

FLOW MEASUREMENTS & CHEMICAL ANALYSES

EXHIBIT 5

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
1	4/1/75		5.0	4	4	0.3	0	300						
	5/6/75		5.2	4	6	0.5	0	250						
	6/9/75		6.1	4	10	0.3	0	325						
	7/16/75		6.9	0	20	0.14		74						
	8/18/75		7.4	0	20	0.06		56						
	9/15/75		6.4	2	20	2.3	0.06	110						
	10/13/75		5.8	0	20	0.3	0.05	28						
	11/10/75		6.8	8	20	0.4	0	35						
	12/8/75		6.1	4	18	0.8	0.2	40						
	1/19/76	FROZEN												
	2/25/76		4.5	24	2	1.1	0.6	100						
	3/25/76		66	12	18	0.3	0.2	90						
	4/27/76		6.2	10	10	0.4	0.15	115						
	AVG.		6.1	6	14	0.58	0.13	127						
	RANGE		4.5 - 7.4	0 - 24	2 - 20	0.06 - 2.3	0 - 0.6	28 - 325						
	2	4/1/75		5.6	4	4	0.2	0	300					
5/6/75			6.4	4	12	0.1	0	275						
6/9/75			6.2	2	10	0.1	0	250						
7/16/75			6.9	0	20	0.1		56						
8/18/75			7.3	0	16	0.04		52						
9/15/75			6.5	4	20	1.4	0.19	120						
10/13/75			6.3	0	20	0.3	0.05	33						
11/10/75			6.6	8	20	0.3	0	30						
12/8/75			6.4	2	16	0.3	0.1	20						
1/19/76		FROZEN												
2/25/76			7.0	8	4	0.4	0.2	95						
3/25/76			7.2	8	16	0.2	0.1	100						
4/27/76			6.1	2	14	0.3	0.15	108						
AVG.			6.5	3.5	14	0.31	0.08	120						
RANGE			5.6 - 7.3	0 - 8	4 - 20	0.1 - 1.4	0 - 0.2	20 - 300						
3		4/1/75	65,482	3.6	28	0	2.0	0	325	22,002	0	1,572	0	255,380
	5/6/75	67,189	4.0	12	0	1.6	0	250	9,675	0	1,290	0	201,567	
	6/9/75	38,095	4.0	16	0	1.6	0	275	7,314	0	731	0	125,714	
	7/16/75	6,648	3.6	64	0	1.0		720	5,106	0	80		57,439	
	8/18/75	8,734	3.6	104	0	1.2		286	10,900	0	126		29,975	
	9/15/75	15,565	4.2	68	0.05	5.5	1	160	12,701	93	1027	187	29,885	
	10/13/75	15,328	4.4	40	2	2.4	0.95	130	7,357	368	441	175	23,912	
	11/10/75	9,807	3.8	36	0	9.2	0.2	125	4,237	0	1,083	24	14,711	
	12/8/75	22,880	4.2	128	2	2.6	1.5	75	35,144	549	714	412	20,592	
	1/19/76	FROZEN												
	2/25/76	48,996	3.5	52	0	1.9	1.3	150	30,574	0	1,117	764	88,193	
	3/25/76	38,227	4.3	34	4	1.8	1.2	125	15,597	1,835	826	550	57,341	
	4/27/76	66,707	4.4	18	4	2	1.3	100	14,409	3,202	1,601	1,041	80,048	
	AVG.	33,638	4.0	50	1.0	2.7	0.75	227	14,585	497	884	315	8,206	
	RANGE	6,648 - 67,189	3.5 - 4.4	12 - 128	0 - 4	1.0 - 9.2	0 - 1.5	75 - 720	4,237 - 35,144	0 - 3,202	80 - 1,601	0 - 1,041	14,711 - 255,380	
	4	4/1/75	1513	3.6	68	0	1.0	0	350	1,235	0	18	0	6,355
5/6/75		2,677	3.9	28	0	0.6	0	275	899	0	19	0	8,834	
6/9/75		2,460	3.9	4	0	1.0	0	300	118	0	30	0	8,856	
7/16/75		459	3.7	76	0	0.92		720	419	0	5.1		3,966	
8/18/75		434	3.7	22	0	1.1		264	115	0	5.7		1,375	
9/15/75		1,218	4.2	68	1	7.0	0.9	220	994	15	102	13	3,216	
10/13/75		1,198	4.2	56	4	1.9	0.65	140	805	58	27	9.3	2,013	
11/10/75		2,140	4.0	52	0	1.5	0.45	150	1,335	0	39	12	3,852	
12/8/75		1,457	3.9	60	0	1.4	0.6	100	1,049	0	24	10	1,748	
1/19/76		2,672	3.6	74	0	2.7	1.7	190	2,373	0	87	55	6,092	
2/25/76		3,471	3.1	94	0	1.0	0.8	175	3,915	0	42	33	7,289	
3/25/76		4,650	3.9	64	0	1.2	0.6	140	3,571	0	67	33	7,812	
4/27/76		4,250	4.2	34	0	1.1	0.6	115	1,734	0	56	31	5,865	
AVG.		2,200	3.8	54	0.38	1.7	0.57	262	1,428	5.6	40	18	5,175	
RANGE		434 - 4,650	3.1 - 4.2	4 - 94	0 - 4	0.6 - 7.0	0 - 1.7	100 - 720	115 - 3,915	0 - 58	5.1 - 102	0 - 55	1,375 - 8,856	
5		4/1/75	1,662	4.9	2	2	0	0	275	40	40	0	0	5,485
	7/16/75	196	5.7	6	8	0.36		32	14	19	0.85		75	
	SAMPLE	DISCONTINUED												
	AVG.	929	5.3	4	5	0.18	0	154	27	29.5	0.43	0	2,780	
RANGE	196 - 1,662	4.9 - 5.7	2 - 6	2 - 8	0 - 0.36	0	32 - 275	14 - 40	19 - 40	0 - 0.85	0	75 - 5,485		

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
6	4/1/75	1227	5.9	2	4	0.1	0	325	29	59	1.5	0	4,785	
	7/16/75	634	6.3	0	20	0.17		48	0	152	1.3		365	
		SAMPLE	DISCONTINUED											
	AVG.	931	6.1	1	12	0.14	0	187	15	106	1.4	0	2,575	
	RANGE	634 - 1,227	5.9 - 6.3	0 - 2	4 - 20	0.1 - 0.17	0	48 - 325	0 - 29	59 - 152	1.3 - 1.5	0	0	365 - 4,785
7	4/2/75	625	4.5	4	0	0	0	325	30	0	0	0	2,438	
	7/16/75	83	5.5	6	6	0.15		10	6.0	6.0	0.15		10	
	8/18/75	81	5.6	16	6	0.12		20	16	5.8	0.12		19	
	9/17/75	146	5.6	4	10	0.19	0	65	7.0	18	0.33	0	114	
	10/13/75	397	5.6	0	20	0.2	0	33	0	95	0.95	0	157	
	11/10/75	1,230	5.1	4	10	0.4	0.2	28	59	148	5.9	3.0	413	
	12/8/75	847	5.2	4	4	0.1	0	20	41	41	1.0	0	203	
	1/19/76	FROZEN												
	2/25/76	498	7.3	8	30	0.1	0	750	48	179	0.6	0	4,482	
	3/29/76	385	7.4	6	16	0.1	0	60	28	74	0.46	0	277	
	4/27/76	936	5.3	4	8	0.1	0	205	45	90	1.1	0	2,303	
	AVG.	523	5.7	5.6	11	0.15	0.03	152	28	66	1.1	0.38		1,042
	RANGE	81 - 1,230	4.5 - 7.4	0 - 16	0 - 30	0 - 0.4	0 - 0.2	10 - 750	0 - 59	0 - 179	0 - 5.9	0 - 3.0	0 - 10	10 - 4,482
	8	4/2/75	1,956	3.7	6	0	3.2	1.1	275	141	0	75	26	6,455
		7/16/75	400	3.8	24	0	4.5		184	115	0	22		883
8/18/75		284	3.7	400	0	2		220	1,363	0	6.8		750	
9/17/75		6,333	4.0	20	0	5.8	3.9	85	1,520	0	441	296	6,460	
10/13/75		3,584	4.6	20	16	5.1	3.0	325	860	688	219	129	13,978	
11/10/75		8,736	4.1	16	2	5.0	2.4	53	1,677	210	524	252	5,556	
12/8/75		6,615	4.5	8	8	4.5	3.2	67	635	636	357	254	5,318	
1/19/76		4,684	4.8	22	10	4.7	3.4	120	1,237	562	264	191	6,745	
2/19/76		2,7931	4.5	10	4	1.6	0.5	70	3,352	1,341	536	168	23,462	
3/29/76		671	6.5	12	12	2.6	1.9	55	97	97	21	15	443	
4/22/76		2,188	4.6	12	16	3.4	1.5	75	315	42	89	39	1,969	
AVG.		5,762	4.4	50	6.2	3.9	2.3	139	1,028	359	232	152		6,547
RANGE		284 - 27,931	3.7 - 4.8	6 - 400	0 - 16	1.6 - 5.8	0.5 - 3.9	53 - 325	97 - 3,352	0 - 1,341	6.8 - 536	15 - 296	15 - 168	443 - 23,462
9		4/8/75	490	4.8	4	2	0	0	275	24	12	0	0	1,617
		7/17/75	48	5.4	4	6	0.12		34	2.3	3.5	0.07		20
		SAMPLE	DISCONTINUED											
	AVG.	269	5.1	4	4	0.06	0	155	13	7.8	0.01	0		819
	RANGE	48 - 490	4.8 - 5.4	4	2 - 6	0 - 0.12	0	34 - 275	2.3 - 24	3.5 - 12	0.07	0	0	20 - 1,617
10	4/8/75	476	4.8	2	2	0	0	300	11	11	0	0	1,715	
	7/17/75	DRY							0	0	0	0	0	
		SAMPLE	DISCONTINUED											
AVG.	476	4.8	2	2	0	0	300	5.5	5.5	0	0		858	
RANGE	476	4.8	2	2	0	0	300	0 - 11	0 - 11	0	0		0 - 1,715	
11	4/3/75	3,815	5.6	2	6	0.4	0	275	92	275	18	0	12,590	
	7/17/75	437	6.2	2	8	0.16		26	10	42	0.84		136	
		SAMPLE	DISCONTINUED											
	AVG.	2,126	5.9	2	7	0.28	0	151	51	159	9.4	0		6,363
RANGE	437 - 3,815	5.6 - 6.2	2	6 - 8	0.16 - 0.4	0	26 - 275	10 - 92	42 - 275	0.84 - 18	0		136 - 12,590	
12	4/8/75	8,209	3.1	154	0	11	9.0	450	15,170	0	1,084	887	44,329	
	5/6/75	9,875	3.3	108	0	9.5	7.8	375	12,798	0	1,126	924	44,438	
	6/9/75	8,000	3.3	90	0	9.5	7.8	450	8,640	0	912	749	43,200	
	7/17/75	1,269	3.0	240	0	1.9		528	3,655	0	29		8,040	
	8/18/75	1,178	3.2	300	0	2.4		506	4,241	0	339		7,153	
	9/17/75	2,847	3.2	192	0	6.4	11	490	6,559	0	2,187	376	16,740	
	10/13/75	2,350	3.8	40	0	3.0	11	650	1,128	0	846	310	18,330	
	11/10/75	5,587	3.5	100	0	9.7	4.6	230	6,704	0	650	308	15,420	
	12/8/75	3,069	3.4	144	0	16	13	250	5,303	0	589	479	9,207	
	1/19/76	FROZEN												
	2/25/76	7,593	2.9	174	0	11	7.0	410	15,854	0	1,002	638	37,358	
	3/24/76	5,916	3.8	150	0	10	10	500	10,649	0	710	710	35,496	
	4/27/76	6,662	3.7	124	0	10	10	413	9,913	0	799	799	33,017	
	AVG.	5,213	3.4	153	0	18	9.5	441	8,385	0	856	618		26,016
	RANGE	1,178 - 9,875	2.9 - 3.8	40 - 300	0	1.9 - 6.4	4.6 - 13	230 - 650	1,128 - 15,854	0	29 - 2,187	308 - 924		7,153 - 44,438

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
I2A	4/15/75	2,654	3.0	400	0	27	24	825	12,739	0	860	764	26,275
	5/6/75	3,426	3.1	140	0	17	2.2	375	5,756	0	699	90	15,417
	6/9/75	3,997	3.2	158	0	18	17	650	7,578	0	863	815	31,177
	7/17/75	1,332	3.0	260	0	27		638	4,156	0	432		10,198
	8/19/75	597	3.2	440	0	50		660	3,152	0	358		4,728
	9/17/75	1,305	3.2	232	0	49	19	710	3,633	0	767	298	11,119
	10/14/75	1,522	3.2	264	0	47	5.0	750	4,822	0	858	91	13,698
	11/11/75	1,409	3.4	252	0	32	2.3	1,100	4,261	0	541	389	18,599
	12/9/75	2,221	3.3	188	0	38	19	490	5,011	0	1,013	506	13,059
	1/20/76	4,798	3.5	204	0	29	26	713	11,746	0	1,670	1,497	41,052
	2/17/76	26,019	4.0	140	0	7.9	6.0	290	43,712	0	2,467	1,873	90,546
	3/24/76	2,404	3.5	186	0	25	19	625	5,361	0	721	548	18,030
	4/27/76	3,339	3.4	204	0	25	19	475	8,174	0	1,002	761	19,032
	AVG.	4,233	3.3	236	0	30	16	639	9,239	0	942	694	24,072
	RANGE	597 - 26,019	3.0 - 4.0	140 - 440	0	7.9 - 50	0 - 26	290 - 1,100	3,152 - 43,712	0	358 - 2,467	91 - 1,873	4,728 - 90,546
I2B	4/15/75	4,064	3.4	82	0	4.9	2.2	375	3,999	0	239	107	18,288
	5/6/75	5,567	3.8	40	0	2.3	0	300	2,672	0	154	0	20,041
	6/9/75	3,826	3.7	38	0	3.0	0	300	1,745	0	138	0	13,774
	7/17/75	1,439	3.2	130	0	7.8		330	2,245	0	135		5,698
	8/19/75	771	3.5	200	0	14		286	1,850	0	130		2,646
	9/17/75	1,886	3.8	92	0	12	5.7	24	2,082	0	272	129	543
	10/14/75	1,938	4.3	176	2	6.5	5.5	375	4,093	47	151	128	8,721
	11/11/75	1,975	3.7	80	0	6	3.5	270	1,896	0	142	83	6,399
	12/9/75	3,145	3.7	72	0	4.2	3.0	137	2,717	0	159	113	5,170
	1/20/76	4,319	3.6	104	0	4.4	4.1	225	5,390	0	228	212	11,661
	2/17/76	23,400	4.4	18	8	2.2	1.1	125	5,054	2,246	618	309	35,100
	3/24/76	5,676	3.8	82	0	3.2	2.3	175	5,585	0	218	157	11,920
	4/27/76	6,186	4.0	70	0	3.8	2.4	165	5,196	0	282	178	12,248
	AVG.	4,938	3.8	91	0.77	5.7	2.7	237	3,425	176	220	129	11,708
	RANGE	771 - 23,400	3.2 - 4.4	18 - 200	0 - 8	2.2 - 14	0 - 5.7	125 - 375	1,745 - 5,585	0 - 2,246	128 - 619	0 - 309	543 - 35,100
I2C	4/15/75	1,120	3.4	248	0	2.4	2.4	1,025	3,333	0	323	323	13,776
	5/6/75	2,427	3.0	300	0	2.9	1.1	700	8,737	0	845	32	20,387
	6/9/75	3,401	3.1	200	0	2.1	1.9	850	8,162	0	857	775	34,690
	7/17/75	685	3.1	290	0	2.8		726	2,384	0	230		5,968
	8/19/75	540	3.4	360	0	4.4		506	2,333	0	285		3,289
	9/17/75	581	3.3	220	0	3.4	3.0	790	1,534	0	237	209	5,508
	10/14/75	1,254	3.7	264	0	2.8	2.0	900	3,973	0	421	301	13,543
	11/11/75	526	3.4	192	0	3.5	2.8	500	1,212	0	221	177	3,156
	12/9/75	1,400	3.3	200	0	4.1	3.1	500	3,360	0	689	521	8,400
	1/20/76	1,726	3.3	262	0	4.0	3.6	700	5,427	0	828	746	14,498
	2/18/76	7,269	3.6	200	0	1.7	5	500	17,446	0	1,483	436	43,614
	3/24/76	1,794	3.4	214	0	2.6	1.9	750	4,607	0	560	409	16,146
	4/27/76	1,700	3.4	214	0	1.8	1.5	700	4,366	0	367	306	14,280
	AVG.	1,879	3.3	243	0	3.0	2.1	704	5,144	0	565	385	15,173
	RANGE	526 - 7,269	3.0 - 3.7	192 - 360	0	1.7 - 4.4	1.1 - 3.6	500 - 1,025	1,212 - 17,446	0	221 - 1,483	32 - 775	3,156 - 43,614
I2D	4/15/75	655	3.1	220	0	1.1	2.2	850	1,729	0	86	17	6,681
	5/6/75	829	3.3	162	0	7.3	5.0	650	1,612	0	73	50	6,466
	6/9/75	1,074	3.2	218	0	7.2	0	850	2,810	0	93	0	10,955
	7/17/75	344	3.1	370	0	1.5		748	1,527	0	62		3,088
	8/19/75	159	3.2	580	0	2.7		76	1,107	0	52		145
	9/17/75	225	3.2	288	0	3.5	1.3	520	778	0	95	35	1,404
	10/14/75	259	3.5	304	0	1.8	9.8	800	945	0	56	30	2,486
	11/11/75	315	3.4	216	0	1.7	7.5	650	816	0	64	28	2,457
	12/9/75	585	3.3	120	0	1.3	6.8	500	842	0	91	48	3,510
	1/20/76	916	3.3	284	0	9.8	6.3	588	3,122	0	110	69	6,463
	2/18/76	6,348	3.7	230	0	4.5	2.5	360	17,520	0	343	190	27,423
	3/24/76	852	3.4	230	0	1.0	1.0	750	2,352	0	102	102	7,668
	4/27/76	834	3.5	214	0	9.9	8.8	638	2,142	0	99	88	6,385
	AVG.	1,030	3.3	264	0	1.4	6.5	614	2,869	0	102	60	6,549
	RANGE	159 - 6,348	3.1 - 3.7	120 - 580	0	4.5 - 35.0	0 - 13	76 - 850	778 - 17,520	0	52 - 343	0 - 190	145 - 27,423

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12E	4/8/75	442	3.1	186	0	19	0	1,000	987	0	101	0	5,304
	5/6/75	442	3.5	52	0	3.8	0	825	276	0	20	0	4,376
	6/9/75	443	3.0	200	0	4.4	31	1,025	1,063	0	234	165	5,449
	7/17/75	134	3.5	178	0	43		814	286	0	69		1,309
	8/19/75	74	4.0	460	0	87		1,188	408	0	77		1,055
	9/17/75	124	3.6	112	0	8.0	3.0	620	167	0	12	4.5	923
	10/14/75	40	4.0	120	0	9.3	6.6	775	58	0	4.5	3.2	372
	11/11/75	68	3.7	64	0	3.7	2.4	825	52	0	3.0	2.0	673
	12/9/75	90	3.6	84	0	4.4	3.6	500	91	0	4.8	3.9	540
	1/20/76	695	3.5	200	0	65	59	850	1,668	0	542	492	7,089
	2/17/76	491	3.7	200	0	27	0	660	1,178	0	159	0	3,889
	3/24/76	78	3.7	120	0	5.1	2.5	1,050	112	0	4.8	2.3	983
	4/27/76	236	3.4	130	0	5.7	3.2	663	368	0	16	9.1	1,878
	AVG.	258	3.6	162	0	25	10	830	516	0	96	62	2,603
RANGE	40 - 695	3.0 - 4.0	52 - 460	0	3.7 - 65	0 - 59	500 - 1,188	52 - 1,668	0	3.0 - 540	0 - 492	372 - 7,089	
12F	4/8/75	146	3.7	78	0	0.4	0	550	137	0	0.7	0	964
	5/6/75	146	3.7	56	0	0.6	0	450	98	0	1.1	0	788
	6/9/75	285	3.6	62	0	1.0	0	425	212	0	3.4	0	1,454
	7/17/75	89	3.3	80	0	1.7		462	85	0	1.8		493
	8/19/75	122	3.4	170	0	11		484	249	0	16		709
	9/17/75	102	3.7	96	0	5.0	0.3	320	118	0	6.1	0.37	392
	10/14/75	102	4.3	96	2	1.5	0.2	290	118	2.5	1.8	0.24	355
	11/11/75	147	3.7	64	0	1.4	0.3	580	113	0	2.5	0.53	1,023
	12/9/75	170	3.7	72	0	3.3	0.1	310	147	0	6.7	0.20	632
	1/20/76	225	3.9	108	0	1.2	0.5	340	292	0	3.2	1.4	918
	2/17/76	1,395	4.3	48	10	0.3	0.3	195	804	167	5.0	5.0	3,264
	3/24/76	258	3.8	76	0	0.8	0.8	375	235	0	2.5	2.5	1,161
	4/27/76	449	3.8	100	0	0.8	0.3	438	539	0	4.3	1.6	2,360
	AVG.	280	3.8	85	0.92	2.2	0.25	401	242	13	4.20	1.1	1,116
RANGE	89 - 1,395	3.3 - 4.3	48 - 170	0 - 10	0.3 - 11	0 - 0.8	195 - 550	85 - 804	0 - 167	0.7 - 16	0 - 5.0	355 - 3,264	
13	4/8/75	13,280	3.5	38	0	4.5	1.1	375	6,056	0	717	175	59,760
	5/6/75	19,583	3.8	30	0	2.6	2.2	325	7,050	0	611	517	76,374
	6/9/75	16,833	3.7	30	0	3.3	0	300	6,060	0	667	0	60,599
	7/17/75	5,161	3.2	114	0	1.9		660	7,060	0	118		40,875
	8/18/75	3,100	3.3	164	0	6.5		572	6,101	0	242		21,278
	9/17/75	3,954	3.7	108	0	4.4	2	420	5,124	0	209	95	19,928
	10/13/75	6,564	4.2	60	2	6.0	2.9	650	4,726	158	473	228	51,199
	11/10/75	23,068	3.9	28	0	15	1.1	173	7,751	0	4,152	305	47,889
	12/8/75	9,258	3.8	44	0	5.6	5.1	230	4,888	0	622	567	25,552
	1/19/76	21,804	3.9	76	0	6.7	6.3	345	19,885	0	1,744	1,648	90,269
	2/25/76	25,614	3.4	84	0	3.5	2.8	285	25,819	0	1,076	861	87,600
	3/24/76	17,642	4.0	64	0	3.6	2.8	250	13,549	0	762	593	52,926
	4/27/76	19,950	3.8	74	0	4.1	3.3	245	17,716	0	982	790	58,653
	AVG.	14,293	3.7	70	0.15	5.2	2.7	372	10,137	12	952	525	53,300
RANGE	3,100 - 25,614	3.2 - 4.2	28 - 164	0 - 2	1.9 - 15	0 - 6.3	173 - 660	4,726 - 25,819	0 - 158	118 - 4,152	0 - 1,648	19,928 - 90,269	
13A	7/17/75	279	5.6	4	4	0.13		22	13	13	0.4		74
13B	4/15/75	1,101	3.0	500	0	12	3.4	1,075	6,606	0	159	45	14,203
	5/7/75	1,609	3.3	146	0	7.7	3.4	725	2,819	0	149	66	13,998
	6/9/75	1,000	3.4	148	0	5.0	1.1	750	1,776	0	60	13	9,000
	7/17/75	399	3.0	274	0	15		990	1,312	0	72		4,740
	8/20/75	212	3.1	520	0	16		1,276	1,323	0	41		3,246
	9/22/75	486	3.6	272	0	16	3.5	950	1,586	0	93	20	5,541
	10/14/75	382	3.9	240	0	15	4.2	400	1,100	0	69	19	1,834
	11/12/75	466	3.2	188	0	13	6.5	670	1,051	0	73	36	3,747
	12/10/75	667	3.4	132	0	9	4.5	510	1,051	0	72	36	4,082
	1/22/76	1,279	3.5	214	0	10	7.4	875	3,284	0	153	114	13,430
	2/18/76	4,903	4.0	72	0	2.6	1.2	300	4,236	0	153	71	17,651
	3/22/76	1,594	3.8	206	0	8.3	5	625	3,940	0	159	96	11,955
	4/21/76	661	3.3	242	0	16	5.3	988	1,920	0	127	42	7,837
	AVG.	1,135	3.4	243	0	11	4.1	780	2,462	0	106	51	8,559
RANGE	212 - 4,903	3.0 - 4.0	72 - 520	0	2.6 - 16	1.1 - 7.4	300 - 1,276	1,051 - 6,606	0	41 - 159	13 - 114	1,834 - 17,651	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
13C	4/15/75	3,420	3.9	30	0	0.5	0	900	1,231	0	21	0	36,936	
	5/7/75	2,717	4.2	30	0	0.6	0	550	978	0	20	0	17,932	
	6/10/75	2,437	4.1	24	0	0.6	0	425	702	0	18	0	12,429	
	7/17/75	1,448	3.7	68	0	0.6		924	1,182	0	10		16,055	
	8/20/75	2,875	3.9	120	0	0.4		1,034	4,140		14		35,773	
	9/22/75	3,426	4.2	36	20	1.8	0.44	500	1,480	822	74	18	20,556	
	10/15/75	3,620	4.6	80	4	1.0	0.35	400	3,475	174	43	15	17,376	
	11/12/75	2,256	4.0	32	0	0.7	0.45	1,500	866	0	19	12	40,608	
	12/10/75	2,501	4.3	40	4	1.1	0.8	530	1,200	120	33	24	15,906	
	1/22/76	1,621	4.2	90	8	1.1	0.8	390	1,751	156	21	16	7,586	
	2/18/76	21,542	4.9	20	18	1.2	0.4	250	5,170	4,653	310	103	64,626	
	3/22/76	3,696	5.0	70	16	1.1	0.5	390	3,105	710	49	22	17,297	
	4/21/76	2,052	4.0	38	0	0.5	0.2	680	936	0	12	4.9	16,744	
	AVG.	4,124	4.2	52	5.4	0.86	0.36	652	2,017	510	50	20	24,602	
RANGE	1,448 - 21,542	3.7 - 5.0	20 - 120	0 - 20	0.4 - 1.8	0 - 0.8	250 - 1,500	702 - 5,170	0 - 4,653	10 - 310	0 - 103	0 - 64,626		
13D	4/8/75	846	4.2	6	0	0	0	275	61	0	0	0	2,795	
	7/17/75	219	5.5	4	4	0.12		24	11	11	0.32		63	
	8/20/75	79	6.0	2	10	0.24		16	1.9	9.5	0.23		15	
	9/22/75	549	5.7	4	24	0.38	0	65	26	158	2.5	0	428	
	10/15/75	923	5.1	8	20	0.3	0	60	89	222	3.3	0	665	
	11/12/75	663	4.5	12	6	0.1	0	38	95	48	0.8	0	302	
	12/10/75	721	5.5	4	8	0.1	0	28	35	69	0.87	0	242	
	1/22/76	384	7.5	6	10	0.1	0	95	28	46	0.46	0	438	
	2/18/76	10,754	5.4	10	8	0.3	0	90	1,290	1,032	39	0	11,629	
	3/22/76	2,346	6.3	4	10	0.1	0	75	113	282	2.8	0	2,111	
	4/21/76	323	4.7	6	10	0.3	0.05	88	23	39	1.2	0.19	341	
	AVG.	1,619	5.5	6	10	0.19	0.01	78	161	174	4.7	0.02	1,730	
	RANGE	79 - 10,754	4.2 - 7.5	2 - 12	0 - 24	0 - 0.38	0 - 0.05	16 - 275	1.9 - 1,290	0 - 1,032	0 - 39	0 - 0.19	0 - 11,629	
	13E	4/15/75	431	3.5	20	0	2.1	1.1	300	103	0	11	5.7	1,552
5/7/75		881	4.1	18	0	1.5	0	300	190	0	16	0	3,172	
6/10/75		604	4.0	2	0	2.3	0	250	15	0	17	0	1,812	
7/17/75		184	3.9	28	0	5.9		136	62	0	13		300	
8/20/75		176	3.9	38	0	0		286	80	0	0		604	
9/22/75		408	4.2	24	16	9.0	3.9	125	118	78	44	19	612	
10/15/75		338	3.8	32	0	4.5	3.3	300	130	0	18	13	1,217	
11/12/75		394	3.9	24	0	4.6	3.0	115	113	0	22	14	544	
12/10/75		611	4.3	32	2	4.3	2.7	70	235	15	32	20	513	
1/27/76		1,727	4.6	14	6	1.5	1.2	93	291	124	31	25	1,927	
2/18/76		3,921	4.2	24	6	2	1	125	1,129	282	94	47	5,582	
3/22/76		612	4.2	26	2	1.8	1.4	100	191	15	13	10	734	
4/21/76		232	4.0	34	0	2.8	2.3	128	95	0	7.8	6.4	356	
AVG.		809	4.1	24	2.5	3.3	1.8	179	212	40	25	15	1,479	
RANGE	176 - 3,921	3.5 - 4.6	2 - 38	0 - 16	0 - 9.0	0 - 3.9	70 - 300	15 - 1,129	0 - 282	0 - 94	0 - 47	0 - 5,582		
13F	4/15/75	371	4.9	4	2	0	0	275	18	9	0	0	1,226	
	7/21/75	200	5.4	4	8	0.35		34	9.6	19	0.8		82	
	AVG.	286	5.2	4	5	0.8	0	155	14	14	0.4	0	654	
	RANGE	200 - 371	4.9 - 5.4	4	2 - 8	0 - 0.35	0	34 - 275	9.6 - 18	9 - 19	0 - 0.8	0	82 - 1,226	
13G	4/15/75	137	3.2	126	0	11	4.5	500	207	0	18	7.4	822	
	5/7/75	76	3.8	32	0	3.2	1.1	250	29	0	2.9	1.0	228	
	6/10/75	34	3.8	30	0	3.3	0	300	12	0	1.4	0	122	
	7/22/75	5.1	3.0	250	0	11		836	15	0	0.67		51	
	8/20/75	4.9	3.6	160	0	14		484	9.4	0	0.82		28	
	9/22/75	34	5.1	24	40	7.5	1.4	75	9.8	16	3.1	0.57	31	
	10/15/75	22	4.2	32	4	3.6	1.3	140	8.5	1.1	0.95	0.34	37	
	11/12/75	94	4.0	32	0	6.5	2.6	115	36	0	7.3	2.9	130	
	12/10/75	12	5.2	32	8	3.5	2.5	50	4.6	1.2	0.5	0.36	7.2	
	1/21/76	FROZEN												
	2/24/76	94	3.5	54	0	3.6	2.3	180	61	0	4.1	2.6	203	
	3/24/76	108	4.1	50	2	6.0	3.7	180	65	2.6	7.8	4.3	233	
	4/26/76	88	4.7	40	4	2.3	1.8	108	42	4.2	24	1.9	114	
	AVG.	59	4.0	72	4.8	6.3	2.1	268	42	2.1	4.2	2.1	167	
RANGE	4.9 - 137	3.0 - 5.2	24 - 250	0 - 40	2.3 - 14	0 - 4.5	50 - 836	4.6 - 207	0 - 16	0.5 - 18	0 - 7.4	0 - 822		

