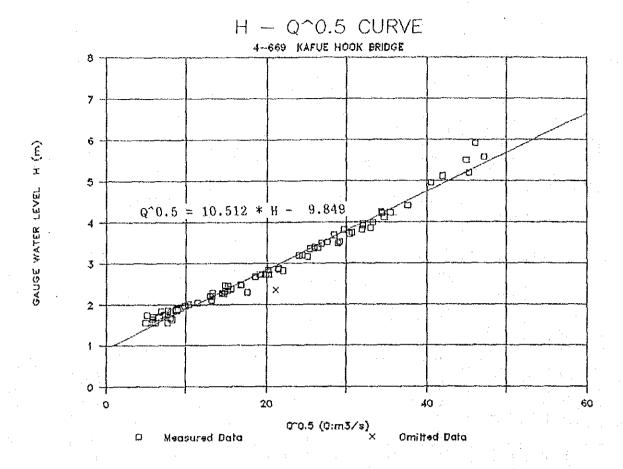
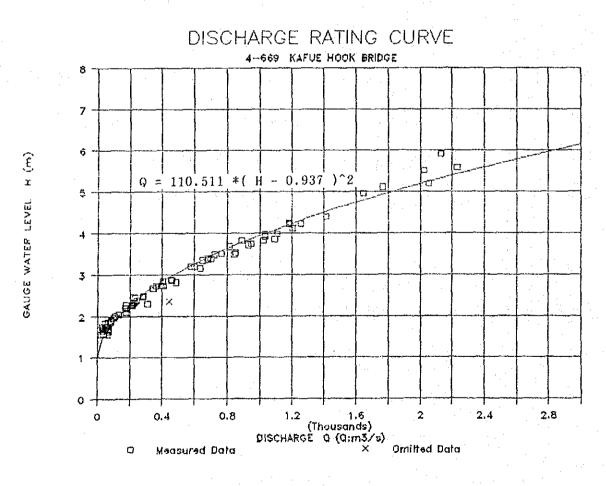
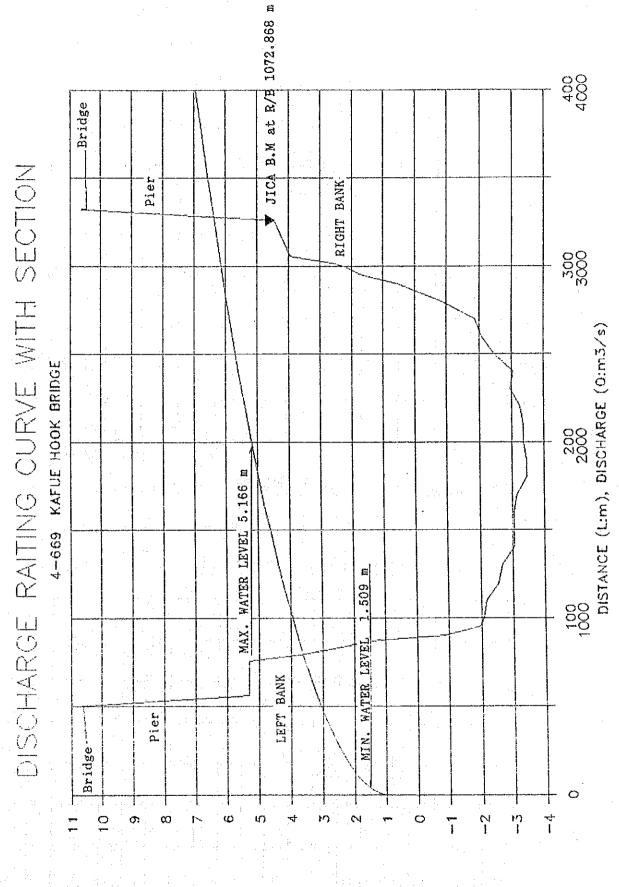


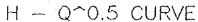
WATER LEVEL (m)

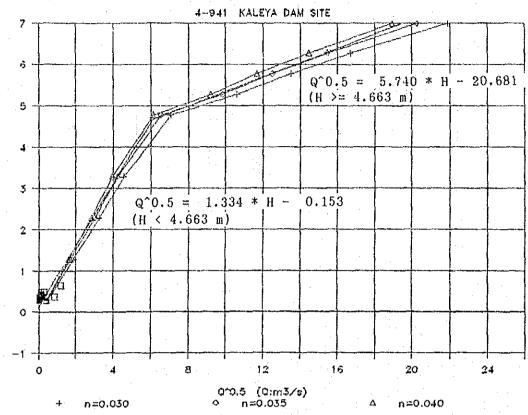






GAUGE WATER LEVEL H (m)

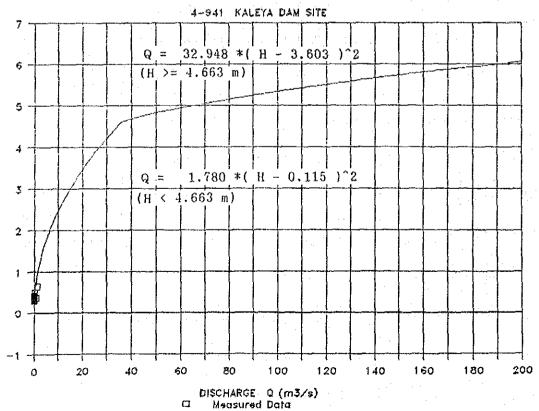


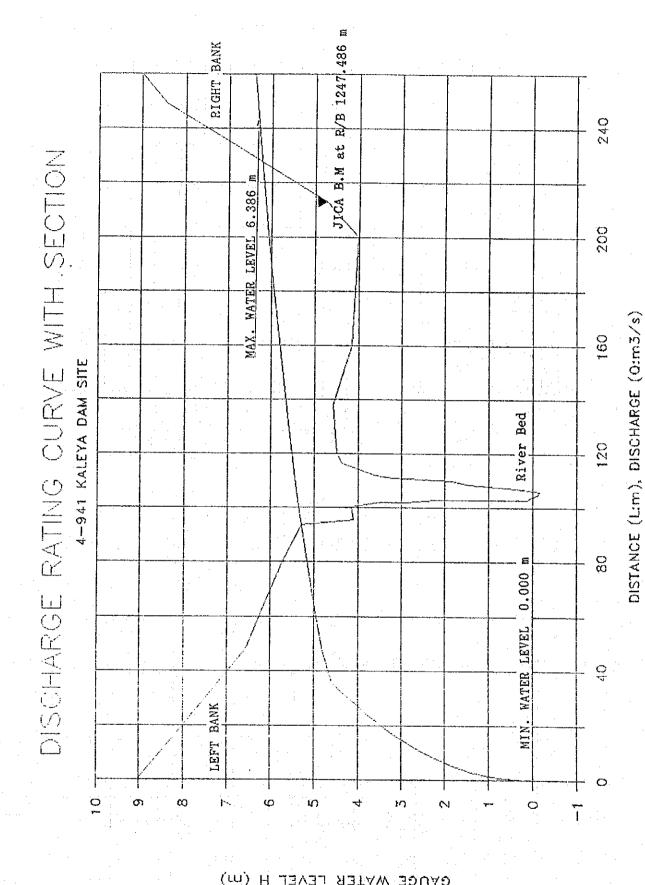


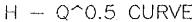
GAUGE WATER LEVEL H (m)

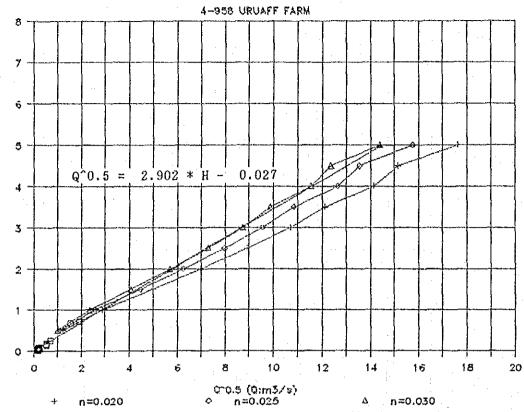
GAUGE WATER LEVEL H (m)

## DISCHARGE RATING CURVE

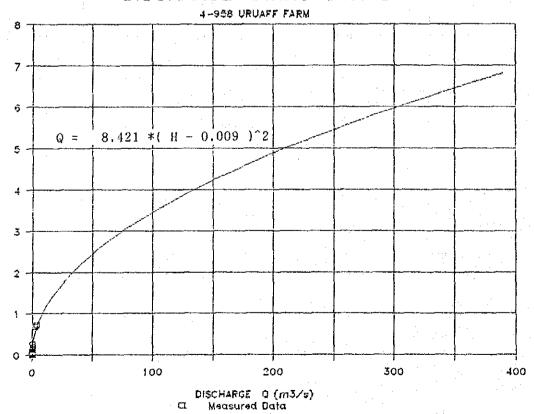


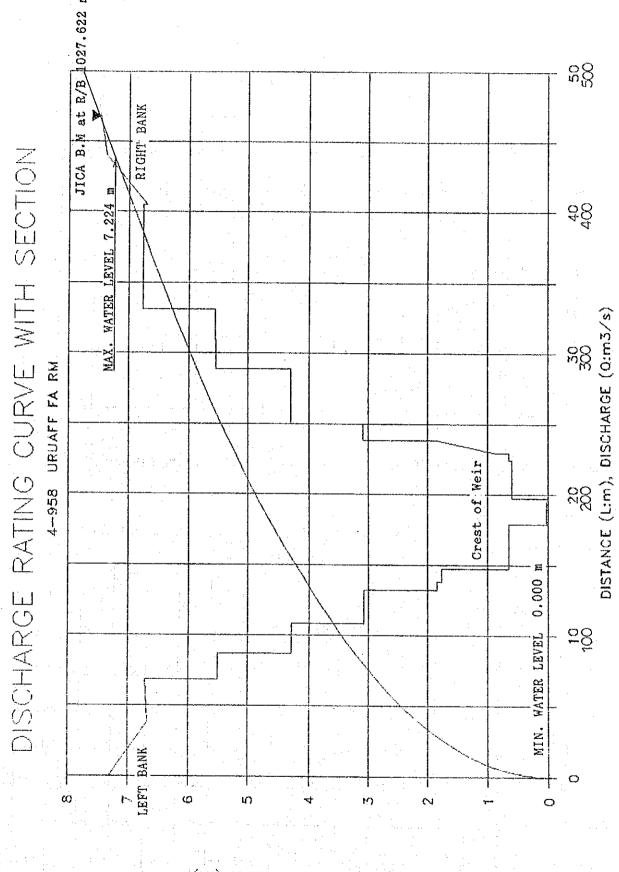


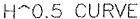


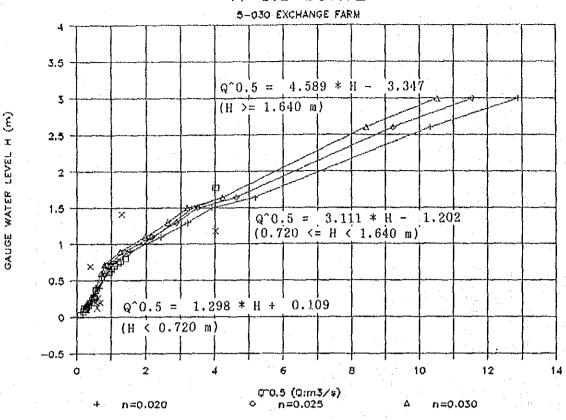


## DISCHARGE RATING CURVE

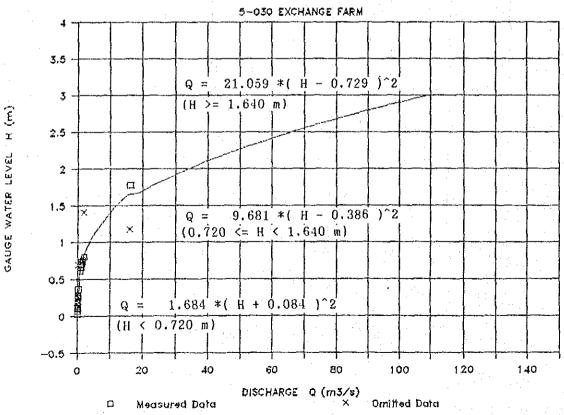


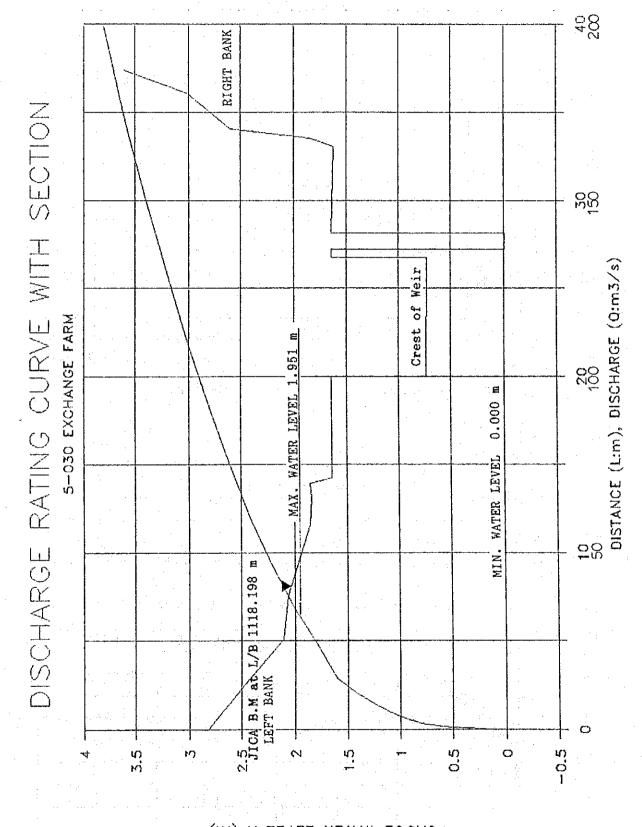






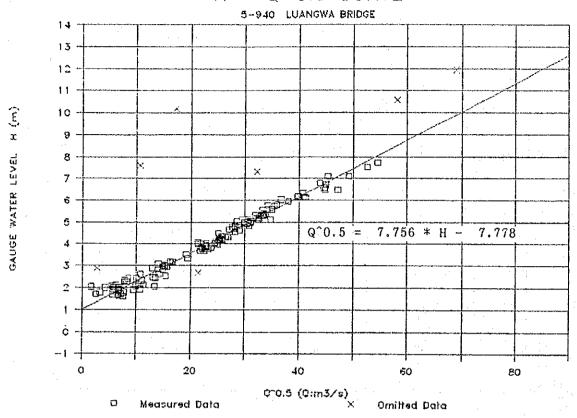


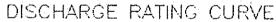


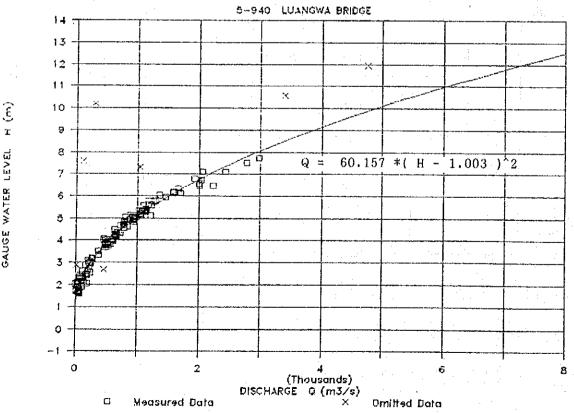


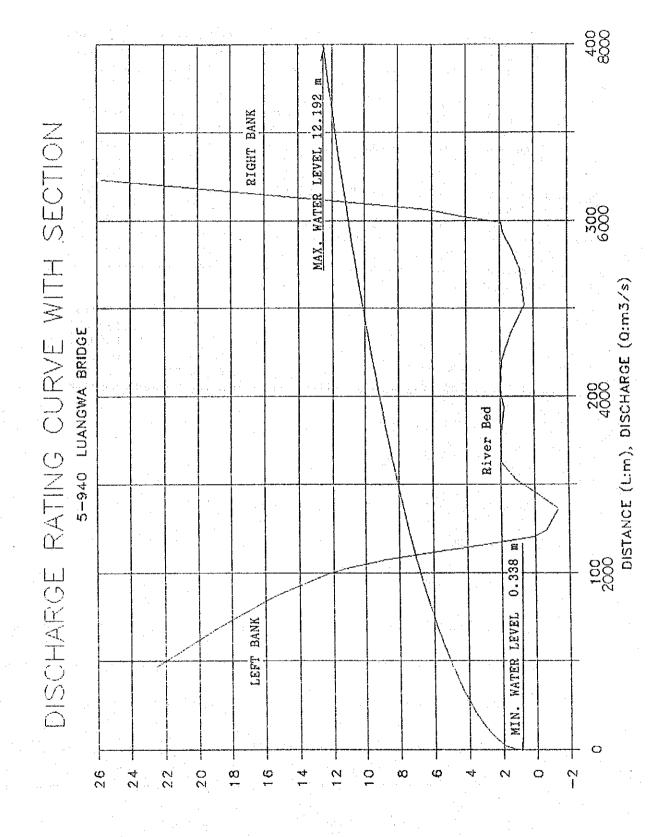
CAUGE WATER LEVEL H (m)











GAUGE WATER LEVEL H (m)

		CHARGE RATING				1-150 ZAMBEZI	PUMP HOUSE
=7]==		DATE				Q^0.5	H*Q^0.5
22 M 22 2						EEEEEEEEEE	
1		07-Mar-90					
2			1.74		3.0396		
$\bar{3}$		30-Jul-90		123.2	1.5129		
4		23-Aug-90	0.98	105.3	0.9604	· ·	
5		. —	0.61	65.1		8.0660	4.9202
6	6	26-Oct-90	0.55	59.5	0.3025	7.7162	4.2439
7	7	07-Dec-90	0.97	128.8	0.9409	11.3468	11.0064
8	. 8	04-Feb-91			42.7716	· ·	236.8410
9					and the second s	37.3967	
=M==	===:	· ·					
		TOTAL					594.09
=61==	:===:						========
		DISCHARGE -	RATING	CURVE : 6	$} = a * (H +$	b) 2	
							E 000010
						a' = b' =	5.062216 5.490267
					•	о = a =	
						b =	1.084558
					Correlation	Coefficient	0.994
100					00110140101	OCCLITOTOMO	01001

DISCHARGE RATING CURVE		1-650 KABOMPO	BOMA
NO. DATE H(m) Q(m3/s)		Q^0.5	н*Q^0.5
1 1 06-Mar-90 2.61 243.6	the state of the s		40.7369
2 2 28-Jun-90 1.92 95.5		9.7709	18.7922
3 3 31-Jul-90 1.79 69.2	3.2041	8.3193	14.8915
4 4 24-Aug-90 1.73 67.6	2.9929	8.2195	14.2197
5 5 28-Sep-90 1.60 51.2	2.5600	7.1526	11.4442
6 6 26-Oct-90 1.57 49.4		7.0299	11.0370
7 7 07-Dec-90 1.76 79.8		8.9303	15.7173
8 8 12-Jan-91 2.61 241.9		and the second s	
9 9 03-Feb-91 3.13 380.6		the contract of the contract o	
=M====================================			=========
TOTAL 18.72 1278.74	41.44		228.50
DISCHARGE - RATING CURVE :		ъ\^o	
DISCHARGE - MATTRG CORVE .	q - a - (n r	υ) <u>Δ</u>	
	v.		0 145000
		a' =	8.145068
		_	-5.823132
	4 - 5		66.342127
	20	A CONTRACTOR OF THE CONTRACTOR	-0.714927
and the second of the second o	Correlation	Coefficient	0.999

65.8

61.8

55.2

51.7

1.80

1.74

1.70

48

49

48

49

50

8/21

9/14

9/23

3.4005

3.2340

3.0184

2.8823

8.1087

7.8587

7.4328

7.1927

14.9528

14.1324

12.9134

12.2113

=M==	NO ===:		H(m) =======	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
51	51	9/28	1.68	49.0	2.8103	7.0032	11.7402
52	52	10/12	1.63		2.6591	6.7918	11.0752
53	53	10/20	1.62		2.6195	6.7772	10.9688
54	54	•	1.62		2.6195	6.7688	10.9552
55	55	10/31	1.64	45.5	2.6790	6.7458	11.0413
	56	12/6	1.95		3.8053	9.0040	17.5642
57	57	12/13	2.00		3.9858	9.3192	18.6053
	58		2.04		4.1704	9.4744	19.3483
59		61/ 1/10	2.73	185.1	7.4584	13,6054	37.1565
60	60	5/17	3.14	252.2	9.8370	15.8814	49.8102
61	61	6/ 7	2.56	165.1	6.5552	12.8497	32.8994
62	62	7/26	2.19	103.7	4.8161	10.1845	22.3506
63	63	8/1	2.15	97.8	4.6175	9.8883	21.2483
64	64	9/13	1.92	67.7	3.6873	8.2301	15.8037
65	65	9/22	1.96	64.0	3.8291	7.9980	15.6506
66	66	11/3	1.86		3.4569	7.8226	14.5444
67	67	12/ 9	2.32	116.7	5.3944	10.8025	25.0896
68	68	62/ 1/10	3.86	404.6	14.8901	20.1152	77.6197
69	69	1/16	4.22		17.8209	21.4240	90.4410
70	70	1/23	3.87		15.0079	20.3224	78.7293
71	71	2/ 1	3.90		15.2450	20.1559	78.6986
	72	2/13	5.01		25.0787	25.6089	128,2461
73		2/27	5.51	731.2	30.3687	27.0407	149.0153
74		3/6	5.63		31.6587	27.5022	154.7441
75	75	3/ 9	5.70		32.5220	28.2639	161.1834
	76.	3/14	5.79		33.4674	28.8582	166.9480
77	77	3/20	5.85	801.2	34.2478	28.3049	165.6449
	78		6.85		46.9486	32.2270	220.8160
79	79	6/26	2.72	185.7	7.3920	13.6283	37.0528
80		7/16	2.54		6.4464	12.4376	31.5790
81	81	8/22	2.30		5.2957	10.9003	25.0843
82	82	10/2	2.00		3.9858	9.2368	
		63/3/6	6.03	886.2	36.3482	29.7692	18.4407
84		64/ 1/ 2	3.61	386.1	13.0017		179.4767
85	85	1/14			16.0162	19.6494 $21.2921$	70.8516
	86	2/11	4.63	585.0	21.4361		85.2114
87		$\frac{2}{11}$				24.1867	111.9824
88		4/2		661.8	31.0783	28.9381	161.3239
	89	4/8			23.6051	25.7253	124.9869
			4.54	521.8	20.6254	22.8434	103.7439
	90				17.5645	22.0583	92.4463
91				227.7	8.5619	15.0905	44.1561
		65/ 2/25	5.07	and the second s	25.6930	25.4976	129.2427
93		3/16	4.66		21.7193	24.4522	113.9568
94	94	4/7	4.06	and the second s	16.5078	21.5499	87.5567
95		4/22	3.46		11.9680	18.5478	64.1658
96		6/1	2.44	156.6	5.9458	12.5148	30.5161
		70/8/2			6.0054	11.7913	28.8958
98			2.04		4.1704	9.5162	19.4335
99				90.9	4.1456	9.5325	19.4088
00 : 1	100	71/ 1/14	4.33	546.0	18.7330	23.3674	101.1377

=M=====			and) than dall div was play due and this speed that the suce and stoke that came and dive that and play will bely give less wink		and had any was deer and old year and was and
, NO	• DATE	H(m) Q(m3/s)		ለጎለ ተ	1111000
101 101	4/4	5.17 760.9	26.7228	27.5839	142.5926
102 102	4/4	4.20 464.3	17.6412	21.5485	
103 103	6/6	2.66 168.2	7.0966	12.9704	
104 104	7/21	2.38 121.5	5.6667	11.0205	
105 105	9/ 9	2.10 98.4	4.4231	9.9212	20.8654
106 106	10/9	1.94 76.6	3.7816	8.7504	17.0162
	72/ 1/23	3.03 236.6		15.3823	46.6509
108 108	2/20	2.69 178.1	7.2600		
109 109	5/18	2.71 197.3	7.3588	14 0479	38.1077
110 110	8/16	2.10 85.5	4.4103	9.2475	
111 111	11/3	1.87 76.6	3.5138	8.7520	
.112 112	73/ 1/25	2.66 178.3	7.0642		
113 113	2/6	2.46 143.3		11.9725	
114 114	3/1	3.25 294.3	10.5373	17.1551	29.4126
115 115	4/12	2.80 196.1	7.8633		55.6875
116 116	4/13	2.78 191.9	7.7441	14.0034	39.2677
117 117	5/7	2.33 124.3		13.8529	38.5502
118 118	5/8	2.30 116.8	5.2677	11.1508	
119 119	9/30	1.66 43.1		10.8077	24.8053
120 120	11/2	1.69 51.1	2.7595 2.8616	6.5671	10.9090
121 121	12/12	2.03 86.4		7.1453	12.0873
122 122		2.97 234.3	4.1084	9.2934	18.8369
123 123	4/5	3.29 299.9	8.8497	15.3076	45.5377
124 124		2.41 135.6	10.8362	17.3169	57.0045
125 125	7/ 7	1.95 78.4		11.6439	28.0376
126 126	8/20		3.8053		17.2766
127 127	11/25	1.83 60.0 1.65 47.3	3.3445	7.7480	14.1696
128 128			2.7091	6.8808	11.3253
129 129 7		0.00 044	5.3661	11.5057	26.6527
130 130	2/10		12.9358	17.6369	63.4336
131 131	3/24		19.6678	22.1946	98.4295
132 132	7/ 2		30.1006	26.3593	144.6174
133 133	8/22	2.14 109.2 1.92 65.0	4.5783	10.4521	22.3643
134 134	9/19	1.80 56.1	3.6873	8.0650	15.4867
135 135		1.74 53.2	3.2340	7.4878	13.4655
136 136	11/17		3.0396	7.2963	12.7207
	6/ 1/14		2.9239	6.9728	11.9230
138 138			6.9512	13.1007	34,5403
139 139	3/22			21.0587	87.2943
140 140	5/24	5.99 781.4	35.8720	27.9536	167.4230
140 140	6/10		13.8277	19.6264	72.9818
142 142	6/11	2.96 217.7	8.7412	14.7537	43.6202
142 142		2.93 217.5	8.5977	14.7470	43.2407
	8/19	2.27 112.4	5.1702	10.6001	24.1025
144 144	9/12	2.09 85.4	4.3592	9.2399	19.2918
145 145	10/17	2.19 111.5	4.8161	10,5599	23.1744
146 146	11/16	2.13 91.1	4.5522	9.5444	20.3639
147 147 7		3.38 292.5	11.4466	17.1014	57.8587
148 148	2/14	4.37 452.6	19.0775	21.2748	92.9237
149 149	3/10	5.01 588.6	25.1398	24.2604	121.6405
150 150	6/18	2.59 139.3	6.7122	11.8045	30.5832

```
NO.
          DATE
                     H(m)
                          Q(m3/s)
                                        H^2.0
                                                   Q^0.5
                                                             H*Q^0.5
7/14
                                                             27.8231
151 151
                     2.41
                            133.5
                                       5.7981
                                                 11.5548
                     2.24
                            114.9
                                      5.0189
                                                10.7196
                                                             24.0149
152 152
           8/11
                            57.0
                                      4.1704
                                                7.5500
153 153
           9/9
                     2.04
                                                            15,4182
154 154 78/ 3/10
                                      29.4354
                                                26.7289
                                                            145.0160
                     5.43
                            714.4
           5/ 7
                                                27.6572
                     5.80
                            764.9
                                      33,6440
                                                           160.4215
155 155
                                                 16.7145
                            279.4
                                                            52.9836
156 156
           6/12
                     3.17
                                      10.0484
                                                 13.4168
                                                           37.9909
157 159
          12/10
                    2.83
                            180.0
                                      8.0179
158 160 81/ 2/13
                  4.04
                            337.1
                                      16.3596
                                                 18:3591
                                                            74.2569
                    3.70
159 161
           5/3
                            218.0
                                      13.6695
                                                 14.7652
                                                             54.5903
                                               8.5441
160 162 82/10/22
                            73.0
                                      3.9252
                                                             16.9275
                    1.98
161 163
                    2.96
                                     8.7412
                                                14.9340
          12/13
                            223.0
                                                             44.1532
                                                             76.2591
162 164 83/ 3/21
                     3.85
                            393.0
                                      14.7961
                                                 19.8252
                            410.1
                                      15.4840
                                                 20.2498
                                                             79.6825
163 165
           3/22
                    3.93
164 167 84/ 2/26
                            286.0
                                      10.7161
                                                 16.9124
                                                             55.3635
                     3.27
                                      11.7999
                                                17.2637
                                                            59.3024
           3/ 2
                            298.0
165 168
                     3.44
166 170 85/ 3/12
                            424.0
                                      15.3643
                                                 20.5923
                                                             80.7164
                     3.92
                            466.1
                                      15.7006
                                                 21.5886
                                                            85.5426
167 171
       4/23
                     3.96
168 172 86/ 8/ 8
                                                 10.3445
                                                             22,5440
                     2.18
                            107.0
                                       4.7494
                                                             17.2297
169 173
        9/-8
                   1.95
                             78.0
                                       3.8053
                                                  8.8325
170 174 89/10/6
                     0.51
                             1.3
                                       0.2622
                                                  1.1396
                                                             0.5835
171 175 90/ 2/ 9
                     3.03
                            257.3
                                      9.1809
                                                 16.0406
                                                             48.6029
172 176
           3/8
                            251.3
                                      10.6276
                                                 15.8531
                                                             51.6810
                     3.26
173 177
           5/8
                     3.03
                            257.3
                                       9.1809
                                                 16.0406
                                                             48.6029
174 178
           6/26
                     2.13
                             87.0
                                       4.5369
                                                  9.3247
                                                             19.8616
175 179
           7/29
                     2.01
                             65.6
                                       4.0401
                                                  8.1019
                                                             16.2847
                    1.92
                             55.3
                                       3.6864
                                                  7.4351
                                                             14.2753
176 180
           8/22
                             46.0
                                                  6.7853
                                                             11.6028
          9/26
                     1.71
                                       2.9241
177 181
                                       2.8900
                                                  7.0626
                                                             12.0064
                             49.9
178 182
          10/25
                     1.70
                                                  8.1786
                                                             15.3758
                             66.9
                                       3.5344
                     1.88
179 183
          12/ 6
                                                             44.8169
                                                 14.5509
                     3.08
                            211.7
                                       9.4864
180 184 91/ 1/12
                                                             97.2714
                                                 22.6740
181 185
           2/4
                     4.29
                            514.1
                                      18,4041
                                                  6.1553
                                                             13.9773
OMIT157 79/11/12
                     2.27
                             37.9
                                       5.1564
OMIT158 80/ 5/23
                     3.18
                             50.0
                                      10.1064
                                                  7.0696
                                                             22.4747
                              46.4
                                       6.7122
                                                  6.8084
                                                             17.6393
OMIT169
           6/ 7
                     2.59
           4/9
                                       2.9973
                                                 12.0420
                                                             20.8479
                     1.73
                             145.0
OMIT166
46401
                                    1895.2297
                                                2666.2666
       T.OTAL
                   548.97
DISCHARGE - RATING CURVE : Q = a * (H + b)^2
                                                    a'
                                                       =
                                                            5,458147
                OMIT: Omitted data)
        (where,
                                                    b'
                                                           -1.823601
                                                           29.791368
                                                           -0.261824
                                                               0.981
                                  Correlation Coefficient
```

