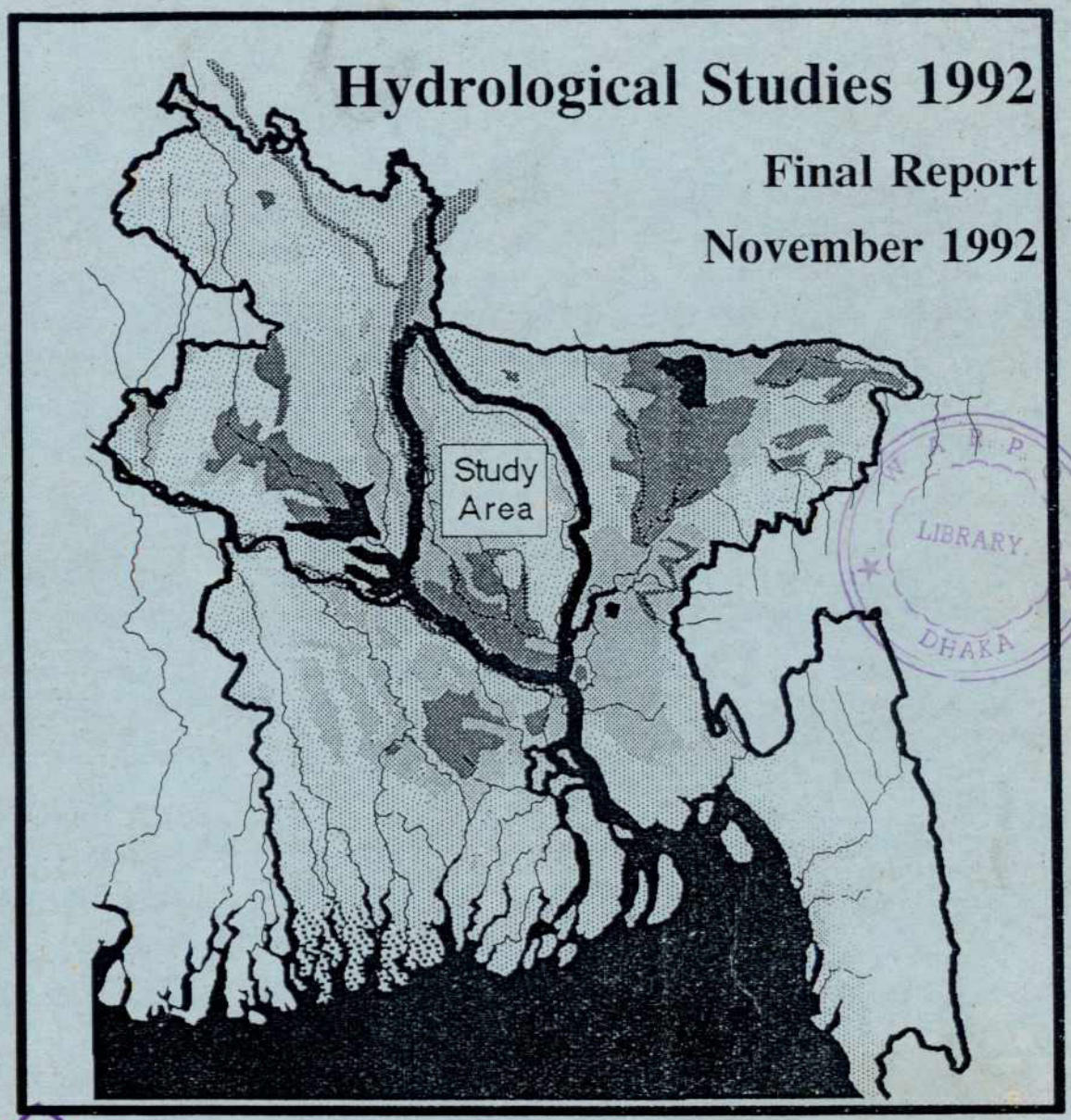
Government of the People's Republic of Bangladesh

Flood Action Plan

FAP 3

North Central Regional Study



Commission of the European Communities
and
Caisse Centrale de Cooperation Economique
Government of France
Project ALA/90/03

Consortium
BCEOM, Compagnie Nationale du Rhône,
Euroconsult, Mott MacDonald International,
SATEC Developpement

in association with:
Desh Upodesh
BETS

2

Government of People's Republic of Bangladesh
Flood Action Plan
FAP 3
North Central Regional Study

Hydrological Studies- 1992
Final Report

November 1992

Commission of the European Communities
and
Caisse Centrale de Coopération Economique
Government of France
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BETS Ltd.

NORTH CENTRAL REGIONAL STUDY, FAP3
HYDROLOGICAL STUDY - 1992

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References

1 INTRODUCTION.

The North Central Regional Study Final Report described a phased series of development projects to both mitigate the effects of flooding and enhance the agricultural potential of the region. The report recommends that two schemes be taken up at feasibility level over the next few years, the first being the RS2 area which is situated between Jamalpur and Tangail. The hydrological system of this region will be studied through the development of an hydrodynamic mathematical model. This kind of model requires comprehensive and reliable data and it was decided to assist in the collection of these data by setting up a hydrometric monitoring program for the 1992 monsoon season in this area - from July 15th to November 15th -. Water levels and discharges were collected at 10 stations on the main rivers. Data were collected by BWDB Hydrology Department and this activity was additional to the on-going program produced by BWDB in association with the Surface Water Modelling Center (SWMC) in the region. In order to ensure a good quality for these data, the survey was supervised by FAP 3 staff. This supervision included water levels and discharges survey, monitoring and comparative discharge measurement, and topographical survey.

2 STUDY AREA.

The Bhuapur - Gopalpur development scheme, RS2 comprise a major part of the eastern Jamuna flood plain. It is bordered in the North by the Jagannathganj-Jamalpur railway, in the West by the Bhuapur to Jagannathganj BWDB embankment, in the South by the Pungli River and in the East by the Bangshi River and the western side of the Madhupur Tracts.

3 THE HYDROLOGICAL SYSTEM.

The hydrological system is dominated by three major rivers : the Bangshi river in the East, the Jhenai-Futikjani system in the central part and the Pungli river in the South (See map M.3). There is some confusion over the designation of the rivers, even for the local people as some rivers have become captured by others and some secondary tributaries have progressively become main channels.

The following observations result from field visits made during July - November 1992.

The **Bangshi** off-take from the Old Brahmaputra was closed in the early 70'. Now this river is fed by direct run-off from the western slope of the Madhupur tract and local rainfall. (Source FAP3 RWRDP, June 1992).

The **Jhenai** river drains a large part of the Jamalpur Area before entering the RS2 area through the Baushi Railway Bridge. In the RS2 area, the Jhenai river bifurcates, the major channel flowing westward and the other one, flowing southward. This latest channel is called Baruna river or Jhenai river and carries a very little part of the total discharge. The main channel, then divides once more into two channels, the Jhenai West and the Atai. The Jhenai-West, is now closed by the Jagannathganj-Bhuapur BWDB embankment, the Atai river carrying the major discharge, also collects water from the Boalbari Khal at Belua Bazar. This Khal results from Jamuna water in-flowing at Sakaria 2 vent-sluice regulator. These channels finally join the Futikjani river, near Bhuapur.

The **Futikjani** river flows into the area through the Bhuapur 10 gate-sluice regulator, then collects water from the Jhenai system at 2 points upstream of Nolsafa. Downstream of Nolsafa, it then divides into two channels, Futikjani and Nanglai-North. Closer inspection, however has shown that the Nanglai North is normally closed at its upstream junction and in 1992 carried no discharge. Finally, The Futikjani system joins the Bangshi river upstream of Kauljani.

The **Nanglai** river has been completely captured by the Futikjani and the Bangshi.It initially forms a diversion channel from the Futikjani, then just downstream of Kauljani it collects a small part of the Bangshi discharge joining the Pungli river near Basai.

The **Pungli** river forms the Northern intake channel of the Dhaleswari system. It joins the Bangshi river near Mirzapur.

The above descriptions lead to the following comments :

- The in-flowing discharge in a normal year is limited to the following points : Baushi Bridge on the Jhenai river, Sakharia on the Boalbari Khal, Bhuapur on the Futikjani river and the Pungli river off-take. Baushi Bridge and Bhuapur regulator provide most of the inflow since the Sakharia regulator is kept closed during the monsoon.
- 1992 being a low flow year further observations are required before the hydrological pattern in high flood conditions can be better ascertained, see Section 4.3.
- All the rivers converge in one point, at Mirzapur, which not surprisingly results in drainage congestion in that vicinity.

4 RESULTS

4.1 General

The analysis of the collected data illustrate the problems that can occur regarding reliability and accuracy. Important discrepancies in the topographical survey have been observed between using BWDB datum and the recently installed SoB-Finmap datum (differences of up to 4 meters). There have also been problems with the discharge data. Many of the discharges measurements are of little use both because of the low discharges observed in some rivers and the initially poor reliability of the instrument used by the BWDB (this was subsequently changed on the advice of the FAP3 team).

4.2 Topographical Survey.

The linkage of the temporary bench marks and the reference BWDB or SoB bench marks was done separately by BWDB and FAP3 survey teams in order to obtain reliable results.The topographical survey carried by FAP3 was based on using the newly installed SoB-Finmap bench marks, and was double checked using two different levelling instruments with closing back to the bench mark, and when possible two different reference bench marks.
It is well known that BWDB and SoB bench mark networks show a significant discrepancy. Nevertheless, the height differences observed for each station are cause for great concern (see table T.2).
All the temporary bench marks level and water level presented in this report correspond to FAP3 survey result.

4.3 Water Levels.

Mean daily water level are presented in annexes for the ten observed stations.
These data can be considered of a good quality,(except the problem of reference level), as no significant problems regarding level readings were observed during the frequent checks during the monsoon (each station was visited at least once a fortnight).

4.4 Discharges

Unfortunately, 1992 was exceptionally dry and many discharge survey was unsuccessful owing to the flow velocity being lower than the sensitivity of the instruments.

Many stations may be affected by back water, but this cannot fully explain the scattering of values observed on the stage discharge curve for each station.

Some surveys were unsuccessful because of the poor quality of the current meter used by the BWDB Hydrology Department observers. This was noted by the FAP 3 monitoring team and subsequently corrected. The analysis of the flow measurement table shows that for many observations the current meter fails to register at the 0.8 point while the velocity at 0.2 depth point was being recorded as being up to 0.5 m/s.

Finally, an attempt has been made to drawn up rating curves for each station. These have found to be inconclusive. Nevertheless, experience from the SWMC has shown that the water levels alone are of considerable use in improving the calibration of the models.

5 CONCLUSIONS AND RECOMMENDATIONS

The hydrological survey has helped in improving the understanding of the Bhuapur-Gopalpur region and the data is to be incorporated both in the SWMC, North Central Regional Model (NCRM) and will be available for future incorporation into the planned sub-regional model under the proposed FAP3.2
It is to be hoped that the gauging stations will be maintained for further monitoring in the 1993 season, and the following recommendations are made toward improving the quality of data.

5.1 Number of Measurements

- The measurements should start at the latest in early June and carry onto November to cover the whole monsoon.
- Discharges should be measured weekly ; many stations being affected by backwater effect, it is not practicable to derive a standard rating curve from observed discharges.

5.2 Topographical Survey

- Discrepancies between SoB and BWDB bench marks will remain as long as BWDB will not update their topographical data. BWDB policy is to update their data when the whole country is covered by a topographical survey as occurred under FAP18. Meanwhile, topographical survey under BWDB will continue to refer to the old BWDB bench marks. It is therefore necessary to continue to carry out independent topographical survey to ensure a reliable value as a reference for water levels.
- To ensure correct linkage between hydrological stations temporary bench marks and references bench marks, it is preferable to install stations close to the SoB bench marks, if practicable.
- Global Positioning System (GPS) should be used to ensure an accurate geo-referencing location of gauging stations.

5.3 Data Post Processing

Problems were encountered with the current meters during the discharges survey. These problems can lead to inconsistencies in the data which can be detected only if the "Flows Measurements Tables" and the "Flow Computations Tables" are available. It is necessary to check the field data before using the discharges survey.

5.4 Comments on the Stations

Some of the stations were found to give more useful results than others, and the following recommendations are made for further studies in forthcoming seasons :

S1 : Discharge survey should be monitored during future monsoon. Only water level was measured in 1992.

S2 : Discharge survey should be monitored during future monsoon. Only water level was measured in 1992.

S3 : This station should be moved and re-sited in the proximity of the 5807 FM bench mark.

S4 : This station should be removed. The North Nanglai river is now closed.

S6 : Discharge measurement is not necessary at this point, Sakharia regulator being closed during the monsoon.

SG8: This station should be transferred to the Tangail-Bhuapur road at the crossing of the Pungli river. There is an SoB bench mark close to the bridge and the present location of the station is too far from any bench mark.