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
13H	4/15/75	35	3.0	400	0	5.3	1.12	850	168	0	2.23	0.47	357	
	5/7/75	6	3.4	94	0	4.0	0	5	7	0	0.3	0	36	
	6/10/75	3.8	3.2	70	0	5.6	0	650	3	0	0.3	0	30	
	7/22/75	2.2	3.0	170	10	11.0		704	4	0	0.3		18	
	8/20/75	1,062	4.7	62	6	0.6		572	791	76	7.6		7,304	
	9/22/75	2.3	5.0	40	20	3.33	0.5	315	1	1	0.1	0.1	9	
	10/15/75	911	4.0	68	0	0.7	0.4	263	744	0	7.7	4.4	2,879	
	11/12/75	401	4.5	44	8	0.8	0.55	250	205	37	3.7	2.6	1,163	
	12/10/75	8.0	4.8	20	6	0.95	0.6	157	162	49	7.7	4.9	1,272	
	1/21/76	FROZEN	4.4	52	2	0.9	0.8	275						
	2/24/76	4,527	3.6	86	0	0.6	0.6	300	4,678	0	32	32	16,321	
	3/24/76	2,257	4.6	44	12	0.6	0.5	275	814	325	16.3	13.6	7,457	
	4/26/76	8,98	4.8	30	6	1.0	0.8	165	1,170	234	39	31	6,439	
	AVG.	769	4.08	90.8	4.62	2.72	0.45	368	728	60.2	9.77	7.42	3,607	
	RANGE	2.2 - 4,527	3.0 - 5.0	20 - 400	0 - 20	0.6 - 11.0	0 - 1.12	5 - 850	1 - 4,678	0 - 325	0.1 - 39	0 - 13.6	0 - 16,321	
	13I	4/15/75	380	5.7	4	6	0.1	0	325	18	27	0.5	0	1,484
7/22/75		227	6.2	2	14	1.4		38	5	38	3.9		104	
SAMPLE		DISCONTINUED												
AVG.		304	6.0	3.0	10	0.75	0	182	11.5	32.5	2.2	0	794	
RANGE		227 - 380	5.7 - 6.2	2 - 4	6 - 14	0.1 - 1.4	0	38 - 325	5 - 18	27 - 38	0.5 - 3.9	0	104 - 1,484	
13J	4/15/75	889	4.7	10	4	0.7	0	375	107	43	7.5	0	4,001	
	5/7/75	1,395	5.2	16	2	0.6	0	300	268	33	10	0	5,022	
	6/10/75	1,011	5.4	8	4	0.5	0	350	97	49	6.1	0	4,248	
	7/17/75	380	4.5	20	4	0.24		418	91	18	1.1		1,906	
	8/20/75	723	4.7	46	6	0		440	399	52	0		3,817	
	9/22/75	487	5.6	32	32	3.0	0.13	255	187	187	18	0.76	1,490	
	10/15/75	393	5.3	24	18	0.8	0.15	185	113	85	3.8	0.71	872	
	11/12/75	804	5.3	8	8	0.4	0.2	198	77	77	3.9	1.9	1,910	
	12/10/75	793	5.0	12	2	0.5	0.2	100	114	19	4.8	1.9	952	
	1/21/76	465	4.3	44	8	0.7	0.6	197	246	45	3.9	3.4	1,099	
	2/24/76	1,359	6.2	22	4	1.1	0.8	150	359	65	18	13	2,446	
	3/23/76	910	5.3	14	22	0.3	0.2	250	153	240	3.3	2.2	2,730	
	4/26/76	2,240	5.5	14	14	0.8	0.43	320	376	376	22	12	8,602	
	AVG.	911	5.2	21	9.9	0.74	0.25	272	199	99	7.9	3.3	3,007	
	RANGE	380 - 2,240	4.3 - 6.2	8 - 46	2 - 32	0 - 1.1	0 - 0.8	100 - 440	77 - 399	18 - 376	0 - 22	0 - 13	872 - 8,602	
	13K	4/15/75	1,499	3.9	58	0	0.9	0	575	1,043	0	16	0	10,343
5/7/75		500	4.3	30	0	0.3	0	375	180	0	1.8	0	2,250	
6/10/75		890	4.2	34	0	0.4	0	375	363	0	4.3	0	4,005	
7/17/75		200	3.7	58	0	0.72		550	139	0	1.7		1,320	
8/20/75		142	3.9	90	0	0		594	153	0	0		1,012	
9/22/75		317	4.2	40	20	2.0	0.25	350	152	76	7.6	0.95	1,331	
10/15/75		280	3.7	84	0	0.9	0.45	333	282	0	3.0	1.5	1,119	
11/12/75		1,094	3.9	40	0	2.9	0.85	270	525	0	38	11	3,545	
12/10/75		980	4.2	60	2	1.7	0.3	380	706	24	20	3.5	4,469	
1/21/76		1,108	4.0	96	0	1.0	0.8	400	1,276	0	13	1	5,318	
2/24/76		960	3.4	110	0	0.9	0.3	350	1,267	0	10	3.5	4,032	
3/23/76		615	4.0	58	0	0.8	0.7	375	428	0	5.9	5.2	2,768	
4/26/76		1,135	4.2	70	6	1.2	0.8	348	953	82	16	11	4,740	
AVG.		748	4.0	64	2.2	1.1	0.40	406	574	14	11	4.3	3,558	
RANGE		142 - 1,499	3.4 - 4.3	30 - 110	0 - 20	0 - 2.9	0 - 0.85	270 - 594	139 - 1,276	0 - 76	0 - 38	0 - 11	1,012 - 10,343	
14		4/3/75	1,445	5.5	4	4	0.8	0	300	69	69	13.9	0	5,209
SAMPLE	DISCONTINUED													
15	4/2/75	3,913	5.4	2	4	0	0	250	94	188	0	0	11,739	
	7/17/75	417	6.1	0	10	0.6		24	0	50	3		120	
	SAMPLE	DISCONTINUED												
	AVG.	2,165	5.8	1.0	7.0	0.3	0	137	47	119	1.5	0	5,930	
RANGE	417 - 3,913	5.4 - 6.1	0 - 2	4 - 10	0 - 0.6	0	24 - 250	0 - 94	50 - 188	0 - 3	0	120 - 11,739		
15A	4/14/75	1,221	5.6	6	16	1.8	0	275	88	234	26	0	4,009	
	7/21/75	351	5.9	2	12	0.88		28	8.4	51	3.7		118	
	SAMPLE	DISCONTINUED												
	AVG.	786	5.8	4.0	14.0	1.3	0	152	48	143	15	0	2,074	
RANGE	351 - 1,221	5.6 - 5.9	2 - 6	12 - 16	0.88 - 1.8	0	28 - 275	8.4 - 88	51 - 234	3.7 - 26	0	118 - 4,029		

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
15B	4/14/75	3,186	5.5	2	6	0	0	300	77	29	0	0	11,470	
	7/21/75	742	6.0	2	8	0.81		24	18	71	7.2		214	
		SAMPLE DISCONTINUED												
	AVG.	1,964	5.8	2	7	0.41	0	162	48	150	36	0	5,842	
15B	RANGE	742 - 3,186	5.5 - 6.0	2	6 - 8	0 - 0.81	0	24 - 300	18 - 77	71 - 230	0 - 7.2	0	214 - 11,470	
	4/2/75	4,248	4.5	8	0	0	0	300	408	0	0	0	15,293	
16	7/21/75	829	5.5	8	8	0.41		20	80	80	4.1		199	
	8/18/75	571	6.3	2	8	0.66		26	14	55	4.5		178	
	9/17/75	881	7.7	2	12	1.1	0.13	24	21	127	12	1.4	254	
	10/13/75	1,490	4.7	4	12	0.2	0	28	72	215	3.6	0	501	
	11/11/75	3,076	5.4	8	10	0.1	0.05	33	295	369	3.7		1,220	
	12/9/75	2,924	5.3	4	6	0.1	0	14	140	211	3.5	0	491	
	1/19/76	1,106	5.4	10	8	0.2	0	100	133	106	2.7	0	1,327	
	2/19/76	1,659	4.4	38	4	0.1	0	50	757	80	2.0	0	995	
	3/23/76	8,404	6.3	4	8	0.1	0	100	403	807	10	0	10,085	
	4/26/76	6,801	5.6	2	12	0.1	0	88	163	979	8.2	0	7,182	
	AVG.	2,908	5.6	8.2	8.0	0.28	0.02	71	226	275	4.9	0.37		3,372
	RANGE	571 - 8,404	4.4 - 7.7	2 - 38	0 - 12	0 - 1.1	0 - 0.13	0 - 14	14 - 300	14 - 757	0 - 980	0 - 12.0	0 - 1.9	178 - 15,293
	16A	4/14/75	496	4.4	4	0	0	0	300	24	0	0	0	1,786
		7/21/75	113	5.0	4	8	0.57		20	5.4	11	0.77		27
		SAMPLE DISCONTINUED												
AVG.		305	4.7	4	4	0.29	0	160	15	5.5	0.39	0	907	
16A	RANGE	113 - 496	4.4 - 5.0	4	0 - 8	0 - 0.57	0	20 - 300	5.4 - 24	0 - 11	0 - 0.77	0	27 - 1,786	
	4/14/75	625	4.6	6	4	0	0	300	45	30	0	0	2,252	
16B	7/21/75	220	5.1	4	6	0.58		20	11	16	1.5		53	
		SAMPLE DISCONTINUED												
	AVG.	423	4.9	5	5	0.29	0	160	28	23	0.75	0	1,152	
	RANGE	220 - 625	4.6 - 5.1	4 - 6	4 - 6	0 - 0.58	0	20 - 300	11 - 45	16 - 30	0 - 1.5	0	53 - 2,250	
17	4/2/75	50	4.7	4	2	0	0	275	2.4	1.2	0	0	165	
	5/6/75		5.4	4	8	0	0	275						
	6/9/75		5.0	8	4	0	0	200						
	7/21/75	7.8	5.0	16	6	0.52		80	1.5	0.56	0.05	0	7.5	
	8/18/75	DRY							0	0	0	0	0	
	9/17/75	DRY							0	0	0	0	0	
	10/13/75	81	5.1	8	12	0.2	0	33	7.8	12	0.19	0	32	
	11/11/75	44	5.0	12	10	0.1	0.05	40	6.3	5.3	0.05	0.03	21	
	12/9/75	0.28	4.9	32	4	0.3	0	28	0.11	0.01	0.1	0	0.09	
	1/19/76	FROZEN												
	2/18/76	FROZEN												
	3/23/76	92	5.8	6	6	0.03	0	110	66	6.6	0.03	0	121	
	4/26/76	108	5.1	4	8	0.1	0	140	5.2	10	0.11	0	181	
	AVG.	43	5.1	10	6.7	0.14	0.01	131	3.3	4.0	0.06	0	59	
RANGE	0.28 - 108	4.7 - 5.8	4 - 32	2 - 12	0 - 0.52	0 - 0.05	28 - 275	0 - 7.8	0 - 12	0 - 0.19	0 - 0.03	0 - 0	0 - 181	
18	4/2/75	220	3.8	24	0	0.1	0	300	63	0	0.26	0	792	
	5/6/75		4.2	18	0	0.2	0	275						
	6/9/75	150	4.1	12	0	0.2	0	300	22	0	0.36	0	540	
	7/21/75	391	3.8	38	0	0.39		90	178	0	1.8		422	
	8/18/75	38	4.1	38	2	0.72		86	17	0.91	0.33		39	
	9/17/75	88	4.1	32	1	0.75	0.25	130	34	1.1	0.79	0.26	137	
	10/13/75	409	4.1	20	4	0.6	0.2	58	98	20	2.9	0.98	285	
	11/11/75	203	4.3	28	4	0.5	0.15	78	68	9.7	1.2	0.37	190	
	12/9/75	1.6	4.3	8	2	0.7	0.1	42	0.15	0.04	0.01	0	0.81	
	1/19/76	FROZEN												
	2/18/76	182	4.8	14	46	0.05	0	90	31	100	0.11	0	197	
	3/23/76	525	4.0	22	0	0.4	0.1	100	139	0	2.5	0.63	630	
	4/26/76	627	4.4	22	2	0.4	0.2	148	166	15	3.0	1.5	1,114	
	AVG.	258	4.2	23	5.1	0.42	0.28	141	74	13	1.2	0.42	395	
RANGE	1.6 - 627	3.8 - 4.8	8 - 38	0 - 46	0.05 - 0.75	0 - 0.28	42 - 300	1 - 178	0 - 100	0.01 - 3.0	0 - 1.5	0 - 1,114		
19	4/2/75	1,807	5.0	4	2	0	0	250	87	43	0	0	5,421	
	7/21/75	592	5.5	6	24	0.09		22	43	171	0.64		156	
		SAMPLE DISCONTINUED												
	AVG.	1,200	5.3	5	13	0.05	0	136	65	107	0.32	0	2,789	
19	RANGE	592 - 1,807	5.0 - 5.5	4 - 6	2 - 24	0 - 0.09	0	22 - 250	43 - 87	43 - 171	0 - 0.64	0	156 - 5,421	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
20	4/3/75	11,780	5.0	4	6	0.4	0	275	565	848	57	0	38,874	
	7/22/75	467	6.1	2	6	0.09		22	11	34	0.50		123	
		SAMPLE	DISCONTINUED											
	AVG.	6,124	5.6	3	6	0.25	0	149	288	441	2.9	0	19,499	
	RANGE	467 - 11,780	5.0 - 6.1	2 - 4	6	0.09 - 0.4	0	22 - 275	11 - 565	34 - 848	0.50 - 57	0	123 - 38,874	
21	4/2/75	615	4.2	8	0	0	0	300	59	0	0	0	2,214	
	5/6/75	679	5.0	8	6	0	0	225	65	49	0	0	1,833	
	6/10/75	320	4.8	8	4	0.1	0	275	31	15	0.38	0	1,056	
	7/22/75	92	4.5	8	2	0.48		34	8.8	2.2	0.53		38	
	9/19/75	112	4.7	10	6	0.85		28	13	8.1	1.1		38	
	9/17/75	513	4.9	20	6	0.44	0.13	100	123	37	2.7	0.8	616	
	10/14/75	1,972	5.0	4	8	0.2	0	35	95	189	4.7	0	828	
	11/11/75	444	4.9	8	12	0.1	0.05	40	43	64	0.53	0.27		213
	12/9/75	343	4.7	8	2	0.06	0	20	33	8.2	0.25	0		82
	1/21/76	200	4.6	16	14	0.3	0	85	38	34	0.72	0		204
	2/19/76	2,340	4.3	26	8	0.1	0	750	730	225	2.8	0		21,060
	3/24/76	3.4	6.9	4	14	0.01	0	95	0.16	0.57	0	0		3.9
	4/26/76	660	4.8	2	8	0.2	0.1	115	16	63	1.6	0.79		91
	AVG.	638	4.9	10	6.9	0.22	0.03	162	97	53	1.2	0.17		2,238
	RANGE	3.4 - 2,340	4.2 - 6.9	2 - 26	0 - 14	0 - 0.85	0 - 0.13	20 - 750	0.16 - 730	0 - 225	0 - 4.7	0 - 0.80		3.9 - 21,060
22	4/3/75	272	6.3	6	10	0.5	0	300	20	33	1.6	0	979	
	7/22/75	32	6.9	0	82	1.3		22	0	31	0.5		8.5	
		SAMPLE	DISCONTINUED											
	AVG.	152	6.6	3	46	0.90	0	161	10	32	1.1	0		494
	RANGE	32 - 272	6.3 - 6.9	0 - 6	10 - 82	0.5 - 1.3	0	22 - 300	0 - 20	31 - 33	0.5 - 1.6	0		8.5 - 979
23	4/8/75	2,922	6.0	4	6	0	0	300	140	211	0	0	10,519	
	7/22/75	1,715	6.6	0	20	1.6		28	0	412	33		576	
		SAMPLE	DISCONTINUED											
	AVG.	2,319	6.3	2.0	13	0.80	0	164	70	311	17	0		5,548
RANGE	1,715 - 2,922	6.0 - 6.6	0 - 4	6 - 20	0 - 1.6	0	28 - 300	0 - 140	211 - 412	0 - 33	0	0	576 - 10,519	
24	4/3/75	11,430	5.2	6	6	0.8	0	275	823	823	110	0	37,719	
	7/22/75	701	5.2	6	6	0.12		108	51	51	1.0		908	
		SAMPLE	DISCONTINUED											
	AVG.	6,066	5.2	6	6	0.46	0	192	437	437	56	0		19,314
RANGE	701 - 11,430	5.2	6	6	0.12 - 0.8	0	108 - 275	51 - 823	51 - 823	1.0 - 110	0		908 - 37,719	
24A	4/3/75	3,379	6.0	4	8	0.5	0	275	162	324	20	0	11,151	
	7/22/75	76	6.7	0	22	0.32		30	0	20	0.3		27	
		SAMPLE	DISCONTINUED											
	AVG.	1,728	6.4	2	15	0.41	0	153	81	172	10	0		5,589
RANGE	76 - 3,379	6.0 - 6.7	0 - 4	8 - 22	0.32 - 0.5	0	30 - 275	0 - 162	20 - 324	0.3 - 2.0	0		27 - 11,151	
24B	4/3/75	6,579	4.3	6	0	0.1	0	275	474	0	7.9	0	21,711	
	5/6/75	1,516	4.9	10	6	0	0	275	182	109	0	0	5,003	
	6/10/75	2,384	5.0	8	4	0.1	0	275	229	114	2.9	0	7,867	
	7/22/75	657	4.7	16	4	1.4		164	126	32	11		1,293	
	8/19/75	371	4.9	26	6	2.8		330	116	27	12		1,469	
	9/17/75	764	5.2	20	10	0.94	0.06	160	183	92	8.6	0.55		1,469
	10/14/75	507	5.4	8	20	0.2	0.1	70	49	122	1.2	0.61		426
	11/11/75	1,507	5.2	12	8	0.1	0.07	55	217	145	1.8	1.3		995
	12/9/75	900	4.9	20	6	0.1	0	69	216	65	1.1	0		745
	1/21/76	825	4.2	46	4	0.2	0	150	455	40	2.0	0		1,485
	2/24/76	1,319	3.8	64	0	0.2	0	140	1,013	0	3.2	0		2,216
	3/23/76	1,965	4.5	14	4	0.1	0	110	330	94	2.4	0		2,594
	4/26/76	1,427	4.9	14	8	0.4	0.1	95	240	137	6.9	1.7		1,627
	AVG.	1,594	4.8	20	6.2	0.51	0.3	167	295	75	4.7	0.38		3,762
	RANGE	371 - 6,579	3.8 - 5.4	6.0 - 64	0 - 20	0 - 2.8	0 - 0.1	55 - 330	49 - 1,013	0 - 145	0 - 12.5	0 - 1.71		426 - 21,711
25	4/8/75	754	6.0	6	6	0.2	0	275	54	54	1.8	0	2,488	
	7/22/75		6.0	2	14	0.79		32						
		SAMPLE	DISCONTINUED											
	AVG.	754	6.0	4	10	0.5	0	154	54	54	1.8	0		2,488
RANGE	754	6.0	2 - 6	6 - 14	0.2 - 0.79	0	32 - 275	54	54	1.8	0		2,488	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)	
26	4/8/75	973	5.2	2	4	0	0	275	23	47	0	0	3,211	
	7/22/75	528	5.7	2	6	0.36		26	13	38	2.3		165	
		SAMPLE DISCONTINUED												
	AVG.	751	5.5	2	5	0.18	0	151	18	43	1.2	0	1,688	
RANGE	528 -	5.2 -	2	4 -	0 -	0 -	0	26 -	13 -	38 -	0 -	0	165 -	
	973	5.7	2	6	0.36			275	23	47	2.3		3,211	
27	4/9/75	195	4.0	6	0	0	0	225	14	0	0	0	527	
	7/22/75	6.7	5.3	8	4	0.39		30	6.4	0.32	0.03		2.4	
	8/19/75	DRY							0	0	0	0	0	
	9/17/75	54	5.2	16	8	1.8	0.06	100	10	5.2	1.2	0.04	65	
	10/14/75	289	5.3	8	16	0.2	0	35	28	55	0.69	0	121	
	11/11/75	364	5.3	8	12	0.03	0	30	35	52	0.13	0	131	
	12/9/75	658	5.3	4	4	0.1	0	27	32	32	0.79	0	213	
	1/20/76	FROZEN												
	2/25/76	382	6.8	10	14	0.03	0	100	46	64	0.14	0	458	
	3/23/76	173	6.2	6	22	0.06	0	250	12	46	0.12	0	519	
	4/26/76	402	5.4	10	10	0.1	0	58	48	48	0.48	0	280	
	AVG.	252	5.4	8.4	10	0.30	0.01	95	23	30	0.36	0	232	
	RANGE	0 -	4.0 -	4 -	0 -	0 -	0 -	0 -	30 -	0 -	0 -	0 -	0 -	0 -
		658	6.8	16	22	1.8	0.06	250	48	64	1.2	0.04	527	
28	4/9/75	3,185	5.5	4	4	0.1	0	275	153	153	3.8	0	10,511	
	7/22/75	1,613	5.9	2	6	1.9		34	39	116	37		658	
		SAMPLE DISCONTINUED												
	AVG.	2,399	5.7	3	5	1.0	0	155	96	135	21	0	5,585	
RANGE	1,613 -	5.5 -	2 -	4 -	0.1 -	0	34 -	39 -	116 -	3.8 -	0	658 -		
	3,185	5.9	4	6	1.9		275	153	153	38	0	10,511		
29	7/14/75	1,528	3.3	140	0	6.4		646	2,567	0	1,174		11,845	
	8/19/75	1,127	3.8	420	0	62		968	5,680	0	838		13,091	
	9/17/75	1,263	3.3	216	0	54	41	710	3,274	0	818	621	10,761	
	10/14/75	2,011	4.0	200	0	70	46	900	4,826	0	1,689	1,110	21,719	
	11/11/75	824	3.5	136	0	29	23	870	1,345	0	287	227	8,603	
	12/9/75	888	3.5	136	0	40	31	650	1,449	0	426	330	6,926	
	1/20/76	FROZEN	3.4	184	0	40	40	775						
	2/17/76	9,791	4.0	118	0	10	6.2	310	13,864	0	1,175	729	36,423	
	3/24/76	325	3.5	146	0	18	15.0	750	569	0	70	59	2,925	
	4/27/76	2,397	3.7	104	0	4	2.8	393	2,991	0	115	81	11,304	
	AVG.	2,015	3.6	180	0	39	21	697	3,657	0	659	316	12,360	
	RANGE	325 -	3.3 -	104 -	0	4 -	2.8 -	310 -	569 -	0	70 -	59 -	2,925 -	
		9,791	4.0	420	0	70	46	968	13,864	0	1,689	1,110	36,423	
	30	7/14/75	25	3.6	186	0	2.4		374	56	0	0.72		112
8/19/75		2.2	3.5	300	0	3.8		1,958	79	0	0.10		52	
9/18/75		3.8	3.6	224	0	16	0.44	1,460	10	0	0.73	0.02	67	
10/14/75		8.9	4.0	208	0	1.6	0.5	1,150	22	0	0.17	0.05	123	
11/11/75		17	3.6	136	0	1.5	0.4	1,580	28	0	0.31	0.08	322	
12/9/75		22	3.6	156	0	1.2	0	1,645	41	0	0.32	0	434	
1/20/76		FROZEN												
2/19/76		101	3.5	370	0	0.4	0	500	449	0	0.49	0	607	
3/29/76		42	4.0	290	0	0.7	0.2	395	146	0	0.35	0.10	199	
4/22/76		70	3.6	182	0	1.1	0.25	863	153	0	0.92	0.21	725	
AVG.	32	3.7	228	0	3.2	0.20	1,103	91	0	0.41	0.05	264		
RANGE	2.2 -	3.5 -	136 -	0	0.4 -	0 -	374 -	7.9 -	0	0.1 -	0 -	52 -		
	101	4.0	370	0	16	0.5	1,958	449	0	0.92	0.21	725		
31	7/14/75	65	3.4	162	0	1.6		374	126	0	1.2		292	
	8/19/75	12	3.4	250	0	3.0		396	36	0	0.43		57	
	9/18/75	22	3.5	116	0	13	0.31	220	31	0	3.4	0.08	58	
	10/14/75	22	3.9	128	0	1.9	0.5	270	34	0	0.50	0.1	71	
	11/11/75	70	3.5	136	0	2.2	0.8	370	114	0	1.8	0.67	311	
	12/9/75	123	3.5	120	0	1.8	0.2	185	177	0	2.7	0.3	273	
	1/20/76	165	3.6	172	0	1.3	0.6	413	341	0	2.6	1.2	819	
	2/19/76	1,094	3.7	236	0	2.8	1.0	600	371	0	4.4	1.5	945	
	3/29/76	236	3.9	130	0	1.8	0.75	275	368	0	5.1	2.1	779	
	4/22/76	664	3.7	80	0	1.6	0.93	238	118	0	2.3	1.4	352	
	AVG.	247	3.6	153	0	3.1	0.5	334	171	0	2.4	0.74	396	
	RANGE	12 -	3.4 -	80 -	0	1.3 -	0.2 -	185 -	31 -	0	0.43 -	0.08 -	57 -	
	1,094	3.9	250	0	13	1.0	600	371	0	5.1	2.1	945		

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs./day)	Alkalinity (lbs./day)	Total Iron (lbs./day)	Ferrous Iron (lbs./day)	Sulfates (lbs./day)
32	7/14/75	80	3.4	222	0	2.5		1,320	213	0	2.4		1,267
	8/19/75	110	3.3	330	0	3.6		682	436	0	4.8		900
	9/18/75	212	3.5	220	0	3.4	0.31	550	560	0	86	0.79	1,399
	10/14/75	154	3.7	256	0	4.6	1.3	575	473	0	8.5	2.4	1,063
	11/11/75	139	3.5	176	0	3.3	1.4	850	294	0	5.5	2.3	1,418
	12/9/75	149	3.4	184	0	2.9	1.0	310	329	0	5.2	1.8	554
	1/20/76	181	3.4	312	0	2.8	1.0	750	678	0	6.1	2.2	1,629
	2/19/76	1,282	3.7	320	0	6.5	3.0	850	4,923	0	100	46	13,076
	3/29/76	294	3.9	364	0	1.8	1.3	600	1,284	0	6.4	4.6	2,117
	4/22/76	193	3.5	76	0	1.7	1.2	800	176	0	4.0	2.8	1,853
	AVG.	279	3.5	246	0	6.4	1.1	729	937	0	23	6.3	2,526
RANGE	80 - 1,282	3.3 - 3.9	76 - 364	0	1.7 - 3.4	0.31 - 3.0	310 - 800	176 - 4,923	0	1.3 - 100	0.79 - 46	554 - 13,076	
33	7/14/75	13,255	3.3	124	0	10		572	19,723	0	1,591		90,982
	8/18/75	8,434	3.6	72	0	3.2		330	7,287	0	324		33,399
	9/17/75	11,775	4.0	32	0	3	0.8	200	4,522	0	424	113	28,260
	10/13/75	15,051	4.6	32	8	2.5	0.95	140	5,780	1,445	452	172	25,286
	11/10/75	60,394	4.5	12	8	1.3	0.9	78	8,697	5,798	9,421	652	56,529
	12/8/75	45,891	4.6	24	12	2.4	1.7	87	13,317	6,608	1,322	936	47,910
	1/19/76	10,950	4.7	36	6	2.5	2.3	160	4,730	788	329	302	21,024
	2/25/76	104,552	2.9	230	0	9.7	6.8	550	288,564	0	12,170	8,531	690,043
	3/24/76	66,524	4.5	16	6	1.3	0.6	160	12,773	4,790	1,038	479	127,726
	4/27/76	62,826	5.2	14	6	1.5	1.1	100	10,555	4,523	1,131	829	75,391
	AVG.	39,965	4.2	59	4.6	4.9	1.5	238	37,595	2,395	2,820	1,200	119,655
RANGE	8,434 - 104,522	2.9 - 5.2	12 - 230	0 - 12	1.3 - 9.7	0.6 - 6.8	78 - 572	4,522 - 288,564	0 - 6,608	329 - 12,170	113 - 8,531	21,024 - 690,043	
34	7/14/75	13,544	3.7	48	0	4.1		386	7,801	0	666		490
	8/18/75	7,369	6.2	8	10	1.9		82	707	884	168		7,251
	9/17/75	11,515	4.5	28	4	2.4	0.63	140	3,869	553	332	87	19,345
	10/13/75	24,578	5.8	0	28	0.7	0.1	35	0	8,258	206	29	10,323
	11/10/75	65,530	3.9	36	0	15	1.0	188	28,309	0	11,795	786	147,836
	12/8/75	4,602	5.7	4	8	0.6	0.3	32	221	442	33	17	1,767
	1/19/76	47,184	7.4	10	10	0.8	0.8	110	5,662	5,662	453	453	62,283
	2/25/76	96,959	6.2	12	10	0.3	0.2	125	13,962	11,635	349	233	145,439
	3/24/76	54,751	6.8	4	14	0.4	0.3	125	2,628	9,198	263	197	82,127
	4/27/76	57,112	5.9	10	10	0.5	0.15	70	6,853	6,862	343	103	47,974
	AVG.	38,314	5.6	16	9.4	2.7	0.44	129	7,001	4,349	1,461	238	52,484
RANGE	4,602 - 96,959	3.7 - 7.4	0 - 48	0 - 28	0.3 - 15	0.1 - 1.0	32 - 386	0 - 28,309	0 - 11,635	33 - 11,795	17 - 786	490 - 147,836	
35	7/14/75	7,391	6.4	2	10	0.54		30	177	887	48		2,661
	8/18/75	4,580	6.7	0	308	1.0		62	0	16,928	55		3,408
	9/17/75	8,504	6.3	4	20	0.5	0.13	65	408	2,041	51	13	6,633
	10/13/75	10,097	4.6	8	64	0.5	0	33	969	7,755	61	0	3,998
	11/10/75	30,231	6.3	8	18	6.5	1.2	53	2,902	6,530	2,358	435	19,227
	12/8/75	18,926	5.9	0	8	0.4	0.2	27	0	1,817	91	45	6,132
	1/25/76	28,106	7.5	4	10	0.3	0.3	100	1,349	3,373	101	101	33,727
	2/25/76	52,684	6.9	12	4	0.3	0.2	90	7,587	2,529	190	126	56,899
	3/24/76	31,455	7.2	4	8	0.2	0.1	98	1,510	3,020	75	38	36,991
	4/27/76	32,019	6.3	10	16	0.3	0.15	120	3,842	6,148	115	58	46,107
	AVG.	22,399	6.4	5.2	47	1.1	0.29	68	1,874	5,103	315	102	21,578
RANGE	4,580 - 52,684	4.6 - 7.5	0 - 12	4 - 308	0.2 - 6.5	0 - 1.2	27 - 120	0 - 7,574	887 - 16,928	48 - 2,3	0 - 435	0 - 56,899	
36	7/14/75	2.2	4.3	186	6	0.56		418	4.9	0.16	0.01		11
	8/19/75	3.8	4.4	192	8	0.94		506	8.8	0.36	0.04		23
	9/22/75	12	4.5	200	5	0.75	0.42	950	29	0.72	0.11	0.06	137
	10/14/75	8.9	4.7	256	4	0.8	0.55	500	27	0.43	0.09	0.06	53
	11/11/75	12	4.2	204	2	0.4	0.35	300	29	0.29	0.06	0.05	43
	12/9/75	28	4.0	172	0	0.25	0.1	310	58	0	0.08	0.03	104
	1/22/76	22	3.6	144	0	0.9	0.5	431	38	0	0.24	0.13	114
	2/18/76	397	4.0	76	0	0.3	0.2	175	362	0	1.4	0.95	834
	3/24/76	31	4.0	264	0	0.2	0.2	750	98	0	0.07	0.07	279
	4/27/76	31	4.1	212	0	2.1	0.4	663	79	0	0.78	0.15	247
	AVG.	55	4.2	191	2.5	0.72	0.34	500	73	0.20	0.29	0.19	185
RANGE	2.2 - 397	3.6 - 4.7	76 - 264	0 - 8	0.2 - 2.1	0.1 - 0.55	175 - 950	4.9 - 362	0 - 0.72	0.01 - 1.4	0.03 - 0.95	11 - 834	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
37	7/15/75	568	4.1	82	0	0.53		220	559	0	3.6		1,500
	8/19/75	480	3.8	170	0	2.2		462	979	0	13		2,661
	9/18/75	1,064	3.9	88	0	13	0.25	250	1,124	0	166	3.2	3,192
	10/14/75	908	4.3	104	2	1.7	0.75	245	1,133	22	19	8.2	2,670
	11/11/75	1,009	3.6	92	0	2.2	0.65	310	1,114	0	27	7.9	3,753
	12/9/75	1,521	4.5	52	8	0.25	0.05	97	949	146	4.6	0.91	1,770
	1/21/76	1,488	3.9	62	0	1.0	0.8	165	1,107	0	18	14	2946
	2/19/76	4,434	4.2	44	6	0.5	0.5	160	2,341	319	27	27	8,513
	3/29/76	1,863	4.1	50	2	0.1	0	120	1,118	45	2.2	0	2,683
	4/27/76	2,294	4.5	46	0	0.1	0	148	1,266	0	2.8	0	4,074
AVG.	1,563	4.1	79	1.8	2.2	0.38	218	1,069	53	28	7.7	3,376	
RANGE	480-4,434	3.6-4.5	44-104	0-8	0.1-13	0-0.8	97-462	559-2,341	0-319	2.2-166	0-27	1,500-8,513	
38	7/15/75	385	3.5	182	0	2.2		369	841	0	10		1,705
	8/19/75	497	3.8	184	0	1.6		792	1,097	0	9.5		4,723
	9/18/75	1,329	3.9	80	0	36	0.31	250	1,276	0	574	4.9	3,987
	10/14/75	1,272	4.0	88	0	1.4	0.75	230	1,343	0	21	11	3,511
	11/11/75	1,205	3.7	80	0	2.2	0.8	320	1,157	0	32	12	4,627
	12/9/75	2,184	4.3	56	4	1.5	0.2	150	1,468	105	39	5.2	3,931
	1/21/76	1,880	3.7	134	0	1.9	0.6	575	3,023	0	43	14	12,972
	2/19/76	10,595	4.0	56	0	1.5	0.6	310	7,120	0	191	76	39,413
	3/29/76	1,690	4.0	64	0	1.2	0.4	125	1,298	0	24	8.1	2,535
	4/27/76	2,311	4.2	58	0	1.3	0.5	245	1,608	0	36	14	6,794
AVG.	2,335	3.9	98	0.4	5.1	0.52	337	2,023	11	98	18	8,420	
RANGE	385-10,595	3.5-4.3	56-184	0-4	1.2-36	0.2-0.8	125-792	841-7,120	0-105	9.5-574	4.9-76	1,705-39,413	
39	7/15/75	54	6.4	0	16	0.33		60	0	4	0.1		16
	SAMPLE DISCONTINUED												
40	7/14/75	6.1	3.2	420	0	20		1,892	31	0	1.5		138
	8/19/75	0.42	3.3	680	0	20		1,342	3.4	0	0.1		6.8
	9/16/75	2.2	3.4	376	0	35	6.3	1,350	9.9	0	0.92	0.17	36
	10/14/75	17	3.8	304	0	7.7	1.5	750	62	0	1.6	0.31	153
	11/11/75	70	3.4	160	0	3.5	0.8	430	134	0	2.9	0.67	361
	12/9/75	70	3.6	136	0	2.9	0.2	375	114	0	2.4	0.17	315
	1/21/76	FROZEN	3.3	376	0	12	1.1	1,250					
	2/25/76	123	3.1	400	0	3.8	1.2	1,042	590	0	5.6	1.8	1,537
	3/24/76	76	3.6	184	0	1.9	0.7	750	168	0	1.7	0.64	684
	4/22/76	6.4	3.6	84	0	1.7	1.2	263	65	0	0.13	0.09	20
AVG.	41	3.4	312	0	11	1.6	944	124	0	1.9	0.55	361	
RANGE	0.42-123	3.1-3.8	84-680	0	1.7-35	0.2-6.3	263-1,892	3.4-590	0	0.1-5.6	0.09-1.8	6.8-1,537	
41	7/15/75	386	3.0	364	0	21		1,342	1,686	0	97		6,216
	8/19/75	308	3.1	1,240	0	23		1,496	4,583	0	85		5,529
	9/22/75	340	3.5	120	0	11	3	625	490	0	45	12	2,550
	10/14/75	463	4.0	256	0	22	2	1,350	1,422	0	122	11	7,501
	11/11/75	430	3.2	200	0	9.7	2	670	1,032	0	50	10	3,457
	12/10/75	761	3.3	146	0	13	2.5	400	1,333	0	119	23	3,653
	1/22/76	851	3.4	190	0	9.5	2.4	706	1,940	0	97	25	7,210
	2/18/76	3,166	4.0	50	0	2	1.2	230	1,900	0	76	46	8,738
	3/22/76	147	3.5	200	0	8.2	3	875	353	0	14	5.3	1,544
	4/21/76	101	3.2	310	0	20	20	1,313	376	0	24	24	591
AVG.	695	3.4	308	0	14	4.5	901	1,512	0	73	20	4,799	
RANGE	101-3,166	3.0-4.0	50-1,240	0	2-23	2-20	230-1,496	353-4,583	0	14-122	5.3-46	1,544-8,738	
42	7/15/75	12,701	6.4	2	18	2.2		50	305	2,743	35		7,621
	8/18/75	7,208	6.9	0	22	3.3		48	0	1,903	285		4,152
	9/17/75	10,860	7.5	2	16	2.4	0.38	34	261	2,085	313	50	4,431
	10/13/75	21,277	5.2	4	12	0.8	0.25	35	1,021	3,064	204	64	8,936
	11/11/75	28,745	6.4	8	14	0.8	0.25	40	2,760	4,829	276	86	13,789
	12/8/75	23,591	6.1	0	12	0.8	0.5	26	0	3,397	226	142	7,360
	1/19/76	28,643	7.6	10	10	1.1	0.8	85	3,437	3437	378	275	29,216
	2/18/76	13,583	5.6	6	42	0.9	0.5	90	978	6,846	147	81	14,670
	3/23/76	27,779	6.5	4	10	0.6	0.4	100	1,333	3,333	200	133	33,335
	4/26/76	42,274	6.1	2	8	1.8	0.7	148	1,015	4,058	913	355	75,079
AVG.	21,666	6.4	3.8	16	1.5	0.38	66	1,111	3,570	328	119	19,860	
RANGE	7,208-42,274	5.2-7.6	0-10	8-42	0.6-3.3	0.25-0.8	26-148	0-3,437	1,903-6,846	147-913	50-355	4,152-75,079	