DISCHARGE RATING	CURVE		STATION:	2-030	LUKULI	J
NO. DATE	H(m)	Q(m3/s)	H^2.0	pie pie mei pie mię <sub>d</sub> ijo gi	Q^0.5	H*Q^0.5
				======	======	
1 1 09-Mar-90	2.77	888.0	7.6729	29	7987	82.5423
2 2 16-Jun-90	1.45	565.8	2.1025	23	7868	
3 3 01-Sep-90			· ·		.7141	
4 4 25-Sep-90	0.75	311	0.5625		6213	
5 5 29-Sep-90	0.57		0.3249		4228	
6 6 25-Oct-90	0.58	239	0.3364		4541	· ·
		327	0.6400		3.0956	
	4.27					155.7256
0 00 200 01.	4.56		20.7936		.8429	1
=M====================================					 :=======	
	16.68	5601.50	51.53	2	212.21	503.25
DISCHARGE - F						
	:		.*		a' =	5.333699
			100		b' =	
					· <del>-</del>	13.693320
		•			a =	28.448346
					b =	2.567321
=M====================================			Correlation	Coeffi	cient	0.990

DISCHARGE RATING CURVE (1) (where, H < 3.179 m)

STATION: 2-250 KALABO

=M==					TOO KADADO	
	NO. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	======== Н*Q^0.5
7.7						
1	5 13-Jun-61	2.78	102.9	7.7102	10.1427	28.1636
2	6 25-Aug-61	1.27	36.6	1.6155	6.0533	7.6938
3	7 14-Sep-61	0.96	29.3	0.9277	5.4084	5.2092
4	8 15-Oct-61	0.64	3.7	0.4097	1.9186	1.2281
5	9 17-Oct-61	0.62	13.8	0.3904	3.7097	2.3180
6	10 05-Nov-61	0.52	11.0	0.2685	3.3104	1.7153
7	11 17-Nov-61	0.55	10.9	0.3010	3.3018	1.8115
8	12 30-Nov-61	0.55		0.2977	3.5458	1.9346
9	13 06-Jan-62	0.73	14.6	0.5262	3.8225	2.7729
10	14 18-Jan-62	1.06	22.8	1.1251	4.7715	5.0611
11	15 06-Feb-62	1.98	32.3	3.9010	5.6817	11.2219
12	23 04-Jun-62	2.89	92.0	8.3492	9.5903	27.7111
13	24 23-Jun-62	2.55	85.4	6.4774	9.2429	23.5240
14	25 29-Jun-62	2.41	46.8	5.7981	6.8375	16.4641
15	26 12-Jul-62	2.19	57.9	4.7894	7.6060	16.6455
16	27 18-Jul-62	2.04	34.8	4.1580	5.8969	12.0244
17	28 25-Jul-62	1.88	38.5	3.5482	6.2034	11.6852
18	29 07-Aug-62	1.61	27.5	2.5900	5.2409	8.4345
19	30 21-Aug-62	1.33	25.3	1.7580	5.0314	6.6711
20	31 21-Sep-62	0.91	20.6	0.8361	4.5341	4.1460
21	32 09-Oct-62	0.73	15.6	0.5307	3.9500	2.8775
22	36 29-May-63	2.85	93.9	8.1218	9.6887	27.6115
23	37 17-Dec-63	1.98	0.08	3.9252	8.9456	17.7230
24	38 28-Jan-64	2.55	89.4	6.4774	9.4535	24.0598
25	40 24-Mar-64	2.93	106.0	8.5619	10.2938	30.1204
26	41 29-Dec-64	0.55	13.3	0.3010	3.6520	2.0036
27	42 26-Mar-65	2.80	98.3	7.8633	9.9140	27.8005
28	43 05-May-65	2.64	70.6	6.9512	8.4020	22.1521
29	44 18-Sep-76	0.85	29.0	0.7232	5.3822	4.5770
30	45 27-Jun-85	2.33	113.0	5.4227	10.6307	24.7555
31	46 02-Mar-90	1.86	28.7	3.4596	5.3526	9.9558
32	47 14-Jun-90	1.83	29.1	3.3489	5.3907	9.8650
33	48 27-Jul-90	1.25	15.43	1.5625	3.9281	4.9101
34	49 28-Aug-90	0.91	14.49	0.8281	3.8066	3.4640
35	50 30-Sep-90	0.67	11.79	0.4489	3.4337	2.3006
36	51 29-Oct-90	0.48	16.96	0.2304	4.1183	1.9768
37	52 10-Dec-90	0.37	12.00	0.1369	3.4641	1.2817
38	53 20-Jan-91	0.55	6.96	0.3025	2.6382	1.4510
=M==:	**=====================================				=======================================	========
	TOTAL	57.57	1563.27	114.97	224.29	415.32
=M==:	DICOLADOR		======: 			

DISCHARGE - RATING CURVE :  $Q = a * (H + b)^2$ 

```
a' = 2.720938
b' = 1.780129
a = 7.403501
b = 0.654234
Correlation Coefficient 0.926
```

DISCHARGE RATING CURVE (2) (where, H >= 3.179 m)

(where, H >= 3.179 m)	STATION: 2	-250 KALAB	0
NO. DATE H(m) Q(m3/s)	H^2.0	Q^0.5	##Q^0,5
1 1 12-Apr-61 3.54 184.9	12.5010	13.5960	48.0713
2 2 26-Apr-61 3.47 167.6	12.0737	12.9463	44.9849
3 3 09-May-61 3.29 161.5	10.8362	12.7101	41.8397
4 4 25-May-61 3.08 130.2	9.4770	11.4093	35.1234
5 16 01-Mar-62 4.24 613.3	17.9498	24.7658	104.9256
6 17 12-Mar-62 3.83 328.5	14.6325	18.1239	69.3282
7 18 29-Mar-62 3.83 286.7	14.6325	16.9308	64.7643
8 19 12-Apr-62 3.73 223.3	13.8958	14.9434	55.7048
9 20 25-Apr-62 3.57 176.2	12.7175	13.2725	47.3318
10 21 09-May-62 3.34 132.4	11.1393	11.5045	38.3969
11 22 23-May-62 3.09 116.4	9.5523	10.7881	4 4 4
12 33 24-Jan-63 3.87 328.7	14.9843	18.1294	33.3424
13 34 12-Feb-63 3.98 358.6	15.8702	18.9369	70.1780
14 35 12-Mar-63 4.68 839.7	21.8900	28.9772	75.4394
15 39 12-Mar-64 3.16 117.4	10.0098		135.5752
	10.0000	10.8339	34.2765
TOTAL 54.69 4165	202.1618	237.8681	899.2823
DISCHARGE - RATING CURVE : Q =	a * (H + b)	^2	
		a' =	11.522290
		b' =	-26.150261
		a =	132.763177
	en e	b =	-2.269537
Co	rrelation Co	efficient	0.969

	DISC	CHARGE RAT	I'ING CURVE		STATION:	2-400 SENANC	JA .
≕M≍c	NO	. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
=M==	<b>Z</b> 221			**********			
1	1	11-Jun-88	3.12	1416.00	9.7344	37.6298	117.4049
2	2	15-Jul-88	1.63	789.00	2.6569		
3	3	03-Mar-90	2.51	930.81	6.3001	30.5092	76.5780
4	4	13-Jun-90	2.64	949.77	6.9696	30.8183	81.3604
<b>4</b> 5	5	28-Jul-90	1.27	453.84	1.6129	21.3035	27.0555
6		26-Aug-90	0.91	353.93	0.8281	18.8130	17.1199
7	7	01-0ct-90	· ·		0.4489	15.9374	10.6780
8	8	28-Oct-90			0.4096	15.7394	10.0732
8 9	9	09-Dec-90		319.42		and the second s	14.4766
10			2.20				59.6090
11	11	07-Mar-91	4.31	1662.38	18.5761	40.7723	175.7286
* *		TOTAI	20.71	8111.02	53.03 53.03	284.58	635.87
-1,1					Q = a * (H +		The state of the s
						a' =	7.127770
						p, =	12.451210
						a =	50.805112
	: 1						1.746859
			N	14	Correlation	Coefficient	

 $(\mathcal{S}_{i})^{-1} \cdot (\mathcal{S}_{i}) = (\mathcal{S}_{i})^{-1} \cdot (\mathcal{S}_{i})^{-1}$ 

STATION: 4-050 RAGLAM FARM

DISCH	ADC C	RATING	CHDVE
תטפוע	HAUL	MALLING	CURYE

=M==	====		*******				
	NO.	DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
=M==	====	=========					
1	1	24-Sep-59	0.46	1.5	0.2090	1.2228	0.5590
2		25-Sep-59	0.46		0.2090	1.0536	0.4817
3		07-Oct-59	0.35	1.3	0.1250	1.1487	0.4062
4		07-Oct-59	0.45	0.3	0.2035	0.5321	0.2400
5		28-Oct-59	0.40	1.1	0.1594	1.0263	0.4098
6		10-Nov-59	0.40	1.1	0.1619	1.0549	0.4244
7		07-Dec-59	0.45	1.5	0.2063	1.2423	0.5642
8		21-Dec-59	0.62	2.9	0.3828	1.6912	1.0464
: 9		04-Jan-60	1.01	6.6	1.0117	2.5631	2.5781
10		03-Feb-60	1.33	10.8	1.7660	3.2932	4.3765
				17.2	2.5121	4.1459	6.5711
. 11		26-May-60	1.58			3.1972	:
12		13-Jun-60	1.26	10.2	1.6000		4.0443
13		14-Jul-60	0.97	6.0	0.9395	2.4559	2.3804
14		25-Jul-60	0.90	5.8	0.8140	2.4093	2.1737
15		22-Aug-60	0.70	3.1	0.4915	1.7488	
16		11-Oct-60	0.41	1.2	0.1718	1.0983	0.4553
17	,	16-Dec-60	0.44	1.1	0.1926	1.0509	0.4612
18		20-Dec-60	0.72	3.7	0.5174	1.9333	1.3907
		23-Dec-60	1.01	8.0	1.0179	2.8208	2.8459
20		04-Jan-61	1.82	22.8	3.3111	4.7774	8.6932
21		18-Jan-61	1.81	21.3	3.2780	4.6176	8.3603
22		25-Jan-61	1.94	25.2	3.7697	5.0202	9,7470
23		30-Jan-61	2.42	36.5	5.8569	6.0439	14.6269
24	24	06-Feb-61	2.94	56.9	8.6693	7.5443	22.2133
25	25	02-May-61	3.34	71.9	11.1800	8.4808	28.3570
26	26	10-May-61	2.98	61.4	8.8860	7.8388	23.3672
27	27	16-May-61	2.79	54.4	7.7951	7.3735	20.5865
28	28	25-May-61	2,39	41.9	5.7103	6.4737	15,4698
29	29	30-May-61	2.19	35.1	4.7894	5.9256	12.9680
30	30	05-Jun-61	1.98	27.6	3.9252	5.2544	10.4101
31		12-Jun-61	1.79	22.7	3.1903	4.7685	8.5171
32		19-Jun-61	1.64	19.3	2.6890	4.3881	7.1957
33		27-Jun-61	1.50	16.7	2.2397	4.0839	6.1119
34		04-Jul-61	1.39	14.8	1.9403	3.8520	5.3656
35		12-Jul-61	1.30	12.9	1.7018	3.5934	4.6877
36		18-Jul-61	1.24	11.9	1.5465	3.4568	4.2989
37		26-Jul-61	1.17	10.5	1.3699	3.2456	3.7987
38		01-Aug-61	1.12	9.5	1.2581	3.0846	3.4598
39		11-Aug-61	1.01	8.3	1.0117	2.8804	2.8972
40		21-Aug-61	0.93	6.7	0.8586	2.5906	2.4004
41		28-Aug-61	0.87	6.2	0.7599	2.4903	2.1708
42		11-Sep-61	0.72	3.9	0.5218	1.9696	1.4228
43		25-Sep-61	0.72	3.0	0.3319	1.7243	0.9933
44		23-Sep-01 03-Oct-61	0.52	2.2	0.2685	1.4785	0.7661
		03-06t-61			0.2349	*	the state of the s
45		and the second s	0.48	$\begin{array}{c} 1.7 \\ 1.6 \end{array}$	0.2063	1.3186	0.6390
46		16-Oct-61	0.45			1.2548	0.5699
47		07-Nov-61	0.49	1.9	0.2438	1.3733	0.6781
48		14-Nov-61	0.67	3.5		1.8587	1.2463
49		16-Nov-61	0.75	4.3	0.5577	2.0815	1.5544
50	51	20-Nov-61	1.00	8.4	0.9995	2.8951	2.8944

NO. DATE $H(m) Q(m3/s) H^2.0 Q^0.$	· ·
	****************
51 52 27-Nov-61 0.93 5.7 0.8642 2.391	7 2.2234
52 53 18-Dec-61 1.48 16.5 2.1943 4.059	6 6.0136
53 54 27-Dec-61 1.83 24.0 3.3445 4.903	2 8.9669
54 55 10-Jan-62 2.99 56.6 8.9224 7.525	5 22.4791
55 56 15-Jan-62 3.19 62.6 10.1452 7.910	
56 57 22-Jan-62 3.32 64.0 11.0176 7.999	
57 58 13-Jun-62 2.60 53.2 6.7756 7.296	
58 59 22-Jun-62 2.33 42.5 5.4511 6.517	
59 60 28-Jan-64 2.71 54.7 7.3258 7.392	
60 61 18-Feb-64 3.36 74.2 11.2822 8.613	4 28.9314
61 62 28-Feb-64 3.66 85.8 13.3780 9.262	
. 62 63 16-Mar-64 3.91 100.5 15.2688 10.026	
63 64 03-Apr-64 3.57 87.2 12.7175 9.338	9 33.3042
64 65 08-Apr-64 3.33 82.7 11.1190 9.093	1 30.3212
65 66 24-Apr-64 2.53 50.7 6.4001 7.119	
66 67 30-Apr-64 2.25 42.5 5.0599 6.517	
67 68 08-May-64 1.90 31.7 3.5943 5.631	6 10.6767
68 69 28-May-64 1.44 17.7 2.0697 4.206	9 6.0523
69 70 08-Jun-64 1.27 14.2 1.6232 3.770	3 4.8036
70 71 29-Jun-64 1.16 11.4 1.3415 3.378	1 3.9127
71 72 28-Jul-64 1.04 2.5 1.0740 1.573	2 1.6303
72 73 28-Aug-64 0.83 6.5 0.6823 2.552	0 2.1080
73 74 03-Dec-71 2.14 34.7 4.5783 5.892	1 12.6072
74 75 26-Jan-72 2.79 52.1 7.7611 7.217	1 20.1058
75 76 20-Apr-72 4.39 105.5 19.2911 10.271	7 45,1152
76 77 24-Nov-72 0.72 5.4 0.5131 2.325	6 1.6658
77 78 23-Dec-72 0.90 6.6 0.8085 2.574	1 2.3146
78 79 19-Jan-73 1.42 16.9 2.0088 4.108	1 5.8226
79 80 09-Feb-73 1.54 17.8 2.3599 4.213	6 6.4729
80 81 15-Mar-73 2.04 31.8 4.1580 5.641	6 11.5039
81 82 06-Apr-73 1.87 13.3 3.4910 3.640	4 6.8018
82 83 28-Apr-73 1.65 22.0 2.7091 4.687	6 7,7155
83 84 10-May-73 1.34 14.2 1.7823 3.770	3 5.0334
84 85 07-Jun-73 0.91 7.5 0.8361 2.744	5 2.5096
85 86 11-Jul-73 0.72 4.3 0.5218 2.074	6 1.4987
86 87 12-Jul-73 0.72 4.1 0.5131 2.019	3 1.4464
87 88 27-Jul-73 0.67 3.8 0.4537 1.940	7 1.3072
88 89 06-Sep-73 0.52 2.5 0.2685 1.578	6 0.8180
89 90 27-Sep-73 0.50 2.2 0.2529 1.486	2 0.7474
90 91 28-Sep-73 0.50 2.2 0.2468 1.476	6 0.7336
91 92 08-Nov-73 0.50 1.7 0.2499 1.292	0.6461
92 93 13-Dec-73 0.59 4.0 0.3425 1.991	
93 94 11-Jan-74 1.31 13.5 1.7178 3.667	
94 95 14-Feb-74 1.71 16.1 2.9134 4.010	
95 96 26-Feb-74 2.14 22.5 4.5914 4.741	
96 97 20-Mar-74 2.87 42.7 8.2089 6.532	
97 98 16-May-74 1.93 35.6 3.7343 5.966	
98 99 29-Nov-74 0.52 0.8 0.2653 0.906	
99 100 26-Feb-75 1.92 26.5 3.6756 5.148	
100 101 26-Aug-75 0.92 6.0 0.8417 2.450	

1	O. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
	02 27-Oct-75	0.46	2.1	0.2090	1,4476	0.6618
	3 07-Jan-76	2.37	31.6	5.6377	5.6215	13.3477
	04 27-Apr-76	5.10	126.9	26.0029	11.2632	57.4344
	05 07-Dec-76	0.61	3.6	0.3753	1.9038	1.1664
	06 07-Mar-77	4.22	89.8	17.8209	9.4744	39,9960
	07 04-Apr-77	5.12	152.1	26,2210	12.3313	63.1443
	)8 13-Jul-77	1.39	13.6	1.9318	3.6829	5.1188
	9 22-Nov-77	0.46	2.5	0.2090	1.5786	0.7217
	0 24-May-78	4.10	94.4	16.8064	9.7164	39.8330
	1 04-Jul-80	2.13	23.1	4.5263	4.8040	10.2205
	2 15-Oct-80	0.79	6.1	0.6280	2.4674	1.9554
	3 10-Nov-80	0.77	6.9	0.5947	2.6339	2.0311
113 13	4 17-Dec-80	1.08	12.6	1.1708	3.5538	3.8453
	5 17-Apr-81	4.27	99.2	18.2350	9.9582	42.5240
	6 08-May-81	2.84	54.7	8.0698	7.3927	21.0006
116 11	7 27-Jun-81	1.68	18.5	2.8103	4.3067	7.2197
117 11	8 21-Aug-81	1.09	17.7	1,1907	4.2069	4.5905
	9 21-Feb-82	3.38	81.6	11.4466	9.0306	30.5532
119 12	20 21-May-82	1.99	30.6	3.9493	5.5276	10.9849
	1 13-Oct-82	0.49	4.3	0.2438	2.0746	1.0244
121 12	2 11-Apr-83	2.84	57.7	8.0698	7.5948	21.5749
122 12	3 10-0ct-83	0.44	3.4	0.1900	1.8434	0.8035
123 12	4 07-May-84	1.62	25.5	2.6096	5.0455	8.1507
124 12	5 08-Aug-84	0.73	4.4	0.5396	2.0883	1.5340
125 12	6 24-Apr-87	2.98	54.5	8.9042	7.3831	22.0311
126 12	7 23-Sep-89	0.58	2.4	0.3319	1.5605	0.8990
127 12	8 17-Jul-90	0.87	6.4	0.7569	2.5199	2.1923
128 12	9 21-Sep-90	0.67	3.6	0.4489	1.8974	1.2712
129 13	0 13-Oct-90	0.43	1.3	0.1849	1.1489	0.4940
130 13	11 06-Nov-90	0.38	1.3	0.1444	1.1180	0.4249
	32 24-Dec-90	0.55	3.8	0.3025	1.9596	1.0778
	3 14-Jan-91	1.26	13.7	1.5876	3.7054	4.6688
	34 14-Feb-91	3.19	60.7	10.1761	7.7923	24.8574
134 13	5 08-Mar-91	3.20	56.3	10.2400	7.5040	24.0128
=M====	=======================================					
٠.	TOTAL	215.58	3379.82	515.55	567.01	1314.26
=M====						
	DISCHARGE	- RATING	CURVE : Q	= a * (H + b)	1 2	

```
a' = 2.382744

b' = 0.398134

a = 5.677468

b = 0.167091

Correlation Coefficient 0.988
```

DISCHARGE RATING CURVE(1)
(where, H < 2.920 m)

(where	, н < 2.	·	STATION:	· · ·	SHT
NO. DATE	H(m)	Q(m3/s)	H^2.0	A^0.5	н*Q^0.5
1 2 29-Oct-59	0.65	0.6	0.4255	0.7526	0.4909
2 3 11-Nov-59.	0.66	0.6	0.4415	0.7711	0.5124
3 4 25-Nov-59	0.68	0.7	0.4620	0.8070	0.5485
4 5 11-Dec-59	0.75	0.5	0.5577	0.7335	0.5477
5 6 14-Dec-59	0.79	1.1	0.6232	1.0509	0.8296
6 7 16-Dec-59	0.87	1.4	0.7546	1.1659	1.0128
7 8 22-Dec-59	0.98	1.8	0.9573	1.3567	1.3274
8 9 30-Dec-59	1.34	3.6	1.7904	1.9038	2.5475
9 10 05-Jan-60	1.65	5.3	2.7091	2.2950	3.7774
10 11 21-Jan-60	0.91	1.6	0.8361	1.2480	1.1411
.11 12 04-Feb-60	1.82	7.2	3.3222	2.6819	4.8883
12 13 15-Feb-60	2.91	15.8	8.4730	3.9786	11.5810
13 16 29-Mar-60	2.75	14.8	7.5586	3.8520	10.5903
14 17 06-May-60	1.61	6.0	2.5900	2.4559	3.9524
15 18 27-May-60	1.33	3.8	1.7580	1.9552	2.5923
16 19 14-Jun-60	1.25	3.3	1.5693	1.8202	2.2802
17 20 27-Jun-60	1.17	2.9	1.3699	1.6995	1.9892
18 21 13-Jul-60	1.11	2.6	1.2377	1.6228	1.8054
19 22 21-Jul-60	1.09	2.4	1.1774	1.5331	1.6635
20 23 28-Jul-60	1.04	2.0	1.0803	1.4079	1.4633
21 24 16-Aug-60	0.99	1.8	0.9753	1.3250	1.3085
22 25 24-Aug-60	0.95	1.7	0.9102	1.3035	1.2435
23 26 10-Oct-60	0.76	0.7	0.5806	0.8244	0.6282
24 27 10-Nov-60	0.69	0.8	0.4829	0.8744	0.6077
25 28 06-Dec-60	0.76	0.7	0.5714	0.8414	0.6360
26 29 21-Dec-60	1.46	4.6	2.1227	2.1550	3.1397
27 30 05-Jan-61 28 31 11-Jan-61	1.66	6.4	2.7493	2.5241	4.1853
	1.62	6.1	2.6195	2.4617	3.9842
29 32 19-Jan-61 30 33 26-Jan-61	1.51	5.2	2.2856	2.2764	3.4415
31 34 15-Feb-61	1.87	7.7	3.5138	2.7753	5.2023
32 38 11-Apr-61	2.71	13.3	7.3258	3.6481	9.8741
33 39 19-Apr-61	2.64	14.7	6.9834	3.8341	10.1319
34 40 26-Apr-61	2.13	14.7	7.4584	3.8341	10.4708
35 41 10-May-61	1.86	11.3 7.8	5.1564	3.3571	7.6232
36 42 16-May-61	1.77	7.0	3.4456	2.7956	5.1893
37 43 29-May-61	1.57	6.2	3.1468	2.6500	4.7010
38 44 07-Jun-61	1.47	5.2	2.4736	2.4903	3.9166
39 45 20-Jun-61	1.40	4.6	2.1673 1.9658	2.2888	3.3695
40 46 26-Jun-61	1.37	4.6		2.1484	3.0122
41 47 12-Jul-61	1.29	4.1	1.8813 $1.6545$	2.1550	2.9558
42 48 18-Jul-61	1.24	$\frac{3.1}{3.7}$	1.5465	2.0263	2.6064
43 49 24-Jul-61	1.22	3.5	1.4864	1.9260	2.3952
44 50 09-Aug-61	1.13	2.8	1.2718	1.8814	2.2938
45 51 14-Aug-61	1.11	2.8	1.2309	1.6743	1.8882
46 52 22-Aug-61	1.09	2.8	1.1907	1.6828 1.6743	1.8670
47 53 12-Sep-61	0.97	2.1	0.9395	1.4378	1.8270
	0.89	1.7	0.7867	1.4378	1.3936
49 55 05-Oct-61	0.85	1.5	0.7180	1.2251	1.1465
50 56 10-Oct-61	0.83	1.3	0.6873	1.1413	1.0381
		· · · · · · · · · · · · · · · · · · ·	0 + 0/15 / 15	**エルブウ	0.9462