NORTH CENTRAL REGIONAL STUDY, FAP-3
HYDROLOGICAL STUDIES - 1992
STATIONS PARAMETERS

Code	Name	River	Coordinates	Map Sheet	TBM Level	Reference SoB Bench Marks	
					m (PWD)	Code	m (PWD)
S1	Paterghata	Bangshi	24d 10.538' N 90d 07.156' E	78 L/4	10.47	FM 6111 FM 6112	7.5317 10.6049
S2	Basai	Nanglai	24d 13.316' N 90d 02.000' E	78 L/4	10.25	FM 6108	10.7647
S3	Dhalapara	Bangshi	24d 27.865' N 90d 04.791' E	78 L/3	11.03	FM 5807	11.3518
S4	Ichapur	Nanglai	24d 21.588' N 89d 56.841' E	78H/15	12.10	SOB 22	11.2089
S5	Bhuapur Reg.	Futikjani	24d 28.323' N 89d 52.803' E	78H/15	13.48	FM 5107 FM 5108	13.2937 13.1996
S6	Sakharia	Boalbari Khal	24d 33.458' N 89d 49.822' E	78H/14	14.82	SOB 742 FM 5111	14.8136 13.8483
SG2	Kayra	Jhenai	24d 40.133' N 89d 55.831' E	78H/14	14.77	FM 5505 FM 5506	15.0670 14.6104
SG5	Belua Bazar	Atai (Jhenai)	24d 33.630' N 89d 52.775' E	78H/14	13.56	FM 5111	13.8483
SG7	Charan	Sapa (Fatikjani)	24d 22.033' N 90d 00.986' E	78L/3	12.61	FM 6101	10.9031
SG8	Surooi	Pungli	24d 17.142' N 89d 57.294' E	78H/15	11.14	SOB 636	11.2700

Notes : Coordinates were measured with a GPS.

NORTH CENTRAL REGIONAL STUDY, FAP-3
HYDROLOGICAL STUDIES - 1992
TOPOGRAPHICAL SURVEY

Stations			Temporary Bench Marks		
Code	Name	River	BWDB Survey Level m(PWD)	FAP3 Survey Level m(PWD)	Differences m
S1	Paterghata	Bangshi	11.09	10.47	-0.62
S2	Basai	Nanglai	10.48	10.25	-0.23
S3	Dhalapara	Bangshi	11.54	11.03	-0.51
S4	Ichapur	Nanglai	12.37	12.10	-0.27
S5	Bhuapur Reg.	Futikjani	13.62	13.48	-0.14
S6	Sakharia	Boalbari Khal	10.50	14.82	+4.32
SG2	Kayra	Jhenai	15.89	14.77	-1.12
SG5	Belua Bazar	Atai (Jhenai)	9.47	13.56	+4.09
SG7	Charan	Sapa (Fatikjani)	13.05	12.61	-0.45
SG8	Surooi	Pungli	10.94	11.14	+0.20

NORTH CENTRAL REGIONAL STUDY, FAP-3
HYDROLOGICAL STUDIES - 1992
DISCHARGE SURVEY

Date	S3 Dhalapara		
	Water Level	Discharge	Note
27/07/1992	9.12	18.30	
10/08/1992	9.08	20.82	(1)
24/08/1992	8.25	13.70	
07/09/1992	8.52	3.01	(1)
21/09/1992	8.46	9.02	(1)
05/10/1992	9.28	34.44	
19/10/1992	8.88	36.33	
03/11/1992	7.28	14.76	

Date	S4 Ichapur		
	Water Level	Discharge	Note
15/07/1992	9.42	0.00	
29/07/1992	9.29	0.00	
12/08/1992	9.51	0.00	
26/08/1992	9.10	0.00	
08/09/1992	9.27	0.00	(2)
09/09/1992	9.23	0.00	
23/09/1992	9.19	0.00	
07/10/1992	9.65	0.00	
21/10/1992	9.21	0.00	

Date	S5 Bhuapur		
	Water Level	Discharge	Note
18/07/1992	10.87	38.89	
01/08/1992	10.63	23.10	
15/08/1992	10.01	36.98	
29/08/1992	10.53	53.39	
12/09/1992	10.20	27.71	
26/09/1992	10.41	25.32	
10/10/1992	9.83	3.71	
20/10/1992	9.48	0.00	(2)
24/10/1992	9.35	0.04	

Date	S6 Sakharia		
	Water Level	Discharge	Note
16/07/1992	12.58	4.24	
30/07/1992	12.26	0.00	
11/08/1992	12.27	0.00	(2)
13/08/1992	12.06	0.00	
27/08/1992	12.23	0.00	
10/09/1992	11.98	0.00	
24/09/1992	12.38	0.00	
08/10/1992	12.04	0.00	
22/10/1992	12.19	0.00	

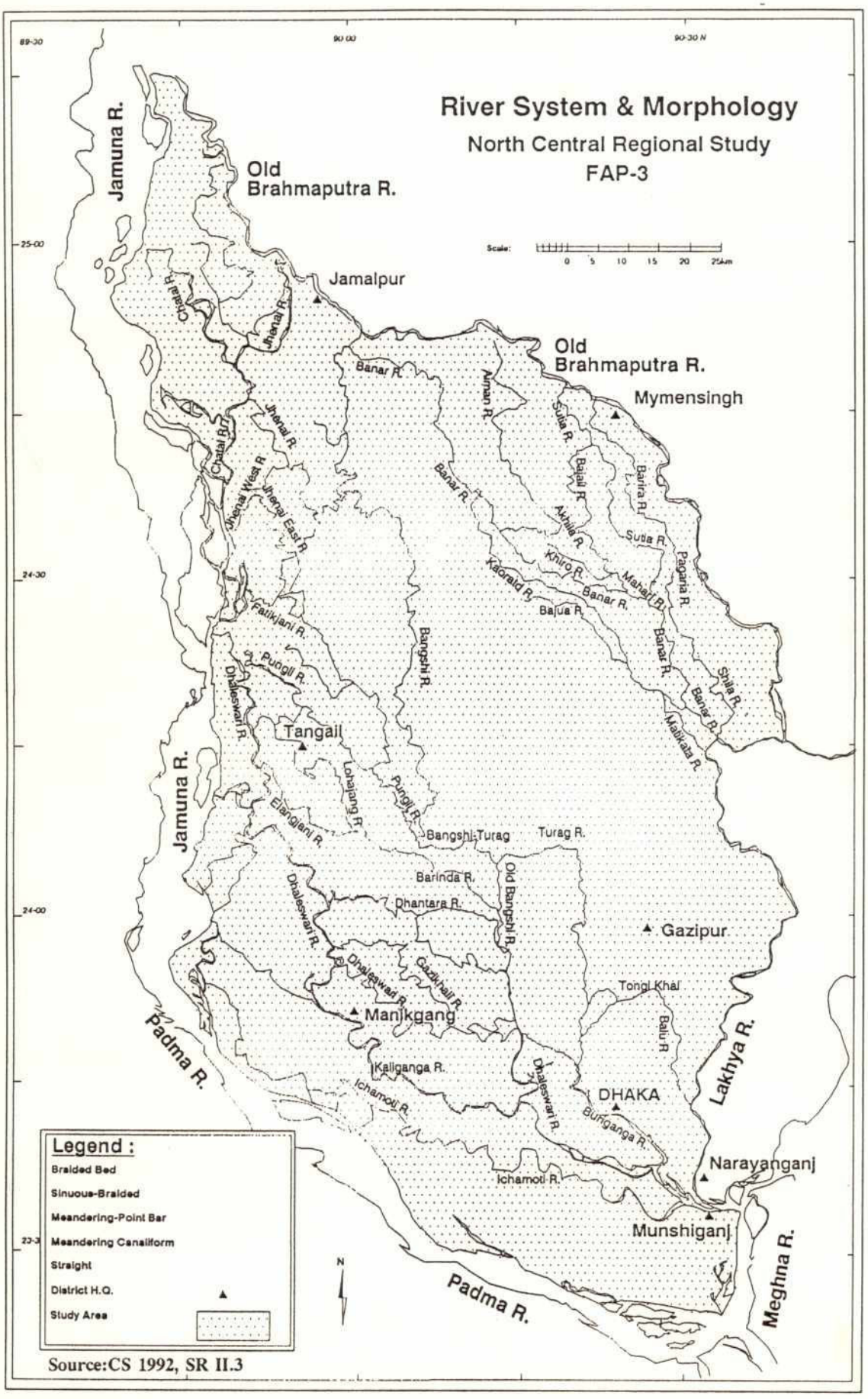
Date	SG2 Kayra		
	Water Level	Discharge	Note
25/07/1992	12.61	8.19	
08/08/1992	12.74	10.01	
22/08/1992	11.89	2.35	
05/09/1992	12.45	6.06	
19/09/1992	12.17	3.30	
03/10/1992	12.03	4.17	
17/10/1992	11.58	8.00	
31/10/1992			

Date	SG5 Belua Bazar		
	Water Level	Discharge	Note
26/07/1992	11.23	39.56	
09/08/1992	11.27	31.32	(1)
23/08/1992	10.20	17.12	
06/09/1992	11.09	28.30	
20/09/1992	10.70	28.64	
04/10/1992	10.69	21.44	
18/10/1992	10.04	17.14	
01/11/1992	9.15	0.00	

Date	SG7 Charan		
	Water Level	Discharge	Note
15/07/1992	9.79	77.72	
29/07/1992	9.77	65.97	
12/08/1992	9.74	61.13	
26/08/1992	9.27	56.18	
09/09/1992	9.46	54.55	
22/09/1992	9.45	66.97	(2)
23/09/1992	9.48	65.49	
07/10/1992	9.55	68.48	
21/10/1992	9.00	22.26	
01/11/1992	8.42	5.29	

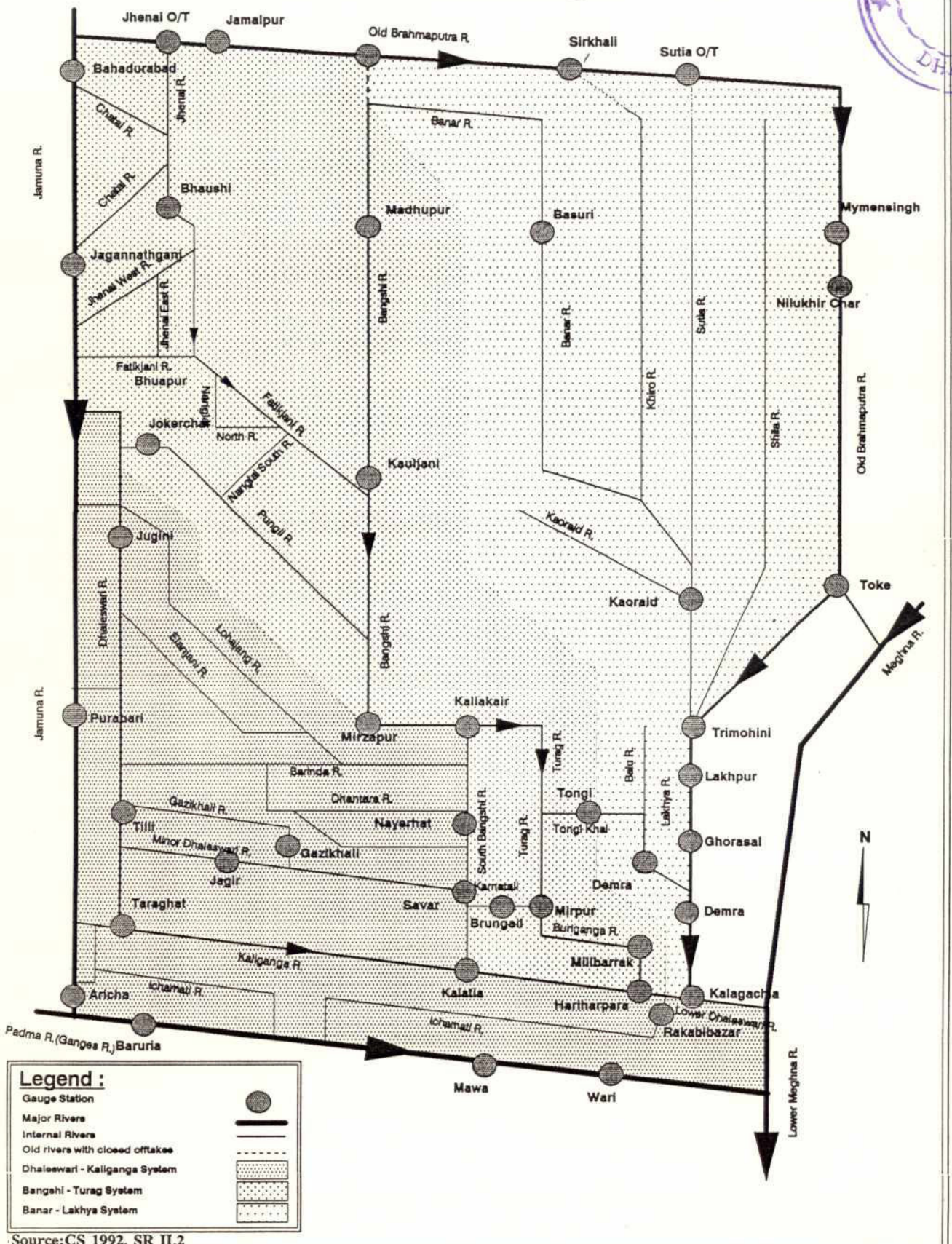
Date	SG8 Surooi		
	Water Level	Discharge	Note
17/07/1992	9.50	139.31	
31/07/1992	9.23	120.87	
14/08/1992	9.07	89.15	(1)
28/08/1992	9.20	136.43	
11/09/1992	8.85	99.56	
25/09/1992	9.15	100.97	
09/10/1992	8.57	53.61	
23/10/1992	8.25	44.46	

