Daily Discharge of the Biwome (estimated)

Year : 1963 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	9.1	10.6	15.8	29.4	29.0	8.3	4.8	27.3	64.3	88.9	19.3
2	9.4	7.3	11.5	17.6	38.7	24.4	10.2	5.7	28.2	74.6	87.1	18.3
3	10.4	7.3	14.3	17.6	35.0	20.6	8.3	4.8	25.4	65.3	79.6	17.4
4	9.4	6.3	17.1	17.6	38.7	20.6	7.4	4.8	32.9	67.1	69.4	18.3
5	8.5	5.4	19.0	14.9	33.1	17.9	7.4	4.8	32.9	60.6	66.6	16.5
6	9.4	4.5	21.8	14.9	32.2	20.6	10.2	4.8	43.1	76.4	48.9	15.5
7	7.6	5.4	22.7	13.9	33.1	21.6	10.2	5.7	39.4	80.2	44.2	15.5
8	7.6	4.5	20.8	15.8	40.6	17.9	9.2	4.8	36.6	63.4	30.2	16.5
9	7.6	5.4	20.8	17.6	33.1	19.7	9.2	4.8	43.1	67.1	24.6	15.5
10	8.5	4.5	20.8	16.7	41.5	19.7	10.2	4.8	38.5	73.7	32.1	13.7
11	7.6	5.4	19.9	14.9	39.6	18.8	8.3	4.8	40.3	81.1	44.2	13.7
12	8.5	5.4	19.0	16.7	29.4	19.7	9.2	4.8	32.9	70.9	40.5	13.7
13	7.6	4.5	14.3	15.8	32.2	21.6	9.2	4.8	29.2	82.0	50.7	13.7
14	8.5	5.4	15.2	15.8	35.9	21.6	8.3	4.8	32.0	58.7	50.7	13.7
15	8.5	5.4	12.4	15.8	31.3	17.9	7.4	4.8	45.0	59.7	36.7	13.7
16	9.4	4.5	17.1	16.7	27.5	20.6	9.2	5.7	38.5	71.8	41.4	13.7
17	10.4	4.5	15.2	14.9	33.1	21.6	8.3	5.7	45.9	78.3	33.0	13.7
18	8.5	4.5	14.3	13.9	35.0	19.7	7.4	4.8	50.6	78.3	33.0	12.7
19	9.4	5.4	16.2	13.9	32.2	24.4	9.2	5.7	50.6	76.4	54.4	12.7
20	9.4	5.4	12.4	13.9	33.1	26.2	7.4	4.8	38.5	81.1	68.4	12.7
21	10.4	4.5	16.2	15.8	37.8	21.6	8.3	4.8	45.0	62.5	62.8	12.7
22	7.6	5.4	15.2	13.9	37.8	20.6	9.2	4.8	39.4	71.8	47.9	12.7
23	7.6	5.4	15.2	17.6	39.6	25.3	8.3	4.8	38.5	75.5	53.5	12.7
24	7.6	4.5	14.3	15.8	36.8	18.8	7.4	5.7	52.5	67.1	65.6	12.7
25	7.6	3.6	13.4	13.9	35.0	20.6	8.3	4.8	52.5	71.8	55.4	13.7
26	9.4	3.6	13.4	14.9	35.9	22.5	8.3	4.8	52.5	74.6	47.9	14.6
27	9.4	2.6	15.2	15.8	35.9	18.8	7.4	4.8	48.7	64.3	47.0	15.5
28	7.6	3.6	11.5	16.7	36.8	20.6	7.4	5.7	61.8	79.2	47.9	13.7
29	7.6		13.4	14.9	36.8	21.6	6.4	4.8	60.8	64.3	33.0	12.7
30	8.5		11.5	14.9	31.3	17.9	6.4	6.6	49.7	82.0	22.8	12.7
31	10.4		12.4		33.1		7.4	6.6		69.9		12.7
mean	8.7	5.1	15.7	15.6	34.9	21.1	8.4	5.1	41.7	71.4	50.3	14.4

Annual mean 24.4
Maximum 88.9

Year : 1964 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	4.5	15.2	13.9	40.6	38.4	12.0	5.7	19.8	42.9	56.3	17.4
2	9.4	6.3	11.5	14.9	36.8	34.6	13.0	5.7	22.6	35.4	55.4	16.5
3	9.4	4.5	15.2	17.6	36.8	34.6	12.0	4.8	29.2	47.6	56.3	17.4
4	8.5	6.3	16.2	14.9	30.3	29.0	12.0	4.8	28.2	50.4	60.0	17.4
5	8.5	4.5	13.4	13.9	35.0	25.3	11.1	5.7	28.2	48.5	70.3	16.5
6	9.4	5.4	11.5	13.9	27.5	21.6	10.2	5.7	22.6	55.0	65.6	17.4
7	10.4	4.5	15.2	16.7	23.8	18.8	10.2	4.8	23.6	51.3	64.7	16.5
8	9.4	5.4	11.5	16.7	23.8	20.6	9.2	5.7	31.0	62.5	71.2	14.6
9	10.4	4.5	12.4	16.7	30.3	18.8	7.4	4.8	33.8	70.9	70.3	13.7
10	8.5	4.5	13.4	17.6	26.6	20.6	7.4	4.8	27.3	66.2	77.7	14.6
11	7.6	5.4	17.1	16.7	30.3	17.9	7.4	4.8	30.1	66.2	74.0	15.5
12	9.4	7.3	18.0	17.6	26.6	17.9	6.4	4.8	40.3	58.7	57.2	14.6
13	7.6	7.3	13.4	13.9	29.4	17.9	7.4	4.8	45.0	60.6	65.6	14.6
14	7.6	6.3	17.1	16.7	26.6	16.9	6.4	5.7	35.7	59.7	55.4	14.6
15	7.6	5.4	17.1	14.9	28.5	15.1	6.4	4.8	44.1	60.6	64.7	13.7
16	9.4	5.4	16.2	14.9	37.8	16.9	6.4	4.8	33.8	55.9	59.1	14.6
17	9.4	3.6	17.1	15.8	40.6	15.1	6.4	5.7	45.9	54.1	48.9	14.6
18	8.5	5.4	15.2	15.8	40.6	15.1	7.4	4.8	45.9	54.1	39.5	12.7
19	8.5	5.4	11.5	16.7	43.4	14.1	7.4	4.8	45.9	56.9	50.7	13.7
20	9.4	5.4	14.3	15.8	43.4	16.0	7.4	5.7	49.7	62.5	34.9	14.6
21	8.5	5.4	14.3	16.7	40.6	13.2	5.5	4.8	47.8	57.8	33.9	13.7
22	8.5	3.6	18.0	15.8	37.8	11.3	6.4	4.8	53.4	59.7	40.5	13.7
23	8.5	4.5	19.0	13.9	35.0	11.3	6.4	4.8	42.2	66.2	46.1	14.6
24	7.6	4.5	16.2	13.9	35.9	11.3	5.5	4.8	51.5	73.7	46.1	12.7
25	9.4	5.4	15.2	16.7	38.7	9.5	5.5	4.8	45.0	69.0	42.3	11.8
26	8.5	4.5	15.2	16.7	37.8	7.6	6.4	5.7	55.2	69.0	42.3	11.8
27	9.4	4.5	19.0	18.6	32.2	10.4	7.4	4.8	55.2	91.4	35.8	11.8
28	9.4	5.4	17.1	17.6	35.9	12.3	7.4	4.8	59.0	99.7	38.6	11.8
29	8.5	5.4	17.1	15.8	35.9	12.3	8.3	4.8	65.5	107.2	29.3	9.9
30	8.5		19.9	15.8	35.9	10.4	6.4	4.8	69.2	117.4	23.7	10.9
31	9.4		19.9		41.5		6.4	4.8		110.0		11.8
mean	8.9	5.2	15.6	15.9	34.4	17.8	7.9	5.1	40.9	65.8	52.5	14.2

Annual mean 23.7
Maximum 117.4

Daily Discharge of the Biwome (estimated)

Year : 1965 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.5	4.5	14.3	14.9	30.3	27.2	12.0	4.8	32.0	55.0	89.9	18.3
2	7.6	4.5	13.4	17.6	35.9	25.3	12.0	5.7	35.7	53.2	82.4	17.4
3	9.4	3.6	13.4	18.6	44.3	25.3	11.1	4.8	32.0	58.7	87.1	17.4
4	8.5	5.4	13.4	14.9	47.1	23.4	11.1	4.8	33.8	51.3	83.3	17.4
5	9.4	6.3	18.0	15.8	43.4	28.1	10.2	4.8	37.5	68.1	77.7	17.4
6	7.6	5.4	14.3	15.8	47.1	27.2	10.2	4.8	35.7	65.3	68.4	16.5
7	9.4	4.5	13.4	18.6	43.4	25.3	10.2	5.7	39.4	58.7	60.0	16.5
8	8.5	5.4	18.0	19.5	44.3	27.2	11.1	5.7	35.7	78.3	58.2	15.5
9	9.4	4.5	17.1	16.7	36.8	28.1	10.2	5.7	33.8	73.7	57.2	16.5
10	7.6	5.4	12.4	17.6	34.0	23.4	8.3	4.8	35.7	70.9	55.4	15.5
11	9.4	3.6	13.4	13.9	34.0	26.2	8.3	5.7	41.3	79.2	51.7	14.6
12	10.4	4.5	13.4	17.6	32.2	22.5	8.3	4.8	34.7	83.0	53.5	14.6
13	7.6	3.6	17.1	13.9	29.4	18.8	8.3	4.8	32.9	82.0	50.7	13.7
14	8.5	5.4	18.0	16.7	22.9	16.9	7.4	4.8	35.7	77.4	49.8	13.7
15	8.5	5.4	15.2	14.9	21.0	21.6	7.4	4.8	47.8	64.3	54.4	13.7
16	8.5	3.6	15.2	14.9	22.9	17.9	8.3	4.8	39.4	57.8	51.7	14.6
17	7.6	4.5	16.2	16.7	23.8	15.1	7.4	5.7	49.7	67.1	53.5	13.7
18	9.4	5.4	15.2	13.0	20.1	15.1	6.4	4.8	46.9	72.7	39.5	13.7
19	8.5	6.3	16.2	14.9	18.2	16.9	6.4	4.8	53.4	67.1	37.7	12.7
20	10.4	5.4	18.0	13.0	18.2	14.1	7.4	4.8	48.7	69.0	34.9	13.7
21	9.4	4.5	16.2	13.0	23.8	13.2	7.4	4.8	47.8	55.0	34.9	12.7
22	7.6	5.4	16.2	15.8	24.7	14.1	5.5	4.8	53.4	61.5	35.8	12.7
23	9.4	5.4	17.1	14.9	26.6	14.1	6.4	4.8	50.6	53.2	26.5	12.7
24	8.5	6.3	19.0	15.8	31.3	15.1	6.4	4.8	45.0	49.4	22.8	11.8
25	7.6	6.3	16.2	17.6	34.0	15.1	6.4	4.8	51.5	55.9	22.8	11.8
26	8.5	6.3	16.2	14.9	36.8	14.1	5.5	4.8	58.0	73.7	28.4	12.7
27	8.5	8.2	15.2	17.6	30.3	11.3	6.4	4.8	44.1	95.1	30.2	12.7
28	8.5	8.2	14.3	15.8	33.1	14.1	5.5	5.7	58.0	84.8	29.3	11.8
29	7.6		15.2	17.6	30.3	10.4	4.6	4.8	50.6	95.1	19.0	11.8
30	7.6		17.1	14.9	34.0	14.1	4.6	4.8	47.8	100.7	18.1	12.7
31	7.6		17.1		36.8		5.5	4.8		80.2		12.7
mean	8.6	5.3	15.7	15.9	32.0	19.4	7.9	5.0	43.0	69.6	48.8	14.3

Annual mean 23.8
Maximum 100.7

Year : 1966 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	4.5	16.2	15.8	39.6	16.0	12.0	4.8	16.1	53.2	48.9	18.3
2	8.5	5.4	17.1	15.8	40.6	14.1	12.0	5.7	16.1	67.1	48.9	18.3
3	9.4	5.4	13.4	15.8	44.3	14.1	13.0	5.7	17.0	56.9	44.2	17.4
4	8.5	6.3	12.4	13.9	39.6	17.9	11.1	4.8	10.5	61.5	63.8	17.4
5	7.6	4.5	10.6	14.9	38.7	16.0	11.1	4.8	14.2	71.8	61.9	17.4
6	7.6	6.3	14.3	13.9	42.4	16.0	11.1	5.7	8.7	57.8	63.8	15.5
7	8.5	6.3	12.4	14.9	43.4	16.0	10.2	4.8	15.2	74.6	65.6	16.5
8	8.5	4.5	13.4	17.6	42.4	12.3	9.2	4.8	31.0	63.4	54.4	16.5
9	6.7	5.4	12.4	15.8	38.7	14.1	8.3	5.7	40.3	75.5	57.2	15.5
10	7.6	4.5	13.4	15.8	39.6	17.9	8.3	5.7	37.5	78.3	59.1	15.5
11	6.7	4.5	11.5	17.6	33.1	16.0	7.4	4.8	44.1	62.5	63.8	14.6
12	6.7	4.5	15.2	16.7	38.7	18.8	7.4	5.7	41.3	73.7	62.8	14.6
13	8.5	4.5	16.2	18.6	36.8	16.0	7.4	4.8	47.8	65.3	47.0	13.7
14	6.7	5.4	13.4	13.9	32.2	14.1	7.4	5.7	41.3	81.1	50.7	13.7
15	7.6	5.4	15.2	15.8	35.9	16.0	7.4	5.7	45.0	76.4	59.1	13.7
16	6.7	5.4	15.2	15.8	35.9	21.6	7.4	4.8	37.5	85.8	55.4	13.7
17	6.7	5.4	16.2	15.8	35.0	20.6	6.4	4.8	38.5	69.9	61.9	13.7
18	5.7	5.4	16.2	14.9	34.0	21.6	7.4	4.8	44.1	67.1	61.0	14.6
19	7.6	4.5	15.2	16.7	36.8	16.9	6.4	4.8	39.4	69.9	45.1	12.7
20	9.4	4.5	18.0	13.9	35.0	19.7	6.4	4.8	46.9	80.2	67.5	12.7
21	9.4	4.5	19.0	16.7	35.0	20.6	6.4	4.8	57.1	77.4	59.1	12.7
22	8.5	4.5	18.0	17.6	34.0	23.4	6.4	4.8	51.5	83.9	60.0	12.7
23	9.4	6.3	20.8	15.8	36.8	24.4	6.4	4.8	49.7	68.1	55.4	11.8
24	9.4	6.3	20.8	17.6	35.0	23.4	7.4	5.7	50.6	82.0	62.8	11.8
25	10.4	4.5	22.7	14.9	32.2	24.4	7.4	4.8	49.7	81.1	61.0	11.8
26	7.6	6.3	17.1	14.9	30.3	29.0	5.5	5.7	53.4	77.4	61.0	12.7
27	8.5	4.5	14.3	15.8	29.4	30.0	6.4	4.8	53.4	63.4	53.5	12.7
28	10.4	4.5	14.3	14.9	28.5	24.4	5.5	4.8	57.1	69.0	47.0	11.8
29	11.3		15.2	16.7	28.5	29.0	6.4	5.7	54.3	81.1	44.2	11.8
30	10.4		14.3	16.7	27.5	25.3	4.6	4.8	54.3	67.1	49.8	10.9
31	10.4		15.2		19.1		4.6	4.8		84.8		10.9
mean	8.4	5.1	15.5	15.9	35.5	19.7	7.9	5.1	38.8	71.8	56.5	14.1

Annual mean 24.5
Maximum 85.8

Daily Discharge of the Biwome (estimated)

Year : 1967 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	10.4	4.5	17.1	11.1	29.4	18.8	13.9	5.7	35.7	46.6	70.3	16.5
2	10.4	6.3	12.4	13.9	35.0	25.3	13.9	5.7	27.3	42.9	79.6	16.5
3	10.4	4.5	12.4	15.8	35.0	22.5	12.0	6.6	39.4	47.6	75.9	16.5
4	10.4	6.3	15.2	14.9	27.5	23.4	11.1	5.7	35.7	39.2	70.3	16.5
5	9.4	6.3	15.2	12.1	32.2	16.0	11.1	5.7	26.4	52.2	71.2	18.3
6	7.6	5.4	10.6	10.2	27.5	16.9	11.1	5.7	34.7	58.7	75.9	17.4
7	8.5	5.4	11.5	11.1	32.2	22.5	9.2	6.6	33.8	55.0	74.0	17.4
8	7.6	5.4	11.5	12.1	37.8	16.0	9.2	4.8	28.2	57.8	60.0	17.4
9	7.6	6.3	11.5	13.9	29.4	15.1	7.4	5.7	31.0	55.9	68.4	16.5
10	7.6	5.4	12.4	14.9	36.8	21.6	8.3	4.8	29.2	52.2	68.4	16.5
11	7.6	5.4	12.4	15.8	35.9	22.5	7.4	4.8	32.9	55.0	67.5	14.6
12	7.6	6.3	13.4	17.6	32.2	21.6	7.4	4.8	38.5	49.4	60.0	14.6
13	8.5	5.4	18.0	18.6	35.0	19.7	7.4	5.7	37.5	64.3	56.3	13.7
14	6.7	4.5	16.2	18.6	28.5	16.9	7.4	4.8	45.9	57.8	56.3	13.7
15	8.5	4.5	17.1	19.5	38.7	20.6	7.4	5.7	46.9	68.1	56.3	14.6
16	7.6	5.4	13.4	16.7	35.9	20.6	7.4	4.8	37.5	54.1	48.9	14.6
17	8.5	6.3	19.0	15.8	30.3	18.8	6.4	3.8	41.3	60.6	45.1	12.7
18	9.4	6.3	19.0	14.9	30.3	18.8	6.4	4.8	42.2	61.5	41.4	14.6
19	9.4	5.4	20.8	16.7	37.8	18.8	7.4	4.8	39.4	60.6	37.7	13.7
20	10.4	4.5	19.9	13.9	30.3	24.4	7.4	4.8	42.2	67.1	36.7	12.7
21	7.6	6.3	20.8	14.9	38.7	22.5	7.4	4.8	49.7	77.4	38.6	12.7
22	8.5	4.5	18.0	13.9	36.8	24.4	8.3	4.8	38.5	85.8	41.4	13.7
23	9.4	6.3	19.9	14.9	39.6	25.3	7.4	4.8	51.5	84.8	31.2	11.8
24	9.4	5.4	20.8	12.1	34.0	24.4	6.4	4.8	54.3	82.0	25.6	12.7
25	8.5	4.5	17.1	13.9	34.0	20.6	7.4	4.8	45.0	90.4	26.5	12.7
26	7.6	6.3	14.3	15.8	37.8	21.6	6.4	3.8	55.2	91.4	28.4	11.8
27	7.6	6.3	12.4	16.7	38.7	19.7	6.4	4.8	51.5	85.8	18.1	12.7
28	8.5	6.3	14.3	17.6	39.6	16.9	6.4	4.8	58.0	96.0	20.9	11.8
29	9.4		15.2	19.5	33.1	17.9	5.5	4.8	62.7	88.6	20.0	12.7
30	7.6		15.2	22.3	38.7	21.6	6.4	4.8	59.0	92.3	16.2	11.8
31	8.5		12.4		40.6		5.5	4.8		101.6		11.8
mean	8.6	5.6	15.5	15.3	34.5	20.5	8.2	5.1	41.7	67.2	49.6	14.4

Annual mean 23.8
Maximum 101.6

Year : 1968 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	5.4	17.1	16.7	24.7	19.7	13.9	5.7	25.4	71.8	1.5	17.4
2	9.4	4.5	14.3	17.6	26.6	19.7	13.9	5.7	32.9	65.3	6.0	17.4
3	11.3	6.3	15.2	13.9	22.9	18.8	12.0	4.8	24.5	76.4	20.9	16.5
4	9.4	5.4	13.4	13.9	21.0	19.7	11.1	4.8	32.9	85.8	18.1	16.5
5	8.5	6.3	14.3	16.7	21.0	19.7	10.2	5.7	33.8	88.6	27.4	16.5
6	9.4	5.4	14.3	14.9	26.6	20.6	10.2	4.8	28.2	88.6	30.2	15.5
7	8.5	5.4	13.4	14.9	27.5	21.6	8.3	4.8	35.7	72.7	29.3	16.5
8	7.6	4.5	18.0	14.9	27.5	19.7	9.2	5.7	33.8	72.7	36.7	16.5
9	7.6	5.4	18.0	14.9	27.5	22.5	8.3	4.8	39.4	76.4	41.4	15.5
10	9.4	5.4	13.4	14.9	28.5	22.5	8.3	4.8	31.0	74.6	47.0	14.6
11	9.4	6.3	14.3	14.9	32.2	21.6	7.4	4.8	30.1	78.3	48.9	15.5
12	9.4	4.5	14.3	15.8	38.7	20.6	7.4	5.7	35.7	92.3	47.0	15.5
13	9.4	5.4	18.0	16.7	36.8	26.2	7.4	4.8	33.8	83.9	56.3	15.5
14	8.5	6.3	13.4	13.9	42.4	20.6	7.4	4.8	45.9	81.1	65.6	14.6
15	8.5	4.5	14.3	13.9	43.4	18.8	7.4	5.7	36.6	84.8	79.6	14.6
16	7.6	4.5	16.2	13.9	45.2	21.6	7.4	5.7	45.0	77.4	72.2	13.7
17	7.6	5.4	15.2	14.9	45.2	16.9	6.4	4.8	48.7	83.9	70.3	13.7
18	8.5	5.4	17.1	13.9	49.0	19.7	6.4	5.7	38.5	67.1	71.2	14.6
19	9.4	7.3	17.1	14.9	49.0	23.4	6.4	5.7	45.9	64.3	68.4	14.6
20	9.4	6.3	13.4	16.7	47.1	16.9	6.4	4.8	43.1	63.4	70.3	13.7
21	8.5	5.4	14.3	16.7	43.4	16.9	6.4	4.8	42.2	66.2	53.5	12.7
22	9.4	4.5	17.1	17.6	35.9	20.6	5.5	4.8	48.7	57.8	59.1	13.7
23	9.4	4.5	14.3	14.9	30.3	16.9	6.4	4.8	52.5	52.2	58.2	12.7
24	9.4	4.5	19.0	14.9	27.5	20.6	6.4	4.8	48.7	39.2	53.5	11.8
25	9.4	6.3	13.4	13.9	31.3	16.0	6.4	4.8	48.7	42.0	47.0	10.9
26	7.6	6.3	15.2	14.9	24.7	20.6	5.5	4.8	53.4	41.0	50.7	10.9
27	8.5	5.4	18.0	13.0	21.9	13.2	6.4	4.8	47.8	40.1	51.7	11.8
28	8.5	5.4	17.1	13.0	21.0	16.0	5.5	4.8	52.5	42.9	61.9	10.9
29	9.4	4.5	14.3	13.9	20.1	17.9	5.5	4.8	65.5	36.4	59.1	10.9
30	9.4		18.0	15.8	23.8	14.1	5.5	4.8	58.0	41.0	59.1	10.9
31	9.4		19.0		22.9		5.5	4.8		49.4		10.9
mean	8.9	5.4	15.6	15.0	31.8	19.5	7.8	5.1	41.3	66.4	48.7	14.1

Annual mean 23.3
Maximum 92.3

Daily Discharge of the Biwome (estimated)

Year : 1969 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.5	5.4	11.5	15.8	42.4	29.0	9.2	5.7	37.5	47.6	56.3	18.3
2	9.4	5.4	16.2	14.9	35.0	26.2	7.4	4.8	42.2	55.9	61.0	18.3
3	9.4	4.5	14.3	15.8	36.8	29.0	7.4	4.8	33.8	48.5	62.8	17.4
4	7.6	6.3	12.4	15.8	33.1	29.0	9.2	5.7	31.0	55.9	59.1	18.3
5	9.4	6.3	13.4	15.8	35.9	25.3	10.2	5.7	32.9	55.9	69.4	16.5
6	7.6	4.5	13.4	13.9	38.7	27.2	9.2	5.7	29.2	48.5	77.7	16.5
7	7.6	5.4	13.4	14.9	30.3	23.4	8.3	4.8	32.0	60.6	69.4	15.5
8	7.6	5.4	13.4	14.9	36.8	27.2	7.4	4.8	37.5	52.2	71.2	14.6
9	7.6	5.4	15.2	17.6	33.1	26.2	8.3	5.7	42.2	50.4	59.1	15.5
10	7.6	4.5	16.2	14.9	31.3	22.5	9.2	4.8	40.3	53.2	56.3	14.6
11	8.5	5.4	15.2	16.7	29.4	23.4	10.2	5.7	37.5	45.7	70.3	13.7
12	7.6	5.4	12.4	15.8	28.5	22.5	8.3	5.7	44.1	59.7	68.4	14.6
13	7.6	6.3	15.2	16.7	22.9	20.6	8.3	5.7	45.0	62.5	55.4	13.7
14	7.6	4.5	17.1	14.9	26.6	18.8	10.2	4.8	33.8	63.4	55.4	14.6
15	9.4	5.4	14.3	17.6	26.6	19.7	9.2	4.8	42.2	64.3	47.0	14.6
16	9.4	6.3	17.1	17.6	29.4	17.9	10.2	4.8	34.7	66.2	56.3	13.7
17	8.5	4.5	15.2	13.9	32.2	15.1	9.2	4.8	31.0	73.7	47.9	14.6
18	9.4	6.3	18.0	15.8	35.9	13.2	8.3	5.7	44.1	62.5	45.1	14.6
19	8.5	4.5	17.1	14.9	37.8	14.1	8.3	4.8	44.1	68.1	53.5	14.6
20	8.5	5.4	18.0	17.6	29.4	15.1	8.3	4.8	40.3	65.3	50.7	14.6
21	7.6	4.5	14.3	16.7	35.0	13.2	8.3	4.8	48.7	76.4	45.1	12.7
22	8.5	5.4	16.2	16.7	37.8	13.2	6.4	5.7	44.1	72.7	42.3	14.6
23	9.4	5.4	17.1	15.8	37.8	12.3	7.4	4.8	45.9	83.0	44.2	12.7
24	8.5	4.5	16.2	14.9	32.2	10.4	8.3	4.8	40.3	95.1	46.1	12.7
25	7.6	4.5	18.0	13.9	35.0	12.3	6.4	5.7	45.9	93.2	47.9	11.8
26	10.4	5.4	17.1	13.9	41.5	10.4	6.4	4.8	46.9	80.2	33.9	12.7
27	7.6	4.5	19.9	17.6	35.0	13.2	8.3	4.8	59.9	80.2	32.1	11.8
28	7.6	5.4	19.9	15.8	35.9	12.3	6.4	4.8	55.2	90.4	33.9	11.8
29	9.4		19.0	13.9	39.6	10.4	8.3	4.8	61.8	91.4	33.0	11.8
30	8.5		17.1	17.6	40.6	11.3	6.4	4.8	55.2	88.6	20.9	11.8
31	8.5		19.0		35.9		6.4	5.7		91.4		11.8
mean	8.4	5.2	15.9	15.8	34.1	18.8	8.2	5.1	42.0	67.8	52.4	14.4

Annual mean 24.0
Maximum 95.1

Year : 1970 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.5	5.4	9.7	14.9	37.8	23.4	9.2	4.8	23.6	50.4	45.1	19.3
2	7.6	5.4	12.4	15.8	35.0	17.9	12.0	5.7	15.2	52.2	51.7	19.3
3	8.5	6.3	11.5	14.9	33.1	18.8	13.9	4.8	23.6	40.1	48.9	17.4
4	9.4	5.4	8.7	16.7	33.1	18.8	12.0	5.7	31.0	54.1	52.6	17.4
5	8.5	5.4	9.7	14.9	29.4	22.5	10.2	4.8	35.7	55.0	69.4	16.5
6	9.4	4.5	8.7	14.9	30.3	20.6	9.2	4.8	29.2	46.6	58.2	14.6
7	7.6	4.5	8.7	13.9	36.8	21.6	10.2	5.7	32.0	56.9	74.9	15.5
8	9.4	4.5	12.4	15.8	31.3	17.9	9.2	5.7	30.1	66.2	66.6	14.6
9	8.5	5.4	14.3	13.9	32.2	22.5	9.2	5.7	32.9	60.6	72.2	13.7
10	7.6	5.4	14.3	14.9	35.9	21.6	9.2	4.8	33.8	72.7	74.9	13.7
11	9.4	6.3	15.2	13.9	35.0	24.4	7.4	4.8	39.4	58.7	73.1	14.6
12	7.6	6.3	17.1	17.6	36.8	22.5	8.3	4.8	45.0	69.0	69.4	13.7
13	8.5	4.5	18.0	13.9	39.6	20.6	7.4	4.8	38.5	69.0	69.4	13.7
14	8.5	6.3	17.1	15.8	34.0	22.5	7.4	4.8	37.5	55.0	57.2	12.7
15	8.5	5.4	15.2	15.8	35.0	22.5	8.3	4.8	43.1	53.2	54.4	13.7
16	7.6	6.3	18.0	16.7	30.3	18.8	8.3	4.8	38.5	54.1	53.5	13.7
17	9.4	5.4	14.3	14.9	31.3	25.3	8.3	4.8	33.8	55.9	58.2	14.6
18	10.4	3.6	16.2	17.6	29.4	20.6	7.4	4.8	37.5	73.7	43.3	12.7
19	7.6	4.5	15.2	17.6	36.8	20.6	6.4	4.8	37.5	69.9	44.2	12.7
20	7.6	5.4	16.2	13.9	34.0	22.5	6.4	4.8	46.9	65.3	44.2	12.7
21	8.5	6.3	14.3	14.9	28.5	17.9	6.4	5.7	41.3	66.2	47.9	12.7
22	8.5	4.5	17.1	15.8	29.4	16.9	7.4	4.8	45.0	83.9	47.9	13.7
23	8.5	5.4	17.1	14.9	24.7	19.7	6.4	4.8	54.3	82.0	42.3	13.7
24	7.6	5.4	16.2	18.6	30.3	21.6	5.5	5.7	54.3	83.0	34.9	12.7
25	9.4	6.3	15.2	14.9	34.0	18.8	6.4	4.8	47.8	90.4	32.1	12.7
26	8.5	5.4	17.1	15.8	32.2	24.4	6.4	4.8	49.7	89.5	43.3	12.7
27	10.4	4.5	18.0	18.6	37.8	24.4	6.4	5.7	47.8	94.2	38.6	13.7
28	9.4	5.4	16.2	14.9	37.8	23.4	5.5	4.8	52.5	89.5	35.8	15.5
29	8.5		15.2	14.9	32.2	20.6	5.5	5.7	62.7	90.4	36.7	13.7
30	9.4		15.2	16.7	38.7	18.8	5.5	4.8	59.0	97.9	33.9	13.7
31	9.4		18.0		37.8		6.4	4.8		86.7		14.6
mean	8.7	5.3	14.6	15.6	33.6	21.1	8.0	5.1	40.0	68.8	52.5	14.4