NO. DATE	H(m) Q(m3/s)	H^2.O.	0^0.5	H*Q^0.5
51 57 17-Oct-61	0.80 1.1	0.6377	1.0509	0.8392
52 58 31-Oct-61	0.79 1.0	0.6280	1.0236	0.8112
53 59 08-Nov-61	0.87 1.5	0.7546	1.2135	1.0541
54 60 15-Nov-61	1.50 5.2	2.2488	2.2702	3.4044
55 61 21-Nov-61	1.76 6.7	3.0930	2.5851	4.5464
56 62 08-Dec-61		2.9973	2.6178	4.5320
57 63 18-Dec-61	2.11 9.6	4.4359	3.0937	6.5159
58 64 28-Dec-61	2.47 12.6	6.0803	3.5458	8.7433
59 65 03-Jan-62	2.56 13.5	6.5552	3.6752	9.4097
60 66 11-Jan-62	2.76 15.8	7.6258	3.9786	10.9868
61 67 22-Jan-62	2.25 10.3	5.0736	3.2105	7.2316
62 68 31-Jan-62	2.62 13.7	6.8392	3.7059	9.6916
63 77 15-May-62	2.80 15.8	7.8462	3.9786	11.1445
34 78 29-May-62	2.48 13.6	6.1557	3.6829	9.1375
35 79 07-Jun-62	2.33 11.7	5.4227	3.4156	7.9539
66 89 31-Aug-71	1.13 2.6	1.2856	1.6140	1.8301
37 90 15-Nov-71	1.14 2.9	1.2995	1.7078	1.9468
68 91 03-Dec-71	1.13 3.5	1.2718	1.8738	2.1132
39 93 27-Jan-72	2.68 12.0	7.1944	3.4650	9.2940
70 94 16-Feb-72	2.58 12.1	6.6649	3.4773	8.9771
1 95 02-Mar-72	2.87 15.1	8.2264	3.8850	11.1427
72 96 11-Apr-72	2.72 12.1	7.3920	3.4854	9.4761
'3 97 12-May-72	2.03 8.4	4.1084	2.9000	5.8781
4 98 12-Jun-72	1.62 5.8	2.6096	2.4093	3.8922
'5 99 01-Sep-72	1.21 2.8	1.4569	1.6743	2.0209
'6 100 06-Oct-72	0.98 1.8	0.9633	1.3357	1.3109
7 101 13-Nov-72	0.95 2.0	0.8986	1.3978	1.3250
8 102 26-Jan-73	1.25 2.9	1.5693	1.7078	2.1394
9 103 22-May-73	1.09 2.3	1.1840	1.5145	1.6480
0 104 12-Jun-73	1.01 2.1	1.0179	1.4573	1.4703
1 105 25-Jun-73	1.00 1.6	1.0056	1.2480	1.2515
2 106 05-Jul-73	0.98 1.6	0.9692	1.2480	1.2286
3 107 20-Jul-73	0.97 1.6	0.9395	1.2480	1.2096
4 108 01-Aug-73	0.95 1.8	0.8986	1.3357	1.2661
5 109 27-Aug-73	0.88 0.9	0.7759	0.9369	0.8253
6 110 13-Sep-73	0.80 1.1	0.6329	1.0509	0.8360
7 111 17-Sep-73	0.79 1.0	0.6232	0.9955	0.7859
8 112 24-Sep-73	0.76 0.9	0.5806	0.9519	0.7254
9 113 01-Oct-73	0.76 1.1	0.5806	1.0509	0.8008
0 114 09-Oct-73	0.77 1.0	0.5900	1.0236	0.7862
1 115 15-Oct-73	0.73 0.9	0.5396	0.9667	0.7101
2 116 22-Oct-73	0.72 0.9	0.5174	0.9667	0.6954
3 117 29-Oct-73	0.69 0.6	0.4829	0.7526	0.5230
4 118 12-Nov-73	0.91 1.4	0.8361	1.1659	1.0661
5 119 19-Nov-73	0.87 1.2	0.7493	1.1035	0.9552
6 120 26-Nov-73	0.80 1.2	0.6329	1.1162	0.8880
•	0.81 1.0	0.6573	1.0236	0.8299
7 121 03-Dec-73				
7 121 03-Dec-73 8 122 12-Dec-73				
7 121 03-Dec-73 8 122 12-Dec-73 9 123 19-Dec-73	1.13 2.5 0.98 2.1	1.2718 0.9573	1.5696 1.4573	1.7701 1.4258

* 4	=M====== NO.	DATE	H(m)	Q(m3/s)	Н^2.0		H*Q^0.5
	=M=======	the second secon		and the second s		THE REAL PLANS AND AND THE PART WAS AND AND THE WAY THE THE PART AND T	
	101 125 30 102 126 07		$\frac{2.38}{2.77}$	11.4	5.6522		8.0313
	103 127 11		2.26	13.8 10.2	7.6933 5.1011		10.3213
	104 128 05		2.72	14.7	7.3754		7.2212
	105 129 11		2.74	14.6	7.5251		10.4112 10.4960
	106 130 18		2.04	8.2	4.1704		5.8420
	107 131 09		1.59	4.8	2.5412		3.5078
	108 132 27		1.55	5.9	2.4164	2.4327	3.7816
	109 133 10		1.37	3.7	1.8897		2.6476
	110 134 17- 111 135 15-		1.34	3.2	1.7904	and the second of the second o	2.3829
	111 135 13-		1.28	3.4 2.5	1.6388		2.3598
	113 137 02-		1.25	2.8	1.2040 1.5693		1.7517 $2.0975$
	114 138 19-		1.51	3.4	2.2672		2.7871
•	115 140 19-		1.64	6.1	2.6790		4.0292
	116 141 25-	-Jul-75	1.40	3.6	1.9658	1.8964	2.6589
	117 142 20-		1.31	3.5	1.7178	1.8587	2.4360
	118 143 25- 119 144 23-		1.06	2.3	1.1186		1.6018
	120 145 01-		$\begin{array}{c} 0.89 \\ 1.12 \end{array}$	$\substack{\textbf{1.6}\\\textbf{1.7}}$	0.7867		1.1269
	121 146 21-		2.65	12.5	1.2445 7.0480		1.4419 9.3922
	122 155 24-		2.73	14.6	7.4418		10.4074
	123 156 28-	-Jun-76	2.15	8.8	4.6437		6.4052
	124 157 26-		1.91	5.9	3.6290	2.4211	4.6121
	125 158 22-		1.38	4.0	1.9149		2.7748
	126 159 26- 127 160 22-		1.20	2.9	1.4349		2.0556
	127 160 22-		$\substack{1.36\\2.21}$	3.7 8.8	1.8480	i i	2.5982
	129 162 04-		2.26	9.7	4.8967 5.1149		6.5562 7.0381
	130 163 20-		2.38	9.2	5.6522		7.2012
	131 164 10-		2.87	15.0	8.2264	and the second s	11.1218
	132 167 21-		2.38	7.6	5.6522	2.7651	6.5738
	133 168 09-		1.90	6.5	3.6058	·	4.8566
	134 169 14-		1.54	4.8	2.3693		3.3772
	135 170 08- 136 171 20-		$\frac{1.21}{0.92}$	$\begin{array}{c} 1.9 \\ 1.6 \end{array}$	1.4716 0.8417		1.6709
	137 172 13-		1.11	1.7	1.2309		$1.1656 \\ 1.4582$
	138 173 01-		0.78	0.9	0.6136		0.7339
	139 174 14-		1.93	7.1	3.7225		5.1232
	140 175 14-		0.88	1.2	0.7706		0.9798
	141 176 17-		1.03	1.5	1.0677		1.2538
	142 177 05- 143 181 22-		1.25 0.79	1.9 $1.4$	1.5693		1.7383
	144 182 12-		0.79	1.6	0.6280 0.7077		0.9335 1.0688
	145 183 18-		1.43	3.9	2.0522		2.8216
	146 184 11-		0.73	1.2	0.5351		0.8072
	147 185 24-			2.3	1.5014	1.5051	1.8442
	148 186 10-			1.8	0.9633		1.3109
	149 187 08-				0.6773		1.0455
·	150 188 21-	Jun-84	0.92	1.8	0.8529	1.3567	1.2530
	:	* .	**				
•							
					67		•
•			•	4.2-	67		

=M================	22222222			a stand more more mode takes also made days days days gave area.	
NO. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
151 189 09-Nov-84	0.76	0.8	0.5806	0.8744	0.6663
152 191 22-Apr-85	2.23	8.3	4.9508	2.8804	6.4091
153 192 19-Jun-85	1.49	3.2	2.2124	1.7809	2.6489
154 194 26-Jan-88	2.56	13.6	6.5552	3.6944	9.4589
155 195 13-Dec-88	1.35	4.2	1.8232	2.0402	2.7549
156 196 22-Feb-90	2.40	11.8	5.7600	3.4395	8.2547
157 197 22-Feb-90	1.05	3.1	1.1025	1.7692	1.8576
158 198 13-Jun-90	0.91	1.8	0.8281	1.3229	1.2038
159 199 12-Jul-90	0.87	1.3	0.7569	1.1446	0.9958
160 200 16-Aug-90	0.70	0.6	0.4900	0.8000	0.5600
161 201 09-Oct-90	0.65	0.6	0.4225	0.7746	0.5035
162 202 03-Nov-90	1.02	2.7	1.0404	1.6553	1.6884
163 203 21-Dec-90	1.89	6.1	3.5721	2.4718	4.6718
164 204 11-Jan-91	2.83	15.1	8.0089	3.8794	10.9788
165 205 07-Mar-91	2.59	13.7	6.7081	3.6986	9.5795
OMIT 92 19-Jan-72	2.59	7.4	6.7122	2.7238	7.0568
OMIT178 07-Jan-81	1.59	2.5	2.5315	1.5875	2.5258
OMIT179 19-Feb-81	2.85	9.5	8.1045	3.0846	8.7812
OMIT193 30-Apr-87 =M============	1.77	3.1	3.1253	1.7488	3.0916
TOTAL	242.96	844.11	431.69	338.23	602.32
DISCHARGE -	RATING (	CURVE : Q	= a * (H + b)	======================================	
	+				
(where, OMI	: Omit	ted Data)		a' =	1.410452
		• •	44.0	b' =	-0.026996

DISCHARGE RATING CURVE(2)

(where,	H >= 2.920  m	STATION:		
NO. DATE	H(m) = Q(m3/s)	H^2.0	o^0.5	ዘ∗ດ^ስ 5
1 14 24-Feb-60	3.30 23.8	10.9166	4.8829	16.1333
2 15 18-Mar-60	3.49 32.0		5.6567	19.7588
3 35 22-Feb-61	3.39 29.4		5.4222	18.3613
4 36 01-Mar-61	3.16 22.3		4.7223	14.9117
5 37 22-Mar-61	3.19 23.6	10.1647	4.8580	15.4883
6 69 06-Feb-62	3.43 32.0	11.7790	5.6567	19.4140
7 70 20-Feb-62	3.02 19.7	9.1238	4 4362	13.4000
8 71 02-Mar-62	3.61 41.1		6.4078	23.1050
9 72 15-Mar-62	3.38 27.8		5.2706	17.8157
10 73 18-Mar-62	3.77 32.8	14.1928	5.7313	21.5916
11 74 11-Apr-62	3.83 32.0	14.6791	5.6567	21.6726
12 75 17-Apr-62	3.25 22.5		4.7477	15.4259
13 76 04-May-62	3.14 22.5		4.7417	14.8862
14 80 14-Jan-63	3.19 22.7		4.7596	15.2035
15 81 05-Feb-63	3.37 32.0		5.6567	19.0864
16 82 11-Feb-63	3.38 32.0		5.6567	19.1381
17 83 21-Feb-63	3.39 34.3		5.8535	19.8575
18 84 01-Mar-63	3.33 29.2		5.4006	17.9589
19 85 11-Mar-63	3.33 30.0		5.4787	18.2687
20 86 16-Mar-63	3.30 28.1		5.3054	17.4968
21 87 27-Mar-63	3.22 24.2		4.9176	15.8431
22 88 29-Mar-63	3.12 22.1		4.7027	14.6492
23 139 17-Feb-75	2.97 15.1		3.8886	11.5680
24 147 02-Feb-76	3.05 15.8		3.9715	12.1292
25 148 19-Feb-76	3.22 15.2	10.3600	3.8995	12.5513
26 149 01-Mar-76	3.33 25.2		5.0230	16.7339
27 150 22-Mar-76	3.67 30.0		5.4813	20.1318
28 151 23-Mar-76	3.65 33.7		5.8049	21.1967
29 152 02-Apr-76	3.52 33.5		5.7878	20.3757
30 153 13-Apr-76	3.96 45.0		6.7100	26.5876
31 154 04-May-76	3.19 23.8		4.8800	15.5436
32 165 09-Mar-77	3.26 20.9		4.5714	14.9090
33 166 14-Mar-77	3.35 27.2		5.2138	17.4810
34 180 13-Mar-81	3.43 22.0		4.6876	16.0596
35 190 18-Jan-85 =M=============	2.94 14.5		3.8039	11.1770
TOTAL 1		393.96	179.65	605.91
PICCUANCE D				
DISCHARGE - R	ATING CURVE : (	a = a * (H + b)	) 2	
		•	a' =	2.461370
			b' =	-3.105398
			a =	6.058342
			a - b = -	-1.261654
		Correlation C	77.4	0.847
=M=====================================				U.041

=M=					==========	111110 OOL F	:=====================================
		ATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
1			0.82	7.6	0.6773	2.7599	2.2713
2		ep-59	0.58	6.3	0.3319	2.5185	1.4509
.3			0.47	4.5	0.2203	2.1219	0.9960
4			0.51		0.2560	2.2702	1.1486
5			0.61	6.2	0.3716	2.4959	1.5215
6			0.76	8.2	0.5760	2.8557	2.1674
7			0.98	11.3	0.9692	3.3655	3.3134
8		The second second	1.00	12.2	0.9934	3.4976	3.4860
9			1.69	25.7	2.8513	5.0735	8.5670
10			1.53	23.7	2.3412	4.8655	7.4446
11			1.21	16.5	1.4716	4.0561	4.9205
12			2.22	44.5	4.9372	6.6676	14.8154
13			3.30	86.1	10.8764	9.2781	30.5986
14	14 25-F€		3.79	112.4	14.3771	40 40 4	40.2025
15	15 22-Ma		5.04	190.6	25.4464	13.8048	69.6375
16	16 30-Ma		4.43	156.0	19.6408	12.4910	55.3576
17	17 09-Ma		2.57	54.9	6.5865	7.4118	19.0217
18	18 09-Ma		2.56	59.7	6.5552		19.7906
19	19 30-Ma		1.86	32.8	3.4569	5.7313	10.6560
20	20 15-Ju		1.58	25.1	2.5121	5.0117	7.9433
21 22	21 28-Ju		1.40	19.4	1.9488	4.4042	6.1482
23	22 19-Ju		1.23	16.7	1.5088	4.0874	5.0207
24	23 26-Ju 24 18-Au		1.16	16.5	1.3415		4.7020
25	25 26-Au		0.99	12.1	0.9873	3.4813	3.4592
26	26 14-0c		0.92	10.4	0.8473	3.2237	2.9674
27	20 14-00 27 08-No		0.62	6.1	0.3791	2.4674	1.5192
28	28 07-De		0.54	5.0	0.2878		1.2010
29	29 22-De		0.70	6.9	0.4957	2.6178	1.8431
30	30 13-Ja		$\frac{1.81}{2.10}$	29.7	3.2780	5.4528	9.8723
31	31 20-Ja		2.10	36.5 49.0	4.3975	6.0439	12.6742
32	32 27-Ja		3.11	77.0	5.9013		17.0027
33	33 16-Fe		4.59	145.3	9.6656	8.7762	27.2849
34	34 23-Fe		4.89	162.5	21.0707 23.9321	12.0526	55.3250
35	35 16-Ma		4.72	152.9	22.3200	12.7491	62.3689
36	36 12-Ap		4.69	161.1	22.0329	12.3657	58.4206
37	37 19-Ap		4.57	151.2	20.8475	12.6934 $12.2968$	59.5819
38	38 27-Ap		4.12	125.4	17.0069	11.2002	56.1461
39	39 11-Ma		3.51	96.3	12.2864	9.8121	46.1888
40	. 40 17-Ma		3.35	88.6	11.2413	9.4144	34.3934
41	41 30-Ma		2.79	62.0	7.7951	7.8749	31.5647
42	42 27-Ju		2.07	37.9	4.2958	6.1599	21.9864
43	43 17-Ju		1.75	28.9	3.0609	5.3743	12.7673
44	44 25-Ju		1.66	27.8	2.7595	5.2706	9.4026
45	45 15-Au		1.40	20.6	1.9658	4.5435	8.7552
46	46 23-Aug		1.32	18.9	1.7499	4.3492	6.3703
47	47 13-Sep		1.07	14.4	1.1446	3.8002	5.7533
48	48 27-Ser		0.91	10.5	0.8361	3.2412	4.0656
49	49 06-Oct		0.83	9.4	0.6823	3.0615	2.9638 2.5288
50	50 11-Oct		0.78	8.5	0.6136	2.9098	2.2793
				<del></del> .	3.0100	2,0000	4.6170

=M=:	====		222222222	222222222			
	NO	DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
-m		18-Oct-61	0.73	7.8		0.000	
52		01-Nov-61		9.4	0.5307 0.6975	2.8007 3.0615	2.0402 2.5568
53		09-Nov-61	1.23		1.5014	3.8740	4.7468
54		22-Nov-61	1.98	33.7	3.9131	5.8049	11.4830
55	55	12-Dec-61		48.4	6.4774	6.9586	17.7101
56		19-Dec-61	3.38	81.0	11.4054	8.9992	30.3921
57		04-Jan-62	3.69	95.1	13.6019	9.7542	35.9743
58		12-Jan-62	4.57	141.0	20.9032	11.8751	54.2929
59		23-Jan-62	4.47	139.3	19.9663	11.8033	52.7417
60		01-Feb-62	5.15	185.5	26.5026	13.6189	70.1112
61		05-Feb-62	and the second s	214.9	31.3849	14.6603	82.1304
63		09-Feb-62 19-Feb-62	6.10	263.3	37.1984	16.2280	98.9751
64		13-ren-62	5.47	209.5	29.9336	14.4757	79.1986
65		08-May-62	6.63 5.30	334.1	43.9894	18.2795	121.2376
66		16-May-62	4.95	206.4 183.2	28,0950	14.3677	76.1554
67		30-May-62	4.33	138.5	24.4719 18.4177	13.5355	66.9589
		19-Jun-62	3.46	92.6	11.9891	11.7673	50.5004
69		19-Mar-63	6.06	245.2	36.7536	9.6227	33.3188
70		10-Aug-66		16.1	1.4864	15.6596 4.0105	94.9360
71		15-Jan-71	5.38	186.9	28.9742	13.6708	4.8896
72		29-Jan-71	5.95	222.3	35.4352	14.9093	73.5868 88.7512
73		14-Feb-71	5.99	227.4	35.9085	15.0793	90.3605
74		13-Sep-71	1.79	25.1	3.2121	5.0145	8.9871
75	75	08-0ct-71		17.1	2.0697	4.1322	5.9448
76	76	15-Oct-71	1.35	14.6	1.8232	3.8151	5.1514
77		22-Nov-71	2.05	28.5	4.1954	5.3373	10.9322
78		16-Dec-71	2.33	23.9	5.4369	4.8916	11.4058
79		07-Apr-72	5.65	207.5	31.9682	14.4051	81.4468
- 80		09-May-72	4.26	130.6	18.1830	11.4267	48.7251
4		06-Sep-72	1.83	26.8	3.3445	5.1784	9.4703
82		04-May-73	2.38	33.7	5.6522	5.8074	13.8066
83		15-May-73	1.96	26.8	3.8411	5.1784	10.1490
84		22-May-73	1.79	21.2	3.1903	4.6023	8.2203
85		29-May-73	1.67	20.5	2.7899	4.5278	7.5629
86		04-Jun-73	1.60	19.0	2.5606	4.3557	6.9700
87		13-Jun-73	1.50	16.4	2.2397	4.0491	6.0598
88 89		21-Jun-73		14.8	2.1138	3.8520	5.6004
90		29-Jun-73	$\begin{array}{c} 1.37 \\ 1.34 \end{array}$	16.3	1.8729	4.0316	5.5175
91		05-Jul-73 12-Jul-73	1.34	13.3	1.7986	3.6520	4.8978
92		17-Jul-73	1.28	12.5 11.2	1.7258	3.5378	4.6476
93		24~Ju1-73	1.26	and the second s	1.6388	3.3402	4.2760
94		31-Jul-73	1.22	11.6	1.6000 1.4939	3.3061	4.1820
95		15-Aug-73	1.15	7.0	1.4939 $1.3204$	3.4073	4.1646
96		20-Aug-73	1.12	12.5	1.2581	2.6447 3.5378	3.0390
97		27-Aug-73	1.09	9.7	1.1774	3.1120	3,9682
98		13-Sep-73	0.97	7.7	0.9454	2.7753	3.3768
99		17-Sep-73	0.99	7.7	0.9873	2.7804	2,6984 2,7627
		24-Sep-73	0.95	7.0	0.8986	2.6447	2.7027
4.5	71						W+0010
		•					**
	٠.	200	1				
		•		_		-	
				4.2-	71	-	
		* 					

for the second s	** w. ** ** ** ** ** ** ** ** ** ** ** ** **			-	
NO. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
	=======================================	*=======			
101 101 01-Oct-73	0.92		0.8417	2.5851	2.3717
102 102 09-Oct-73	0.93	7,2	0.8586		2.4899
103 103 15-Oct-73				2.5465	2.1888
104 104 29-Oct-73		6.0		2.4559	1.9463
	1.03		1.0614	2.8804	2.9675
106 106 12-Nov-73	1.39		·		
107 107 19-Nov-73	1.31	9.8	1.7178	3.1346	
108 108 26-Nov-73	$\frac{1.22}{1.17}$	11.2	1.4790	3.3487	4.0725
109 109 03-Dec-73	1.17	8.9	1.3771	2.9771	3.4936
110 110 10-Dec-73	1.41	12.0	1.9744	3.4650	4.8688
111 111 19-Dec-73	1.44	14.6	2.0610	3.8225	5.4876
112 112 31-Dec-73	1.77	23.3	3.1253	4.8246	8.5291
113 113 15-Jan-74		41.0	7.8121	6.4033	17.8974
114 114 21-Jan-74	2.52		6.3386	5.9089	14.8764
115 115 30-Jan-74		46.1	9.2346	6.7876	
116 116 08-Feb-74	3.47		12.0102	8.0650	
117 117 13-Feb-74	3.21	55.9		7.4765	-,
118 118 26-Feb-74	3.94		15.5080	8.7520	
119 119 11-Mar-74	4.59	126.5	21.0428	11.2468	
120 120 29-Mar-74		95.1	18.0015	9.7513	
121 121 17-Apr-74	4.24	111.1	17.9756	10.5384	44.6805
122 122 26-Apr-74			15.1026	8.5672	
123 123 06-May-74	3.34				27.0459
124 124 25-May-74		50.9	8.8860	7.1334	21.2643
125 125 13-Jun-74	2.44				14.7374
126 126 09-Jul-74	1.98	22.8	3.9372	4.7715	9.4677
127 127 07-Aug-74	1.65	19.3	2.7091	4.3913	7.2278
128 128 05-Nov-74	0.85	$6.1_{-}$	0.7232	2.4731	2.1031
129 129 18-Nov-74	0.76		0.5714	2.3857	1.8034
130 130 31-Jan-75		62.0	13.8277	7.8749	29.2833
131 131 03-Feb-75		62.5	12.5874	7.9072	40.000.
132 132 07-Feb-75			21.8046	11.0538	51.6163
133 133 12-Feb-75	4.54		20.6531	10.4846	47.6478
134 134 19-Feb-75		77.5	:	8.8052	33.6820
135 135 28-Feb-75 136 136 17-Mar-75		90.4	15.7006	010007	37.6655
	6.54	274.8	42.7449	16.5767	108.3777
137 137 01-Apr-75	5.59	188.6	31.2825	13.7338	76.8145
138 138 21-Apr-75	5.19	140.7	26.9122	11.8608	61.5301
139 139 11-Jun-75	2.87	48.9	8.2089	6.9931	20.0360
140 140 11-Jul-75	2.28	33.2	5.2119	5.7633	13.1573
141 141 25-Jul-75	2.05	30.9	4.2078	5.5582	11.4016
142 142 25-Aug-75	1.74	20.8	3.0184	4.5590	7.9206
143 143 26-Sep-75	1.34	13.5		3.6675	4.8962
144 144 23-Oct-75		11.2	~ * * * * * * * * * * * * * * * * * * *	3.3402	3.9705
145 145 10-Nov-75		6.9	0.9395	2.6232	2.5425
146 146 19-Nov-75	1.16	9.7	1.3486	3.1074	3.6086
147 147 04-Dec-75	1.37	13.4	1.8646	3.6598	4.9974
148 148 29-Dec-75	3.09	53.2	9.5523	7.2963	22.5504
149 149 16-Jan-76	4.89	108.2	23.8724	10.4005	50.8162
150 150 29-Jan-76	5.22	152.3	27.2930	12.3428	64.4821

	=M=====			<del></del>	** *** *** *** *** *** *** *** *** ***	#1 PF AE AU AN AU AU AU AU AU AU	
		. DATE		Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
• •							and the second s
		19-Feb-76	5.58	179.0	31.1123	13.3777	74.6186
		16-Mar-76	6.01	216.3	36.1280	14.7085	88.4079
		22-Mar-76	6.34	256.6		16.0172	101.4977
		02-Apr-76	6.34	259.2	40.1549	16.1001	102.0228
		12-Apr-76	7.07		49.9180	19.3335	136.5959
		21-Apr-76	6.25		39.1187	16.1229	100.8408
		14-May-76	5.49	198.0	30.1675	14.0730	77.2956
		01-Jun-76	4.57	127.1	20.8475	11.2758	51.4840
		26-Jul-76	2.94	56.7	8.6514	7.5293	22.1461
	160 160	02-Aug-76	2.80	49.8	7.8633	7.0556	19.7849
	161 161	07-Sep-76	2.26	32.3	5.0874	5.6866	12.8263
	162 162	07-Oct-76	1.77	21.9	3.1253	4.6846	8.2816
	163 163	11-Nov-76	1.90	24.8		4.9805	9.4423
	164 164	28-Dec-76	3.38	62.2	11.4466	7.8857	26.6794
		19-Jan-77	3.85	86.6	14.7961	9.3086	35.8061
		11-Feb-77	4.75	132.0	22.6089	11.4897	54.6321
		18-Feb-77	4.79	131.1	22.9873	11.4502	54.8980
4		03-Mar-77	6.38	265.3	40.6976	16.2889	103.9146
		13-Apr-77	5.70		32.4873	14.5264	82.7972
		03-May-77	4.69	238.1	21.9757	15.4319	72.3422
		06-Jun-77		64.3	10.4978	•	25.9767
		06-Jul-77	2.64				· · · · · · · · · · · · · · · · · · ·
				49.8	6.9834	7.0556	18.6452
		11-Aug-77	2.16	29.7	4.6832	5.4476	11.7890
		20-Sep-77	1.66	21.1	2.7493		7.6158
		26-Oct-77	1.52	11.2	2.3226	3.3444	5.0969
	and the second s	01-Nov-77	2.05	10.3	4.1829	3.2105	6.5661
•		21-Dec-77	3.68	73.3		8.5639	31.4800
		23-Feb-78		339.3	42.9844		
		06-Mar-78	6.57	349.5			122.7941
		10-May-78	5.56	221.6	30.9086	14.8846	82.7516
		13-Jul-78	3.37	69.5	11.3437	8.3394	28.0876
•	182 182	04-Jun-80	3.71	90.7	13.7598	9.5236	35.3270
	183 183	15-Sep-80	1.92	22.2	3.6873	4.7147	9.0534
	184 184	08-Oct-80	1.58	16.0	2.4928	4.0034	6.3208
	185 185	13-Nov-80	1.41	14.6	1.9916	3.8225	5.3944
		05-Dec-80	1.91	21.6	3.6290	4.6452	8.8490
		06-Jan-81	2.78	46.1	7.7102	6.7918	18.8589
		02-Feb-81	3.76	94.7	14.1239	9.7295	36.5653
		10-Mar-81	5.93	228.4	35.2178	15.1130	89.6876
		06-Apr-81	5.40	195.4	29.1385	13.9770	75.4482
		04-May-81	4.42	121.3	19.5598	11.0153	48.7170
		12-Jul-81	2.02	28.1	4.0714	5.3000	10.6943
		16-Jul-81	2.02				
				34.2	5.1564	5.8511	13.2864
		08-Sep-81	1.68	20.8	2.8103	4.5621	7.6479
		16-Oct-81	1.25	20.5	1.5541	4.5278	5.6446
		13-Nov-81	1.09	9.6	1.1907	3.1029	3.3858
		18-Dec-81	1.78	21.2	3.1685	4.6023	8.1922
		07-Jan-82	1.80	20.7	3.2340	4.5466	8.1762
	the state of the s	03-Mar-82	4.73	139.1	22.3488	11.7925	55.7486
	200 200	11-Jun-82	2.19	36.0	4.8161	6.0039	13.1760