FLOW MEASUREMENTS & CHEMICAL ANALYSES

Sample	Date	Flow (g.p.m.)	pH	Acidity (mg/l)	Alkalinity (mg/l)	Total Iron (mg/l)	Ferrous Iron (mg/l)	Sulfates (mg/l)	Acidity (lbs/day)	Alkalinity (lbs/day)	Total Iron (lbs/day)	Ferrous Iron (lbs/day)	Sulfates (lbs/day)
43	7/15/75	171	3.8	102	0	1.1		638	209	0	2.3		1,309
	8/20/75	224	3.8	124	0	0		594	333	0	0		1,597
	9/22/75	432	4.1	64	8	2.5	1.0	460	332	42	13	5.2	2,385
	10/15/75	421	3.7	80	0	1.5	0.55	400	404	0	7.6	2.8	2,021
	11/12/75	659	4.0	60	0	1.6	1	425	474	0	13	7.9	3,361
	12/10/75	443	4.0	76	0	1.6	1.1	295	404	0	8.5	5.9	1,568
	1/21/76	250	3.9	96	0	1.4	1	365	288	0	4.2	3	1,095
	2/24/76	1,114	3.2	120	0	1.2	0.8	625	1,604	0	16	11	8,355
	3/23/76	647	4.0	76	0	1.1	1.0	425	591	0	8.5	7.8	3,300
	4/26/76	544	4.2	72	2	1.6	1.2	385	470	13	10	7.8	2,513
	AVG.	491	3.9	87	0.1	1.4	.77	461	511	5.5	8.3	5.1	2,750
RANGE	171-1,114	3.2-4.2	60-124	0-8	0-2.5	0.55-1.2	295-638	209-1,604	0-42	0-16	2.8-11	1,095-8,355	
44	7/15/75	177	4.5	30	4	18		374	64	8.5	38		794
	8/20/75	117	6.0	12	10	0		330	17	14	0		463
	9/22/75	258	5.2	4	40	3.5	0.13	200	12	124	11	0.4	619
	10/15/75	244	4.2	96	2	0.4	0.15	183	281	5.9	1.2	0.4	536
	11/12/75	484	4.6	20	6	0.5	0.25	285	116	35	2.9	1.5	1,655
	12/10/75	250	5.0	28	2	2.3	0.1	102	84	6	6.9	0.3	306
	1/21/76	124	4.6	44	8	0.3	0.2	310	66	12	0.5	0.3	461
	2/24/76	538	3.2	50	0	0.2	0.1	280	323	0	1.3	0.7	1,808
	3/23/76	97	4.4	30	4	0.4	0.1	250	35	4.7	0.5	0.1	291
	4/26/76	439	4.9	18	8	0.7	0.48	230	95	42	3.7	0.25	1,212
	AVG.	273	4.7	35	8.4	2.8	0.15	257	109	25	6.6	0.62	815
RANGE	97-538	3.2-6.0	4-96	0-40	0-17.8	0.1-0.25	102-374	12-323	0-124	0-11	0.1-1.5	291-1,808	
45	7/15/75	12	5.4	170	16	69		2,156	24	2	9.9		310
	8/19/75	11	3.8	420	0	54		2,112	55	0	7.1		279
	9/17/75	22	3.9	100	0	59	38	1,100	26	0	16	10	286
	10/15/75	65	4.9	40	28	59	48	1,200	31	22	46	37	936
	11/12/75	50	4.7	232	10	25	10	1,100	139	6	15	6	660
	12/10/75	123	5.4	104	24	38	31	750	154	35	56	46	1,107
	1/26/76	284	5.1	48	10	3.9	3.9	175	164	34	13	13	596
	2/7/76	40	4.3	76	8	25	20	1,850	37	3.8	12	9.6	888
	3/25/76	400	3.9	200	0	46	44	1,250	960	0	222	210	6,000
	4/22/76	400	3.2	116	0	41	37	1,475	557	0	198	177	7,080
	AVG.	141	4.5	151	9.6	46	23	1,317	215	10	60	51	1,814
RANGE	11-400	3.2-5.4	40-420	0-28	3.9-69	3.9-48	175-2,156	24-960	0-35	7.1-222	6-210	279-7,080	
46	7/15/75	504	4.0	54	0	0.73		1,200	327	0	4.4		7,258
	8/19/75	310	4.0	80	0	0		1,100	298	0	0		4,092
	9/22/75	636	4.7	8	20	2.7	0.56	570	61	153	21	4.3	4,350
	10/15/75	644	4.2	56	8	0.8	0.3	730	433	62	6.2	2.3	5,641
	11/12/75	1,012	4.2	32	4	0.9	0.7	750	389	49	11	8.5	9,108
	12/10/75	1,033	4.7	32	8	1.3	1.0	650	397	99	16	12	8,057
	1/22/76	1,006	4.5	66	8	1.2	1.2	600	797	97	14	14	7,243
	2/18/76	8,478	4.8	20	8	1.1	0.4	275	2,035	814	112	41	27,977
	3/22/76	1,654	4.6	94	8	0.7	0.5	1,450	1,866	159	14	9.9	28,780
	4/21/76	795	4.0	40	0	1.1	0.3	1,475	382	0	10	2.9	14,072
	AVG.	1,607	4.4	48	6.4	1.1	0.62	880	699	143	21	12	11,658
RANGE	310-8,478	4.0-4.8	8-94	0-20	0-2.7	0.3-1.2	275-1,475	61-2,035	0-815	0-112	2.3-41	4,092-28,780	
47	7/16/75	111	6.7	0	26	1.3		26	0	35	1.7		35
	8/19/75	15	7.1	0	26	0.96		40	0	4.7	0.17		7.2
	9/17/75	107	6.4	4	32	1.1	0.44	65	5.1	41	1.4	0.56	83
	10/14/75	41	5.2	12	36	1.4	0.55	38	5.9	18	0.69	0.27	19
	11/11/75	114	6.3	8	24	1.1	0.7	38	11	33	1.5	0.96	52
	12/9/75	485	6.3	0	16	0.6	0.3	27	0	93	3.5	1.7	157
	1/26/76	709	7.3	6	12	0.8	0.4	55	51	102	6.8	3.4	468
	2/17/76	598	5.0	8	8	0.2	0.07	145	57	57	1.4	0.5	1,041
	3/29/76	53	7.5	4	14	1.4	0.35	95	2.5	8.9	0.89	0.22	60
	4/22/76	114	5.6	6	16	0.6	0.25	83	8.2	22	0.82	0.34	114
	AVG.	235	6.3	4.8	21	0.95	0.38	61	14	41	1.9	0.99	204
RANGE	15-709	5.0-7.5	0-12	8-36	0.2-1.4	0.07-0.7	26-145	0-57	4.7-102	0.17-6.8	0.22-3.4	7.2-1,041	
48	11/13/75		6.0	8	14	1.1	0.75	68					
		SAMPLE DISCONTINUED											

EXHIBIT 6
 Project Area
 Stream No. 1

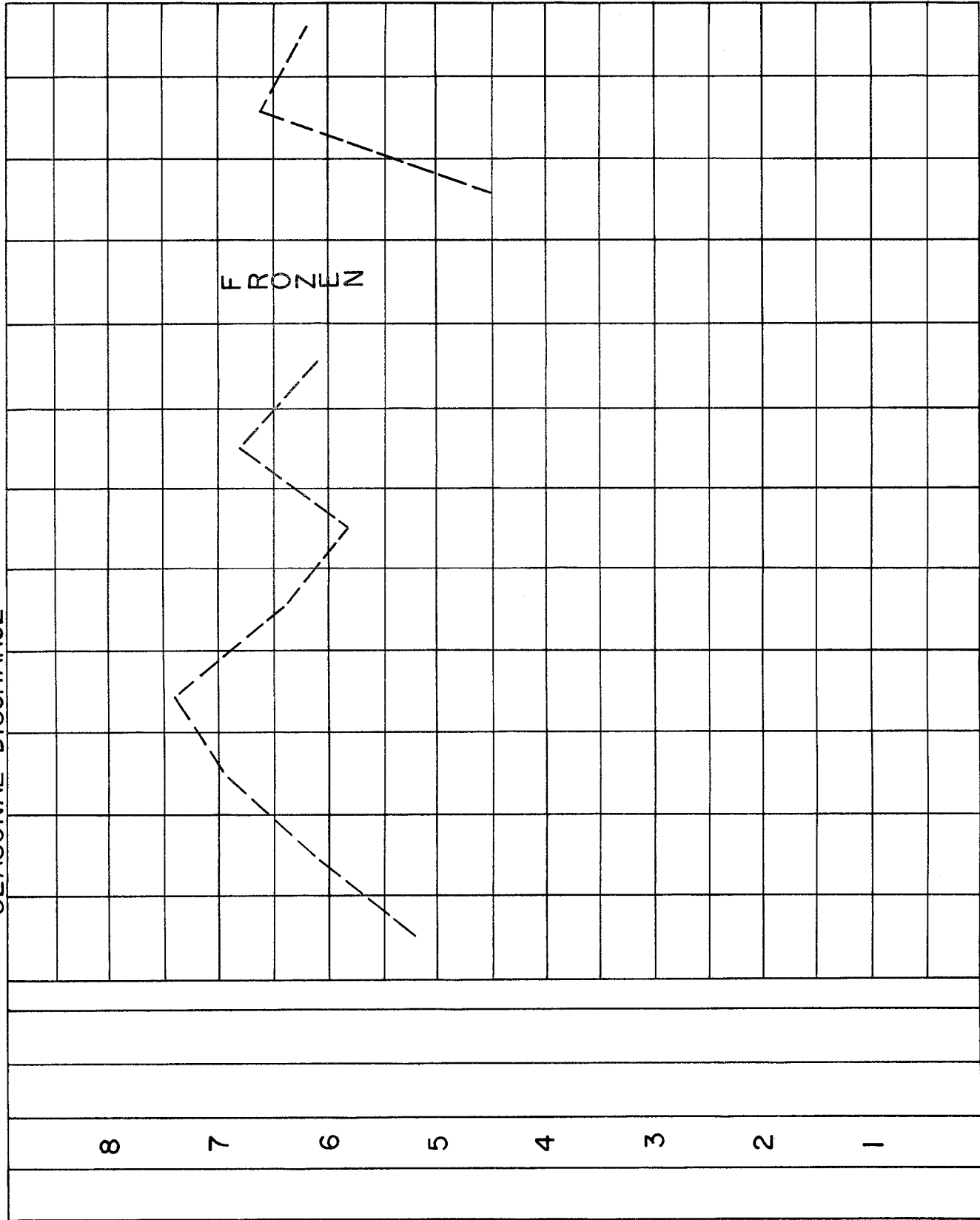
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day

SEASONAL DISCHARGE



Flow pH Acid Total Iron
 G.P.M. lbs./Day

Project Area
Stream No. 2

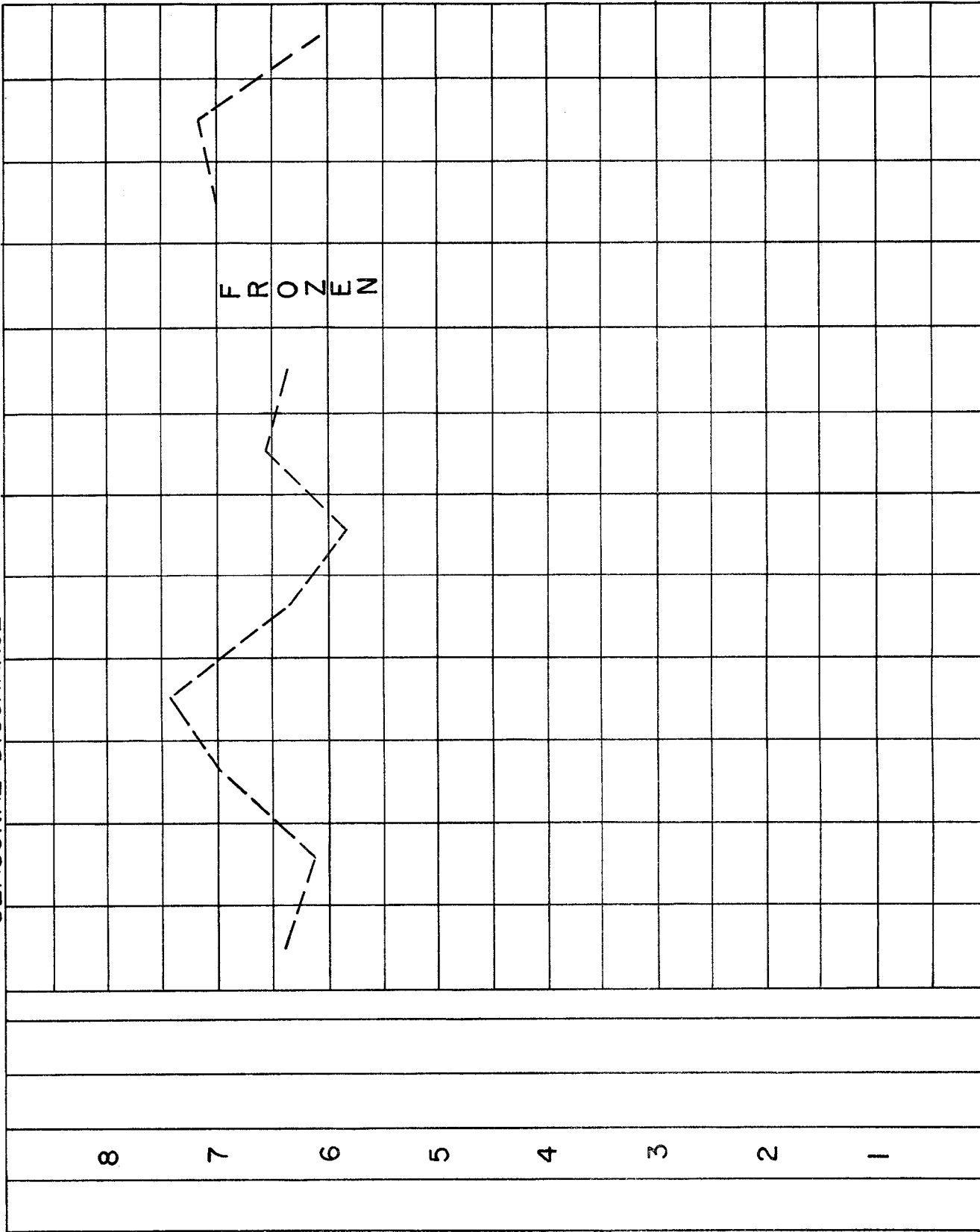
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Flow pH Acid Total Iron
G.P.M. lbs./Day

Project Area
Stream No. 3

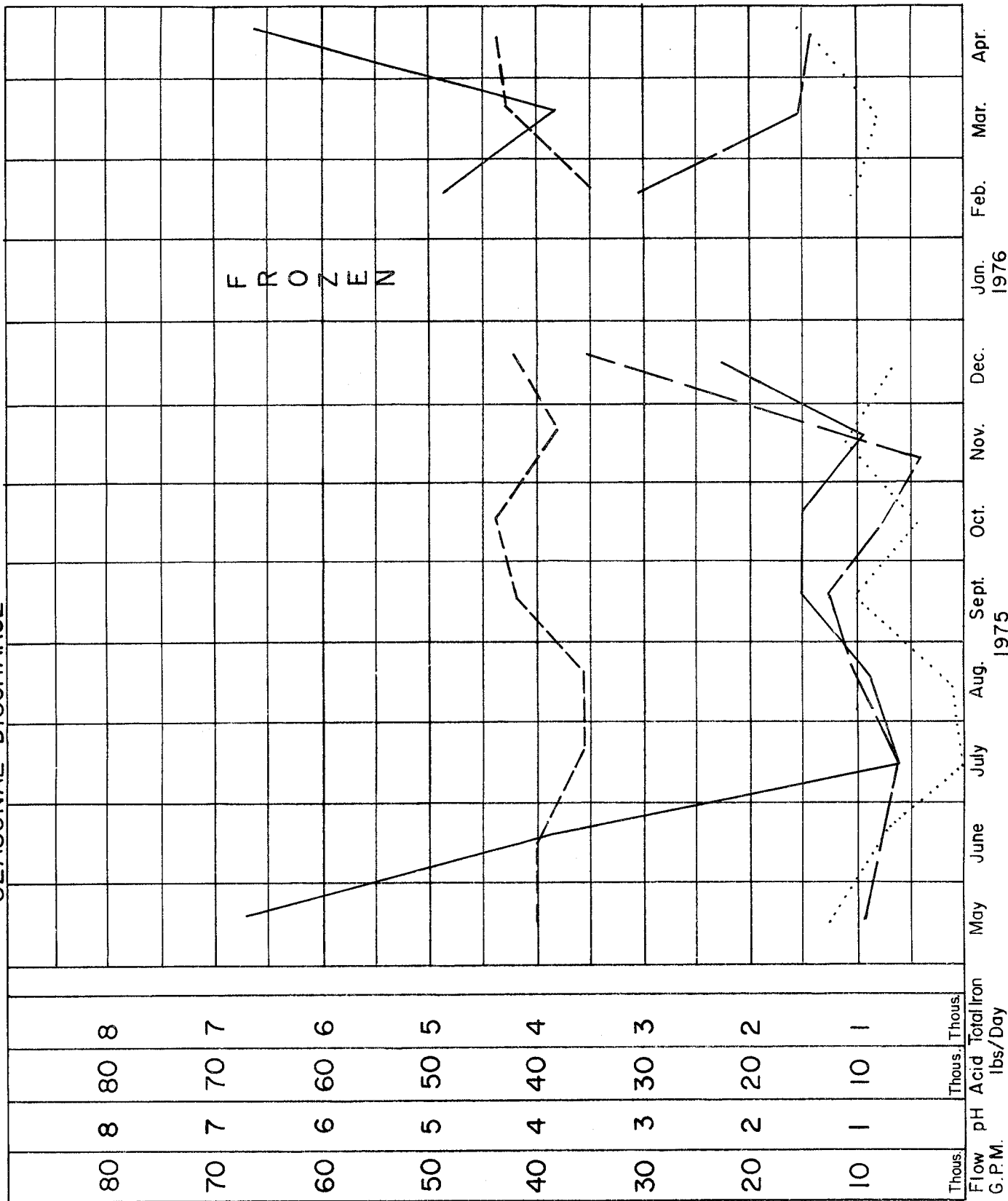
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 4

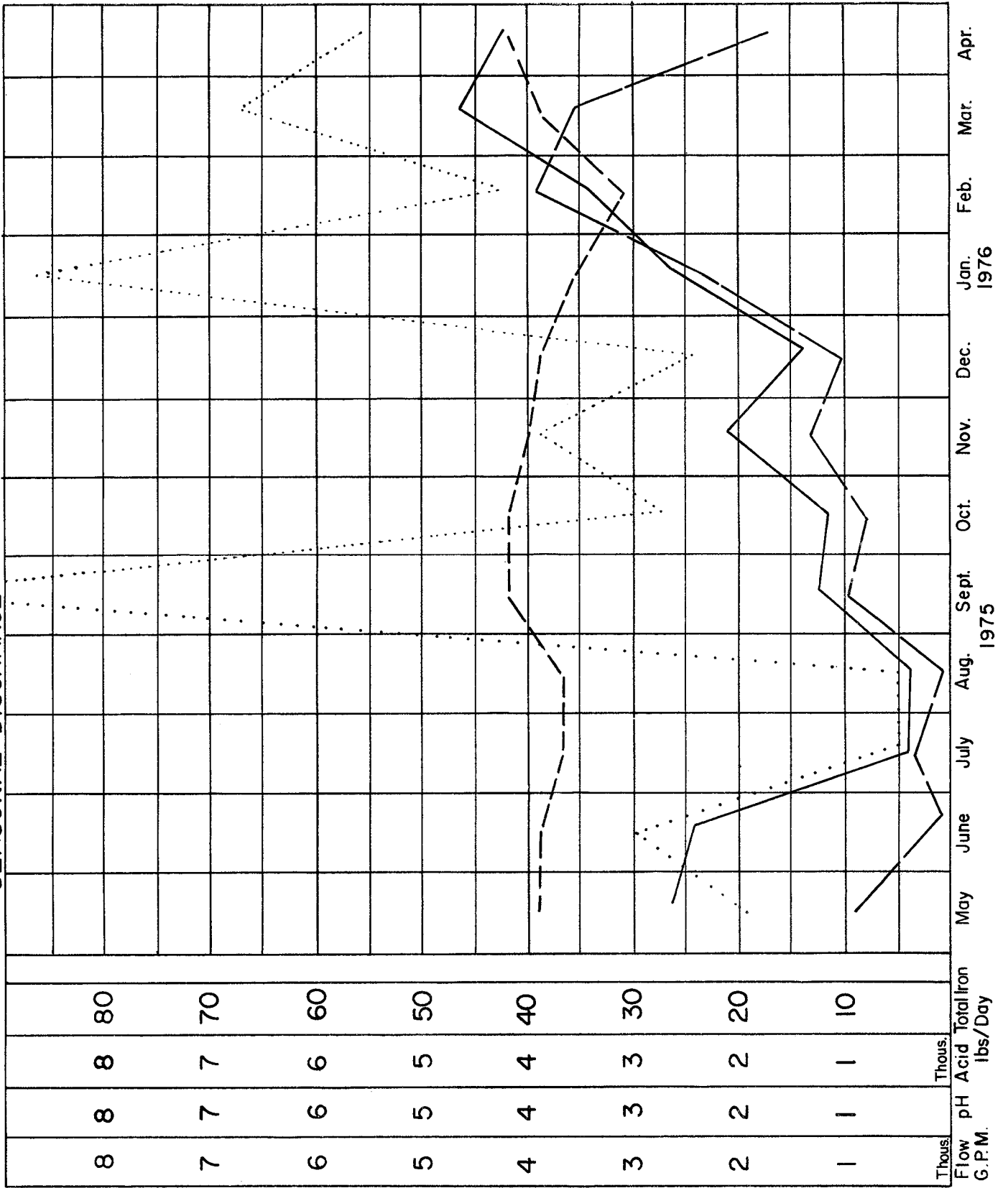
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE¹⁰²



Project Area
Stream No. 5

Flow G.P.M. _____

pH -----

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
800	8	40	8													
700	7	35	7													
600	6	30	6													
500	5	25	5													
400	4	20	4													
300	3	15	3													
200	2	10	2													
100	1	5	1													

SEASONAL DISCHARGE

Project Area
Stream No. 6

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	8	8												
700	7	7	7												
600	6	6	6												
500	5	5	5												
400	4	4	4												
300	3	3	3												
200	2	2	2												
100	1	1	1												