Notes :
(1) Unreliabe data. They present unconsistent velocity for some verticals
(2) Data collected by Desh Upodesh Ltd surveyors
(3) Water Level correspond to FAP3 survey



Source:CS 1992, SR II.3

Schematic Map of the Rivers & Drainage System of the North Central Region



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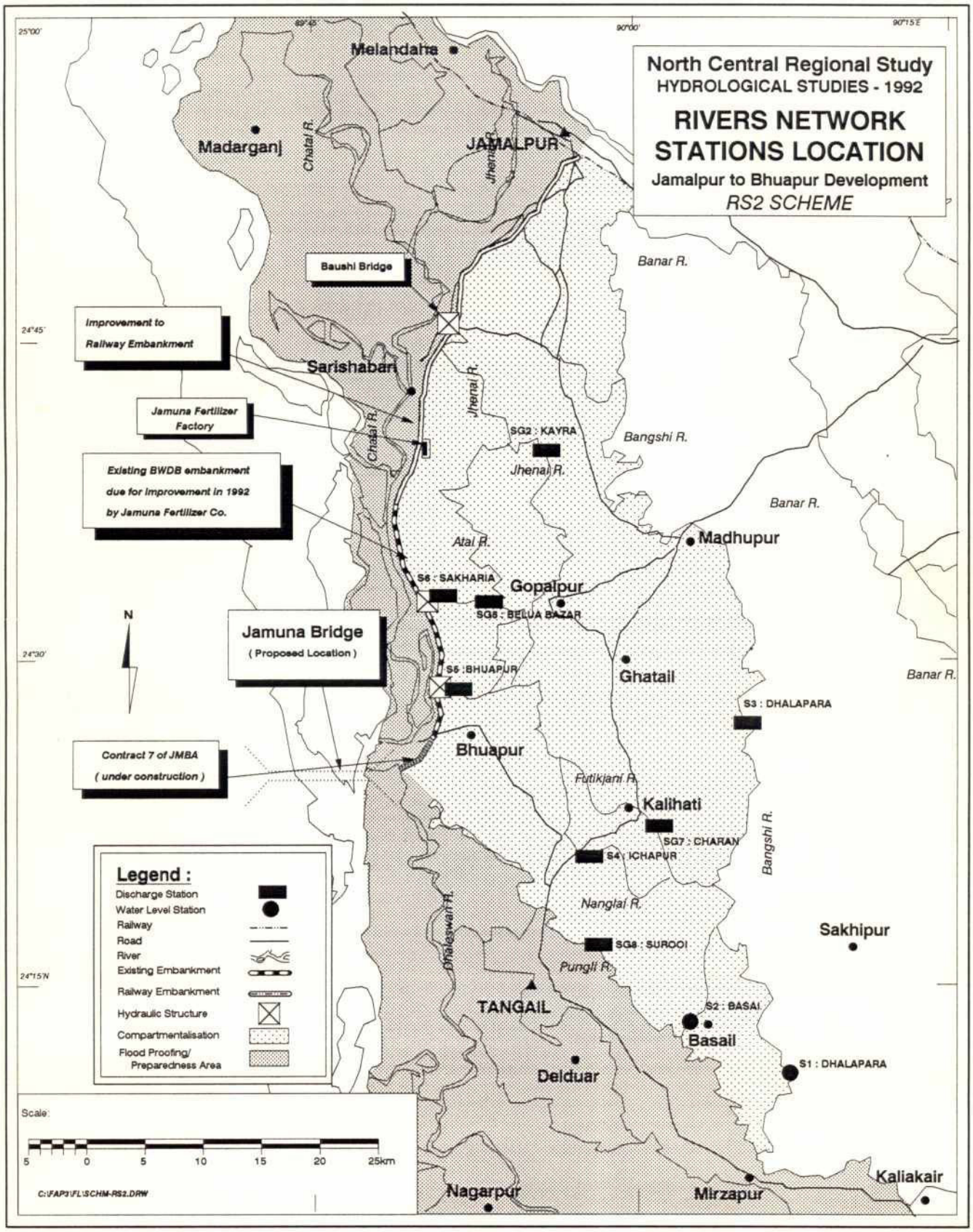
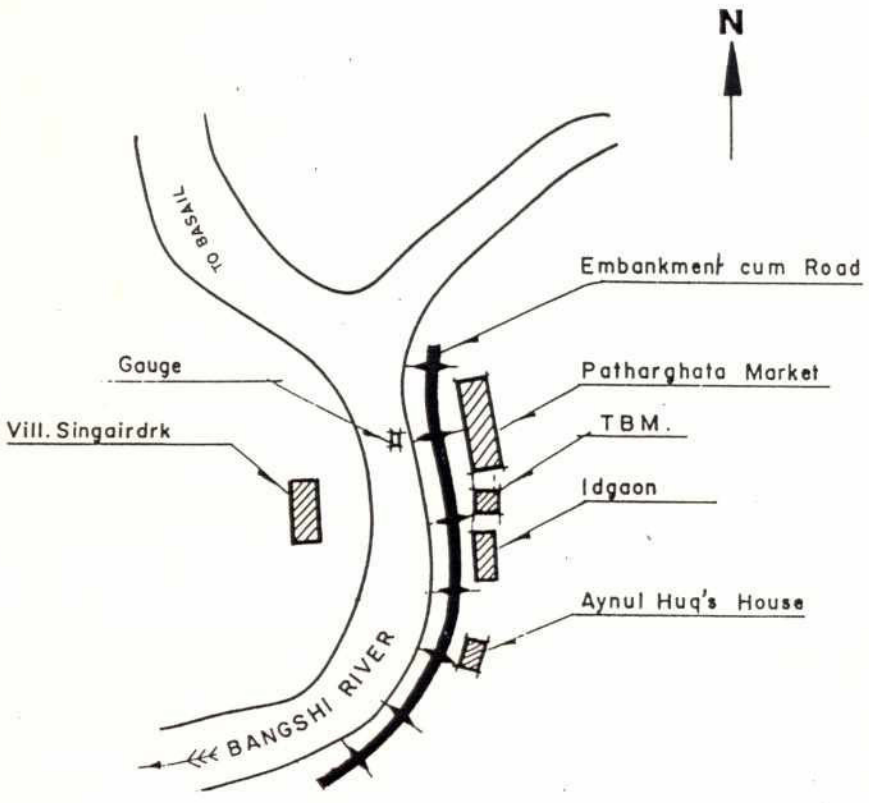

North Central Regional Study
HYDROLOGICAL STUDIES - 1992
RIVERS NETWORK
STATIONS LOCATION
Jamalpur to Bhuapur Development
RS2 SCHEME
Melandaha
Madarganj
JAMALPUR
Chatal R.
Jhenai R.
Baushi Bridge
Improvement to
Railway Embankment
Jamuna Fertilizer
Factory
Existing BWDB embankment
due for improvement in 1992
by Jamuna Fertilizer Co.
Jamuna Bridge
(Proposed Location)
Contract 7 of JMBA
(under construction)
Sarishabari
Chatal R.
Jhenai R.
SG2 : KAYRA
Jhenai R.
Bangshi R.
Banar R.
Madhupur
Atal R.
S6 : SAKHARIA
Gopalpur
SG8 : BELUA BAZAR
S5 : BHUAPUR
Ghatail
Banar R.
S3 : DHALAPARA
Bhuapur
Futikjani R.
Kalihati
SG7 : CHARAN
S4 : ICHAPUR
Bangshi R.
Nanglai R.
Dhaleswari R.
SG6 : SUROOI
Sakhipur
Pungli R.
TANGAIL
S2 : BASAI
Basail
S1 : DHALAPARA
Delduar
Kaliakair
Nagarpur
Mirzapur
N
Legend :
Discharge Station
Water Level Station
Railway
Road
River
Existing Embankment
Railway Embankment
Hydraulic Structure
Compartmentalisation
Flood Proofing/
Preparedness Area
Scale:
5 0 5 10 15 20 25km
C:\FAP3\FL\SCHM-RS2.DRW
25°00'
24°45'
24°30'
24°15'N
89°45'
90°00'
90°15'E

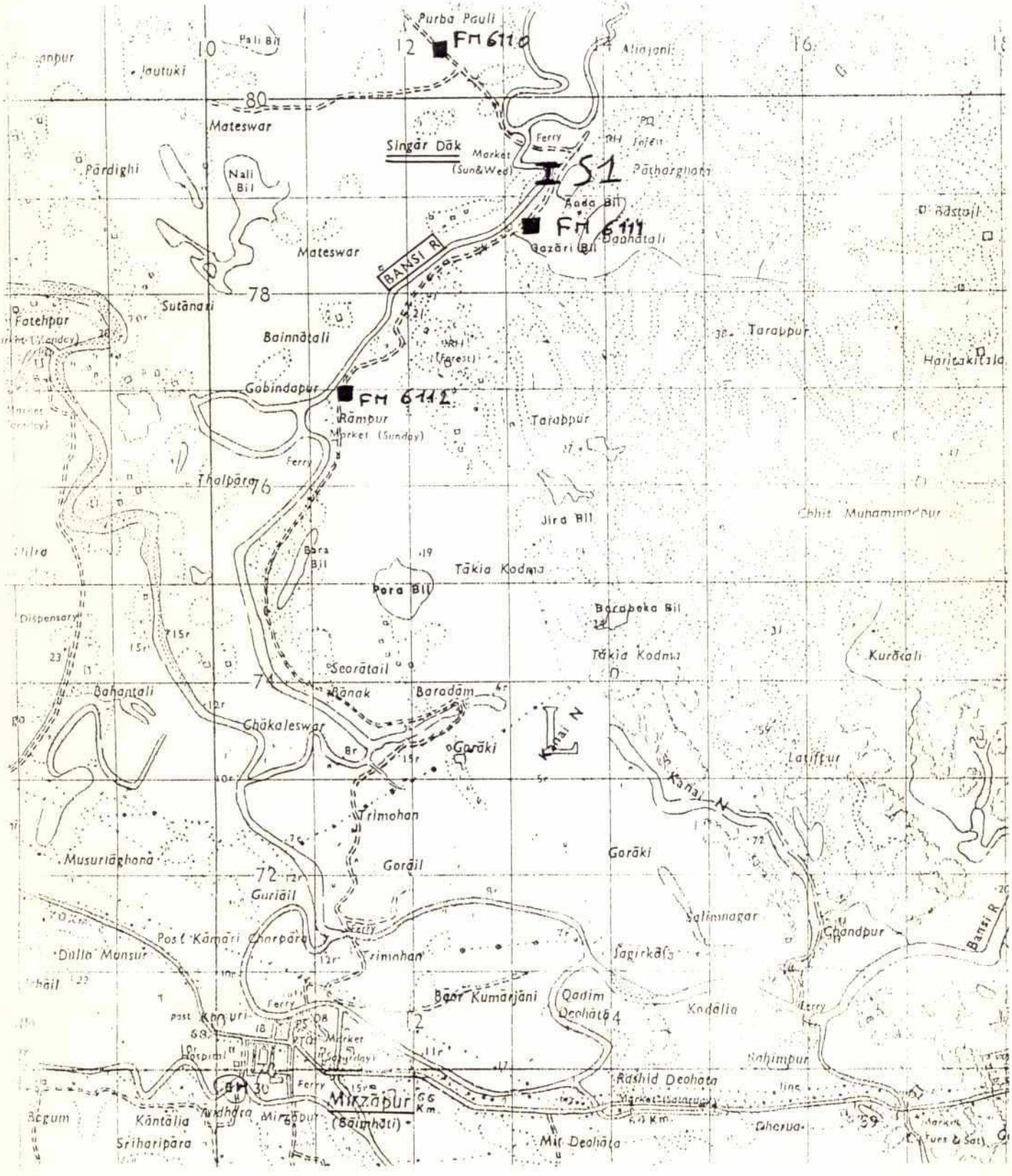
STATION S1 : PATERGHATA
BANGSHI RIVER

1st INSTALLATION :	15/07/1992
STATUS :	Water Level
GRID :	24^ - 10.538' N 90^ - 07.156' E
MAP SHEET :	78 L/4
ACCESS :	By boat from Mirzapur.
TEMPORARY BENCH MARK	10.47 m (PWD)