=M====================================				
NO. DATE	H(m) Q(m3/s)	H^2.0		H*Q^0.5
201 201 09-Jul-82	1.74 21.9	3.0184	4.6846	8.1389
202 202 30-Aug-82	1.35 14.6	1.8315	3.8225	5.1730
203 203 22-Oct-82	1.70 19.9	2.9030	4.4649	7.6074
204 204 15-Nov-82	1.32 12.9	1.7418	3.5895	
205 205 08-Dec-82	2.92 51.9	8.5085	7.2025	
206 206 20-Jan-83	3.66 76.1	13.3780	8.7261	31.9164
207 207 08-Apr-83	5.00 174.4	25.0177	13.2073	66.0597
208 208 07-Jun-83	2.13 35.3	4.5522	5.9375	12.6684
209 209 14-Jul-83	1.78 25.3	3.1794	5.0342	8.9765
210 210 09-Aug-83	1.58 17.1	2.4928	4.1356	6.5296
211 211 07-Sep-83	1.31 12.4	1.7098	3.5218	4.6050
212 212 07-Oct-83	1.05 6.9	1.1058	2.6232	2.7584
213 213 02-Dec-83	1.46 9.8	2.1227	3.1346	4.5670
214 214 21-Jun-84	1.64 19.5	2.6890	4.4138	7.2379
215 215 10-May-85	3.99 81.6	15.9431	9.0306	36.0583
216 216 23-Apr-86	6.70 284.7	44.9242	16.8738	113.0977
217 217 30-Apr-87	4.08 95.9	16.6817	9.7948	40.0050
218 218 19-Jun-90	2.01 28.2	4.0401	5.3104	10.6738
219 219 16-Jul-90	1.49 15.6	2.2201	3.9535	5.8907
220 220 21-Aug-90	1.20 11.0	1.4400	3.3136	3.9763
221 221 13-Oct-90	0.88 6.5	0.7744	2.5417	2.2367
222 222 06-Nov-90	0.81 4.8	0.6561	2.1794	1.7654
223 223 21-Dec-90	1.29 9.1	1.6641	3.0100	3.8829
224 224 15-Jan-91	3.89 70.8	15.1321	8.4161	32.7385
225 225 13-Feb-91	5.28 165.7	27.8784	12.8740	67.9747
226 226 08-Mar-91	5.45 164.2	29.7025	12.8144	69.8387
=M==============				
T O T A L	628.73 16276.86		1648.03	6274.35
DISCHARGE -	RATING CURVE :	$Q = a * (H + b)^{-}$	2	
			a' =	2.459400
			b' = 1	0.450177
			a =	6.077933
			b ≂	0.184242
		Correlation Coe		0.988
=M====================================				
		e a	and the second	
		e e e		
•	•			

=M=:	=====	22222222				TAIN OOU I	=======================================
14	NO.	DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
1	2	06-Mar-52	7.86	558.0	61.8400	23.6211	185.7523
.2	3	18-Mar-52	7.21	481.7	52.0067	21.9483	
3	4	23-Mar-52	6.61	378.9	43.7471	19.4648	128.7435
4		29-Apr-52	3.54	140.6	12.5010	11.8584	41.9275
5	6	21-May-52	2.59	85.7	6.7122	9.2598	23.9902
6		24-May-52	2.68	106.2	7.1944	10.3075	27.6472
7		02-Jun-52	2.38	81.0	5.6522	8.9977	21.3914
8		08-Jun-52		56.4	4.2958	7.5124	15.5704
9		08-Jul-52	1.80		3.2340	6.9362	12.4734
10		23-Jul-52	1.69	42.8		6.5412	11.0653
11		15-Aug-52	1.39	31.3	1.9233	5.5912	7.7541
12		29-Aug-52	1.20	27.0	1.4495	5.1948	6.2543
13		24-Oct-52	0.67	13.8	0.4497	3.7173	2.4927
14		21-Nov-52	1.15	17.8	1.3274	4.2170	4.8586
15		31-Dec-52		50.9	3.9252	7.1334	14.1327
16		23-Jan-53	2.44	77.0	5.9458	8.7730	21.3920
17		24-Feb-53	3.17	102.3	10.0484		32.0630
18		21-Apr-53	3.90	160.9	15.2212	12.6856	49.4921
19 20		12-May-53	2.77	100.2	7.6933		27.7703
21		04-Jun-53 29-Jun-53	2.07	59.3	4.2958	7.7004	15.9601
22		29-Jul-53	2.07	47.5	4.2958	6.8891	
23		20-301-53 17-Aug-53	$\begin{array}{c} 1.37 \\ 1.14 \end{array}$	32.5	1 8646	5.7016	7.7855
24		17-Aug-53 02-Sep-53	0.94	24.9	1.2926	4.9890	5.6721
25		24-Sep-53	0.79	20.5 14.7	0.8928	4.5310	4.2812
26		21-0ct-53	0.75	9.0	0.6280 0.3010	3.8373	3.0410
27		05-Nov-53	0.33	7.4	0.2090	3.0055	1.6489
28		25-Nov-53	0.85	8.7	0.7284	2.7290 2.9436	1.2477
29		04-Dec-53	1.55	21.9	2.4164	4.6786	2.5122 7.2727
30		22-Dec-53	2.83	83.7	8.0352	9.1490	
31		05-Jan-54	2.83	99.1	8.0352	9.9553	25.9342 28.2198
32		28-Jan-54	3.99	169.9	15.9431	13.0335	52.0413
33		15-Feb-54	5.10	233.6	26.0340	15.2844	
34		05-Mar-54	4.71	227.3	22.1475	15.0774	70.9559
35		23-Mar-54	4.60	213.6	21.1828	14.6158	67.2690
36		06-Apr-54	3.85	158.0	14.8431	12.5712	48.4329
37		03-May-54	2.50	79.8	6.2468	8.9345	22.3305
38		)2-Jul-54	1.36	25.7	1.8397	5.0707	6.8777
39		04-Aug-54	1.10	20.9	1.2040	4.5745	5.0195
40	41 (	)2-Sep-54	0.82	15.3	0.6773	3.9104	3.2181
41	42 3	30-Sep-54	0.49	8.6	0.2378	2.9243	1.4261
42		15-Nov-54	0.73	4.8	0.5351	2.1876	1.6003
.43		9-Dec-54	1.13	20.5	1.2718	4.5247	5.1028
44	45 1	1-Jan-55	1.77	45.6	3.1253	6.7520	11.9365
45		l1-Feb-55	3.52	135.0	12.3935	11.6171	40.8975
46		9-Mar-55	5.82	288.5	33.8920	16.9851	98.8815
47		18-Apr-55	3.79	167.2	14.4002	12.9288	49.0618
48		)2-Jun-55	2.19	63.5	4.8161	7.9714	17.4937
49		21-Jul-55	1.36	31.3	1.8397	5.5988	7.5940
50	51 2	29-Aug-55	0.91	19.1	0.8361	4.3655	3.9918

	** M *** *** *** ***						
	NO	DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
	51 52	11-0ct-55	0.65	13.2	0.4215	3.6365	2.3609
	52 53	17-Nov-55	0.55	9.4	0.3010	3.0661	1.6822
		13-Nov-56	0.83	18.7	0.6924	4.3264	3.6000
	54 55	16-Apr-59	1.70	62.1	2.8927	7.8821	13.4057
		28-Apr-59	1.22	41.1	1.4864	6.4100	7.8150
		28-Jun-59	0.45	14.6	0.2035	3.8188	1.7227
		25-Jun-59	0.40	13.8	0.1570	3.7173	1.4730
		09-Jul-59	0.34	12.0	0.1165	3.4609	1.1815
		23-Jul-59	0.27	9.8	0.1103	3.1256	0.8574
		03-Aug-59	0.24	10.3	0.0595		
		13-Aug-59	0.20	9.0		3.2061	0.7818
	the second secon	17-Sep-59	0.20		0.0417	3.0008	0.6128
		06-Oct-59		6.7	0.1338	2.5851	0.9455
			0.33	5.9	0.1084	2.4386	0.8027
	the state of the s	30-Oct-59	0.27	4.5	0.0736	2.1152	0.5738
		19-Nov-59	0.28	4.7	0.0804	2.1615	0.6127
		28-Nov-59	0.52	6.6	0.2685	2.5631	1.3281
		05-Dec-59	0.52	6.4	0.2717	2.5241	1.3156
		18-Dec-59	1.26	20.0	1.5846	4.4680	5.6245
		24-Dec-59	1.35	21.7	1.8232	4.6573	6.2886
		07-Jan-60	2.29	46.9	5.2537	6.8520	15.7053
		20-Jan-60	1.17	21.6	1.3628	4.6452	5.4227
		08-Feb-60	2.30	66.4	5.3097	8.1505	18.7812
•		22-Feb-60	5.60	253.9	31.3166	15.9357	89.1780
	74 75	21-Mar-60	5.35	259.9	28.6144	16.1212	86.2360
	75 76	04-Apr-60	3.82	169.6	14.5859	13.0237	49.7396
	76 77	11-May-60	1.98	60.3	3.9372	7.7626	15.4030
	77 78	31-May-60	1.43	35.7	2.0522	5.9732	8.5570
		20-Jun-60		25.2	1.3771	5.0173	5.8877
		20-Jul-60	0.92	18.5	0.8417	4.2968	3.9421
		05-Aug-60	0.81	15.4	0.6573	3.9284	3.1851
		19-Aug-60	0.71	13.5	0.5000	3.6791	
		21-Oct-60	0.42	5.9	0.1744	2.4269	2.6016
		07-Nov-60	0.32	4.4	0.1744		1.0134
		08-Dec-60	0.65	7.9		2.1085	0.6812
		23-Dec-60	1.61	34.2	0.4215	2.8057	1.8215
		05-Jan-61			2.5802	5.8462	9,3908
			2.25	60.3	5.0462	7.7626	17.4378
		13-Jan-61	1.89	43.9	3.5597	6.6272	12.5036
		20-Jan-61	2.20	60.2	4.8295	7.7608	17.0552
		27-Jan-61	3.15	116.4	9.8944	10.7907	33.9425
		03-Feb-61	3.44	128.2	11.8208	11.3221	38.9271
		10-Feb-61	3.89	163.9	15.1026	12.8023	49.7521
		17-Feb-61	4.27	190.7	18.2090	13.8099	58.9297
		01-Mar-61	5.51	263.0	30.4023	16.2157	89.4109
		10-Mar-61	4.86	214.5	23.6348	14.6468	71.2062
		17-Mar-61	5.09	207.6	25.9097	14.4070	73.3341
		24-Mar-61	5.81	285.2	33.7856	16.8864	98.1528
		29-Mar-61	5.83	269.7	33.9985	16.4222	95.7551
		30-Mar-61	5.63	275.3	31.7274	16.5929	93.4630
	99 100	04-Apr-61	5.32	236.8	28.2892	15.3869	81.8393
		06-Apr-61	5.02	231.7	25.2316	15.2213	76.4582

.

no. DAT		Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
2)(2222222222	***********				=======================================
101 102 10-Apr			21.4643	14.6410	67.8311
102 103 11-Apr			20.4872	13.9912	63,3282
103 104 12-Apr			19.6678	13.4789	59.7768
104 105 14-Apr			19.9936	14.0548	62.8450
105 106 17-Apr		182.5	17.8982	13.5093	57.1529
106 107 18-Apr			18.3654	13.9426	59.7507
107 108 20-Apr			17.5645	13.7215	57.5067
108 109 21-Apr	-61 4.09	186.2	16.7066	13.6470	55.7802
109 110 22-Apr 110 111 24-Apr	-61 4.00	176.3	16.0162	13.2778	53.1382
110 111 24-Apr 111 112 25-Apr		169.4 162.4	15.0552	13.0140	50.4955
111 112 25-Apr 112 113 27-Apr			14.5859	12.7424	48.6651
112 113 27-Apr 113 114 28-Apr		152.0	13.6695 13.1339	12.6621	46.8148
113 114 25-Apr 114 115 01-May			11.8208	12.3302 11.9346	44.6854
115 116 02-May			11.4466	11.9203	41.0327 40.3298
116 117 05-May		133.4	10.3403	11.5487	37.1364
117 118 08-May	-61 3.06	126.2	9.3648	11.2342	34.3789
118 119 09-May			9.1054	10.5920	31.9617
119 120 10-May			8.7954	10.5263	
120 121 11-May		115.4			31.2722
121 122 12-May	-61 2.87	107.2	8.2089	10.3527	29.6618
122 123 19-May		101.3	7.2600	10.0671	27.1250
123 124 26-May		81.2	5.7688	9.0118	21.6448
124 125 02-Jun	-61 2.15		4.6175	8.2764	17.7846
125 126 08-Jun			3.9252	7.7095	15.2741
126 127 15-Jun			3.3334	7.0294	12.8340
127 128 22-Jun			2.9552	6.9484	11.9448
128 129 29-Jun		41.9	2.5802	6.4693	10.3917
129 130 06-Jul	-61 1.51	39.1	2.2856	6.2512	9.4506
130 131 13-Jul	-61 1.43	35.2	2.0435	5.9304	8.4776
131 132 20-Jul 132 133 27-Jul		31.5	1.7742	5.6165	7.4810
132 133 27-301 133 134 03-Aug		30.0 27.4	1.6155	5.4761	6.9602
134 135 04-Aug			1.4203 1.4058	5.2328	6.2363
135 136 07-Aug		25.9	1.3134	5.0117 5.0930	5.9422 5.8368
136 137 09-Aug			1.2581	4.9032	5.4997
137 138 11-Aug		23.2	1.1973	4.8158	5.2696
138 139 14-Aug			1.1316	4.7981	5.1040
139 140 16-Aug		22.7	1.0994	4.7685	4.9998
140 141 18-Aug		21.2	1.0740	4.6054	4.7726
141 142 21-Aug		21.2	1.0117	4.6084	4.6353
142 143 23-Aug	-61 1.00	20.5	0.9934	4.5310	4.5160
143 144 25-Aug		20.4	0.9513	4.5153	4.4041
144 145 28-Aug		19.9		4.4553	4.2505
145 146 30-Aug			0.8813	4.3329	4.0677
146 147 01-Ser			0.8361	4.3296	3.9590
147 148 04-Sep	0.87	17.7	0.7652	4.2069	3.6801
148 149 06-Ser	0.85	17.0	0.7232	4.1219	3.5052
149 150 08-Seg	o÷61 0.83	16.6	0.6873		3.3772
150 151 11-Seg	0.80	15.8	0.6329	3.9715	3.1594
			* * *	*, · · · · · ·	
•		•			
	· · · · · · · · · · · · · · · · · · ·				
	:				
		4.2-	77		
		4.2-			
			•		

	NO. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	
151	152 13-Sep-61	0.78	15.0	0.6136	3.8740	3.034
	153 15-Sep-61		14.5		3.8114	2.892
	154 18-Sep-61	0.72		0.5174	3.7021	2.663
154	155 20-Sep-61	0.70				2.543
	156 22-Sep-61		13.0	0.4703		2.469
156	157 25-Sep-61	0.66	11.9	0.4415	3.4445	2.288
157	158 27-Sep-61	0.64	11.8	0.4136	3.4404	2.212
	159 29-Sep-61	0.62	11.1	0.3866	3.3359	2.074
	160 01-Dec-61	1.63 1.83	38.6	2.6492	6.2103	10.108
160	161 06-Dec-61	1.83	45.8 53.1	3.3557	6.7688	12.399
161	162 08-Dec-61	1.93	53.1	3.7108	7.2846	14.032
162	163 15-Dec-61	2.36	70.5	5.5512	8.3953	19.780
163	164 18-Dec-61	2.89	97.1	8.3492	9.8524	28.468
164	165 20-Dec-61	3.35	120.2	11.2004	10.9638	36.692
165	166 22-Dec-61	3.66	128.2	13.4227	11.3221	41.480
166	167 27-Dec-61	3.71	141.0	13.7598	11.8751	44.049
167	168 29-Dec-61	4.07	166.5	16.5574		
168	169 03-Jan-62		119.4	11.7163		
169	170 05-Jan-62	3.59	143.1	12.8920	11.9630	
170	171 08-Jan-62	4.08	181.1			54.838
	172 10-Jan-62	4.32	191.7	18.6276	13.8468	
172	173 12-Jan-62	4.19	186.0	17.5645	13.6397	
	174 14-Jan-62	4.40	203.2	19.3984	14 2549	62 783
	175 15-Jan-62	4.44	189.4	19.7490	13.7627	61.161
	176 17-Jan-62	4.31		18.6013	13.4115	
	177 19-Jan-62	4.20		17.6412		53.748
	178 22-Jan-62	4.12			12.8155	52.850
	179 24-Jan-62		191.1		13.8243	60.971
	180 26-Jan-62	4.68	198.3		14.0830	
	181 29-Jan-62		193.0	20.4872	13.8907	
181	182 31-Jan-62	A 5A	3 NO F	20.6254	13.9466	63.338
182	183 02-Feb-62	4.86 5.99	229.1	23.6348	15.1346	73.577
183	184 05-Feb-62	5.99	320.2	35.8720	17.8935	
184	185 07-Feb-62'	6.20 6.25	324.0	38.4732	18.0000	111.648
185	186 12-Feb-62	6.25	342.9	39.0425	18.5188	115.712
	187 12-Feb-62	6.23	291.5	38.8523	17.0732	106.419
	188 14-Feb-62	6.13	304.7		17.4545	
	189 16-Feb-62	6.00		36.0547	16.8402	
189	190 19-Feb-62	6.04	272.9	36.4217	16.5185	99.689
	191 21-Feb-62	6.19	300.0	38.2844	17.3218	107 177
	192 26-Feb-62	6.95	393.4	48.3371	19.8345	137.898
192	193 28-Feb-62	6.77	382.2	45.7863	19.5512	132.29
	194 02-Mar-62	6.87	387.7	47.2414	19.6905	135.337
	195 05-Mar-62	6.57	367,4	43.1444	19.1680	125.90
•	196 07-Mar-62	6.23			18.3891	114.622
	197 09-Mar-62	6.16		37.9082	18.3668	113.08
	198 12-Mar-62	6.63	428.9	43.9489	20.7096	137.292
	199 14-Mar-62	6.80	418.2		20.4488	138.991
	200 16-Mar-62	6.60				130.659

			·	
=M=====================================		*********		
NO. DATE	H(m) Q(m3/s)	H^2.0	Q^0.5 H*Q^0	
201 202 21-Mar-62	7.06 484.5	49.7888	22.0107 155.31	
202 203 24-Mar-06	7.99 518.2	63.7724	22.7640 181.78	
203 204 26-Mar-62 204 205 28-Mar-62	7.59 523.9 7.44 498.4	57.6008	22.8880 173.70 22.3243 166.02	
204 205 28-Mar-62 205 206 30-Mar-62	7.53 513.2	55.3108 56.6792	22.6536 170.54	
206 207 02-Apr-62	7.38 484.5	54.4977	22.0120 162.49	
207 208 04-Apr-62	7.83 506.1	61.3138	22.4968 176.15	
208 209 06-Apr-62	7.50 491.6 6.89 410.3	56.2669	22.1723 166.31 20.2561 139.59	
209 210 09-Apr-62 210 211 11-Apr-62	6.79 408.9	47.4932 46.1583	20.2301 139.38	to a contract of the contract
211 212 13-Apr-62	7.09 453.0	50.3063	21.2841 150.96	
212 213 16-Apr-62	6.68 396.3	44.5979	19.9064 132.93	
213 214 18-Apr-62	6.40 338.0	41.0093	18.3853 117.73	
214 215 24-Apr-62 215 216 25-Apr-62	5.91 309.7 5.85 307.1	34.8929 $34.2478$	17.5983 103.95 17.5250 102.55	
216 217 27-Apr-62	5.90 316.6	34.8569	17.7936 105.05	
217 218 30-Apr-62	5.98 327.0	35.7261	18.0824 108.08	
218 219 02-May-62	5.89 308.3 5.79 305.1	34.6772	17.5597 103.40	
219 220 04-May-62 220 221 07-May-62	5.79 305.1 5.42 270.0	33.5027 29.4023	17.4667 101.09 16.4317 89.09	
221 222 10-May-62	5.09 234.5	25.9408	15.3131 77.99	
222 223 14-May-62	4.78 229.1	22.8705	15.1346 72.37	
223 224 21-May-62	4.32 199.7	18.6802	14.1322 61.08	
224 225 28-May-62 225 226 05-Jun-62	3.94 168.2 3.51 139.1	15.5320 $12.3078$	12.9693 51.11 11.7961 41.38	
226 227 11-Jun-62	3.26 127.8	10.6365	11.3059 36.87	
227 228 18-Jun-62	2.99 114.3	8.9589	10.6918 32.00	
228 229 20-Jun-62	2.95 109.5	8.6873	10.4656 30.84	
229 230 25-Jun-62 230 231 02-Ju1-62	2.80 96.6 2.66 91.6	7.8292 7.0804	9.8294 27.50 9.5711 25.46	
231 232 11-Jul-62	2.51 82.8	6.3232	9.0994 22.88	
232 233 16-Jul-62	2.44 77.0	5.9607	8.7746 21.42	
233 234 23-Jul-62	2.34 69.9	5.4939	8.3615 19.59	
234 235 30-Jul-62 235 236 06-Aug-62	2.22 66.9 2.13 60.6	4.9372 4.5522	8.1800 18.17 7.7863 16.6	
236 237 13-Aug-62	2.03 56.4	4.1332	7.5105 15.26	
 237 238 20-Aug-62	1.92 53.4	3.6873	7.3060 14.03	
238 239 27-Aug-62	1.83 43.3	3.3445	6.5822 12.03	
239 240 03-Sep-62 240 241 31-Dec-63	1.69 41.7 2.45 75.2	2.8411 6.0203	6.4562 10.88 8.6740 21.28	4 1
240 241 31-Dec-03 241 242 16-Jan-64	3.48 116.9	12.1161	10.8143 37.6	
242 243 30-Jan-64	4.74 226.4	22.4642	15.0454 71.30	
243 244 07-Feb-64	4.90 231.7		15.2213 74.5	
244 245 28-Feb-64 245 246 06-Mar-64		27.2612	14.8608 77.59 13.6085 60.19	T-2-1
 246 247 13-Mar-64	4.43 189.2	19.5059 19.6678	13.7544 60.9	
247 248 20-Mar-64	4.53 199.2	20.5148	14.1151 63.9	
248 249 01-Apr-64	3.61   139.4	13.0457	11.8057 42.6	
249 250 10-Apr-64 250 251 17-Apr-64	3.18 119.9	10.1064 8.3316	10.9483 34.8 10.3801 29.9	
200 201 17-Apr-04	2.05 107.7	0.3310	10.3001 23.3	010
	200			
	4.2-			
	4.2-	79		

	ю.	DATE		H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
		3-Apr-64	222		92.0	6.9352	9.5917	25.2596
		1-May-64		2.37		1.4.		20.6463
		7-May-64			65.2	4.7494	8.0773	17.6029
		5-May-64		1.96	52.6	3.8411	7.2554	14.2196
		2-May-64			48.4	3.2449	6.9565	12.5313
256 2	7 2	9-May-64		1.69	41.5	2.8616		10.8993
257 2	8 0	5-Jun-64	i .	1.61	40.3	2.5998	6.3501	10.2388
258 2	9 1	2-Jun-64		1.52	35.5	2.3040	5.9613	9.0488
259 20	0 1	2-Jun-64 9-Jun-64		1.46	34.2	2.1316	5.8462	8.5355
260 20	1 2	7-Jun-64		1.42	31.0	2.0088	5.5709	7.8958
261 20	2 0	3-Jul-64		1.37		1.8813		7.6793
.262 2	33 1	0-Jul-64		1.34		1.7823		7.2274
		4-Jul-64		1.26	26.0	1.5770		6.4026
264 2	35.3	1-Jul-64		1.20	24.5	1.4422	4.9520	5.9469
265 2	6 0	7-Aug-64		1.15	23.0	1.3134		5.5022
266 2	7 2	1-400-64		1.04	20.7	1.0866	4.5528	4.7459
267 20	8 2	8-Aug-64 2-Oct-64	•	0.98	19.6 10.5 8.4	0.9513	4.4235	4.3145
268 2	9 1	2-Oct-64		0.69	10.5	0.4703	3.2369	2.2198
269 2	0 2	7-0ct-64		0.66	8.4	0.4334	2.8902	1.9028
270 2	1 0	3-Nov-64		0.77	9.0	0.5853	3.0008	2.2958
271 2	2 1	0-Nov-64		0.99	13.5	0.9873	3.6714	3.6480
272 2	3 2	0-Nov-64		0.91	11.8	0.8361	3.4280	3.1346
273 2	4 2	7-Nov-64		1.44	26.1	2.0610	5.1041	7.3274
274 2	5 0	4-Dec-64		1.30	21.4	1.6860	4.6299	6.0117
275 2	6 0	8-Dec-64		1.37	22.5	1.8729	4.7447	6.4933
		7-Dec-64		1.28		1.6388	4.3590	5.5802
277 2	8 3	0-Dec-64		1.95	47.3	3.7934	6.8788	13.3976
		4-Jan-65		3.64	117.2	13.2224	10.8261	39.3664
		2-Feb-65		4.04	165.5	16.3103		51.9572
		9-Feb-65		4.52	176.7	20.4045	13,2938	60.0500
		7-Mar-65		4.23		17.9240	12.5893	53.2988
		5-Mar-65		3.63	143.2	13.1781	11.9665	43.4406
		2-Apr-65		3.70	156.0	13,6920	12.4888	46.2118
		9-Apr-65		3.24	129.9	10.4780	11.3969	36.8915
		5-Apr-65		2.92		8.5263	10.3171	30.1258
		3-Apr-65		2.56	86.2	6.5552	9.2842	23.7705
		7-May-65		2.08	63.4	4.3211	7.9643	16.5556
		8-May-65		1.61	42.7	2.5998	6.5347	10.5364
		4-Jun-65		1.51	37.9	2.2948	6.1576	9.3279
		1-Jun-65		1.44	34.7	2.0697	5.8921	8.4767
		8-Jun-65		1.37	31.9	1.8729	5.6517	7.7346
		5-Jun-65		1.30	29.8	1.6860	5.4580	7.0869
4 1		6-Jul-65		1.23	26.6	1.5014	5.1592	6.3216
		0-Jul-65		1.12	23.7	1.2650	4.8684	5.4755
		6-Aug-65		1.07	22.3	1.1381	4.7177	5.0329
		3-Aug-65		1.00	20.2	0.9934	4.4965	4.4816
		0-Aug-65		0.94	17.9	0.8928	4.2270	3.9941
		7-Aug-65		0.91	17.4	0.8306	4.1663	3.7970
		7-Sep-65		0.77	13.5	0.5900	3.6791	2.8259
300 30	1 0	8~Oct-65		0.70	11.0	0.4872	3.3104	2.3106

	NO.	3		Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
		15-Oct-65	0.69	10.1	0.4829	3.1706	2.2034
		3 22-Oct-65	0.66	9.4	0.4334	3.0615	2.0156
	303 304	12-Nov-65	0.84	11.6	0.6975		2.8491
		26-Nov-65	1.01		1.0302		3.4245
		03-Dec-65		16.1	1.3986	4.0070	4.7387
		10-Dec-65		25.6	2.3693	5.0623	7.7921
		17-Dec-65	1.91	46.2	3.6523		12.9837
		24-Dec-65		38.0	2.8411	0 3000	10.0011
		24 Dec 03 24-Jan-66		40.9	3.3557	6.3967	10.3944
		08-Feb-66	3.51	132.8		11.5254	40.3988
	211 211	. 00-reb-00 . 07-Max-66	5.63		12.2864	15.3362	86.3377
	310 314	07-Mar-66 06-Apr-66 21-Apr-66 06-May-66	0.00	123.6	31.6930		
	010 016	0 00-Apr-00	0.04		10.9973	11.1164	36.8645
	014 016	21-Apr-00	0.01	89.7	7.4584	9.4699	25.8624
	015 910	06-May-66	2.01	55.7	4.0591	7.4632	
	210 010	02-Jun-66	1.54	35.8	2.3693		9.2161
		24-Jun-66		26.9	1.5923	5.1866	6.5448
		3 11-Jul-66		23.2	1.2581		5.4083
		08-Aug-66	0.93		0.8642	4.1765	3.8826
1		19-Aug-66	0.85	نخت أسشا	0.7232		3.2443
		12-Sep-66	0.71	11.6 8.2 6.1 7.2	0.5044	3.4073	2.4198
	321 322	06-Oct-66	0.59	8.2	0.3461	2.8557	
	322 323	01-Nov-66	0.54	6.1	0.2911	2.4789	
	323 324	16-Nov-66	0.62	7.2	0.3828	2.6872	1.6627
		08-Apr-67	5.03	217.4	25.3235		74.1911
		5 26-Nov-71		32.3	2.0348		
		01-Jan-72		103.6	7.5419	10.1762	
		3 10-Mar-72			27.3249	15.2157	79.5375
		22-Apr-72	4.05	169.9	16.4336	13.0346	52.8402
		02-Jun-72	2.10	61.3	4.4231	7.8316	16.4708
		19-Jul-72			3.0184	7.3620	12.7904
		24-Aug-72	1.36		1.8397	5.2002	7.0534
	332 333	3 22-Aug-73	0.70	8.2	0.4957	2.8656	2.0177
	333 334	13-Sep-73	0.62	8.4	0.3828	2.9049	1.7974
	334 335	22-Oct-73	0.60	9.3	0.3642	3.0569	1.8448
	335 336	5 25-Jan-74	2.99	92.7	8.9406	9.6300	28.7947
		27-May-74		54.1	5.2119	7.3543	16.7894
	337 338	02-Dec-74	1.77	42.2	3.1468	6.4999	11.5304
		21-Jan-75	1.13	24.2	1.2856	4.9176	5.5758
	and the second second	11-Nov-75	0.63	7.8	0.4019	2.7855	1.7659
		21-May-76	4.36	223.7	18.9712	14.9567	65.1453
		3 12-Jun-76	3.19	108.9	10.1452	10.4345	33.2355
		23-Jul-76	2.27	70.4	5.1702	8.3919	19.0816
	and the second second		1.51	39.3	2.2764	6.2670	9.4554
		5 20-Nov-76	1.46	37.1	2.1405	6.0906	8.9108
	the state of the s	7 13-Dec-76	1.95	59.2	3.8053	7.6930	15.0069
٠		3 27-Jan-77	4.11	161.1	16.8814	12.6934	52.1535
		3 14-Feb-77	3.88	147.5	15.0316	12.1462	47.0916
		06-Mar-77	6,43	295.0	41.3614	17.1765	110.4671
					and the second s		
	349 35.	l 18-May-77	3.02	104.0	9.1238	10.1984 6.1897	30.8050 10.6406