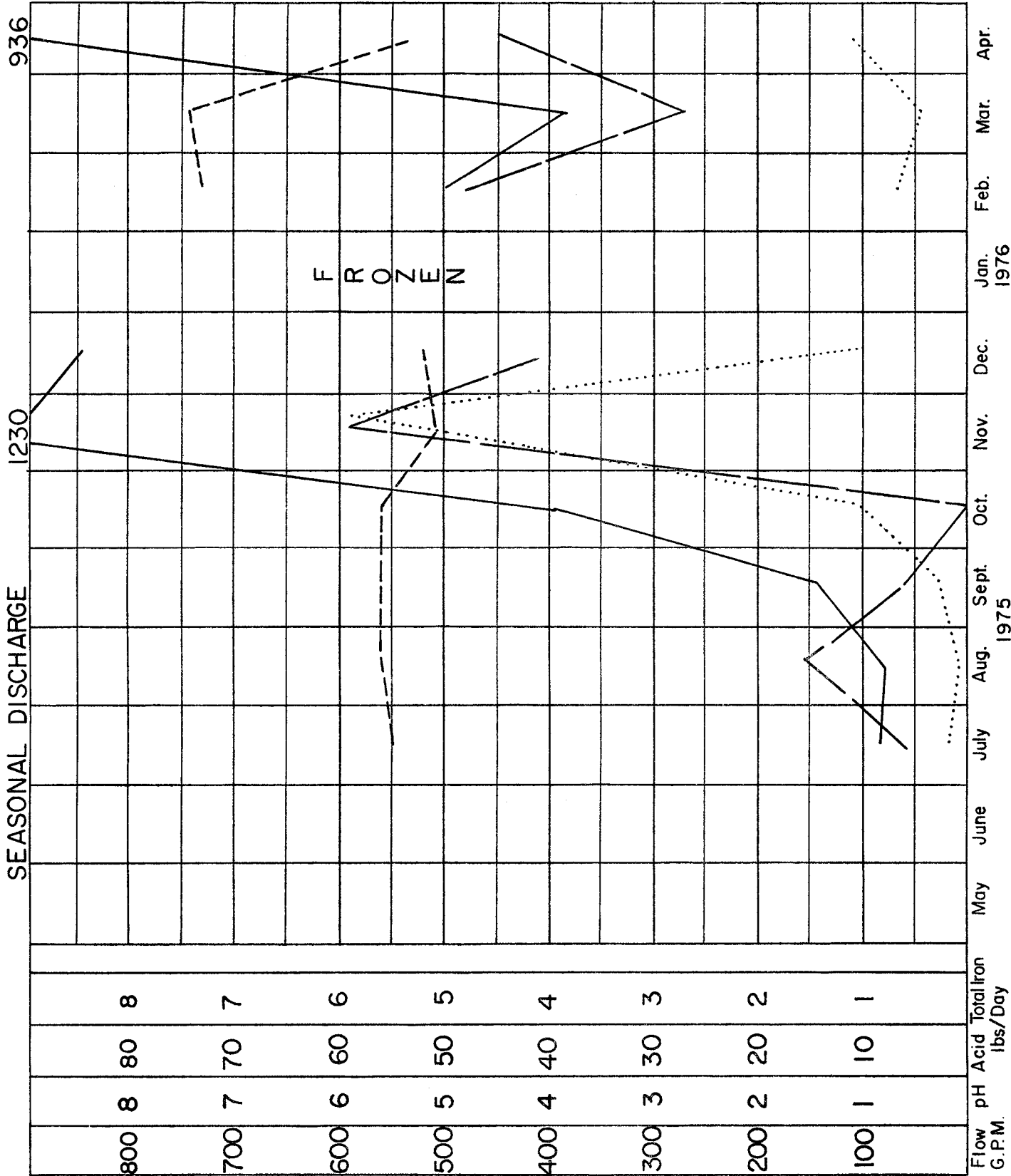
Project Area
Stream No. 7

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



Project Area
Stream No. 8

Flow G.P.M. _____

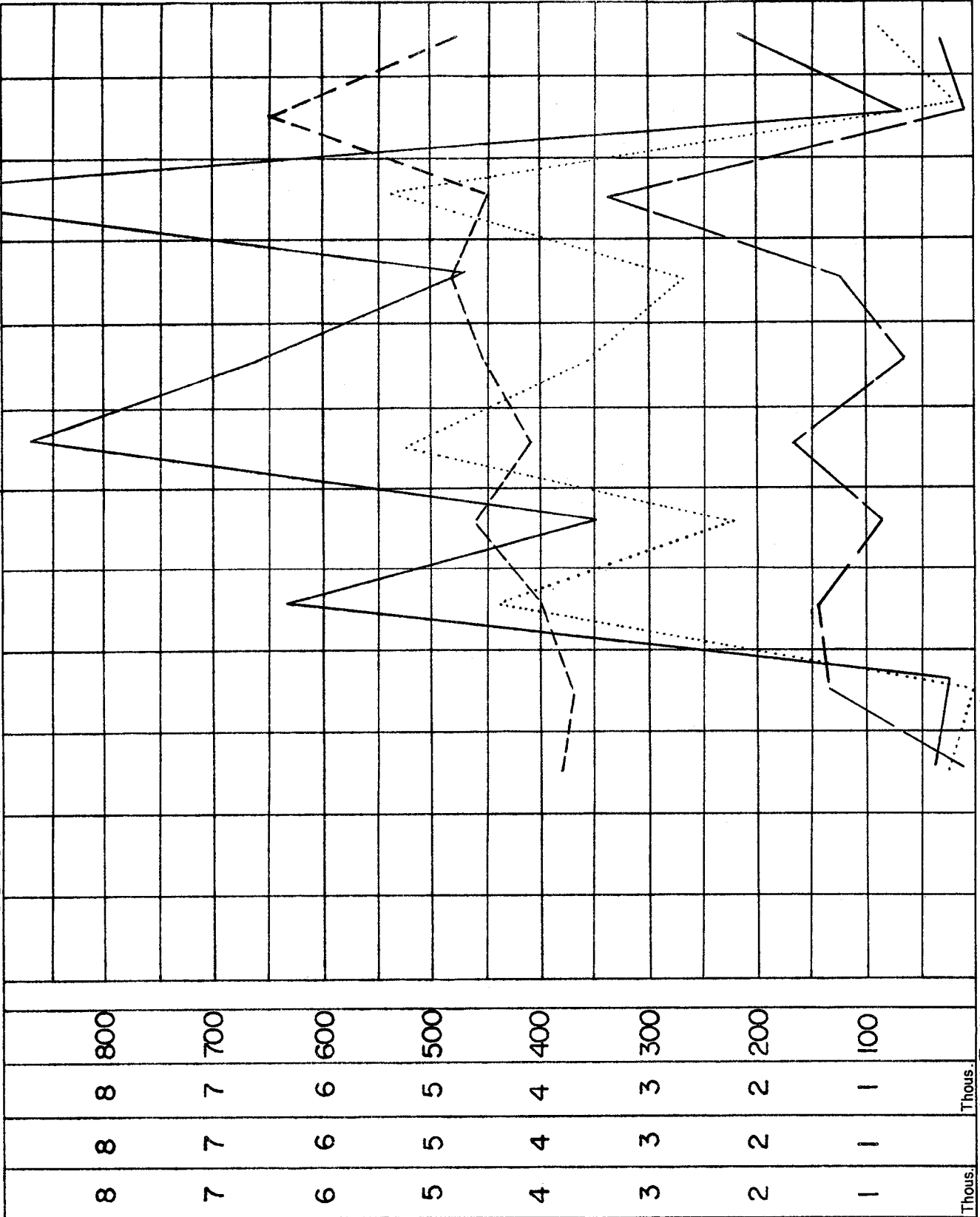
pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

27931



Thous. Flow pH Acid Total Iron
G.P.M. lbs./Day lbs./Day

Project Area
Stream No. 9

Flow G.P.M. _____

pH -----

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
80												
70												
60												
50												
40												
30												
20												
10												

Flow G.P.M. _____
pH _____
Acid lbs./Day _____
Total Iron lbs./Day _____

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
80	8	8	8													
70	7	7	7													
60	6	6	6			D										
50	5	5	5			R										
40	4	4	4			Y										
30	3	3	3													
20	2	2	2													
10	1	1	1													

Project Area
Stream No. 10

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

Project Area
Stream No. II

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

800	8	80	8																	
700	7	70	7																	
600	6	60	6																	
500	5	50	5																	
400	4	40	4																	
300	3	30	3																	
200	2	20	2																	
100	1	10	1																	

Flow G.P.M. pH Acid lbs./Day Total Iron lbs./Day May June July Aug. Sept. Oct. Nov. Dec. Jan. Feb. Mar. Apr. 1975 1976

9875 SEASONAL DISCHARGE

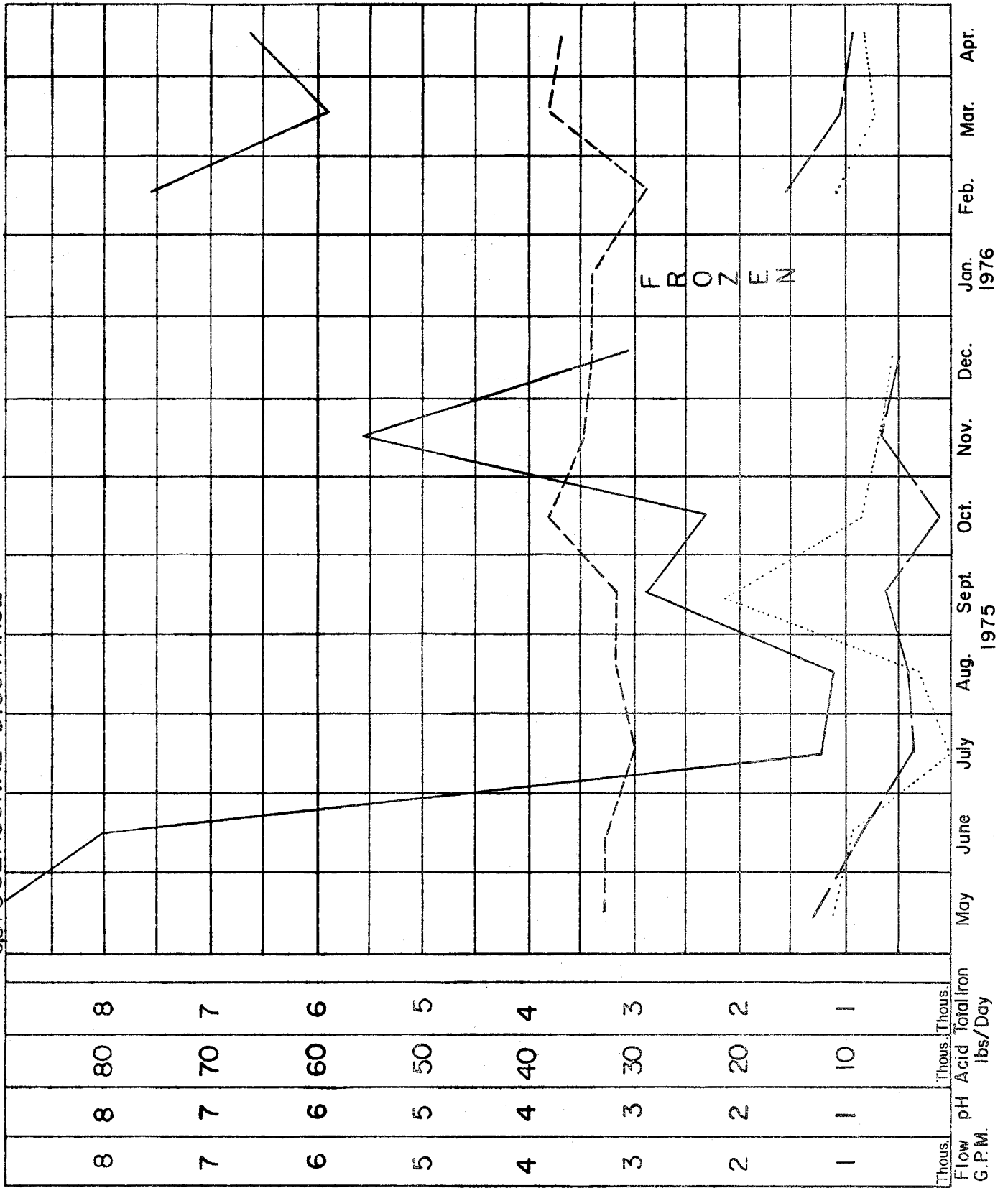
Project Area
Stream No. 12

Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day
.....



Project Area
Stream No. 12A

Flow G.P.M. _____

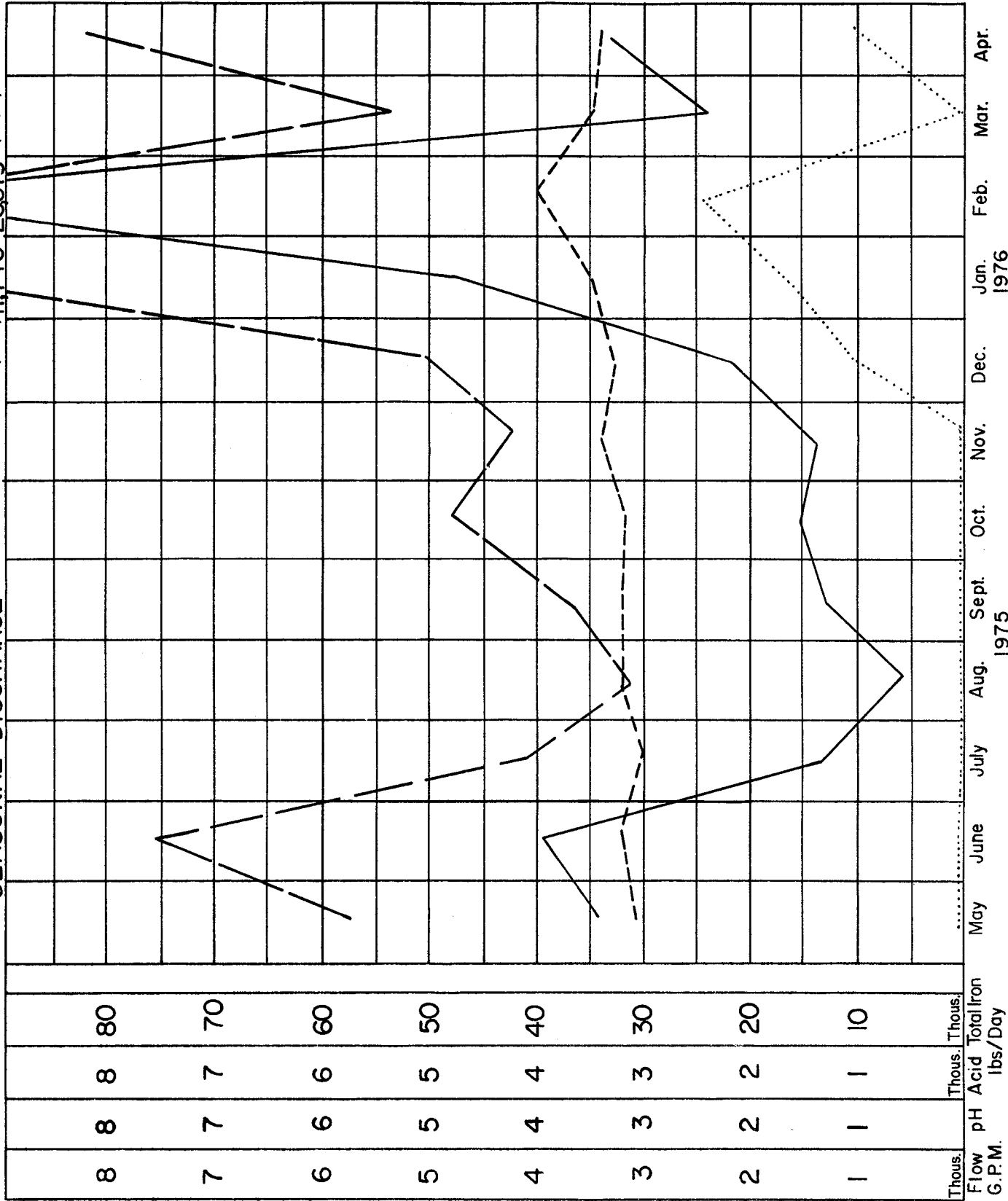
pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

43,712 (Acid.)
26,019 (Flow)



Project Area
Stream No. 12 B

Flow G.P.M. _____

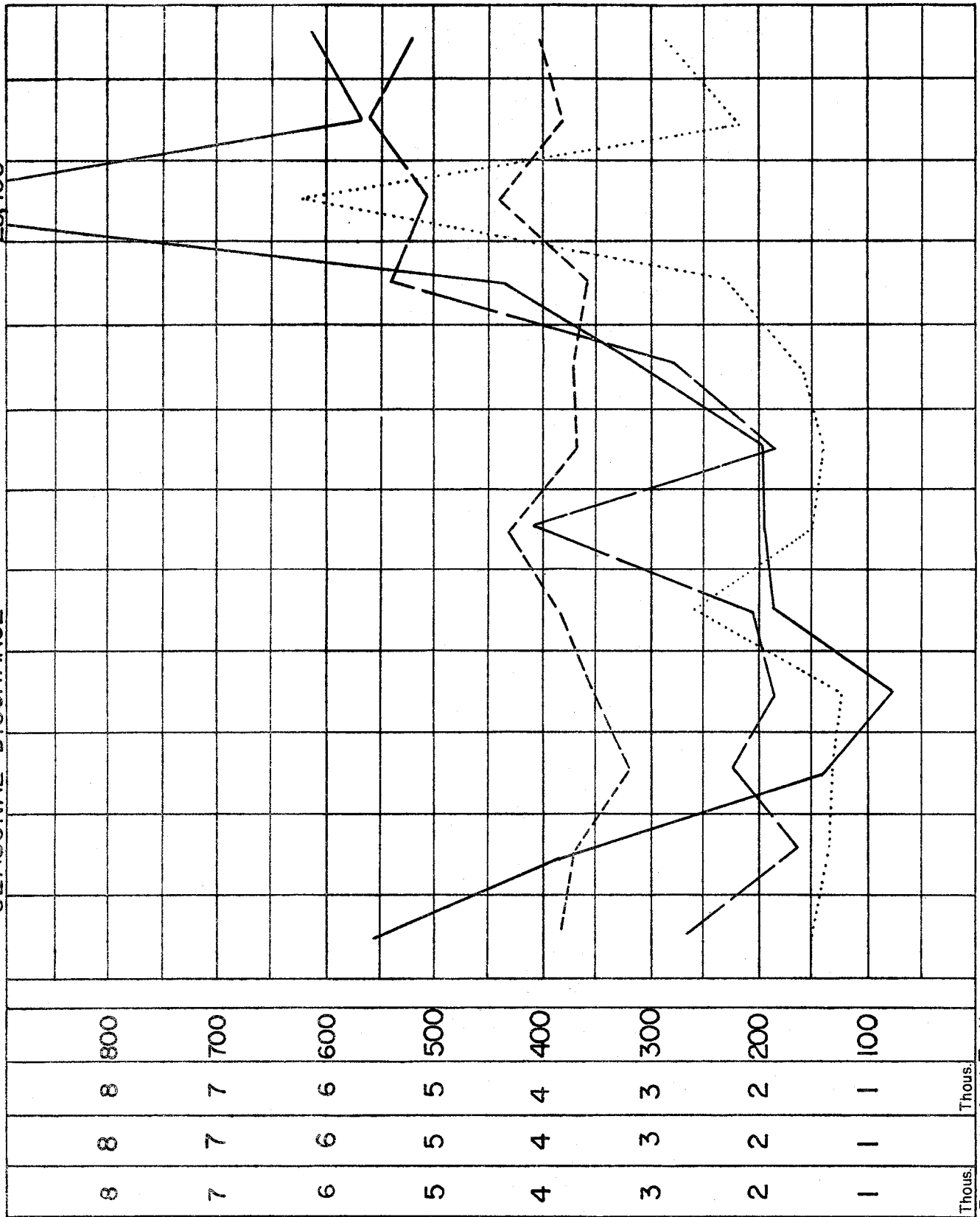
pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

23,400



Thous. Flow pH Acid Total Iron
G.P.M. lbs./Day

Project Area
Stream No. 12 C

Flow G.P.M. _____

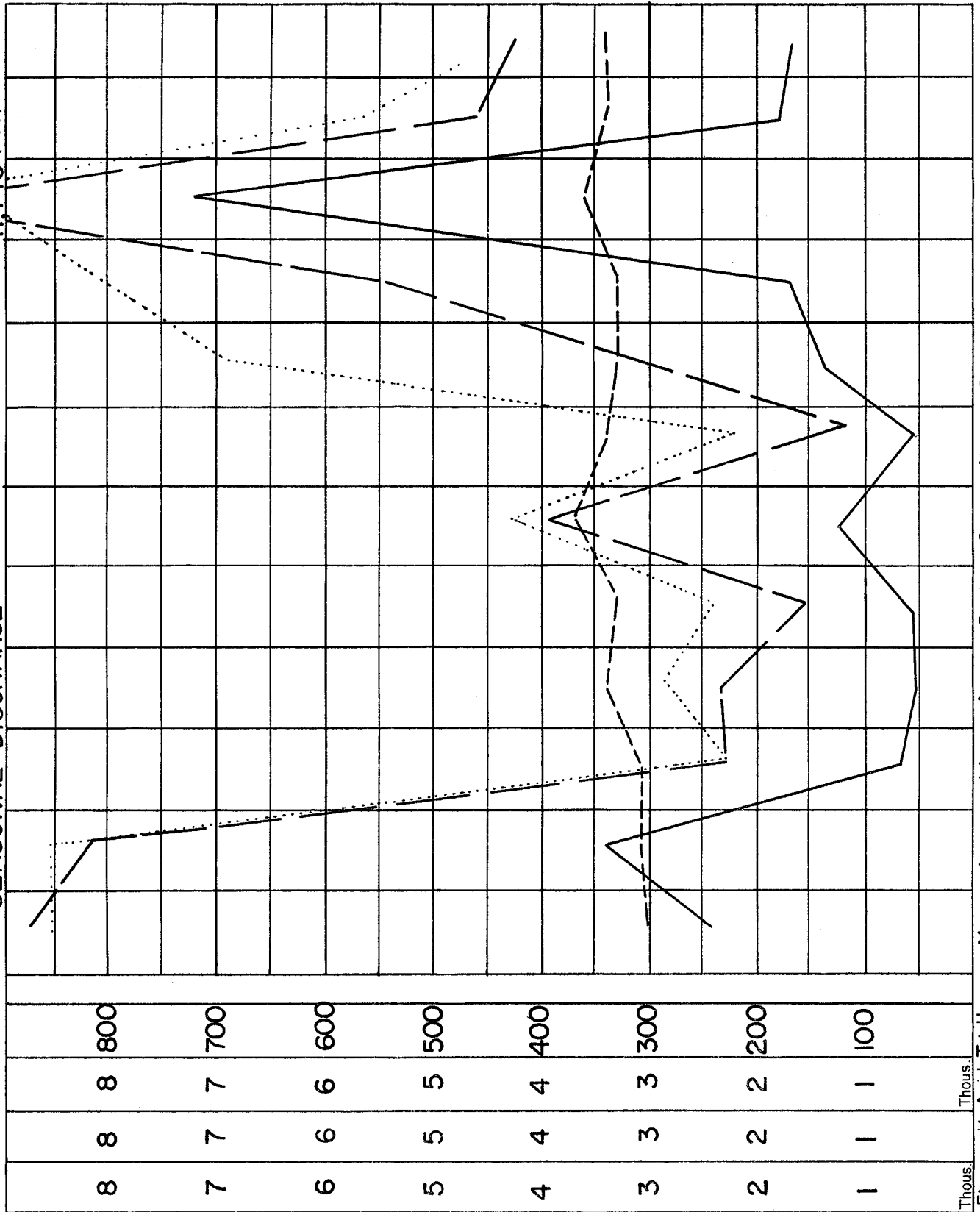
pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

1483 (Tot. Iron)
17446 (Acid)



Thous.
Flow pH Acid Total Iron
G.P.M. lbs./Day

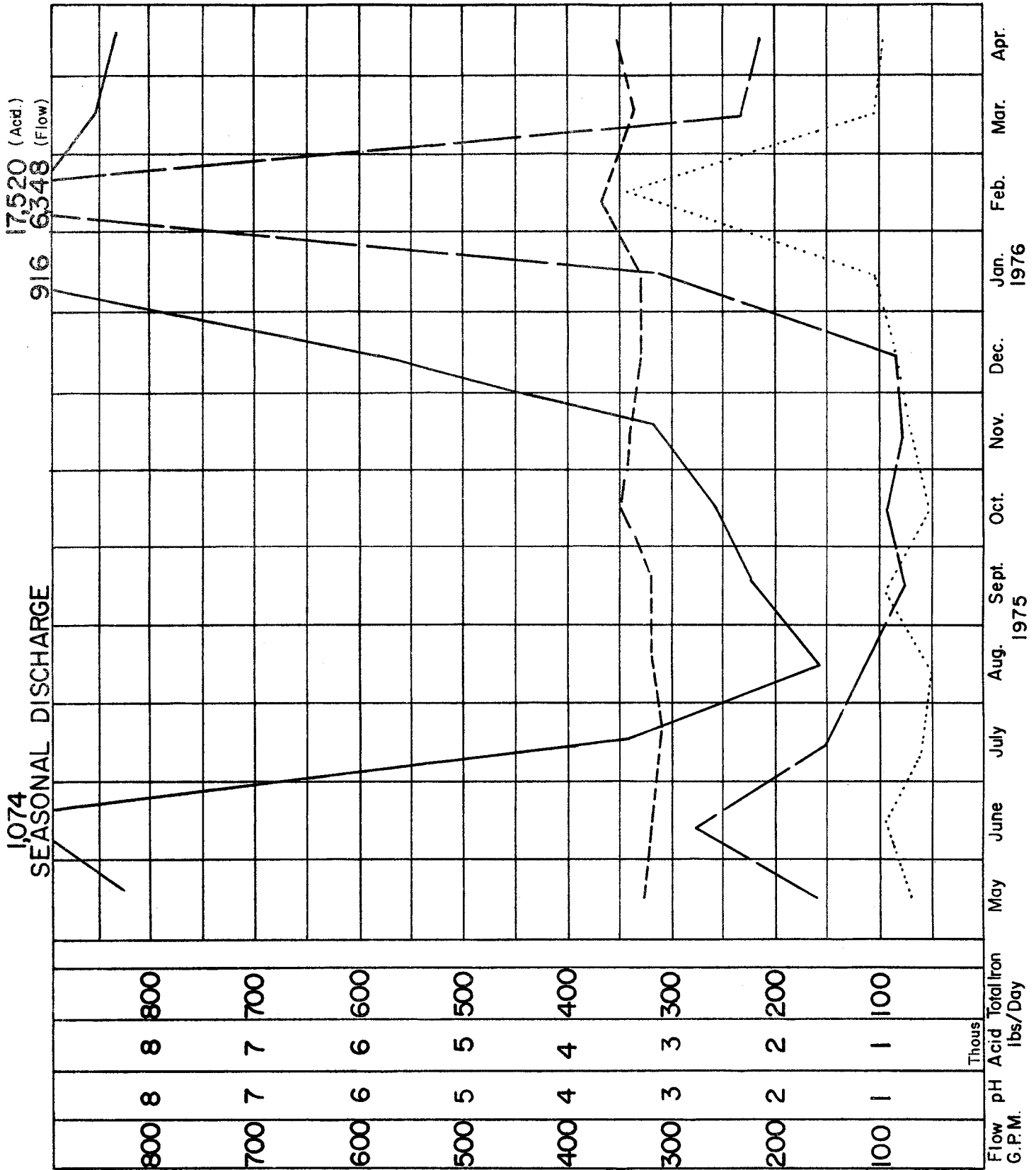
Project Area
Stream No. 12 D

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



Project Area
Stream No. 12 E

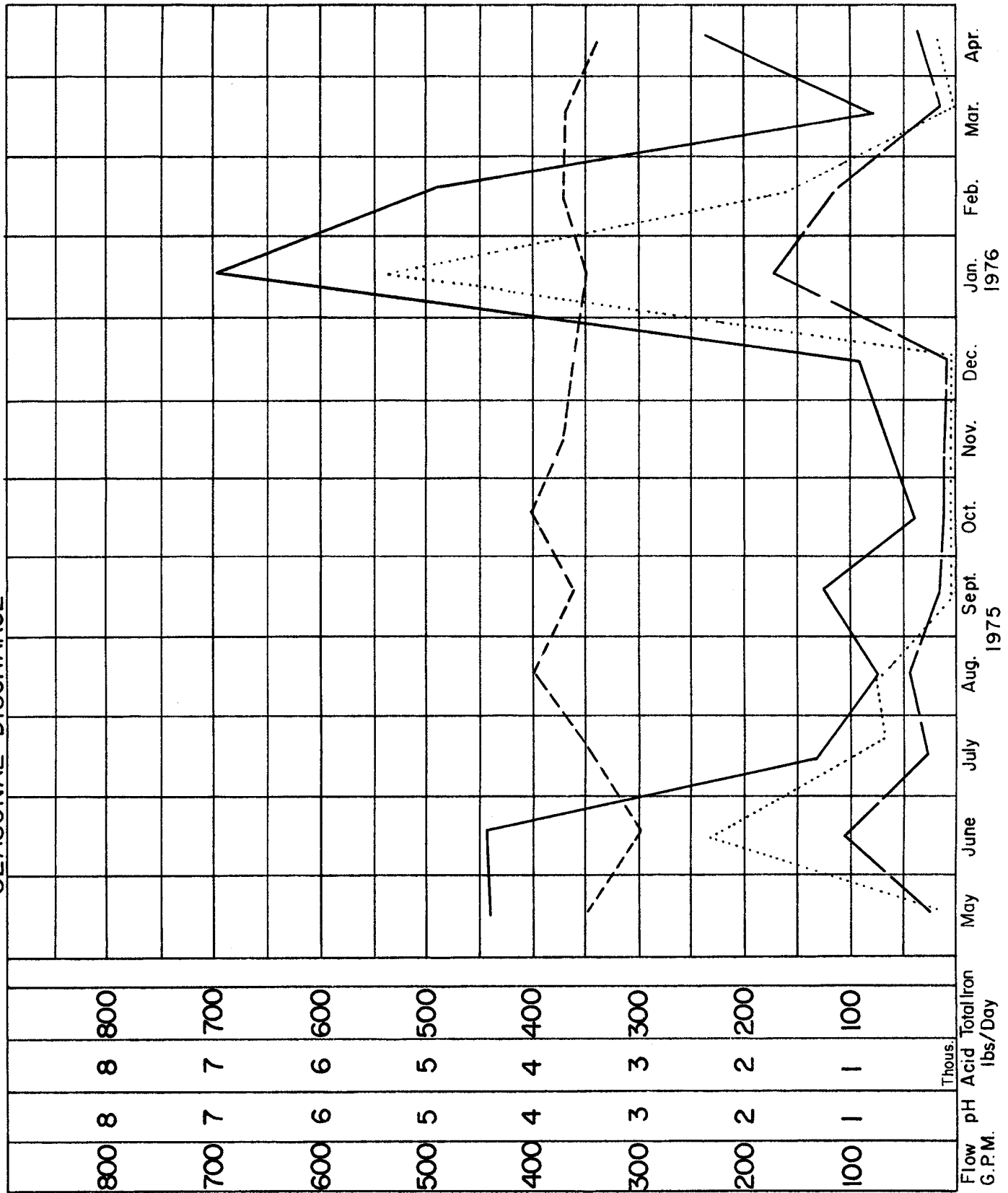
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