SKETCH



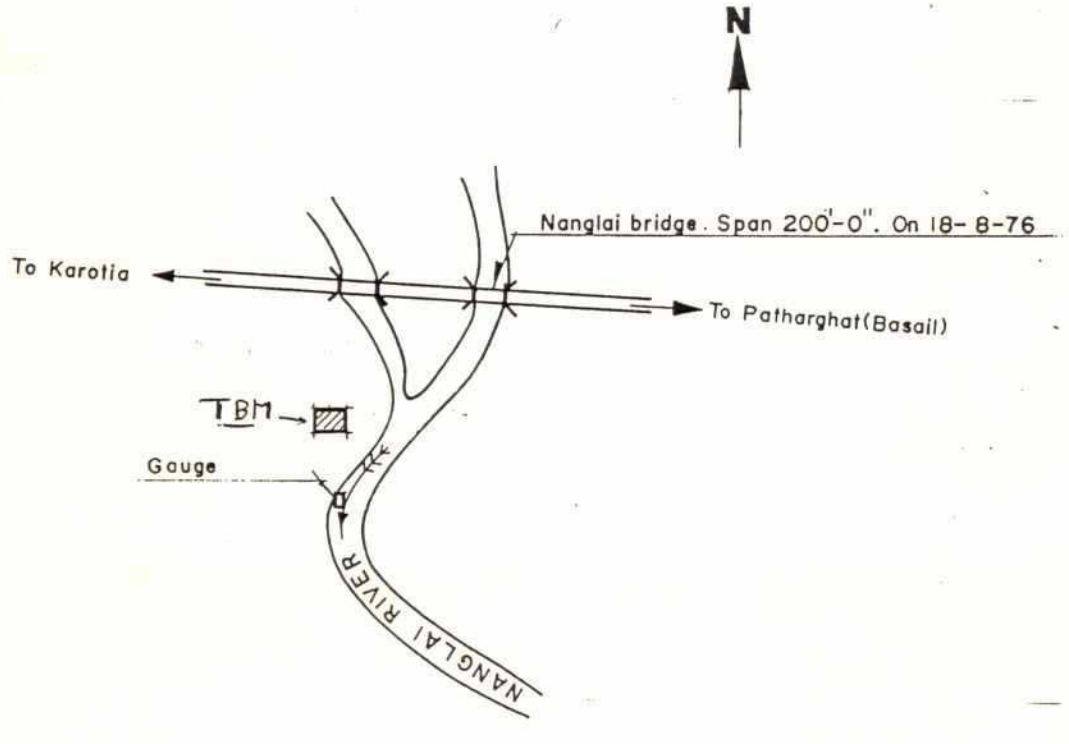
STATION S1 : PATERGHATA
BANGSHI RIVER



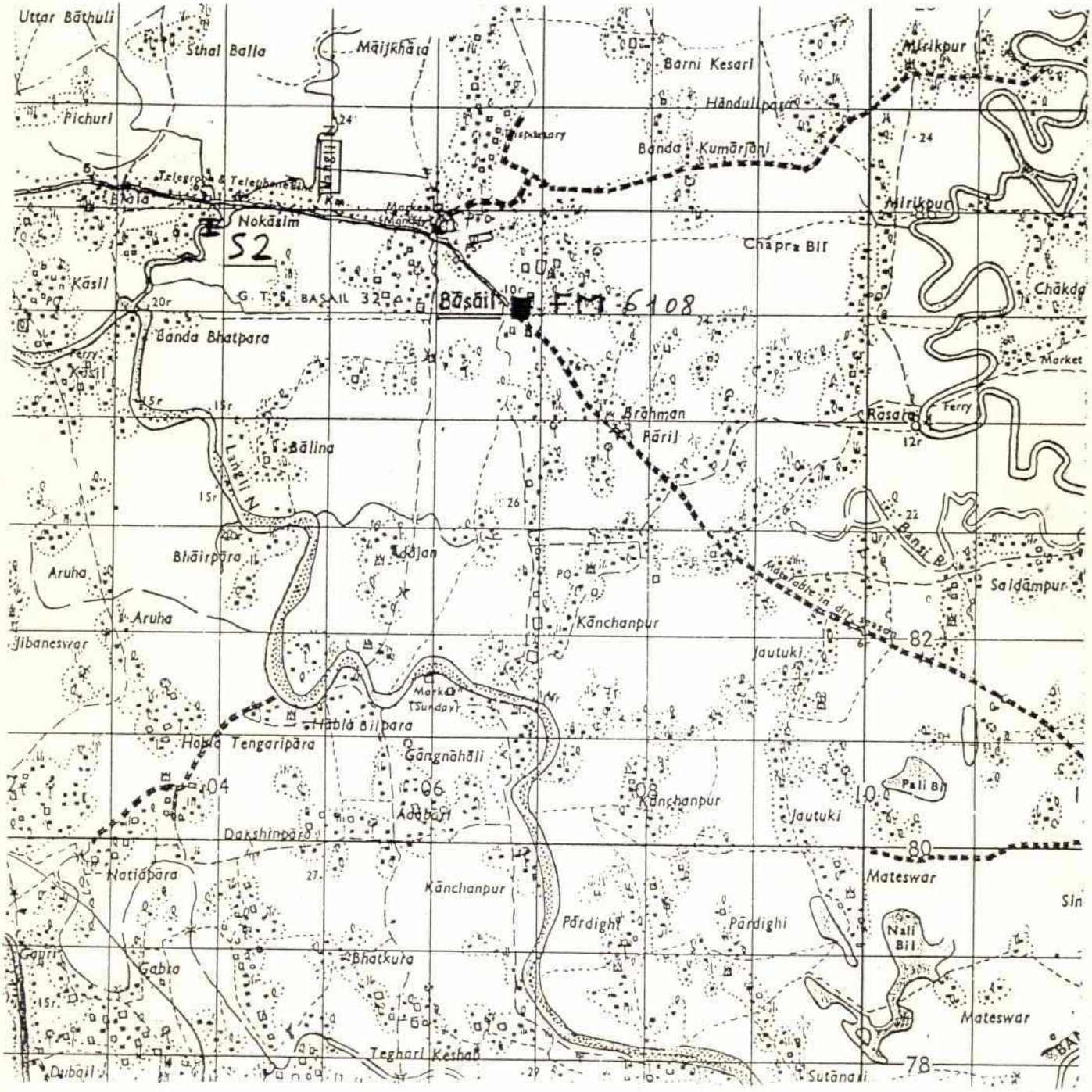
STATION S2 : BASAI
NANGLAI RIVER

1st INSTALLATION :	15/07/1992
STATUS :	Water Level
GRID :	24^ - 13.316' N 90^ - 02.000' E
MAP SHEET :	78 L/4
ACCESS :	By road from Tangail. Then, by local transport after crossing the Pungli river.
TEMPORARY BENCH MARK	10.25 m (PWD)

SKETCH



STATION S2 : BASAI
NANGLAI RIVER



STATION S3 : DHALAPARA
BANGSHI RIVER

1st INSTALLATION : 15/07/1992

STATUS : Water Level and Discharges

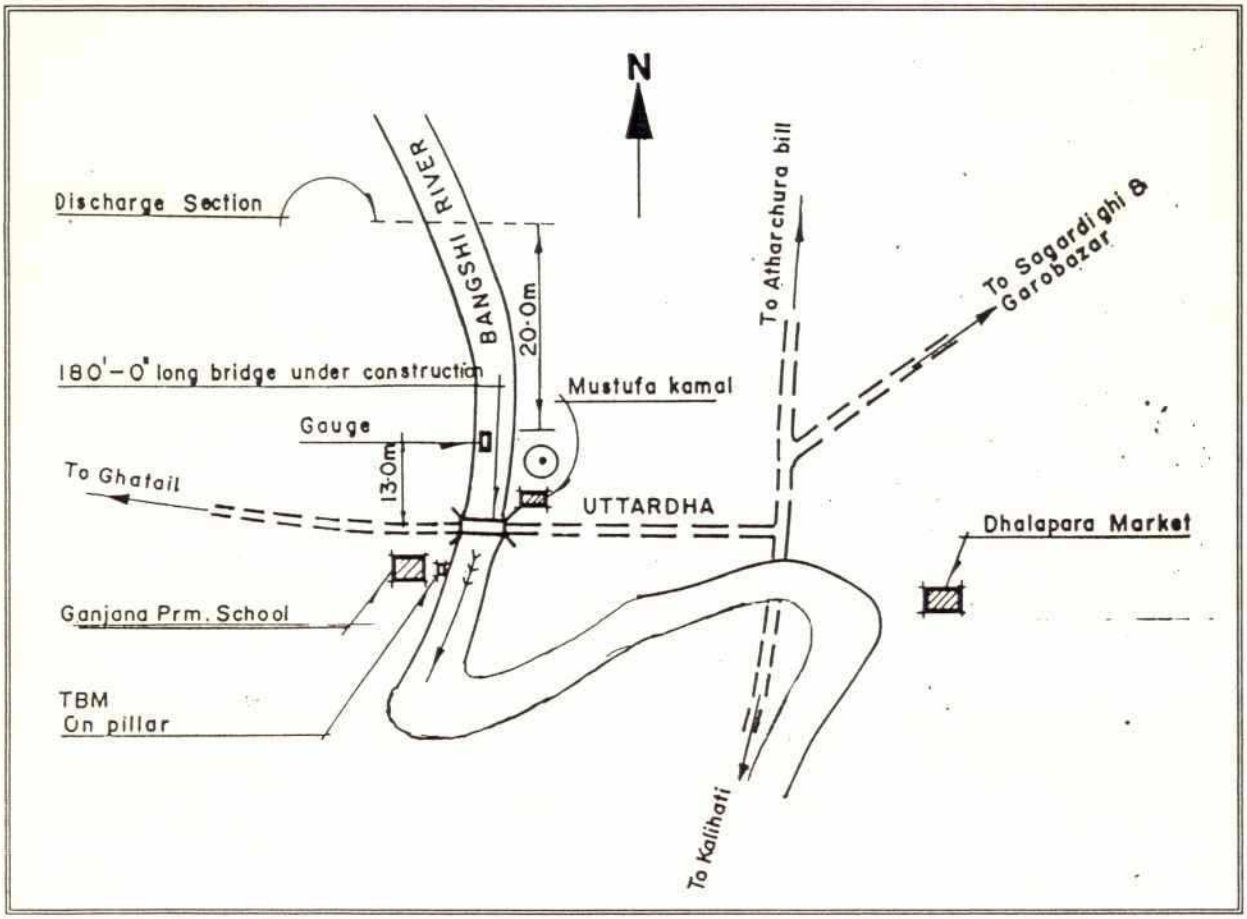
GRID : 24^ - 27.865' N
90^ - 04.791' E

MAP SHEET : 78 L/3

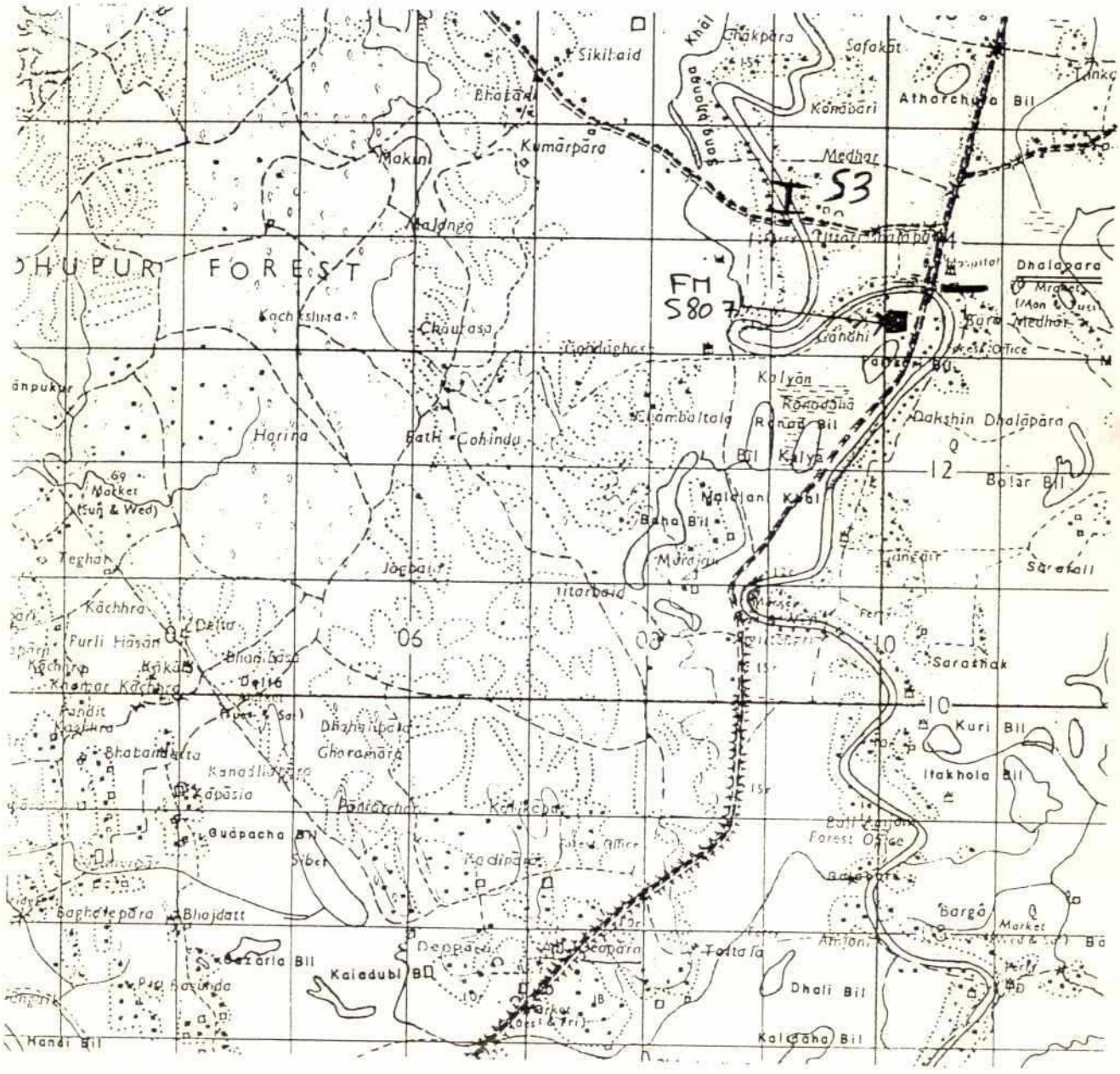
ACCESS : By road from Tangail. The access is very difficult after Gatail