Annual mean 24.0
Maximum 97.9

Daily Discharge of the Biwome (estimated)

Year : 1971 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	11.3	5.4	15.2	13.9	54.5	16.9	9.2	4.8	18.0	53.2	84.3	15.5
2	9.4	5.4	17.1	14.9	48.0	23.4	7.4	4.8	12.4	53.2	80.5	17.4
3	9.4	4.5	17.1	13.9	40.6	23.4	9.2	4.8	10.5	45.7	77.7	17.4
4	10.4	5.4	14.3	13.0	34.0	19.7	9.2	4.8	14.2	50.4	71.2	16.5
5	10.4	5.4	17.1	13.0	28.5	21.6	7.4	4.8	12.4	49.4	71.2	16.5
6	7.6	6.3	15.2	14.9	33.1	16.0	7.4	4.8	18.9	49.4	69.4	17.4
7	7.6	6.3	14.3	15.8	30.3	22.5	9.2	4.8	22.6	45.7	61.9	16.5
8	7.6	5.4	16.2	15.8	32.2	16.9	8.3	4.8	18.9	55.9	63.8	15.5
9	7.6	5.4	16.2	17.6	35.0	17.9	7.4	4.8	29.2	47.6	64.7	15.5
10	7.6	4.5	17.1	15.8	31.3	18.8	8.3	4.8	39.4	50.4	61.9	14.6
11	7.6	5.4	16.2	16.7	31.3	17.9	7.4	5.7	45.9	47.6	56.3	15.5
12	9.4	5.4	14.3	14.9	39.6	22.5	7.4	4.8	46.9	59.7	60.0	14.6
13	9.4	4.5	15.2	15.8	35.9	22.5	9.2	5.7	47.8	63.4	52.6	13.7
14	9.4	6.3	15.2	13.9	33.1	22.5	7.4	4.8	39.4	59.7	59.1	14.6
15	8.5	6.3	14.3	15.8	34.0	18.8	7.4	4.8	39.4	55.0	50.7	13.7
16	9.4	7.3	17.1	17.6	33.1	21.6	8.3	4.8	50.6	75.5	53.5	13.7
17	8.5	5.4	15.2	15.8	24.7	21.6	7.4	4.8	42.2	78.3	47.9	13.7
18	9.4	5.4	15.2	16.7	24.7	24.4	9.2	4.8	46.9	71.8	45.1	13.7
19	7.6	4.5	14.3	13.0	26.6	21.6	7.4	4.8	49.7	73.7	43.3	13.7
20	8.5	4.5	18.0	14.9	24.7	24.4	11.1	4.8	51.5	86.7	43.3	13.7
21	9.4	5.4	15.2	13.9	26.6	24.4	10.2	4.8	53.4	78.3	43.3	12.7
22	9.4	4.5	14.3	16.7	21.9	23.4	10.2	4.8	45.0	80.2	39.5	13.7
23	8.5	6.3	16.2	16.7	26.6	17.9	7.4	4.8	45.0	84.8	31.2	11.8
24	8.5	4.5	14.3	17.6	33.1	20.6	8.3	4.8	50.6	87.6	27.4	12.7
25	6.7	6.3	18.0	18.6	32.2	23.4	8.3	4.8	50.6	86.7	31.2	12.7
26	8.5	6.3	14.3	16.7	36.8	16.9	7.4	4.8	57.1	88.6	18.1	11.8
27	6.7	6.3	14.3	16.7	34.0	18.8	7.4	4.8	53.4	91.4	22.8	11.8
28	8.5	4.5	14.3	19.5	33.1	17.9	7.4	4.8	54.3	90.4	22.8	11.8
29	7.6		15.2	19.5	35.9	16.9	9.2	5.7	56.2	80.2	23.7	10.9
30	6.7		15.2	16.7	33.1	24.4	7.4	4.8	50.6	82.0	16.2	11.8
31	6.7		15.2		31.3		7.4	4.8		85.8		10.9
mean	8.5	5.5	15.5	15.9	32.9	20.7	8.3	4.9	39.1	68.0	49.8	14.1

Annual mean 23.6
Maximum 91.4

Year : 1972 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	4.5	16.2	14.9	48.0	19.7	11.1	4.8	0.3	55.0	72.2	18.3
2	8.5	5.4	18.0	15.8	47.1	16.9	10.2	4.8	6.8	51.3	67.5	17.4
3	9.4	4.5	13.4	15.8	40.6	19.7	11.1	5.7	14.2	57.8	61.0	17.4
4	8.5	5.4	17.1	16.7	36.8	23.4	8.3	4.8	22.6	48.5	65.6	17.4
5	8.5	4.5	18.0	13.9	39.6	26.2	8.3	4.8	25.4	58.7	76.8	16.5
6	7.6	6.3	18.0	13.9	41.5	23.4	11.1	4.8	32.9	50.4	67.5	15.5
7	9.4	6.3	14.3	14.9	34.0	24.4	8.3	4.8	28.2	58.7	78.7	15.5
8	9.4	4.5	13.4	13.0	33.1	21.6	9.2	4.8	32.0	62.5	67.5	16.5
9	7.6	5.4	17.1	15.8	35.9	22.5	9.2	4.8	36.6	57.8	68.4	15.5
10	9.4	5.4	15.2	14.9	39.6	19.7	7.4	4.8	45.0	61.5	71.2	14.6
11	7.6	6.3	14.3	13.9	34.0	20.6	7.4	4.8	54.3	69.0	63.8	14.6
12	9.4	6.3	13.4	17.6	35.9	21.6	7.4	4.8	54.3	62.5	60.0	15.5
13	9.4	5.4	15.2	15.8	34.0	22.5	7.4	4.8	48.7	58.7	59.1	13.7
14	7.6	5.4	18.0	15.8	35.0	16.9	6.4	4.8	46.9	69.9	47.9	14.6
15	8.5	5.4	18.0	17.6	37.8	21.6	5.5	4.8	40.3	66.2	51.7	13.7
16	7.6	6.3	13.4	15.8	35.9	18.8	5.5	5.7	43.1	60.6	46.1	13.7
17	9.4	6.3	15.2	16.7	30.3	20.6	7.4	4.8	32.9	78.3	39.5	12.7
18	9.4	4.5	16.2	16.7	32.2	20.6	6.4	4.8	33.8	72.7	32.1	12.7
19	10.4	5.4	13.4	13.9	31.3	22.5	6.4	4.8	32.9	73.7	41.4	12.7
20	10.4	4.5	16.2	16.7	27.5	24.4	7.4	4.8	31.0	85.8	48.9	11.8
21	7.6	5.4	16.2	15.8	28.5	24.4	8.3	4.8	33.8	84.8	37.7	11.8
22	7.6	5.4	13.4	14.9	27.5	21.6	8.3	4.8	44.1	70.9	44.2	11.8
23	6.7	6.3	13.4	13.9	30.3	20.6	7.4	4.8	52.5	84.8	41.4	11.8
24	7.6	5.4	18.0	15.8	25.7	17.9	9.2	4.8	45.9	86.7	41.4	12.7
25	6.7	4.5	18.0	13.9	30.3	17.9	7.4	4.8	54.3	76.4	37.7	12.7
26	7.6	4.5	19.0	13.9	31.3	19.7	9.2	5.7	53.4	83.9	34.9	11.8
27	8.5	5.4	14.3	15.8	26.6	17.9	7.4	4.8	54.3	75.5	34.9	11.8
28	7.6	5.4	17.1	17.6	31.3	19.7	7.4	4.8	53.4	82.0	23.7	12.7
29	9.4	5.4	18.0	17.6	27.5	14.1	9.2	4.8	46.9	80.2	26.5	11.8
30	8.5		17.1	17.6	25.7	15.1	8.3	4.8	45.0	88.6	27.4	11.8
31	7.6		19.0		34.0		8.3	4.8		76.4		12.7
mean	8.5	5.4	16.0	15.6	33.8	20.6	8.1	4.9	38.2	69.3	51.2	14.0

Annual mean 23.8
Maximum 88.6

Daily Discharge of the Biwome (estimated)

Year : 1973 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	7.6	3.6	15.2	16.7	33.1	13.2	11.1	4.8	45.9	49.4	71.2	15.5
2	8.5	4.5	15.2	17.6	37.8	16.0	10.2	5.7	32.9	51.3	71.2	15.5
3	8.5	3.6	19.0	13.9	29.4	13.2	10.2	4.8	46.9	51.3	62.8	13.7
4	7.6	6.3	15.2	15.8	29.4	15.1	11.1	5.7	45.0	55.0	72.2	13.7
5	7.6	5.4	13.4	14.9	32.2	11.3	10.2	4.8	35.7	54.1	80.5	14.6
6	6.7	4.5	18.0	15.8	35.9	16.0	11.1	4.8	44.1	59.7	73.1	14.6
7	6.7	6.3	14.3	15.8	36.8	17.9	10.2	4.8	32.9	60.6	83.3	14.6
8	6.7	5.4	15.2	14.9	33.1	14.1	10.2	5.7	35.7	60.6	72.2	13.7
9	7.6	6.3	13.4	15.8	34.0	14.1	11.1	4.8	44.1	55.0	74.9	13.7
10	7.6	6.3	13.4	15.8	30.3	15.1	8.3	4.8	37.5	73.7	68.4	16.5
11	7.6	4.5	15.2	17.6	33.1	16.0	8.3	4.8	32.9	60.6	67.5	13.7
12	8.5	4.5	18.0	14.9	31.3	14.1	8.3	4.8	41.3	72.7	50.7	13.7
13	8.5	5.4	16.2	14.9	30.3	18.8	8.3	4.8	43.1	65.3	44.2	15.5
14	7.6	6.3	18.0	16.7	37.8	18.8	8.3	4.8	36.6	76.4	42.3	15.5
15	11.3	4.5	14.3	13.9	29.4	18.8	7.4	5.7	41.3	65.3	37.7	13.7
16	11.3	6.3	17.1	17.6	35.0	17.9	6.4	4.8	44.1	60.6	41.4	15.5
17	11.3	5.4	16.2	16.7	38.7	18.8	7.4	4.8	49.7	55.9	40.5	16.5
18	10.4	4.5	16.2	13.9	30.3	24.4	6.4	4.8	42.2	62.5	35.8	15.5
19	11.3	4.5	17.1	13.9	36.8	27.2	6.4	4.8	44.1	65.3	36.7	15.5
20	10.4	6.3	18.0	13.9	32.2	27.2	5.5	4.8	49.7	67.1	41.4	14.6
21	8.5	5.4	18.0	14.9	31.3	27.2	6.4	4.8	54.3	80.2	38.6	14.6
22	7.6	5.4	14.3	14.9	34.0	29.0	6.4	5.7	42.2	86.7	43.3	13.7
23	8.5	4.5	13.4	13.9	29.4	30.9	6.4	4.8	47.8	80.2	33.9	13.7
24	7.6	6.3	14.3	17.6	31.3	25.3	7.4	4.8	42.2	77.4	42.3	12.7
25	9.4	5.4	17.1	13.9	37.8	26.2	5.5	4.8	51.5	97.9	41.4	14.6
26	7.6	4.5	18.0	17.6	40.6	20.6	7.4	4.8	55.2	96.0	46.1	11.8
27	8.5	6.3	18.0	15.8	40.6	23.4	6.4	4.8	43.1	78.3	33.9	12.7
28	8.5	5.4	15.2	17.6	34.0	22.5	6.4	4.8	44.1	80.2	26.5	13.7
29	6.7		15.2	15.8	32.2	20.6	7.4	5.7	40.3	92.3	30.2	11.8
30	6.7		14.3	16.7	33.1	11.3	7.4	5.7	49.7	80.2	27.4	11.8
31	5.7		19.0		40.6		6.4	5.7		79.2		11.8
mean	8.3	5.3	16.0	15.7	33.9	19.5	8.1	5.0	43.2	69.4	51.1	14.2

Annual mean 24.1
Maximum 97.9

Year : 1974 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	7.6	8.2	18.0	15.8	24.7	21.6	13.9	5.7	34.7	62.5	58.2	17.4
2	7.6	7.3	16.2	14.9	23.8	25.3	13.9	4.8	30.1	65.3	64.7	15.5
3	7.6	5.4	12.4	13.9	21.0	23.4	12.0	5.7	33.8	72.7	74.0	15.5
4	7.6	4.5	13.4	16.7	21.0	20.6	11.1	5.7	34.7	54.1	68.4	16.5
5	8.5	5.4	15.2	16.7	24.7	17.9	11.1	4.8	36.6	66.2	63.8	15.5
6	7.6	4.5	11.5	15.8	22.9	15.1	9.2	4.8	26.4	57.8	58.2	16.5
7	8.5	3.6	14.3	16.7	26.6	22.5	10.2	4.8	32.9	75.5	74.0	16.5
8	8.5	3.6	11.5	15.8	25.7	15.1	8.3	5.7	31.0	68.1	63.8	15.5
9	8.5	4.5	12.4	16.7	37.8	23.4	8.3	5.7	37.5	70.9	71.2	17.4
10	9.4	3.6	11.5	14.9	42.4	19.7	7.4	4.8	28.2	70.9	72.2	17.4
11	7.6	4.5	11.5	17.6	43.4	21.6	7.4	4.8	41.3	73.7	61.9	15.5
12	7.6	4.5	13.4	17.6	44.3	19.7	7.4	4.8	35.7	73.7	66.6	15.5
13	9.4	3.6	14.3	15.8	43.4	19.7	7.4	5.7	38.5	66.2	59.1	16.5
14	8.5	5.4	15.2	15.8	44.3	20.6	7.4	4.8	34.7	69.9	53.5	15.5
15	10.4	4.5	14.3	13.9	43.4	20.6	7.4	4.8	37.5	79.2	56.3	14.6
16	9.4	5.4	17.1	13.9	44.3	18.8	7.4	4.8	34.7	81.1	47.0	14.6
17	8.5	4.5	20.8	15.8	40.6	23.4	5.5	5.7	44.1	65.3	50.7	14.6
18	8.5	4.5	19.0	17.6	42.4	17.9	5.5	5.7	46.9	71.8	56.3	13.7
19	6.7	5.4	19.9	17.6	35.9	23.4	5.5	4.8	37.5	68.1	39.5	13.7
20	8.5	4.5	18.0	13.9	35.0	25.3	5.5	4.8	52.5	69.0	54.4	12.7
21	8.5	3.6	20.8	14.9	34.0	18.8	6.4	5.7	43.1	79.2	42.3	13.7
22	8.5	4.5	16.2	13.9	31.3	25.3	5.5	4.8	50.6	83.9	45.1	12.7
23	8.5	4.5	17.1	15.8	33.1	20.6	5.5	4.8	56.2	78.3	43.3	11.8
24	8.5	5.4	15.2	13.9	29.4	19.7	6.4	5.7	47.8	66.2	40.5	11.8
25	7.6	5.4	19.0	13.9	31.3	17.9	5.5	4.8	47.8	68.1	40.5	12.7
26	8.5	7.3	13.4	14.9	25.7	19.7	6.4	4.8	47.8	69.9	26.5	10.9
27	8.5	8.2	13.4	14.9	26.6	23.4	6.4	4.8	57.1	79.2	33.9	11.8
28	8.5	8.2	12.4	16.7	26.6	17.9	7.4	4.8	57.1	74.6	33.0	10.9
29	7.6		12.4	15.8	30.3	21.6	5.5	4.8	47.8	67.1	27.4	10.9
30	11.3		16.2	13.9	30.3	20.6	5.5	4.8	50.6	74.6	19.0	10.9
31	10.4		17.1		32.2		5.5	4.8		90.4		10.9
mean	8.5	5.2	15.3	15.5	32.9	20.7	7.7	5.1	41.2	71.4	52.2	14.2

Annual mean 24.1
Maximum 90.4

Daily Discharge of the Biwome (estimated)

Year : 1975 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	4.5	16.2	13.0	39.6	24.4	9.2	5.7	44.1	49.4	16.2	17.4
2	9.4	4.5	15.2	12.1	37.8	17.9	7.4	5.7	45.0	53.2	20.9	18.3
3	9.4	5.4	18.0	14.9	33.1	17.9	7.4	6.6	46.9	58.7	23.7	18.3
4	9.4	6.3	13.4	12.1	37.8	18.8	8.3	5.7	37.5	51.3	23.7	16.5
5	7.6	6.3	6.9	13.9	35.0	18.8	7.4	4.8	42.2	66.2	20.9	16.5
6	9.4	7.3	9.7	13.9	36.8	18.8	8.3	5.7	40.3	52.2	23.7	16.5
7	8.5	6.3	11.5	14.9	33.1	16.9	8.3	5.7	45.0	49.4	32.1	15.5
8	8.5	6.3	9.7	13.9	36.8	16.0	9.2	5.7	49.7	65.3	29.3	15.5
9	9.4	7.3	13.4	13.9	30.3	18.8	9.2	4.8	44.1	54.1	34.9	15.5
10	7.6	5.4	12.4	16.7	29.4	18.8	9.2	4.8	40.3	53.2	40.5	14.6
11	9.4	6.3	15.2	16.7	30.3	23.4	9.2	5.7	35.7	48.5	40.5	14.6
12	8.5	6.3	15.2	14.9	35.0	23.4	8.3	4.8	38.5	63.4	48.9	14.6
13	7.6	5.4	15.2	17.6	35.0	26.2	8.3	5.7	48.7	65.3	58.2	13.7
14	8.5	4.5	14.3	15.8	39.6	20.6	7.4	4.8	37.5	65.3	69.4	14.6
15	7.6	5.4	17.1	19.5	31.3	22.5	7.4	4.8	43.1	65.3	74.9	13.7
16	7.6	4.5	17.1	19.5	35.0	22.5	10.2	4.8	45.9	73.7	77.7	14.6
17	9.4	4.5	16.2	15.8	33.1	20.6	9.2	5.7	35.7	66.2	72.2	13.7
18	8.5	4.5	16.2	15.8	30.3	24.4	9.2	4.8	38.5	77.4	77.7	12.7
19	9.4	5.4	15.2	16.7	30.3	22.5	7.4	4.8	36.6	65.3	61.9	12.7
20	7.6	5.4	17.1	17.6	29.4	16.9	9.2	4.8	39.4	70.9	70.3	11.8
21	8.5	5.4	17.1	16.7	39.6	23.4	9.2	4.8	45.9	86.7	61.9	11.8
22	7.6	4.5	17.1	17.6	33.1	20.6	10.2	4.8	48.7	88.6	62.8	11.8
23	10.4	4.5	18.0	17.6	33.1	19.7	11.1	4.8	37.5	87.6	68.4	12.7
24	9.4	4.5	17.1	13.9	39.6	18.8	11.1	4.8	46.9	90.4	68.4	12.7
25	8.5	6.3	17.1	17.6	35.0	22.5	10.2	4.8	44.1	88.6	62.8	11.8
26	9.4	6.3	14.3	16.7	33.1	19.7	7.4	4.8	50.6	82.0	51.7	12.7
27	7.6	4.5	18.0	14.9	30.3	19.7	8.3	5.7	50.6	80.2	60.0	12.7
28	7.6	5.4	17.1	15.8	35.9	16.9	7.4	4.8	38.5	91.4	53.5	12.7
29	9.4		17.1	16.7	34.0	19.7	7.4	5.7	54.3	70.9	56.3	11.8
30	9.4		17.1	15.8	28.5	22.5	7.4	5.7	57.1	77.4	49.8	11.8
31	8.5		15.2		30.3		8.3	4.8		71.8		11.8
mean	8.7	5.5	15.2	15.8	33.9	20.5	8.6	5.2	43.6	68.7	50.4	14.1

Annual mean 24.2
Maximum 91.4

Year : 1976 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	5.4	15.2	11.1	30.3	22.5	14.8	4.8	43.1	69.9	45.1	19.3
2	10.4	4.5	15.2	13.9	37.8	17.9	13.0	4.8	33.8	65.3	46.1	18.3
3	8.5	4.5	14.3	15.8	38.7	17.9	12.0	4.8	50.6	55.9	64.7	18.3
4	9.4	5.4	16.2	17.6	31.3	15.1	12.0	4.8	45.9	75.5	54.4	18.3
5	8.5	4.5	15.2	16.7	36.8	15.1	10.2	4.8	40.3	70.9	53.5	16.5
6	9.4	6.3	13.4	18.6	35.0	19.7	10.2	4.8	34.7	57.8	61.9	15.5
7	9.4	4.5	10.6	16.7	34.0	18.8	10.2	4.8	47.8	68.1	64.7	16.5
8	8.5	5.4	14.3	17.6	30.3	16.9	8.3	4.8	35.7	70.9	56.3	15.5
9	8.5	6.3	12.4	20.4	35.9	14.1	9.2	5.7	45.0	80.2	61.9	13.7
10	7.6	5.4	11.5	20.4	25.7	14.1	8.3	5.7	44.1	66.2	56.3	13.7
11	8.5	5.4	18.0	18.6	28.5	14.1	7.4	4.8	37.5	80.2	50.7	14.6
12	9.4	5.4	15.2	16.7	27.5	14.1	7.4	5.7	46.9	71.8	44.2	13.7
13	9.4	5.4	17.1	16.7	28.5	15.1	7.4	4.8	40.3	67.1	49.8	13.7
14	7.6	4.5	16.2	13.0	28.5	12.3	6.4	5.7	42.2	79.2	49.8	13.7
15	7.6	6.3	18.0	10.2	35.9	18.8	6.4	4.8	33.8	64.3	60.0	13.7
16	9.4	5.4	16.2	12.1	35.0	20.6	7.4	4.8	46.9	83.0	51.7	12.7
17	7.6	4.5	16.2	13.9	29.4	16.9	6.4	5.7	37.5	76.4	42.3	13.7
18	7.6	5.4	13.4	11.1	28.5	22.5	6.4	4.8	40.3	76.4	50.7	14.6
19	7.6	5.4	17.1	12.1	35.0	26.2	6.4	5.7	42.2	68.1	63.8	13.7
20	7.6	6.3	13.4	13.0	36.8	22.5	6.4	5.7	45.0	66.2	53.5	13.7
21	8.5	4.5	11.5	13.9	36.8	23.4	6.4	4.8	46.9	73.7	56.3	12.7
22	9.4	4.5	12.4	15.8	35.9	24.4	6.4	4.8	49.7	66.2	53.5	12.7
23	8.5	4.5	17.1	17.6	38.7	22.5	6.4	4.8	47.8	78.3	46.1	13.7
24	8.5	4.5	19.0	15.8	36.8	18.8	7.4	4.8	38.5	78.3	49.8	13.7
25	8.5	4.5	19.9	16.7	39.6	23.4	6.4	4.8	36.6	69.9	56.3	14.6
26	8.5	4.5	15.2	14.9	40.6	22.5	5.5	4.8	35.7	77.4	62.8	12.7
27	10.4	5.4	16.2	14.9	37.8	27.2	6.4	4.8	42.2	66.2	45.1	12.7
28	7.6	5.4	16.2	16.7	42.4	26.2	6.4	4.8	48.7	65.3	61.9	12.7
29	8.5	4.5	16.2	14.9	41.5	29.0	5.5	4.8	39.4	66.2	51.7	12.7
30	9.4		18.0	13.9	33.1	23.4	5.5	5.7	51.5	83.0	58.2	12.7
31	8.5		19.0		35.0		5.5	4.8		74.6		13.7
mean	8.7	5.1	15.5	15.4	34.4	19.9	7.9	5.0	42.4	71.4	54.1	14.5

Annual mean 24.5
Maximum 83.0

Daily Discharge of the Biwome (estimated)

Year : 1977 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.5	5.4	13.4	7.4	43.4	30.0	9.2	6.6	31.0	57.8	61.0	16.5
2	9.4	6.3	18.0	10.2	37.8	23.4	8.3	5.7	40.3	69.0	56.3	17.4
3	10.4	5.4	13.4	13.9	38.7	25.3	7.4	5.7	40.3	65.3	55.4	17.4
4	8.5	6.3	14.3	13.9	36.8	26.2	8.3	5.7	41.3	75.5	62.8	17.4
5	8.5	6.3	19.0	17.6	32.2	24.4	6.4	4.8	43.1	76.4	60.0	17.4
6	7.6	6.3	16.2	18.6	30.3	26.2	6.4	4.8	39.4	73.7	54.4	17.4
7	8.5	5.4	16.2	19.5	38.7	27.2	6.4	4.8	39.4	69.9	65.6	17.4
8	9.4	4.5	15.2	17.6	30.3	25.3	8.3	4.8	35.7	70.9	72.2	16.5
9	9.4	4.5	15.2	19.5	36.8	28.1	7.4	4.8	40.3	75.5	71.2	15.5
10	8.5	6.3	16.2	19.5	29.4	23.4	7.4	4.8	36.6	63.4	67.5	16.5
11	7.6	4.5	16.2	16.7	25.7	23.4	8.3	4.8	40.3	81.1	66.6	14.6
12	8.5	5.4	14.3	14.9	25.7	21.6	8.3	4.8	35.7	79.2	65.6	15.5
13	7.6	6.3	17.1	16.7	29.4	20.6	8.3	4.8	34.7	79.2	67.5	13.7
14	8.5	5.4	17.1	15.8	34.0	22.5	7.4	4.8	40.3	64.3	63.8	13.7
15	7.6	6.3	18.0	14.9	29.4	17.9	9.2	5.7	34.7	73.7	69.4	13.7
16	9.4	6.3	15.2	12.1	31.3	20.6	8.3	4.8	37.5	70.9	54.4	13.7
17	8.5	5.4	19.0	11.1	36.8	16.9	8.3	4.8	32.9	62.5	59.1	13.7
18	9.4	4.5	18.0	12.1	30.3	21.6	7.4	4.8	39.4	78.3	59.1	13.7
19	8.5	5.4	17.1	13.0	29.4	17.9	8.3	4.8	41.3	64.3	62.8	12.7
20	7.6	5.4	14.3	14.9	38.7	21.6	9.2	5.7	43.1	75.5	43.3	13.7
21	7.6	5.4	15.2	13.9	36.8	17.9	7.4	4.8	48.7	83.0	53.5	12.7
22	8.5	6.3	13.4	17.6	37.8	16.9	8.3	4.8	45.0	66.2	51.7	12.7
23	7.6	5.4	14.3	16.7	36.8	14.1	8.3	4.8	52.5	75.5	55.4	12.7
24	8.5	6.3	18.0	17.6	37.8	14.1	9.2	4.8	48.7	62.5	36.7	11.8
25	8.5	6.3	13.4	15.8	38.7	12.3	9.2	5.7	40.3	80.2	33.9	11.8
26	7.6	6.3	12.4	15.8	29.4	13.2	8.3	4.8	55.2	84.8	44.2	11.8
27	8.5	6.3	15.2	13.9	36.8	7.6	9.2	4.8	43.1	73.7	35.8	11.8
28	9.4	5.4	13.4	14.9	38.7	8.5	11.1	4.8	47.8	78.3	35.8	10.9
29	7.6		16.2	16.7	35.9	14.1	9.2	4.8	49.7	81.1	43.3	10.9
30	9.4		14.3	16.7	29.4	16.9	10.2	4.8	62.7	78.3	36.7	9.9
31	7.6		16.2		35.9		13.0	4.8		82.0		10.9
mean	8.5	5.7	15.7	15.3	34.2	20.0	8.4	5.0	42.0	73.3	55.5	14.1

Annual mean 24.8
Maximum 84.8

Year : 1978 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	10.4	5.4	13.4	14.9	25.7	18.8	12.0	5.7	33.8	46.6	54.4	15.5
2	10.4	6.3	10.6	13.9	21.0	19.7	11.1	4.8	37.5	61.5	47.9	15.5
3	7.6	5.4	11.5	16.7	19.1	19.7	11.1	4.8	40.3	61.5	60.0	15.5
4	9.4	5.4	10.6	14.9	13.5	16.9	11.1	4.8	40.3	74.6	67.5	15.5
5	7.6	5.4	10.6	15.8	16.3	23.4	11.1	4.8	26.4	86.7	59.1	16.5
6	7.6	5.4	15.2	15.8	21.9	23.4	11.1	4.8	35.7	78.3	59.1	15.5
7	9.4	6.3	14.3	16.7	28.5	19.7	9.2	4.8	38.5	70.9	59.1	16.5
8	8.5	6.3	14.3	13.9	28.5	19.7	9.2	4.8	34.7	68.1	64.7	15.5
9	7.6	5.4	14.3	13.0	31.3	16.9	9.2	4.8	32.0	54.1	70.3	15.5
10	9.4	6.3	16.2	13.9	35.0	21.6	8.3	4.8	38.5	60.6	69.4	16.5
11	8.5	6.3	14.3	13.9	35.9	22.5	8.3	4.8	32.0	53.2	60.0	15.5
12	8.5	4.5	15.2	13.9	30.3	19.7	7.4	4.8	43.1	55.0	73.1	15.5
13	9.4	5.4	15.2	13.9	38.7	22.5	8.3	4.8	39.4	64.3	63.8	14.6
14	7.6	6.3	17.1	13.9	40.6	18.8	7.4	5.7	32.0	65.3	63.8	14.6
15	8.5	5.4	15.2	17.6	50.8	23.4	8.3	4.8	44.1	57.8	55.4	15.5
16	7.6	5.4	15.2	14.9	50.8	28.1	6.4	4.8	37.5	78.3	62.8	13.7
17	9.4	4.5	17.1	13.9	49.9	27.2	6.4	4.8	37.5	75.5	68.4	14.6
18	7.6	4.5	15.2	13.9	41.5	19.7	6.4	5.7	46.9	80.2	54.4	13.7
19	7.6	4.5	13.4	16.7	38.7	21.6	6.4	4.8	44.1	75.5	48.9	13.7
20	7.6	6.3	17.1	17.6	36.8	21.6	6.4	4.8	37.5	83.0	56.3	12.7
21	9.4	5.4	14.3	16.7	35.9	20.6	7.4	4.8	41.3	80.2	46.1	12.7
22	8.5	4.5	18.0	14.9	34.0	18.8	7.4	4.8	41.3	72.7	47.0	13.7
23	8.5	5.4	18.0	13.9	30.3	15.1	6.4	4.8	42.2	64.3	52.6	11.8
24	9.4	6.3	20.8	14.9	32.2	18.8	5.5	4.8	50.6	67.1	40.5	12.7
25	9.4	6.3	18.0	17.6	33.1	16.0	5.5	4.8	52.5	74.6	44.2	12.7
26	8.5	5.4	17.1	17.6	30.3	16.0	5.5	5.7	49.7	69.0	37.7	11.8
27	8.5	5.4	16.2	17.6	29.4	16.9	5.5	3.8	55.2	85.8	36.7	11.8
28	8.5	4.5	15.2	19.5	26.6	16.0	6.4	3.8	46.9	85.8	33.9	11.8
29	7.6		18.0	15.8	28.5	19.7	5.5	4.8	59.9	85.8	25.6	10.9
30	8.5		13.4	18.6	21.9	21.6	5.5	4.8	48.7	73.7	36.7	10.9
31	9.4		14.3		21.9		5.5	4.8		91.4		10.9
mean	8.6	5.5	15.1	15.6	31.6	20.1	7.8	4.9	41.3	71.0	54.0	14.0