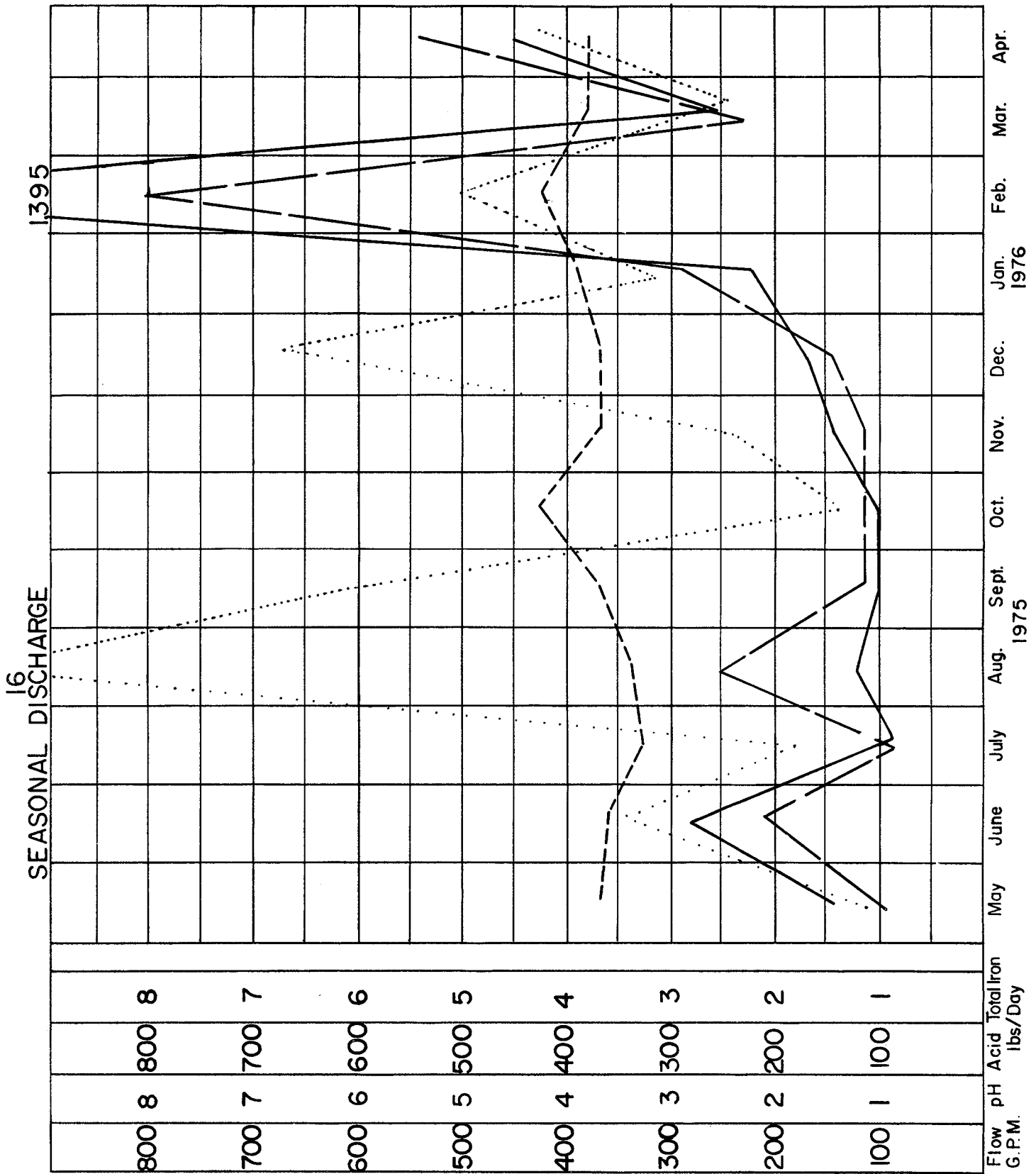
Project Area
Stream No. 12 F

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



Project Area
Stream No. 13

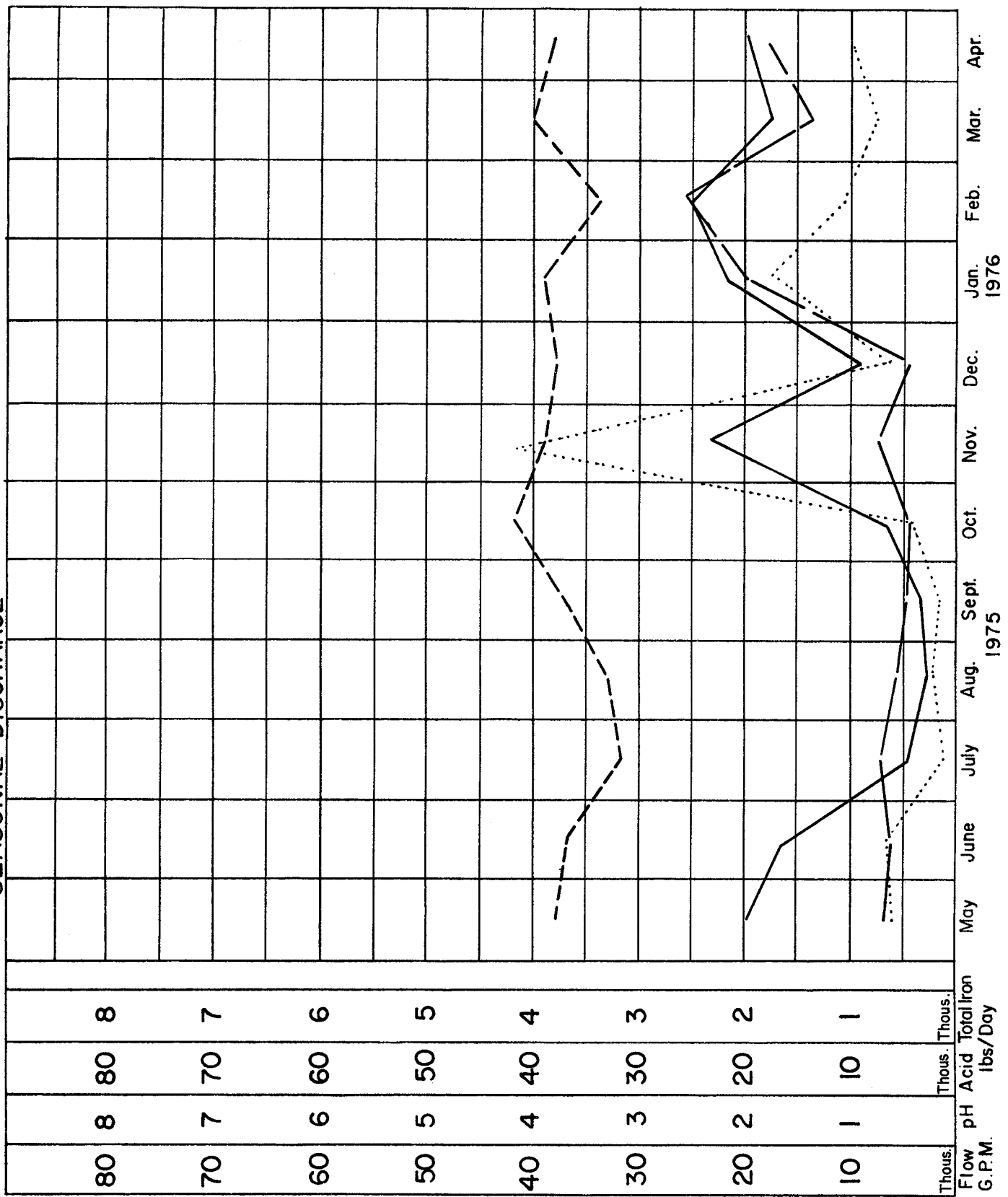
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800												
700												
600												
500												
400												
300												
200												
100												

Flow G.P.M. pH Acid lbs./Day Total Iron lbs./Day

Project Area
Stream No. 13 A

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

Project Area
Stream No. 13B

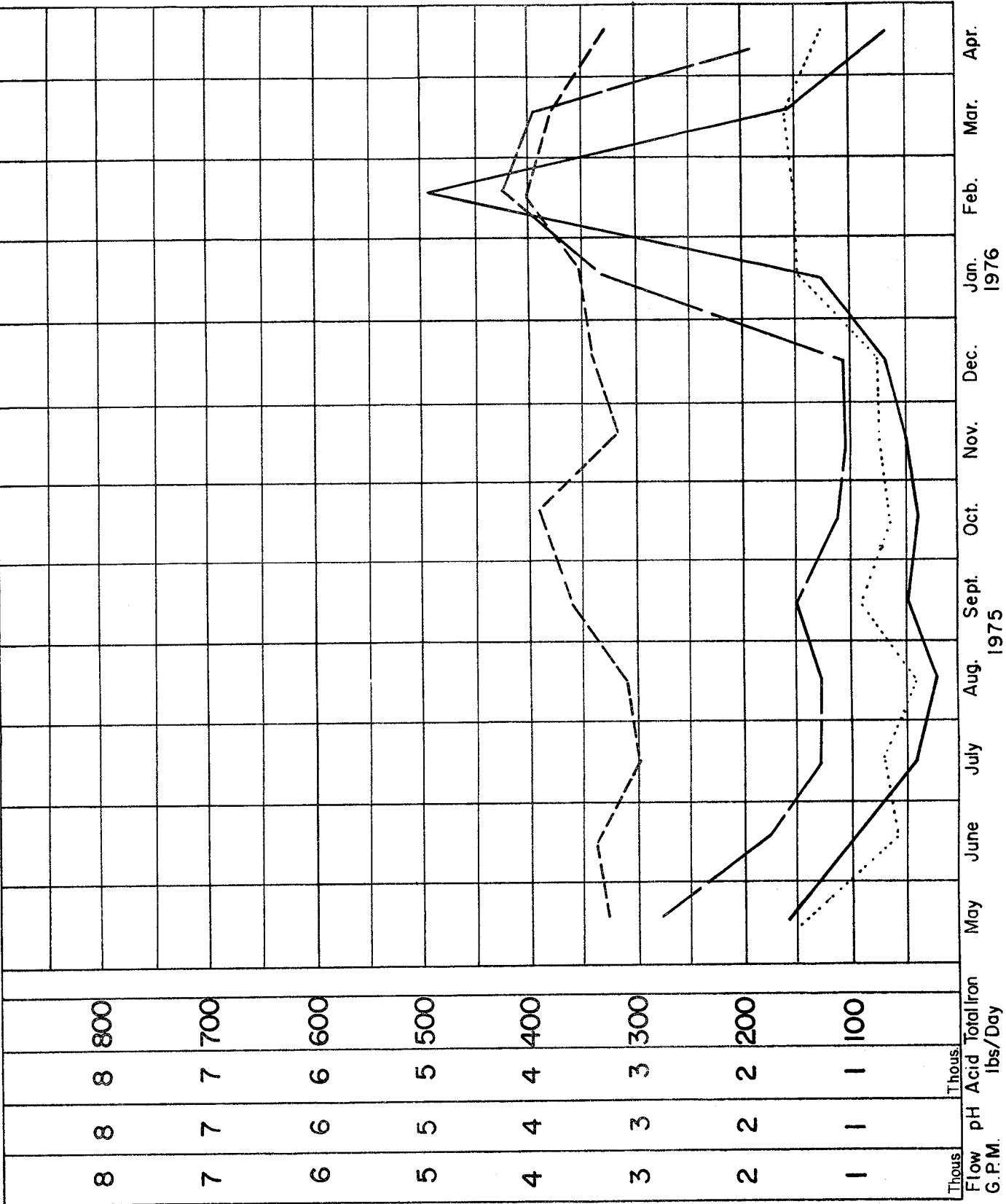
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



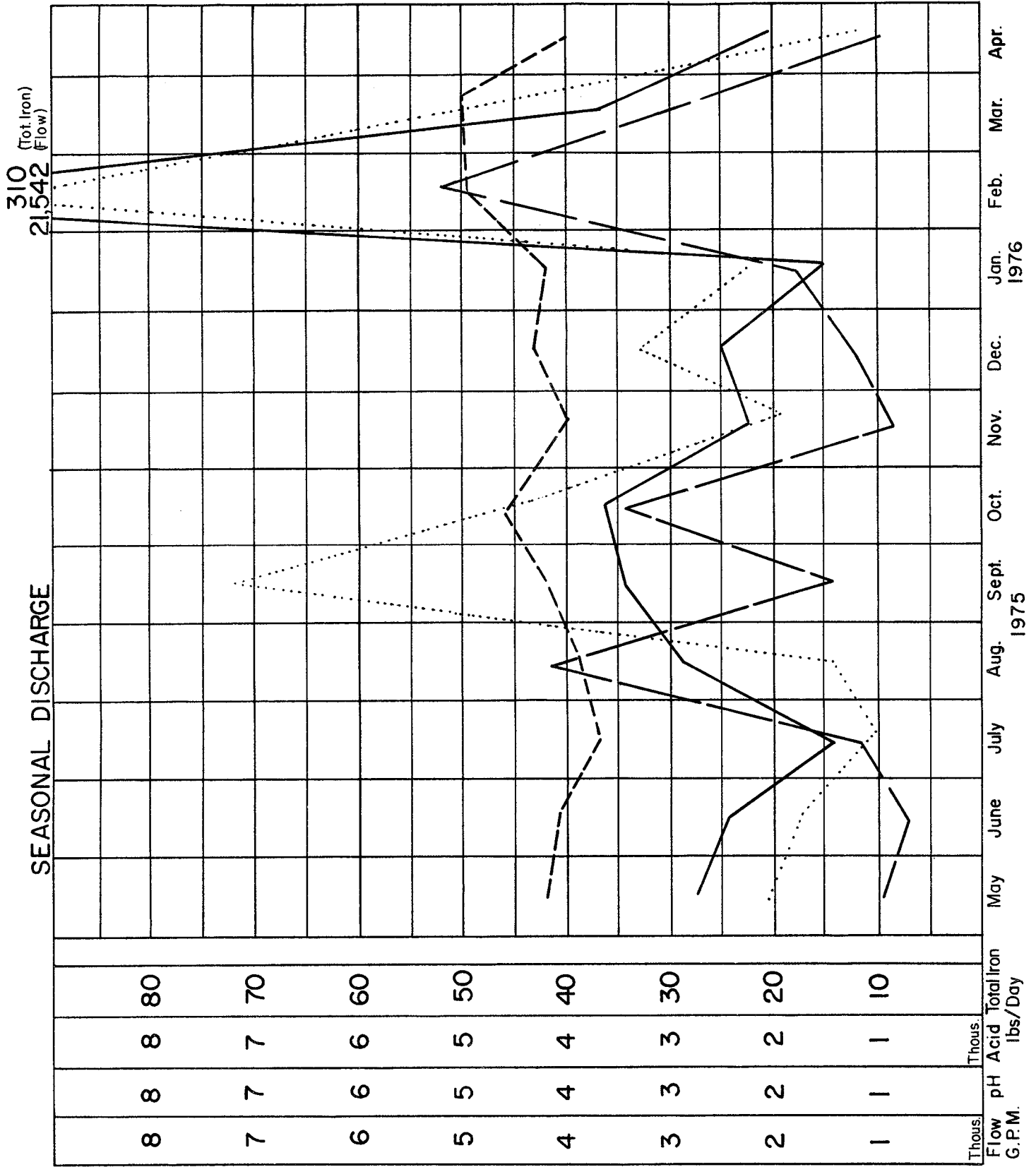
Project Area
Stream No. 13 C

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



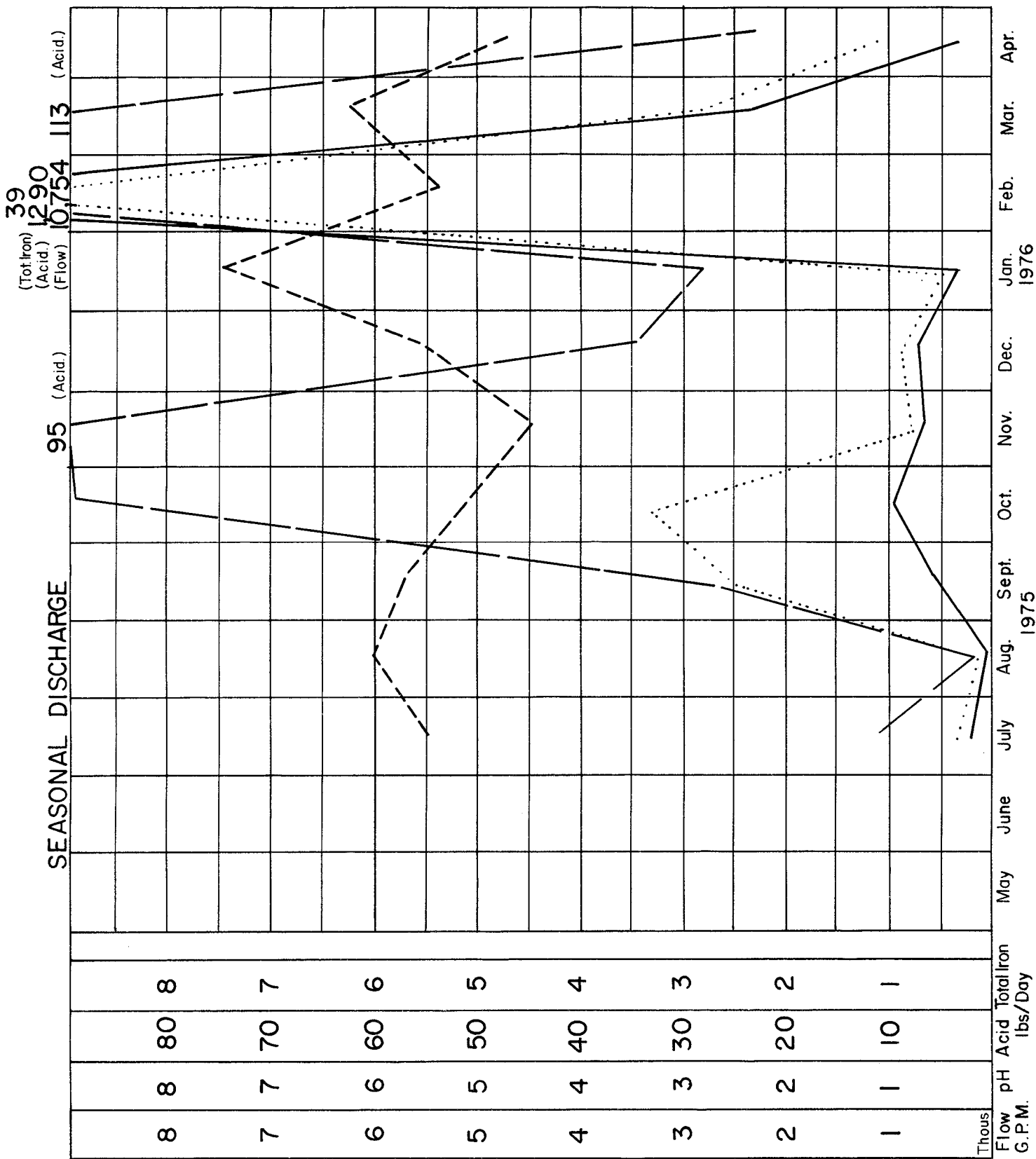
Project Area
Stream No. 13 D

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



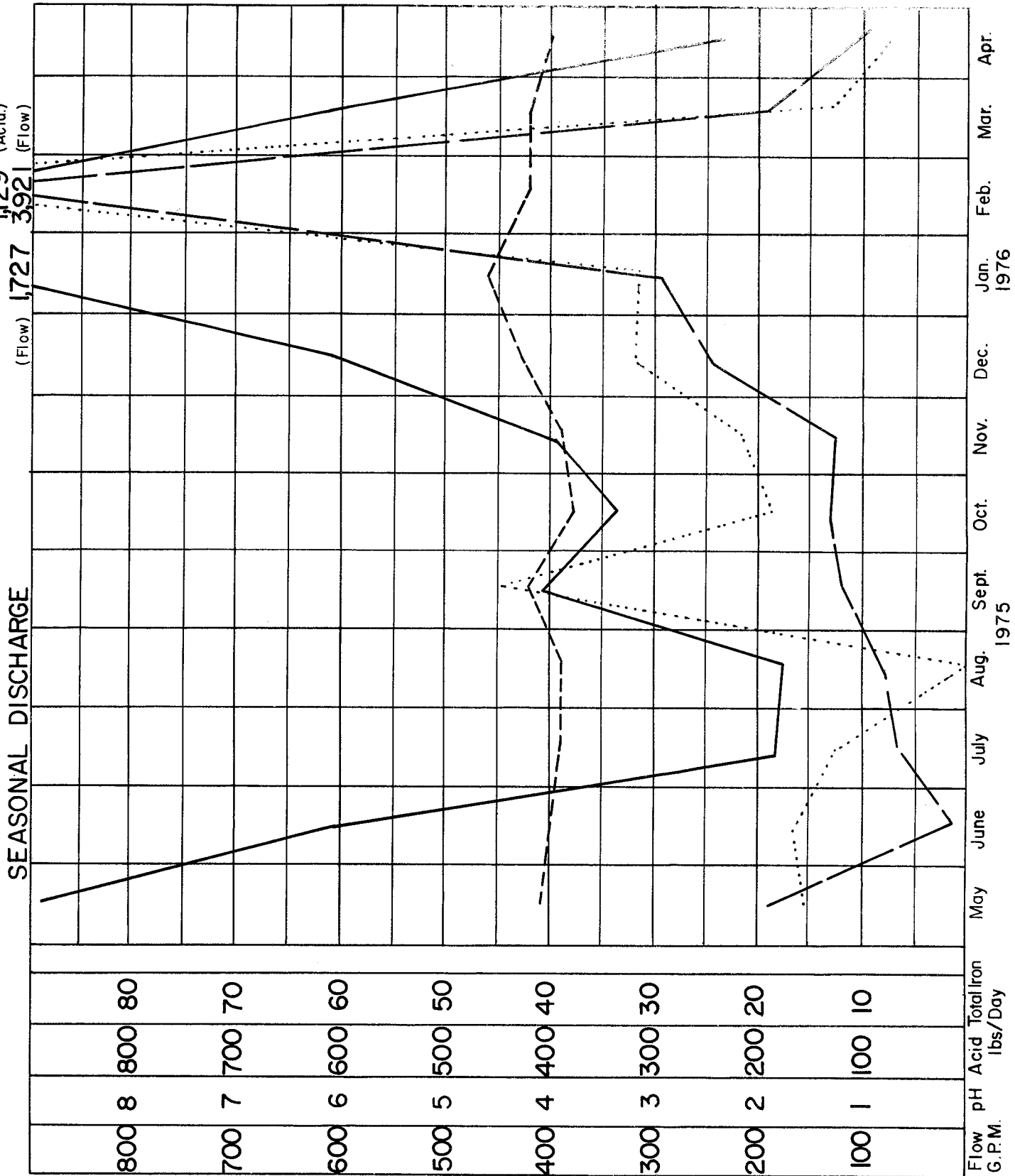
Project Area
Stream No. 13 E

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



Project Area
Stream No. 13F

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	80	8												
700	7	70	7												
600	6	60	6												
500	5	50	5												
400	4	40	4												
300	3	30	3												
200	2	20	2												
100	1	10	1												

Project Area
Stream No. 13G

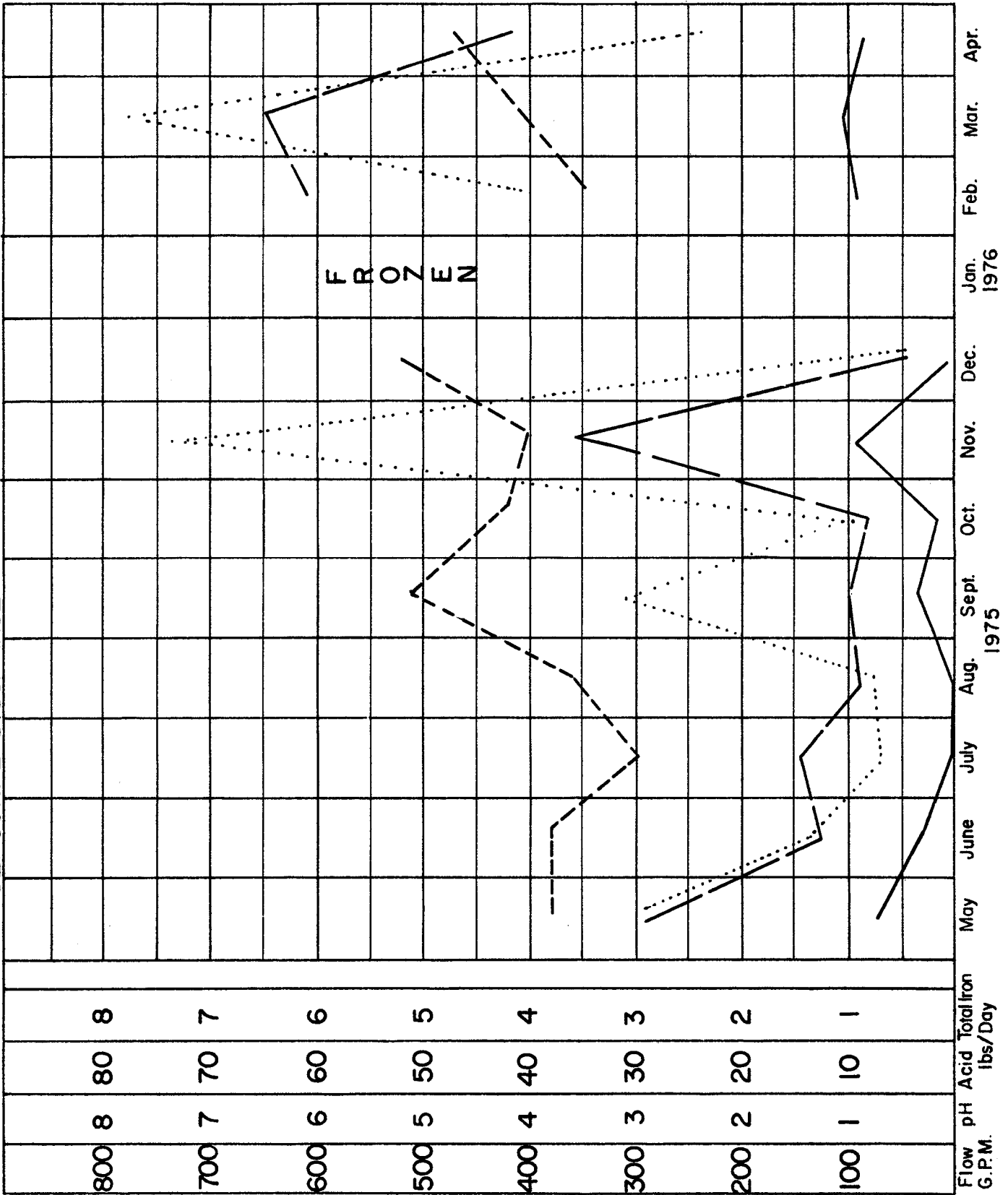
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 13 H

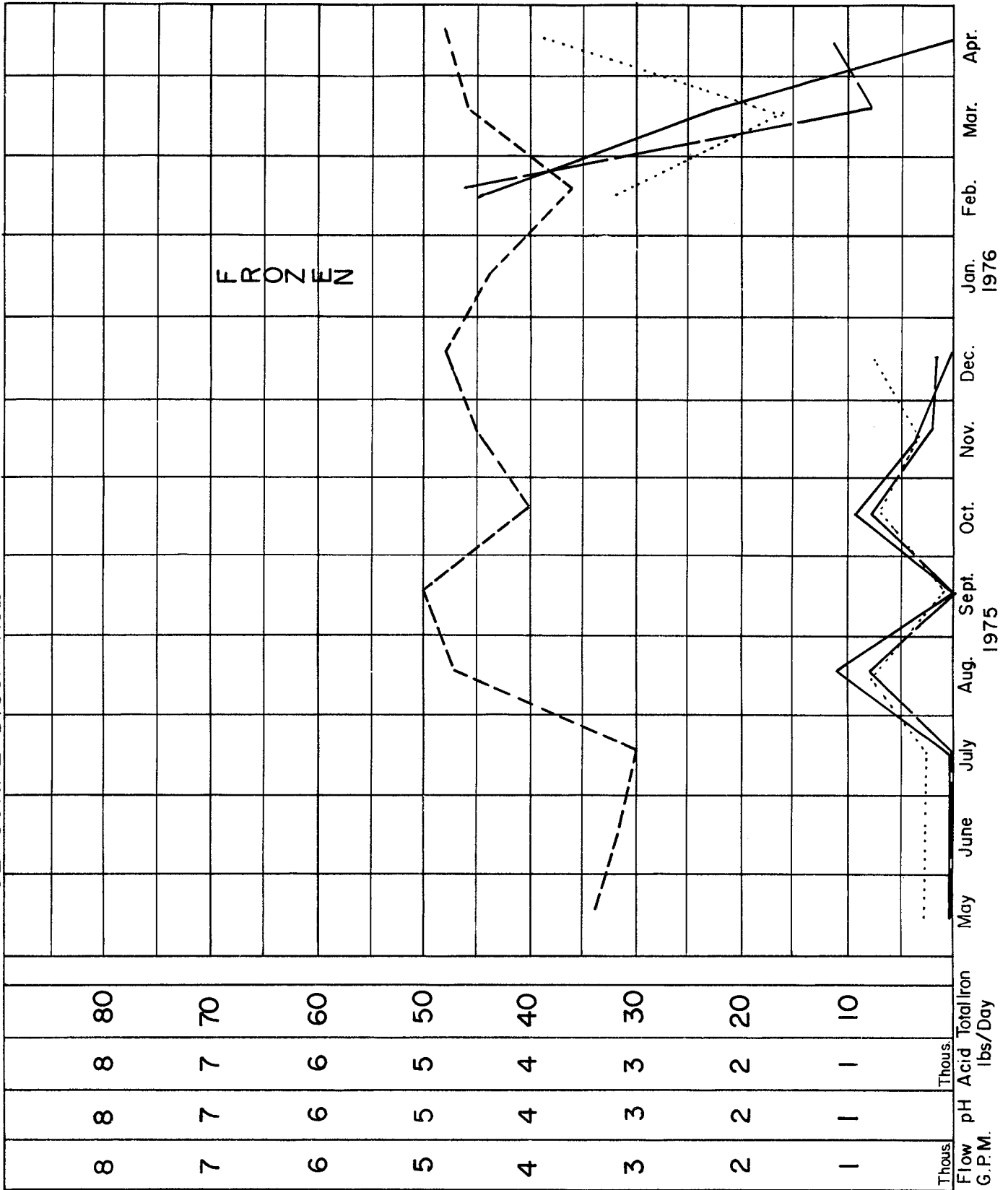
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 13 I

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800												
700												
600												
500												
400												
300												
200												
100												

Flow pH Acid Total Iron
G.P.M. lbs./Day

Project Area
Stream No. 13J

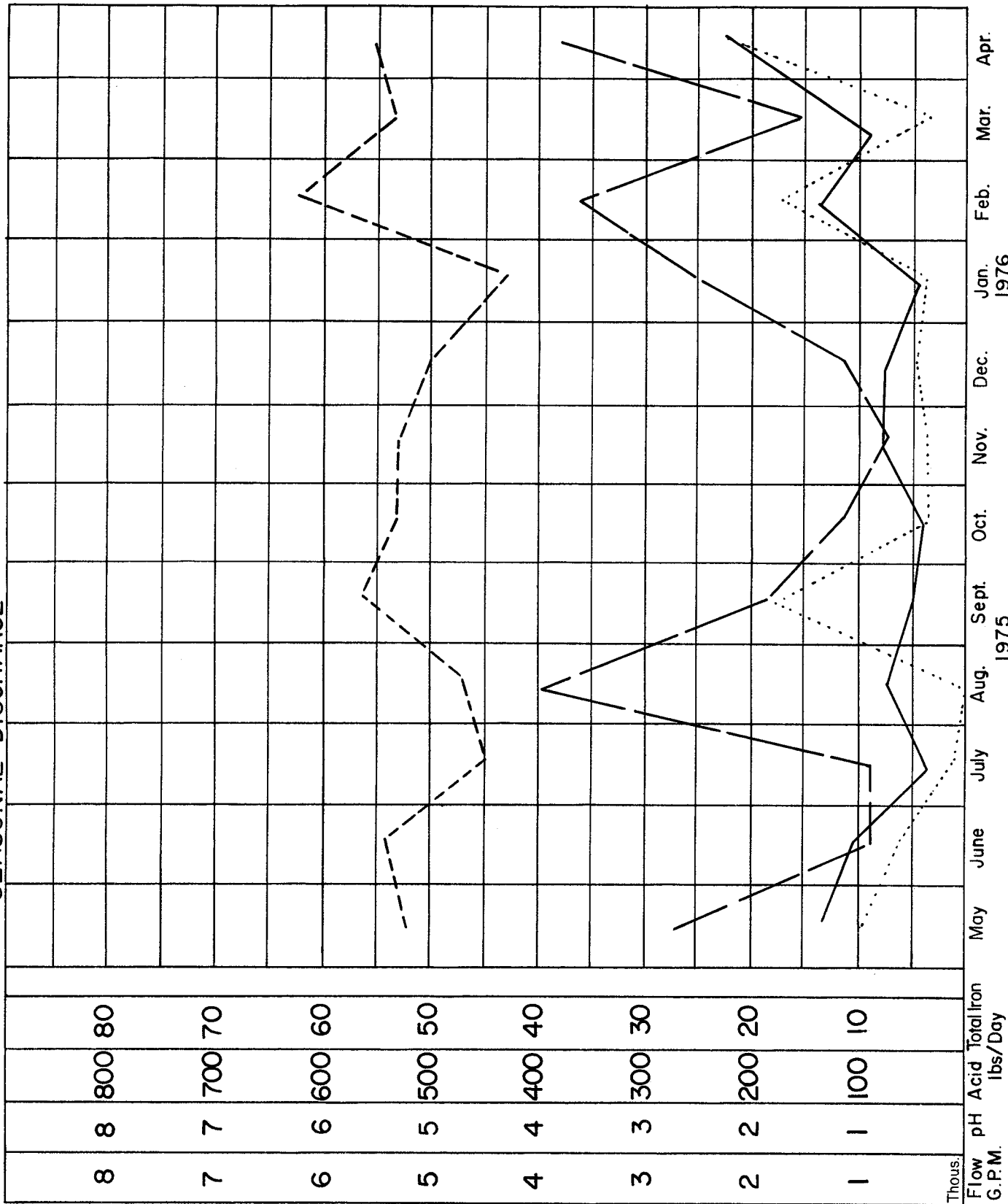
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 13K