======			72477744			2222222222
NO		H(m)		Н^2.0	Q^0.5	H*Q^0.5
• •	· · · · · · · · · · · · · · · · · · ·					
	26-Aug-77	1.43	37.0	2.0522	6.0789	8.7084
	25-Oct-77	0.73	12.2	0.5351	3.4976	2.5585
	13-Mar-78	7.20	551.7	51.8310	23.4882	169,1006
	16-Dec-79	4.56	157.1	20.7641	12.5340	57.1146
	16-Jun-80	2.65	80.2	7.0318	8.9567	23.7509
356 358	26-Sep-80	1.18	19.5	1.3842		5.2005
	20-Nov-80	1.08	17.5	1.1577	4.1867	4.5046
358 360	18-Mar-81	5.99	244.0	35.8720	15.6216	93.5628
359 361	29-Jul-81	1.79	41.3	3.2121		11.5237
360 362	03-Sep-81	1.40	29.4	1.9488	5.4215	7.5684
361 363	18-Nov-81	0.80	9.3	0.6329	3.0569	2.4318
	10-Mar-82	4.03	155.0	16.2365	12.4513	50.1719
363 365	20-Sep-83	0.82	14.5	0.6773	3.8114	3.1366
364 366	10-Apr-84	3,35	124.1	11.2004	11.1380	37.2757
365 367	10-Jul-84	1.18	22.2	1.3914	4.7117	5.5578
366 368	18-Feb-85	6.61	271.9	43.7471	16.4893	109.0631
367 369	18-Jun-90	1.44	46.3	2.0736	6.8029	9.7962
368 370	16-Jul-90	0.98	17.6	0.9604	4.1893	4.1055
369 371	20-Aug-90	0.73	12.5	0.5329	3.5313	2.5778
370 372	10-0ct-90	0.54	3.2	0.2916	1.8000	0.9720
371 373	03-Nov-90	0.46	5.7	0.2116	2.3937	1.1011
372 374	21-Dec-90	1.13	13.7	1.2769	3.7068	4.1886
373 375	11-Jan-91	2.62	66.5	6.8644	8.1517	21.3574
374 376	11-Feb-91	5.49	176.5	30.1401	13.2865	72.9427
375 377	07-Mar-91	4.08	145.8	16.6464	12.0727	49.2566
OMIT339	21-Jun-74	1.28	166.2	1.6466	12.8915	16.5425
=M=====		=======	=======			
			43539.57	4405.65	3498.54	13760.78
=M=====				:======== } = a * (H +	:======== h\^2	
•	DIDOMANDE	RULLING	OURTE . C	£ - ce , (11 1	~, =	
	(where, OM	IIT : Omit	ted Data	•	a' =	2.693725
•		1	-		b' =	1.808054
					a =	7.268806
•					b =	0.675672
				Correlation	Coefficient	0.993
=M=====	========	=======				==========

the property of the season of the contract of

≈M≕===:						######################################
	. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
	13-Aug-62	3.71	88.6	13.7372	9.4144	34.8934
	15-Sep-62	3.17	50.7	10.0484	7.1195	22.5682
	14-Jun-63	4.27	126.9	18.2611	11.2632	48.1309
	26-Jun-63	4.10	107.0	16.8314	10.3459	42.4452
		3.33	62.6	11.0784	7.9108	26.3303
	30-Aug-63	3.25	58.3	10.5571	7.6376	24.8158
	06-Sep-63	3.16	50.1	9.9712	7.0796	22.3555
	13-Sep-63	3.08	42.8	9.4770	6.5390	20.1302
	20-Sep-63	2.97	43.0	8.8497	6.5606	19.5168
	27-Sep-63	2.89		8.3492	6.2285	17.9972
	04-Oct-63	2.80	32.8	7.8633	5.7313	16.0714
	11-Oct-63	2.75	30.0	7.5586	5.4787	15.0625
	18-Oct-63	2.69	29.4	7.3380	5.4267	14.5889
	25-Oct-63	2.60	26.2	6.7439	5.1179	
	01-Nov-63	2.72	29.7	7.4251	5.4528	13.2907 14.8583
	08-Nov-63	2.93	40.8	8.5619	6.3856	
The second secon	15-Nov-63	3.14	54.1	9.8561	7.3543	18,6849
	22-Nov-63	3.09	49.3	9.5523	7.0194	23.0883
	29-Nov-63	3.46	70.2	11.9469	8.3801	21.6945
	06-Dec-63	3.53	83.0	12.4580	9.1087	28.9652 32.1499
and the second second	13-Dec-63	4.30	133.7	18.4701	11.5609	
4.5	20-Dec-63	4.38	138.2	19.2109	11.7553	49.6853
	27-Dec-63	4.26	130.5	18.1310		51.5236
	03-Jan-64	4.26	129.4	18.1310	11.4254 11.3758	48.6502
	10-Jan-64	4.58	159.4	20.9311		48.4386
* · · · · · · · · · · · · · · · · · · ·	17-Jan-64	5.51	251.5	30.4023	12.6263	57.7660
	25-Jan-64	5.30	213.2		15.8573	87.4344
	31-Jan-64	5.63	261.1	28.1273	14.6023	77.4434
	07-Feb-64	6.36	362.5	31.7274	16.1580	91.0133
	12-Feb-64	6.93	433.2	40.4258	19.0383	121.0477
	11-Mar-64	6.86	416.3	47.9564	20.8146	144.1423
	19-Mar-64	6.40	320.0	47.1158	20.4024	140.0440
	25-Mar-64	6.23	294.5	41.0093	17.8880	114.5520
	01-Apr-64	5.77		38.7763	17,1609	106.8618
	08-Apr-64	5.23	247.5	33.2562	15.7318	90.7223
	15-Apr-64	3.23 4.80	187.7	27.3567	13.7018	71.6657
	22-Apr-64	4.41	153.8	23.0165	12.4000	59.4897
			125.4	19.4252	11.2002	49.3637
	29-Apr-64 06-May-64	4.11	112.7	16.8814	10.6161	43.6183
		3.87	96.6	14.9843	9.8265	38.0381
	13-May-64	3.66	84.7	13.3780	9.2015	33.6554
	20-May-64	3.50	72.5	12.2437	8.5142	29.7920
	27-May-64	3.39	65.1		8.0702	27.3531
	03-Jun-64	3.30	61.7	10.8764	7.8569	25,9115
	10-Jun-64	3.25	55.2	10.5373	7.4309	24.1215
	17-Jun-64	3.16	51.5	10.0098	7.1789	22.7128
the season of th	24-Jun-64	3.14	41.6	9.8561	6.4518	20.2550
	01-Jul-64	3.09	47.9	9.5523	6.9178	21.3805
	08-Jul-64	3.05	46.2	9.3275	6.7939	20.7491
and the second second	15-Jul-64	3.02	43.6	9.1238	6.6036	19.9467
50 50	22-Ju1-64	2.99	41.3	8.9406	6.4298	19.2257

=M===	the second secon		o man was ann ann phù bid din din ma mar mar Man ann ma mar din din ma ma mar mar			
VI	NO. DATE	H(m)		H^2.0	Q^0.5	H*Q^0.5
	51 29-Jul-64	2.95	39.1	8.7052	6.2512	18.4439
52	52 12-Aug-64	2.87	36.0	8.2089	5.9969	17.1817
53	53 26-Aug-64	2.77	30.9	7.6595	5.5557	15.3758
	54 10-Sep-64	2.64	27.4	6.9673 6.2012	5.2355 4.9606	13.8195 12.3529
55 56	55 28-Sep-64 56 14-Oct-64	$\frac{2.49}{2.35}$	24.6 20.0	5.5225	4.4712	10.5074
57	57 28-Oct-64	2.27	15.4	5.1702	3.9248	8.9243
	58 07-Nov-64	2.32	16.5	5.3944	4.0596	9.4287
	59 11-Nov-64	2.41	19.2	5.8275	4.3849	10.5852
60	60 18-Nov-64	2.51	$\begin{array}{c} 25.3 \\ 26.1 \end{array}$	6.2773 6.4930	5.0286 5.1096	12.5990 13.0199
	61 25-Nov-64 62 02-Dec-64	2.90	35.4	8.3845	5.9495	17.2273
	63 09-Dec-64	2.90	36.5	8.4198	6.0439	17.5376
64	64 16-Dec-64	2.94	39.4	8.6334	6.2738	18.4341
65	65 30-Dec-64	3.50	73.1	12.2437	8.5474	29.9081
66	66 06-Jan-65	4.19		17.5645	10.8012 14.0488	45.2677 71.3821
67 68	67 13-Jan-65 68 20-Jan-65	$5.08 \\ 6.25$	197.4 342.6	25.8167 39.0425	18.5104	115.6602
and the second second	69 27-Jan-65	6.36	362.5	40.5033	19.0383	121.1638
70	70 03-Feb-65	6.17	311.5	38.0584	17.6489	108.8790
	71 10-Feb-65	5.86	265.9	34.3906	16.3063	95.6258
72	72 17-Feb-65	6.04	294.5	36.5322	17.1609	103.7234
$\frac{73}{74}$	73 24-Feb-65 74 03-Mar-65	$6.29 \\ 6.18$	339.8 303.0	39.5776 38.2467	18.4337 17.4066	115.9679 107.6493
	75 10-Mar-65	5.96	276.1	35.4715	16.6159	98.9610
76	76 17-Mar-65	6.01	286.0	36.1646	16.9115	101.7010
	77 24-Mar-65	5.70	247.5	32.4873	15.7318	89.6674
78	78 31-Mar-65	5.23	197.7	27.3567	14.0589	73.5330
79 80	79 14-Apr-65 80 21-Apr-65	$\frac{4.75}{4.38}$	$\begin{array}{c} 157.4 \\ 127.1 \end{array}$	22.5509 19.2109	12.5476 11.2758	59.5857 49.4219
	81 28-Apr-65	4.03	102.2	16.2120	10.1106	40.7093
	82 05-May-65	3.76	90.0	14.1469	9.4893	35.6916
	83 12-May-65	3.54	74.5	12.5658	8.6298	30.5911
	84 19-May-65	3.40	64.0	11.5292	7.9998	27.1629
	85 26-May-65 86 02-Jun-65	$3.27 \\ 3.19$	54.9 49.0	10.7161 10.1452	$7.4118 \\ 6.9992$	24.2629 22.2934
	87 09-Jun-65	3.13	44.5	9.7226	6.6676	20.7904
	88 16-Jun-65	3.07	41.3	9.4208	6.4298	19.7353
	89 23-Jun-65	3.01		9.0320	6.2285	18.7187
	90 30-Jun-65	2.94		8.6693	5.8776	17.3059
	91 07-Jul-65	2.91	33.7	8.4730 8.4198	5.8049 5.7313	16.8972 16.6304
	92 14-Jul-65 93 22-Jul-65	2.90 2.88	32.8 31.4	8.3140	5.6064	16.1655
	94 28-Jul-65	2.84	30.9	8.0698	5.5557	15.7822
95	95 04-Aug-65	2.81	30.3	7.8975	5.5045	15.4689
	96 18-Aug-65	2.68	27.2	7.1781	5.2138	13.9689
	97 01-Sep-65	2.58	25.3	6.6807 6.5085	5.0286 4.9291	12.9975 12.5750
	98 15-Sep-65 99 13-Oct-65	2.55 2.35	24.3 20.2	5.5082	4.4933	10.5456
	00 27-Oct-65	2.29		5.2258	4.2404	9.6936
					4 4 5	
			•	•		
			*			

	=M=====	:=======						
	NO	. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5	
		10-Nov-65	2.24	16.1	5,0325	4.0175	9.0127	-
		24-Nov-65			6.1255	4.4170	10.9321	
٠		08-Dec-65	2.73	29.2	7.4584	5.4006	14.7490	
		15-Dec-65		43.3	9.2532	6.5822	00 0000	
		05-Jan-66		55.8	10.8362	7.4689	20.0223	
		12-Jan-66		60.9	11.0784	7.8026		
		19-Jan-66		54.9	10.6564	7.4118	25.9704	
		26-Jan-66		67.4	11.5085		24.1951	
		02-Feb-66		91.5	13.9185	8.2094 9.5637	27.8497	
	and the second s	02-Feb-66		168.5	22.1762		35.6796	٠.
		16-Feb-66		209.8		12.9802	61.1258	
		23-Feb-66			27,2294	14.4854	75.5876	
		24-Aug-66		226.5 23.9	28.2568	15.0511	80.0072	
		13-Oct-66	2.54		6.4310	4.8858	12.3901	
			2.22	18.0	4.9102	4.2371	9.3889	
		02-Nov-66		16.1	No. 1	4.0140	8.5643	
		23-Nov-66		14.7	4.6569	3.8336	8.2728	ş.
		20-Dec-66	2.57	23.8	6.6178	4.8800	12.5539	
		04-Jan-67		33.4	7.8633	5.7805	16.2094	
		25-Jan-67		81.0	13.4674	8.9992	33.0253	
		23-Feb-67		154.9	21.4079		57.5841	5 T .
	121 121	07-Mar-67	6.09	297.3	37.0498	17.2432	104.9567	. :
		21-Mar-67		267.6	34.8569	16.3583	96.5791	÷ 1,
	123 123	06-Apr-67	6.51	328.5	42.3870	18.1239	117.9961	- :
		19-Apr-67		300.2	39.1187	17.3251	<b>108.3597</b>	. •
		11-May-67		159.4	23.0750	12.6263	60.6524	٠. :
		06-Jun-67		85.5	14.3309	9.2475	35.0076	
		08-Jun-67	3.41	68.0	11.6538	8.2438	28.1424	
		22-Jun-67				7.4878	24.1694	
		26-Jul-67		41.3	8.3140	6.4298	18.5398	
		18-Aug-67			7.6090	5.7805		. •
		06-Sep-67	and the second second	30.3	6.9191	5.5045	14.4791	
		20-Sep-67		28.1	6.1860	5.3027	13.1887	
		18-Oct-67		20.8	5.4369	4.5590	10.6303	٠.
		07-Nov-67		29,7	6.8233	5.4528	14.2434	
		15-Dec-67		67.4	11.1393	8.2094	27.3993	
	and the second of the second of the second	04-Jan-68		76.7	12.9139	8.7601	31.4801	
		19-Jan-68	4.82	160.3	23.2217	12.6599	61.0067	
		04-Apr-68	5.02	166.5	25.1704	12,9036	64.7375	
	,	03-May-68	3.92	90.6	15.3404	9,5191	37.2834	
		15-May-68	3.48	69.4	12.1161	8.3292	28.9926	
		06-Jun-68	3.15	50.1	9.8944	7.0796	22.2692	
	1.5	14-Jun-68	3.07	48.4	9.4395	6.9586	21.3794	
		04-Jul-68	2.95	42.8	8.6873	6.5390	19.2731	
		20-Jul-68	2.87	33.1	8.2089	5.7559	16.4914	
		08-Aug-68	2.77	31.7	7.6764	5.6316	15.6031	
	and the second s	04-Sep-68	2.57	25.6	6,6021	5.0595	13.0002	. :
		09-Oct-68	2.32	17.5	5.3802	4.1867	9.7111	
	and the second second	05-Nov-68	2.15	13.6	4.6044	3.6867	7.9110	
		11-Dec-68	2.87		8.2264	6.0204	17.2676	
	150 150	08-Jan-69	5.98	276.4	35.7261	16.6245	99.3665	

	H*Q^0.5	endenmenden Q^0.5 endenmen	H^2.0	Q(m3/s)	H(m)	DATE	NC
	102.1620	16.6755	37.5338	278.1	6.13	22-Jan-69	
:	150.8672	20.8146	52.5356	433.2	7.25	04-Feb-69	
	101.7296	16.5391	37.8331	273.5	6.15	21-May-69	
	138.2181	19,6905	49.2740	387.7	7.02	07-Jun-69	
Entry to	59.7399	12.7023	22.1188	161.3	4.70	11-Jun-69	
	49.0263	11.5303	18.0792	132.9	4.25	25-Jun-69	
1 pt .	45.6247	11.0308	17.1076	121.7	4.14	02-Jul-69	
•	38.4632	9.9993	14.7961	100.0	3.85	02-Jul-69	
e de la companya de l	37.0738	9.7933	14.3309	95.9	3.79	19-Jul-69	159 159
	34.5656	9.3722	13.6019	87.8	3.69	23-Jul-69	160 160
÷ ,	32.1014	8.9027	13.0017	79.3	3.61	31-Jul-69	161 161
	30.5648	8.6298	12.5442	74.5	3.54	13-Aug-69	162 162
:	27.9306	8.0808	11.9469	65.3	3.46	20-Aug-69	163 163
	27.0328	8.0263	11.3437	64.4	3.37	28-Aug-69	164 164
	24.1151	7.4499	10.4780	55.5	3.24	04-Sep-69	
	21.4808	6.8891	9.7226	47.5	3.12	11-Sep-69	
	19.6570	6.6761	8.6693	44.6	2.94	18-Sep-69	
	24.0762	7.6172	9.9905	58.0	3.16	25-Sep-69	
94	18.6281	6.5086	8.1915	42.4	2.86	02-Oct-69	
Tarak S	17.1991	6.1737	7.7611	38.1		09-Oct-69	
i kalandari da Karangan	15.8023	5.7927	7.4418	33.6		16-0ct-69	
	16.9011	6.1068	7.6595			23-Oct-69	
	22.8028	7.3562	9.6089			06-Nov-69	
nivina <del>m</del> a B	102.7796	16.7846	37.4964	281.7		07-Jan-70	
	108.8799	17.2070	40.0391	296.1		04-Feb-70	
	79.2521	14.4854	29.9336	209.8	5.47	03-Apr-70	
	56.0003	12.2160	21.0148	149.2	4.58	22-Apr-70	
45 1 421 - 1	34.7981	8.5969	16.3842	73.9	4.05	05-May-70	
	32.5385	9.0931	12.8046	82.7	3.58	22-May-70	
	27.7477	8.2610	11.2822	68.2	3.36	05-Jun-70	
	24.0820	7.6190	9.9905	58.0	3.16	25-Jun-70	
	21.1653	6.9789	$9.1976 \\ 8.7773$	48.7 46.2	3.03	3 10-Jul-70	
	20.1279				2.96	22-Jul-70	
	15.4857	5.5045 5.3479	7.9147 7.3588	30.3	2.81 2.71	25-Aug-70	
	14.5074	and the second s		28.6		03-Sep-70	
	9.3837	4.0034	5.4939 8.2264	16.0	2.34	07-Nov-70	
	17.8969 54.6650	6.2398 12.0773	20.4872	$\begin{array}{c} 38.9 \\ 145.9 \end{array}$	2.87 4.53	20-Nov-70 30-Dec-70	
	102.5741	16.7678	37.4218	281.2	6.12	07-Jan-71	
		22.0981	62.0799	488.3			
1 1, 3 1	174.1123 176.9392	22.5703	61.4571	509.4	7.88 7.84	17-Feb-71 01-Mar-71	
	118.0556	17.5975	45.0060	309.4	6.71	15-Apr-71	
	49.1738	11.0577	19.7761	122.3	4.45	21-May-71	
:	36.0676	9.4893	14.4465	90.0	3.80	14-Jun-71	
	28.0845	8.2490	11.5914	68.0	3.40	22-Jul-71	
	23.9820	7.5874	9.9905	57.6	3.40	14-Aug-71	
	17.9089	6.2308	9.3903 8.2614	38.8	2.87	17-Sep-71	
1.5	13.4309	5.1538	6.7914	26.6	2.61	17-Sep-71 14-Oct-71	
e suid	10.8213	4.3296	6.2468	18.7	1.5	14-00t-71 11-Nov-71	
t etty	23.7004	7.4480	10.1258	55.5	3.18	12-Nov-71	
	20,1004	14 2400	1011400	00,0	0.10	14 000 11	200 2V1
			. •				
	•						
	and the second s						

.

	=М====				ه الله الله الله الله الله الله الله ال	*********	The gray and they take they had been they wise your and any and they take they had been they been also
		D. DATE		Q(m3/s)	Н^2.0	Q^0.5	H*Q^0.5
		2 13-Jan-72		224.6	28.1273	14.9851	
		3 11-Feb-72		208.4	26.9438		74.9361
				327.3	41.0093		115.8523
-		5 24-Apr-72	5.90	243.1	34.8569	15.5926	92.0582
	205 206	3 20-May-72	4.56	243.1 133.9 50.2 54.9	20.7641	11.5707	52.7251
	206 200	3 20-May-72 7 01-Jul-72 3 01-Aug-72	3.49	50.0	12.1586	7.0856	24.7069
	207 208	1 01 0ur 72	3.18	54 9	10.1258	7.4099	23.5791
	208 200	21-Sep-72	9 73	35.4	7.4751	5.9518	16.2727
	200 200	27-Nov-72	2.41	22.7		4.7685	11.5112
	210 211	16-Dec-72	2.64		6.9834	5.2084	13.7638
		2 17-Mar-73		147.4			
		3 18-Apr-73	3.61	70.2	13.0677	8.3801	
	210 210	1 07-Jun-73	2 65	28.9	7.0318	5.3717	
	210 217	09-Aug-73	2.00				
	915 916	06-Sep-73	2 23	22.8	5.3238	4.7774 5.3479	12.3394
	210 610	7 08-Nov-73	2.25	28.6 17.4	5.0462		9.3744
		3 19-Dec-73	2.76		7.5922	5.7337	
	210 210	07-Mar-74	6.72		45.1287	16.5416	111.1233
		07-Mar-74 0 09-Jul-74	3.20				22.5228
		05-Jul-74	2.87		10.2426 8.2264	and the second s	18.5111
		2 10-Mar-75		300.0		17.3202	112.5524
						6.5800	19.9155
		3 14-Aug-75		43.3 31.4			16.0288
		1 04-Sep-75			6.5709	5.0455	12,9334
*		04-Oct-75			5.3802	4.8945	11.3529
	000 000	6 07-Nov-75	3.05	24.0 66.3	9.3275	8.1401	24.8607
	200 441	7 23-Dec-75 3 14-Jan-76	J. UU A 70	154.0		12.4114	59.2797
	999 996	05-Feb-76	5.85	248.9	34.2478	15.7767	92.3279
	220 220	) 13-Feb-76	0.00 £ 01	247.2	36.0914	15.7707	94.4563
		13-red-76			51.2184	19.9817	
		28-Jul-76		79.3		8.9043	
				95.0		9.7455	
		3 13-Aug-76			12.7828 $9.8561$	7.4878	
		17-Sep-76		$\begin{array}{c} 56.1 \\ 37.1 \end{array}$		6.0929	17.0669
		5 20-Oct-76	2.80 2.73	30.6	7.8462 7.4584	5.5301	15.1028
		6 10-Nov-76	$\frac{2.73}{3.51}$	42.5	12.3506	6.5173	22.9041
		7 15-Dec-76				12.8365	68.6264
		30-Jan-77	5.35	164.8	28.5818		81.4723
		9 12-Feb-77	5.75	200.7	33.0806	14.1652	
		0 05-Mar-77	6.91		47.7877	18.3860	127.1002
		1 13-Apr-77	7.24	401.1	52.4031	20.0263	144.9702
			5.49	144.0	30.1006	12.0008	65.8413
		3 25-Jul-77	3.32	38.9	11.0176	6.2376	20.7042
		1 27-Oct-77	2.47	17.8	6.1255	4.2203	10.4452
		5 03-Dec-77	3.01	33.2	9.0503	5.7584	17.3234
		7 13-Dec-79	5.00	165.7	24.9567	12.8717	64.3030
	and the second second	3 19-Jun-80	4.29	145.9	18.4177	12.0808	51.8456
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		9 30-Sep-80	2.93	29.8	8.5619	5.4554	15.9628
		3 23-Nov-80	2.84	81.6	8.0871	9.0306	25.6812
		1 20-Mar-81	8.53	612.8	72.6800	24.7543	211.0369
	250 253	2 31-Jul-81	3.51	75.8	12.2864	8.7066	30.5182

- =Msssssssssssssss	ي الله و الله والله والله والله والله وا	وجي جين عبط ڪي يڪ شان جي جي شان جي حين آهي جي جي جي جي جي جي وجي ڪي ڇيو جي شان جي جي ڪي پيڙي جي جي جي جي جي جي		
NO. DATE	H(m) Q(m3	/s) H^2.0	Q^0.5	$H*Q^0.5$
www.		1222222222222		
251 253 05-Sep-81	3.12 4	7.9 9.7226	6.9178	21.5703
252 254 20-Nov-81	2.53 2	0.4 6.3847		11.4172
253 255 12-Mar-82	6.16 25	8.5 37.9082	16.0772	98,9866
254 256 20-Jun-82	3.20 4	7.3 10.2426	6.8747	22.0016
255 257 12-Jul-84	2.68 2	6.4 7.1944		13.7941
256 258 05-Aug-86	3.59 7	6.7 12.8920	8.7601	31.4534
257 259 10-May-87	4.04 9	1.6 16.2857	9.5711	38.6245
258 260 17-Sep-87	2.60 2	0.4 6.7756	4,5185	11.7615
259 261 18-Sep-89	2.61 3	4.1 6.8073	5.8365	15.2280
260 262 17-Jun-90	3.02 4	3.4 9.1204	6.5894	19.8999
261 263 15-Jul-90	2.69 2	4.1 - 7.2361	4.9092	13.2057
262 264 19-Aug-90	2.55 1	6.8 6.5025	4.0988	10.4519
263 265 12-Oct-90	2.46	9.2 6.0516	3.0364	7.4697
264 266 05-Nov-90	2.17	9.1 4.7089	3.0199	6.5533
265 267 23-Dec-90	2.57 1	4.5 6.6049	3.8013	9.7694
266 268 13-Jan-91	4.13 8	7.1 17.0569		38.5398
267 269 03-Mar-91	6.07 20	6.6 36.8449		87.2498
OMIT176 04-Mar-70	7.10 25	1.9 50.4794	15.8716	112.7657
OMIT246 07-Jan-78	5.50 11	1.2 30.2680	10.5452	58.0156
=M=================	=======================================		===========	
TOTAL	1025.20 29225	.06 4457.43	2500.33	11325.54
=M====================================				
DISCHARGE -	RATING CURVE	: Q = a * (H +	b)^2	
(where OM)	T: Omitted Da	ta)	a' =	3.311206
(where, ohi	1. Omiocca Da	ucej	b' =	-3.349503
			. a =	
		100	ω – b ≂	-1.011566
	•	Correlation	Coefficient	
=M===============			=======================================	

DISCHARGE RATING CURVE (1)