Annual mean 24.1
Maximum 91.4

Daily Discharge of the Biwome (estimated)

Year : 1979 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.5	6.3	9.7	17.6	35.0	23.4	14.8	6.6	27.3	55.0	90.8	18.3
2	7.6	4.5	11.5	17.6	40.6	21.6	13.9	5.7	29.2	58.7	88.0	17.4
3	8.5	6.3	14.3	13.9	34.0	22.5	13.0	5.7	32.0	45.7	83.3	18.3
4	8.5	6.3	15.2	15.8	36.8	18.8	12.0	4.8	21.7	52.2	81.5	17.4
5	9.4	4.5	19.0	15.8	38.7	20.6	11.1	4.8	27.3	45.7	73.1	16.5
6	9.4	4.5	20.8	17.6	43.4	16.0	9.2	4.8	29.2	47.6	73.1	16.5
7	8.5	6.3	21.8	13.9	49.0	16.9	7.4	5.7	19.8	53.2	66.6	15.5
8	8.5	6.3	23.6	13.9	44.3	18.8	7.4	5.7	24.5	50.4	53.5	14.6
9	7.6	5.4	22.7	13.9	43.4	22.5	6.4	4.8	31.0	49.4	47.9	14.6
10	9.4	5.4	17.1	15.8	40.6	20.6	7.4	4.8	26.4	45.7	43.3	15.5
11	8.5	4.5	17.1	13.9	39.6	20.6	8.3	4.8	38.5	58.7	41.4	14.6
12	7.6	6.3	15.2	15.8	36.8	23.4	8.3	5.7	44.1	51.3	38.6	14.6
13	8.5	6.3	11.5	13.0	31.3	24.4	7.4	4.8	36.6	61.5	28.4	13.7
14	9.4	5.4	10.6	16.7	30.3	24.4	6.4	5.7	43.1	54.1	33.0	15.5
15	8.5	5.4	14.3	15.8	26.6	19.7	7.4	4.8	47.8	61.5	36.7	13.7
16	7.6	5.4	12.4	14.9	21.9	22.5	7.4	5.7	48.7	58.7	35.8	12.7
17	9.4	6.3	12.4	16.7	18.2	18.8	7.4	4.8	45.9	56.9	39.5	13.7
18	9.4	4.5	14.3	14.9	18.2	19.7	6.4	5.7	45.0	73.7	48.9	12.7
19	7.6	4.5	10.6	13.9	23.8	17.9	5.5	4.8	49.7	64.3	48.9	13.7
20	8.5	6.3	13.4	17.6	24.7	21.6	6.4	4.8	44.1	75.5	59.1	13.7
21	8.5	4.5	11.5	16.7	29.4	23.4	6.4	5.7	44.1	85.8	55.4	11.8
22	8.5	5.4	11.5	15.8	25.7	17.9	7.4	4.8	47.8	86.7	47.0	11.8
23	9.4	6.3	11.5	13.9	30.3	21.6	7.4	4.8	47.8	82.0	39.5	12.7
24	9.4	4.5	14.3	14.9	25.7	21.6	7.4	4.8	45.9	75.5	40.5	11.8
25	8.5	4.5	14.3	16.7	29.4	23.4	6.4	4.8	43.1	81.1	37.7	12.7
26	10.4	4.5	12.4	15.8	31.3	17.9	7.4	4.8	54.3	94.2	26.5	12.7
27	8.5	4.5	15.2	16.7	30.3	21.6	7.4	4.8	52.5	87.6	22.8	11.8
28	7.6	4.5	16.2	13.9	26.6	23.4	6.4	4.8	48.7	96.9	24.6	13.7
29	7.6		14.3	14.9	27.5	16.9	7.4	4.8	48.7	100.7	19.0	12.7
30	8.5		19.9	17.6	29.4	23.4	6.4	4.8	51.5	88.6	20.0	13.7
31	7.6		20.8		31.3		6.4	4.8		90.4		13.7
mean	8.6	5.3	15.1	15.5	32.1	20.9	8.1	5.1	39.9	67.4	48.1	14.3

Annual mean 23.4
Maximum 100.7

Year : 1980 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	6.3	16.2	16.7	36.8	20.6	10.2	4.8	20.8	35.4	56.3	18.3
2	8.5	4.5	18.0	13.0	30.3	22.5	7.4	4.8	20.8	45.7	54.4	18.3
3	8.5	5.4	15.2	16.7	38.7	27.2	9.2	4.8	17.0	56.9	62.8	17.4
4	11.3	6.3	12.4	13.9	30.3	26.2	9.2	4.8	18.9	51.3	49.8	17.4
5	8.5	5.4	14.3	14.9	36.8	26.2	7.4	4.8	30.1	70.9	57.2	16.5
6	9.4	4.5	13.4	17.6	33.1	27.2	9.2	4.8	22.6	65.3	58.2	17.4
7	7.6	5.4	13.4	17.6	35.0	24.4	9.2	4.8	23.6	74.6	59.1	16.5
8	8.5	4.5	15.2	17.6	32.2	23.4	9.2	4.8	26.4	68.1	65.6	15.5
9	9.4	4.5	13.4	16.7	35.9	27.2	8.3	4.8	37.5	83.9	47.9	13.7
10	8.5	5.4	14.3	13.9	36.8	25.3	9.2	5.7	35.7	69.0	51.7	13.7
11	7.6	5.4	15.2	16.7	28.5	20.6	8.3	4.8	40.3	77.4	57.2	13.7
12	7.6	4.5	12.4	14.9	28.5	20.6	7.4	4.8	35.7	77.4	55.4	14.6
13	8.5	6.3	16.2	15.8	30.3	22.5	7.4	4.8	35.7	83.0	67.5	14.6
14	9.4	4.5	13.4	13.9	28.5	19.7	7.4	4.8	45.9	99.7	58.2	13.7
15	9.4	5.4	14.3	13.9	35.9	22.5	9.2	4.8	48.7	85.8	60.0	13.7
16	9.4	6.3	13.4	14.9	37.8	22.5	9.2	4.8	45.9	85.8	51.7	13.7
17	7.6	4.5	17.1	14.9	30.3	19.7	8.3	4.8	49.7	81.1	66.6	13.7
18	7.6	6.3	18.0	14.9	31.3	16.9	8.3	4.8	48.7	79.2	47.0	14.6
19	7.6	4.5	18.0	14.9	38.7	19.7	10.2	4.8	38.5	69.9	61.0	12.7
20	9.4	5.4	14.3	17.6	39.6	15.1	8.3	4.8	43.1	69.9	61.9	12.7
21	8.5	4.5	14.3	17.6	30.3	17.9	9.2	4.8	46.9	63.4	44.2	14.6
22	9.4	5.4	14.3	15.8	36.8	15.1	7.4	4.8	43.1	52.2	56.3	13.7
23	8.5	6.3	14.3	17.6	31.3	15.1	9.2	4.8	43.1	58.7	52.6	13.7
24	8.5	5.4	16.2	13.9	38.7	15.1	9.2	4.8	38.5	57.8	45.1	12.7
25	9.4	4.5	19.9	15.8	32.2	13.2	9.2	4.8	48.7	60.6	59.1	12.7
26	9.4	6.3	16.2	15.8	31.3	13.2	8.3	5.7	55.2	70.9	46.1	12.7
27	8.5	4.5	19.0	13.9	29.4	13.2	7.4	5.7	51.5	69.0	57.2	11.8
28	7.6	4.5	18.0	16.7	31.3	9.5	7.4	5.7	62.7	61.5	43.3	11.8
29	7.6	6.3	15.2	16.7	34.0	10.4	7.4	4.8	63.6	72.7	39.5	11.8
30	7.6		15.2	15.8	39.6	8.5	10.2	4.8	58.0	54.1	48.9	11.8
31	9.4		19.9		36.8		8.3	4.8		69.9		11.8
mean	8.6	5.3	15.5	15.7	33.8	19.4	8.6	4.9	39.9	68.4	54.7	14.2

Annual mean 24.1
Maximum 99.7

Daily Discharge of the Biwome (estimated)

Year : 1981 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.4	4.5	15.2	12.1	15.4	24.4	13.0	5.7	15.2	60.6	58.2	16.5
2	9.4	4.5	13.4	13.0	20.1	26.2	13.0	5.7	16.1	52.2	58.2	16.5
3	8.5	6.3	11.5	13.0	16.3	28.1	11.1	5.7	18.9	45.7	51.7	14.6
4	7.6	4.5	11.5	12.1	15.4	23.4	10.2	5.7	18.0	57.8	63.8	14.6
5	7.6	5.4	12.4	10.2	20.1	23.4	8.3	4.8	13.3	46.6	55.4	14.6
6	9.4	4.5	13.4	12.1	21.0	24.4	8.3	4.8	21.7	53.2	57.2	13.7
7	10.4	4.5	13.4	12.1	26.6	24.4	10.2	5.7	14.2	72.7	67.5	13.7
8	8.5	5.4	13.4	11.1	29.4	21.6	10.2	4.8	18.9	69.9	56.3	14.6
9	9.4	5.4	15.2	13.9	33.1	17.9	10.2	5.7	33.8	62.5	57.2	14.6
10	9.4	6.3	13.4	14.9	31.3	17.9	10.2	5.7	40.3	67.1	71.2	15.5
11	10.4	5.4	15.2	14.9	37.8	17.9	9.2	4.8	34.7	70.9	73.1	15.5
12	7.6	4.5	15.2	15.8	35.9	18.8	9.2	4.8	43.1	73.7	64.7	15.5
13	7.6	4.5	11.5	15.8	38.7	18.8	7.4	4.8	51.5	69.0	55.4	15.5
14	9.4	4.5	13.4	18.6	44.3	21.6	7.4	5.7	53.4	65.3	69.4	16.5
15	9.4	6.3	14.3	19.5	53.6	18.8	7.4	4.8	48.7	69.9	50.7	15.5
16	9.4	6.3	14.3	17.6	49.0	21.6	8.3	4.8	49.7	62.5	63.8	17.4
17	10.4	5.4	18.0	16.7	44.3	19.7	8.3	4.8	53.4	71.8	54.4	14.6
18	8.5	5.4	19.0	17.6	39.6	25.3	7.4	4.8	45.9	75.5	47.0	15.5
19	8.5	6.3	18.0	16.7	34.0	17.9	7.4	4.8	58.0	69.9	61.9	14.6
20	7.6	4.5	18.0	14.9	34.0	16.9	7.4	4.8	43.1	70.9	64.7	13.7
21	8.5	4.5	18.0	13.0	30.3	18.8	5.5	4.8	43.1	83.0	51.7	12.7
22	5.7	5.4	19.0	13.0	34.0	19.7	6.4	4.8	49.7	74.6	47.9	12.7
23	6.7	5.4	14.3	16.7	30.3	20.6	6.4	4.8	45.0	79.2	43.3	12.7
24	5.7	6.3	14.3	15.8	28.5	14.1	6.4	4.8	49.7	88.6	52.6	11.8
25	6.7	5.4	16.2	14.9	26.6	16.9	5.5	4.8	49.7	89.5	49.8	11.8
26	6.7	6.3	17.1	14.9	25.7	14.1	5.5	4.8	44.1	72.7	37.7	13.7
27	4.8	4.5	17.1	14.9	26.6	11.3	5.5	4.8	50.6	84.8	33.0	11.8
28	7.6	6.3	15.2	19.5	29.4	12.3	5.5	4.8	52.5	85.8	42.3	13.7
29	7.6		17.1	16.7	35.0	7.6	5.5	5.7	55.2	79.2	33.9	12.7
30	7.6		18.0	18.6	35.9	9.5	5.5	4.8	55.2	76.4	43.3	12.7
31	9.4		16.2		35.9		6.4	5.7		89.5		11.8
mean	8.2	5.3	15.2	15.0	31.6	19.1	8.0	5.1	39.6	70.7	54.6	14.2

Annual mean 23.9
Maximum 89.5

Year : 1982 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.5	5.4	10.6	16.7	16.3	26.2	12.0	4.8	24.5	42.9	71.2	19.3
2	8.5	6.3	12.4	14.9	15.4	23.4	11.1	4.8	15.2	38.2	75.9	19.3
3	8.5	4.5	9.7	13.9	18.2	22.5	13.0	5.7	21.7	45.7	80.5	17.4
4	8.5	5.4	12.4	14.9	19.1	26.2	13.0	5.7	20.8	42.9	69.4	17.4
5	9.4	6.3	12.4	12.1	21.0	24.4	10.2	4.8	27.3	49.4	70.3	16.5
6	8.5	5.4	15.2	13.0	21.0	24.4	10.2	4.8	21.7	50.4	70.3	15.5
7	7.6	4.5	14.3	13.9	22.9	24.4	9.2	4.8	24.5	52.2	70.3	15.5
8	9.4	5.4	10.6	13.9	25.7	23.4	9.2	4.8	29.2	56.9	61.0	13.7
9	11.3	4.5	12.4	10.2	28.5	24.4	8.3	4.8	31.0	52.2	60.0	13.7
10	11.3	5.4	8.7	12.1	28.5	26.2	7.4	4.8	33.8	59.7	63.8	14.6
11	11.3	5.4	10.6	14.9	31.3	21.6	7.4	4.8	33.8	61.5	63.8	13.7
12	8.5	6.3	11.5	16.7	34.0	25.3	7.4	4.8	44.1	57.8	61.9	13.7
13	8.5	4.5	16.2	14.9	33.1	25.3	5.5	4.8	38.5	54.1	57.2	15.5
14	8.5	4.5	16.2	16.7	35.0	24.4	6.4	5.7	52.5	50.4	55.4	15.5
15	7.6	6.3	16.2	18.6	35.0	23.4	6.4	4.8	45.9	55.9	48.9	14.6
16	9.4	6.3	15.2	15.8	35.9	21.6	8.3	5.7	59.0	57.8	52.6	14.6
17	8.5	5.4	16.2	16.7	44.3	21.6	8.3	5.7	61.8	51.3	52.6	13.7
18	9.4	5.4	16.2	15.8	46.2	16.9	8.3	5.7	61.8	55.0	50.7	13.7
19	8.5	4.5	17.1	16.7	46.2	17.9	7.4	4.8	54.3	56.9	44.2	14.6
20	9.4	4.5	19.9	16.7	43.4	16.9	8.3	4.8	53.4	57.8	47.0	13.7
21	7.6	5.4	17.1	16.7	43.4	14.1	7.4	4.8	59.0	61.5	44.2	12.7
22	8.5	6.3	19.9	15.8	39.6	12.3	7.4	4.8	54.3	60.6	33.0	12.7
23	6.7	5.4	16.2	16.7	41.5	10.4	8.3	4.8	39.4	64.3	41.4	12.7
24	7.6	4.5	18.0	16.7	41.5	14.1	8.3	4.8	42.2	67.1	35.8	12.7
25	8.5	3.6	17.1	18.6	39.6	14.1	7.4	5.7	32.9	82.0	34.9	12.7
26	9.4	4.5	13.4	17.6	35.0	14.1	6.4	4.8	32.9	82.0	25.6	12.7
27	9.4	5.4	18.0	14.9	33.1	10.4	5.5	4.8	41.3	88.6	26.5	11.8
28	9.4	5.4	16.2	14.9	34.0	12.3	5.5	4.8	40.3	96.0	17.2	11.8
29	9.4		18.0	14.9	32.2	11.3	4.6	4.8	39.4	106.3	19.0	10.9
30	9.4		17.1	16.7	29.4	10.4	6.4	4.8	47.8	108.1	18.1	10.9
31	9.4		19.0		27.5		4.6	5.7		121.2		11.8
mean	8.9	5.2	15.0	15.4	32.2	19.5	8.0	5.0	39.5	64.1	50.8	14.2

Annual mean 23.1
Maximum 121.2

Daily Discharge of the Biwome (estimated)

Year : 1983 — Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	10.4	5.4	16.2	16.7	28.5	19.7	8.3	5.7	33.8	43.8	63.8	16.5
2	10.4	6.3	15.2	16.7	36.8	26.2	9.2	4.8	39.4	51.3	61.9	16.5
3	8.5	6.3	19.0	13.9	35.0	26.2	7.4	4.8	35.7	54.1	67.5	16.5
4	8.5	4.5	16.2	14.9	31.3	24.4	9.2	5.7	28.2	53.2	59.1	15.5
5	7.6	5.4	16.2	17.6	39.6	24.4	10.2	4.8	33.8	67.1	66.6	16.5
6	7.6	5.4	20.8	17.6	41.5	24.4	9.2	5.7	33.8	53.2	56.3	14.6
7	9.4	6.3	15.2	17.6	39.6	28.1	7.4	4.8	31.0	59.7	58.2	14.6
8	7.6	6.3	18.0	14.9	36.8	26.2	7.4	4.8	33.8	55.0	63.8	15.5
9	7.6	6.3	15.2	15.8	32.2	24.4	8.3	4.8	39.4	56.9	59.1	14.6
10	8.5	7.3	17.1	16.7	37.8	22.5	7.4	5.7	37.5	52.2	69.4	15.5
11	8.5	5.4	14.3	15.8	31.3	21.6	8.3	4.8	32.0	66.2	53.5	15.5
12	7.6	5.4	15.2	14.9	35.9	23.4	8.3	4.8	41.3	58.7	71.2	16.5
13	7.6	5.4	16.2	17.6	31.3	17.9	8.3	4.8	43.1	80.2	61.0	14.6
14	8.5	5.4	19.0	15.8	34.0	18.8	9.2	4.8	43.1	62.5	63.8	15.5
15	8.5	5.4	18.0	15.8	36.8	20.6	7.4	4.8	32.0	61.5	54.4	15.5
16	9.4	5.4	17.1	14.9	29.4	17.9	9.2	4.8	45.0	76.4	64.7	15.5
17	8.5	5.4	17.1	15.8	38.7	16.9	8.3	4.8	38.5	81.1	61.9	14.6
18	9.4	4.5	15.2	15.8	29.4	19.7	8.3	4.8	42.2	69.0	54.4	13.7
19	7.6	4.5	17.1	17.6	37.8	16.0	9.2	4.8	37.5	66.2	55.4	14.6
20	9.4	5.4	17.1	17.6	36.8	19.7	8.3	4.8	46.9	81.1	57.2	13.7
21	8.5	3.6	17.1	16.7	30.3	15.1	9.2	4.8	43.1	91.4	54.4	14.6
22	8.5	5.4	13.4	15.8	36.8	15.1	9.2	4.8	48.7	73.7	34.9	13.7
23	8.5	4.5	11.5	15.8	34.0	15.1	8.3	4.8	43.1	70.9	31.2	15.5
24	9.4	4.5	13.4	13.9	35.0	13.2	7.4	4.8	56.2	70.9	43.3	12.7
25	8.5	5.4	13.4	13.9	35.0	12.3	9.2	4.8	49.7	88.6	41.4	13.7
26	7.6	4.5	11.5	14.9	31.3	16.9	7.4	4.8	49.7	80.2	44.2	11.8
27	9.4	5.4	15.2	18.6	29.4	16.0	9.2	4.8	54.3	81.1	33.0	12.7
28	8.5	8.2	14.3	15.8	35.0	12.3	9.2	4.8	46.9	86.7	30.2	11.8
29	8.5		13.4	17.6	32.2	15.1	8.3	4.8	59.9	80.2	36.7	10.9
30	9.4		11.5	15.8	31.3	15.1	7.4	4.8	61.8	73.7	32.1	9.9
31	8.5		11.5		38.7		9.2	3.8		78.3		10.9
mean	8.6	5.5	15.5	16.1	34.5	19.5	8.5	4.9	42.0	68.6	53.5	14.3

Annual mean 24.3
Maximum 91.4

Year : 1984 — Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	12.2	4.5	15.2	17.6	32.2	22.5	10.2	4.8	42.2	65.3	45.1	18.3
2	8.5	5.4	18.0	17.6	29.4	26.2	10.2	4.8	50.6	54.1	47.0	18.3
3	8.5	6.3	18.0	19.5	35.9	25.3	10.2	5.7	35.7	57.8	51.7	17.4
4	11.3	4.5	17.1	16.7	34.0	19.7	10.2	4.8	46.9	43.8	40.5	16.5
5	10.4	5.4	17.1	15.8	37.8	21.6	9.2	4.8	37.5	38.2	58.2	17.4
6	9.4	5.4	17.1	17.6	32.2	21.6	10.2	4.8	51.5	41.0	47.9	17.4
7	8.5	4.5	13.4	14.9	35.9	20.6	9.2	4.8	45.9	45.7	57.2	16.5
8	8.5	6.3	19.0	16.7	35.9	18.8	8.3	4.8	36.6	73.7	47.9	16.5
9	9.4	5.4	14.3	14.9	34.0	18.8	10.2	4.8	49.7	77.4	52.6	14.6
10	7.6	6.3	14.3	15.8	29.4	16.9	8.3	4.8	42.2	78.3	51.7	15.5
11	8.5	5.4	18.0	16.7	33.1	21.6	8.3	4.8	33.8	88.6	48.9	13.7
12	7.6	4.5	16.2	15.8	35.9	23.4	9.2	4.8	45.0	89.5	61.0	14.6
13	9.4	4.5	16.2	17.6	37.8	17.9	8.3	4.8	37.5	96.0	60.0	13.7
14	9.4	6.3	18.0	19.5	33.1	15.1	9.2	4.8	40.3	74.6	49.8	13.7
15	9.4	6.3	14.3	16.7	35.9	16.0	8.3	4.8	38.5	71.8	48.9	13.7
16	7.6	5.4	16.2	17.6	33.1	21.6	8.3	4.8	44.1	90.4	59.1	14.6
17	8.5	5.4	16.2	15.8	29.4	17.9	10.2	5.7	41.3	72.7	52.6	12.7
18	7.6	6.3	15.2	15.8	26.6	16.9	7.4	4.8	47.8	77.4	55.4	13.7
19	8.5	4.5	14.3	13.0	33.1	16.0	9.2	4.8	44.1	75.5	54.4	12.7
20	8.5	4.5	16.2	13.9	37.8	16.0	8.3	4.8	42.2	81.1	49.8	12.7
21	7.6	5.4	16.2	10.2	30.3	16.9	8.3	4.8	33.8	79.2	64.7	11.8
22	9.4	4.5	14.3	11.1	39.6	16.0	6.4	5.7	49.7	72.7	56.3	12.7
23	7.6	4.5	16.2	9.3	35.0	16.0	8.3	4.8	35.7	68.1	49.8	12.7
24	8.5	5.4	15.2	10.2	35.0	20.6	6.4	4.8	46.9	78.3	57.2	12.7
25	8.5	4.5	19.0	11.1	37.8	18.8	6.4	4.8	37.5	85.8	46.1	11.8
26	9.4	7.3	14.3	12.1	34.0	16.9	4.6	4.8	41.3	73.7	57.2	12.7
27	8.5	7.3	16.2	15.8	43.4	20.6	4.6	4.8	36.6	69.0	53.5	11.8
28	9.4	8.2	14.3	16.7	35.0	25.3	4.6	4.8	44.1	54.1	61.0	11.8
29	9.4	6.3	14.3	16.7	37.8	30.0	4.6	4.8	54.3	56.9	51.7	11.8
30	7.6		19.0	17.6	38.7	23.4	4.6	4.8	50.6	59.7	41.4	12.7
31	8.5		16.2		37.8		4.6	5.7		40.1		11.8
mean	8.8	5.5	16.1	15.3	34.7	20.0	7.9	4.9	42.8	68.7	52.6	14.1

Annual mean 24.3
Maximum 96.0

Daily Discharge of the Biwome (estimated)

Year : 1985 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.5	5.4	17.1	13.0	31.3	27.2	12.0	4.8	46.9	39.2	71.2	18.3
2	9.4	4.5	14.3	17.6	27.5	30.0	9.2	4.8	32.0	37.3	77.7	17.4
3	7.6	4.5	18.0	15.8	25.7	32.8	9.2	4.8	32.9	50.4	70.3	18.3
4	8.5	4.5	13.4	14.9	25.7	30.9	9.2	4.8	32.9	49.4	62.8	16.5
5	8.5	5.4	16.2	15.8	20.1	30.9	7.4	4.8	38.5	51.3	62.8	17.4
6	8.5	5.4	17.1	17.6	25.7	28.1	7.4	4.8	29.2	48.5	68.4	17.4
7	10.4	6.3	18.0	15.8	29.4	23.4	8.3	4.8	36.6	51.3	69.4	15.5
8	7.6	4.5	14.3	16.7	30.3	21.6	8.3	4.8	33.8	51.3	69.4	15.5
9	7.6	4.5	17.1	13.9	30.3	22.5	7.4	4.8	40.3	53.2	72.2	16.5
10	8.5	5.4	13.4	16.7	33.1	18.8	8.3	4.8	32.9	57.8	62.8	15.5
11	9.4	7.3	16.2	15.8	32.2	17.9	8.3	4.8	41.3	52.2	69.4	14.6
12	8.5	5.4	17.1	14.9	40.6	18.8	8.3	4.8	41.3	54.1	59.1	14.6
13	8.5	5.4	16.2	13.9	37.8	17.9	9.2	4.8	32.9	63.4	59.1	14.6
14	8.5	6.3	13.4	16.7	32.2	18.8	7.4	5.7	41.3	54.1	57.2	13.7
15	9.4	5.4	14.3	13.9	28.5	16.0	7.4	4.8	38.5	52.2	60.0	13.7
16	8.5	5.4	18.0	16.7	27.5	16.0	7.4	4.8	43.1	63.4	51.7	13.7
17	10.4	5.4	18.0	15.8	32.2	13.2	9.2	4.8	38.5	66.2	58.2	13.7
18	8.5	4.5	13.4	17.6	38.7	11.3	8.3	4.8	44.1	70.9	54.4	12.7
19	8.5	5.4	16.2	17.6	46.2	11.3	9.2	5.7	42.2	63.4	50.7	13.7
20	8.5	5.4	17.1	15.8	39.6	11.3	10.2	4.8	49.7	72.7	47.0	13.7
21	8.5	4.5	18.0	16.7	35.9	8.5	10.2	5.7	51.5	74.6	38.6	13.7
22	8.5	5.4	15.2	16.7	35.9	9.5	9.2	4.8	43.1	81.1	32.1	12.7
23	7.6	4.5	17.1	17.6	37.8	9.5	10.2	4.8	54.3	80.2	34.9	12.7
24	9.4	4.5	13.4	17.6	36.8	11.3	10.2	4.8	55.2	82.0	33.9	12.7
25	8.5	4.5	17.1	13.9	36.8	15.1	8.3	4.8	43.1	87.6	33.9	12.7
26	8.5	5.4	16.2	16.7	33.1	16.0	10.2	4.8	47.8	86.7	38.6	12.7
27	6.7	3.6	17.1	17.6	35.0	16.9	8.3	4.8	49.7	87.6	23.7	11.8
28	7.6	5.4	18.0	14.9	39.6	14.1	8.3	4.8	52.5	92.3	19.0	12.7
29	5.7		19.0	15.8	35.0	16.0	7.4	4.8	48.7	104.4	29.3	11.8
30	5.7		18.0	13.9	43.4	15.1	7.4	4.8	45.9	102.5	26.5	11.8
31	4.8		14.3		44.3		6.4	4.8		106.3		11.8
mean	8.2	5.1	16.2	15.9	33.8	18.4	8.6	4.9	42.0	67.3	52.1	14.3

Annual mean 23.9
Maximum 106.3

Year : 1986 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	7.6	4.5	10.6	16.7	22.9	22.5	9.2	4.8	29.2	59.7	89.9	19.3
2	10.4	5.4	14.3	19.5	22.9	28.1	8.3	4.8	25.4	44.8	88.0	19.3
3	7.6	6.3	13.4	18.6	19.1	24.4	10.2	5.7	26.4	46.6	88.0	17.4
4	10.4	6.3	13.4	16.7	19.1	28.1	9.2	4.8	20.8	46.6	79.6	17.4
5	8.5	5.4	11.5	16.7	21.9	26.2	10.2	5.7	27.3	47.6	74.9	17.4
6	7.6	5.4	13.4	14.9	18.2	26.2	12.0	4.8	20.8	48.5	70.3	16.5
7	8.5	5.4	13.4	13.9	22.9	26.2	11.1	4.8	22.6	60.6	70.3	15.5
8	7.6	4.5	15.2	16.7	22.9	23.4	11.1	4.8	33.8	49.4	62.8	14.6
9	8.5	6.3	12.4	13.9	28.5	27.2	9.2	5.7	39.4	67.1	60.0	14.6
10	9.4	4.5	13.4	16.7	27.5	25.3	9.2	5.7	36.6	58.7	57.2	13.7
11	7.6	5.4	13.4	15.8	26.6	21.6	8.3	5.7	41.3	65.3	51.7	13.7
12	7.6	5.4	16.2	13.9	30.3	17.9	7.4	4.8	41.3	58.7	46.1	14.6
13	7.6	5.4	16.2	13.9	40.6	19.7	7.4	4.8	35.7	55.0	43.3	13.7
14	9.4	5.4	14.3	13.0	42.4	21.6	8.3	4.8	39.4	64.3	39.5	14.6
15	8.5	5.4	15.2	11.1	46.2	16.9	7.4	5.7	38.5	65.3	34.9	13.7
16	9.4	5.4	13.4	13.9	46.2	18.8	8.3	4.8	45.9	67.1	30.2	12.7
17	9.4	6.3	17.1	16.7	39.6	19.7	8.3	4.8	50.6	82.0	34.9	13.7
18	8.5	6.3	15.2	15.8	38.7	21.6	7.4	5.7	59.9	71.8	32.1	12.7
19	9.4	4.5	19.9	14.9	42.4	17.9	7.4	4.8	55.2	68.1	32.1	12.7
20	8.5	6.3	20.8	15.8	36.8	16.0	7.4	4.8	54.3	79.2	30.2	13.7
21	9.4	5.4	19.9	15.8	37.8	17.9	6.4	4.8	48.7	82.0	32.1	13.7
22	7.6	5.4	20.8	13.0	35.0	16.9	6.4	5.7	53.4	80.2	28.4	12.7
23	8.5	4.5	20.8	14.9	35.0	15.1	5.5	5.7	45.0	72.7	30.2	13.7
24	7.6	6.3	17.1	15.8	34.0	16.0	5.5	4.8	38.5	80.2	33.0	12.7
25	9.4	5.4	19.0	13.9	29.4	15.1	7.4	4.8	40.3	76.4	30.2	12.7
26	7.6	4.5	19.0	15.8	28.5	13.2	6.4	4.8	37.5	86.7	33.0	12.7
27	8.5	5.4	19.0	18.6	35.0	13.2	5.5	4.8	45.0	79.2	34.9	11.8
28	9.4	6.3	14.3	18.6	32.2	11.3	6.4	4.8	38.5	80.2	30.2	12.7
29	9.4		15.2	16.7	33.1	12.3	6.4	4.8	46.9	92.3	29.3	12.7
30	8.5		15.2	17.6	35.0	9.5	5.5	4.8	54.3	86.7	29.3	11.8
31	9.4		14.3		45.2		7.4	4.8		76.4		11.8
mean	8.6	5.5	15.7	15.7	32.1	19.7	7.9	5.1	39.8	67.7	47.6	14.2