TEMPORARY BENCH MARK 11.03 m (PWD)

SKETCH



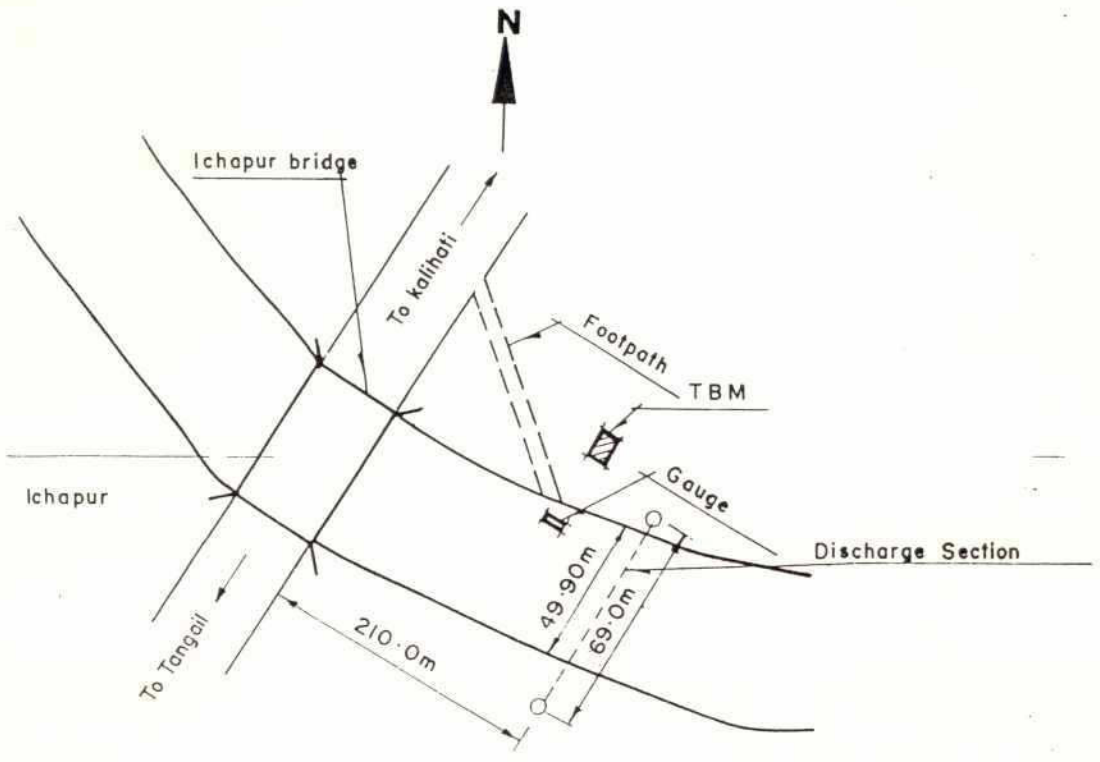
STATION S3 : DHALAPARA
BANGSHI RIVER



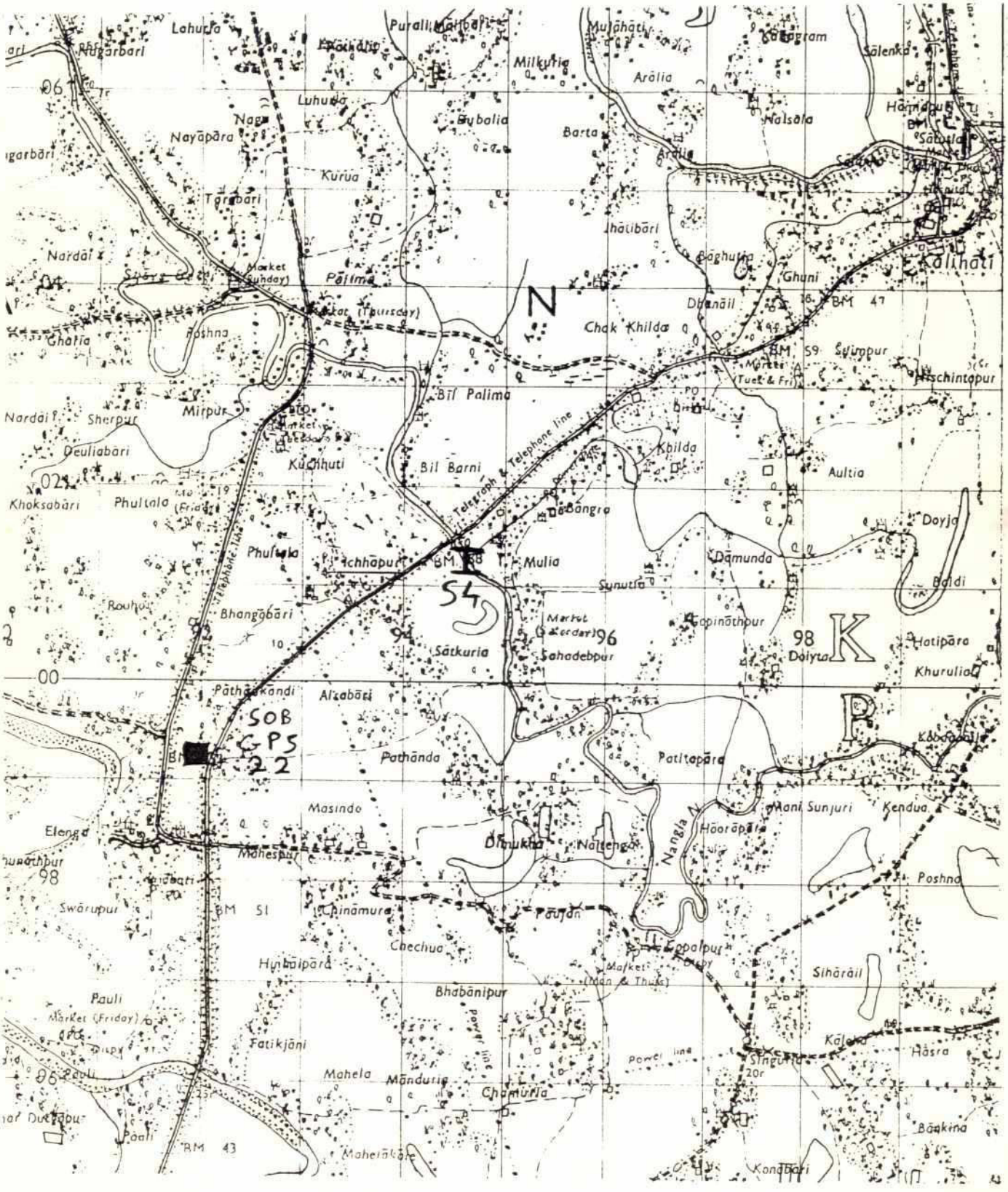
STATION S4 : ICHAPUR
NANGLAI RIVER

1st INSTALLATION :	15/07/1992
STATUS :	Water Level and Discharges
GRID :	24^ - 21.588' N 89^ - 56.841' E
MAP SHEET :	78 H/15
ACCESS :	Easy access by road from Tangail
TEMPORARY BENCH MARK	12.10 m (PWD)

SKETCH



STATION S4 : ICHAPUR
NANGLAI RIVER

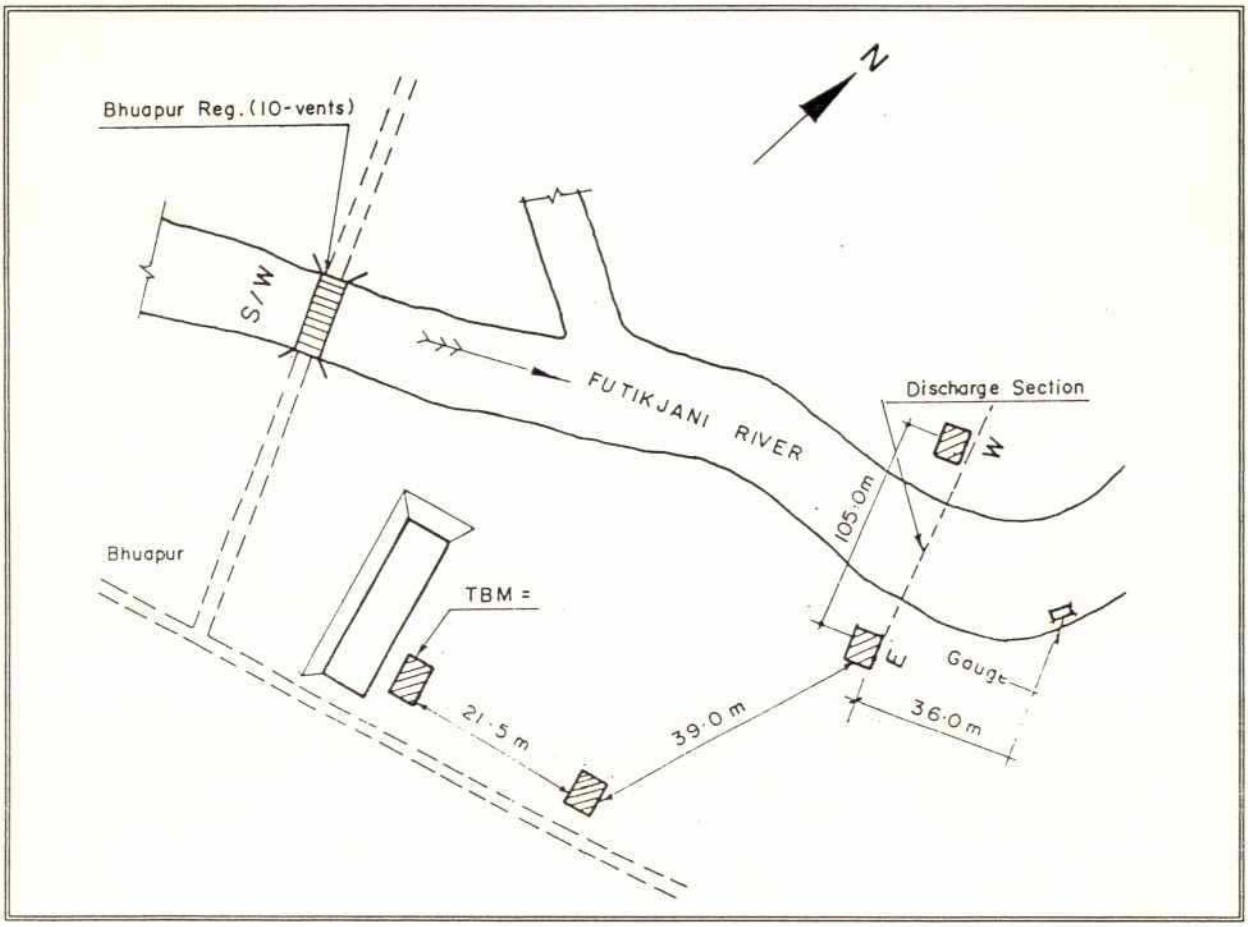


STATION S5 : BHUAPUR REG.
FUTIKJANI RIVER

1st INSTALLATION :	15/07/1992
STATUS :	Water Level and Discharges
GRID :	24 ^ - 28.323' N 89 ^ - 52.803' E
MAP SHEET :	78 H/15
ACCESS :	Easy access by road from Tangail