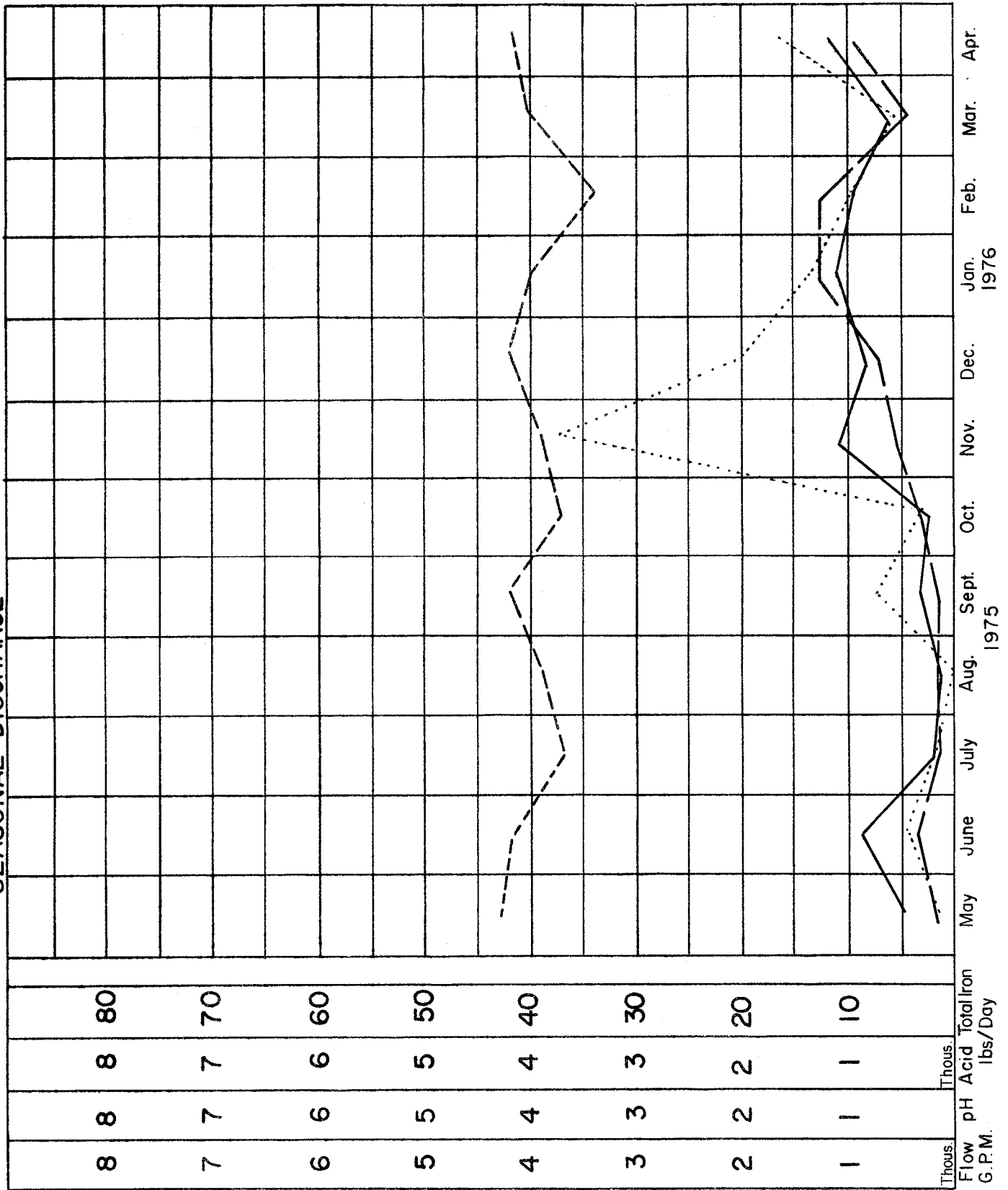
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 14

Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
8												
7												
6												
5												
4												
3												
2												
1												

SAMPLE DISCONTINUED

Flow G.P.M. pH Acid lbs./Day Total Iron lbs./Day

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	8	8												
700	7	7	7												
600	6	6	6												
500	5	5	5												
400	4	4	4												
300	3	3	3												
200	2	2	2												
100	1	1	1												

Project Area
Stream No. 15

Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day

Project Area
Stream No. 15A

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800			---									
700												
600			---									
500												
400											
300												
200												
100												
Flow G.P.M.												
pH												
Acid lbs./Day	8	8	8	7	7	7	6	6	5	5	4	4
Total Iron lbs./Day	8	8	8	7	7	7	6	6	5	5	4	4

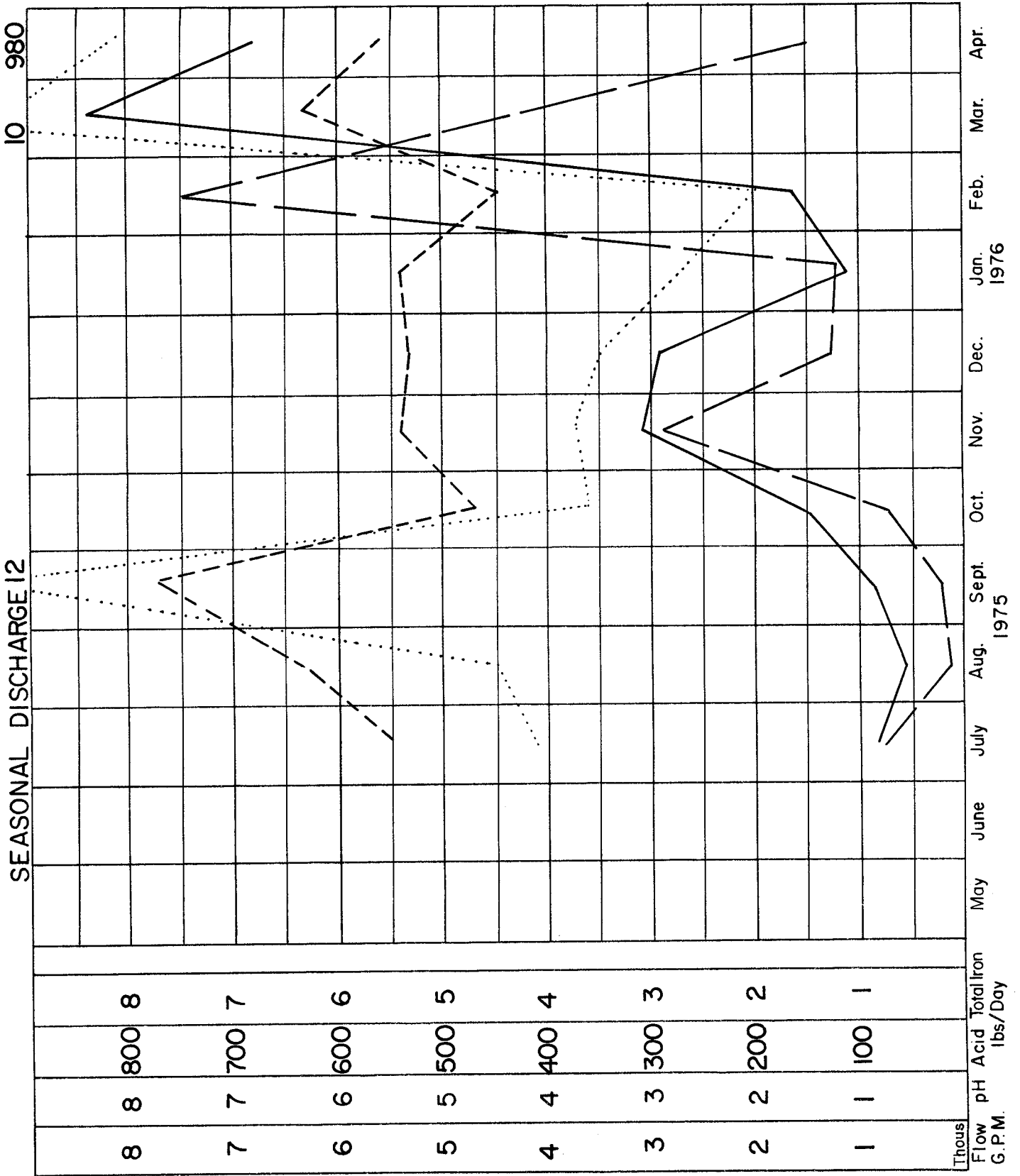
SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	80	8												
700	7	70	7												
600	6	60	6												
500	5	50	5												
400	4	40	4												
300	3	30	3												
200	2	20	2												
100	1	10	1												

Project Area
 Stream No. 15 B
 Flow G.P.M.
 pH
 Acid lbs./Day
 Total Iron lbs./Day

Project Area
Stream No. 16

Flow G.P.M. _____
pH _____
Acid lbs./Day _____
Total Iron lbs./Day _____



SEASONAL DISCHARGE

Project Area
Stream No. 16 A

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Flow G.P.M.												
pH												
Acid lbs./Day												
Total Iron lbs./Day												
800												
700												
600												
500												
400												
300												
200												
100												

Project Area
Stream No. 16 B

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	80	8												
700	7	70	7												
600	6	60	6												
500	5	50	5			-----									
400	4	40	4												
300	3	30	3												
200	2	20	2			=====									
100	1	10	1											

Project Area
Stream No. 17

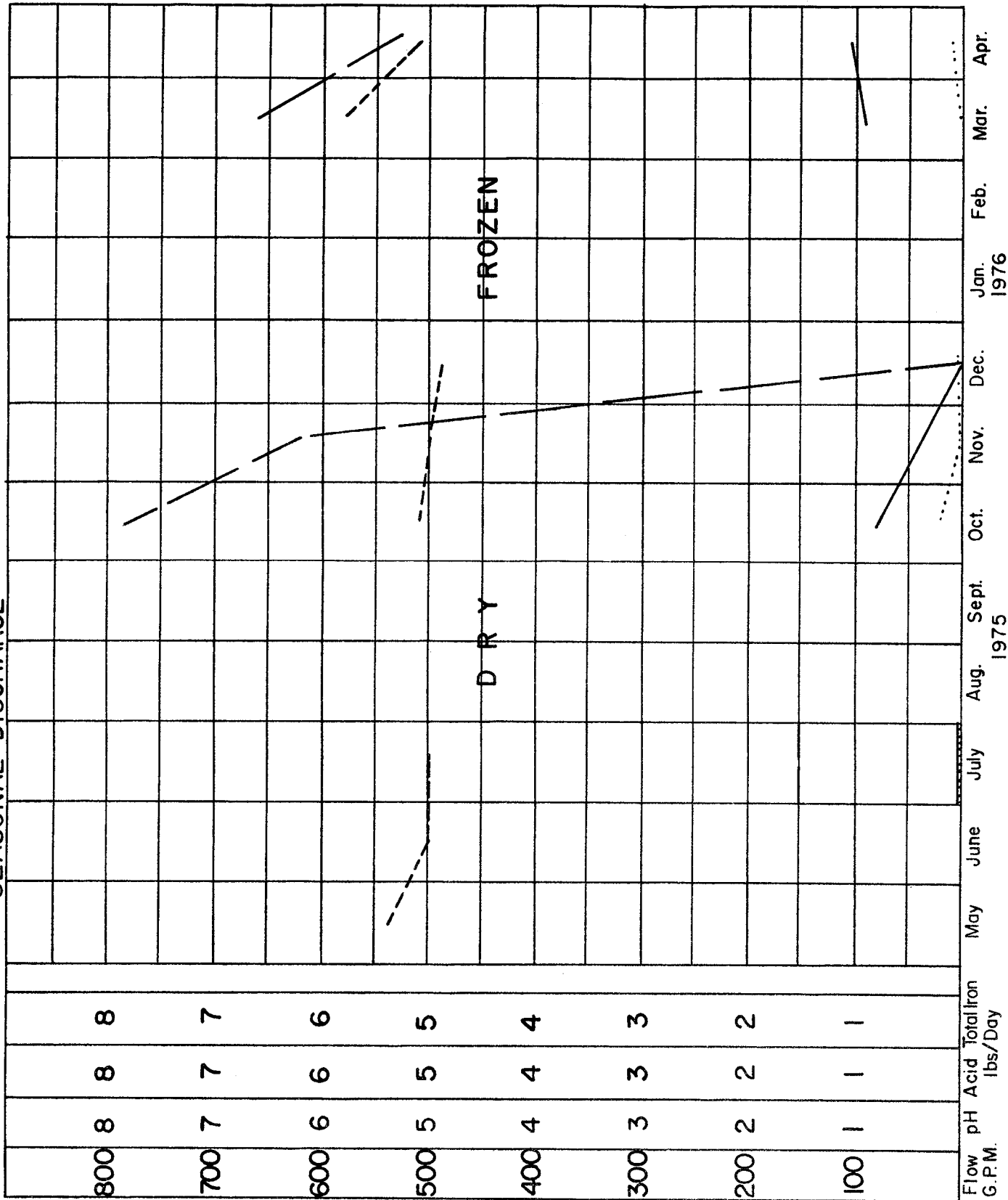
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 18

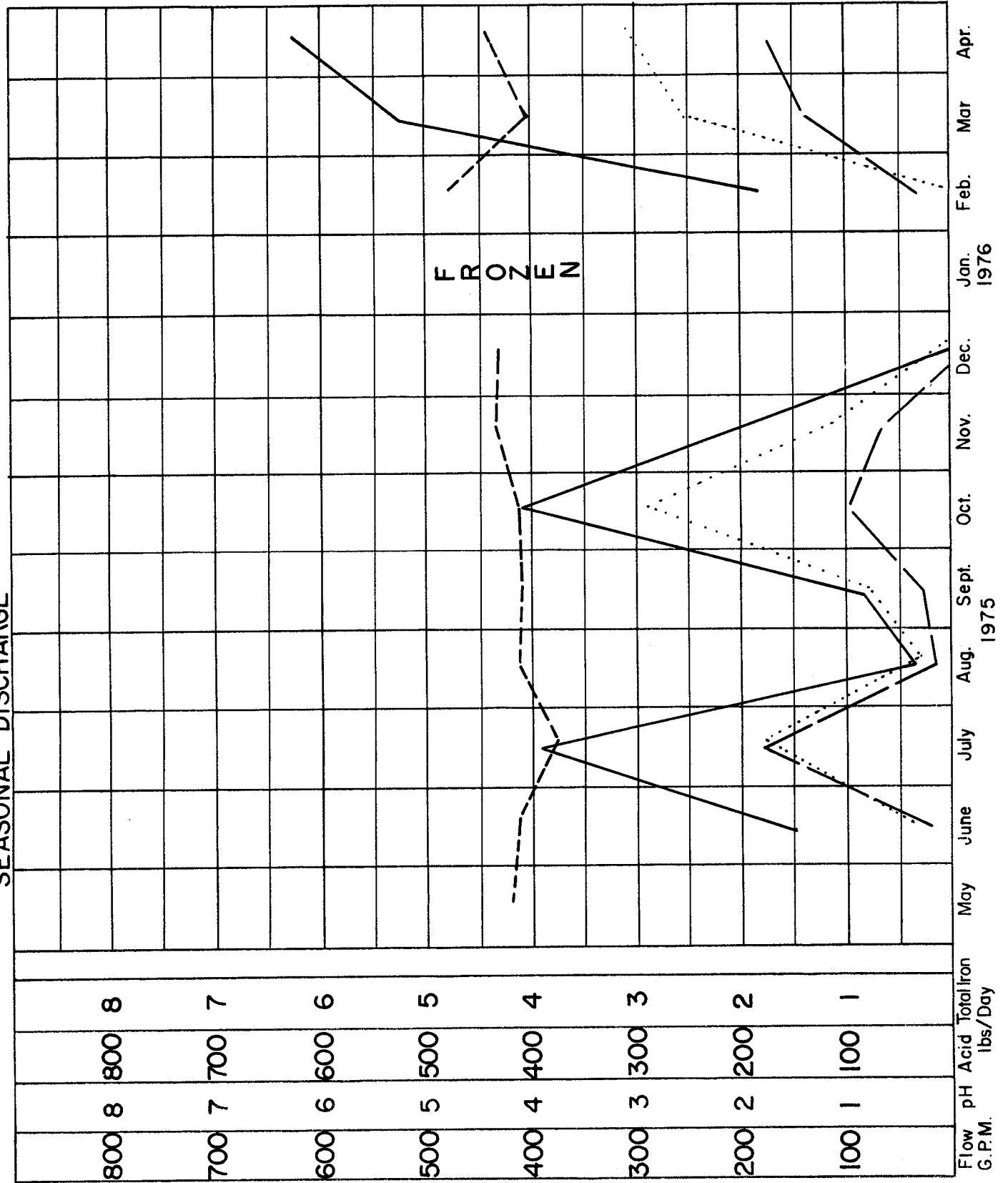
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 19

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	80	8												
700	7	70	7												
600	6	60	6												
500	5	50	5												
400	4	40	4												
300	3	30	3												
200	2	20	2												
100	1	10	1												

Flow G.P.M. _____
pH _____
Acid lbs./Day _____
Total Iron lbs./Day _____

Project Area
Stream No. 20

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	80	8												
700	7	70	7												
600	6	60	6												
500	5	50	5												
400	4	40	4												
300	3	30	3												
200	2	20	2												
100	1	10	1												

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day _____

May

June

July

Aug.

Sept.

Oct.

Nov.

Dec.

Jan.

Feb.

Mar.

Apr.

1976

1975

Project Area
Stream No. 21

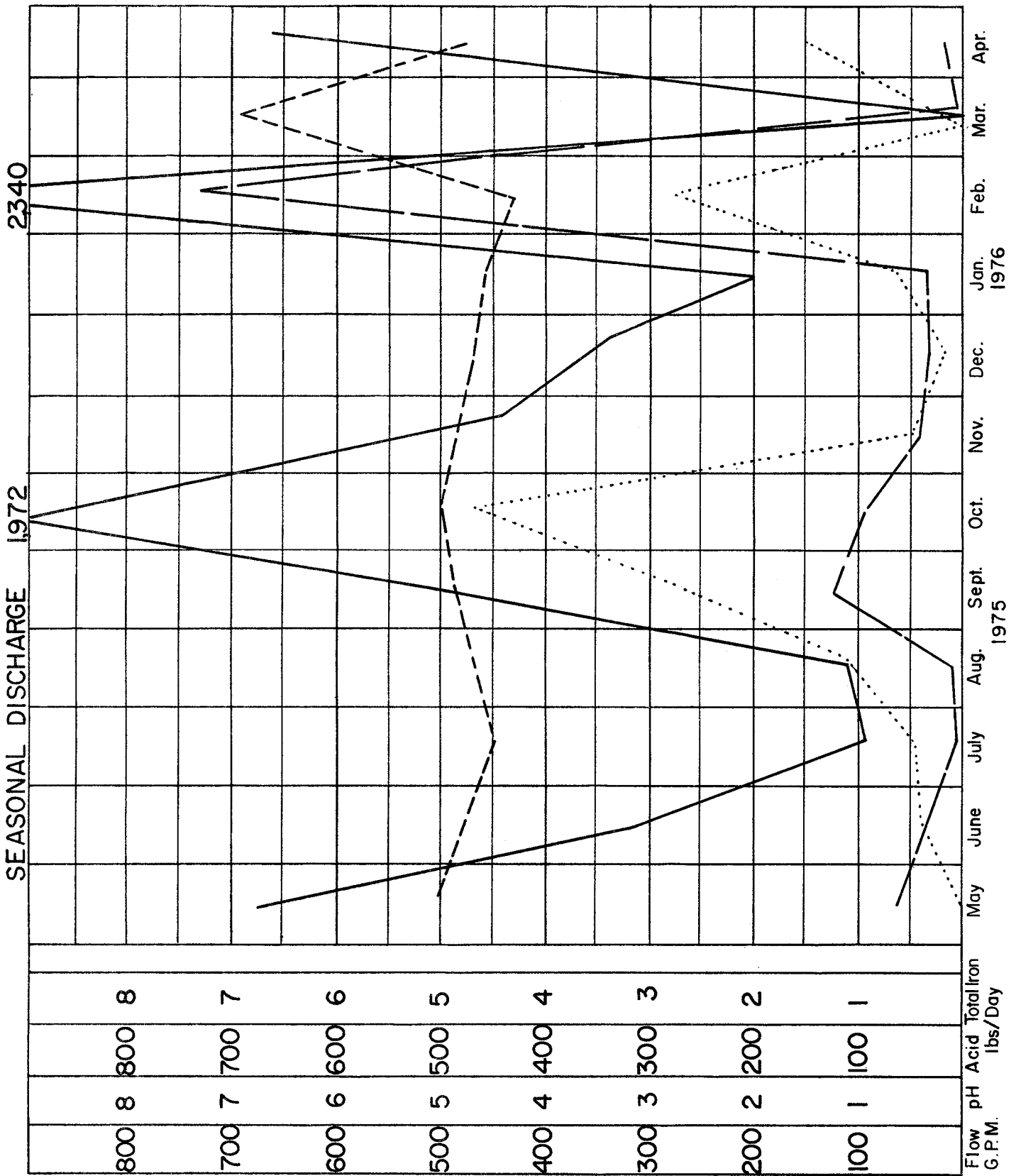
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day _____

.....



Project Area
Stream No. 22

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
80	8	8	8													
70	7	7	7													
60	6	6	6													
50	5	5	5													
40	4	4	4													
30	3	3	3													
20	2	2	2													
10	1	1	1													

Project Area
Stream No. 23

Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
8												
7												
6												
5												
4												
3												
2												
1												
Thous.												
Flow G.P.M.												
pH												
Acid lbs./Day												
Total Iron lbs./Day												

Project Area
Stream No. 24

Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	80	8												
700	7	70	7			-----									
600	6	60	6			-----									
500	5	50	5			-----									
400	4	40	4												
300	3	30	3												
200	2	20	2												
100	1	10	1			-----									

Project Area
Stream No. 24 A

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
80												
70												
60												
50												
40												
30												
20												
10												

Flow G.P.M. _____
pH _____
Acid lbs./Day _____
Total Iron lbs./Day _____

Project Area
Stream No. 24B

Flow G.P.M. _____

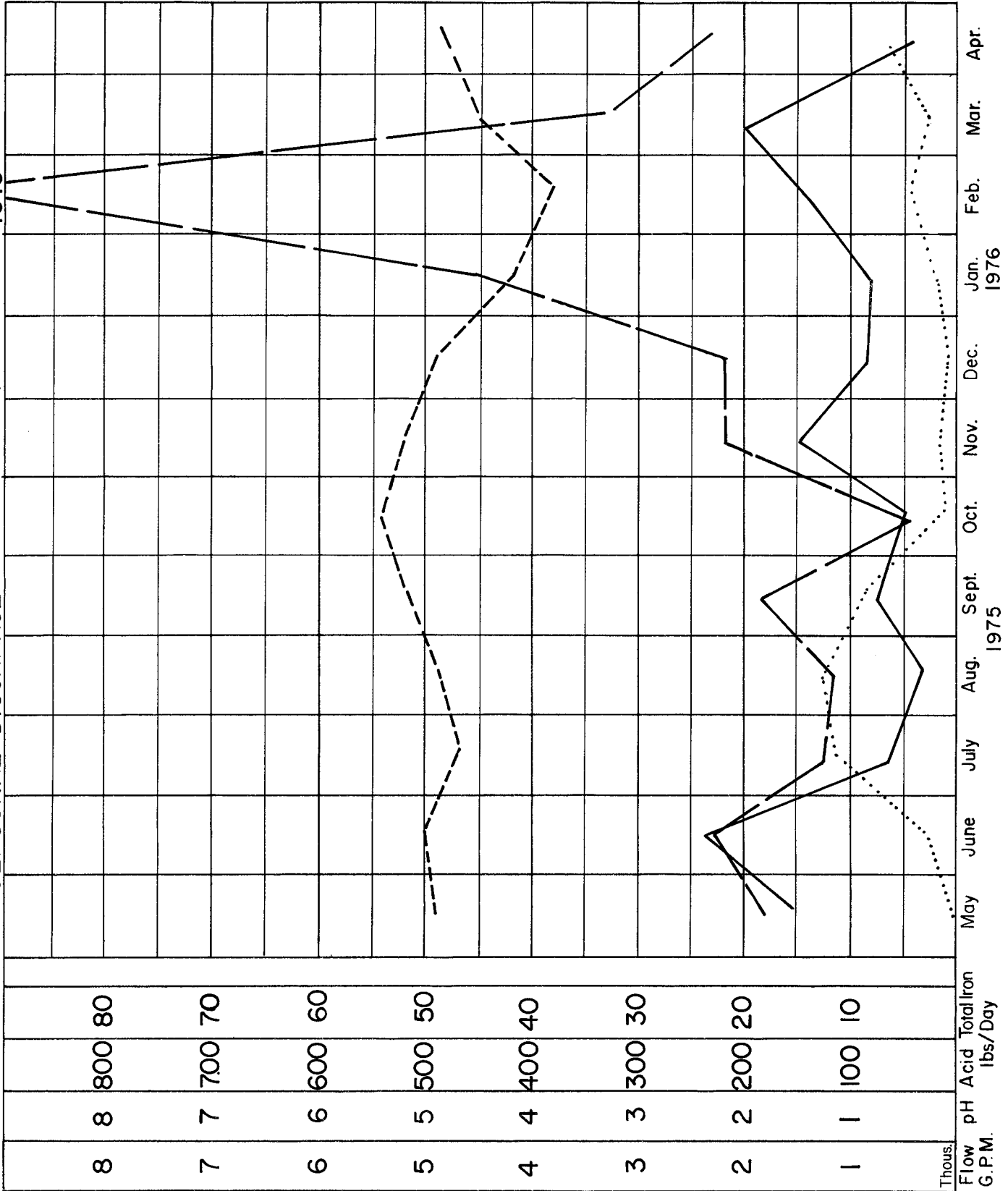
pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

1013



Project Area
Stream No. 25

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
8												
7												
6												
5												
4												
3												
2												
1												
Flow G.P.M.												
pH												
Acid lbs./Day												
Total Iron lbs./Day												

SAMPLE DISCONTINUED

Project Area
Stream No. 26

Flow G.P.M. _____
pH _____
Acid lbs./Day _____
Total Iron lbs./Day

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
800	8	80	8												
700	7	70	7												
600	6	60	6												
500	5	50	5												
400	4	40	4												
300	3	30	3												
200	2	20	2												
100	1	10	1												

Project Area
Stream No. 27

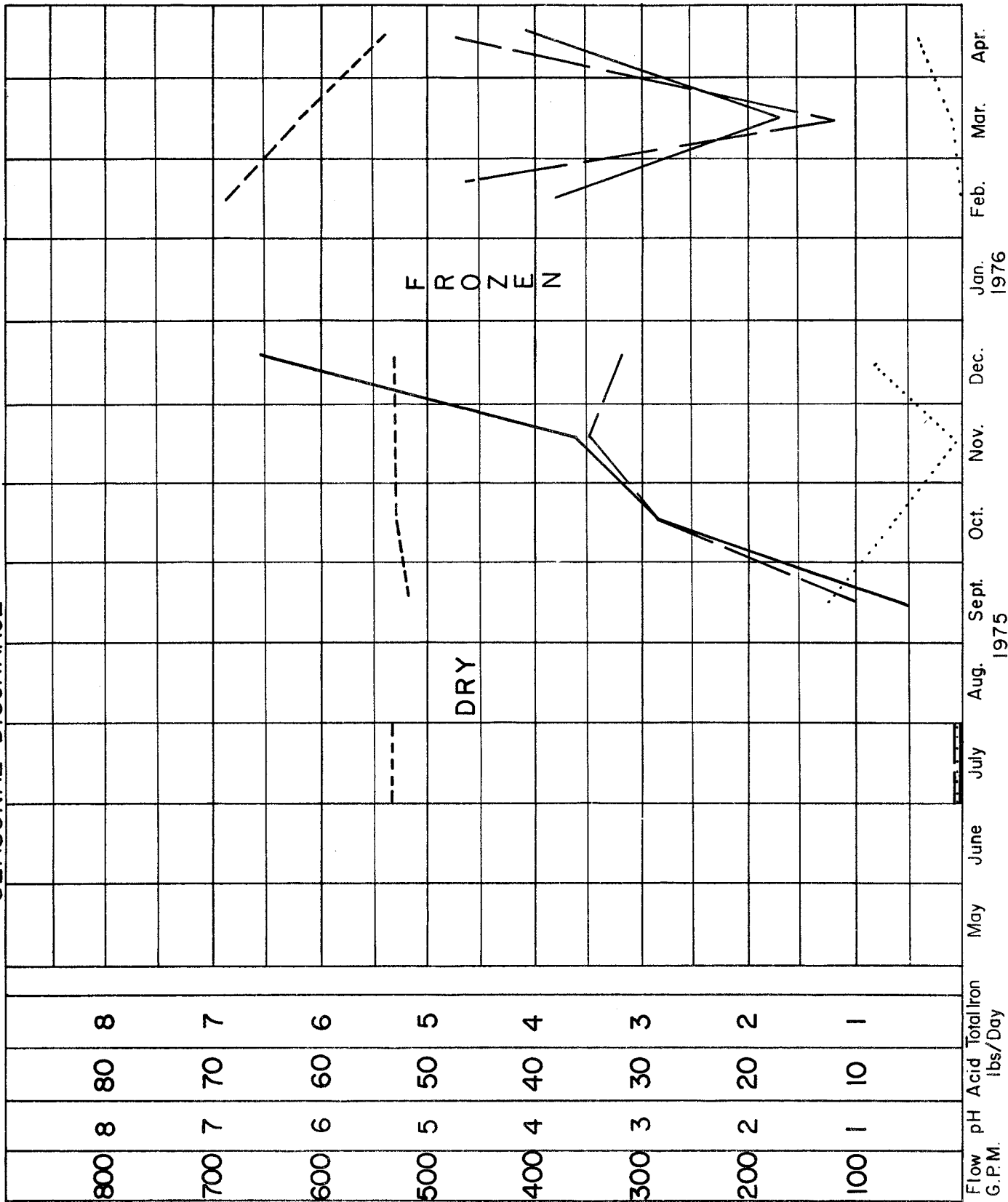
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 28

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
8												
7												
6												
5												
4												
3												
2												
1												
Thous.												
Flow G.P.M.												
pH												
Acid lbs./Day												
Total Iron lbs./Day												

Project Area
Stream No. 29

Flow G.P.M. _____

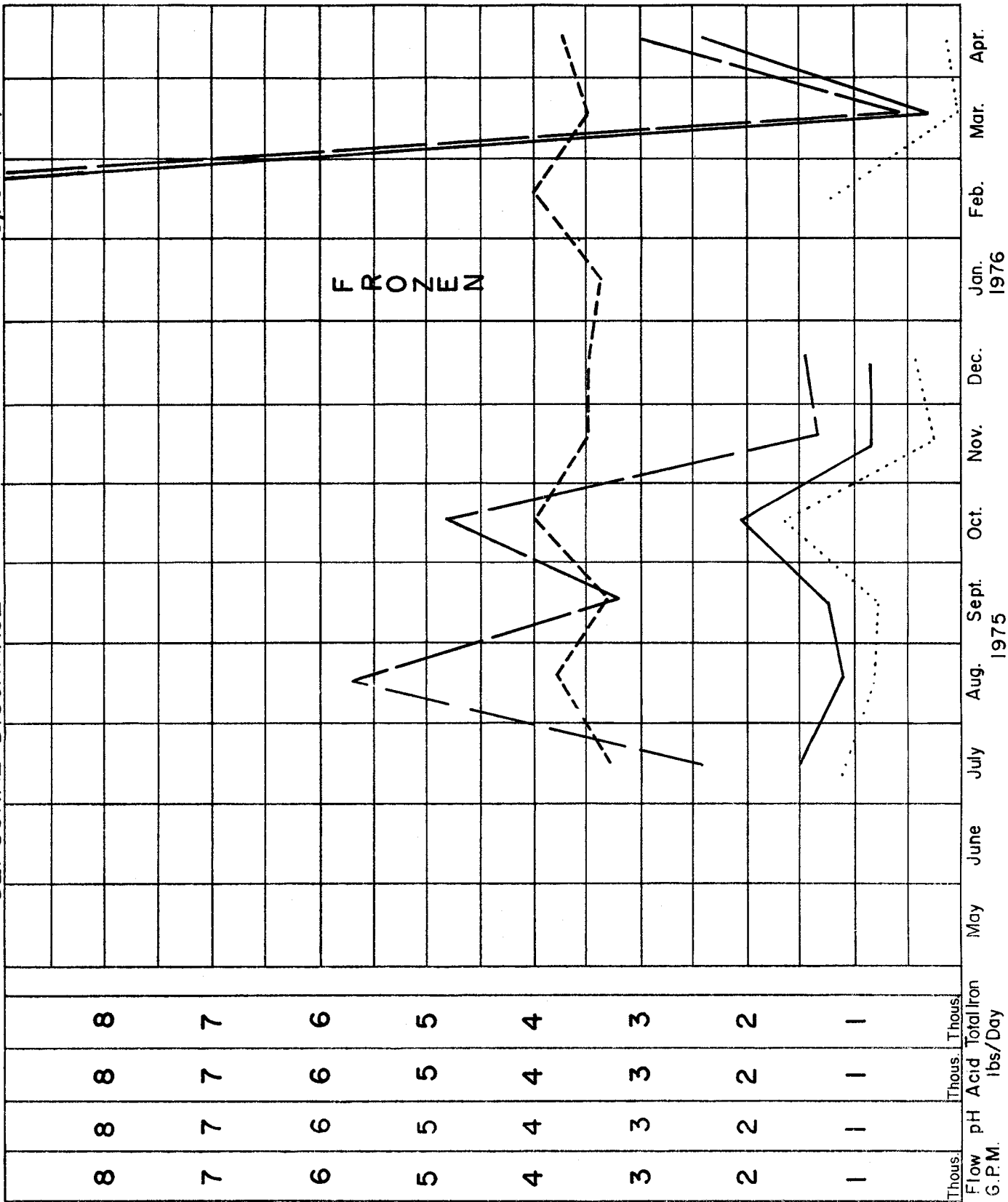
pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