Annual mean 23.3
Maximum 92.3

Daily Discharge of the Biwome (estimated)

Year : 1987 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	10.4	4.5	15.2	13.9	47.1	16.9	12.0	4.8	12.4	74.6	61.9	16.5
2	9.4	4.5	16.2	13.9	35.9	21.6	13.0	5.7	13.3	60.6	70.3	15.5
3	9.4	3.6	15.2	14.9	35.0	24.4	13.0	5.7	23.6	73.7	60.0	17.4
4	9.4	4.5	17.1	14.9	36.8	20.6	12.0	4.8	18.0	68.1	61.9	16.5
5	9.4	4.5	17.1	16.7	35.9	17.9	12.0	4.8	18.9	74.6	67.5	17.4
6	9.4	6.3	13.4	15.8	40.6	17.9	11.1	4.8	21.7	74.6	77.7	17.4
7	7.6	6.3	14.3	13.9	40.6	24.4	9.2	4.8	24.5	55.9	60.0	16.5
8	8.5	6.3	14.3	15.8	29.4	18.8	9.2	4.8	20.8	76.4	74.9	17.4
9	9.4	5.4	18.0	16.7	32.2	22.5	7.4	4.8	29.2	60.6	74.0	16.5
10	8.5	7.3	17.1	15.8	31.3	16.9	7.4	4.8	41.3	67.1	68.4	16.5
11	9.4	7.3	16.2	14.9	32.2	17.9	7.4	4.8	38.5	65.3	73.1	14.6
12	8.5	6.3	13.4	13.9	27.5	17.9	8.3	4.8	36.6	75.5	72.2	14.6
13	9.4	5.4	15.2	13.9	32.2	18.8	6.4	4.8	46.9	73.7	52.6	13.7
14	9.4	6.3	13.4	13.9	31.3	20.6	6.4	4.8	40.3	67.1	61.0	13.7
15	7.6	4.5	13.4	13.9	35.0	17.9	6.4	4.8	45.0	63.4	48.9	13.7
16	8.5	6.3	14.3	14.9	37.8	21.6	7.4	4.8	53.4	69.9	53.5	14.6
17	7.6	4.5	18.0	17.6	35.0	21.6	7.4	4.8	50.6	68.1	47.0	13.7
18	8.5	4.5	18.0	17.6	30.3	21.6	6.4	5.7	56.2	80.2	55.4	13.7
19	7.6	3.6	14.3	15.8	32.2	21.6	7.4	4.8	51.5	81.1	43.3	13.7
20	7.6	4.5	15.2	17.6	30.3	21.6	7.4	4.8	48.7	74.6	48.9	13.7
21	9.4	5.4	13.4	15.8	35.0	22.5	6.4	5.7	51.5	68.1	47.0	12.7
22	7.6	4.5	14.3	16.7	33.1	21.6	7.4	4.8	54.3	86.7	40.5	11.8
23	8.5	6.3	17.1	15.8	26.6	16.9	8.3	4.8	42.2	74.6	45.1	11.8
24	7.6	6.3	15.2	13.9	29.4	17.9	6.4	4.8	42.2	69.0	41.4	12.7
25	9.4	5.4	13.4	15.8	37.8	22.5	7.4	4.8	45.9	78.3	45.1	12.7
26	8.5	4.5	17.1	14.9	38.7	24.4	6.4	4.8	54.3	79.2	27.4	11.8
27	9.4	4.5	19.0	18.6	42.4	19.7	7.4	4.8	45.0	82.0	27.4	11.8
28	9.4	3.6	16.2	15.8	34.0	19.7	6.4	4.8	50.6	73.7	38.6	10.9
29	7.6		18.0	18.6	36.8	25.3	6.4	4.8	41.3	68.1	22.8	10.9
30	6.7		18.0	17.6	35.9	19.7	5.5	5.7	46.9	82.0	30.2	10.9
31	6.7		17.1		35.0		6.4	4.8		80.2		10.9
mean	8.6	5.2	15.7	15.7	34.6	20.4	8.1	4.9	38.9	72.5	53.3	14.1

Annual mean 24.3
Maximum 86.7

Year : 1988 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	7.6	4.5	9.7	17.6	18.2	35.6	12.0	4.8	32.0	54.1	63.8	19.3
2	8.5	4.5	10.6	18.6	21.9	30.9	13.9	4.8	32.0	55.9	61.0	18.3
3	10.4	6.3	14.3	14.9	24.7	30.9	12.0	4.8	32.0	55.0	61.0	17.4
4	11.3	6.3	16.2	17.6	23.8	28.1	11.1	5.7	26.4	46.6	66.6	15.5
5	11.3	4.5	15.2	14.9	22.9	24.4	12.0	4.8	40.3	44.8	65.6	16.5
6	9.4	5.4	15.2	15.8	26.6	24.4	10.2	5.7	30.1	43.8	69.4	15.5
7	8.5	4.5	16.2	16.7	24.7	24.4	9.2	4.8	39.4	54.1	74.0	14.6
8	9.4	4.5	12.4	17.6	27.5	25.3	9.2	4.8	35.7	46.6	73.1	14.6
9	7.6	5.4	15.2	14.9	30.3	19.7	8.3	4.8	44.1	50.4	61.0	14.6
10	8.5	5.4	15.2	13.9	27.5	16.9	8.3	4.8	35.7	66.2	67.5	13.7
11	7.6	6.3	16.2	17.6	32.2	19.7	8.3	4.8	36.6	72.7	62.8	13.7
12	8.5	7.3	11.5	15.8	29.4	20.6	7.4	4.8	38.5	66.2	55.4	13.7
13	8.5	5.4	12.4	14.9	28.5	14.1	7.4	4.8	37.5	68.1	50.7	13.7
14	7.6	5.4	13.4	17.6	32.2	15.1	7.4	4.8	43.1	74.6	53.5	14.6
15	7.6	4.5	17.1	17.6	33.1	14.1	7.4	4.8	44.1	65.3	52.6	14.6
16	8.5	5.4	16.2	17.6	31.3	9.5	7.4	4.8	46.9	65.3	56.3	13.7
17	8.5	6.3	17.1	14.9	35.0	14.1	6.4	4.8	40.3	70.9	58.2	13.7
18	9.4	6.3	19.0	14.9	38.7	9.5	6.4	4.8	43.1	56.9	55.4	14.6
19	9.4	4.5	19.0	15.8	40.6	14.1	7.4	4.8	35.7	56.9	53.5	14.6
20	7.6	4.5	17.1	17.6	35.0	11.3	6.4	4.8	52.5	57.8	43.3	13.7
21	8.5	5.4	20.8	17.6	38.7	9.5	5.5	5.7	45.9	73.7	43.3	13.7
22	8.5	4.5	19.9	13.9	40.6	15.1	6.4	5.7	47.8	61.5	41.4	13.7
23	8.5	5.4	19.0	16.7	39.6	15.1	6.4	4.8	54.3	69.9	41.4	12.7
24	7.6	5.4	18.0	16.7	44.3	15.1	6.4	4.8	46.9	82.0	44.2	11.8
25	7.6	4.5	18.0	13.9	41.5	19.7	5.5	4.8	49.7	75.5	30.2	11.8
26	7.6	4.5	15.2	17.6	40.6	17.9	6.4	4.8	46.9	85.8	20.9	12.7
27	6.7	3.6	14.3	15.8	38.7	20.6	5.5	5.7	58.0	88.6	20.9	10.9
28	7.6	3.6	15.2	14.9	39.6	19.7	5.5	5.7	59.0	84.8	20.9	11.8
29	7.6	4.5	15.2	13.9	40.6	19.7	5.5	5.7	52.5	86.7	23.7	11.8
30	6.7		17.1	14.9	34.0	19.7	6.4	5.7	48.7	98.8	20.9	10.9
31	5.7		16.2		33.1		6.4	4.8		110.0		11.8
mean	8.3	5.1	15.7	16.1	32.8	19.2	7.9	5.0	42.5	67.4	50.4	14.0

Annual mean 23.3
Maximum 110.0

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1957 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	308	268	92	286	339	639	483	130	175	831	1210	757
2	343	262	95	316	359	612	466	132	173	780	1166	742
3	364	262	95	360	357	547	456	143	151	715	1128	714
4	382	256	115	385	341	536	432	154	142	686	1116	707
5	379	243	135	392	336	464	402	156	140	716	1109	749
6	382	224	149	395	321	442	396	150	131	787	1105	743
7	371	207	154	389	293	405	390	147	134	869	1128	735
8	387	191	149	369	268	362	381	147	138	901	1073	720
9	419	170	142	359	251	325	375	147	163	931	1068	742
10	437	149	147	353	289	308	358	143	162	961	1040	757
11	386	143	159	359	313	348	336	139	174	981	979	764
12	360	141	175	359	347	388	308	131	221	1077	934	778
13	332	137	196	389	347	389	302	121	291	1137	912	764
14	315	136	220	426	410	387	302	109	328	1245	881	734
15	302	129	239	411	441	509	299	95	336	1280	870	709
16	265	123	238	389	445	563	284	90	344	1266	915	683
17	251	119	231	359	505	555	272	88	321	1284	936	670
18	231	112	216	332	613	558	265	89	291	1384	925	643
19	215	105	192	289	604	591	248	85	295	1428	909	570
20	208	100	187	272	600	609	266	91	374	1509	896	524
21	196	92	176	269	580	614	220	109	393	1394	873	502
22	214	91	186	251	549	612	197	121	422	1380	860	484
23	254	90	183	231	549	611	183	132	411	1330	849	442
24	262	88	176	250	591	600	169	134	414	1244	814	423
25	271	86	199	244	645	585	166	128	432	1191	808	394
26	271	78	240	232	682	552	161	115	464	1230	763	342
27	256	77	254	204	795	545	156	102	519	1253	739	316
28	243	78	241	194	767	551	148	95	589	1220	773	300
29	240		241	200	758	532	139	94	718	1204	766	275
30	232		264	268	754	511	135	97	811	1239	789	247
31	248		287		741		130	111		1263		243
mean	301	148	186	318	490	508	285	120	322	1120	944	586

Annual mean 444
Maximum 1509

Year : 1958 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	234	152	85	159	263	282	105	38	82	290	828	470
2	233	159	85	163	264	314	97	38	70	276	803	462
3	231	162	81	173	311	307	89	38	69	310	750	465
4	230	166	87	170	308	303	85	36	65	390	708	462
5	229	161	81	168	308	308	82	36	79	432	648	468
6	228	154	81	140	338	287	79	35	65	469	577	453
7	223	149	85	136	368	261	77	35	82	446	554	418
8	223	142	91	142	392	237	71	35	74	416	555	388
9	219	137	97	145	403	217	69	35	78	406	558	368
10	217	132	106	164	420	212	67	33	80	382	548	384
11	212	129	116	167	514	205	66	32	74	437	580	394
12	208	127	124	170	568	194	66	31	68	450	578	372
13	204	125	129	173	554	185	65	31	71	501	573	356
14	183	123	128	184	590	187	66	33	63	596	625	345
15	179	119	113	238	559	205	65	31	84	584	633	336
16	175	116	114	265	521	235	66	31	79	583	593	363
17	172	111	122	333	527	251	64	30	84	636	569	392
18	164	109	122	345	491	260	64	30	83	651	523	402
19	161	106	115	326	468	236	62	29	80	703	491	402
20	158	100	113	314	424	211	57	29	79	790	487	404
21	149	88	112	281	374	194	55	31	99	864	481	373
22	144	78	119	258	344	167	55	29	102	942	417	320
23	149	80	123	250	328	153	50	29	100	1024	414	262
24	182	77	130	241	321	152	49	29	132	1006	455	221
25	193	78	135	229	328	143	50	28	159	1007	486	208
26	186	77	147	237	329	133	50	27	276	977	503	173
27	175	75	156	250	472	127	49	27	310	944	521	162
28	167	75	163	250	472	113	47	27	331	931	519	163
29	159		168	255	427	106	42	27	331	887	512	162
30	155		139	252	377	99	35	26	332	891	502	156
31	154		157		307		37	24		849		162
mean	190	118	117	219	409	209	64	31	123	647	566	338

Annual mean 253
Maximum 1024

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1959 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	160	98	93	172	321	299	254	98	138	668	1572	1036
2	164	101	95	172	327	294	239	93	124	681	1582	1021
3	167	116	98	181	365	293	220	88	135	729	1556	964
4	161	129	99	182	444	293	206	79	141	749	1566	955
5	153	135	110	182	582	289	190	69	136	819	1351	929
6	179	137	109	176	614	287	172	64	167	979	1276	899
7	213	124	115	172	610	248	156	62	194	971	1256	840
8	243	125	118	173	615	219	148	72	200	981	1226	789
9	269	124	117	167	624	217	141	76	237	967	1240	769
10	256	116	116	172	593	233	137	64	250	887	1227	741
11	228	102	119	174	581	268	137	60	245	893	1238	735
12	199	98	115	188	574	282	134	60	249	871	1226	699
13	175	95	109	199	549	288	131	60	287	837	1229	694
14	151	96	104	215	539	281	141	59	262	840	1239	680
15	137	130	107	212	500	275	151	59	283	862	1235	681
16	128	147	102	207	474	272	151	59	325	1059	1219	635
17	128	159	105	203	475	259	144	66	352	1075	1205	570
18	128	167	100	194	504	252	134	85	396	1084	1184	468
19	128	169	97	194	504	244	129	115	455	1073	1164	470
20	125	165	111	198	546	245	127	124	481	1071	1156	451
21	110	142	118	198	572	262	127	126	500	1045	1180	446
22	106	124	130	203	567	254	122	133	503	1407	1153	442
23	105	122	136	202	561	293	115	140	532	1441	1155	442
24	117	114	121	198	499	332	115	142	545	1463	1169	427
25	136	102	115	214	546	355	115	147	651	1455	1137	418
26	143	94	114	224	499	338	115	142	685	1455	1150	407
27	140	86	120	240	554	317	111	135	692	1445	1133	388
28	130	75	124	264	396	310	104	131	686	1442	1111	368
29	127		138	277	378	297	104	124	642	1558	1088	372
30	118		140	294	352	277	104	120	672	1539	1067	374
31	101		164		327		100	112		1528		369
mean	156	121	115	201	503	279	144	95	372	1093	1243	628

Annual mean 413
Maximum 1582

Year : 1960 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	339	121	175	290	338	455	359	316	164	731	1682	1097
2	324	115	176	303	335	482	360	325	184	794	1730	1074
3	283	118	174	313	348	500	324	333	169	804	1677	1051
4	250	111	172	319	380	516	304	274	191	810	1644	1029
5	216	157	182	329	384	518	306	266	173	828	1626	992
6	207	132	178	347	393	524	311	260	184	810	1607	992
7	204	148	175	368	382	519	302	237	195	803	1590	961
8	196	256	175	364	401	549	288	244	200	819	1565	948
9	197	258	167	381	402	569	290	168	208	819	1549	919
10	192	264	163	422	412	535	280	173	215	817	1443	947
11	179	261	167	470	433	536	279	173	216	836	1399	920
12	173	248	165	514	426	545	273	164	231	835	1399	848
13	172	224	171	502	424	536	257	157	238	833	1350	775
14	172	205	174	556	413	525	249	147	229	825	1364	694
15	173	229	235	554	406	516	228	142	245	877	1366	617
16	176	218	246	554	401	494	213	138	257	886	1320	568
17	173	214	252	574	406	539	199	140	262	886	1289	555
18	168	196	253	572	414	565	190	133	285	883	1291	581
19	171	163	250	538	434	564	184	142	310	1020	1308	580
20	163	169	266	536	432	556	170	138	306	1052	1285	499
21	151	169	275	539	425	555	164	147	304	1095	1270	510
22	151	167	275	527	421	549	156	138	310	1200	1212	510
23	154	165	274	525	444	535	148	140	319	1483	1204	499
24	150	161	285	419	437	531	142	133	324	1516	1168	555
25	148	162	279	425	428	532	133	124	333	1555	1187	568
26	142	157	276	345	458	550	169	124	319	1575	1159	556
27	138	165	278	333	447	458	170	120	325	1593	1153	545
28	128	167	262	310	469	429	160	112	421	1633	1189	532
29	130	165	278	315	474	411	160	104	488	1681	1139	543
30	131		285	311	485	378	148	116	710	1709	1098	555
31	125		289		495		177	117		1691		489
mean	183	182	225	428	418	516	229	176	277	1087	1375	726

Annual mean 485
Maximum 1730

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1961 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	452	268	219	290	346	473	336	110	151	737	1081	612
2	413	258	199	309	341	498	310	103	172	830	1110	601
3	396	248	207	303	364	521	302	91	176	826	1096	672
4	355	233	221	321	342	513	260	87	194	831	1069	666
5	329	224	212	300	385	522	128	85	180	823	1023	661
6	310	216	219	313	392	520	126	89	180	819	1028	627
7	281	212	211	302	367	513	119	86	181	818	1017	609
8	266	236	186	318	373	534	122	77	209	834	925	562
9	245	340	176	353	350	545	121	73	218	848	716	445
10	243	340	162	385	333	538	123	67	216	831	798	428
11	298	336	152	430	357	563	114	61	231	840	793	424
12	289	354	135	517	377	541	102	66	218	859	824	405
13	278	381	131	509	373	559	102	71	245	871	864	367
14	272	389	129	535	401	580	91	72	247	895	889	358
15	264	397	132	532	443	579	89	72	237	900	886	338
16	254	383	129	529	436	583	84	74	256	876	829	288
17	235	393	124	510	408	563	81	77	259	905	867	234
18	240	372	117	517	427	535	75	76	284	879	813	227
19	273	379	133	509	407	539	71	73	299	897	770	238
20	265	334	238	518	430	334	76	67	320	888	773	255
21	272	314	259	517	443	251	128	62	306	878	738	198
22	270	302	247	520	406	224	128	59	308	889	730	196
23	273	282	233	514	398	221	126	55	320	844	701	218
24	262	248	249	514	407	228	123	53	325	851	719	229
25	272	224	240	513	407	304	124	52	328	818	755	188
26	270	210	237	520	411	370	121	51	324	848	787	183
27	265	204	252	517	444	399	119	53	377	843	763	185
28	270	205	262	514	465	394	119	55	441	827	730	181
29	262		273	525	497	357	119	62	553	839	702	175
30	269		279	527	532	335	111	74	709	871	694	162
31	272		271		540		115	90		879		159
mean	288	296	201	449	406	455	134	72	282	851	850	358

Annual mean 387
Maximum 1110

Year : 1962 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	123	97	93	768	856	1147	329	152	166	548	718	819
2	137	102	92	796	853	1195	320	147	168	546	728	820
3	145	119	91	819	833	1217	307	147	166	581	724	808
4	122	134	85	825	835	1217	324	140	184	629	705	820
5	115	137	88	831	807	1100	315	145	172	655	687	831
6	118	137	82	824	778	956	280	146	180	668	691	833
7	125	124	87	816	747	795	269	139	200	722	677	834
8	124	126	87	818	748	591	265	124	214	760	674	843
9	123	126	89	806	728	541	245	117	241	803	665	849
10	123	110	93	842	770	531	242	110	244	830	653	831
11	122	101	106	902	746	559	240	112	271	875	666	799
12	120	99	112	892	772	537	237	114	294	884	666	771
13	119	92	152	914	866	544	228	120	310	931	657	742
14	112	113	254	933	925	568	233	120	316	963	651	694
15	115	136	273	926	951	574	230	119	321	973	648	623
16	121	115	284	929	980	574	218	115	337	957	606	564
17	123	112	276	968	1002	559	216	116	341	965	624	518
18	125	108	292	973	1009	524	221	110	367	933	652	487
19	124	116	303	997	1022	528	228	116	376	931	691	453
20	121	121	341	1012	1001	332	207	115	386	945	735	429
21	122	118	369	1006	985	247	192	117	415	941	748	404
22	122	99	394	1020	987	222	170	108	435	918	761	383
23	122	98	402	989	1000	212	143	114	443	918	768	364
24	127	95	405	964	1008	223	157	116	456	869	750	343
25	121	92	429	912	994	298	174	117	485	822	754	325
26	118	89	450	901	978	357	177	112	504	799	775	308
27	121	85	545	899	1002	391	184	118	523	784	779	304
28	122	85	562	867	1026	388	177	121	514	770	816	292
29	127		573	864	1035	353	174	121	545	759	849	272
30	122		699	852	1028	327	172	120	541	772	898	257
31	127		769		1052		162	120		755		243
mean	123	110	286	895	914	587	227	123	337	813	714	576

Annual mean 475
Maximum 1217

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1963 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	226	234	142	225	546	481	339	244	378	833	975	577
2	218	225	196	241	571	439	378	226	377	904	951	536
3	213	215	294	235	563	419	416	208	364	930	918	494
4	205	205	356	223	571	373	440	197	386	986	875	471
5	198	195	379	218	580	338	455	186	397	984	829	450
6	190	183	416	237	584	329	499	176	442	1007	757	437
7	201	179	432	260	597	352	510	168	454	1047	698	429
8	227	173	429	267	617	340	520	161	440	1030	635	416
9	255	179	429	296	609	326	528	159	442	1064	603	388
10	287	182	403	287	633	318	527	159	433	1106	637	367
11	270	187	385	288	596	306	510	160	436	1102	673	349
12	247	177	359	307	535	299	514	159	413	1058	687	343
13	235	165	320	316	517	324	520	156	410	1029	753	330
14	230	180	287	322	510	328	510	150	458	950	724	321
15	223	166	255	335	513	327	474	147	536	941	675	311
16	208	158	247	349	522	338	435	145	537	936	688	313
17	193	157	236	367	532	343	419	141	535	978	654	319
18	180	163	263	370	549	371	388	138	549	1030	654	316
19	177	166	271	384	584	410	374	138	544	1099	745	324
20	175	162	251	419	594	432	349	132	511	1135	815	330
21	172	162	253	437	592	418	326	127	504	1093	790	326
22	168	169	248	407	584	400	313	124	491	1125	755	322
23	173	169	245	408	595	386	309	124	527	1116	767	318
24	180	161	235	417	591	368	321	135	585	1086	794	322
25	198	142	238	412	565	364	324	182	619	1046	776	334
26	201	126	233	406	556	362	307	216	637	1039	755	355
27	204	121	221	422	547	352	288	208	680	1042	738	348
28	204	120	213	511	540	361	278	197	705	1078	716	332
29	234		232	525	540	363	276	220	716	1067	660	324
30	238		226	525	535	349	274	305	725	1067	612	307
31	245		222		527		262	346		990		285
mean	212	172	288	347	564	364	400	178	508	1029	744	368

Annual mean 431
Maximum 1135

Year : 1964 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	277	129	156	309	690	687	362	150	100	484	1464	679
2	271	128	162	319	653	656	371	141	103	498	1441	658
3	265	128	179	333	620	641	367	130	114	537	1442	647
4	258	128	184	315	593	583	351	125	114	560	1521	647
5	253	129	182	347	554	532	332	120	114	616	1589	649
6	265	138	152	383	487	494	306	115	107	680	1609	632
7	239	137	150	399	469	477	282	113	113	737	1613	615
8	228	136	161	438	469	480	259	107	131	837	1649	576
9	224	135	176	456	499	474	237	94	151	877	1675	532
10	216	134	179	468	462	474	218	86	163	877	1668	536
11	210	140	206	479	470	463	201	83	198	842	1635	555
12	208	151	221	478	457	450	189	83	239	804	1566	559
13	199	154	203	460	469	442	184	81	252	774	1507	550
14	190	146	208	469	480	434	174	80	243	762	1449	533
15	184	130	205	456	553	421	168	77	261	780	1391	515
16	179	128	193	471	622	424	170	75	240	793	1301	506
17	175	122	180	488	696	414	187	72	253	781	1168	481
18	173	127	170	499	745	409	199	69	277	777	1075	463
19	172	127	157	517	752	403	192	72	316	771	1015	452
20	168	144	189	572	755	417	180	73	331	793	954	482
21	161	128	206	631	719	397	166	71	332	810	925	507
22	155	122	227	686	683	382	157	70	340	819	905	513
23	153	127	243	723	645	382	155	69	328	874	913	484
24	156	130	242	753	634	377	153	67	332	928	928	445
25	169	130	236	730	626	348	165	67	318	957	923	421
26	184	124	229	678	610	336	184	67	375	1031	875	404
27	182	124	230	671	581	372	210	67	396	1222	799	388
28	177	125	254	705	578	391	216	69	423	1396	772	369
29	165	134	290	689	643	381	211	69	474	1572	722	353
30	153		302	676	658	369	184	75	492	1617	717	361
31	144		308		691		165	78		1597		369
mean	199	132	206	520	599	450	222	88	254	884	1240	512

Annual mean 442
Maximum 1675

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1965 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	388	173	361	580	554	667	400	152	172	945	1423	693
2	408	180	371	641	646	680	419	153	166	942	1404	641
3	428	182	362	633	721	693	394	155	153	971	1394	616
4	414	206	358	613	744	697	389	152	150	970	1356	601
5	403	222	351	605	749	720	362	157	152	1047	1323	589
6	396	230	335	614	767	702	346	159	187	1087	1239	565
7	406	226	321	639	752	709	344	155	214	1118	1165	539
8	412	220	315	656	730	696	368	151	200	1165	1162	526
9	386	224	284	618	660	707	344	151	188	1188	1130	514
10	345	207	258	575	628	672	324	151	193	1262	1109	504
11	326	189	267	532	590	644	314	176	227	1330	1082	458
12	296	177	271	518	573	609	303	195	261	1368	1088	420
13	266	173	276	510	541	571	287	203	343	1334	1084	390
14	255	184	274	503	499	528	278	203	422	1248	1075	363
15	242	181	285	498	480	532	262	211	498	1163	1067	347
16	230	186	305	477	472	497	242	210	552	1105	1042	346
17	212	192	314	443	476	466	220	245	633	1108	1077	330
18	207	195	295	433	453	451	213	276	650	1101	988	313
19	196	204	317	428	445	444	207	290	626	1071	944	303
20	196	224	351	418	466	429	207	272	617	1056	905	299
21	186	245	389	443	500	416	202	242	675	1000	894	289
22	180	252	438	437	515	403	192	223	693	1034	877	285
23	183	263	485	446	556	393	199	210	711	990	856	276
24	184	282	534	465	597	399	193	192	706	982	818	269
25	180	300	576	470	625	385	189	171	734	1066	787	263
26	180	317	599	477	620	363	177	155	773	1181	809	274
27	179	333	560	502	590	355	173	150	780	1405	822	285
28	172	344	519	494	580	345	168	148	803	1449	810	278
29	167		504	491	599	331	162	147	830	1498	774	263
30	161		507	487	632	365	156	156	872	1497	742	261
31	160		526		660		154	148		1426		244
mean	269	225	384	521	594	529	264	186	473	1165	1041	398

Annual mean 504
Maximum 1498

Year : 1966 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	226	212	195	204	1174	729	1336	457	290	668	1074	965
2	218	207	178	225	1222	707	1336	432	271	676	1103	937
3	210	204	155	256	1283	693	1296	393	254	679	1142	922
4	193	193	158	283	1269	673	1236	368	228	711	1232	901
5	177	173	141	288	1291	670	1172	350	226	764	1276	872
6	172	162	151	315	1297	664	1102	329	212	803	1410	811
7	168	149	153	355	1258	651	1055	315	273	847	1438	792
8	168	137	145	391	1217	652	973	294	406	845	1483	778
9	163	129	142	398	1180	674	943	295	482	877	1359	749
10	159	124	160	407	1174	686	895	295	515	853	1354	729
11	157	124	159	420	1134	703	800	286	556	810	1352	675
12	155	122	186	448	1134	740	730	275	541	819	1318	643
13	158	152	190	477	1116	743	710	270	551	848	1279	611
14	150	174	180	470	1102	767	697	267	536	906	1333	611
15	154	217	180	467	1085	819	690	260	525	1042	1362	605
16	157	234	178	499	1077	842	639	258	504	1055	1398	587
17	155	210	187	572	1061	855	663	255	495	1053	1383	524
18	148	183	195	595	1060	886	652	266	535	1049	1315	497
19	167	173	203	621	1042	977	650	274	539	1061	1236	468
20	175	159	219	642	1054	1003	657	294	588	1061	1391	448
21	189	147	227	646	1069	1063	663	306	632	1029	1387	427
22	202	135	232	641	1052	1143	663	336	641	1017	1347	418
23	204	149	246	670	1035	1207	650	350	633	981	1299	402
24	213	162	260	666	1018	1327	626	398	599	994	1286	374
25	208	167	273	675	999	1320	620	401	575	1077	1243	360
26	198	170	224	708	975	1377	569	374	603	1008	1212	339
27	205	173	201	798	967	1396	553	341	615	938	1155	326
28	217	182	190	789	937	1396	529	302	661	939	1108	304
29	225		188	900	888	1377	513	283	616	993	1060	284
30	227		174	977	829	1389	478	278	639	1049	1053	271
31	224		188		782		472	274		1163		271
mean	185	169	189	527	1090	938	792	319	491	923	1280	577

Annual mean 623
Maximum 1483

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1967 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	263	163	151	127	344	771	596	137	141	1006	1835	717
2	257	156	134	167	371	746	575	137	134	1033	1844	740
3	248	144	127	189	387	677	530	133	155	1004	1810	747
4	241	142	129	181	387	622	487	131	157	946	1764	727
5	228	168	127	154	410	575	458	139	148	1039	1746	753
6	222	181	115	130	424	571	428	135	174	1095	1739	765
7	213	174	114	128	438	565	389	131	184	1150	1736	786
8	207	169	114	137	587	538	350	124	190	1124	1656	818
9	206	161	118	153	604	583	310	121	204	1055	1627	785
10	195	151	123	178	632	578	283	118	213	1021	1591	727
11	186	125	127	193	622	606	268	113	236	1039	1563	659
12	183	124	141	209	582	625	255	110	273	1108	1512	597
13	179	120	166	226	538	647	235	106	323	1182	1472	546
14	183	179	159	236	512	694	220	99	370	1208	1438	524
15	205	179	145	226	506	723	208	96	386	1258	1391	506
16	195	176	137	219	517	739	201	91	399	1257	1351	463
17	212	169	181	198	531	727	189	84	437	1295	1285	430
18	228	176	178	185	545	737	184	95	465	1337	1223	420
19	240	181	192	177	581	747	202	107	491	1389	1140	414
20	245	170	188	167	599	738	215	115	521	1445	1105	423
21	227	176	188	159	632	749	226	109	548	1537	1074	405
22	216	166	157	164	650	779	236	105	554	1607	1016	395
23	210	177	179	162	682	801	220	98	642	1660	941	376
24	204	187	179	152	699	824	207	94	729	1725	877	368
25	195	180	166	168	725	787	190	89	798	1774	824	354
26	190	186	133	184	757	764	183	85	883	1804	784	349
27	202	169	125	202	772	705	177	91	943	1824	726	343
28	207	142	129	215	801	653	165	95	977	1892	690	331
29	199		130	232	823	626	151	96	1018	1920	667	326
30	193		127	290	852	616	144	100	1027	1950	661	321
31	177		121		837		134	96		1929		306
mean	211	164	145	184	592	684	278	109	457	1375	1304	530