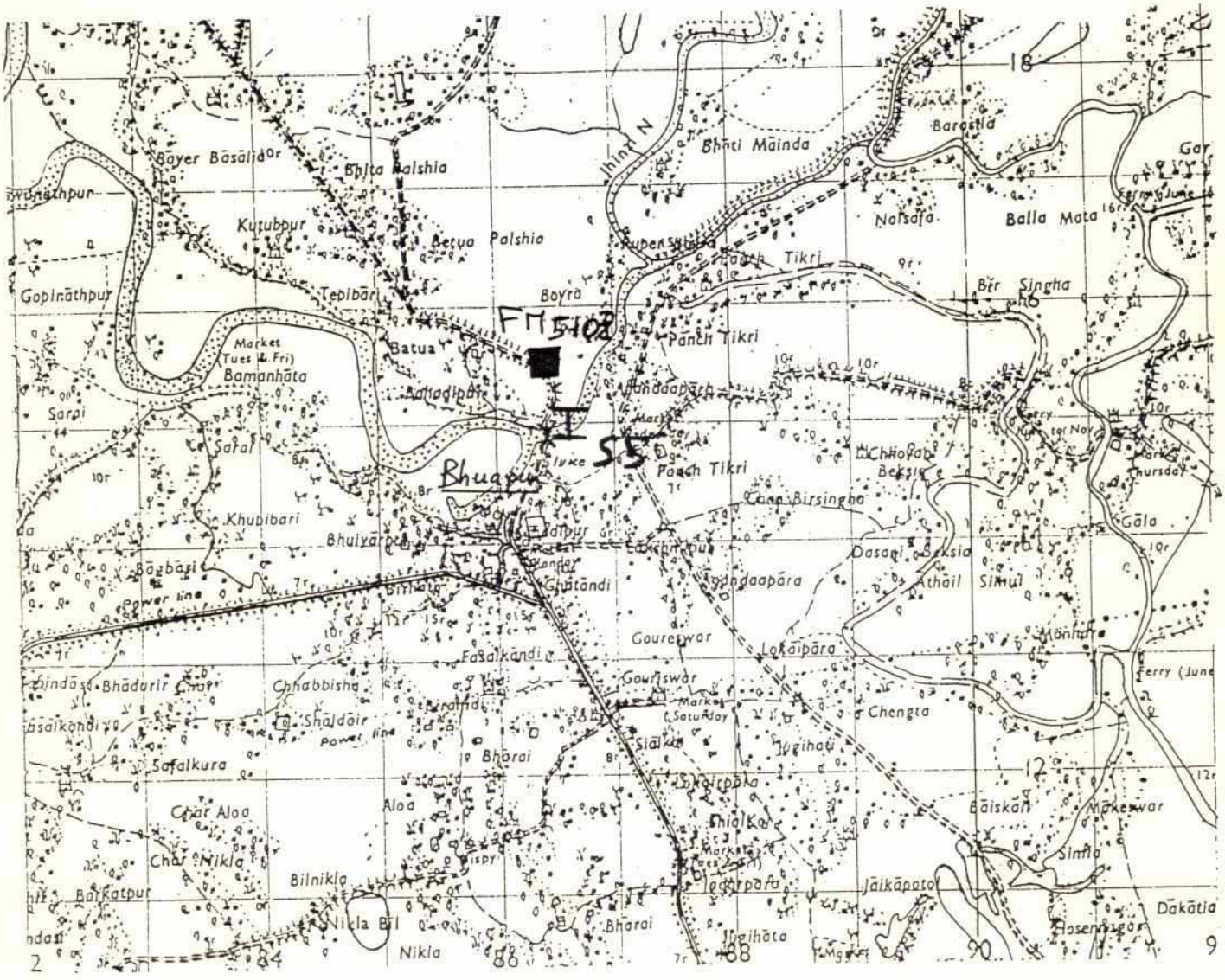
TEMPORARY BENCH MARK 13.48 m (PWD)

SKETCH



STATION S5 : BHUAPUR REG.

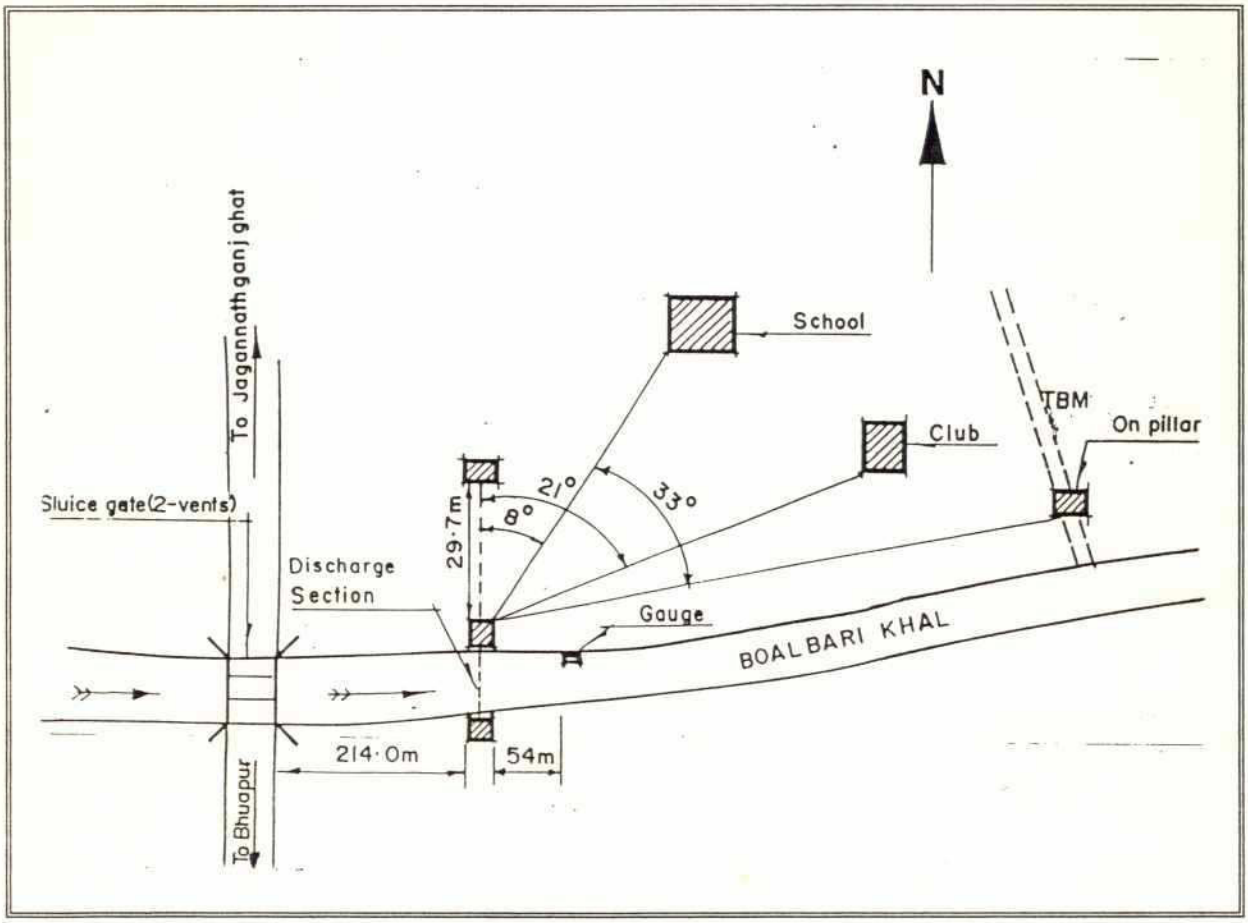
FUTIKJANI RIVER



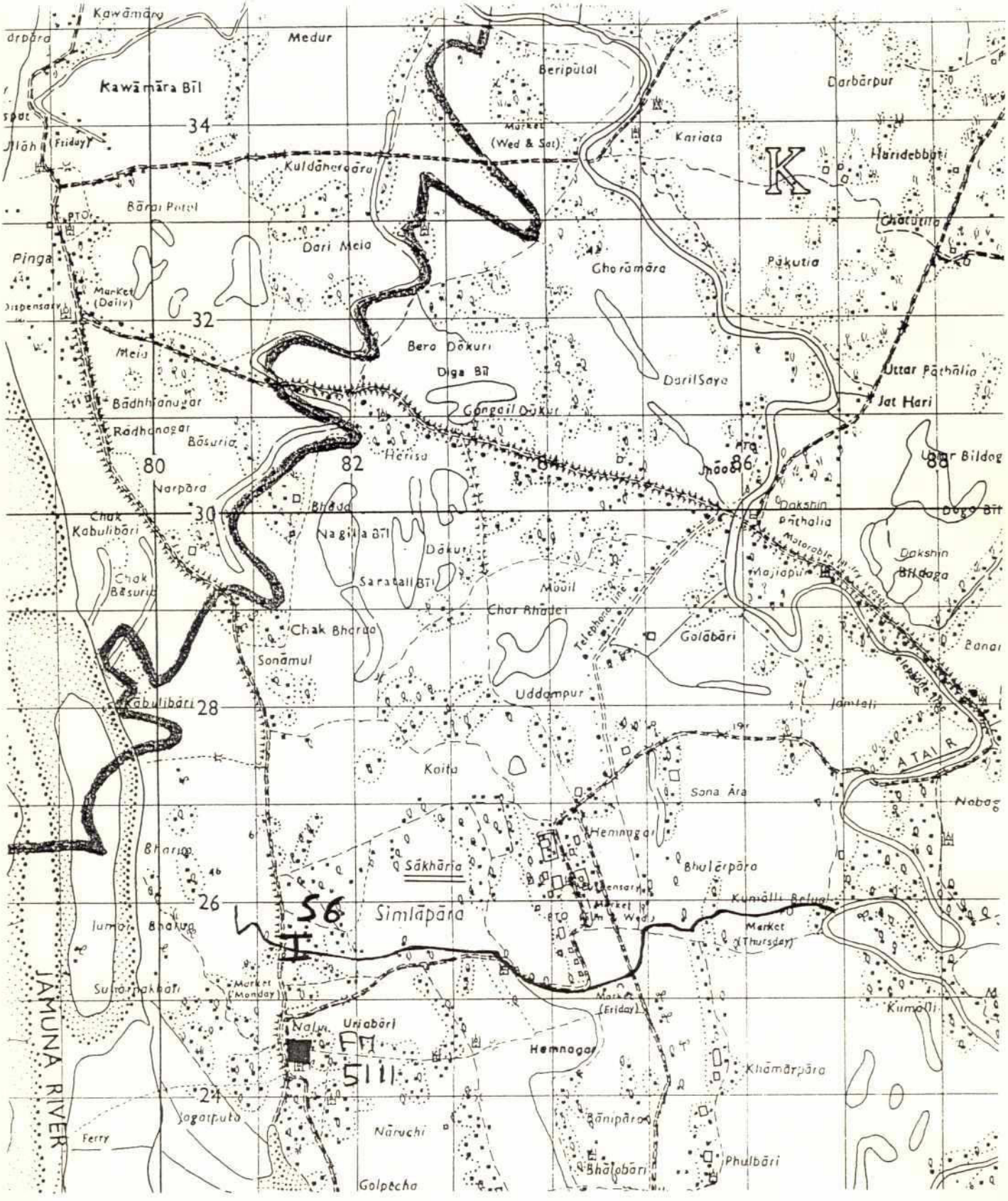
STATION S6 : SAKHARIA
BOALBARI KHAL

1st INSTALLATION :	15/07/1992
STATUS :	Water Level and Discharges
GRID :	24 ^ - 33.458' N 89 ^ - 49.822' E
MAP SHEET :	78 H/14
ACCESS :	By road from Tangail
TEMPORARY BENCH MARK	14.82 m (PWD)