13,864 (Acid.)
9,791 (Flow)

SEASONAL DISCHARGE

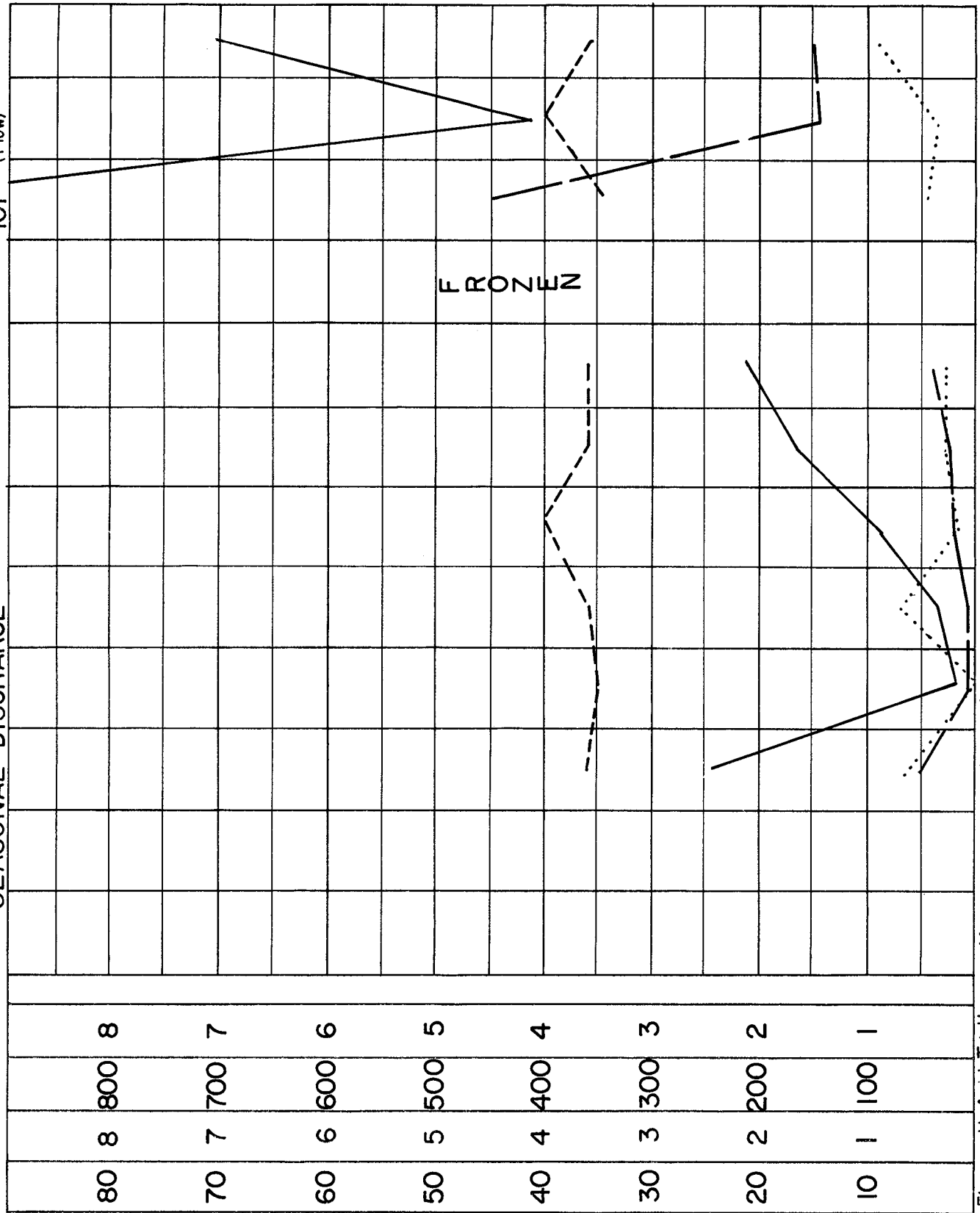


Project Area
Stream No. 30

Flow G.P.M. _____
 pH _____
 Acid lbs./Day _____
 Total Iron lbs./Day

SEASONAL DISCHARGE

IOI (Flow)



Project Area
Stream No. 31

Flow G.P.M.

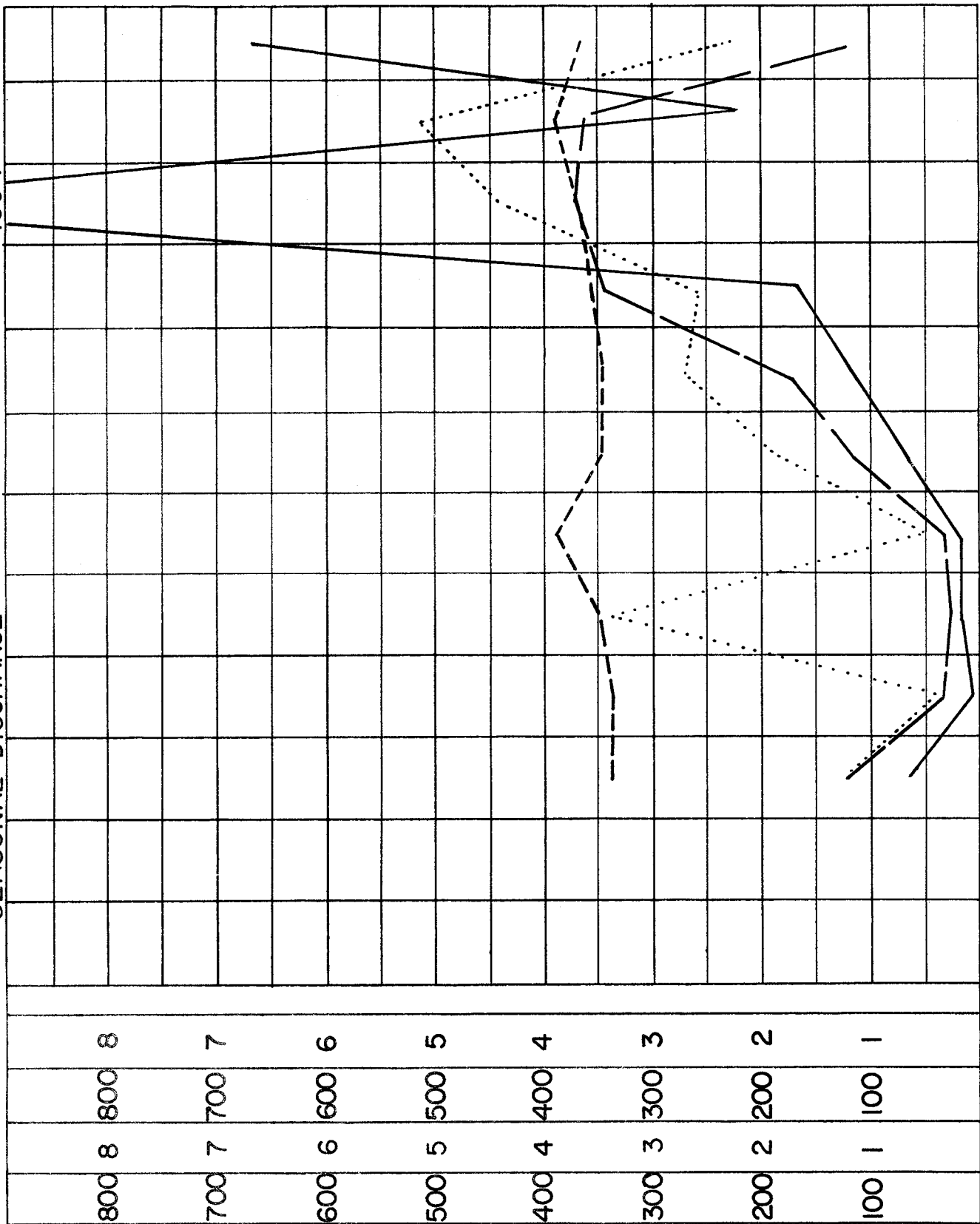
pH

Acid lbs./Day

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

1094



Flow G.P.M. pH Acid lbs./Day Total Iron lbs./Day

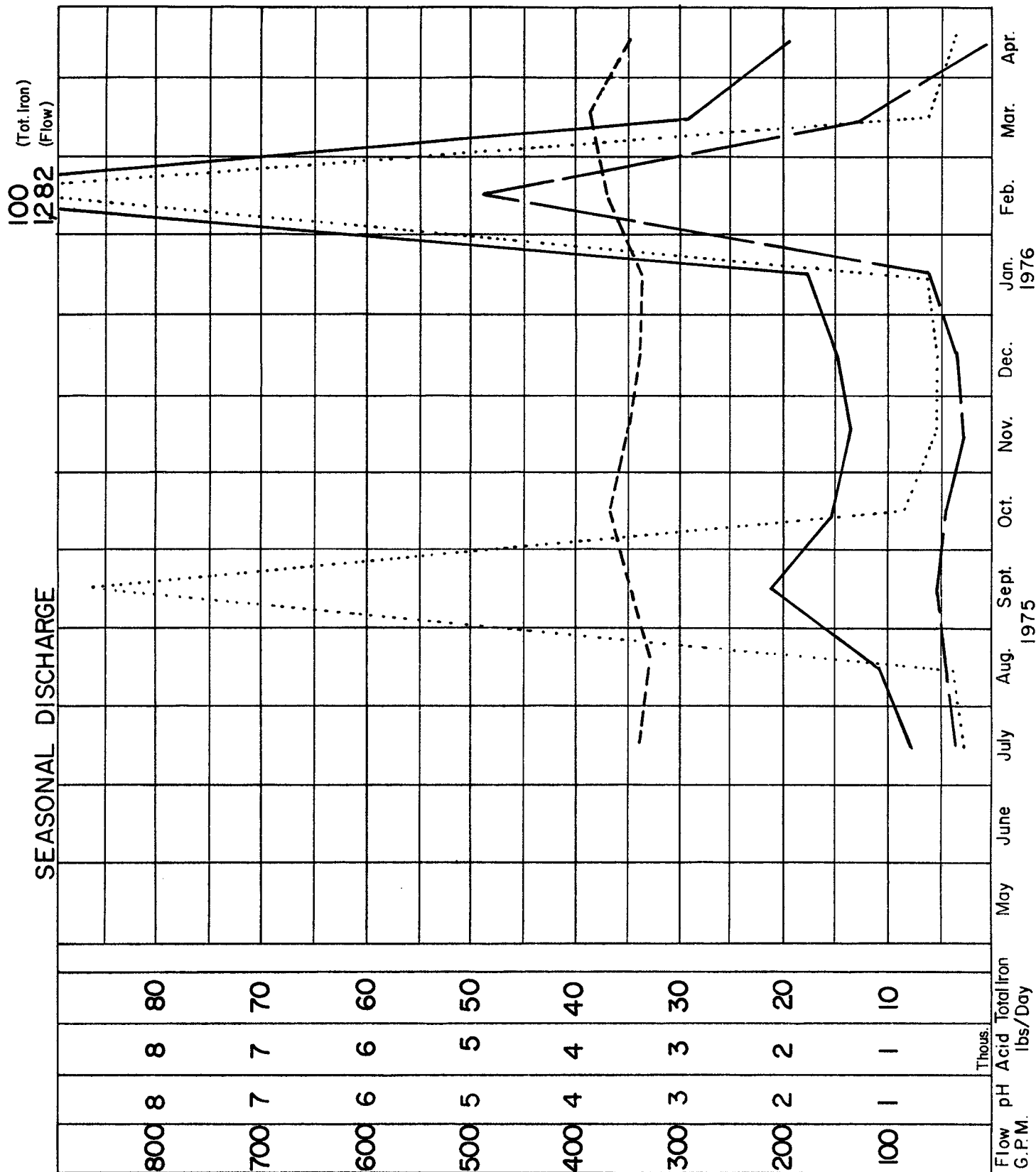
Project Area
Stream No. 32

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



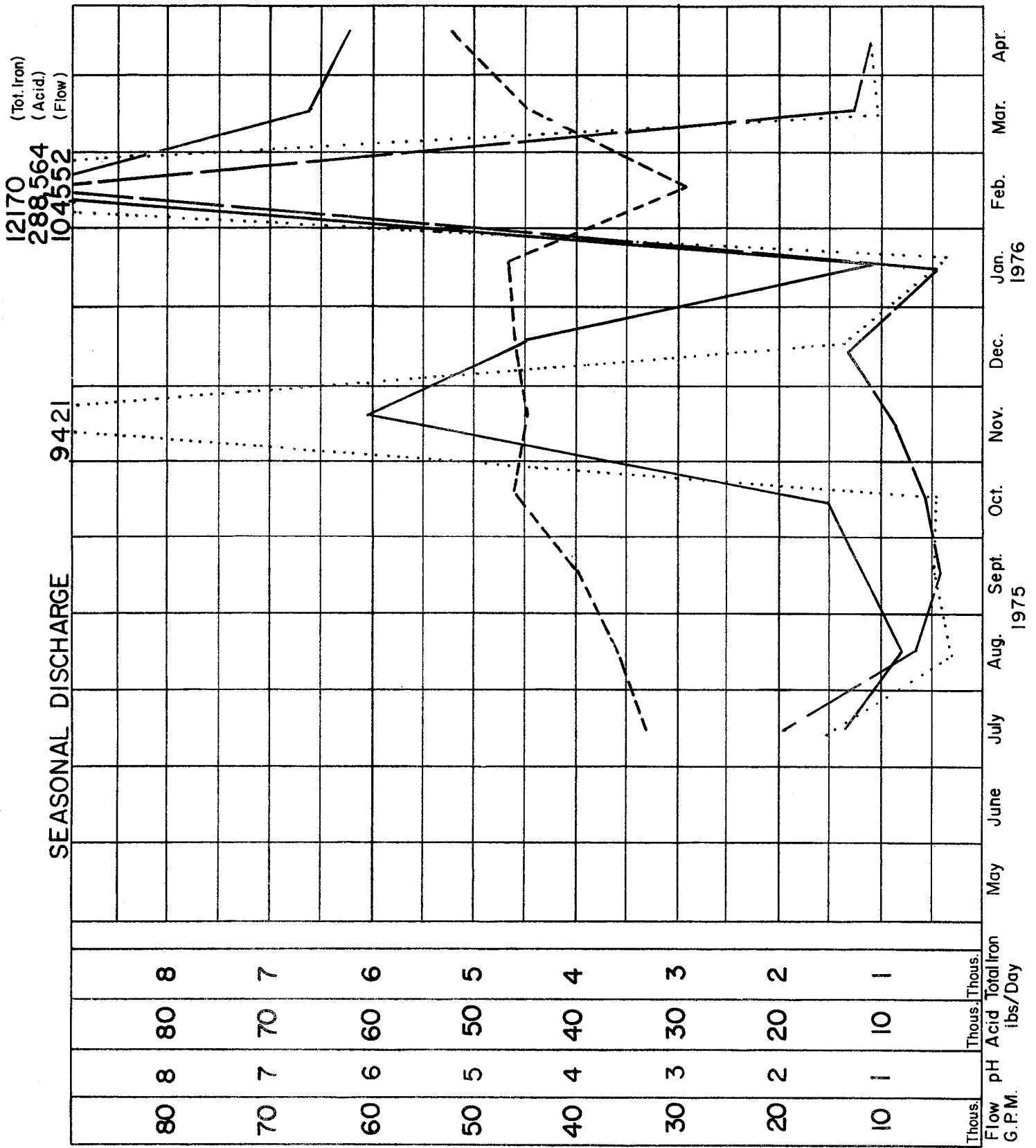
Project Area
Stream No. 33

Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day



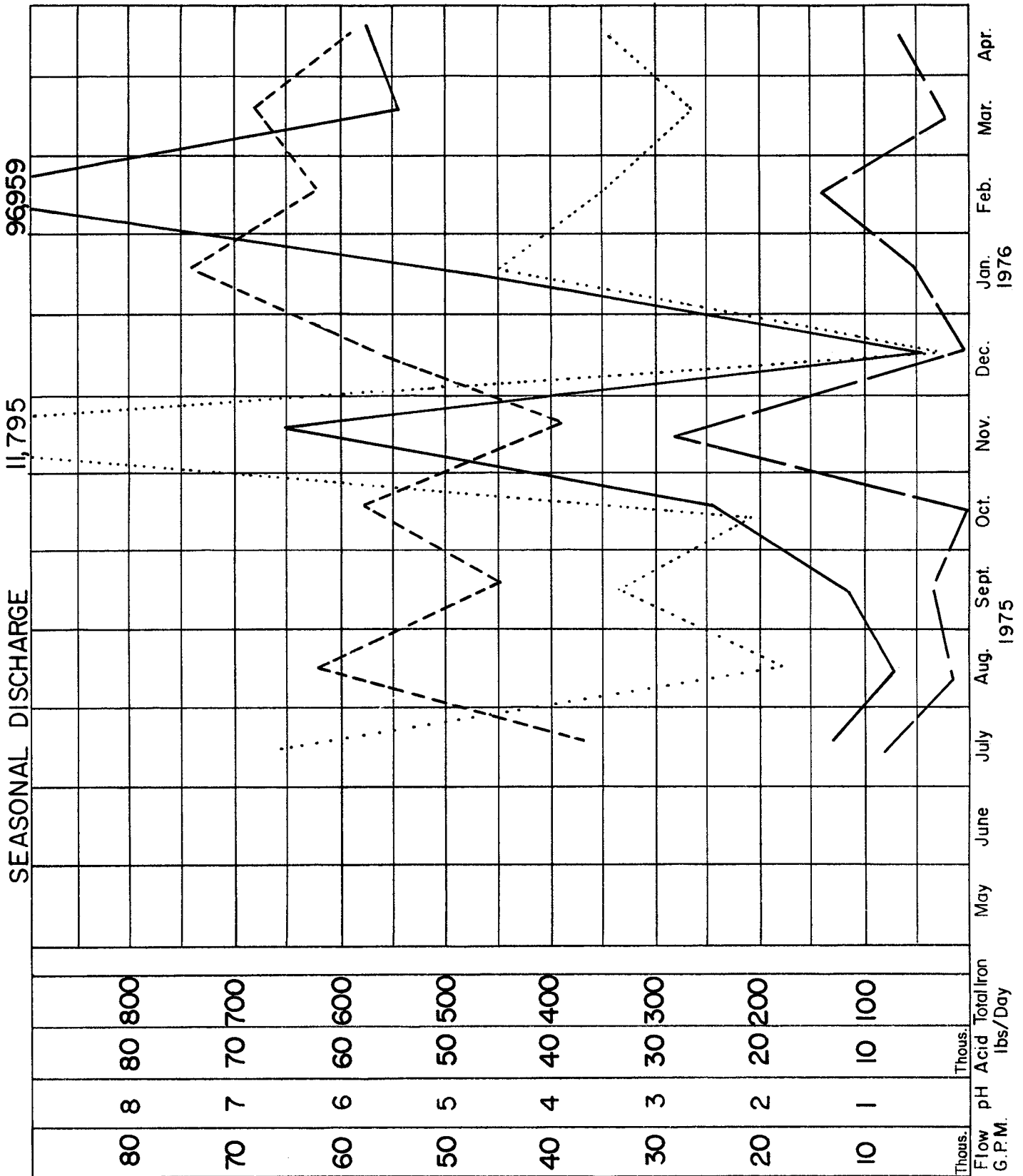
Project Area
Stream No. 34

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



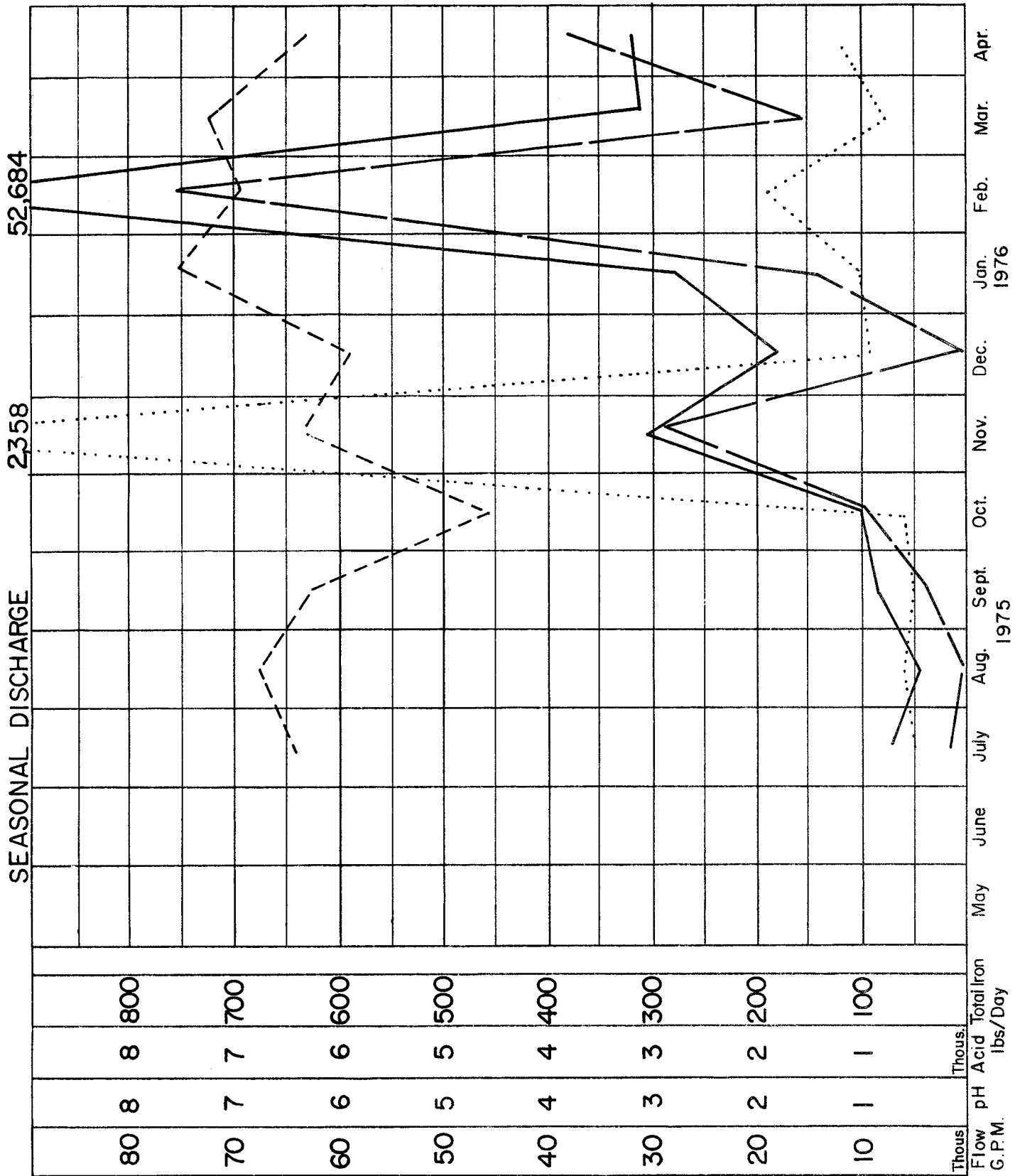
Project Area
Stream No. 35

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



Project Area
Stream No. 36

Flow G.P.M. _____

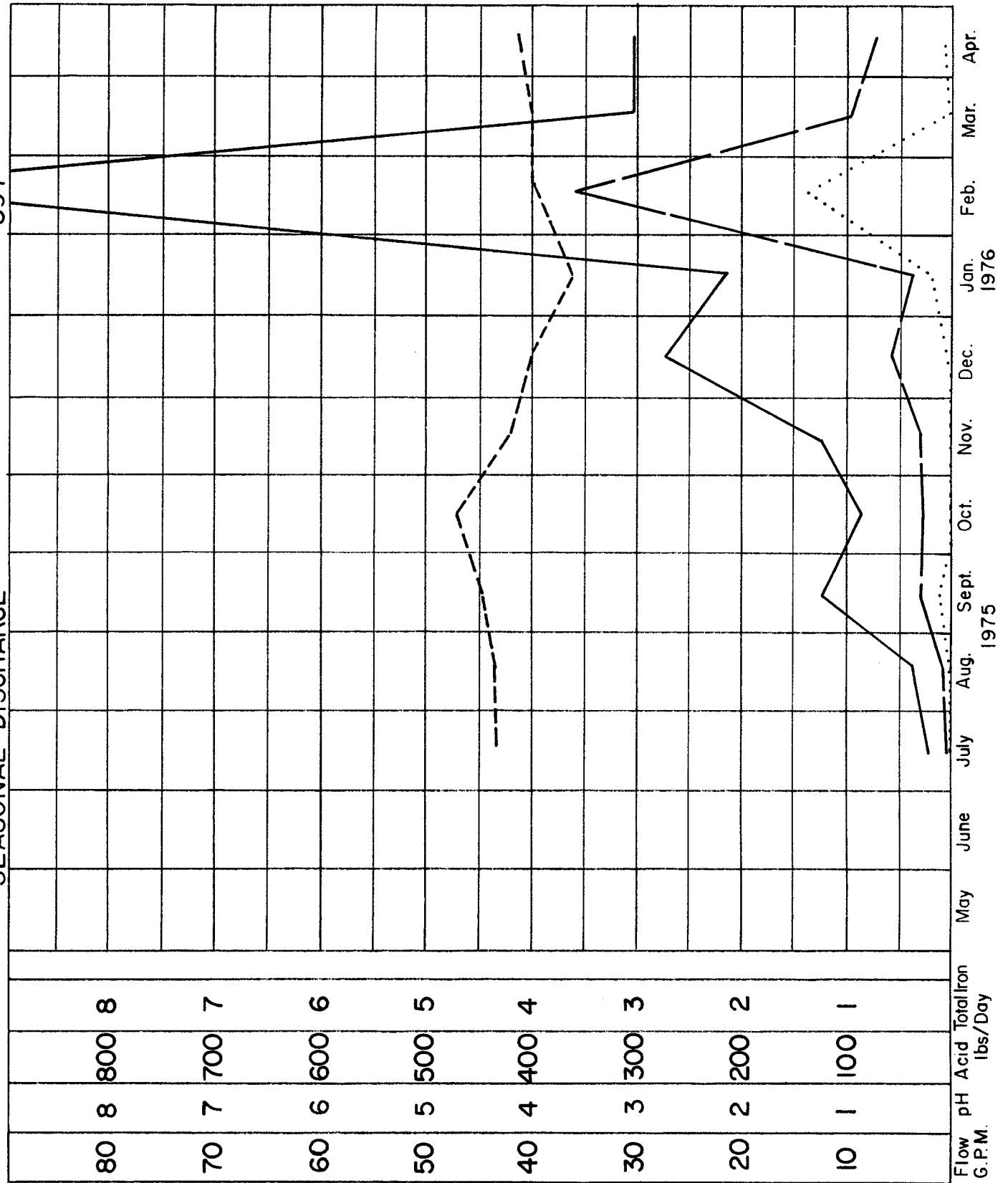
pH _____

Acid lbs./Day _____

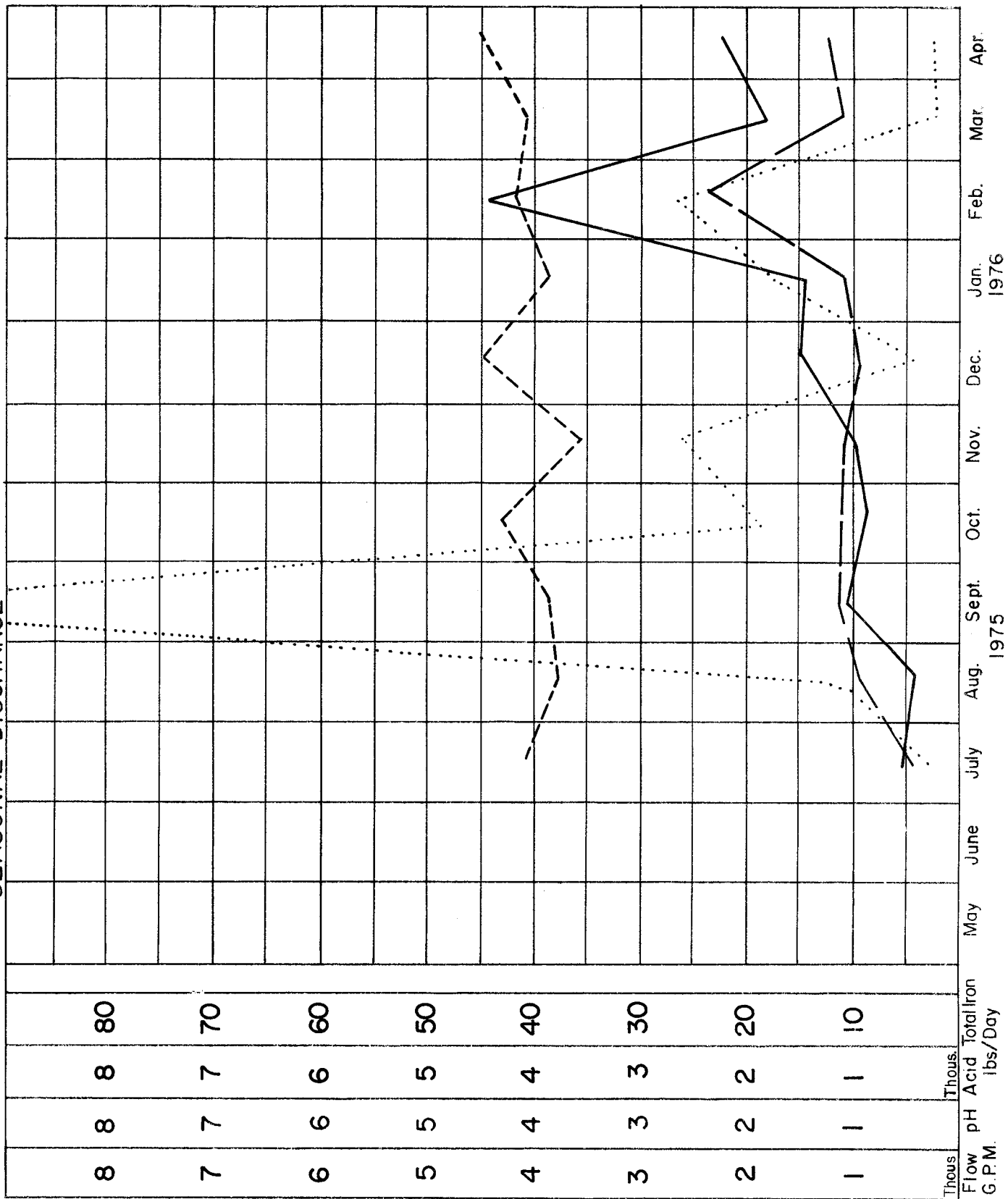
Total Iron lbs./Day
.....