	<u>.</u>				5.134 m)	STATION:	4-350	CHILENGA	
=M	NO			====: H(m)		:=====================================			
=M				n(w/	(8\6m/y :========	H^2.0	. ( 	Q^0.5	H*Q^0.5
	1 2	24-Jul-	62	3.85	150.4	14.8431		2622	47.2424
5 	2 3	21-Aug-	62	3.22	104.5			2220	32.9637
	3 4	06-Nov-	62	1.48	28.9			3743	7.9775
	4 5	18-Nov-	62	1,85	54.9	3.4343		4118	13.7354
		26-Nov-		2.24	71.9	5.0325		4808	19.0253
	6 7	01-Dec-	62	2.49		6.2012		0306	22.4883
	7 8	08-Dec-	62	2.88	108.2	8.3140		4005	29.9889
	8 9	11-Dec-	62	3.38	143.3	11.4466		9701	40.4982
	9 . 10	14-Dec-	62	3.95	183.5			5460	53.4681
. 1		18-Dec-		4.34	189.2			7534	59.6947
1	1 12	22-Dec-	62	4.68	248.3	21.8615		7588	73.6822
1:	2 18	20-Jan-	63	4.78					77.2160
1	3 31	27-May-	63	4.91	244.1			6234	76.7161
1		06-Jun-		4.57	211.2	20.8475			66.3619
1	5 33	10-Jun-	63	4.28	189.2			7534	58.8563
10		17-Jun-		4.08	166.8	16.6319		9146	52,6685
1		24-Jun-		3.93		15.4121			50.1377
18		01-Jul-		3.79		14.3771		2275	46.3633
19		10-Jul-		3.64	136.5	13.2446		6828	42.5173
20		15-Jul-		3.57	130.8	12.7175		4378	40.7891
2	- 1	22-Jul-		3.46	122.0	11.9891		0474	38.2520
22		29-Jul-		3.33	114.1	11.0784		6826	35.5560
2		06-Aug-		3.17	103.4	10.0484		1664	32.2268
24		12-Aug-		3.06		9.3461		8983	30.2605
2		19-Aug-		2.91	91.5	8.4730			27.8383
2		26-Aug-		2.75	81.0				24.7416
2'		02-Sep-		2,59		6.7122		5639	22.1874
28		09-Sep-		2.44	68.5	5.9458		2781	20.1853
29		16-Sep-		2.29	62.6			9108	18.1081
30		23-Sep-		2.13				6004	16.2163
3.		01-0ct-		1.96	and the second s	3.8530		1195	13.9749
32		07-Oct-		1.84	43.0			5606	12.0980
3:		14-0ct-		1.82	36.0	3.3222		9969	10.9305
34	52	21-Oct-	63	1.68	35.7			9732	10.0135
38		28-Oct-		1.65	35.7	2.7091		9732	9.8314
36	5 54	04-Nov-	63	1.71	40.8	2.9239		3856	10.9190
3'	7 55	11-Nov-	63	1.99	49.3	3.9736		0194	13.9923
38	3 56	18-Nov-	63	2.22	69.7			3462	18.4944
39	57	25-Nov-		2.22	74.8	4.9102		6462	19.1590
4(		02-Dec-		2.70	85.5			2475	24.9450
4		09-Dec-	63	3.11	122.9	9.6656		0858	34.4653
42	2 60	16-Dec-	63	3.70		13.6695		7046	46.9716
4:		23-Dec-		3.92	168.5	15.3404		9802	50.8392
44		30-Dec-		3.86	155.5	14.9372		4683	48.1884
4		06-Jan-		3.89	166.5	15.1500		9036	50.2247
4(		13-Jan-		4.34	226.5			0511	65.3270
4'		22-Jan-		4.94		24.4417		5989	82.0625
48		22-Apr-		4,70	226.8	22.0615		0605	70.7386
49		29-Apr-		4.20	183.8	17.6156		5564	56.8976
50		05-May-		3.80	149.5	14.4233		2275	46.4379

M m	NO.	DATE		Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
51		3-May-64	3.36	129.4	11.2822	11.3758	38.2100
52		0-May-64	3.07	106.8	9.4208	10.3322	31.7130
53		7-May-64	2.84	98.0	8.0698	9.8983	28.1184
54		3-Jun-64	2.67	86.6	7.1454	9,3086	24.8827
55		0-Jun-64	2.56	83.0	6.5552	9.1087	23.3212
		7-Jun-64	2.47	75.6	6.0954	8.6952	21.4673
57		4-Jun-64	2.37	68.8	5.5944	8.2952	19.6201
58		1-Jul-64	2.30	67.1	5.2817	8.1921	18.8271
59		8-Jul-64	2.23	66.3	4.9780	8.1401	18.1617
60		7-Jul-64	2.18	63.4	4.7362	7.9643	17.3324
61		2-Jul-64	2.14	51.3	4.5783	7.1592	15.3184
62		9-Jul-64		60.0	4.2706	7.7480	16.0116
63		4-Aug-64	1.90	48.1	3.6174	6.9382	13.1961
64	- 1 · 1	8-Aug-64	1.75	43.6	3.0503	6.6036	11.5333
65		9-Sep-64	1.61	37.7	2.5998	6.1369	9.8951
		3-Sep-64	1.47	24.1	2.1494	4.9060	7.1927
67		7-Oct-64	1.33		1.7580	4.9890	6.6149
68		1-0ct-64	1.22	20.4	1.4939	4.5153	5.5188
69		4-Nov-64	1.17	15.6	1.3771	3.9464	4.6311
		8-Nov-64	1.35	27.9	1.8315	5.2786	7.1436
		2-Dec-64	1.68	47.9	2.8308	6.9178	11.6391
		9-Dec-64	1.85	53.8	3.4343	7.3350	13.5931
		3-Dec-64	1.83	54.1	3.3445	7.3543	13.4495
		0-Dec-64	2.33		5.4227	9.3389	21.7473
		6-Jan-65	3.30	134.2	10.9166	11.5854	38.2786
		4-Apr-65	4.92	265.3	24.2012	16.2889	80.1329
		1-Apr-65	4.54	224.3	20.5701	14.9756	67.9208
		8-Apr-65	4.09	175.0	16.7315	13.2287	54.1108
		5-May-65	3.60	131.7	12.9578	11.4749	41.3061
		2-May-65	3.18	143.8	10.0871	11.9937	38.0923
		9-May-65	2.84		8.0698	9.9411	28.2401
		6-May-65	2.62	85.0	6.8392	9.2169	24.1038
		2-Jun-65	2.44		5.9756	8.6298	21.0955
		9-Jun-65	2.30	71.6	5.3097	8.4641	19.5038
		6-Jun-65	2.21	70.2	4.8967	8.3801	18.5438
		3-Jun-65	2.12	62.0	4.4745	7.8749	16.6578
		0-Jun-65	2.02	60.9	4.0714	7.8026	15.7440
		7-Jul-65	1.94	55.2	3.7579	7.4309	14.4050
		1-3u1-05 4-Jul-65	1.91	55.2	3.6639	7.4309	14.2238
		1-Jul-65	1.88	51.8	3.5253	7.1986	13.5159
		8-Jul-65	1.83	51.3	3.3445	7.1592	13.0927
		4-Aug-65	1.77	45.6	3.1253	6.7520	11.9365
		4-Aug-65 1-Aug-65	1.69	43.6	2.8720	6.6036	11.1911
		1-Aug-05 8-Aug-65	1.63	40.8	2.6195	6.3856	10.3351
		5-Aug-65	1.56	34.3	2.4354	5.8535	9.1348
			1.49	34.0	2.2306	5.8293	8.7061
		1-Sep-65		28.1	2.2300	5.3027	7.6449
		8-Sep-65	1.44	32.6	2.0783	5.7065	8.1401
		5-Sep-65	1.43		1.8480	5.0623	6.8817
		2-Sep-65	1.36	25.6			5.8711
υu	140 2	9-Sep-65	1.24	22.4	1.5389	4.7327	0.0177

	=M=====		5=222222			- We are see the see of the left we had the see of the	***********
	NO =M=====			Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
		06-Oct-65	1.23		1.5014	· · · · · · · · · · · · · · · · · · ·	5.7659
	102 142	23-Oct-65		20.0	1.3986		5.2915
	103 143	03-Nov-65	1.11	15.4	1.2242	3.9284	4.3465
	104 144	28-Aug-66	1.41	27.8	1.9830	5.2679	7.4181
	105 145	14-Oct-66	1.07	13.9	1.1511	3.7325	4.0046
	106 146	03-Nov-66	0.98		0.9573	3.4732	3.3982
	107 148	03-Nov-66 05-Jan-68 04-May-68 16-May-68	2.76	90.6	7.6258	9.5191	26.2870
	108 149	04-May-68	3,72	142.4	13.8504	11.9346	44.4158
	109 150	16-May-68	3.04	94.0	9.2717	9.6960	29.5238
	110 101	07-9411-06	4.40	64.0	5.0599		17.9948
		05-Jul-68			3.6523		12.8637
		23-Jul-68		44.2	3.1577		11.8105
		09-Aug-68			2.7191	6.2738	
		05-Sep-68		30.3	2.0174		
-		10-Oct-68			1.3064		5.0597
	116 157	06-Nov-68	1.00	13.1	0.9995		
	117 158	12-Dec-68	1.82	53.9	3.3111		13.3577
	118 160	12-Dec-68 06-Aug-69 04-Sep-69	3.14	108.3	9.8561		32.6774
	119 161	04-Sep-69	2.60	77.9	6.7756		22.9784
	120 162	08-Oct-69	1.82		3.3001	7.0656	12.8354
	121 163	06-Nov-69	2.11	62.8	4.4359	7.9269	16.6953
		04-Dec-69		68.4	4.8967		18.2954
		23-Apr-70		199.1	20.6254		64.0769
		07-May-70			14.6791		47.2894
		23-May-70			9.7416		31.4253
		06-Jun-70			7.3258	9.0463	24.4850
	127 170	26-Jun-70 11-Jul-70	2.39	69.4	5.7249		19.9292
	128 171	11-Jul-70	2.17	58.6	4.7229		16.6384
	129 172	23-Jul-70	2.04	52.4	4.1580	7.2378	
		26-Aug-70				6.4298	
		19-Nov-70	1.58	38.1	2.5121	6.1691	
		14-Dec-70	3.65		13.2890	12.6196	46.0035
		23-May-71		190.3		13.7935	57.7666
			3.27	113.1	10.6962	10.6334	34.7766
		13-Aug-71		58.7 48.9	5.3238	7.6635 6.9931	17.6823
		15-Sep-71	1.81		3.2890		12.6824
		12-Oct-71	1.49		2.2215	6.2580	9.3273
		13-Nov-71	1.40		1.9658	5.1400	7.2067
		14-Dec-71	2.19	70.9	4.8027	8.4189	18.4500
*		14-Feb-72	4.89		23.8724	16.4076	80.1665
		23-May-72	4.43	178.4	19.6408	13.3554	59.1885
		02-Aug-72	2.34	86.9		9.3207	21.7902
		12-Nov-72	1.36		1,8397	5.4084 5.8365	7.3358
		14-Dec-72	1.37	34.1	1.8813	· · · · · · · · · · · · · · · · · · ·	8.0054
		04-Jan-73	1.84	52.0	3.3893	7.2143	13.2815
		19-Apr-73	2.97	108.4	8,8316	10.4114	30.9405
		06-Jun-73	1.54	35.7	2.3599	5.9708	9.1724
		08-Aug-73	1.23		1.5088	4.8334	5.9370
*		07-Sep-73	1.13	12.4	1,2718	3.5177	3.9672
	190 199	08-Nov-73	1.03	15.5	1.0614	3.9392	4.0583

```
Q^0.5
    NO. DATE H(m) Q(m3/s) H^2.0
                                                     H*Q^0.5
1.65
151 196 20-Dec-73
                         37.4
                                  2.7292
                                           6.1138
                                                     10.1001
152 197 23-Dec-75
                  1.76
                        62.0
                                  3.0930
                                           7.8749
                                                     13,8495
153 198 15-Jan-76
                  3.57 165.9
                                 12.7610.
                                           12.8816
                                                     46.0165
                  4.74
                        240.7
                                 22.4353
                                           15.5143
                                                    73.4849
154 199 06-Feb-76
155 200 15-Dec-76
                  2.08
                                 4.3085
                                           7.9820
                                                    16.5682
                        63.7
156 201 30-Jan-77
                  4.27
                        151.7
                                 18.2090
                                           12.3164
                                                     52,5565
                                           16.6525
                                                    82.7338
157 202 13-Feb-77
                  4.97
                        277.3
                                 24.6834
                                                     54.5644
                  4.11
                        176.1
                                 16,9065
                                           13,2704
158 207 20-Jun-80
                         46.4
                                                     13,9081
159 208 01-Oct-80
                  2.04
                                  4.1704
                                           6.8105
                                                     11.5558
160 209 23-Nov-80
                  1.83
                         39.9
                                  3.3445
                                           6.3188
                  2.88
161 210 01-Aug-81
                         70.1
                                  8.2965
                                           8.3750
                                                     24.1231
162 211 05-Sep-81
                         64.9
                                  5.2537
                                           8.0579
                                                     18,4696
                  2.29
                                           4.4330
                                                     6.3641
163 212 21-Nov-81
                  1.44
                         19.7
                                 2.0610
164 213 21-Jun-82
                  2.44
                         68.4
                                  5.9458
                                           8.2695
                                                     20.1644
165 217 07-Aug-86
                  2.82
                         93.7
                                  7.9490
                                           9.6799
                                                     27,2915
166 218 11-May-87
                  3.79
                        113.4
                                 14.3771
                                           10.6494
                                                     40.3793
167 219 17-Sep-87
                         36.8
                                 2.1584
                  1.47
                                           6.0649
                                                     8.9102
                                                     10.5598
168 220 02-May-89
                  1.53
                         47.6
                                  2.3412
                                           6.9014
169 221 13-Jul-90
                         25.2
                                  2,7225
                                           5.0220
                  1.65
                                                     8.2862
170 222 17-Aug-90
                         27.2
                                                     7.0459
                  1.35
                                1.8225
                                           5.2192
171 223 11-Oct-90
                  1.06
                         17.4
                                1.1236
                                           4.1749
                                                      4.4254
                                0.9409
172 224 04-Nov-90
                  0.97
                         15.9
                                           3.9825
                                                      3.8630
173 225 22-Dec-90
                 1.42
                         19.6
                                 2.0164
                                           4.4317
                                                     6.2930
                  3.20
                        94.6
                                 10.2400
                                           9.7268
                                                     31.1257
174 226 13-Jan-91
OMIT206 08-Jan-78
                  4.93
                        119.4
                                 24.2913
                                           10.9289
                                                     53.8643
OMIT215 13-Jul-83
                  1.69
                          1.0
                                 2.8720
                                           0.9955
                                                     1.6871
OMIT216 25-Sep-83
                  4.31
                         7.5
                                 18.5750
                                           2.7445
                                                     11.8284
1317.83 1527.34
      TOTAL
               440.54 15243.95
                                                     4468.86
DISCHARGE - RATING CURVE : Q = a * (H + b)^2
                                             a' =
                                                    2.972966
      (where, OMIT: Omitted Data)
                                             b'
                                               ==
                                                    1.250701
                                                    8.770884
                                             a,
                                                    0.439490
                              Correlation Coefficient
```

DISCHARGE RATING CURVE (2)
(where, H >= 5.134 m) STATION: 4-350 CHILENGA

=M====================================		2			
NO. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	$H*Q^0.5$
=M=====================================					
1 1 20-Jun-62	5.07	233.3	25.7548	15.2752	77.5203
2 13 27-Dec-62	5.35	348.3	28.5818	18.6627	99.7745
3 14 31-Dec-62	5.82	444.6	33.8920	21.0849	122.7497
4 15 04-Jan-63	6.08	526.7	37.0127	22.9498	139.6222
5 16 11-Jan-63	6.44	657.0	41.4398	25.6311	164.9967
6 17 18-Jan-63	6.69	741.9	44.7201	27.2379	182.1481
7 19 20-Jan-63	7.01	852.3	49.1030	29.1948	204.5783
8 20 19-Feb-63	7.25	1016.6	52.6240	31.8838	231.2925
9 21 28-Feb-63	7.33	982.6	53.6907	31.3464	229.6871
10 22 19-Mar-63	7.25	934.5	52.5356	30.5689	221.5676
11 23 29-Mar-63	7.03	798.5	49.4882	28.2584	198.7915
12 24 07-Apr-63	6.71	651.3	45.0060	25.5203	171.2069
13 25 16-Apr-63	6.46	569.2	41.7937	23.8573	154.2326
14 26 22-Apr-63	6.28	515.4	39.5009	22.7017	142.6796
15 27 26-Apr-63	6.12	447.4	37.4591	21.1520	129.4582
16 28 30-Apr-63	5.90	407.8	34.7850	20.1931	119.0967
17 29 06-May-63	5.62	334.1	31,6244	18.2795	102.7957
18 30 13-May-63	5.28	286.0	27.9015	16.9115	89.3299
19 66 20-May-63	5.29	337.0	27.9982	18.3568	97.1316
20 67 10-Feb-64	5.64	393.6	31.8304	19.8395	111.9312
21 68 13-Feb-64	5.85	447.4	34.2121	21.1520	123.7203
22 69 19-Feb-64	6.31	623.0	39.7696	24.9594	157.4016
23 70 26-Feb-64	6.63	739.1	43.9489	27.1858	180.2258
24 71 04-Mar-64	6.58	662.6	43.3448	25.7413	169.4724
25 72 11-Mar-64	6.47	608.8	41.8332	24.6741	159.5887
26 73 18-Mar-64	6.26	509.7	39.1950	22.5766	141.3429
27 74 25-Mar-64	6.03	455.9	36.3114	21.3518	128.6640
28 75 01-Apr-64	5.82	402.1	33.8210	20.0524	116.6165
29 76 08-Apr-64	5.52	351.1	30.5033	18.7384	103.4919
30 77 15-Apr-64	5.14	281.8	26.4086	16.7855	86.2594
31 106 27-Jan-65	5.48	385.1	30.0337	19.6242	107.5466
32 107 03-Feb-65	5.73	413.4	32.8007	20.3329	116.4503
33 108 10-Feb-65	5.74	433.2	32.9056	20.8146	119.3996
34 109 17-Feb-65	5.70	402.1	32.4873	20.0524	114.2939
35 110 24-Feb-65	5.82	455.9	33.9275	21.3518	124.3687
36 111 03-Mar-65	5.91	481.4	34.8929	21.9405	129.6032
37 112 17-Mar-65	5.71	427.6	32.5568	20.6781	117.9863
38 113 24-Mar-65	5.60	410.6	31.3849	20.2631	113.5186
39 114 31-Mar-65	5.38	331.3	28.9414	18.2018	97.9208
40 115 07-Apr-65	5.15	314.3	26.5654	17.7290	91.3782

NO.	DATE	H(m) Q(	m3/s)	H^2.0	Q^0.5	$H*Q^0.5$
=======	********				######################################	
1 147 20	-Apr-67	5.86	427.6	34.3549	20.6781	121,2007
				25.4156		89.0965
3 165 08	-Jan-70	5.11	332.5	26.0962	18.2337	93.1459
4 184 28	-Mar-72	5.74	385.1	32,9755	19,6235	112.6865
5 185 27	-Apr-72	5.67	309.8	32.1062	17.6007	99.7299
6 203 04	-Mar-77	5.73	357.1	32.8357	18.8964	108.2811
		6.51				144.1034
IT205 07	-May-77	5.66	219.0	32.0371	14.7997	83.7683
					3.3018	16.8973
T	O T A L		28.62	1698.76	1027.95	6258.08
		RATING CUR				
( w	here, OMI	r : Omitted	Data)		a, =	6.327424
		•			b' =	-15.974382
	•				a =	40.036290
					b =	-2.524627
	********		Co	rrelation	Coefficient	0.965

=M==	====	مين جين مين مين المن المن المن المن المن المن المن الم					
	NO		H(m)	Q(m3/s)	Н^2.0	Q^0.5	H*Q^0.5
1	1	08-Oct-59	1.16	13.1	1.3415	3.6248	4.1984
2		15-Oct-59	1.13	12.9	1.2718	3.5973	4.0569
3		22-Oct-59	1.07	11.9	1.1381	3.4568	3.6878
4		29-Oct-59	1.04	10.1	1.0740	3.1795	3.2950
5		12-Nov-59	1.07	9.6	1.1381	3.0937	3.3004
6		24-Nov-59	1.13	13.1	1.2718	3.6130	4.0746
7		17-Dec-59	1.25	15.2	1.5617	3.8959	4.8686
8		07-Jan-60	2.23	130.0	4.9508	11.4006	25.3669
9		14-Jan-60	2.38	101.4	5.6522	10.0685	23.9372
10		21-Jan-60	2.29	111.3	5.2258	10.5492	24.1154
- 11.	11	28-Jan-60	2.04	98.8	4.1704	9.9411	20.3014
12		04-Feb-60	2.01	98.3	4.0469	9.9126	19.9410
13	13	11-Feb-60	2.29	110.2	5.2258	10.4954	23.9924
14		18-Feb-60	2.90	183.5	8.3845	13.5460	39.2237
15	15	25-Feb-60	3.44	247.8	11.8628	15.7408	54.2151
16		17-Mar-60	3.90	334.1	15.2212	18.2795	71.3162
17		29-Mar-60	3.96	348.3	15.7006	18.6627	73.9492
18		07-Apr-60	3.93	348.3	15.4600	18.6627	73.3803
19		13-Apr-60	3.93	379.4	15.4600	19.4794	76.5913
20		05-May-60	3.26	200.5	10.6365	14.1592	46.1783
21		12-May-60	2.87	152.3	8.2089	12.3428	35.3636
22		19-May-60	2.47	128.6	6.0954	11.3384	27.9931
23		26-May-60	2.19	105.1	4.8161	10.2497	22.4935
24		09-Jun-60	1.89	54.1	3.5712	7.3543	13,8978
25		15-Jun-60	1.80	55.2	3.2340	7.4309	13.3631
26		23-Jun-60	1.77	53.2	3.1253	7.2963	12.8987
27		07-Jul-60	1.65	39.9	2.7091	6.3188	10.4002
28		14-Jul-60	1.62	38.2	2.6096	6.1829	9.9880
29		21-Jul-60	1.58	36.8	2.5121	6.0673	9.6164
30		05-Aug-60	1.52	32.3	2.3226	5.6817	8.6588
31		11-Aug-60	1.49	30.9	2.2306	5.5557	8.2975
32		18-Aug-60	1.46	30.6	2.1405	5.5301	8.0908
33		25-Aug-60	1.40	28.9	1.9658	5.3743	7.5352
34		08-Sep-60	1.34	21.7	1.7986	4.6634	6.2542
35		15-Sep-60	1.34	21.3	1.7986	4.6146	6.1887
36		22-Sep-60	1.25	18.3	1.5617	4.2737	5.3407
37		27-Sep-60	1.22	14.8	1.4864	3.8447	4.6874
38		10-Nov-60	1.06	6.5	1.1186	2.5465	2.6933
39		29-Nov-60	1.31	14.0	1.7178	3.7363	4.8970
40		22-Dec-60	1.25	13.0	1.5617	3.6013	4.5004
41	* 1	02-Feb-61	2.44	118.9	5.9458	10.9055	26.5921
42		16-Feb-61	3.29	261.6	10.8362	16.1755	53.2472
43		02-Mar-61	3.99	351.1	15.9431	18.7384	74.8203
44		11-Apr-61	4.91	583.3	24.0814	24.1522	118.5214
45		24-Apr-61	4.60	574.8	21.1828	23.9757	110.3475
46		11-May-61	4.20	461.6	17 6412	21.4841	90.2361
47		29-May-61	3.38	291.7	11.4466	17.0782	57.7802
48		07-Jul-61	2,19	94.6	4.8161	9.7251	21.3424
49		26-Jul-61	2.03	71.4	4.1084	8.4474	17.1222
50		23-Aug-61	1.77	48.4	3.1253	6.9586	12.3017
J.O	V V	i nug vi	1111	70.7	0.1200	0.3000	14.0017

51 51 52 52 53 53 54 54 55 55 56 56 57 57 58 58 59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80 80	01-Sep-61 14-Sep-61 28-Sep-61 11-Oct-61 15-Dec-61 09-Jan-62 25-Jan-62 07-Feb-62 08-Feb-62 16-Feb-62 16-Feb-62 14-Mar-62 21-Mar-62 30-Mar-62 16-May-62 07-Jun-62 29-Jun-62 09-Jun-62	1.71 1.62 1.49 1.40 2.22 3.17 3.50 5.44 4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	40.8 30.3 23.9 21.4 82.7 235.9 308.7 654.1 453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7 322.8	2.9134 2.6096 2.2124 1.9658 4.9237 10.0291 12.2224 29.5678 18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897 20.2396	6.3856 5.5045 4.8916 4.6299 9.0931 15.3584 17.5685 25.5758 21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	10.8995 8.8921 7.2759 6.4915 20.1772 48.6380 61.4206 139.0715 92.4511 100.6510 112.4085 126.7257 143.8376 150.4783 154.8210
52 52 53 53 54 54 55 55 56 56 57 57 58 58 59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80 80	14-Sep-61 28-Sep-61 11-Oct-61 15-Dec-61 09-Jan-62 25-Jan-62 07-Feb-62 08-Feb-62 16-Feb-62 16-Feb-62 14-Mar-62 21-Mar-62 30-Mar-62 16-May-62 07-Jun-62 29-Jun-62 09-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	1.62 1.49 1.40 2.22 3.17 3.50 5.44 4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	30.3 23.9 21.4 82.7 235.9 308.7 654.1 453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	2.6096 2.2124 1.9658 4.9237 10.0291 12.2224 29.5678 18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	5.5045 4.8916 4.6299 9.0931 15.3584 17.5685 25.5758 21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	8.8921 7.2759 6.4915 20.1772 48.6380 61.4206 139.0715 92.4511 100.6510 112.4085 126.7257 143.8376 150.4783
53 53 54 54 55 55 56 56 57 57 58 58 59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80	28-Sep-61 11-Oct-61 15-Dec-61 09-Jan-62 25-Jan-62 07-Feb-62 08-Feb-62 16-Feb-62 16-Feb-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 09-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	1.49 1.40 2.22 3.17 3.50 5.44 4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	23.9 21.4 82.7 235.9 308.7 654.1 453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	2.2124 1.9658 4.9237 10.0291 12.2224 29.5678 18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	4.8916 4.6299 9.0931 15.3584 17.5685 25.5758 21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	7.2759 6.4915 20.1772 48.6380 61.4206 139.0715 92.4511 100.6510 112.4085 126.7257 143.8376 150.4783
54 54 55 55 56 56 57 57 58 58 59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80	11-Oct-61 15-Dec-61 09-Jan-62 25-Jan-62 07-Feb-62 08-Feb-62 16-Feb-62 05-Mar-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	1.40 2.22 3.17 3.50 5.44 4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	21.4 82.7 235.9 308.7 654.1 453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	1.9658 4.9237 10.0291 12.2224 29.5678 18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	4.6299 9.0931 15.3584 17.5685 25.5758 21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	6.4915 20.1772 48.6380 61.4206 139.0715 92.4511 100.6510 112.4085 126.7257 143.8376 150.4783
55 55 56 56 56 57 57 58 58 59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 67 67 68 68 69 69 70 70 71 71 72 72 72 73 73 74 74 75 75 76 76 76 77 77 78 78 78 79 79 80 80 80	15-Dec-61 09-Jan-62 25-Jan-62 07-Feb-62 08-Feb-62 16-Feb-62 05-Mar-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	2.22 3.17 3.50 5.44 4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	82.7 235.9 308.7 654.1 453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	4.9237 10.0291 12.2224 29.5678 18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	9.0931 15.3584 17.5685 25.5758 21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	20.1772 48.6380 61.4206 139.0715 92.4511 100.6510 112.4085 126.7257 143.8376 150.4783
56 56 57 57 58 58 59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80	09-Jan-62 25-Jan-62 07-Feb-62 08-Feb-62 16-Feb-62 05-Mar-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 09-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	3.17 3.50 5.44 4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	235.9 308.7 654.1 453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	10.0291 12.2224 29.5678 18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	15.3584 17.5685 25.5758 21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	48.6380 61.4206 139.0715 92.4511 100.6510 112.4085 126.7257 143.8376 150.4783
57 57 58 58 59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80 80	25-Jan-62 07-Feb-62 08-Feb-62 16-Feb-62 05-Mar-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	3.50 5.44 4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	308.7 654.1 453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	12.2224 29.5678 18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	17.5685 25.5758 21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	61.4206 139.0715 92.4511 100.6510 112.4085 126.7257 143.8376 150.4783
58 58 59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80 80	07-Feb-62 08-Feb-62 16-Feb-62 05-Mar-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 09-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	5.44 4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	654.1 453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	29.5678 18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	25.5758 21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	139.0715 92.4511 100.6510 112.4085 126.7257 143.8376 150.4783
59 59 60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 6	08-Feb-62 16-Feb-62 05-Mar-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 02-Aug-62 17-Aug-62 24-Aug-62	4.34 4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	453.1 475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	18.8651 21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	21.2854 21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	92.4511 100.6510 112.4085 126.7257 143.8376 150.4783
60 60 61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 8	16-Feb-62 05-Mar-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	4.61 4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	475.7 534.6 625.8 696.6 733.4 736.2 693.8 543.7	21.2952 23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	21.8111 23.1219 25.0160 26.3931 27.0815 27.1337	100.6510 112.4085 126.7257 143.8376 150.4783
61 61 62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 6	05-Mar-62 14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	4.86 5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	534.6 625.8 696.6 733.4 736.2 693.8 543.7	23.6348 25.6621 29.7006 30.8747 32.5568 26.1897	23.1219 25.0160 26.3931 27.0815 27.1337	112.4085 126.7257 143.8376 150.4783
62 62 63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 6	14-Mar-62 21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	5.07 5.45 5.56 5.71 5.12 4.50 3.57 3.29	625.8 696.6 733.4 736.2 693.8 543.7	25.6621 29.7006 30.8747 32.5568 26.1897	25.0160 26.3931 27.0815 27.1337	126.7257 143.8376 150.4783
63 63 64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80	21-Mar-62 30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	5.45 5.56 5.71 5.12 4.50 3.57 3.29	696.6 733.4 736.2 693.8 543.7	29.7006 30.8747 32.5568 26.1897	26.3931 27.0815 27.1337	143.8376 150.4783
64 64 65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80	30-Mar-62 06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	5.56 5.71 5.12 4.50 3.57 3.29	733.4 736.2 693.8 543.7	30.8747 32.5568 26.1897	27.0815 27.1337	150.4783
65 65 66 66 67 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 6	06-Apr-62 16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	5.71 5.12 4.50 3.57 3.29	736.2 693.8 543.7	32.5568 26.1897	27.1337	
66 66 67 67 68 68 69 69 70 70 71 71 72 72 72 73 73 74 74 75 75 76 76 77 77 78 78 78 79 79 80 80 80	16-May-62 07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	5.12 4.50 3.57 3.29	693.8 543.7	26.1897		154.82111
67 67 68 68 69 69 70 70 71 71 72 72 73 73 73 74 74 75 75 76 76 76 77 77 77 78 78 79 79 80 80 80	07-Jun-62 29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	4.50 3.57 3.29	543.7			
68 68 69 69 70 70 71 71 72 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 680 80 80	29-Jun-62 06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	$\begin{array}{c} 3.57 \\ 3.29 \end{array}$			26.3394	134.7942
69 69 70 70 71 71 72 72 73 73 74 74 75 75 76 76 76 77 77 78 78 79 79 80 80 80	06-Jul-62 02-Aug-62 17-Aug-62 24-Aug-62	3.29	3// X		23.3170	104.8997
70 70 71 71 72 72 72 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80 80	02-Aug-62 17-Aug-62 24-Aug-62			12.7610	17.9670	64.1826
71 71 72 72 7 73 73 7 74 74 7 75 75 7 76 76 7 77 77 7 78 78 7 79 79 8	17-Aug-62 24-Aug-62	9 73	269.3	10.8362	16.4102	54.0196
72 72 73 73 73 74 74 75 75 76 76 77 77 78 78 79 79 80 80 80	24-Aug-62	2.74	174.1	7.5251	13.1965	36.2007
73 73 73 74 74 75 75 75 76 76 77 77 78 78 79 79 80 80 80		2.56	147.2	6.5552 6.1255	12.1346	31.0684
74 74 75 75 76 76 3 76 76 3 77 77 1 78 78 79 79 1 80 80 3	111)=50=11=117	2.47	128.0	***		28.0003
75 75 75 76 76 76 77 77 78 78 79 79 80 80 80	12-Oct-62	1.90	112.7 58.9	5.4511	10.6161	24.7861
76 76 : 77 77 (78 78 79 79 680 80 80	02-Nov-62	1.69	42.5	3.5943 2.8411	7.6746	14.5499
77 77 ( 78 78 79 79 ( 80 80	30-Nov-62	2.02	72.2		6.5173	10.9852
78 78 7 79 79 6 80 80	07-Dec-62	2.43	105.6	4.0961	8.4975	17.1979
79 79 ( 80 80	13-Dec-62	2.43	162.3	5.9161 8.2089	10.2772 $12.7380$	24.9974
80 80	08-Jan-63	4.80	538.0	23.0165	23.1953	36.4958
	18-Jan-63	4.92	557.8	24.2012		111,2805
81 81 0	05-Sep-63	2.28	105.3		23.6187	116.1914
	07-Jan-64	2.87	193.7	5.1841 8.2614	10.2635	23.3684
	05-Mar-64	4.80	597.5	23.0165	13.9172	40.0016
	25-Mar-64	4.69	606.0	21.9757	24.4435	117.2690
	22-Apr-64	3.61	345.5	13.0677	24.6167	115.3986
	06-May-64	2.92	195.4		18.5867	67.1896
	16-Jun-64	2.19	93.2	8.5263 4.7760	13.9781	40.8157
	29-Jun-64	2.19	83.5	4.4231	9.6521	21.0938
	22-Jul-64	2.10	81.8	4.0224	9.1397 9.0463	19.2220
	24-Aug-64	1.84		3.4005		18.1431
	24-Aug-64 11-Sep-64	1.72	66.8 53.2		8.1748	15.0747
	30-Sep-64	1.72		2.9447	7.2963	12.5206
	30-Sep-64 30-Oct-64		38.8	2.4928	6.2285	9.8339
	30-061-64 13-Nov-64	1.40	25.3	1.9488	5.0342	7.0277
		1.43	27.8	2.0348	5.2679	7.5144
	20-Nov-64	1.48	34.5	2.1943	5.8776	8.7067
and the second s	25-Nov-64	1.82	65.4	3.3111	8.0878	14.7169
and the second second	24-Dec-64	1.87	69.7	3.4910	8.3462	15.5943
the second secon	11-Jan-65	2.80	211.0	7.8121	14.5245	40.5962
	20-Jan-65	3.46	303.0	11.9891	17.4066	60.2709
100 100 0	05-Feb-65	4.03	450.2	16.2365	21.2188	85.5003
	*	•			•	to the second
						* * * * * * * * * * * * * * * * * * *
					·	
			4.2-	96		