Annual mean 503
Maximum 1950

Year : 1968 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	297	156	271	339	705	672	386	148	108	864	627	950
2	279	150	288	382	686	654	367	140	118	872	672	922
3	268	149	279	393	652	668	342	130	108	935	740	896
4	252	141	263	400	640	695	316	125	128	1003	746	875
5	247	135	254	392	662	725	292	125	139	1021	807	849
6	243	140	247	404	698	746	276	121	158	975	833	848
7	242	146	263	418	716	771	256	119	183	919	856	852
8	232	149	285	441	732	800	245	114	191	908	925	820
9	223	162	309	448	759	825	247	111	214	943	963	797
10	218	189	313	458	764	850	242	109	215	918	999	775
11	213	205	324	441	811	886	228	108	232	927	1009	776
12	210	207	296	427	874	902	218	111	271	1002	1013	766
13	205	201	270	411	919	892	215	109	312	1007	1056	732
14	198	181	233	388	947	844	208	104	372	964	1139	707
15	187	170	231	377	969	799	207	100	348	940	1204	684
16	180	185	279	363	990	771	198	100	368	937	1194	639
17	177	229	319	347	1000	698	184	95	366	935	1157	617
18	173	261	343	339	1030	657	176	96	332	872	1154	606
19	165	278	356	323	1059	628	172	95	355	847	1139	597
20	158	263	329	313	999	577	162	90	398	821	1131	555
21	149	217	308	305	942	583	156	93	417	805	1051	514
22	156	200	306	310	870	573	164	93	477	763	1070	472
23	167	184	326	300	808	545	173	94	536	688	1051	440
24	163	172	359	285	766	525	183	91	574	648	1012	404
25	156	165	342	279	748	500	176	91	574	643	985	370
26	151	162	324	269	712	472	164	88	589	632	987	365
27	153	203	323	248	660	446	158	85	615	619	1017	355
28	156	239	312	234	628	435	153	83	713	623	1100	343
29	161	254	308	224	599	425	151	82	807	623	1096	326
30	164		303	219	707	400	148	80	866	620	1059	319
31	167		296		693		148	79		669		301
mean	197	189	299	349	798	665	216	103	369	837	993	628

Annual mean 470
Maximum 1204

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1969 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	281	429	246	990	734	708	209	183	267	781	1159	664
2	273	422	244	939	723	717	213	189	268	780	1136	658
3	273	398	226	905	697	708	230	197	251	769	1176	635
4	253	399	219	848	670	695	259	208	260	797	1221	603
5	243	389	252	833	667	665	282	206	288	804	1340	573
6	239	347	281	788	626	643	280	192	309	810	1422	550
7	217	297	286	768	567	625	269	186	327	838	1410	518
8	209	258	286	708	527	649	268	172	349	836	1379	481
9	210	227	270	698	472	623	271	171	360	837	1337	459
10	218	207	249	625	430	570	273	163	358	830	1293	435
11	233	198	245	585	397	577	282	159	356	802	1273	412
12	237	186	277	527	360	588	279	159	371	823	1242	389
13	237	171	341	511	320	562	283	152	373	854	1200	374
14	237	162	395	493	329	512	298	150	357	909	1181	371
15	238	153	425	481	370	468	296	147	364	932	1146	366
16	215	152	496	465	422	411	282	142	354	935	1144	360
17	204	147	560	491	473	358	265	138	348	946	1162	357
18	204	143	626	538	526	323	238	144	363	937	1109	348
19	193	146	685	571	561	297	218	148	391	953	1088	362
20	189	158	686	563	566	285	208	160	433	966	1066	353
21	179	169	668	539	597	265	196	173	492	1007	1011	346
22	176	174	677	485	610	245	183	189	535	1047	964	344
23	175	181	698	442	652	233	177	203	581	1116	936	333
24	168	187	723	446	653	227	178	226	613	1204	921	297
25	165	180	756	465	660	228	176	249	666	1197	909	282
26	173	198	803	480	682	224	176	266	696	1141	860	278
27	182	217	832	507	642	236	178	266	746	1115	821	270
28	212	241	869	566	613	240	179	262	769	1126	789	269
29	258		907	611	642	229	184	253	798	1135	750	263
30	342		963	666	690	216	184	238	792	1168	697	254
31	414		1002		712		184	229		1221		245
mean	227	233	522	618	567	444	232	191	448	955	1105	402

Annual mean 495
Maximum 1422

Year : 1970 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	230	142	180	308	507	592	361	151	128	695	1517	820
2	222	148	167	306	450	578	580	147	113	688	1630	751
3	213	148	158	308	411	571	642	145	153	702	1724	682
4	207	146	143	291	384	559	579	140	234	761	1864	616
5	201	152	129	285	363	559	502	145	318	799	2003	570
6	199	157	120	271	341	542	455	156	290	807	2094	525
7	193	158	137	259	412	516	431	175	305	889	2187	504
8	193	149	196	256	449	481	410	211	308	971	2185	466
9	190	141	264	250	468	477	363	238	343	1040	2214	434
10	184	131	333	246	515	471	354	228	398	1033	2181	409
11	184	125	358	223	506	596	331	231	430	998	2121	385
12	176	119	359	214	498	600	320	219	424	985	2110	363
13	172	109	373	198	471	606	304	203	414	996	2059	343
14	167	106	390	211	443	670	278	223	402	962	1935	326
15	161	96	356	251	407	742	267	247	405	959	1832	319
16	155	90	334	280	380	754	252	276	403	957	1730	319
17	153	85	329	288	357	753	242	246	396	1026	1653	316
18	149	80	338	270	350	739	228	226	406	1080	1537	303
19	143	79	332	260	346	729	205	235	399	1090	1442	285
20	140	87	329	289	310	699	193	253	445	1153	1378	281
21	142	90	324	380	267	667	184	240	449	1216	1289	281
22	163	122	345	460	253	640	180	230	502	1316	1240	268
23	159	152	350	493	241	605	174	216	563	1428	1098	275
24	155	161	357	551	237	558	164	204	560	1421	1025	291
25	154	154	365	571	270	534	157	192	573	1457	1013	309
26	149	149	363	546	385	496	153	171	592	1490	1015	326
27	147	156	373	525	423	470	150	155	613	1463	1005	328
28	139	176	357	498	479	443	146	136	661	1439	1004	343
29	150		341	477	499	403	139	125	681	1495	984	354
30	153		345	453	546	375	132	118	694	1515	911	358
31	153		336		601		128	112		1452		373
mean	171	129	296	340	405	581	290	193	420	1106	1599	404

Annual mean 495
Maximum 2214

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1971 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	341	110	189	274	490	288	193	93	112	589	1341	504
2	313	96	212	253	440	274	187	101	105	632	1276	635
3	322	95	212	227	390	251	185	110	99	621	1264	625
4	292	96	194	215	334	226	184	119	108	637	1231	594
5	274	96	175	228	291	218	169	126	109	624	1181	573
6	250	97	152	246	286	201	160	133	141	621	1152	563
7	223	97	146	271	272	207	159	136	155	624	1107	536
8	213	91	158	274	285	197	154	145	174	610	1095	507
9	210	85	152	302	315	191	145	163	252	589	1057	480
10	207	80	151	339	330	187	138	169	407	657	1038	468
11	209	80	148	356	328	183	133	171	446	675	1023	452
12	216	84	138	347	350	212	131	160	447	743	1007	428
13	223	83	138	343	329	235	141	153	435	778	983	407
14	219	93	139	350	319	284	134	150	409	762	961	382
15	230	132	167	337	303	327	134	147	420	792	913	369
16	224	139	183	338	284	337	137	145	462	891	888	354
17	225	136	180	324	269	372	141	141	460	999	847	336
18	226	120	176	291	253	374	159	133	455	1078	812	323
19	223	99	189	259	252	352	198	122	459	1113	796	303
20	215	96	187	248	232	322	244	116	493	1150	765	289
21	210	93	179	257	244	274	255	114	511	1142	735	262
22	199	86	170	274	236	250	250	106	499	1141	688	244
23	190	89	174	324	284	219	213	98	499	1155	648	223
24	179	86	175	357	315	214	184	93	500	1204	625	214
25	165	89	195	386	329	219	169	93	510	1195	575	205
26	161	94	183	438	344	222	144	91	543	1248	511	192
27	155	97	205	479	344	230	125	94	529	1287	493	177
28	149	95	217	526	347	236	113	97	526	1286	491	165
29	139		245	494	343	234	110	98	539	1279	513	151
30	133		257	458	327	227	100	96	520	1301	476	136
31	120		283		316		94	91		1303		138
mean	215	98	183	327	316	252	161	123	377	927	883	362

Annual mean 352
Maximum 1341

Year : 1972 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	148	126	89	390	540	334	203	147	88	545	1209	576
2	143	125	98	372	510	341	190	142	174	559	1229	535
3	141	124	97	348	475	380	177	146	243	549	1185	523
4	135	120	107	343	448	411	165	147	284	515	1169	510
5	132	115	119	307	442	427	160	145	304	567	1258	471
6	128	112	128	274	445	433	172	140	334	579	1245	459
7	130	107	126	290	427	420	152	138	332	600	1253	449
8	129	101	131	327	407	409	144	131	354	634	1233	440
9	124	97	140	452	406	401	128	126	378	665	1215	434
10	127	99	119	446	425	362	124	122	454	752	1223	411
11	124	96	116	447	431	364	119	118	571	789	1185	384
12	127	94	113	455	453	367	113	114	582	789	1138	377
13	127	92	114	447	441	358	104	112	558	815	1081	360
14	124	92	121	442	430	345	112	108	477	858	983	340
15	123	97	123	415	402	352	107	104	433	842	922	303
16	124	94	121	410	388	359	101	102	433	880	895	293
17	127	86	129	397	347	375	111	97	395	989	860	272
18	124	79	133	383	342	405	116	93	405	1033	814	250
19	124	77	133	398	332	417	122	91	404	1055	885	236
20	124	72	146	411	317	392	126	87	392	1083	892	224
21	118	70	182	447	300	371	127	82	424	1107	836	218
22	116	68	180	471	295	350	129	79	488	1120	835	215
23	105	68	240	478	299	327	128	77	515	1178	849	212
24	106	66	305	510	296	301	133	77	532	1195	863	210
25	107	66	328	491	303	283	128	82	566	1200	791	218
26	108	70	335	480	318	274	133	93	553	1226	766	215
27	108	76	318	478	323	259	141	97	549	1229	723	218
28	106	77	330	497	318	249	146	97	548	1254	672	221
29	120	77	353	494	333	234	166	93	533	1220	654	223
30	128		354	505	322	221	160	91	515	1210	631	224
31	130		375		370		152	87		1173		219
mean	124	91	184	420	383	351	138	108	427	910	983	330

Annual mean 371
Maximum 1258

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1973 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	241	121	197	291	437	554	471	208	407	394	920	370
2	238	121	228	296	454	541	439	212	316	403	924	361
3	230	119	257	295	447	543	411	209	312	415	934	336
4	210	132	238	302	451	551	420	200	279	433	973	323
5	196	146	230	298	451	543	424	192	246	444	1012	331
6	175	156	222	306	461	558	430	197	239	471	1012	333
7	168	157	199	326	457	566	429	175	221	514	1041	342
8	156	159	183	331	447	552	424	165	256	569	1032	336
9	152	158	167	337	439	550	396	159	268	620	1004	332
10	150	153	163	341	424	560	309	153	262	659	931	349
11	154	150	160	344	391	558	262	141	263	679	837	336
12	167	154	160	331	444	561	235	139	280	708	776	325
13	180	157	155	323	453	580	242	139	299	688	683	320
14	243	156	156	313	454	588	229	134	304	695	622	307
15	316	152	152	303	432	625	205	115	328	661	586	328
16	377	152	172	304	445	623	190	105	380	654	580	352
17	366	143	197	343	445	628	193	120	423	630	540	376
18	338	136	223	372	441	673	187	116	420	649	504	402
19	305	136	227	377	455	683	170	122	432	738	480	393
20	253	141	232	350	448	677	156	126	451	810	502	349
21	238	135	229	336	449	719	153	133	442	883	495	308
22	217	135	220	340	458	731	144	141	406	932	502	255
23	192	136	220	341	456	708	140	159	425	948	517	248
24	183	139	225	359	474	671	148	175	424	983	548	229
25	182	143	244	356	520	669	143	205	435	1079	542	217
26	167	148	261	362	591	652	170	251	441	1049	537	191
27	164	158	268	370	620	646	169	260	376	1013	483	192
28	160	151	285	384	619	621	186	266	376	995	447	186
29	154		287	386	611	606	186	287	345	980	443	178
30	136		290	404	600	523	190	310	388	922	410	171
31	126		292		620		199	342		903		167
mean	211	144	217	337	480	609	260	182	348	726	694	298

Annual mean 376
Maximum 1079

Year : 1974 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	164	205	232	306	437	724	405	147	181	639	1128	622
2	164	188	223	311	429	677	374	159	174	676	1194	581
3	164	153	208	299	429	631	345	179	177	684	1196	575
4	167	148	202	313	434	585	322	198	188	657	1181	559
5	168	144	194	317	428	519	299	218	204	665	1159	549
6	164	142	172	326	413	474	278	264	205	662	1139	544
7	163	133	176	336	440	517	262	296	202	728	1173	544
8	160	136	168	316	495	485	238	323	191	745	1170	563
9	153	135	164	309	820	508	221	318	211	769	1181	589
10	149	136	162	308	1054	516	207	302	198	808	1182	604
11	144	129	168	317	1118	549	196	284	235	846	1156	581
12	142	136	180	327	1157	550	191	262	271	881	1148	566
13	142	136	202	339	1141	552	189	240	309	899	1081	553
14	136	152	228	342	1093	517	186	209	354	933	1005	491
15	139	159	250	339	1073	512	179	194	393	965	1013	448
16	135	156	278	339	1045	514	152	182	414	968	992	403
17	132	152	345	326	1040	527	139	172	439	919	1004	384
18	130	149	304	338	993	538	136	162	452	900	999	379
19	129	143	298	335	966	592	134	152	451	876	936	349
20	132	142	274	352	912	631	139	148	495	860	968	337
21	140	136	293	369	845	637	141	144	497	861	947	311
22	143	137	273	398	785	687	141	141	533	913	937	295
23	143	135	284	439	802	680	135	138	577	898	906	280
24	145	142	272	429	699	660	138	138	556	860	873	267
25	142	180	266	410	636	611	140	151	551	869	840	257
26	142	191	225	411	598	596	147	160	598	886	785	242
27	140	205	206	428	605	583	148	152	647	885	772	238
28	136	216	194	416	588	555	146	150	676	875	750	231
29	144		213	429	605	505	137	142	642	854	719	228
30	196		244	439	629	446	134	138	628	947	665	220
31	217		267		672		133	136		1090		213
mean	150	154	231	355	754	569	198	194	388	839	1007	419

Annual mean 438
Maximum 1196

Combined Dally Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1975 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	202	165	241	231	456	281	216	166	186	478	820	1069
2	196	159	233	230	459	261	199	164	184	508	812	1034
3	189	169	233	248	445	245	189	157	186	529	889	1008
4	183	186	187	231	437	246	180	153	170	516	903	987
5	176	223	148	231	430	246	176	150	174	535	909	952
6	169	298	166	255	428	243	191	155	168	510	917	931
7	164	317	172	290	409	235	208	150	171	542	964	880
8	160	292	172	343	387	222	239	142	175	552	999	851
9	158	280	182	386	371	216	239	134	163	525	1028	787
10	151	241	186	431	376	235	229	121	154	526	1051	771
11	151	218	196	477	421	293	224	113	142	538	1099	737
12	148	213	198	520	460	329	223	108	143	609	1191	704
13	142	206	203	563	475	359	219	107	154	632	1247	664
14	142	189	204	593	486	353	228	103	135	670	1344	609
15	138	174	212	616	462	353	258	100	139	679	1397	578
16	135	163	219	616	447	347	278	98	142	719	1410	550
17	135	162	224	584	428	327	259	95	126	768	1410	529
18	134	161	231	549	424	324	248	93	133	858	1410	492
19	133	161	239	525	433	311	260	91	135	834	1362	440
20	128	158	258	515	439	290	286	91	147	888	1370	407
21	128	163	258	517	456	287	309	90	171	950	1349	380
22	123	166	249	507	442	279	329	88	183	1034	1322	355
23	134	172	240	486	432	282	328	87	186	1051	1347	339
24	141	183	234	462	442	286	313	85	207	1062	1330	330
25	143	218	230	450	414	292	282	83	220	1038	1270	336
26	147	237	223	433	388	284	249	78	244	1028	1230	368
27	145	251	230	416	364	278	228	75	287	1012	1250	391
28	150	259	237	396	341	258	207	72	315	993	1229	394
29	156		258	411	324	253	186	71	380	934	1194	378
30	159		232	420	296	253	173	70	462	929	1146	355
31	161		229		284		166	67		914		338
mean	152	207	217	431	415	282	236	108	193	754	1173	611

Annual mean 398
Maximum 1410

Year : 1976 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	324	146	233	335	438	591	814	152	244	583	1076	973
2	319	143	236	379	481	558	738	146	227	620	1088	947
3	312	146	241	386	493	572	690	142	246	636	1134	926
4	301	153	248	427	469	531	649	142	237	700	1123	884
5	283	161	236	428	448	509	600	138	226	737	1118	816
6	269	183	223	443	412	489	538	135	204	747	1118	770
7	250	203	208	448	387	472	488	133	203	791	1104	743
8	235	230	212	462	316	449	441	128	176	825	1085	634
9	221	253	222	487	335	417	403	130	185	869	1074	538
10	212	259	229	514	308	393	353	125	173	902	1052	454
11	208	269	259	479	310	393	316	122	163	970	1019	438
12	199	259	268	441	327	412	294	123	176	996	1045	419
13	189	243	263	399	353	433	280	118	163	1035	1039	404
14	176	222	269	355	281	427	257	113	168	1088	1003	390
15	164	212	276	329	370	506	237	108	158	1081	997	383
16	179	190	286	319	371	618	223	114	178	1116	1013	375
17	187	172	275	356	363	678	213	117	165	1114	1021	376
18	195	159	262	335	353	833	209	118	169	1143	1069	373
19	201	149	258	347	376	867	205	123	182	1157	1129	379
20	204	156	235	364	403	861	202	129	203	1155	1152	388
21	199	159	224	379	448	848	202	133	236	1181	1163	384
22	189	166	235	403	481	824	202	136	260	1155	1198	379
23	173	173	265	427	524	786	199	140	275	1157	1133	376
24	167	166	296	434	549	747	201	144	269	1138	1161	363
25	163	185	312	446	595	723	196	151	297	1119	1190	362
26	158	200	299	428	635	762	187	160	337	1111	1184	361
27	158	219	312	413	613	865	184	163	411	1091	1121	361
28	151	224	300	404	590	934	177	167	484	1083	1126	357
29	156	212	312	413	566	949	170	183	512	1077	1078	350
30	155		319	407	557	885	166	201	548	1127	1055	343
31	150		323		568		162	188		1133		338
mean	208	193	262	406	443	644	329	139	249	988	1095	503

Annual mean 455
Maximum 1198

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1977 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	322	153	228	296	424	252	157	333	129	552	1170	802
2	317	167	240	325	384	238	151	323	152	603	1182	804
3	314	177	240	374	359	234	145	308	164	655	1200	789
4	303	180	245	398	332	232	139	293	179	721	1227	779
5	281	195	257	425	309	227	133	278	194	761	1238	786
6	264	220	256	448	297	239	128	255	205	789	1246	779
7	251	234	249	455	302	247	122	245	215	814	1298	772
8	238	251	243	457	273	241	127	231	222	839	1336	754
9	224	260	233	475	274	240	136	218	235	891	1334	742
10	212	270	231	473	247	232	141	200	215	895	1333	727
11	196	256	241	446	222	225	147	182	212	975	1344	704
12	187	237	252	421	209	216	156	164	199	1018	1318	692
13	176	213	263	423	223	209	161	144	189	1078	1297	664
14	172	198	271	415	260	202	160	124	192	1092	1248	639
15	164	184	279	387	290	196	160	130	178	1128	1256	620
16	173	163	295	354	320	206	155	144	182	1135	1214	611
17	184	146	292	332	334	197	156	159	184	1119	1198	602
18	196	136	266	330	303	193	152	179	202	1146	1175	581
19	204	135	251	353	285	191	156	191	218	1129	1157	559
20	201	133	241	380	287	198	151	176	246	1160	1107	549
21	204	130	238	400	276	185	156	161	279	1164	1081	533
22	198	139	233	425	270	177	166	148	287	1125	1071	522
23	186	149	225	446	281	164	184	135	307	1123	1050	508
24	175	174	233	442	297	159	197	122	314	1090	984	491
25	165	195	220	422	305	154	218	115	321	1130	939	480
26	157	212	203	400	281	149	229	103	365	1155	907	472
27	154	210	203	388	283	136	245	96	366	1162	862	464
28	158	217	205	390	284	135	275	92	394	1150	844	453
29	163		232	406	274	156	288	87	419	1146	834	430
30	161		252	409	256	166	306	83	466	1168	821	401
31	150		286		262		340	86		1177		384
mean	208	190	245	403	290	200	179	177	248	1003	1142	616

Annual mean 408
Maximum 1344

Year : 1978 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	367	92	90	196	767	710	576	117	153	608	778	370
2	349	91	86	213	743	682	557	112	162	668	745	365
3	323	87	91	240	688	644	548	108	178	704	810	361
4	317	81	98	232	642	613	545	104	183	764	837	356
5	302	77	102	230	684	610	528	102	165	821	818	371
6	286	75	116	216	744	607	490	106	180	850	812	377
7	269	75	128	201	812	599	455	110	194	812	825	390
8	253	74	141	182	834	593	418	112	212	761	837	386
9	234	71	147	191	859	583	377	112	231	688	880	384
10	213	71	151	221	909	598	353	110	263	654	900	390
11	202	70	160	260	910	636	324	108	269	629	883	377
12	187	68	167	297	895	663	294	108	286	641	887	361
13	175	70	170	339	966	686	275	108	272	696	874	348
14	151	72	172	381	1036	697	257	107	260	697	856	340
15	136	72	172	396	1117	740	243	104	290	712	820	328
16	128	74	175	397	1136	808	228	104	291	766	807	297
17	127	74	178	395	1097	796	218	107	302	769	798	276
18	116	72	172	393	1034	745	206	111	331	776	719	260
19	112	69	176	395	977	685	195	109	338	805	656	244
20	110	68	198	403	971	631	189	106	349	809	634	236
21	113	67	215	433	913	582	186	105	385	795	604	231
22	109	67	242	471	892	551	181	104	425	778	591	222
23	108	70	270	507	891	520	172	102	472	753	580	212
24	109	72	301	539	918	504	165	101	528	750	543	204
25	107	74	299	572	876	476	158	100	563	768	519	195
26	104	74	265	632	847	447	148	100	584	769	473	185
27	104	76	244	695	817	421	139	94	589	806	452	177
28	102	77	226	761	792	450	134	92	580	830	427	169
29	99		221	773	791	508	128	98	604	840	393	158
30	97		194	763	765	560	121	109	594	826	391	166
31	97		187		744		114	112		868		169
mean	177	74	179	398	873	611	288	106	341	755	705	287

Annual mean 400
Maximum 1136

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1979 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	158	170	145	364	612	535	440	241	178	464	1362	591
2	150	163	195	396	662	500	439	229	189	486	1350	578
3	153	161	240	374	628	469	418	216	190	470	1291	567
4	153	152	285	372	644	426	378	205	164	455	1253	546
5	150	143	335	375	662	410	366	198	162	446	1199	519
6	145	135	357	368	697	430	326	195	153	427	1157	495
7	136	125	372	367	731	467	290	186	134	433	1078	472
8	131	114	388	336	730	523	251	180	161	424	981	445
9	123	107	360	328	726	576	230	175	203	421	902	420
10	122	104	322	320	680	573	246	164	260	429	841	398
11	130	96	275	307	642	545	251	147	336	481	810	373
12	128	95	223	306	626	546	256	141	378	493	758	351
13	135	91	192	298	586	531	249	132	402	549	724	323
14	141	90	176	299	550	528	237	129	447	582	737	320
15	144	103	180	306	496	508	237	123	478	615	776	303
16	151	96	182	308	441	496	238	120	474	649	792	289
17	161	94	184	319	426	467	242	114	465	698	825	275
18	169	91	183	336	435	445	230	110	479	816	870	261
19	172	99	182	347	464	458	217	106	516	875	896	251
20	176	113	186	377	501	484	218	104	519	973	989	239
21	179	110	183	381	527	505	241	103	511	1030	994	228
22	176	106	185	382	533	519	249	100	480	1049	911	218
23	175	104	193	367	545	516	255	98	456	1092	839	219
24	169	95	206	358	522	500	240	97	453	1080	798	223
25	168	89	196	347	527	513	239	102	507	1146	744	227
26	176	86	196	346	546	502	244	97	602	1180	676	227
27	173	88	217	315	537	492	242	106	640	1201	642	231
28	169	109	232	337	537	473	239	124	588	1264	636	246
29	167		265	433	532	446	244	134	523	1324	619	257
30	171		314	518	546	445	246	139	486	1331	611	293
31	172		347		554		246	144		1370		307
mean	155	112	242	353	576	494	272	144	384	782	902	345

Annual mean 397
Maximum 1370

Year : 1980 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	291	109	113	232	322	585	196	222	194	779	928	708
2	270	101	109	250	325	612	180	212	192	800	963	677
3	258	96	97	297	351	630	169	201	186	865	1005	638
4	251	91	88	345	325	657	162	188	186	909	1029	603
5	233	87	93	411	332	672	151	177	216	969	1087	567
6	221	82	89	440	329	686	146	168	235	993	1110	532
7	207	80	86	450	323	667	143	158	260	1036	1092	490
8	199	80	90	450	300	625	135	146	284	1051	1058	448
9	193	83	90	441	283	603	128	137	341	1072	997	407
10	183	92	99	427	262	589	124	130	370	1038	996	373
11	176	94	105	423	245	570	118	126	390	1060	1074	350
12	168	91	99	413	245	553	112	126	408	1079	1148	334
13	167	96	101	424	256	542	109	140	459	1127	1195	326
14	163	99	100	422	278	505	105	167	534	1191	1183	327
15	160	111	106	414	319	488	105	176	592	1163	1148	330
16	159	126	109	406	356	472	103	176	586	1138	1060	331
17	151	124	116	380	354	440	99	170	561	1105	1043	326
18	145	120	111	355	357	419	102	159	536	1055	985	313
19	138	115	120	344	376	408	112	151	507	1011	995	294
20	134	110	120	335	389	385	121	154	492	983	1026	278
21	126	99	121	335	389	380	125	176	473	945	986	269
22	123	93	135	326	403	349	129	203	461	921	966	259
23	121	90	165	312	386	321	139	213	473	915	942	257
24	119	83	191	295	376	297	140	218	492	944	924	254
25	117	84	216	288	358	280	147	229	535	943	938	251
26	113	90	204	280	375	261	155	271	585	982	900	242
27	107	89	197	297	390	254	176	285	649	969	899	230
28	108	94	190	301	430	240	214	260	720	947	845	221
29	111	100	182	297	496	226	235	226	768	956	794	214
30	110		196	294	567	207	239	200	802	935	775	211
31	111		233		597		232	183		943		208
mean	166	97	131	356	358	464	147	185	450	994	1003	363

Annual mean 393
Maximum 1195

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1981 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	197	146	139	245	408	661	272	149	103	462	1025	507
2	188	137	132	248	487	647	257	140	102	458	1060	472
3	178	131	128	241	432	633	240	132	108	451	1064	435
4	171	121	127	220	436	630	224	124	110	488	1114	403
5	167	114	128	201	474	648	208	115	103	512	1116	373
6	171	104	118	206	515	636	213	112	117	596	1165	348
7	180	98	107	215	595	604	220	110	119	696	1214	334
8	182	97	99	223	639	547	229	106	174	739	1223	330
9	186	97	101	253	674	494	230	105	254	731	1233	330
10	188	104	117	259	681	465	222	103	305	742	1256	351
11	184	101	124	284	704	478	212	100	328	731	1270	395
12	171	95	120	333	735	516	206	98	375	719	1252	438
13	162	91	113	359	765	527	195	97	417	719	1236	474
14	168	87	138	398	811	545	186	97	438	736	1257	494
15	176	85	168	393	941	530	178	94	438	817	1209	482
16	179	81	207	395	936	550	186	92	446	806	1227	468
17	181	75	229	381	834	564	191	89	440	821	1172	441
18	175	71	267	382	766	574	188	87	410	885	1113	415
19	165	71	285	346	723	544	180	85	483	911	1089	384
20	154	70	276	319	699	523	170	84	404	970	1051	348
21	145	72	254	287	666	513	160	86	413	1021	993	318
22	132	71	229	278	666	506	156	94	424	1050	962	298
23	127	107	204	302	633	493	158	95	403	1068	921	283
24	121	135	196	345	615	454	161	97	397	1073	884	270
25	120	148	176	339	597	429	160	91	391	1055	830	264
26	117	157	165	341	573	396	158	90	391	996	766	269
27	121	147	156	341	576	364	156	90	421	1027	713	264
28	145	137	173	380	599	339	159	89	434	1060	679	258
29	158		211	355	648	307	162	89	449	1019	620	262
30	162		229	423	703	286	158	90	452	1046	587	269
31	162		240		698		156	89		1050		267
mean	162	105	173	310	652	513	192	101	328	821	1043	363

