000	122.000	103.000	100.000
28	12.000	*****	*****	*****	*****	*****	6.000	87.000	28.000	113.000	100.000	72.000
29	12.000	*****	*****	*****	0.000	*****	5.700	68.000	121.000	105.000	98.000	0.180
30	12.000	*****	*****	*****	0.000	*****	5.700	46.000	138.000	86.000	105.000	19.000
31	12.000	0.000	*****	*****	0.000	*****	0.000	42.000	0.000	41.000	119.000	0.000
TOTAL	385.300	*****	*****	*****	*****	*****	178.100	894.200	1108.200	2506.000	2388.000	1786.180
MEAN	12.429	*****	*****	*****	*****	*****	5.937	28.845	36.940	80.839	77.032	59.539
MAX	18.000	0.000	0.000	0.000	0.000	0.000	9.300	87.000	138.000	150.000	119.000	100.000
MIN	7.100	*****	*****	*****	*****	*****	3.000	3.700	7.800	15.000	26.000	0.180