				ن ميا سم شد دي وي ديد شد شد شد ديد	
	NO. DATE	H(m) Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
•	2M====================================	4.26 470.1	18.1830		92.4505
	102 102 25-Feb-65	4.15 441.7	17.1833	21.0177	87.1242
	103 103 16-Mar-65	4.08 441.7	16.6568	21.0177	85.7789
	104 104 23-Mar-65 105 105 08-Apr-65	3.98 421.9 3.63 359.6	15.8702 13.1781	20.5407 18.9638	81.8288 68.8416
	106 106 15-Apr-65	3.44 334.1	11.8628	18.2795	62.9589
	107 107 22-Apr-65	3.21 280.9	10.3012	16.7602	53.7925
	108 108 29-Apr-65 109 109 13-May-65	2.94 230.2 2.44 143.3	8.6693 5.9458	15.1729 $11.9701$	44.6745 29.1879
	110 110 20-May-65	2.27 115.2	5.1702	10.7354	24.4103
	111 111 27-May-65	2.16 94.9	4.6832	9.7397	21.0775
	112 112 03-Jun-65 113 113 09-Jun-65	2.08 89.8 2.01 74.8	4.3465 4.0591	9.4744 8.6462	19.7525 17.4197
. *	114 114 10-Jun-65	2.00 80.1	3.9980	8.9519	17.8992
	115 115 17-Jun-65	1.97 76.2	3.8650	8.7277	17.1583
	116 116 24-Jun-65 117 117 15-Jul-65	$     \begin{array}{ccc}       1.93 & 71.4 \\       1.82 & 51.0     \end{array} $	3.7225 3.3001	8.4474 7.1394	16.2983
	118 118 20-Jul-65	1.80 56.9	3.2449	7.5443	12.9694 13.5901
. *	119 119 27-Jul-65	1.78 53.5	3.1685	7.3157	13.0221
	120 120 03-Aug-65	1.75 50.7	3.0716	7.1195	12.4776
- ·	121 121 10-Aug-65 122 122 17-Aug-65	1.73 47.9 1.69 45.3	2.9762 2.8513	6.9178 6.7310	11.9343 11.3660
	123 123 24-Aug-65	1.65 41.9	2.7091	6.4737	10.6552
	124 124 07-Sep-65	1.58 36.0	2.5024	5.9969	9.4865
	125 125 16-Sep-65 126 126 28-Sep-65	1.52 33.4 1.46 29.7	2.3133 2.1405	5.7805 5.4528	8.7918 7.9776
	127 127 19-Oct-65	1.34 20.6	1.8068	4.5341	6.0946
	128 128 26-Oct-65	1.31 19.0	1.7178	4.3590	5.7130
	129 129 11-Nov-65 130 130 19-Nov-65	1.29 18.0 1.40 21.3	1.6545 1.9658	4.2404 4.6115	5.4543 6.4657
	131 131 09-Dec-65	1.62 40.2	2.6195	6.3411	10.2630
•	132 132 16-Dec-65	1.87 59.7	3.5138	7.7297	14.4895
	133 133 21-Dec-65 134 134 02-Feb-66	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3.6290 5.3520	8.7923 $10.7486$	16.7494 24.8662
	135 135 02-Mar-66	3.58 294.5	12.8264	17.1609	61.4599
	136 136 16-Mar-66	3.97 351.1	15.7248	18.7384	74.3063
	137 137 29-Mar-66 138 138 16-Jun-66	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	14.7025 3.7343	19.4065 7.9643	74.4122 15.3904
	139 139 30-Jun-66	1.83 54.1	3.3557	7.3543	13.4719
	140 140 02-Feb-67	2.35 107.0	5.5225	10.3459	24.3130
	141 141 24-Apr-67	$\begin{array}{ccc} 3.95 & 386.5 \\ 2.10 & 83.7 \end{array}$	15.5801	19.6588 9.1506	77.5964
	142 142 19-Jun-67 143 143 26-Jun-67	2.10 83.7 2.03 79.3	4.4231 4.1208	8.9059	19.2447 18.0787
	144 144 02-Oct-67	1.42 25.9	2.0261	5.0846	7.2375
: .	145 145 09-Jan-68		4.6832	9.8409	21.2965
	146 146 16-Jan-68 147 147 26-Jan-68		5.4654 7.8462	10.5572 13.1697	24.6809 36.8898
	148 148 16-Feb-68		12.3292	18.0957	63.5395
	149 149 29-Mar-68	3.43 288.4		16.9834	and the second of the second o
	150 150 26-Apr-68	2.94 206.3	8.0155	14.3618	42.1550
		1			
					4 a
		4.2			
		4.2.	97		

-11				<b>.</b>			
es lil es	NO			Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
=M=							=========
		25-Jul-68	1.71	45.7	2.9134	6.7604	11.5392
		28-Aug-68	1.57	30.6	2.4640	5.5301	8.6807
		23-May-70	2.52	131.1	6.3386	11.4502	28.8276
		17-Jul-70	1.98	71.7	3.9131	8.4692	16.7533
		19-Aug-70	1.80	53.1	3.2449	7.2866	13.1258
		19-Jan-71	4.08	375.4	16.6319	19.3744	79.0132
	-	17-Feb-71	4.65	577.1	21.6625	24.0229	111.8095
		22-Mar-71	4.79	540.8	22.9873	23.2544	111.4933
		29-Apr-71	4.39	537.4	19.2644	23.1812	101.7451
		17-May-73	1.88	60.4	3.5482	7.7717	14.6393
		25-Jun-73	1.52	30.8	2.3226	5.5455	8.4513
		21-Jul-73	1.45	26.7	2.1138	5.1702	7.5170
		18-Aug-73	1.38	21.3	1.8980	4.6146	6.3575
		05-0ct-73	1.21	14.0	1.4642	3.7439	4.5303
		22-Oct-73 08-Nov-73	1.14	12.1	1.3064	3.4732	3.9698
		27-Nov-73	1.16 1.43	12.1	1.3486	3.4773	4.0381
		10-Dec-73	$\frac{1.43}{1.47}$	26.6 28.1	2.0348 2.1584	5.1538	7.3516
		10-Dec-73 11-Jan-74	2.47	119.7	6.0954	5.3000 10.9392	7.7865 27.0077
		08-Feb-74	3.90	339.6	15.1737	18.4276	71.7818
		17-Mar-74	4.41	530.7	19.4521	23.0372	101.6047
		28-Mar-74	4.33	512.6	18.7594	22.6399	98.0579
		18-Apr-74	4.10	476.2	16.8314	21.8228	89.5302
		13-May-74	3.17	258.8	10.0677	16.0878	51.0459
		06-Jun-74	2.62	166.7	6.8392	12.9124	33.7683
		12-Jun-74	2.44	136.6	5.9458	11.6888	28.5020
		08-Aug-74	1.87	65.8	3.4796	8.1087	15.1259
		12-Sep-74	1.62	38.3	2.6393	6.1874	10.0520
		14-Oct-74	1.37	23.9	1.8813	4.8916	6.7093
180	180	17Feb-75	4.04	324.5	16.3103	18.0126	72.7458
181	181	03-May-75	4.19	434.0	17.5389	20.8323	87.2446
182	182	06-Jun-75	2.66	163.3	7.0642	12.7779	33,9618
183	183	24-Aug-75	1.84	60.9	3.4005	7.8063	14.3951
184	184	?	1.91	65.4	3.6406	8.0878	15.4318
185	185	16-Mar-76	4.40	429.2	19.3179	20.7164	91.0531
		20-Aug-76	2.31	118.3	5.3379	10.8769	25,1299
		07-Sep-76	2.13	88.0	4.5522	9.3828	20.0192
		10-Oct-76	1.87	54.9	3.5138	7.4099	13.8900
		23-Nov-76	1.71	32.3	2.9343	5.6841	9.7368
2.7		10-Jun-77	2.70	166.4	7.2929	12.9003	34.8377
		04-Sep-77	1.91	47.5	3.6290	6.8911	13.1276
		19-Oct-77	1.50	36.2	2.2397	6.0157	9.0029
		10-Nov-77	1.41	21.1	2.0002	4.5961	6.5002
		14-Jan-78	3.87	490.1	14.9843	22.1384	85.6968
	* .	08-Jan-79	3.90	366.5	15.2212	19.1451	74.6933
		15-Feb-79	4.27	495.9	18.2350	22.2697	95.0973
		19-Mar-79	5.00	671.5	24.9872	25.9140	129.5367
		17-Sep-77	2.22	119.0	4.9237	10.9081	24.2045
		11-Feb-80	4.14	455.1	17.1328	21.3326	88.2996
ZUU	204	04-Jun-80	3.79	422.8	14.4002	20.5621	78.0281

=M==========			*** THE THE THE THE SET OF THE SET OF THE THE THE THE THE THE	
NO. DATE	H(m) Q(m3/s)		Q^0.5	H*Q^0.5
201 205 31-Jul-80			12.9299	32,3165
202 206 12-Sep-80			9.6901	20.2318
203 207 18-Dec-80			8.4975	16.5763
204 208 19-May-81	4.14 488.	l 17.1328	22.0923	91.4440
205 209 30-Nov-81	1.55 42.0	2.4069	6.4803	10.0537
206 211 20-Dec-83	1.62 35.2	2.6096	5.9352	9.5879
207 212 07-Jun-84	1.92 48.3	3,6990	6.9484	13.3638
208 213 25-Jan-85	3.62 331.9	3.1118	18.2182	65.9684
209 214 10-May-87	2.82 188.0	7.9490	13.7122	38.6601
210 216 21-Jul-88	1.78 58.0		7.6172	13.5820
211 217 13-Jul-90	1.64 38.25		6.1847	10.1428
.212 218 09-Aug-90			5.1137	7.7728
213 219 13-Aug-90			4.2743	5.7276
214 220 11-Oct-90			3.9522	3.1618
215 221 27-Nov-90			3.4278	3.9077
216 222 15-Dec-90			3.7336	5.0404
217 223 20-Jan-91	2.38 127.05		11.2716	26.8265
218 224 07-Feb-91	3.19 235.04		15.3310	48.9059
OMIT190 16-Feb-77			12.4888	41.4536
OMIT191 19-Feb-77			13.0877	44.6385
OMIT192 12-Apr-77				82.0863
OMIT203 08-Mar-80	the state of the s		17.0840	
OMIT210 05-Dec-82		and the second s	14.6806	28.1455
OMIT215 22-Mar-88			13.4915	18.6283
•				10.0203
TOTAL			2557.50	8241.31
	- RATING CURVE :			
		<b>11</b>	, <b>.</b>	
(where. O	MIT : Omitted Data		a' =	5.629850
,		-•		-2.679992
			the state of the s	31.695216
				-0.476033
		Correlation Co		0.994
=M===============		-===========		

		CHARGE RATI			STATION:		
≈M≖						***************************************	
	NO			Q(m3/s)	Н^2.0	Q^0.5	H*Q^0.5
			0.91	22.3	0.8361	4.7267	4.3221
1		16-Oct-52			0.8361	5.2517	2.3211
2		21-Aug-59	0.44	27.6			
3		19-Sep-59			0.1124	4.7177	1.5818
4		29-Sep-59		23.0	0.1124		1.6097
5		09-Oct-59		23.4	0.1084	4.8392	1.5930
6		16-Oct-59			0.1024	5.1345	1.6432
7	-	23-Oct-59	0.30	24.4	0.0892	4.9348	1.4741
8		30-Oct-59	0.27	19.7	0.0753	4.4362	1.2169
9		13-Nov-59	0.33	19.0	0.1084	4.3622	1.4360
10		25-Nov-59	0.34	19.7	0.1124	4.4362	1.4874
. 11		17-Dec-59	0.52	22.4	0.2685	4.7297	2.4508
12		08-Jan-60	0.79	73.6	0.6280		6.7998
13		15-Jan-60	1.16	80.7	1.3415	8.9835	10.4050
14		29-Jan-60		41.1	0.4097		4.1015
15		05-Feb-60	0.82	51.5	0.6773	7.1789	5.9080
16		12-Feb-60	1.28	56.6	1.6388		9.6339
17		19-Feb-60	1.68	202.7	2.8103		23.8702
18		26-Feb-60	2.51	224.3	6.3232	14.9756	37.6577
19		18-Mar-60	2.45	240.4	6.0203		38.0441
20		30-Mar-60	2.70	245.5	7.2764	15.6687	42.2659
21		08-Apr-60	1.68	194.5	2.8103	13.9476	23.3818
22		14-Apr-60		82.1	1.4864	9.0619	11.0483
23		06-May-60	0.88	50.1	0.7813		6.2578
24		13-May-60	0.85	48.7		6.9789	5.9561
25		20-May-60	0.76	50.1	0.5806		5.3947
26		27-May-60	0.73	49.0	0.5351		5.1200
27		16-Jun-60	0.64	44.5	0.4097		4.2678
28		24-Jun-60	0.64	43.3	0.4097	6.5822	4.2131
29		08-Jul-60	0.61	34.3	0.3716		3.5683
30		15-Jul-60	0.58	35.4	0.3354	5.9495	3.4455
31		22-Jul-60	0.58	35.1	0.3354	5.9256	3,4316
32		06-Aug-60	0.55	34.5	0.3010	5.8776	3.2247
33		12-Aug-60	0.52	33.4	0.2685	5.7805	2.9952
34		19-Aug-60	0.49	32.8	0.2378	5.7313	2.7950
35		26-Aug-60	0.49	31.4	0.2378	5.6064	2.7341
36		09-Sep-60	0.46	37.4	0.2090	6.1138	2.7952
37		16-Sep-60	0.43	37.9	0.1821	6.1599	2.6286
38		23-Sep-60	0.43	36.8	0.1821		2.5890
39		27-Sep-60	0.40	21.4	0.1570	4.6268	1.8333
40		03-Nov-60	0.32	16.9	0.1024	4.1081	1.3148
41	41	30-Nov-60	0.52	9.9	0.2685	3.1437	1.6289
42		23-Dec-60	0.58	15.0	0.3354	3.8704	2.2414
43		03-Feb-61	1.42	97.4	2.0088	9.8696	13.9884
44		17-Feb-61	2.00	172.4	3.9858	13.1320	26.2173
45	45	08-Mar-61	3.66	393.6	13.3780	19.8395	72.5648
46	46	11-Apr-61	3.17	339.8	10.0484	18.4337	58.4334
47	47	24-Apr-61	2.04	278.9	4.1704	16.7009	34.1060
48	48	10-May-61	1.39	113.3	1.9233	10.6427	14.7597
49	49	29-May-61	1.10	80.7	1.2040	8.9835	9.8574
50	50	17-Jul-61	0.81	44.7	0.6524	6.6888	5.4027

. :							
	NO.	DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
••		28-Jul-61	0.78		0.6041	6.7939	5.2805
52		25-Aug-61	0.66	30.9	0.4294	5.5557	3.6407
		29-Sep-61	0.49	22.1	0.2378	4.7027	2.2934
		10-Nov-61	0.47		0.2232	3.6714	1.7345
55	4 1	24-May-70	1.10	78.3	1.2040	8.8485	9.7093
56		14-Jul-90	0.62	24.6	0.3844	4.9639	3.0776
57	57	11-Aug-90	0.61	17.7	0.3721	4.2059	2.5656
58	58	12-Aug-90	0.46	17.3	0.2116	4.1569	1.9122
59	59	10-Oct-90	0.45	18.9	0.2025	4.3463	1.9558
60	60	16-Dec-90	0.43	15.0	0.1849	3.8717	1.6648
61		07-Feb-91	2.35	151.7	5.5225	12.3175	28.9460
=M==:		========= T O T A L	56.79	4398.30	87.46	458.37	600.80
=M==			======	=======			
		DISCHARGE -	RATING	CURVE : G	) = a * (H +	b)^2	
*.	4.	. :	4.5				5 000101
		*		Taranta da la companya da la company		a' =	5.032464
1 .		• .			6 (4) (4) (4)	b' =	2.828810
		+4, E			· · · · · · · · · · · · · · · · · · ·	a =	25.325690
	1		* 4		Connalation	D = D	0.562112
			:		Correlation	coellicient	0.958

=M=		========			HEESSESSESSES	aportad noon
	NO. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	$H*Q^0.5$
1			278.9	6.0653	16.6992	41.1266
2		3 1.76	61.0	3.1037	7.8081	13.7558
3	3 18-Jul-7		44.8	2.8720	6.6931	11.3427
4		3 1.55	38.6	2.4069	6.2126	9.6384
5	5 14-Nov-7		33.6	2.6990	5.8000	9.5287
6		3 1.68	65.9	2.8103	8.1157	13.6052
7	7 07-Dec-7	3 1.69	44.7	2.8616	6.6867	11.3115
8	8 29-Dec-7	3 2.27	176.8	5.1425	13.2981	30.1562
9	9 10-Jan-7	4 2.44	232.2	5.9458	15.2390	37.1587
10	10 07-Feb-7	4 3.96	1030.6	15.7006	32.1028	127.2042
. 11	11 14-Mar-7	4 3.68	813.3	13.5570	28.5192	105.0072
12	12 26-Mar-7	4 3.39	679.5	11.4879	26.0676	88.3529
13	13 17-Apr-7	4 3.19	603.9	10.1647	24.5746	78.3491
14	14 08-May-7		363.9	7.4418	19.0762	52.0390
15	15 04-Jun-7		219.5	5.4511	14.8140	34.5873
16	16 13-Jun-7		169.6	4.8429	13.0227	28.6584
17	17 18-Jul-7		106.6	3.9736	10.3226	20.5770
18	18 13-Aug-7		81.6	3.6174	9.0322	17.1788
19	19 03-Sep-7		66.4	3.2890	8.1505	14.7815
20	20 02-Apr-7		926.3	13.8277	30.4352	113.1751
21	21 04-May-7		581.5	10.1452	24.1134	76.8052
22	22 23-Jun-7		169.5	4.7760		28.4504
23	23 17-Jul-7		132.7	4.1580	11.5180	23.4865
24	24 20-Dec-7		98.5	3.8411	9.9254	19.4525
25	25 01-Aug-7		209.1	5.0874	14.4606	32.6163
26	26 20-Aug-7		461.0	8.2789	21.4718	61.7812
27	27 17-Feb-7		681.6	11.2413	26.1080	87.5351
28	28 11-Mar-76		1185.1	17.7181	34.4259	144.9087
29	29 21-Apr-7		1180.8	17.9756	34.3630	145.6909
30	30 12-May-76		888.5	14.5626	29.8072	113.7471
31	31 13-Jul-76		219.7	6.0203	14.8217	36.3671
32	32 16-Nov-76		60.6	3.3893	7.7867	14.3352
33	33 14-Jun-77		220.3	5.3661	14.8417	34.3806
34	34 17-Oct-77		25.8	3.0290	5.0796	8.8406
35	35 08-Mar-78		1646.4	24.5020	40.5756	200.8473
36	36 22-Mar-78		2023.0	30.3601	44.9778	247.8275
37	37 30-Mar-78		2053.0	26.9361	45.3100	235.1591
38	38 05-Apr-78		2126.0	35.0464	46.1086	272.9627
39	39 12-Apr-78		2230.0	31.1364	47.2229	263.5036
40	40 17-May-78		1418.0	19.3600	37.6563	165.6879
41	41 24-May-78		1182.0	17.8084	34.3802	145.0846
42	42 31-May-78		1203.0	16.9744	34.6843	142.8993
43	43 15-Jun-78		945.0	14.0625	30.7409	115.2782
44	44 22-Jun-78		702.0	11.4244	26.4953	89.5541
45	45 30-Jun-78		650.0	11.2225	25.4951	85.4086
46	46 21-Jul-78	and the second s	463.0	8.1225	21.5174	61.3247
47	47 10-Aug-78		348.0	7.1289	18.6548	49.8082
48	48 24-Aug-78		310.0	5.2900	17.6068	49.8082
49	49 31-Aug-78		284.0	6.1504	16.8523	41.7937
50	50 02-Sep-78		401.0	7.4529	20.0250	54.6682
		2			2010200	07.0002

=M=====				=====	======	====		and and any the tree are not the too one the too
NO	. DATE	H(m)	Q(m3/s)		H^2.0		Q^0.5	$H*Q^0.5$
=M=====				=====		=====		
51 51	13-Sep-78	2.37	241.0		5.6169		15.5242	36,7923
	27-Sep-78	2.26	216.0		5.1076		14,6969	33.2151
	01-Nov-78	2.10	175.0		4.4100		13.2288	27.7804
54 54	15-Dec-78	2.67	344.0		7.1289		18.5472	49.5211
	19-Jan-79	3.15	636.0		9.9225		25,2190	79.4400
	08-Feb-79	3.49	844.0		2.1801		29.0517	101.3904
57 57	06-Mar-79	3.92	1031.0	. 1	5.3664		32.1092	125.8680
	23-Mar-79	4.23	1257.0		7.8929		35.4542	149.9712
	03-Apr-79	5.11	1764.0		6.1121		42.0000	214,6200
	30-May-79	3.52	852.0	1	2,3904	1,14	29.1890	102.7454
61 61	31-May-79	3.50	766.0	1	2.2500		27.6767	96.8685
	01-Jun-79	3.48	724.0		2.1104	11	26.9072	93,6372
63 63	06-Jul-79	2.72	394.0		7.3984		19.8494	53.9905
	06-Mar-80	3.86	1092.0		4.8996		33.0454	127.5553
65 65	18-Mar-80	3.82	1021.0	1	4.5924		31.9531	122.0608
	11-Jun-80	2.81	488.0		7.8961		22.0907	62.0749
67 67	23-Feb-81	3.98	1110.0		5.8404		33.3167	132.6003
68 68	29-Jul-81	2.28	211.0		5.1984	. :	14.5258	33.1189
69 69	16-May-84	2.20	176.0	2.2	4.8400		13.2665	29.1863
70 70	21-Jun-84	1.88	78.0		3.5344	-	8.8318	16.6037
71 71	28-Jun-84	1.86	77.0		3.4596	5.7	8.7750	16.3214
72 72	11-Dec-84	1.73	52.0	The second	2.9929	100	7.2111	12.4752
73 73	21-May-85	2.72	411.0	-	7.3984		20.2731	55.1429
74 75	12-Dec-88	1.76	54.1	1	3.0976		7.3566	12.9477
75 76	12-Jul-90	1.83	48.1	-	3.3489		6.9347	12.6905
76 77	09-Aug-90	1.71	34.3	. ,	2.9241		5.8575	10.0163
77 78	11-Sep-90	1.64	69.1		2.6896		8.3108	13.6298
78 79	09-0ct-90	1.56	60.1		2.4336		7.7524	12.0938
79 80	26-Nov-90	1.55	24.6		2.4025		4.9639	7.6940
80 81	14-Dec-90	1.58	35.1	1.	2.4964		5.9203	9.3541
81 82	19-Jan-91	2.34	232.0		5.4756		15.2306	35.6395
82 83	08-Feb-91	2.84	406.9	***	8.0656		20.1710	57.2857
OMIT 74	22-May-88	2.36	447.0		5.5696		21.1424	49.8960
=M=====	=======================================		========	=====		====	=======	
	TOTAL		45061.00	1 1 1	777.30		1677.96	5842.57
=) =====								=======================================
	DISCHARGE -	- RATING	CURVE : 6	) = a	* (H +	b)^2	3	
	(where, OM)	· [ጥ . △====	ftad Nata				a' =	10.512400
	(where, Om	rr: Omi	iteu bata.	1			&L, ∺ 1_3 _	10.012400

```
\begin{array}{rcl} b' = & -9.849029 \\ a = & 110.510547 \\ b = & -0.936896 \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & & \\ & & \\ &
```