Annual mean 397
Maximum 1270

Year : 1982 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	260	227	118	307	340	568	276	165	211	595	1638	634
2	255	212	145	283	324	540	277	163	204	600	1700	599
3	248	198	148	263	326	531	281	158	225	639	1740	559
4	236	202	199	247	329	541	276	153	249	671	1739	520
5	223	202	199	226	348	533	268	146	276	710	1731	482
6	222	196	186	214	375	529	262	141	284	751	1683	448
7	256	187	165	197	409	528	250	135	302	761	1626	434
8	304	186	141	180	483	521	235	131	334	796	1569	408
9	316	199	134	164	577	519	219	126	385	806	1554	401
10	303	213	120	177	624	526	205	121	414	815	1535	408
11	289	215	142	231	650	511	196	118	390	817	1488	416
12	267	205	156	299	670	513	187	116	408	826	1428	421
13	238	189	196	346	666	513	179	117	422	823	1363	437
14	212	172	229	373	730	507	181	127	513	783	1306	441
15	211	162	239	387	768	487	193	137	552	771	1261	430
16	231	157	238	388	824	453	214	142	614	763	1234	415
17	241	150	257	391	936	420	220	142	631	740	1206	399
18	251	145	256	380	977	380	213	136	627	767	1164	384
19	242	141	277	353	991	351	201	128	605	790	1140	373
20	226	138	301	337	959	326	200	123	597	822	1118	360
21	205	132	307	339	943	299	206	119	598	891	1102	346
22	201	127	314	373	917	277	213	114	555	913	1043	336
23	195	120	287	413	902	265	212	109	485	958	1009	331
24	202	112	267	409	879	264	201	108	466	1025	958	323
25	221	104	249	382	825	273	193	116	412	1100	913	304
26	223	102	238	394	763	276	186	107	407	1195	855	296
27	223	110	261	362	712	270	177	104	486	1305	811	292
28	236	106	291	346	690	279	170	105	435	1403	753	286
29	243		303	347	645	264	166	111	467	1484	711	277
30	247		305	345	630	266	167	126	530	1572	669	264
31	243		328		595		165	167		1651		253
mean	241	165	226	315	671	418	212	129	436	921	1268	396

Annual mean 450
Maximum 1740

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1983 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	239	83	100	77	295	302	162	85	87	345	870	554
2	229	83	94	86	306	319	153	79	94	396	879	544
3	216	82	97	94	359	325	137	75	88	428	896	553
4	206	77	97	108	374	326	125	73	77	457	926	559
5	195	76	100	116	437	341	115	69	86	470	968	551
6	187	75	104	123	462	360	105	69	87	450	965	532
7	181	79	92	140	443	377	97	66	84	452	985	523
8	171	81	93	184	422	352	94	66	91	416	989	520
9	167	86	89	220	403	339	101	70	107	402	982	526
10	163	83	89	227	417	330	121	76	110	398	972	532
11	156	75	84	228	424	314	150	76	104	481	923	536
12	148	74	87	213	443	296	183	76	120	559	1024	536
13	143	73	90	207	438	272	213	74	134	672	1012	525
14	140	72	95	199	428	271	216	73	142	626	1003	512
15	135	72	92	204	408	276	210	70	131	627	942	509
16	132	71	89	203	367	276	209	67	158	651	903	504
17	125	70	86	193	358	275	204	65	151	660	862	502
18	121	68	81	177	341	269	197	65	168	658	814	491
19	114	68	80	179	363	247	187	64	170	696	774	489
20	113	67	78	168	357	239	174	63	193	786	737	479
21	108	63	75	156	340	226	164	61	198	825	694	470
22	105	66	68	161	340	220	153	60	219	805	625	454
23	103	64	63	194	332	209	141	58	213	789	589	441
24	102	65	65	210	329	192	133	56	232	779	577	420
25	99	71	69	230	338	186	129	55	226	799	550	402
26	95	73	67	256	359	196	119	53	230	778	532	381
27	96	81	71	283	371	199	115	52	241	779	553	361
28	93	89	68	282	377	191	109	50	234	803	574	333
29	92		66	279	362	188	103	49	266	795	589	304
30	92		62	255	348	180	98	48	321	819	579	277
31	89		64		341		95	45		886		261
mean	140	74	82	188	377	270	145	65	159	629	810	470

Annual mean 284
Maximum 1024

Year : 1984 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	247	79	144	419	393	544	706	335	582	962	858	753
2	224	78	153	421	410	638	706	331	653	928	844	736
3	209	77	158	409	447	645	708	325	741	925	819	704
4	204	72	166	372	438	613	723	323	824	867	782	679
5	193	72	167	359	437	599	682	330	794	850	888	652
6	181	71	165	329	407	580	664	338	743	844	917	623
7	170	69	158	313	380	549	643	336	684	896	963	591
8	164	72	162	318	393	519	630	322	623	1078	984	560
9	161	69	151	324	389	538	625	312	622	1102	993	538
10	153	72	131	332	384	504	602	350	599	1107	970	511
11	148	73	124	362	401	491	604	347	570	1128	957	477
12	142	76	124	394	412	497	629	358	548	1161	954	445
13	141	78	125	411	407	476	641	357	508	1193	955	415
14	137	79	141	418	399	445	654	359	504	1124	965	392
15	132	77	159	408	375	431	651	407	512	1115	996	378
16	126	74	165	379	353	431	638	483	529	1160	994	360
17	126	73	156	334	347	415	615	488	553	1117	984	341
18	121	74	152	293	347	411	581	464	568	1105	956	326
19	119	74	154	250	372	443	552	444	624	1115	923	311
20	117	76	155	228	428	466	526	430	652	1093	875	295
21	113	84	162	208	459	444	517	432	649	1071	877	280
22	113	85	194	189	514	422	501	469	693	1080	842	269
23	108	84	249	179	508	408	519	498	705	1074	812	264
24	106	84	270	198	519	405	466	479	731	1103	826	257
25	104	82	275	229	541	409	425	466	732	1128	847	251
26	100	98	269	271	550	458	400	457	765	1063	872	249
27	95	110	274	319	579	547	389	457	825	1037	880	242
28	94	122	282	344	546	694	386	472	928	961	894	231
29	93	122	285	350	509	765	375	491	986	936	849	231
30	88		330	361	492	765	360	504	971	895	800	243
31	87		366		501		341	524		858		253
mean	139	81	192	324	440	518	563	409	681	1035	902	415

Annual mean 475
Maximum 1193

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1985 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	261	143	88	303	477	667	356	267	509	811	1676	772
2	263	142	88	291	466	672	328	271	488	819	1744	781
3	254	143	106	293	448	721	308	262	485	871	1721	778
4	251	141	144	318	437	745	300	244	463	949	1680	750
5	250	139	171	376	429	720	298	227	447	964	1657	724
6	255	142	169	430	444	663	287	218	406	968	1665	701
7	260	146	157	454	465	594	277	214	391	967	1661	681
8	252	144	138	458	488	539	275	213	379	984	1673	664
9	254	148	136	480	517	511	276	213	445	1032	1632	634
10	245	157	137	482	550	485	277	209	458	1041	1582	598
11	233	171	140	534	576	461	291	197	487	1038	1594	555
12	229	177	142	595	589	440	295	187	483	1084	1567	512
13	241	174	143	668	569	427	296	174	461	1084	1555	470
14	274	164	133	740	513	449	294	166	481	1058	1543	422
15	267	148	127	782	479	407	292	157	496	1058	1526	410
16	260	133	132	796	488	385	290	150	532	1138	1473	409
17	263	121	143	835	539	356	292	143	559	1128	1438	407
18	262	110	154	815	626	326	295	144	592	1156	1376	409
19	268	103	159	794	655	305	302	153	597	1203	1304	409
20	269	96	162	788	635	289	318	193	623	1247	1231	387
21	257	89	171	843	602	268	317	246	682	1270	1144	368
22	253	85	172	810	581	270	317	280	723	1311	1077	349
23	231	81	170	757	565	258	327	291	788	1341	1041	332
24	218	79	158	713	558	308	323	312	760	1381	1001	320
25	206	76	161	663	549	372	311	362	724	1453	976	318
26	199	75	173	627	535	373	327	411	702	1472	970	319
27	186	71	227	582	562	393	289	419	704	1520	885	319
28	175	72	289	539	587	379	271	433	738	1663	824	321
29	160		322	501	599	389	264	444	769	1746	792	319
30	151		329	477	636	383	255	448	784	1684	772	319
31	143		313		675		258	451		1709		311
mean	235	124	169	592	543	432	297	261	572	1198	1359	486

Annual mean 524
Maximum 1746

Year : 1986 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	294	140	233	315	316	584	157	80	130	555	1271	567
2	284	139	234	343	300	664	146	77	113	609	1241	556
3	267	138	259	347	276	674	153	77	108	646	1207	529
4	261	133	262	353	269	681	161	76	96	632	1160	505
5	251	128	250	315	274	675	170	82	102	603	1115	476
6	238	123	243	309	268	666	175	81	97	572	1070	447
7	235	118	240	312	298	651	174	78	137	592	1036	413
8	226	113	242	320	307	647	170	75	191	644	962	379
9	221	124	232	311	327	619	157	75	224	730	920	346
10	211	127	246	303	318	588	146	76	234	722	869	316
11	200	144	277	282	326	544	137	78	253	743	817	294
12	197	185	282	261	383	488	131	81	287	792	767	278
13	190	210	270	238	452	461	127	84	306	814	733	260
14	184	219	263	230	512	433	125	82	314	876	702	245
15	176	230	266	227	527	417	120	80	373	949	656	229
16	169	218	279	248	520	427	118	77	452	1012	636	216
17	161	210	300	275	474	433	114	74	532	1117	641	208
18	153	218	320	284	466	434	108	72	578	1130	633	198
19	151	208	360	286	473	406	104	67	553	1148	625	191
20	145	199	376	275	461	373	99	65	520	1174	628	185
21	143	178	386	281	437	351	94	63	488	1189	617	181
22	138	161	391	274	403	331	91	62	463	1205	604	175
23	145	170	404	276	394	312	87	61	404	1223	603	172
24	151	166	375	286	396	296	88	60	345	1209	617	166
25	152	176	364	290	386	277	90	61	319	1206	625	161
26	148	193	336	331	372	257	86	69	300	1239	632	155
27	154	210	320	340	388	235	84	75	352	1282	639	149
28	170	212	285	326	400	209	85	110	356	1310	623	147
29	170		279	329	418	190	85	119	400	1336	602	145
30	162		290	334	434	170	84	115	473	1299	591	142
31	154		305		534		87	106		1269		141
mean	190	171	296	297	391	450	121	79	317	962	795	276

Annual mean 362
Maximum 1336

Combined Daily Discharge of the Ntem,Ndjo'o and Biwome (estimated)

Year : 1987 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	139	59	78	208	397	272	458	93	163	670	1205	631
2	138	58	89	199	355	269	467	94	194	633	1314	632
3	137	57	94	196	336	256	464	99	218	639	1298	670
4	135	66	94	211	352	230	443	104	237	630	1335	675
5	132	68	92	222	322	204	408	125	246	652	1384	669
6	127	70	88	211	342	182	372	145	260	660	1421	659
7	119	72	93	199	342	171	337	152	286	674	1371	651
8	115	72	93	196	310	144	303	156	319	770	1372	643
9	111	72	97	194	284	133	265	163	410	869	1373	624
10	106	80	91	186	264	121	230	172	511	950	1377	601
11	105	85	85	175	276	120	207	171	568	985	1345	559
12	101	88	81	171	282	122	183	176	616	1028	1317	542
13	99	80	82	156	294	133	166	181	653	1018	1246	507
14	96	74	80	154	299	143	158	173	685	1013	1211	480
15	91	67	96	185	318	141	154	156	711	1079	1180	464
16	90	65	112	230	337	146	151	142	772	1172	1165	440
17	88	59	117	295	325	149	147	134	773	1335	1121	429
18	90	57	112	283	306	157	140	125	784	1459	1094	414
19	89	57	100	286	296	166	136	113	795	1457	1036	395
20	91	63	97	275	290	175	135	107	804	1435	1005	381
21	93	68	95	247	295	194	153	103	831	1470	973	357
22	88	69	102	223	274	226	172	104	805	1556	931	333
23	87	71	114	220	265	273	183	120	726	1487	911	321
24	84	76	114	287	314	323	177	132	703	1438	900	305
25	86	72	104	334	348	377	164	146	725	1416	866	293
26	82	68	149	372	363	395	153	156	767	1374	812	284
27	80	64	208	386	363	415	147	159	746	1351	781	276
28	76	59	218	388	340	427	134	153	726	1297	762	260
29	70		204	388	319	474	119	144	671	1252	700	242
30	66		210	375	307	458	106	148	645	1249	680	231
31	63		194		302		99	146		1226		217
mean	99	68	115	248	317	233	224	138	578	1105	1116	458

Annual mean 392
Maximum 1556

Year : 1988 Unit : m^3/sec

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	204	128	90	195	259	686	527	191	249	675	1778	949
2	214	118	103	203	252	654	593	195	236	678	1784	909
3	226	120	143	213	241	630	541	192	234	676	1784	869
4	234	119	154	236	262	611	512	180	242	635	1801	794
5	234	111	153	245	281	582	478	164	321	629	1824	767
6	223	112	155	256	353	573	439	157	351	627	1854	729
7	207	113	156	240	430	567	403	144	360	661	1846	668
8	192	116	146	226	484	569	374	138	353	711	1840	656
9	182	120	138	211	507	544	346	134	374	792	1784	659
10	179	124	126	199	544	514	331	130	361	992	1769	654
11	175	142	135	208	593	519	291	124	348	1072	1739	657
12	176	146	132	207	615	504	268	120	351	1066	1686	661
13	180	135	133	205	582	470	280	117	362	1044	1620	654
14	189	133	152	205	633	454	270	115	378	1093	1587	652
15	189	125	165	224	651	442	257	114	406	1097	1541	656
16	193	135	172	263	667	425	242	124	436	1036	1538	645
17	201	143	191	321	691	455	228	136	448	1007	1549	651
18	210	145	214	336	749	433	215	141	490	951	1523	646
19	186	138	231	308	802	439	207	148	515	951	1426	612
20	180	135	254	294	815	433	198	161	571	966	1314	590
21	179	132	274	294	832	428	193	145	584	1135	1278	578
22	190	124	267	307	837	451	187	135	607	1111	1235	566
23	186	116	254	321	832	459	180	136	616	1203	1255	553
24	177	106	230	332	885	472	172	159	605	1449	1200	486
25	173	95	200	339	932	505	166	183	651	1386	1065	446
26	168	84	176	333	895	527	170	218	724	1367	1008	474
27	154	77	163	318	848	542	168	238	770	1500	1019	442
28	146	75	165	302	797	546	166	249	778	1475	1012	441
29	142	77	161	279	758	535	168	237	726	1573	1001	411
30	140		172	269	719	532	176	239	705	1707	976	415
31	137		190		716		189	221		1874		411
mean	186	119	174	263	628	517	288	164	472	1069	1488	623

Annual mean 499
Maximum 1874

Technical Specification for Meteo-hydrologic Survey

Technical Specifications for Meteo-hydrologic Survey

1. Objectives

The meteo-hydrologic survey shall be conducted by SONEL based on the general specifications below. The objectives are to supplement existing data and to verify the reliability. Furthermore, it is recommended that the survey is continued from now on, not merely for this feasibility study.

2. Survey Area and Measurement Point

The survey is performed in the Ntem river basin for the Memve Ele Hydroelectric Power Development Project. The measurement points are shown below.

Measurement Point	Measurement Item
1. Nyabessan	Rainfall
2. Ngoazik	Rainfall
3. Ntem river at Nyabessan	
- Proposed dam site	Water level,discharge,water quality, suspended load
- Proposed power station site	Water level,discharge
4. Ndjo'o river at Abem	Water level,discharge,water quality, suspended load
5. Biwome river at Nyabessan	Water level,discharge,water quality, suspended load
6. River sections on the dam axes	Discharge

3. Scope of Works

(1) Rainfall measurement

Rainfall measurement shall be carried out using an automatic raingauge installed at Nyabessan and Ngoazik in this study. The raingauge is operated automatically, but recording paper and battery shall be replaced periodically. Further the periodical inspection shall be done at least once a month to keep the gauge run properly.

(2) Water level measurement

Water level measurement shall be carried out by reading an existing and newly installed staff gauges at 5 points in the project area, that is, at Nyabessan on the Ntem river, upstream and down stream power station sites in the Ntem gorge, at Abem on the Ndjo'o river and at Nyabessan on the Biwome river.

(3) Discharge measurement

Discharge measurement shall be carried out at least once in every two months at the same river section. Further the water level shall be recorded in conjunction with the result of discharge measurement.

It is recommended that the measurement be carried out at least once a month subject to improvement of access to the site and logistic condition in the site.

(4) Suspended load measurement

Suspended load measurement shall be conducted at least once in every two months at the same river section. At the same time, discharge measurement shall be undertaken in order to grasp the relation between suspended load discharge and river flow discharge.

One or more water sampling points on a horizontal plane shall be selected along each river cross section. For each sampling point, water sampling shall be performed at one or more points on a vertical plane. If the river is shallow, water shall be collected at a point close to the river bed. Otherwise, water shall additionally be collected at point(s), one of which shall be close to the river water surface. When samling water, the detailed information on sampling point such as date of performance, sampling depth from a water surface of the river, and distance from river bank shall also be recorded so that water examiners can distinguish the samples.

(5) Water quality test

Water sampling for quality test shall be undertaken at least once in the rainy season and dry season respectively. The detailed information on sampling point such as date, sampling depth and distance from river bank shall be recorded. Water samples shall be collected at one or more verticals of one or more points on a river cross section. In parallel with water sampling, the river flow discharge shall be measured.

Selection of water quality parameters depends on the objective and capability of laboratory. It is generally recommended that analysis of the following parameters be done considering the objective.

1. Color	6. Mg(ppm)	11. S (ppm)	16. No_3(ppm)
2. Temperature(deg C)	7. Na(ppm)	12. F(ppm)	17. No_2(ppm)
3. Conductivity(umho/cm)	8. K (ppm)	13. Cl (ppm)	18. HCo_3(ppm)
4. pH	9. Fe (ppm)	14. So_4(ppm)	19. Cr (ppm)
5. Ca (ppm)	10. Mn(ppm)	15. NH_4(ppm)	20. Cd (ppm)

Measurement of color and temperature shall be done at sampling site immediately after water sampling.

The above measurement works are summarized below.

Measurement Item	No. of Measurement	Remarks
1. Rainfall measurement	Continuously	- replacement of recording paper once a month - replacement of cartridge pen once in every three months - replacement of battery once in every six months
2. Water level	Continuously	- maintenance of staff gauges
3. Discharge	At least once in every two months	- refer to sction 3. (3)
4. Suspended load	At least once in every two months	- analysis in laboratory
5. Water quality	At least once in dry season and once in rainy season	- dry season : Jan. - Mar. rainy season : Sep. - Nov. - analysis in laboratory

Part II Geological Data

Seismic Exploration Results

Drilling Logs

Field Permeability Test (Lugeon Test)

Test Pit Logs

Penetration Test Logs

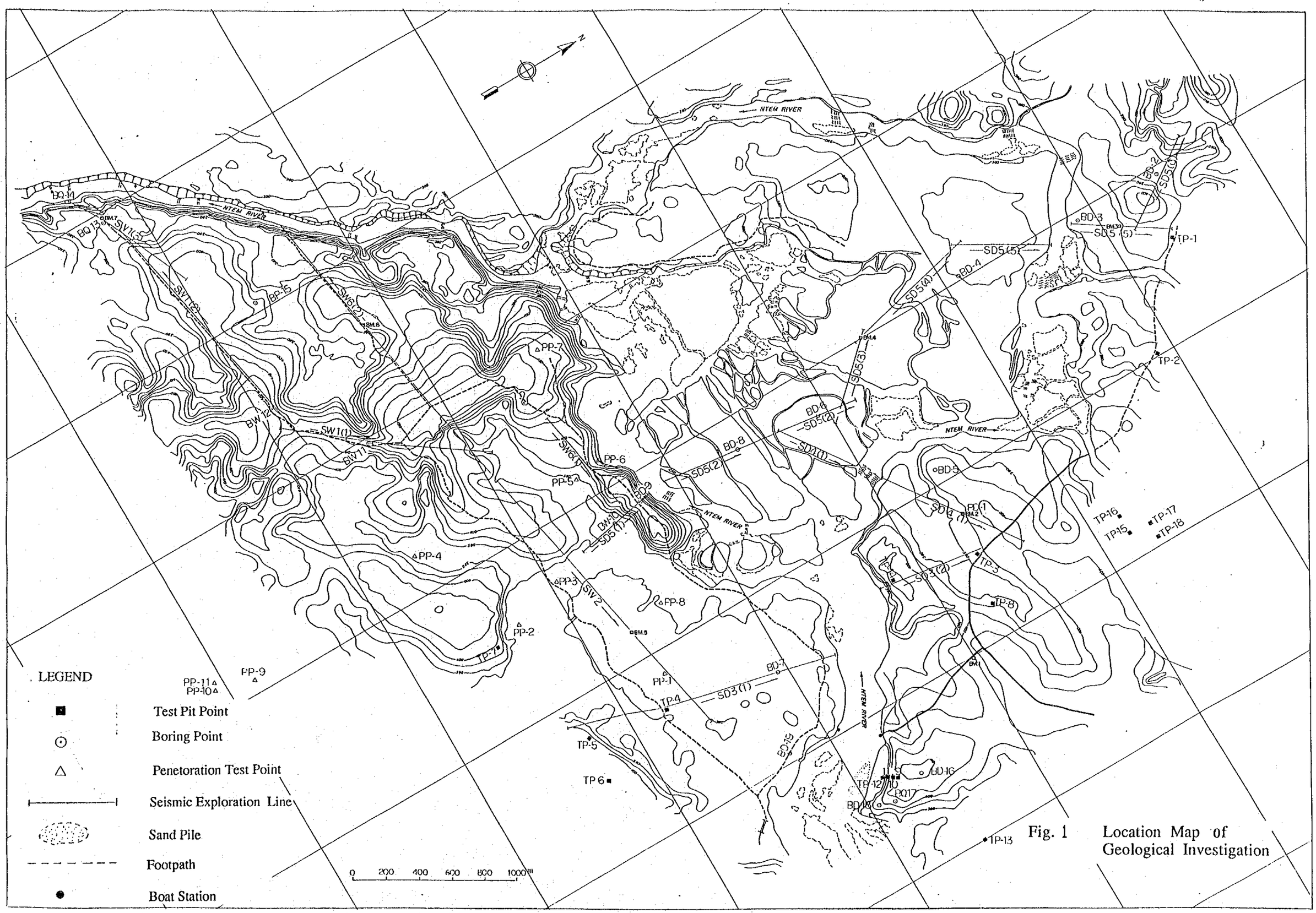
Table of Contents

Photos of Drilled core sample

Drill Logs

Field Permeability Test Result

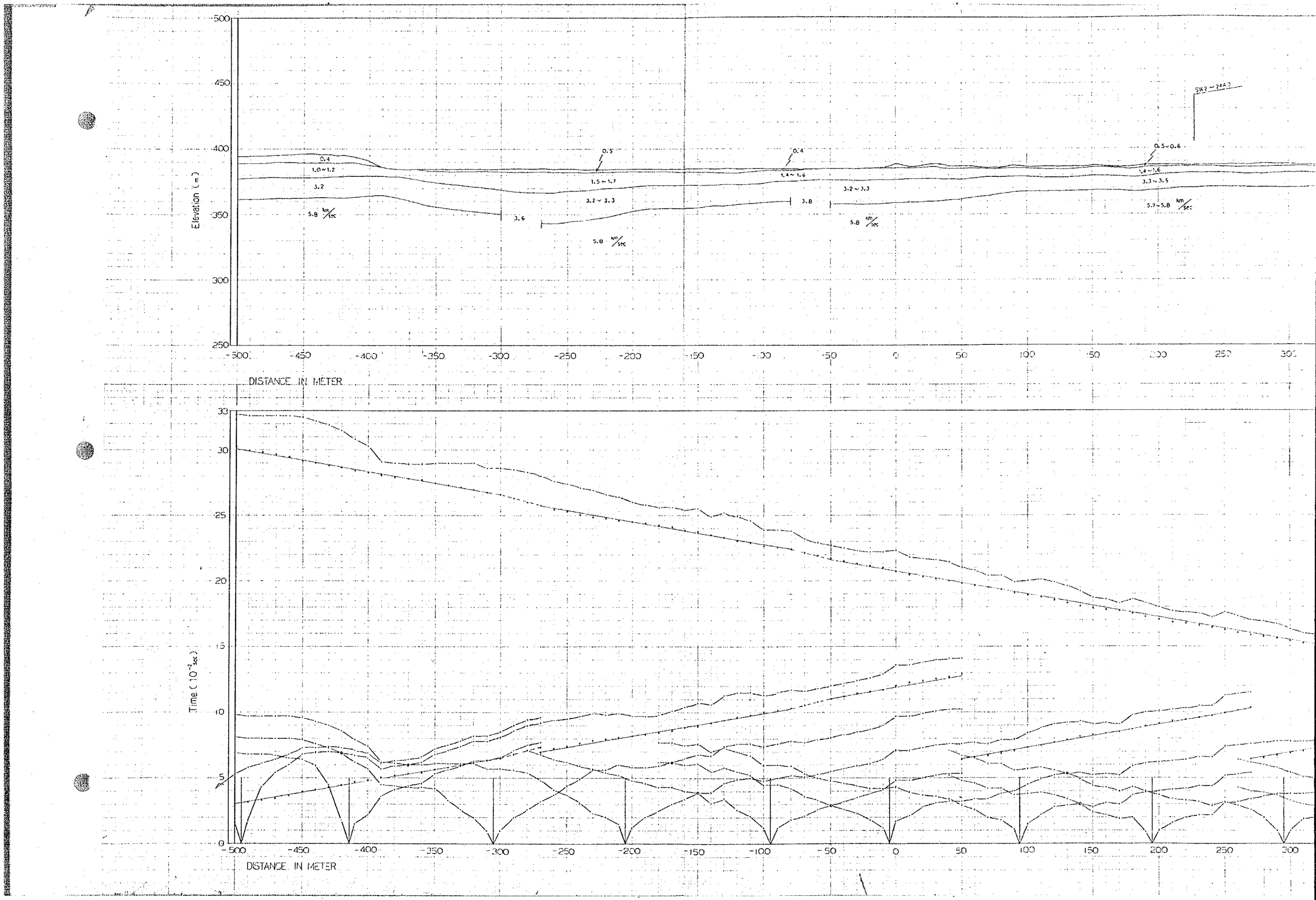
Test Pit Logs and Penetration Test Logs



LEGEND

- Test Pit Point
- Boring Point
- Penetoration Test Point
- Seismic Exploration Line
- Sand Pile
- Footpath
- Boat Station

Fig. 1 Location Map of Geological Investigation


Elevation (m)
500
450
400
350
300
250
-500
-450
-400
-350
-300
-250
-200
-150
-100
-50
0
50
100
150
200
250
300
DISTANCE IN METER
0.4
1.0~1.2
3.2
5.8 km/sec
0.5
1.5~1.7
3.2~3.3
3.6
5.8 km/sec
0.4
1.4~1.6
3.2~3.3
3.8
5.8 km/sec
SW2 ~ 2443
0.5~0.6
1.4~1.6
3.3~3.5
5.7~5.8 km/sec
Time (10^{-2} sec)
33
30
25
20
15
10
5
0
-500
-450
-400
-350
-300
-250
-200
-150
-100
-50
0
50
100
150
200
250
300
DISTANCE IN METER