SEASONAL DISCHARGE

397



166
SEASONAL DISCHARGE



Project Area
Stream No. 37

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

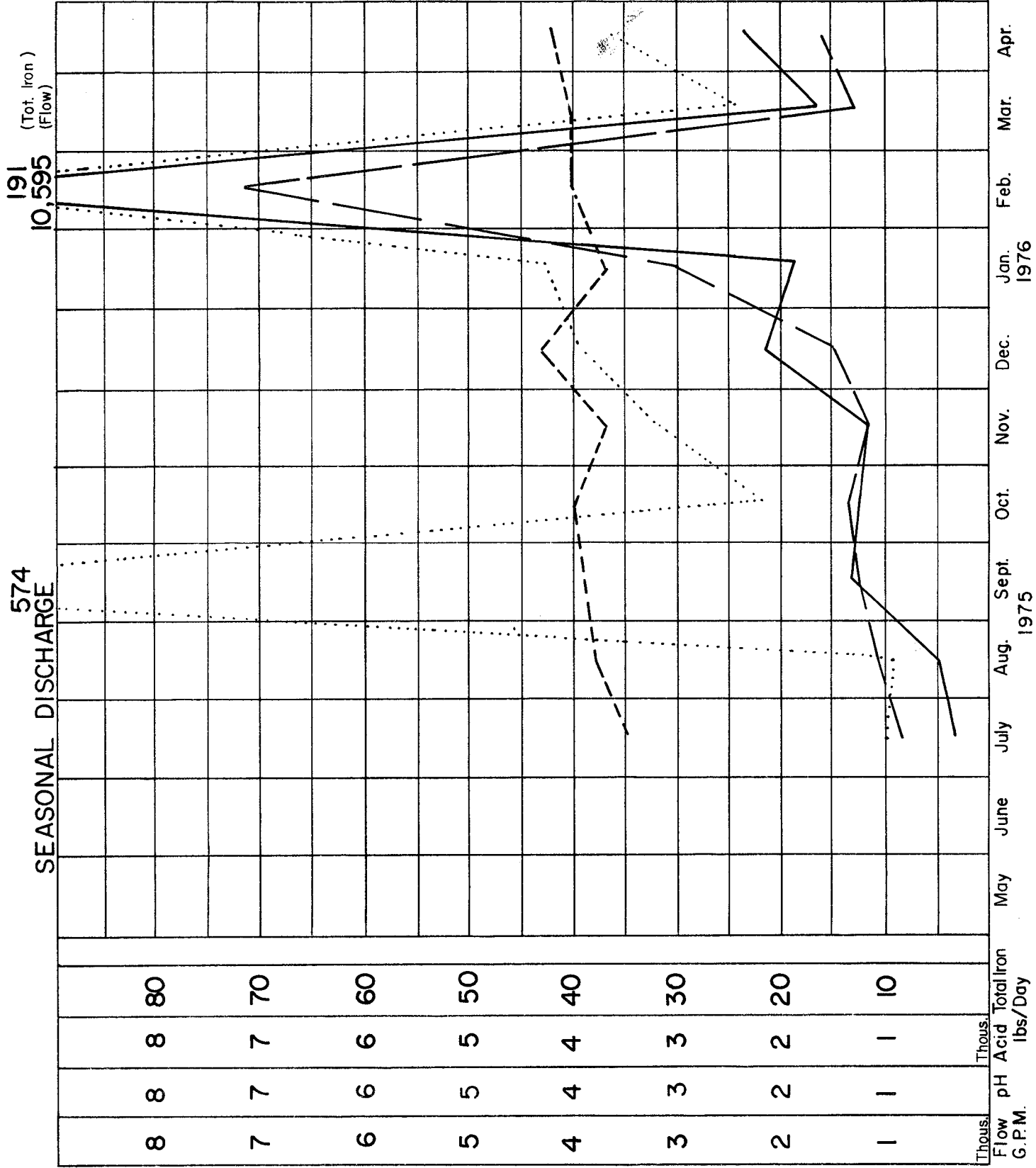
Project Area
Stream No. 38

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



Project Area
Stream No. 39

Flow G.P.M. _____
pH _____
Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

Flow G.P.M.	pH	Acid lbs./Day	Total Iron lbs./Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
80	8	8	8												
70	7	7	7												
60	6	6	6												
50	5	5	5												
40	4	4	4												
30	3	3	3												
20	2	2	2												
10	1	1	1												

Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day

1975

1976

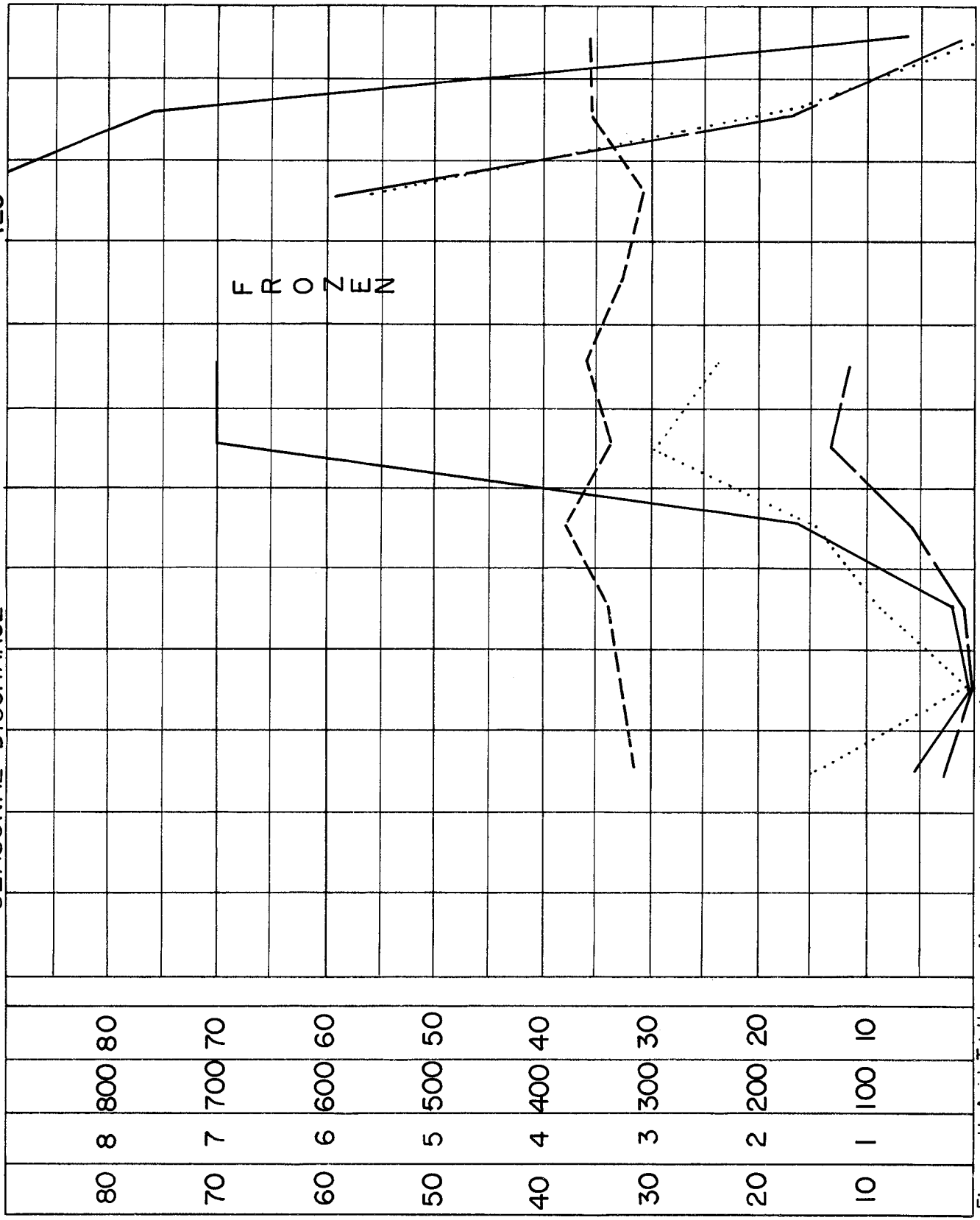
Project Area
Stream No. 40

Flow G.P.M. _____
 pH _____
 Acid lbs./Day _____
 Total Iron lbs./Day

SEASONAL DISCHARGE

123

ERONEN



Project Area
Stream No. 41

Flow G.P.M. _____

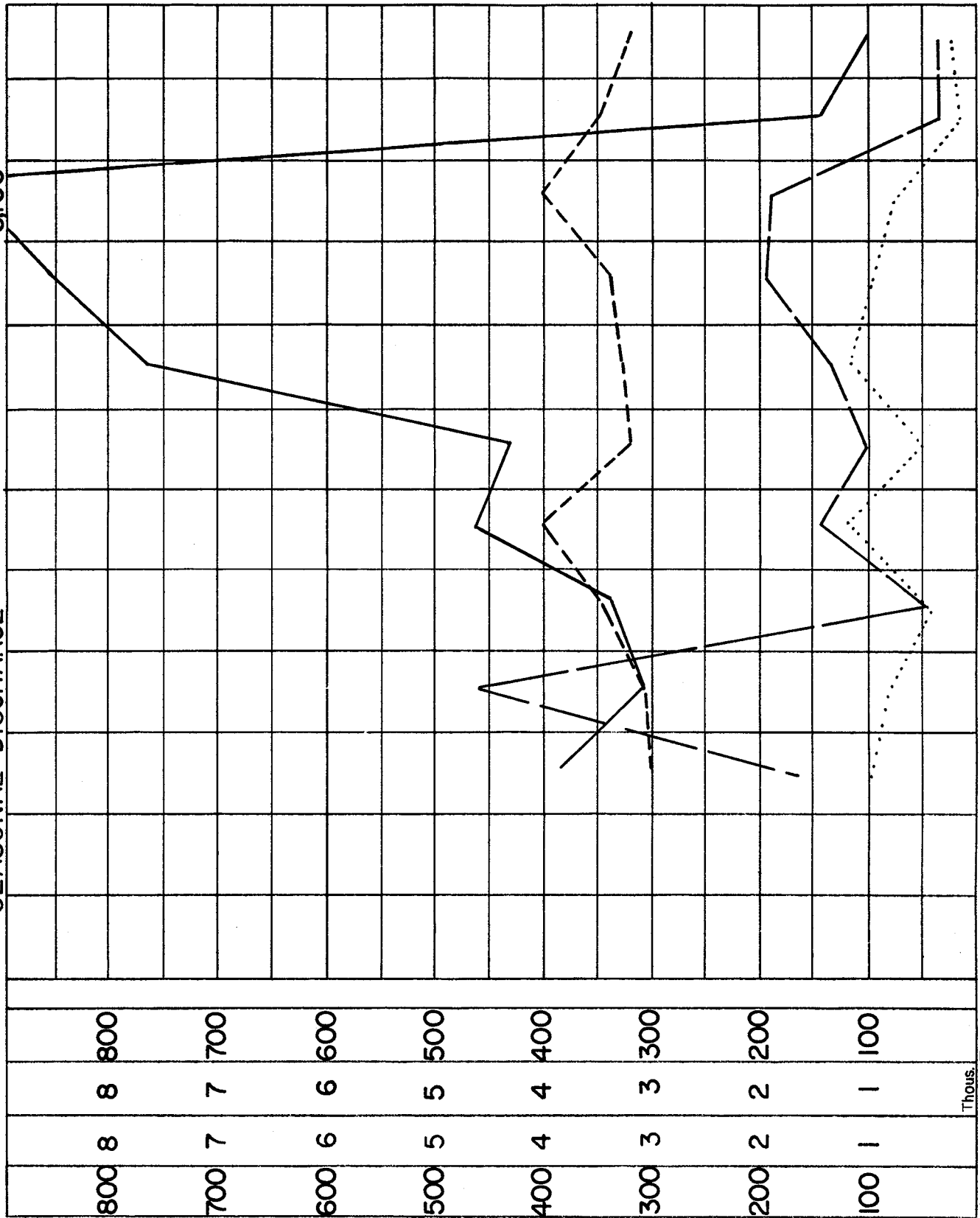
pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

3,166



Flow G.P.M. _____
pH _____
Acid lbs./Day _____
Total Iron lbs./Day _____
Thous.

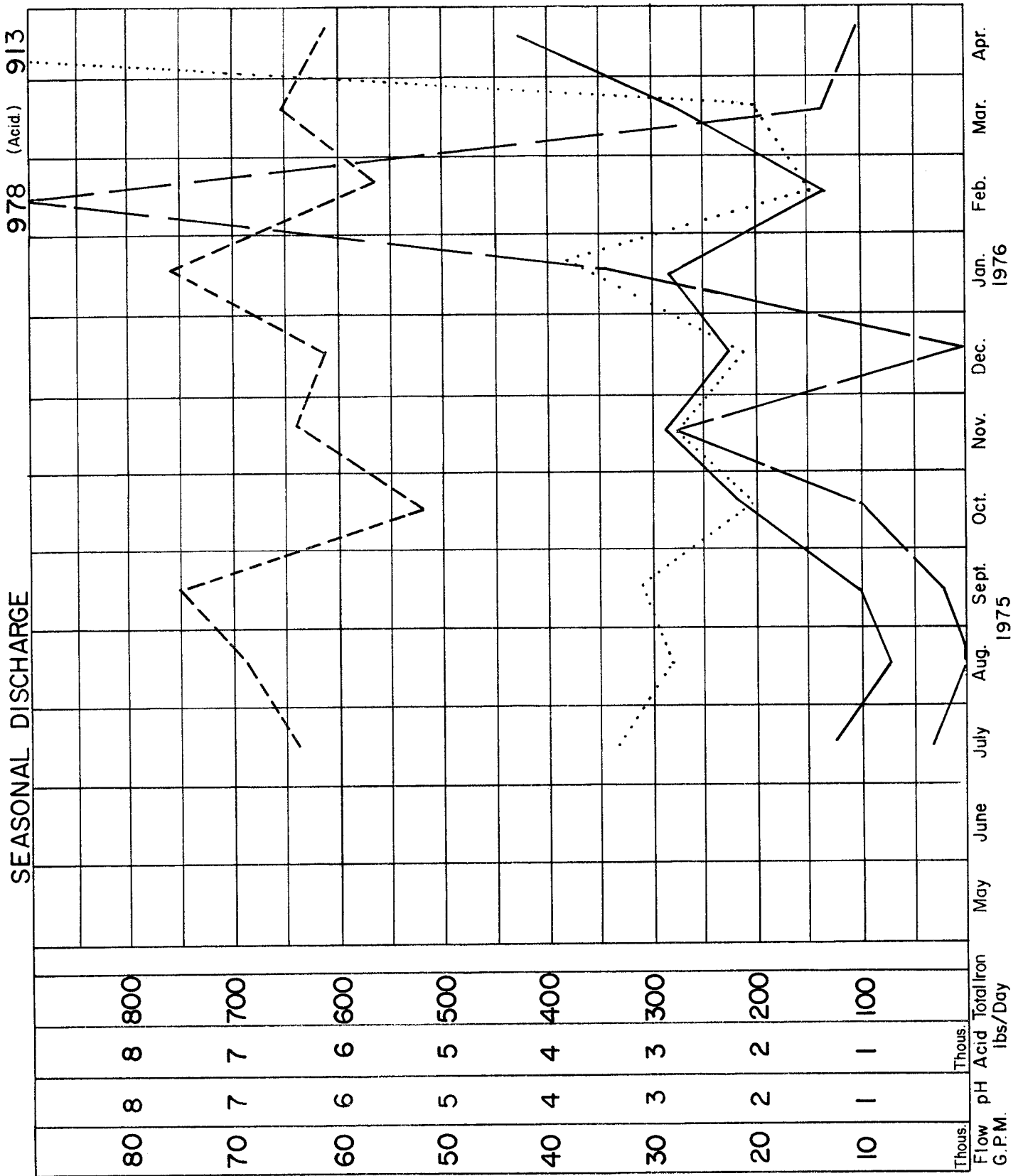
Project Area
Stream No. 42

Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....



Project Area
Stream No.43

Flow G.P.M. _____

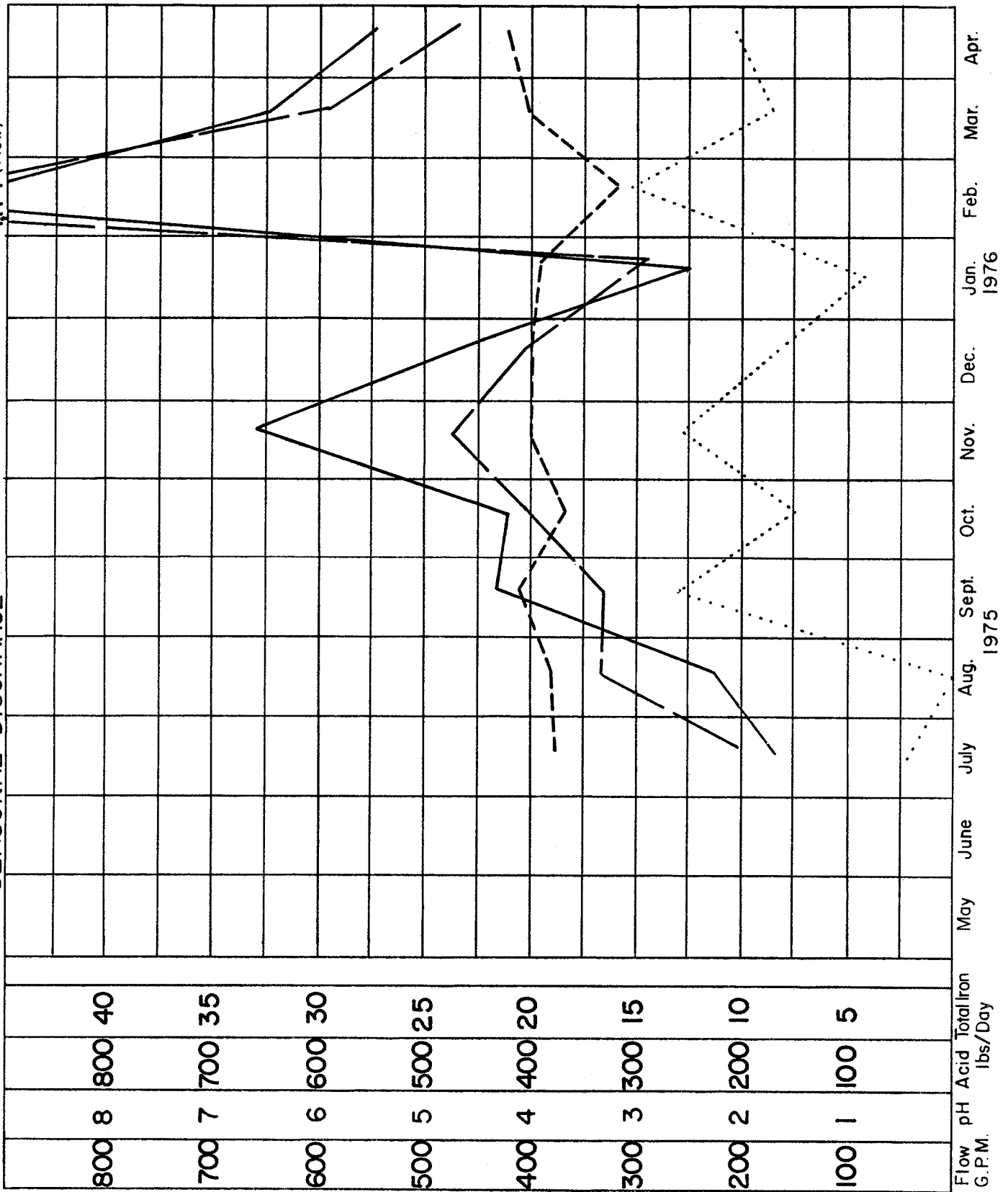
pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE

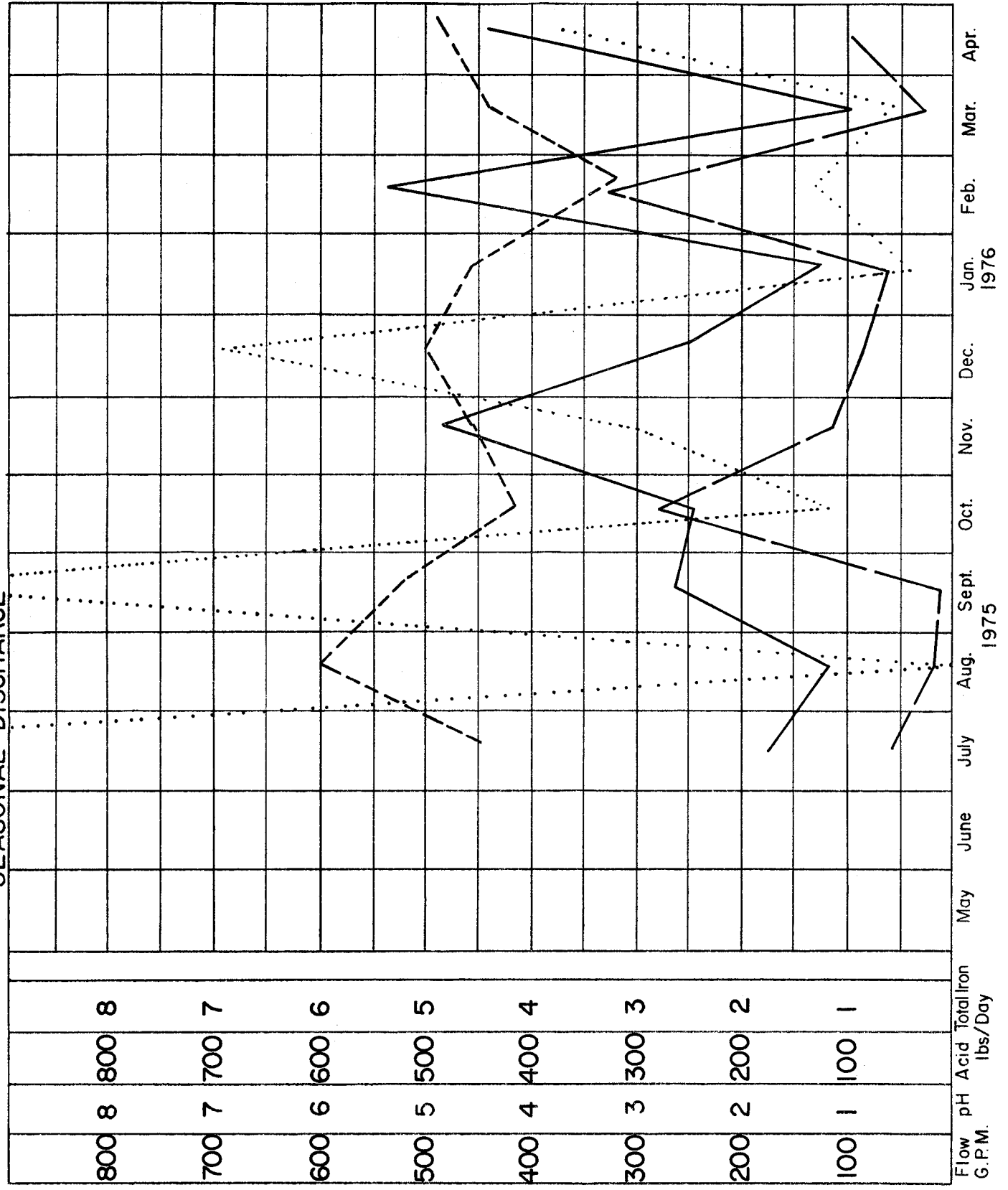
1604 (Acid.)
1114 (Flow)



38 II
SEASONAL DISCHARGE

Project Area
Stream No. 44

Flow G.P.M. _____
pH _____
Acid lbs./Day _____
Total Iron lbs./Day



Project Area
Stream No. 45

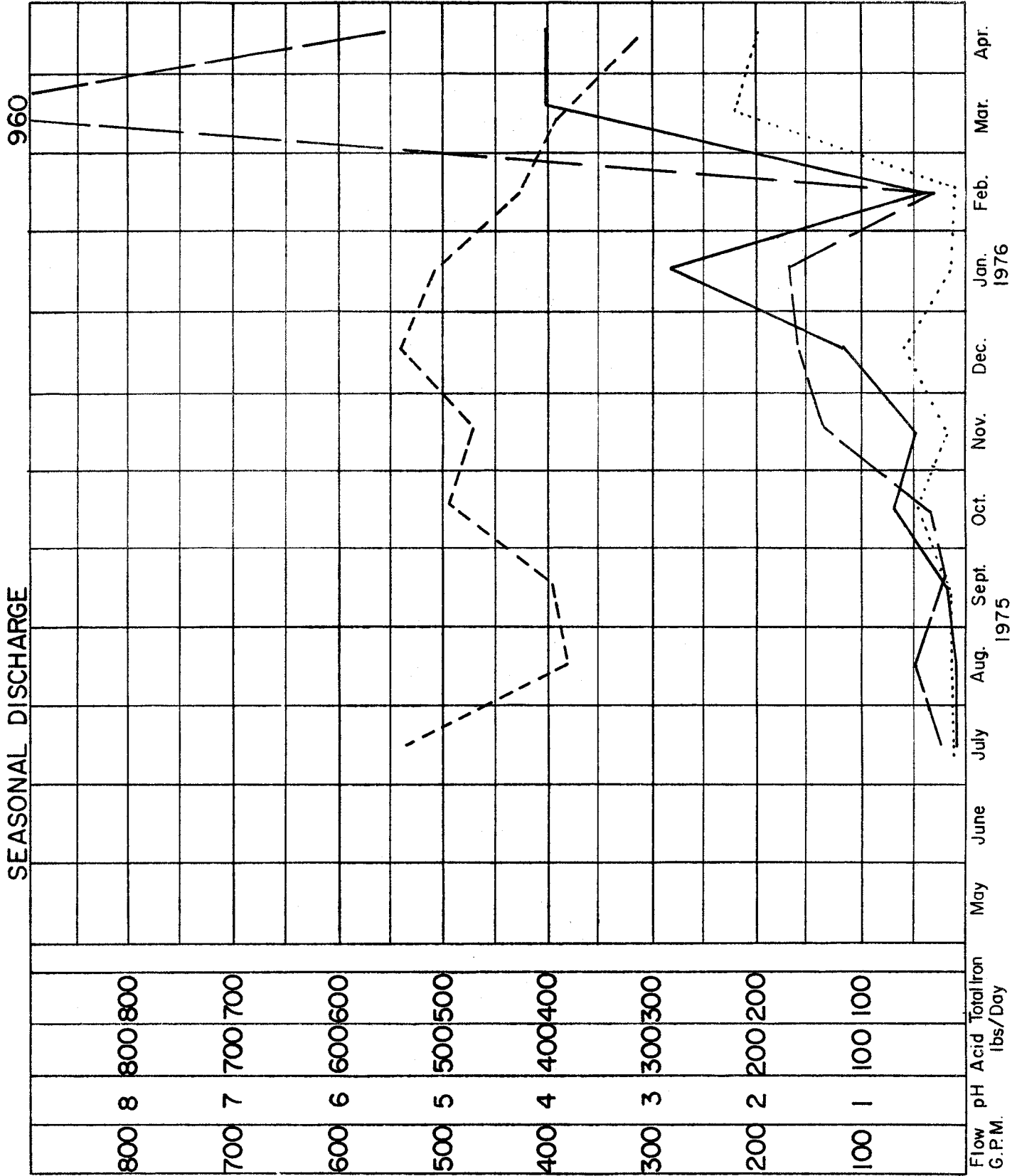
Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 46

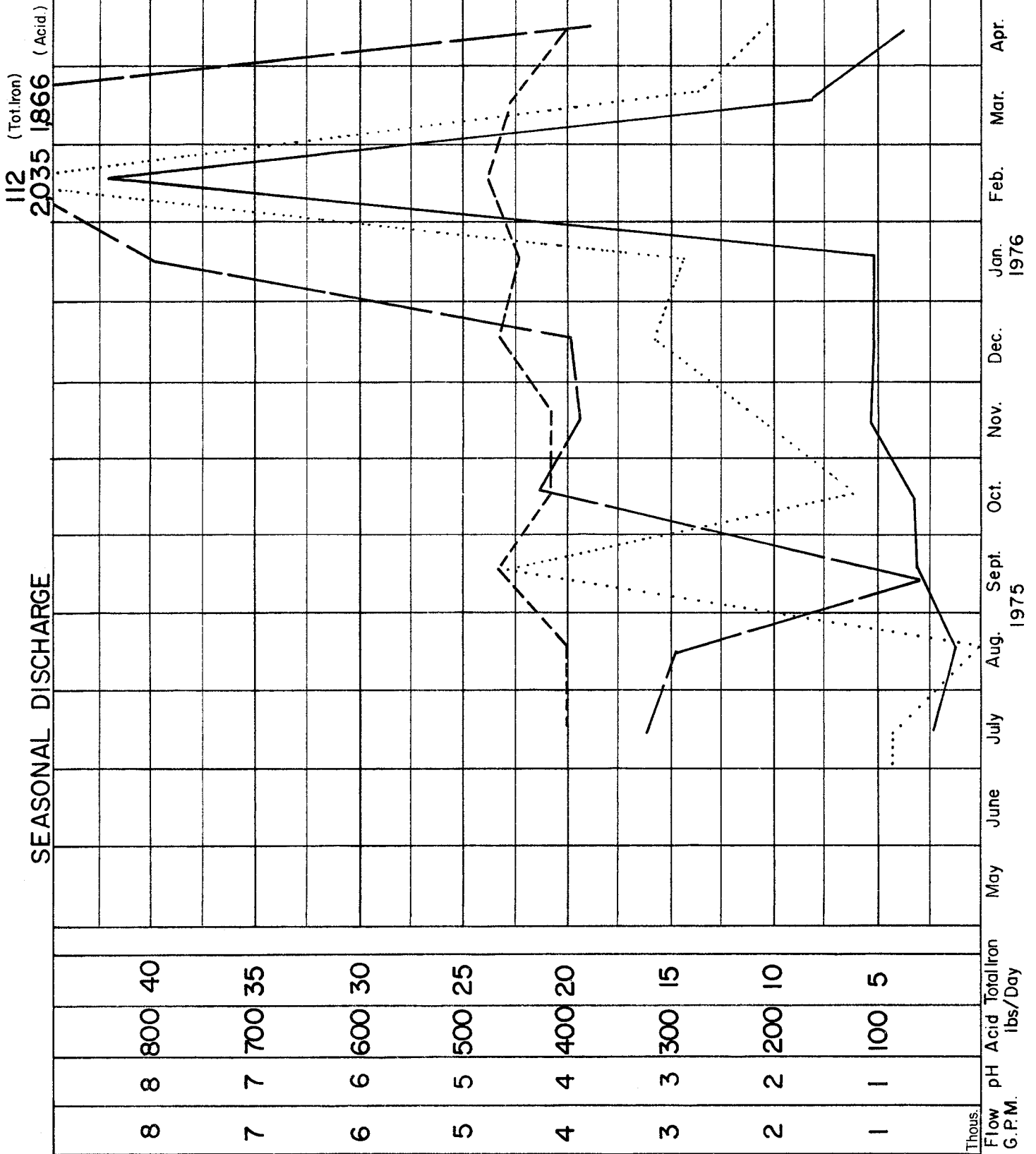
Flow G.P.M. _____

pH _____

Acid lbs./Day _____

Total Iron lbs./Day
.....

SEASONAL DISCHARGE



Project Area
Stream No. 47

Flow G.P.M.

pH

Acid lbs./Day

Total Iron lbs./Day

SEASONAL DISCHARGE