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4-941	KALEYA DAM	SITE	<<< H - A	- V - Q n =	CALCULAT 0.03000	$\begin{array}{ccc} \text{FION} & >>> \\ & \text{i} & = 1/250 \end{array}$	00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- h(m)	H(m)	A(m2)	S(m)	R(m)	V(m/s)	Q(m3/s) Q^0	:==== ).5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,243.	00 0.28					the state of the s	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				6.85	0.84	0.59	3.42 1	.85
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	•							3.26
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								.58
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	•							.06
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								.63
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								.67
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							478.68 21	88
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-=====:			*********		.========		====
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	222522							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	h(m)	H(m)	A(m2)	S(m)	R(m)	V(m/s)	$Q(m3/s)$ $Q^0$	. 5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,243.0	0 0 28	0.94					1.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						0.51	2.93 1	.71
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					1.30	0.68	9.10 3	.02
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								24
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								.53
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								.84
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								.52
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								. 44
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							410.29 20	. 26
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		:=========						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	h(m)	H(m).	A(m2)	S(m)	R(m)	V(m/s)	$Q(m3/s)$ $Q^0$	. 5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,243.0	0.28	0.94	4.06				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						0.45	The state of the s	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					1.30	0.60	7.97 2	.82
$\begin{array}{cccccccccccccccccccccccccccccccccccc$						0.71		
1,248.00     5.28     152.14     129.26     1.18     0.56     84.80     9.21       1,248.50     5.78     215.20     149.61     1.44     0.64     137.11     11.71       1,249.00     6.28     293.57     173.36     1.69     0.71     208.54     14.44						0.41		
1,248.50     5.78     215.20     149.61     1.44     0.64     137.11     11.71       1,249.00     6.28     293.57     173.36     1.69     0.71     208.54     14.44						0.56		
1,249.00 6.28 293.57 173.36 1.69 0.71 208.54 14.44						0.64		
4 040 70: 7 00 400 40 400 7						0.71		
	1,249.7	2 7.00	430.46	199.81	2.15	0.83	· ·	

DISCHARGE RATING CURVE (1)
(where, H < 4.663 m)

	where, H) =========			STATION:		DAM SITE
NO		H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
• • • • • • • • • • • • • • • • • • • •	12-Mar-70	0.37	0.1	0.1338	0.2535	0.0927
	01-Jan-71	0.30	0.0	0.0929	0.1270	0.0387
	19-Feb-71	0.50	0.3	0.2468	0.5343	0.2654
	21-Apr-71	0.34	0.0	0.1186	0.2026	0.0698
	05-Jan-72	0.39	0.1	0.1498	0.2905	0.1124
	19-Jan-72	0.37	0.1	0.1338	0.2708	0.0991
7 7	17-Feb-72	0.40	0.1	0.1570	0.3206	0.1270
8 . 8	21-Mar-72	0.43	0.1	0.1847	0.3796	0.1632
9 9	19-Jun-73	0.31	0.0	0.0967	0.1303	0.0405
· 10 10	26-Mar-79	0.47	0.3	0.2232	0.5227	0.2470
	09-Jun-79	0.41	0.1	0.1668	0.3457	0.1412
	05-Feb-80	0.40	0.1	0.1619	0.3289	0.1323
	17-Apr-80	0.38	0.1	0.1475	0.2991	0.1149
	? - ? -81	0.39	0.1	0.1546	0.2915	0.1146
	23-Mar-85	0.38	0.1	0.1475	0.3852	0.1479
	29-Mar-90	0.48	0.1	0.2304	0.3464	0.1663
	18-Jul-90	0.36	0.1	0.1296	0.2646	0.0952
	31-Dec-90	0.36	0.8	0.1296	0.9165	0.3299
	21-Jan-91	0.64	1.2	0.4096	the state of the s	0.6982
	20-Feb-91	0.37	0.2	0.1369	0.4243	0.1570
21 21		1.00	1.4	1.0000	1.2000	1.2000
22 22		2.00	6.3	4.0000	2.5000	5.0000
23 23	-	3.00	14.4	9.0000	3.8000	11.4000
24 24		4.00	27.0	16.0000	5.1962	20.7846
	========== T O T A L	18.06	53.18	33.35	20.42	41.74
=M=====			UU.10	and the second s	20.44 44522222222	
	DISCHARGE - R		CURVE : G	) = a * (H +	b)^2	
			•		a' =	1.334229
		• .			b' =	-0.152902
	•				a =	1.780167
				4	b =	-0.114599
				Correlation	Coefficient	0.991
=M=====		======	========			=========

	NO.	DATE		Q(m3/s)	H^2.0	Q^0.5	H*Q^0.
1	1		5.00	64.0	25.0000	8.0000	40.000
2	2		5.50	118.8	30.2500	10.9000	59.9500
3	3		6.00	190.4	36.0000	13.8000	82.8000
4	4	1. 1	6.50	275.6	42.2500	16.6000	107.9000
5	5		7.00	380.3	49.0000	19.5000	136.5000
			30.00	1029.06	182.50	68.80	427.15
===		ISCHARGE -	RATING	CURVE : Q	=========== = a * (H + b)		

b' = -20.680000 a = 32.947600 b = -3.602787Correlation Coefficient 1.000

4.2-106

DISCHARGE RATING CUR	E STATION:	4-958 URUAFE FARM

		HAROL BALL			01111111111	320 0110111	
≖M≡≡	.0%	DATE	H(m)	Q(m3/s)	=====================================	Q^0.5	#Q^0.5
=M==		=======	========	=======================================		=======================================	******
1	1	11-Dec-70	0.03	0.0	0.0068	0.2207	0.0182
$\overline{2}$		11-9ec-70	0.08	0.0	0.0068	0.2232	0.0184
2 3 1		16-Jan-71	0.05	0.0	0.0024	0.1970	0.0096
1		09-Feb-75	0.06	0.1	0.0034	0.2380	0.0138
5		07-Mar-75	0.06	0.0	0.0037	0.1683	0.0103
6		18-Mar-75	0.05	0.0	0.0024	0.1683	0.0082
7		23-Feb-76	0.72	3.7	0.5218	1.9260	1.3913
8		26-Mar-76	0.68	2.4	0.4662	1.5361	1.0488
9		13-Apr-76	0.17	0.3	0.0302	0.5335	0.0927
10		02-Apr-78	0.15	0.3	0.0214	0.5335	0.0780
11		17-Feb-81	0.26	0.5	0.0687	0.6938	0.1819
12		18-Jul-90	0.02	0.0	0.0004	0.1414	0.0028
13		31-Dec-90	0.03	0.0	0.0009	0.1414	0.0042
14	14	•	0.50	1.8	0.2500	1.3304	0.6652
15	15		1.00	8.4	1.0000	2.8896	2.8896
16	16		1.50	19.7	2.2500	4.4396	6.6594
17	17	•	2.00	36.0	4.0000	6.0000	12.0000
18	18		2.50	44.9	6.2500	6.7000	16.7500
19	19		3.00	81.0	9,0000	9.0000	27.0000
20	20		3,50	86.5	12.2500	9.3000	32.5500
21	21		4.00	144.0	16.0000	12.0000	48.0000
22	22		4.50	177.7	20.2500	13.3300	59.9852
=M==	====	=======================================	=======	<del>========</del>	siesaeseseses	========	
	•	TOTAL	24.92	607.31	72.38	71.71	209.38
=\/==	====	========	=======	========	==========	*=========	==========

DISCHARGE - RATING CURVE :  $Q = a * (H + b)^2$ 

a' = 2.901963 b' = -0.027325 a = 8.421390 b = -0.009416

Correlation Coefficient 0.998

zM

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5 000 5	iduruan are						
1,116.36	5-030 E	(CHANGE FAF	:======= :============================	<<< H - A	-			0.00500
1,116.36		* . * *	=	S(m)	R(m)	V(m/s)	Q(m3/s)	Q^O.5
1,116.76				1.30	0.14	0.95	0.17	0.4
1,116.76					0.21			0.6
1,116.88		and the second s						0.8
1,117.06			and the second second					0.9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								1.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								2.4
1,117.66								3.2
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		. '						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-		========	========	=======	=======	*=======	======
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						# ***		
1,116.36					n =	0.025	i =	0.0050
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					R(m)	•		Q^0.5
1,116.76	4 4 5 5				0.14			0.3
1,116.76	1,116.56	0.40	0.36	1.70	0.21	1.01	0.36	0.6
1,116.88		0.60	0.54	2.10	0.26	1.15	0.62	0.7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		0.72	0.65	2.34	0.28	1.20	0.78	0.8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		0.90			0.20	0.97	1.89	1.3
1,117.46	1,117.26	1.10	3.49	10.60	0.33	1.35	4.70	2.1
1,117.66		1,30	5.02		0.44	1.64	8.21	2.8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			6.55	12.20	0.54	1.87	12.23	3.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					0.99	2.81	21.40	4.6
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						2.60		9.5
h(m) H(m) A(m2) S(m) R(m) V(m/s) Q(m3/s) Q^O.  1,116.36 0.20 0.18 1.30 0.14 0.63 0.11 0. 1,116.56 0.40 0.36 1.70 0.21 0.84 0.30 0. 1,116.76 0.60 0.54 2.10 0.26 0.95 0.52 0. 1,116.88 0.72 0.65 2.34 0.28 1.00 0.65 0. 1,117.06 0.90 1.96 9.80 0.20 0.81 1.58 1. 1,117.26 1.10 3.49 10.60 0.33 1.12 3.92 1. 1,117.46 1.30 5.02 11.40 0.44 1.36 6.84 2. 1,117.66 1.50 6.55 12.20 0.54 1.56 10.19 3. 1,117.80 1.64 7.62 7.70 0.99 2.34 17.84 4. 1,118.76 2.60 32.83 37.25 0.88 2.17 71.12 8.								11.
h(m) H(m) A(m2) S(m) R(m) V(m/s) Q(m3/s) Q^O.  1,116.36 0.20 0.18 1.30 0.14 0.63 0.11 0. 1,116.56 0.40 0.36 1.70 0.21 0.84 0.30 0. 1,116.76 0.60 0.54 2.10 0.26 0.95 0.52 0. 1,116.88 0.72 0.65 2.34 0.28 1.00 0.65 0. 1,117.06 0.90 1.96 9.80 0.20 0.81 1.58 1. 1,117.26 1.10 3.49 10.60 0.33 1.12 3.92 1. 1,117.46 1.30 5.02 11.40 0.44 1.36 6.84 2. 1,117.66 1.50 6.55 12.20 0.54 1.56 10.19 3. 1,117.80 1.64 7.62 7.70 0.99 2.34 17.84 4. 1,118.76 2.60 32.83 37.25 0.88 2.17 71.12 8.	========		:=======		<b></b>			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	·				n =	0.030		0.005
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							Q(m3/s)	ହ^୦.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								0.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			0.36				· ·	0.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								0.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$								1.
1,117.46     1.30     5.02     11.40     0.44     1.36     6.84     2.       1,117.66     1.50     6.55     12.20     0.54     1.56     10.19     3.       1,117.80     1.64     7.62     7.70     0.99     2.34     17.84     4.       1,118.76     2.60     32.83     37.25     0.88     2.17     71.12     8.								1.
1,117.66     1.50     6.55     12.20     0.54     1.56     10.19     3.       1,117.80     1.64     7.62     7.70     0.99     2.34     17.84     4.       1,118.76     2.60     32.83     37.25     0.88     2.17     71.12     8.								2.
1,117.80     1.64     7.62     7.70     0.99     2.34     17.84     4.       1,118.76     2.60     32.83     37.25     0.88     2.17     71.12     8.								3.
1,118.76 2.60 32.83 37.25 0.88 2.17 71.12 8.								
			and the second second					
- 1 a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,119.16	3.00	44.84	41.76	1.07	2.47	110.82	10.

## DISCHARGE RATING CURVE (1)

	(where, H <	0.72 m)		STATION:	5-030 EXCHANG	E FARM
nM===== NO		H(m)	Q(m3/s)	.H^2.0	-=====================================	H*Q^0.5
	. 2016					=========
• •	19-Jan-70	0.24	0.2	0.0576	0.4359	0.1046
	15-Dec-70	0.03	0.0	0.0009	0.1000	0.0030
	04-Jan-71	0.14	0.1	0.0196	0.3000	0.0420
	26-Jan-71	0.71	0.8	0.5041	0.9000	0.6390
	28-Mar-71	0.11	0.1	0.0121	0.2646	0.0291
6 6	06-Jan-72	0.08	0.0	0.0064	0.2000	0.0160
7 7	28-Jan-72	0.26	0.3	0.0676	0.5099	0.1326
8 9	08-Mar-72	0.17	0.1	0.0289	0.3317	0.0564
9 13	18-Feb-81	0.67	1.0	0.4489	1.0000	0.6700
10 14	17-Aug-81	0.11	0.1	0.0121	0.2828	0.0311
11 21	23-Apr-86	0.71	1.2	0.5041	1.1000	0.7810
12 24	17-Jul-90	0.20	0.1	0.0400	0.3674	0.0735
13 25	31-Dec-90	0.12	0.1	0.0144	0.2236	0.0268
14 26	22-Jan-91	0.62	0.9	0.3844	0.9434	0.5849
15 27	02-Feb-91	0.37	0.3	0.1369	0.5568	0.2060
16 28	21-Feb-91	0.28	0.2	0.0784	0.4796	0.1343
OMIT 8	05-Mar-72	0.70	0.2	0.4900	0.3873	0.2711
OMIT 16	21-Feb-85	0.20	0.3	0.0400	0.5477	0.1095
	22-Feb-85	0.20	0.4	0.0400	0.6671	0.1334
OMIT 18	04-Apr-85	0.26	0.4	0.0676	0.6164	0.1603
	22-Jan-86	0.13	0.4	0.0169	0.5916	0.0769
J.	T O T A L	4.82	5.49	2.32	8.00	3.53
=)  =====	DICOUADCE		TIDVE · A	========= = a * (H +	:========= -	2222222
	DISCHARUE -	TAILING (	JURTE . W	- a - (n -	J) &	
	(where, OMI	T : Omitt	ed Data)		a' =	1.297595
				* .	b'. =	0.108828
					a =	1.683754
				1.5	b =	0.083869
				Correlation	Coefficient	0.989
=M=====		amm======	.=======		25==25==2	

DISCHARGE RATING CURVE (2)

- M						5-030 EXCHANGE	
	NO	DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
1	11	27-Feb-79	1.77	16.2	3.1329	4.0262	7.1263
2 3	20	12-Jan-81	0.80	2.0	0.6400	1.4142	1.1314
	22	08-Mar-89	0.74	1.0	0.5476	$1.2728 \\ 1.0677$	0.9673 0.7901
4 5	23	09-Feb-90	0.74	1.5	0.5476	1.2247	
6	32		0.72	0.78	0.5184	0.8831	0.6358
7						1.3757	1.2381
0	34						
10							
11	37		1.64	17.84	2.6896	4.2237	6.9269
OMIT	10	26-Feb-79	1.18	16.1	1.3924	4.0112	4.7333
OMIT	15	27~Jan-82	1.41	1.7	1.9881	1.3077	1.8438
		TOTAL	11.97	68.13	14.61	24.02	31.08
		DISCHARGE - R					
		(where, OMIT	: Omitt	ed Data)		a' =	
		-					
				Co	rrelation		
6 7 8 9 10 11 OMIT OMIT =M===	32 33 34 35 36 37 10 15	26-Feb-79 27-Jan-82  T O T A L  DISCHARGE - RA	0.72 0.90 1.10 1.30 1.50 1.64 1.18 1.41	0.78 1.89 4.70 8.21 12.23 17.84 16.1 1.7 ====================================	0.5184 0.8100 1.2100 1.6900 2.2500 2.6896 1.3924 1.9881 ===================================	0.8831 1.3757 2.1685 2.8660 3.4976 4.2237 4.0112 1.3077 	0.6358 1.2381 2.3854 3.7258 5.2465 6.9269 4.7333 1.8438 ===================================

		HARGE RATING (where, H	> 1.64 m	<b>)</b> .		5-030 EXCHAN	
••	NO.		H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
1 2 3	37 38 39		1.64 2.60 3.00	17.84 71.12 110.82	2.6896 6.7600 9.0000	4.2237 8.4333 10.5271	6.9269 21.9265
••		TOTAL	7.24	199.78	18.45	23.18	60.43
31=	··· ·· · · ·	DISCHARGE -					
•		(where, OMI	r : Omit	ted Data)		a' = b' = a = b =	4.588993 -3.346731 21.058860 -0.729295
	•			Co	orrelation	Coefficient	0.999

		========		*********	
NO. DATE	H(m)	Q(m3/s)	H^2.0	Q^0.5	H*Q^0.5
		========	=======================================		==========
1 1 21-Oct-48	2.26	69.1	5.0874	8.3105	18.7446
2 2 29-Jun-49		32.5	3.6873	5.6966	10.9388
3 3 19-Aug-49	1.80	11.0	3.2340	3.3104	5.9531
4 4 25-Oct-49		6.5	2.9134	2.5409	4.3370
5 5 10-May-50	3.52	367.6	12.3935	19.1731	67.4979
6 6 15-Feb-51	5.01	901.4	25.1398	30.0226	150.5319
7 7 10-Apr-51	4.01	451.7	16.0650	21.2535	85.1865
8 8 30-May-51	2.42	102.6	5.8717	10.1302	24.5470
9 9 11-Jul-51	2.26	64.1	5.0874	8.0068	18.0596
10 10 19-Sep-51	2.09	31.6	4.3592	5.6190	11.7318
11 11 24-Oct-51	2.01	18.1	4.0469	4.2538	8.5572
12 12 16-Sep-55		47.1	3.4569	6.8643	12.7627
13 13 18-Oct-55	1.68		2.8103	6.8271	11.4450
14 14 12-Sep-56	2.32	62.3	5.3661	7.8928	18.2836
15 15 06-Sep-57		121.6	5.3661	11.0269	25.5436
16 16 15-Nov-57		43.9	3.1794	6.6272	11.8168
17 17 12-Dec-57		58.6	2.5606	7.6561	12.2513
18 20 14-Mar-58	5.59	1229.0	31.2144	35.0564	195.8595
19 21 18-Mar-58	4.92	951.4	24.2312	30.8455	151.8377
20 22 11-Feb-59	6.49		42.1492	44.7880	290.7745
21 23 26-Jan-60	2.53	235.6	6.4001	15.3491	38.8309
22 25 27-Aug-63	2.44	182.3	5.9458	13.5030	32.9258
23 26 01-Oct-63	2.12	130.7	4.4874	11.4316	24.2163
24 27 04-Oct-63	1.94	115.2	3.7461	10.7328	20.7731
25 30 27-Feb-69	7.09	2053.0	50.2199	45.3097	321.0919
26 31 26-Mar-69	6.12	1696.2	37.4964	41.1847	252.1917
27 32 02-Apr-69	6.20	1591.4	38.4354	39.8924	247.3184
28 33 03-Aug-80	2.47	172.6	6.0803	13.1395	32.3999
29 34 11-May-80	2.05	2.8	4.1829	1.6870	3.4502
30 35 28-Nov-80	2.08	98.8	4.3085	9.9404	20.6332
31 36 09-Feb-81	1.79	40.1	3.1903	6.3353	11.3157
32 37 06-Apr-81	4.32	728.3	18,6624	26.9861	116.5800
33 38 13-Jun-81	2.62	197.9	6.8644	14.0673	36.8564
34 40 20-Oct-81	1.80	61.2	3.2400	7.8233	14.0819
35 41 21-Nov-81	1.72	51.7	2.9584	7.1917	12.3697
36 42 10-Dec-81	1.90	90.0	3.6100	9.4868	18.0250
37 43 26-Dec-81		49.1		7.0079	13.1047
38 44 12-Feb-82		1992.0	43.0336	44.6318	
39 45 13-Feb-82				40.8963	
40 46 14-Feb-82		2428.1		49.2757	
41 47 24-Feb-82			59.5984	54.6154	421,6308
42 48 25-Feb-82		2778.8		52.7143	
43 49 26-Feb-82		1920.3		43.8208	297.5430
44 50 27-Feb-82	0.13	1655 4	40.1041	40.6870	the state of the s
45 51 28-Feb-82			37,9456	39.7067	
46 52 08-Mar-82		/ 1150 Q	28.7296	33.9255	
47 53 09-Mar-82			28.4089	32.7255	
47 55 09-Mar-82 48 54 10-Mar-82				32.7255	
49 55 11-Mar-82		1122.8		33.5085	
50 56 12-Mar-82	5.12	1211.0	26.2144	34.7994	178.1731
20 Tairat oc	0.14	THITI	CO+ UT44	97,1004	110,1101

						,	
:M≈==:	2222	<b>32 12 12 13 14 13 14 14 15</b> 16 16 1		and the second s		من محمل مورد مين مين الله من الله الله الله الله الله الله الله الل	
		DATE		Q(m3/s)	Н^2.0	Q^0.5	H*Q^0.5
						***************************************	
		-Mar-82	5.30	1089.0	28.0900	33.0000	174.9000
		-Mar-82		1116.0	28.0900		
		-Mar-82	5.19	1066.0	26.9361	the state of the s	169.4517
		-Mar-82		977.0	25.5025	31.2570	
		-Mar-82		932.0	24.4036 23.4256	30.5287	150.8117
		-Mar-82	4.84		23.4256	30.8383	
		-Mar-82	4.65		21.6225	29.0861	
		-Mar-82		664.0	18.1476		109.7725
		-Mar-82	4.17		17.3889		Annual Control of the
		-Mar-82			17.8929		
		-Mar-82			16.0000		
		-Mar-82	3.84		14.7456		91.3565
		-Mar-82	3.77	488.0	14.2129		
		-Mar-82	3.70		13.6900		83.3116
		-May-82	2.89		8.3521		
66 '	72 17	-Aug-82		48.0	3.6100		
67	73 14	-Oct-82	1.65	44.0	2.7225		
68 '	74 09	-Nov-82	1.67		2.7889	6.8557	11.4489
69 '	75 09	-Jan-84	2.84	218.0	8.0656	14.7648	41.9321
70 '	76.10	-Jan-84	3.18	277.0	10.1124	16.6433	52.9257
71	77 11	-Jan-84	2.98	245.0	8.8804		46.6444
72 '	78 12	-Jan-84	2.96	218.0	8.7616	14.7648	43.7039
		-Jan-84			10.2400	16.2481	51.9938
		-Jan-84			9.5481		43.3702
75 8	81 15	-Jan-84	3.01	197.0 232.0	9.0601	15.2315	45.8470
		-Jan-84	2.95	223.0	8.7025		
		-Jan-84		266.0	10.3041		
		-Jan-84	3.33	378.0	11.0889		64.7426
		-Jan-84	4.86	837.0	23.6196		
		-Jan-84	4.79	767.0	22.9441		·
		-Jan-84	5.13		26.3169	4 11	7 17 . 1
		-Jan-84		930.0	25.4016		153.6993
		-Jan-84	5.13		26.3169	30.5614	156.7801
		-Jan-84	6.47		41.8609		305.2579
		-Jan-84	5.96	1455.0	35.5216	38.1445	227.3410
		-Jan-84	5.73	1262.0	32.8329	and the second s	203.5562
		-Jan-84	5.34	1025.0	28.5156		170.9634
		-Feb-84	5.19	1043.0	26,9361	32.2955	167.6137
		-Feb-84	4.95	893.0		4 17 17	147.9214
		-Feb-84	4.83	799.0	23.3289	·	136.5276
		-Feb-84	5.03	813.0	25.3009		
		-reb-64 -Feb-84	4.70	779.0	22.0900		131.1797
		-reb-64 -Feb-84	5.33	1131.0	28.4089		179.2497
		-reb-84	5.78	1171.0	33.4084		197.7909
_					31.3600		191.7131
		-Feb-84	5.60	1172.0			
		-Feb-84	6.04	1352.0	36.4816		222.0881
		-Feb-84	5.80	1296.0	33.6400		208,8000
		-Feb-84	6.73		45.2929		
		-Feb-84	4.66	732.0	21.7156		126.0786
100 10	06 01	-Mar-84	4.50	631.0	20.2500	25.1197	113.0387

```
H^2.0
          DATE
                    H(m) Q(m3/s)
                                                   Q^0.5
18.9225
101 107 02-Mar-84
                     4.35
                            664.0
                                                 25,7682
                                                           112,0917
102 108 03-Mar-84
                            634.0
                                      17.3056
                     4.16
                                                 25.1794
                                                           104.7461
103 109 04-Mar-84
                     4.02
                            520.0
                                      16,1604
                                                 22.8035
                                                            91.6701
104 110 05-Mar-84
                     3.89
                            525.0
                                      15,1321
                                                 22,9129
                                                            89.1311
105 111 06-Mar-84
                     3.80
                            489.0
                                      14.4400
                                                 22.1133
                                                            84,0307
106 112 07-Mar-84
                     3.76
                            539.0
                                      14.1376
                                                 23.2164
                                                            87.2936
107 113 08-Mar-84
                     3.87
                            475.0
                                     14.9769
                                                 21.7945
                                                            84.3447
108 114 09-Mar-84
                     4.00
                            479.0
                                      16.0000
                                                            87.5443
                                                 21.8861
109 115 11-Mar-84
                     4.18
                            640.0
                                     17.4724
                                                25.2982
                                                           105.7466
110 116 11-Mar-84
                     4.55
                            796.0
                                      20.7025
                                                 28.2135
                                                           128.3713
111 117 12-Mar-84
                     4.98
                            964.0
                                      24,8004
                                                 31.0483
                                                           154,6208
112 118 19-Mar-84
                     4.36
                            702.0
                                      19.0096
                                                 26.4953
                                                           115.5194
113 119 20-Mar-84
                     4.15
                            653.0
                                     17.2225
                                                 25.5539
                                                           106,0485
114 120 21-Mar-84
                     4.03
                            598.0
                                      16.2409
                                                 24.4540
                                                            98.5498
                     3.97
                            619.0
                                      15.7609
                                                 24.8797
                                                            98.7725
115 121 22-Mar-84
                                                 22.7156
                                                           87.0009
116 122 23-Mar-84
                     3.83
                            516.0
                                     14.6689
117 123 24-Mar-84
                     4.20
                            646.0
                                     17.6400
                                                 25.4165
                                                           106.7494
                                                           105.9941
118 124 25-Mar-84
                     4.18
                            643.0
                                      17.4724
                                                 25.3574
119 125 26-Mar-84
                     4.35
                            665.0
                                      18.9225
                                                 25.7876
                                                           112.1760
120 126 27-Mar-84
                     4.28
                            633.0
                                      18.3184
                                                 25.1595
                                                           107.6826
                            604.0
                                      16,7281
                                                 24.5764
                                                           100.5175
121 127 28-Mar-84
                     4.09
                                                            90.0739
122 128 29-Mar-84
                     3.95
                            520.0
                                     15.6025
                                                 22.8035
123 129 30-Mar-84
                     3.81
                            489.0
                                      14.5161
                                                 22.1133
                                                            84.2518
124 130 20-Apr-85
                            472.0
                                      13.6161
                                                 21.7256
                                                            80.1673
                     3.69
                                                            27,5036
125 131 11-Jan-86
                     2.05
                            180.0
                                      4.2025
                                                 13.4164
126 132 12-Aug-86
                             33.0
                                       2.7556
                                                  5.7446
                                                            9.5360
                    1.66
127 134 09-Jul-90
                     2.62
                            117.7
                                       6.8644
                                                 10.8499
                                                            28.4267
                             72.7
                                       5.8564
                                                  8.5276
                                                            20.6368
128 135 08-Aug-90
                     2.42
                     2.12
                                       4.4944
                                                            13.1969
129 136 18-Sep-90
                             38.8
                                                  6.2249
130 137 12-Oct-90
                     2.03
                             34.3
                                       4.1209
                                                  5.8566
                                                            11.8889
                            47.8
131 138 30-Nov-90
                     2.01
                                       4.0401
                                                  6.9145
                                                            13.8981
132 139 18-Jan-91
                     5 57
                           1105.4
                                      31.0249
                                                 33.2474
                                                           185.1881
133 140 28-Feb-91
                    4.05
                            452.5
                                      16.4349
                                                 21.2713
                                                            86.2340
OMIT 18 27-Feb-58
                    11.95
                            4754.4
                                     142.9042
                                                 68.9521
                                                           824.2716
OMIT 19 03-Mar-58
                    10.57
                           3398.0
                                     111.6703
                                                 58.2926
                                                           616.0016
                    10.21
                            295.5
                                     104.2604
                                                 17.1905
                                                           175.5291
OMIT 24 11-Jul-63
                    7.30
                           1037.9
                                      53,3339
                                                 32.2169
                                                           235,2799
OMIT 28 14-Jan-64
                                                  2,7186
                     2.88
                              7.4
                                       8.3140
                                                             7.8388
OMIT 29 16-Feb-69
                                      57,4564
                                                 10.6935
                                                            81.0564
                     7.58
                            114.4
OMIT 39 25-Aug-81
                                                 21.4009
                                                            57.1405
                     2.67
                                       7.1289
OMIT133 21-Aug-87
                            458.0
531.93 91394.25
                                      2445.98
                                                 3091.23
                                                            14833.73
        TOTAL
DISCHARGE - RATING CURVE : Q = a * (H + b)^2
                                                    a' =
                                                            7.756107
        (where, OMIT : Omitted Data)
                                                    b'
                                                           -7.778272
                                                           60.157199
                                                       =
                                                    a
                                                           -1.002858
                                                    b
                                                              0.990
                                  Correlation Coefficient
```