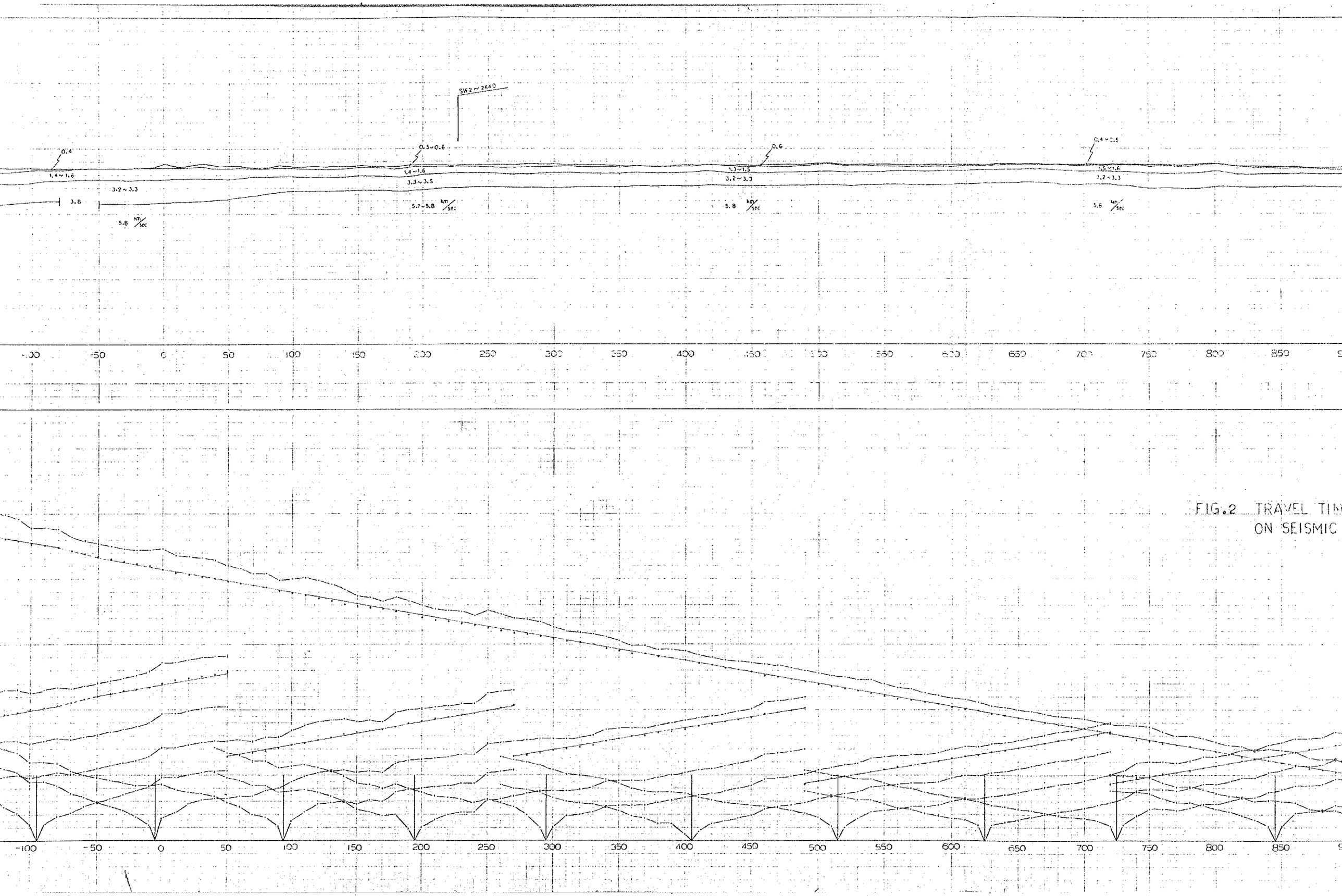


FIG.2 TRAVEL TIM
ON SEISMIC

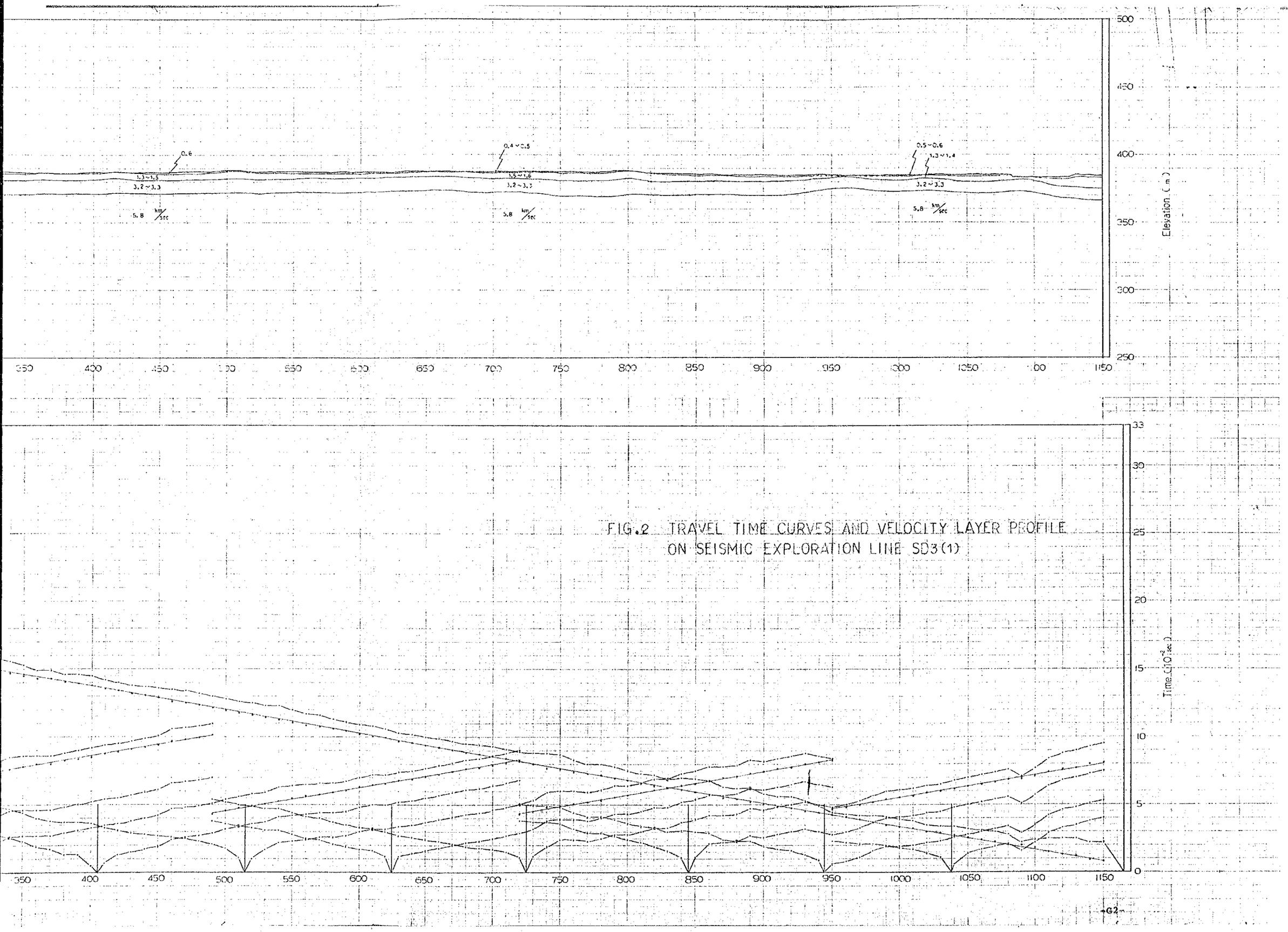
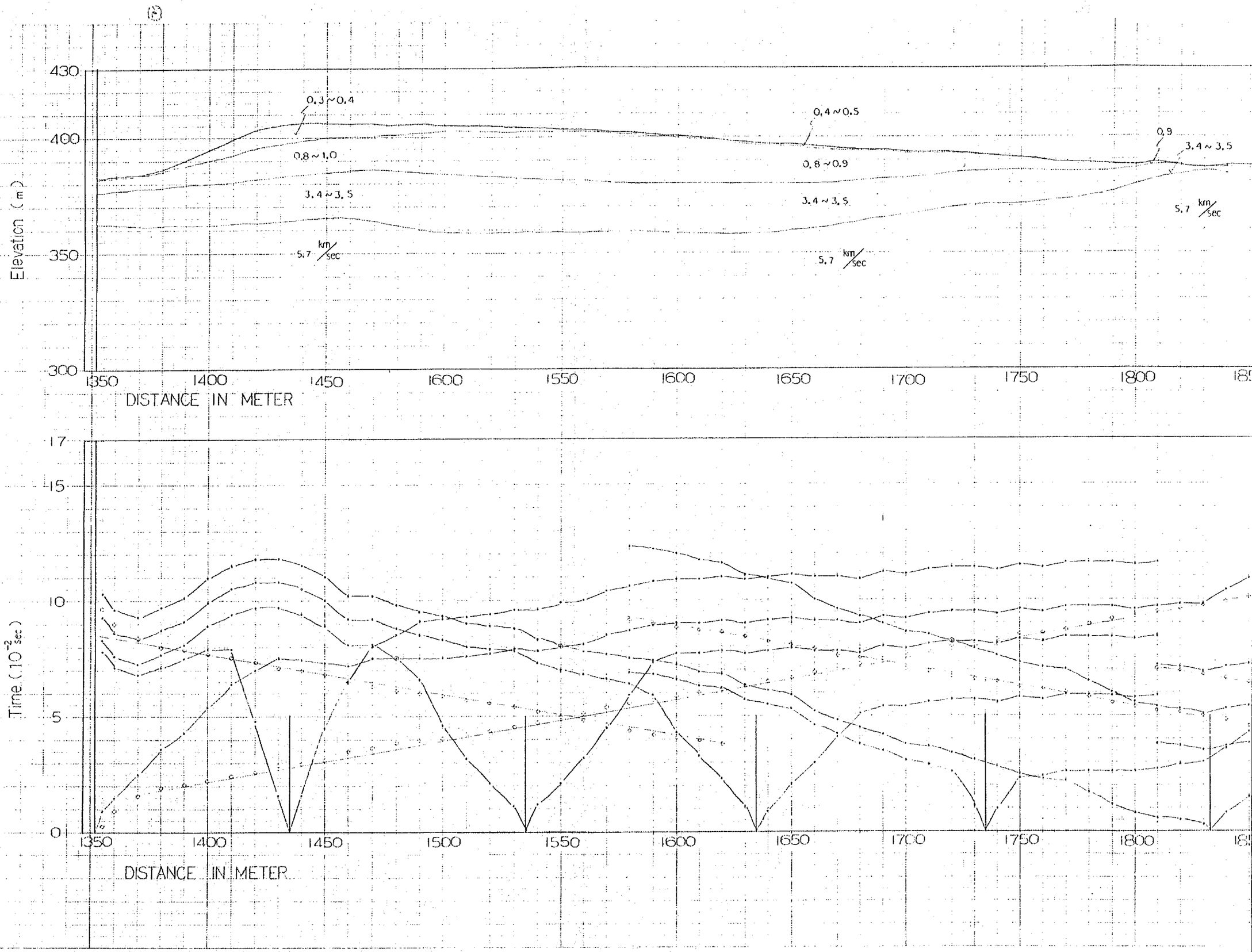


FIG.2 TRAVEL TIME CURVES AND VELOCITY LAYER PROFILE ON SEISMIC EXPLORATION LINE SD3(1)

(2)


430
400
350
300
Elevation (m)
0.3 ~ 0.4
0.8 ~ 1.0
3.4 ~ 3.5
5.7 km/sec
0.4 ~ 0.5
0.8 ~ 0.9
3.4 ~ 3.5
5.7 km/sec
0.9
3.4 ~ 3.5
5.7 km/sec
1350
1400
1450
1600
1550
1600
1650
1700
1750
1800
DISTANCE IN METER
17
15
10
5
0
Time (10^{-2} sec)
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
DISTANCE IN METER

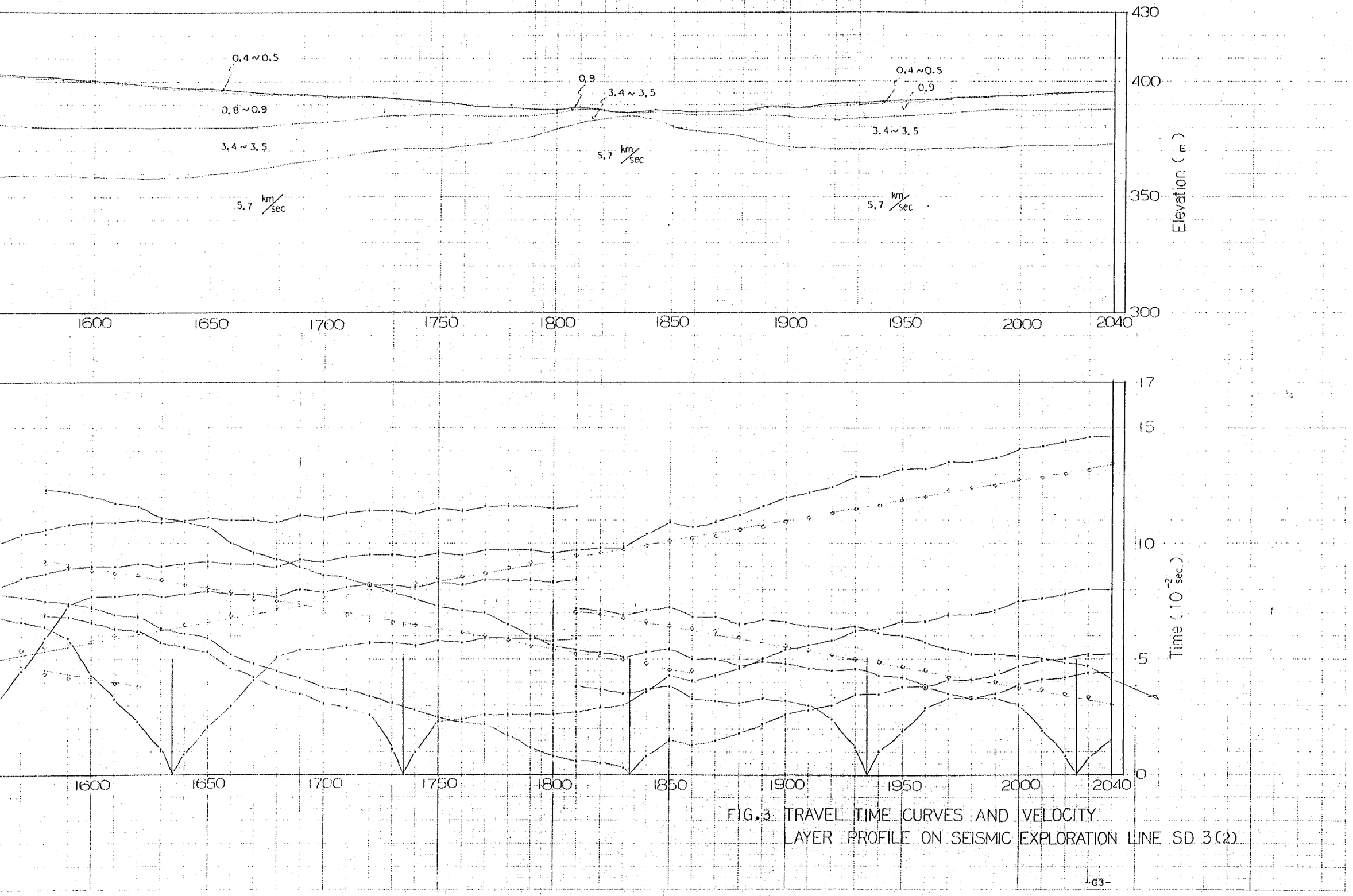
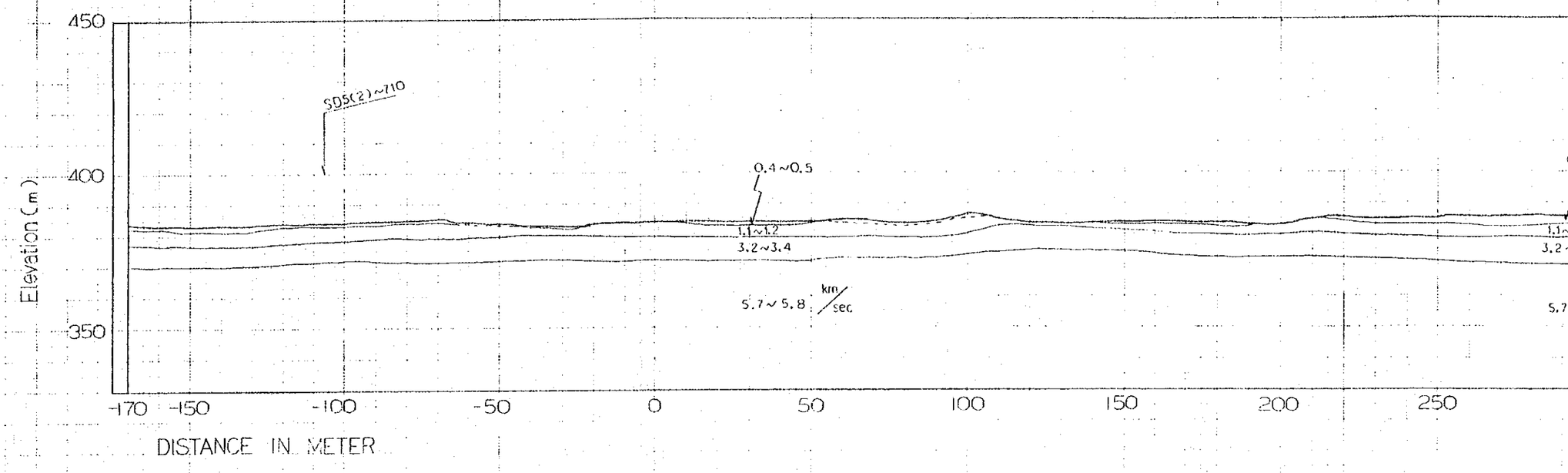


FIG.3 TRAVEL TIME CURVES AND VELOCITY LAYER PROFILE ON SEISMIC EXPLORATION LINE SD 3(2)



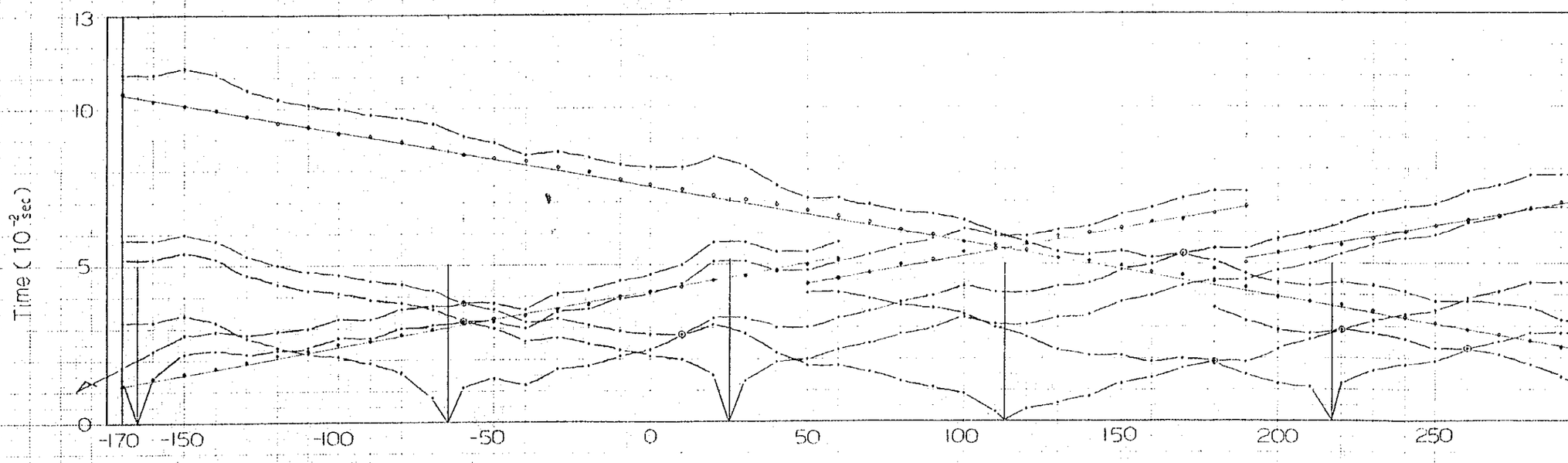


FIG.4 TRAVEL TIME
PROFILE ON

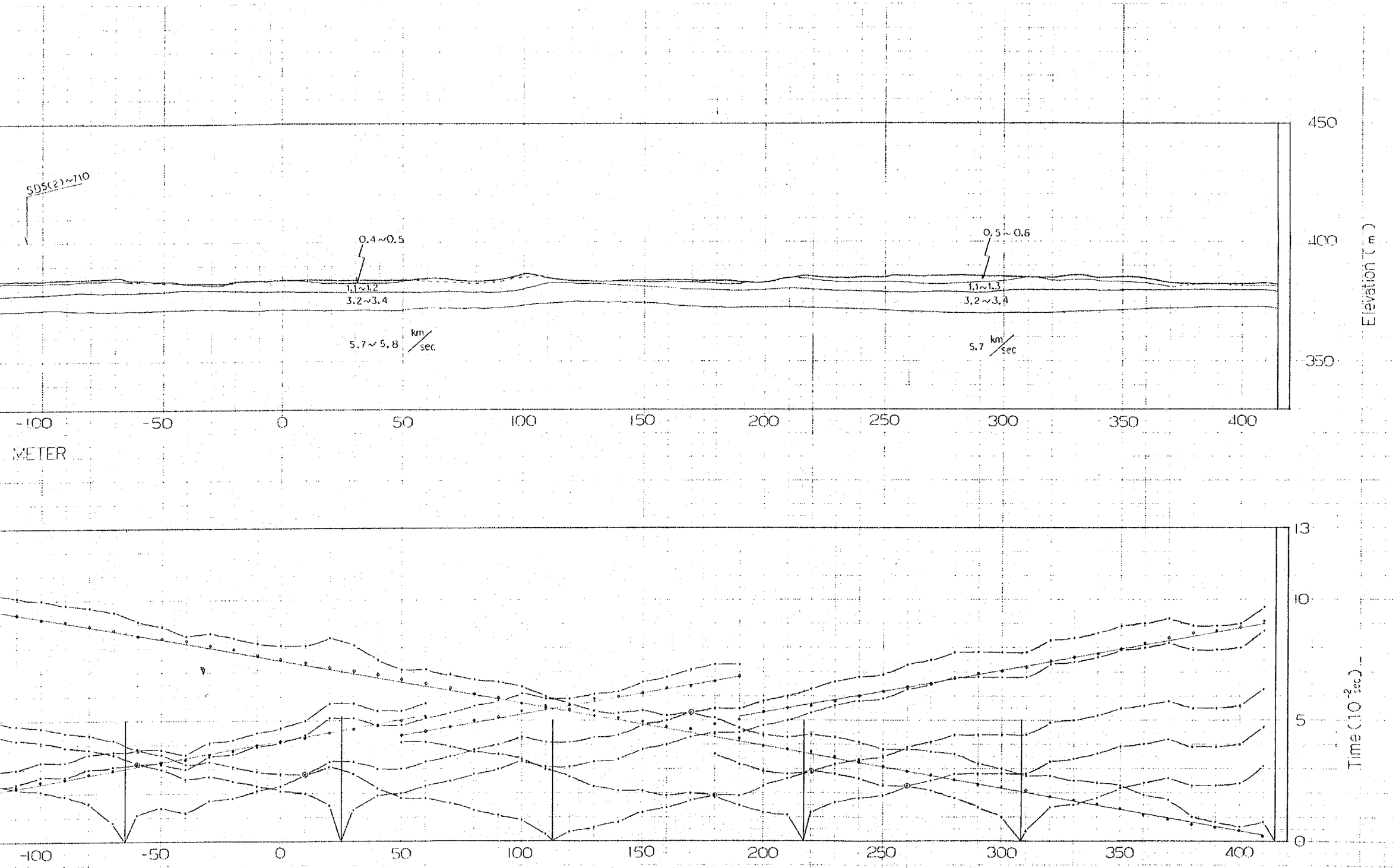
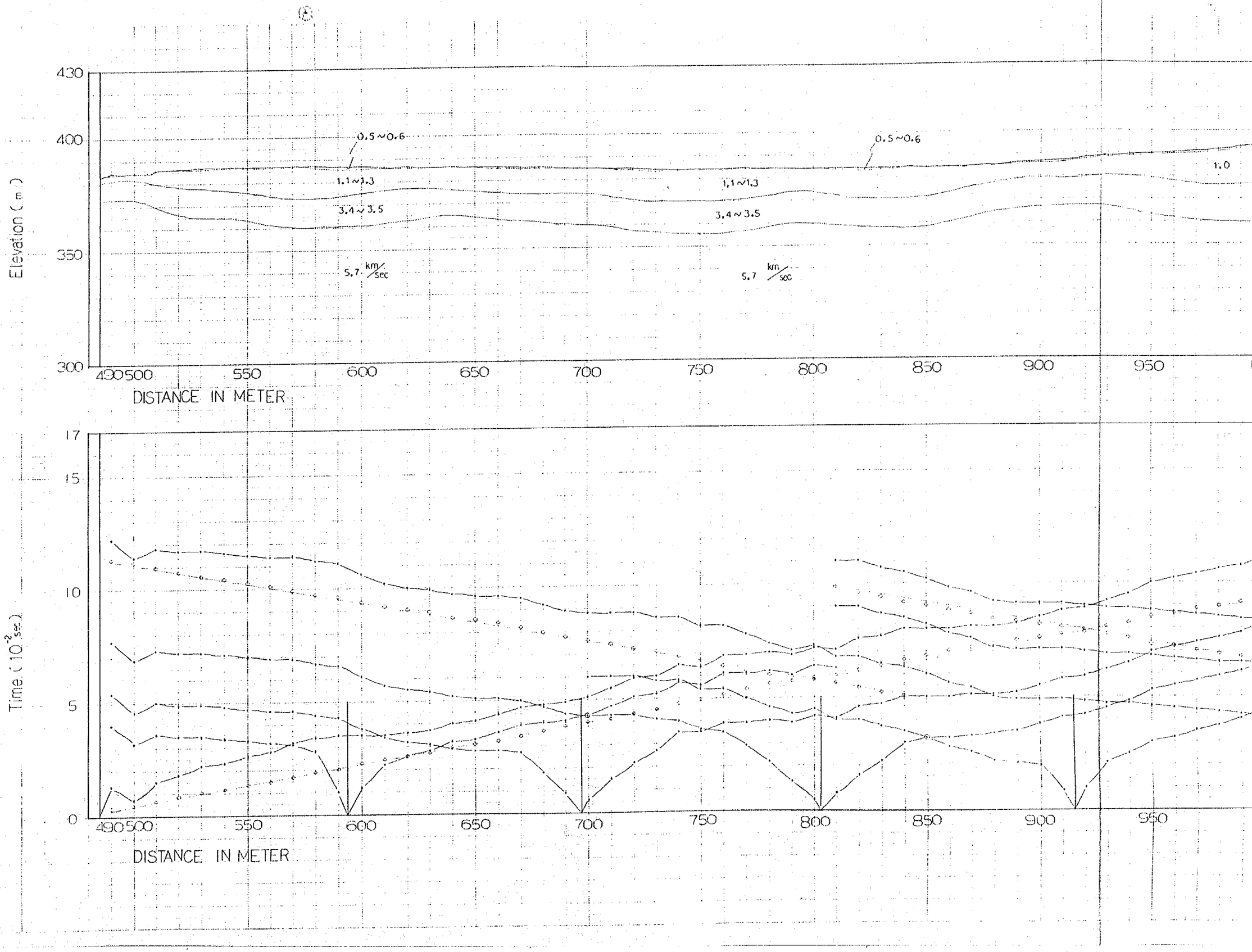


FIG.4 TRAVEL TIME CURVES AND VELOCITY LAYER PROFILE ON SEISMIC EXPLORATION LINE SD 4(1)


430
400
350
300
Elevation (m)
0.5~0.6
1.1~1.3
3.4~3.5
5.7 km/sec
0.5~0.6
1.1~1.3
3.4~3.5
5.7 km/sec
1.0
490 500 550 600 650 700 750 800 850 900 950
DISTANCE IN METER
17
15
10
5
0
Time (10^{-2} sec)
490 500 550 600 650 700 750 800 850 900 950
DISTANCE IN METER

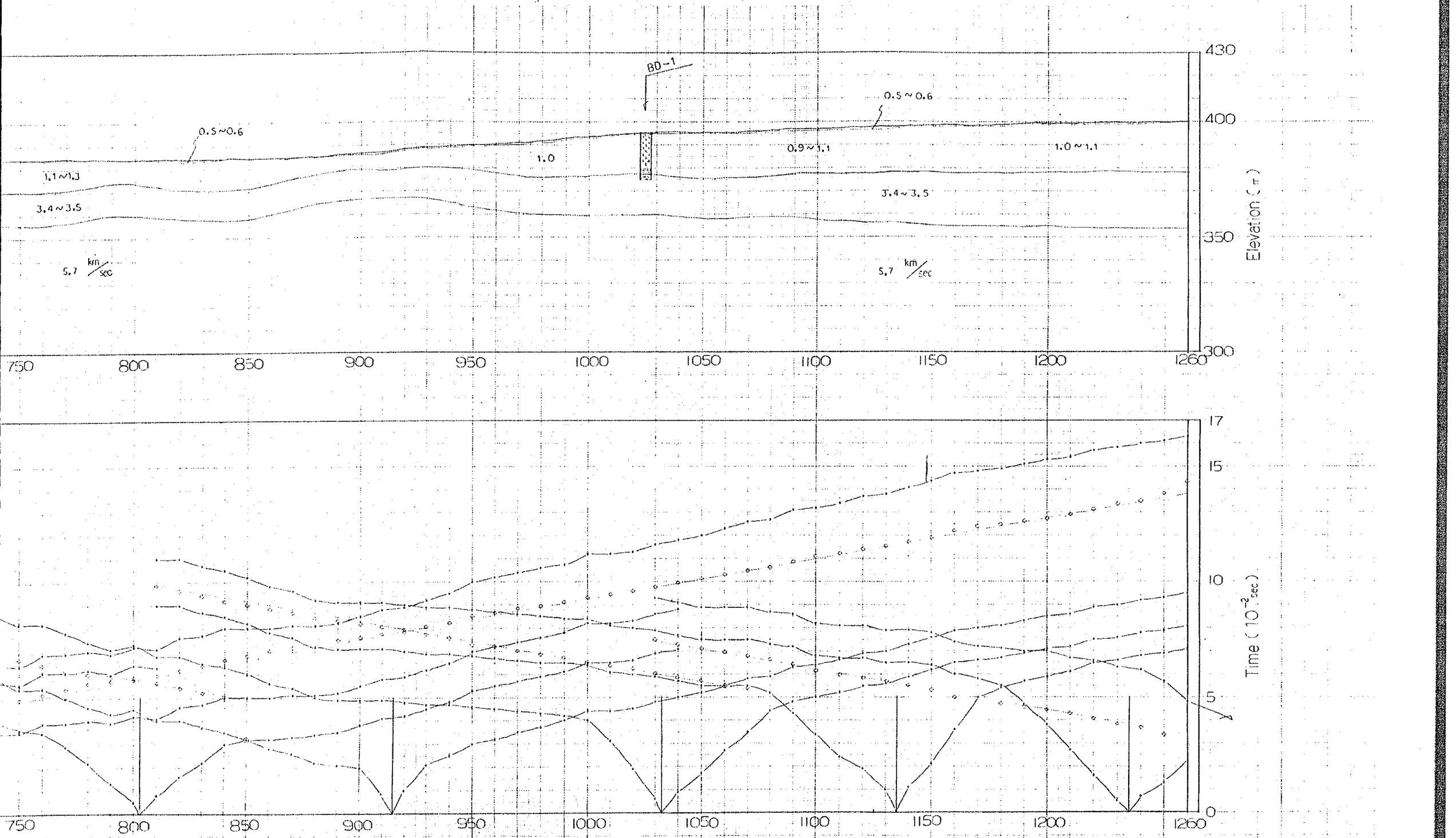


FIG.5 TRAVEL TIME CURVES AND VELOCITY LAYER PROFILE ON SEISMIC EXPLORATION LINE SD 4(2)

SD 5(1)