SKETCH



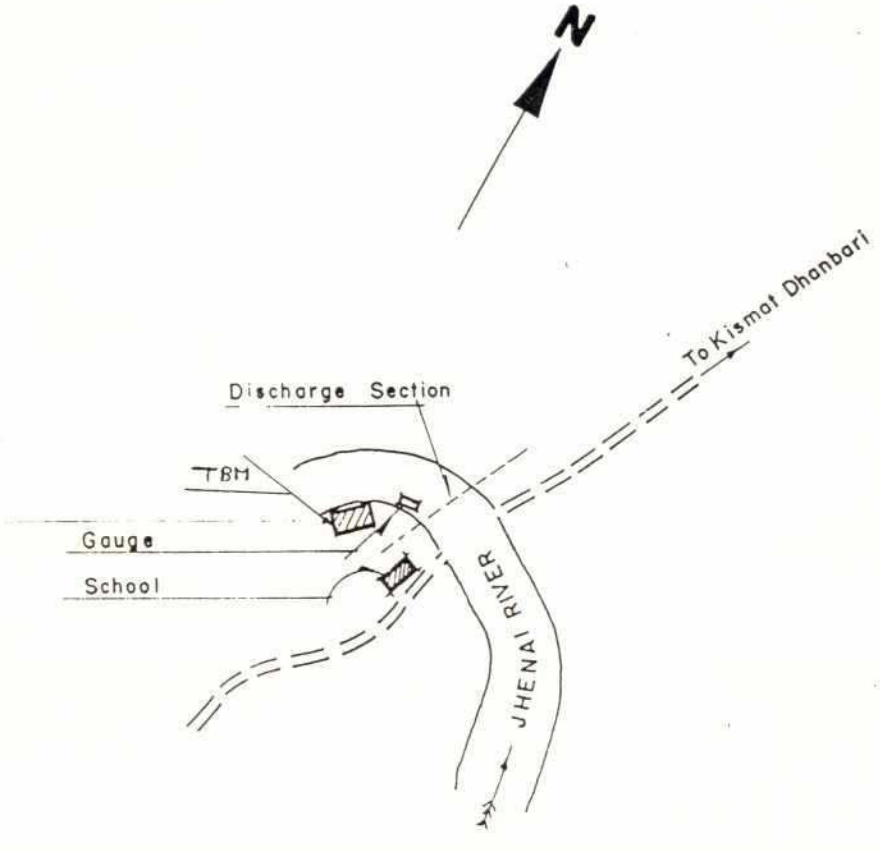
STATION S6 : SAKHARIA
BOALBARI KHAL



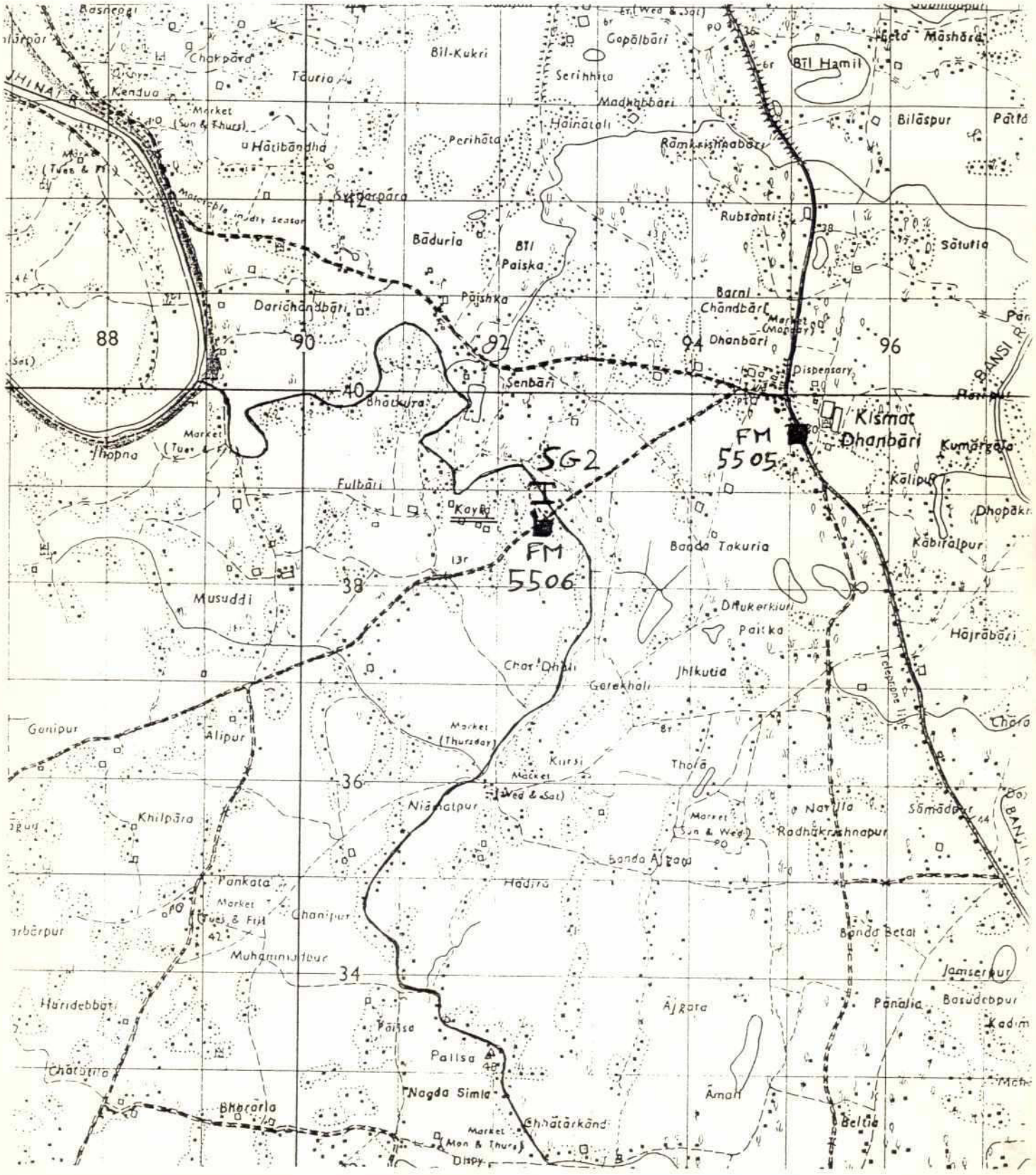
STATION SG2 : KAYRA
JHENAI RIVER

1st INSTALLATION :	08/1992
STATUS :	Water Level and Discharges
GRID :	24^ - 40.133' N 89^ - 55.831' E
MAP SHEET :	78 H/14
ACCESS :	
TEMPORARY BENCH MARK	14.77 m (PWD)

SKETCH



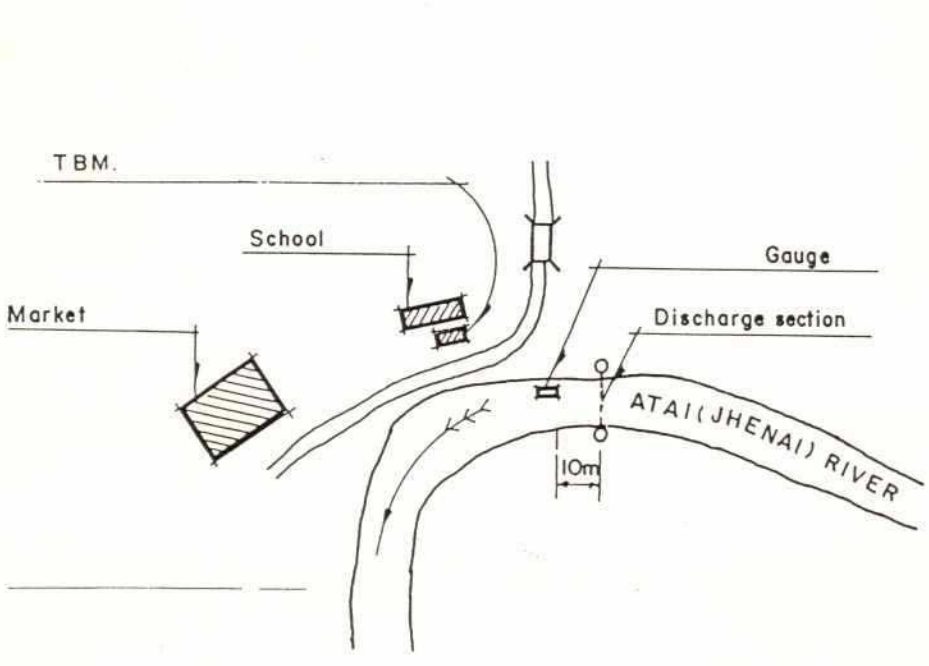
STATION SG2 : KAYRA
JHENAI RIVER



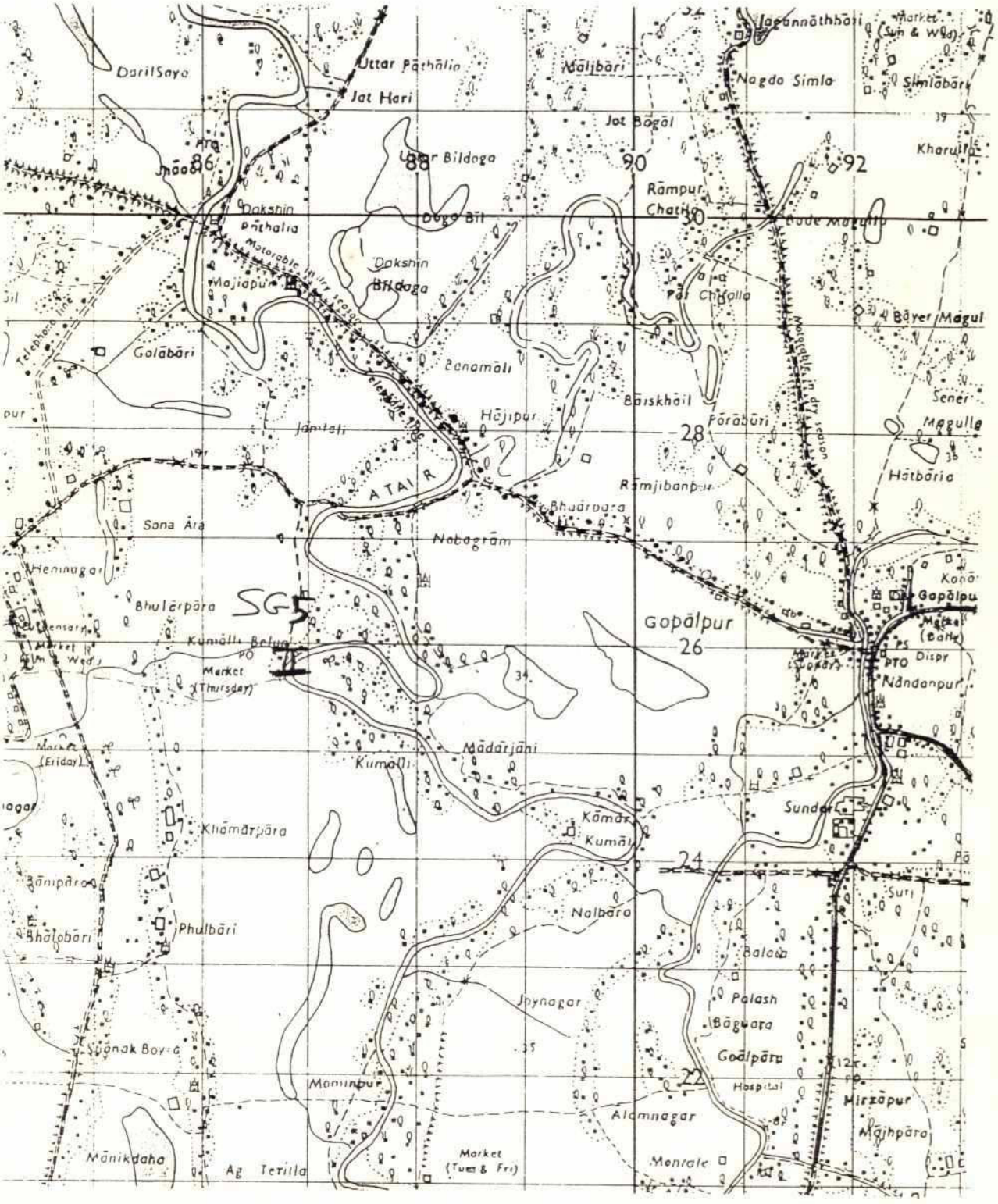
STATION SG5 : BELUA BAZAR
ATAI RIVER

1st INSTALLATION :	08/1990
STATUS :	Water Level and Discharges
GRID :	24 ^ - 33.630' N 89 ^ - 52.775' E
MAP SHEET :	78 H/14
ACCESS :	By road from Tangail then by local transport
TEMPORARY BENCH MARK	13.56 m (PWD)