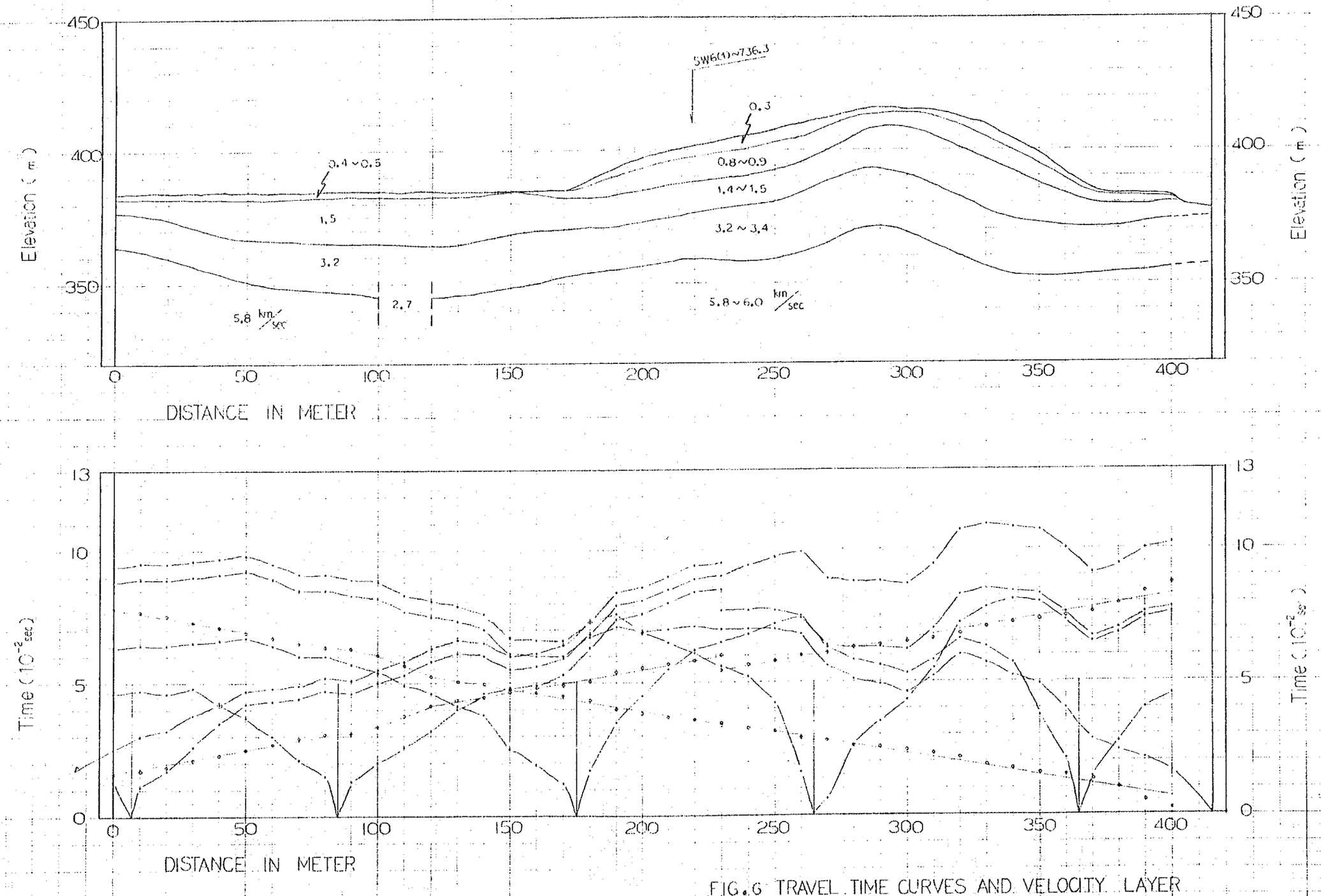
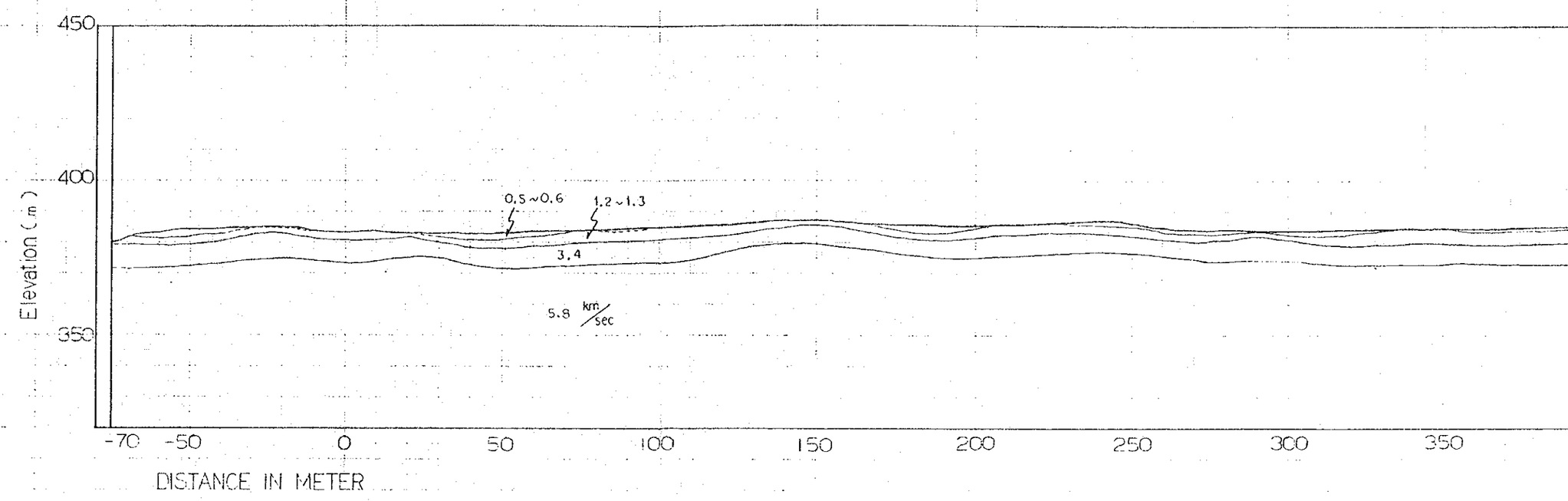
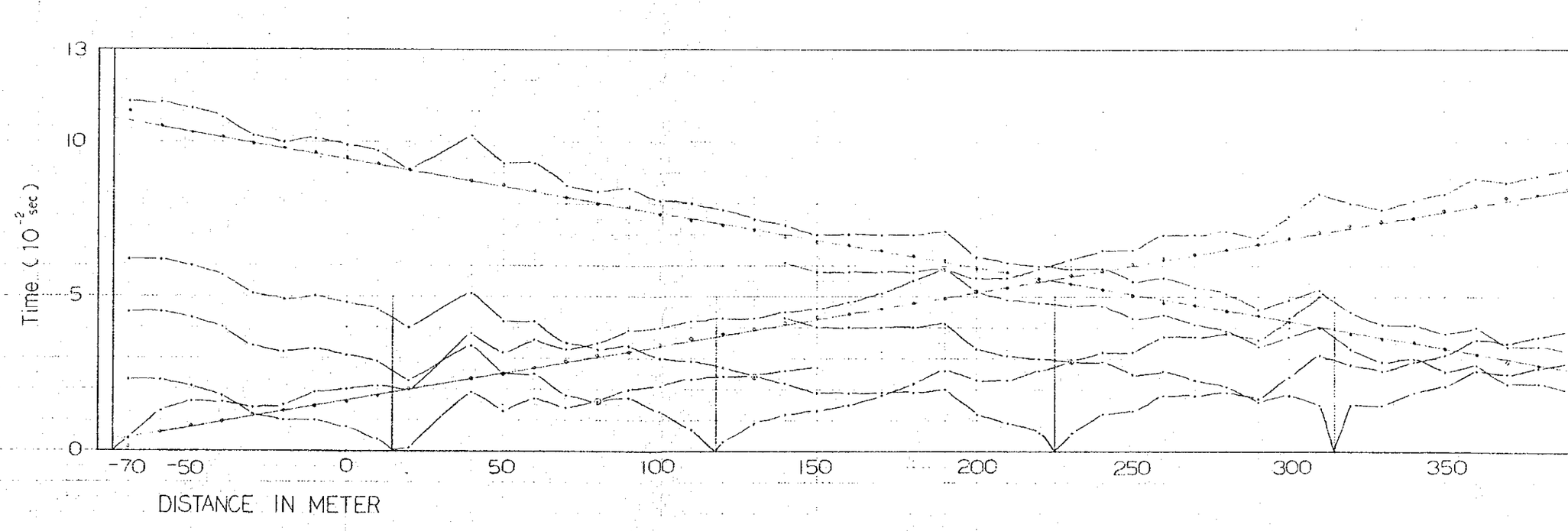
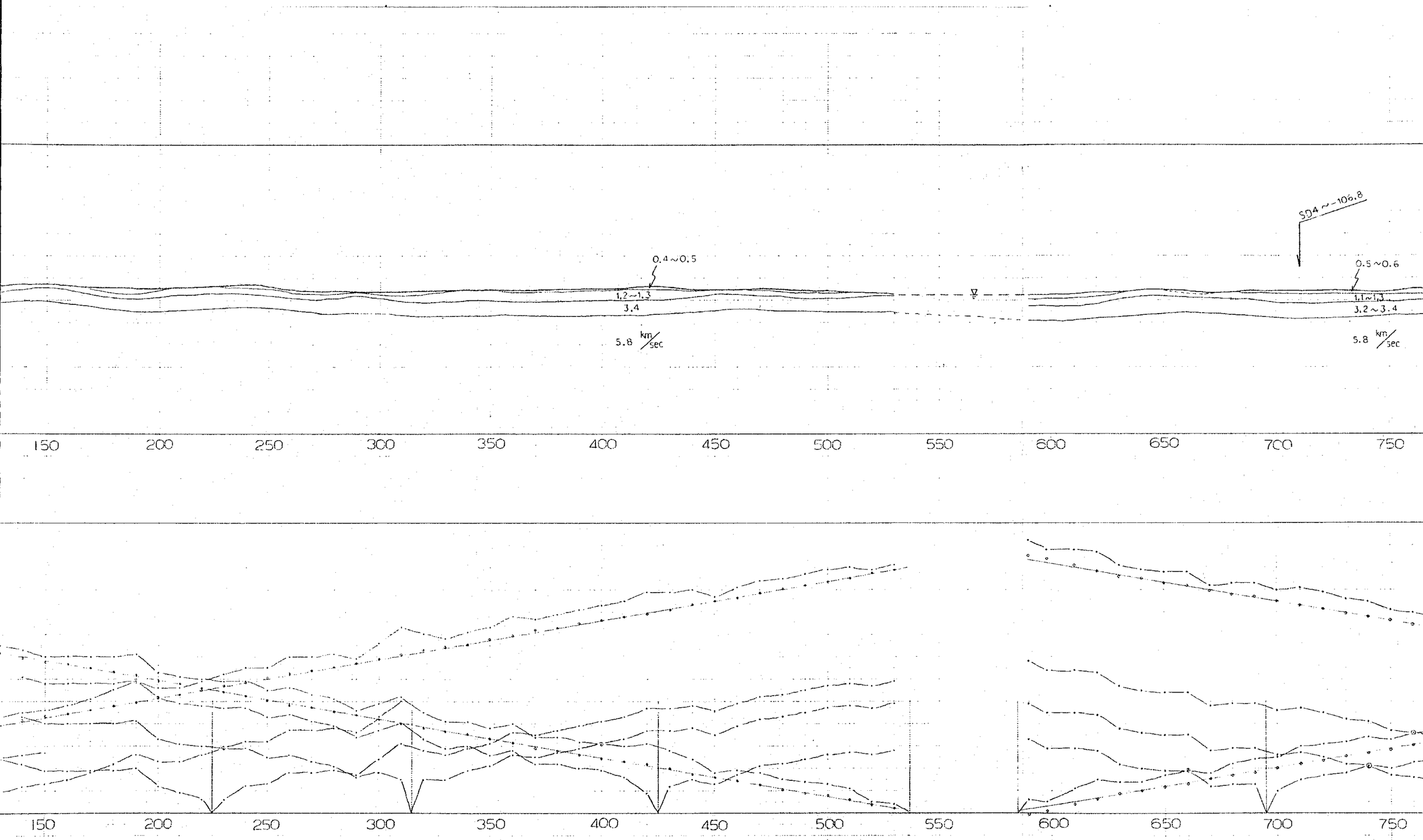


FIG.6 TRAVEL TIME CURVES AND VELOCITY LAYER PROFILE ON SEISMIC EXPLORATION LINE SD 5(1)


450
400
350
Elevation (m)
0.5 ~ 0.6
1.2 ~ 1.3
3.4
5.8 km/sec
-70
-50
0
50
100
150
200
250
300
350
DISTANCE IN METER


13
10
5
0
Time (10 -2 sec)
-70
-50
0
50
100
150
200
250
300
350
DISTANCE IN METER


SP4 ~ -106.8
0.4 ~ 0.5
1.2 ~ 1.3
3.4
5.8 km/sec
0.5 ~ 0.6
1.1 ~ 1.3
3.2 ~ 3.4
5.8 km/sec
150
200
250
300
350
400
450
500
550
600
650
700
750

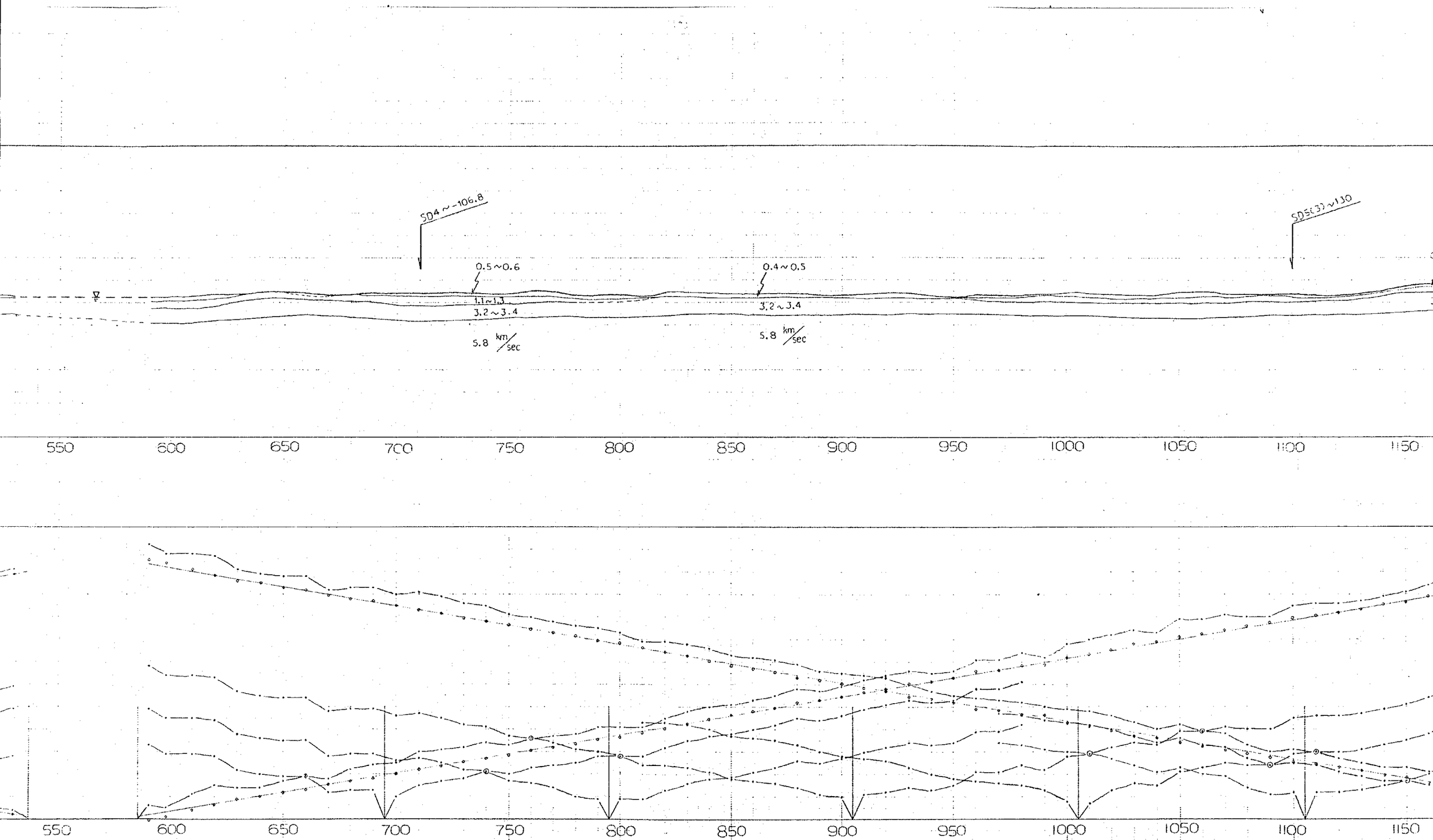


FIG.7 TRAVEL TIME CURVES AND VELOCIT
PROFILE ON SEISMIC EXPLORATION L

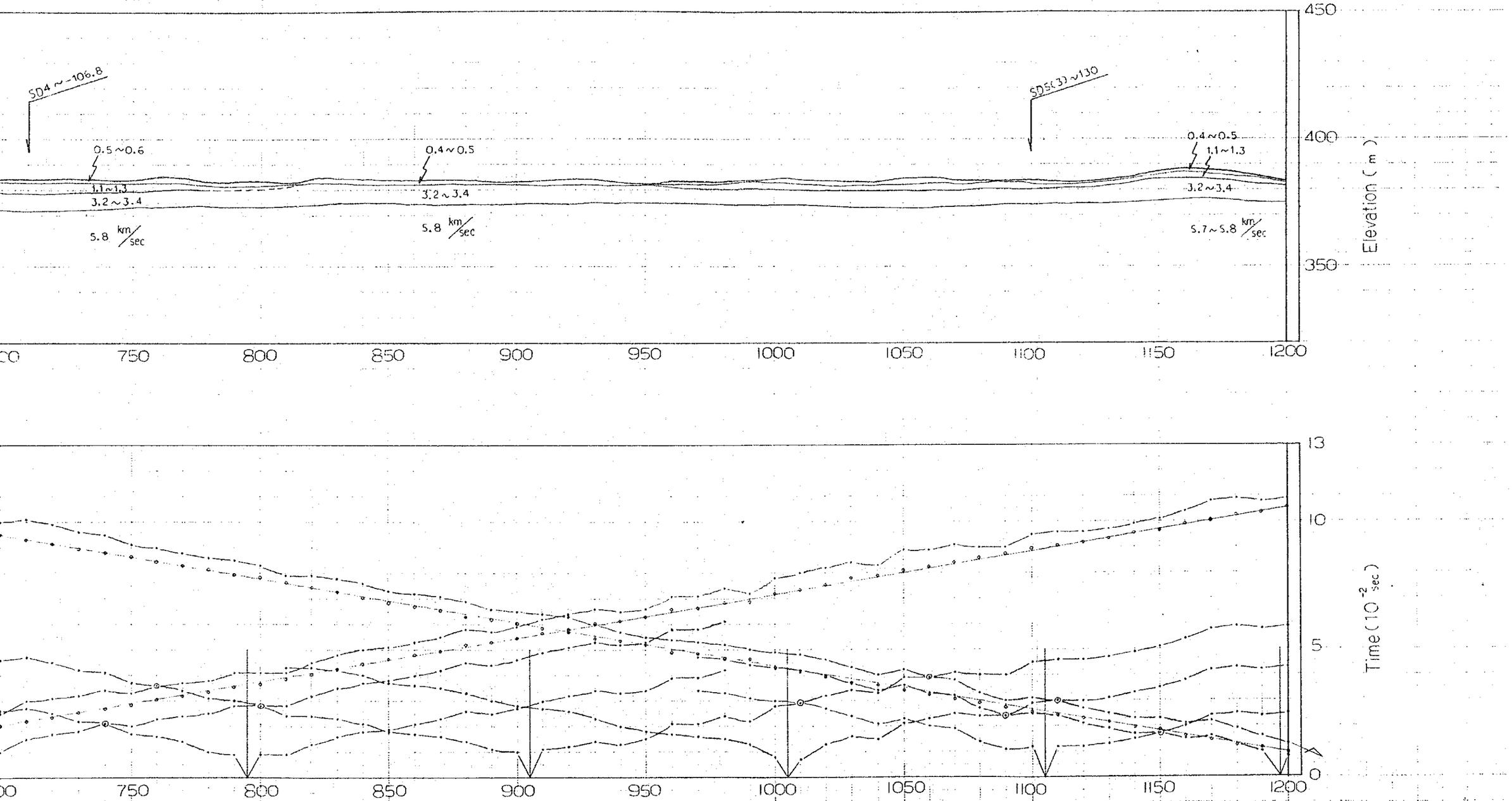
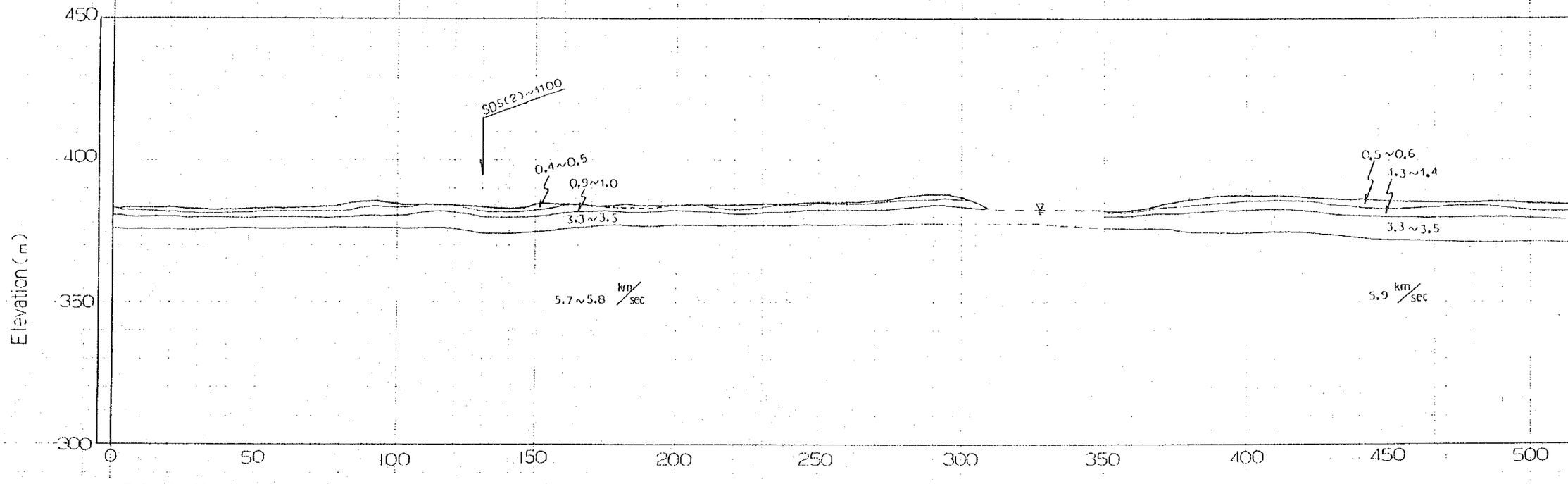


FIG.7 TRAVEL TIME CURVES AND VELOCITY LAYER PROFILE ON SEISMIC EXPLORATION LINE SD5(2)



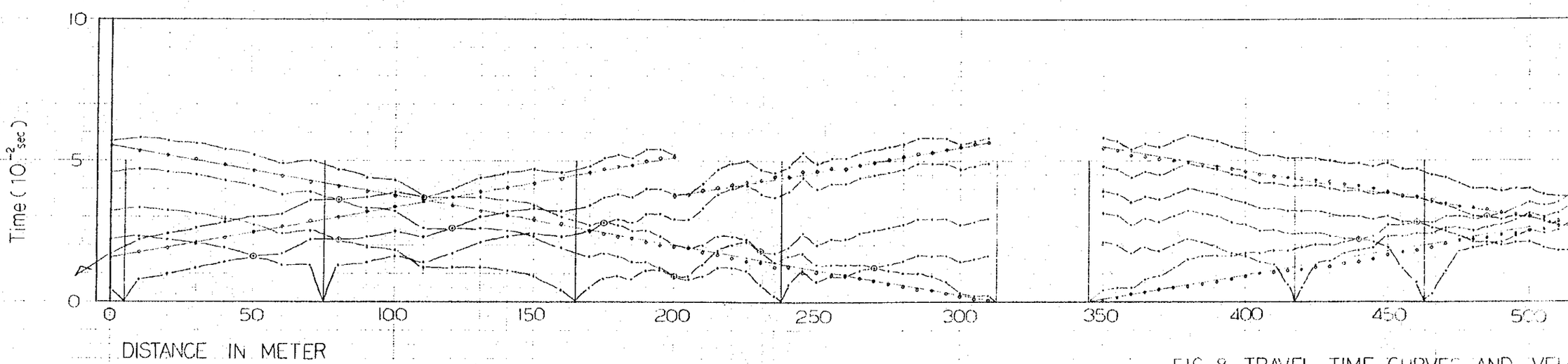


FIG.8 TRAVEL TIME CURVES AND VEL
ON SEISMIC EXPLORATION LINE

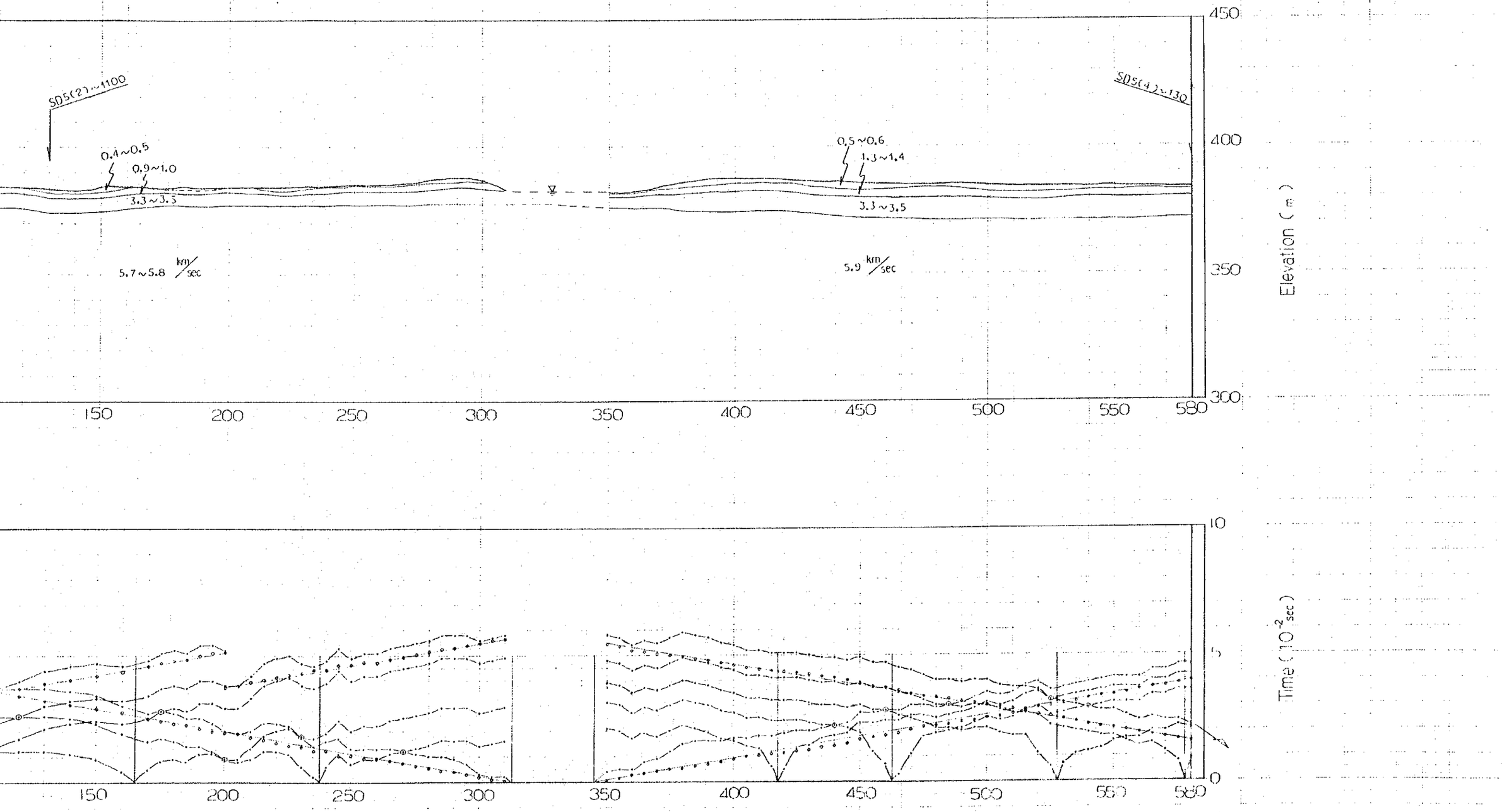


FIG.8 TRAVEL TIME CURVES AND VELOCITY LAYER PROFILE ON SEISMIC EXPLORATION LINE SD 5(3)

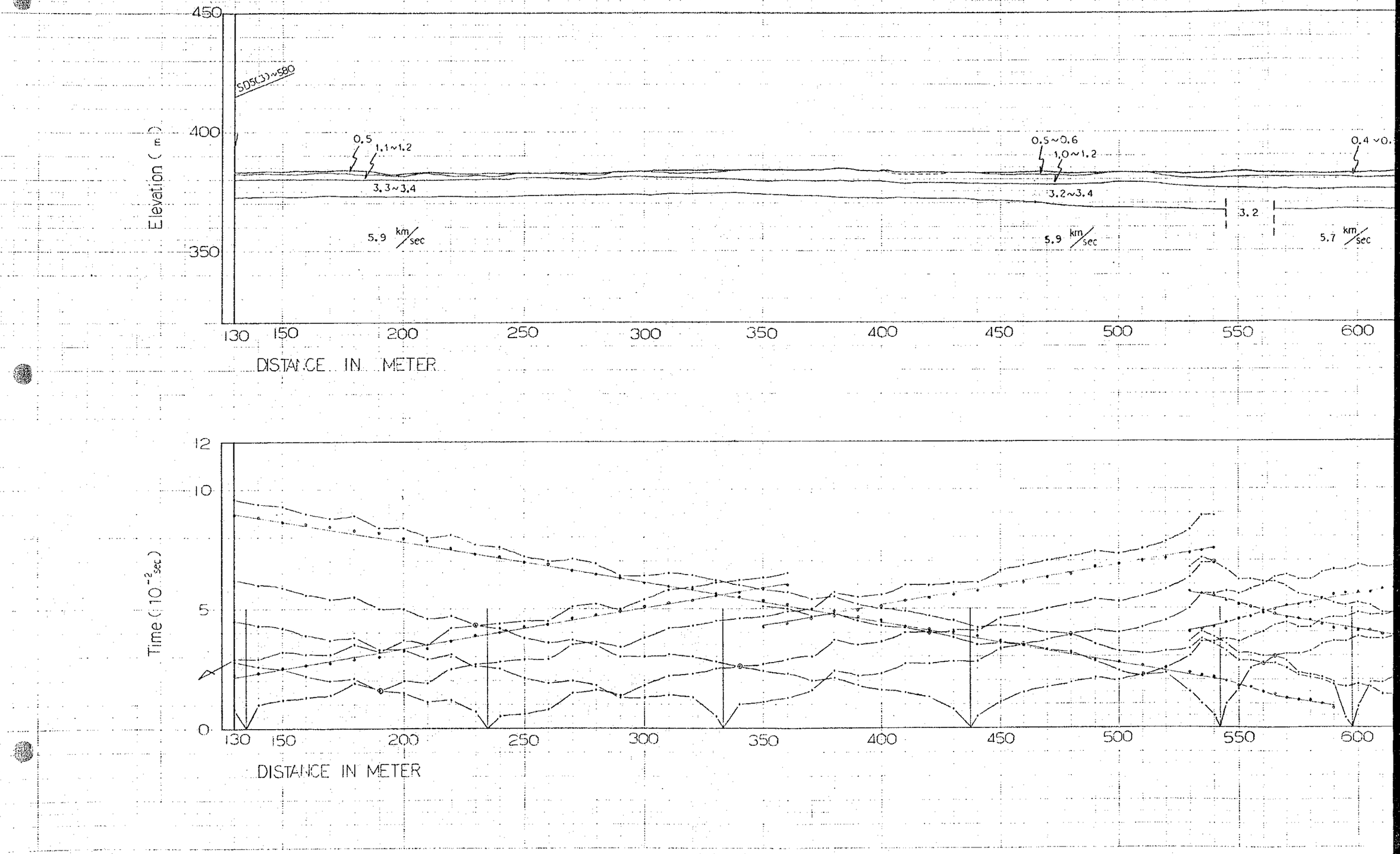

450
400
350
Elevation (m)
SDS(3)~580
0.5
1.1~1.2
3.3~3.4
5.9 km/sec
0.5~0.6
1.0~1.2
3.2~3.4
5.9 km/sec
3.2
5.7 km/sec
0.4 ~0.
130 150 200 250 300 350 400 450 500 550 600
DISTANCE IN METER
12
10
5
0
Time (10⁻² sec)
130 150 200 250 300 350 400 450 500 550 600
DISTANCE IN METER

FIG.9 TRAVEL TIME CURVES AND VELOCITY LAYER PROFILE ON SEISMIC EXPLORATION LINE SD5(