SKETCH



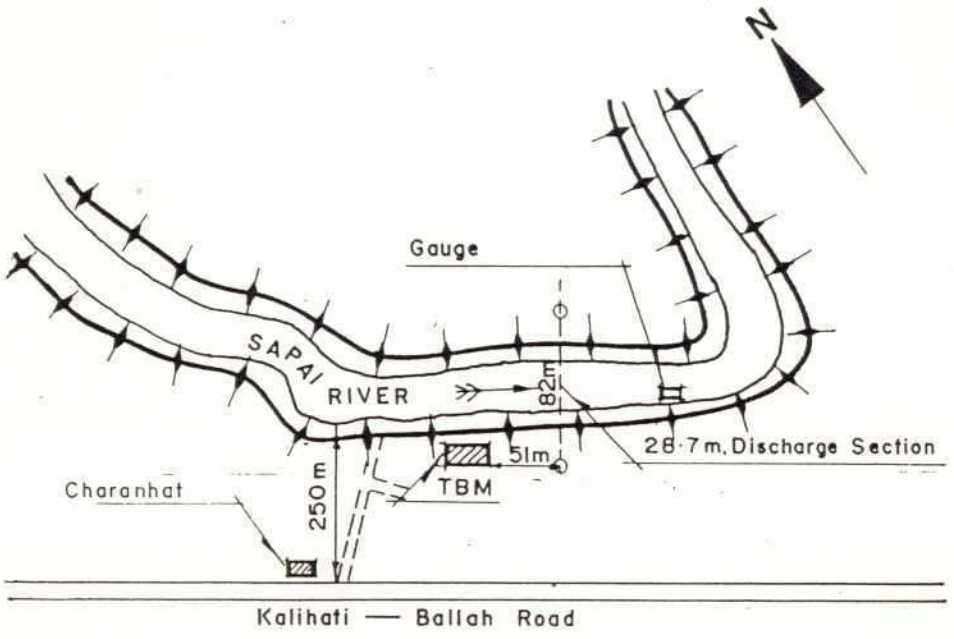
STATION SG5 : BELUA BAZAR
ATAI RIVER



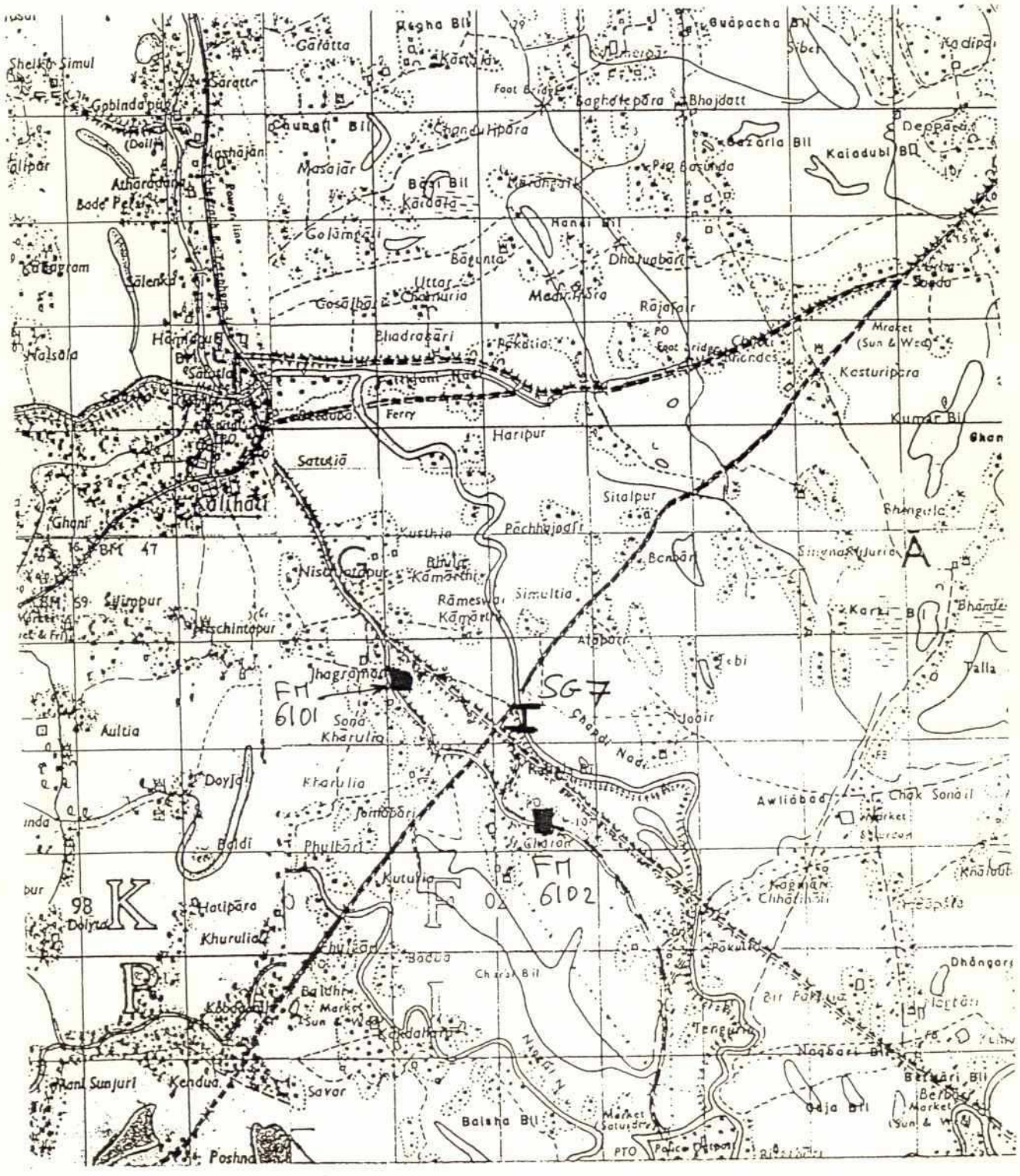
STATION SG7 : CHARAN (KALIATI)
SAPA (FUTIKJANI) RIVER

1st INSTALLATION :	08/1992
STATUS :	Water Level and Discharges
GRID :	24^ - 22.033' N 90^ - 00.986' E
MAP SHEET :	78 L/3
ACCESS :	Easy access from Tangail and Kaliati
TEMPORARY BENCH MARK	12.61 m (PWD)

SKETCH



STATION SG7 : CHARAN (KALIATI)
SAPA (FUTIKJANI) RIVER

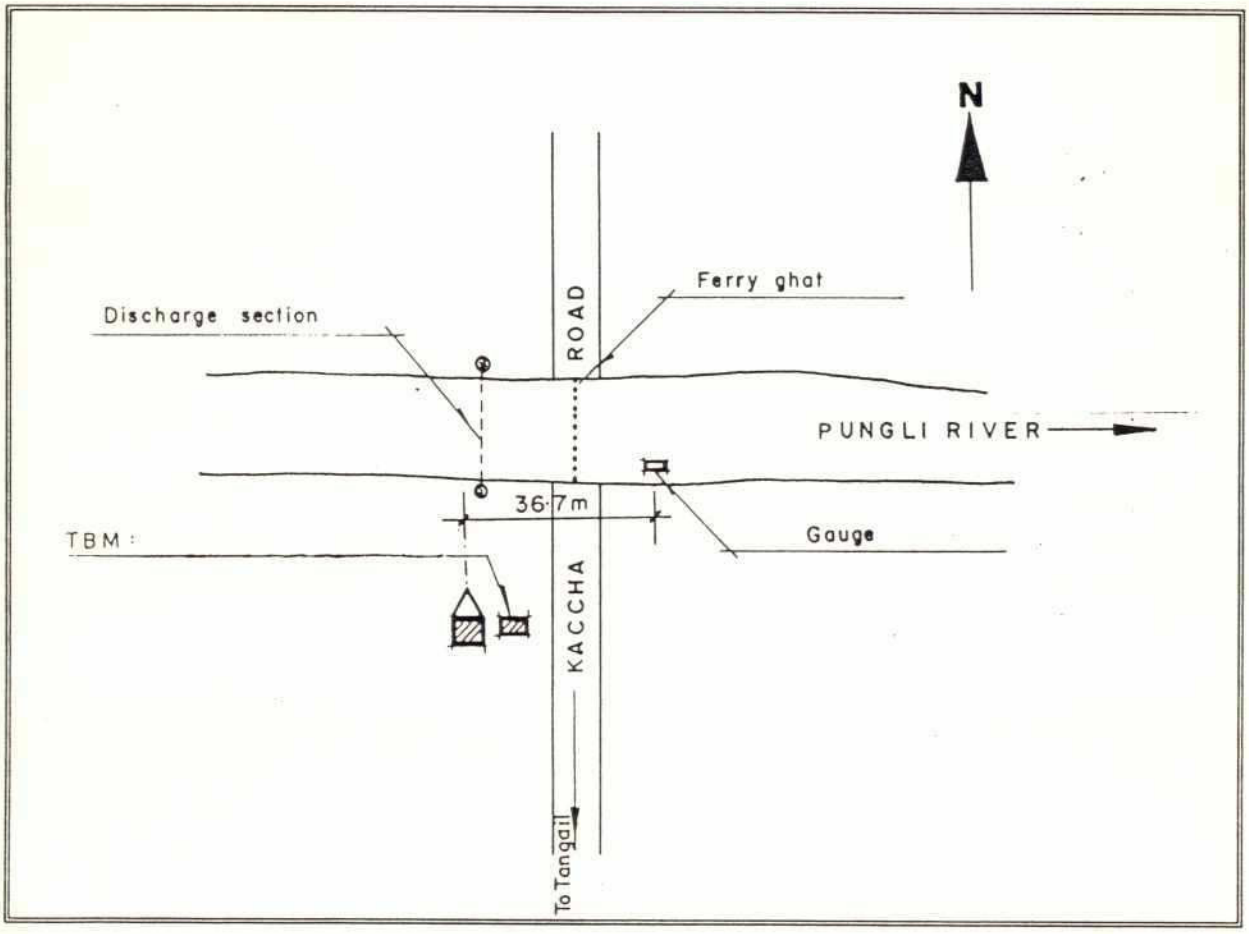


STATION SG8 : SUROOI
PUNGLI RIVER

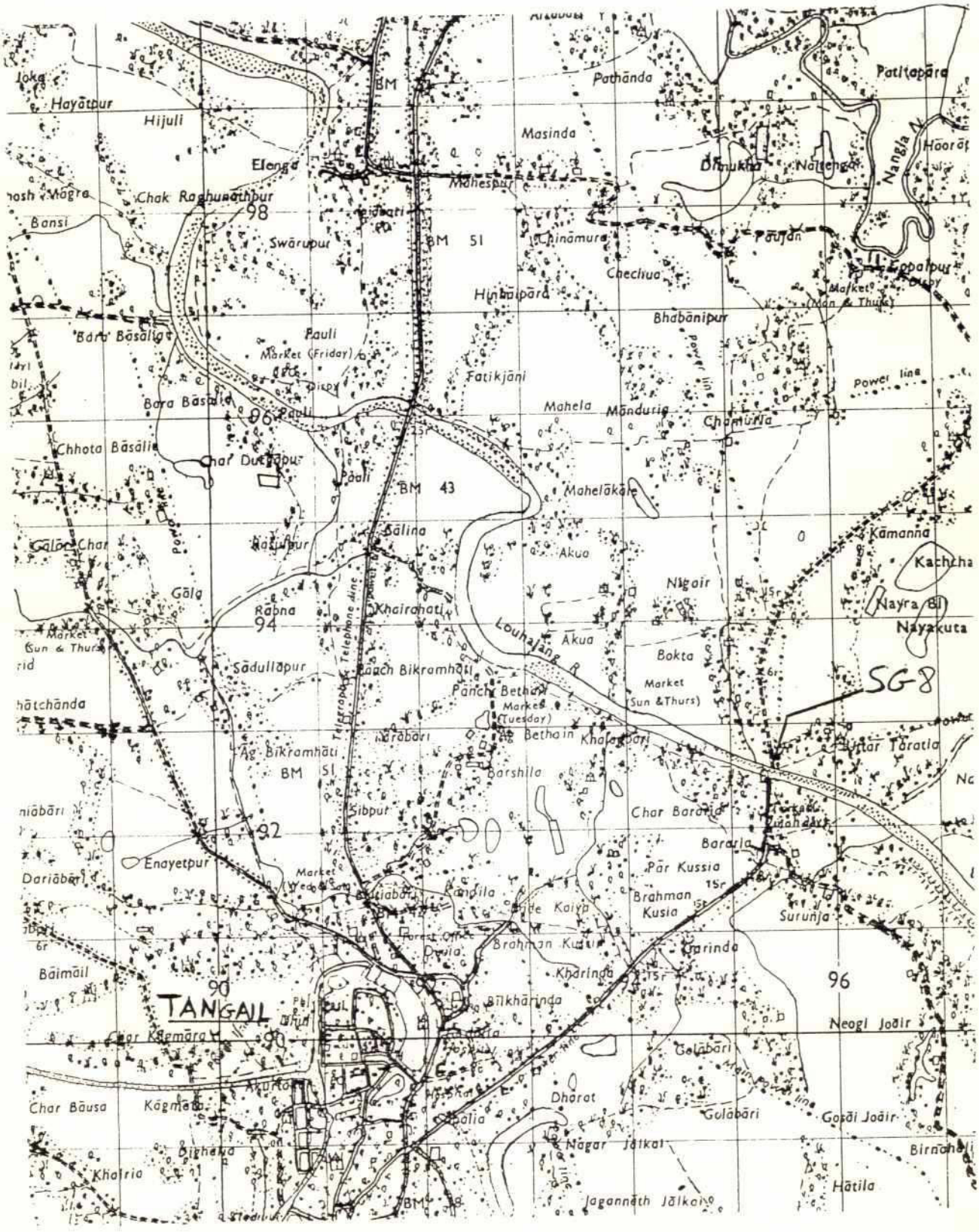
1st INSTALLATION :	08/1992
STATUS :	Water Level and Discharges
GRID :	24 ^ - 17.142' N 89 ^ - 57.294' E
MAP SHEET :	78 H/15
ACCESS :	By road from Tangail. The access is easy

TEMPORARY BENCH MARK 11.14 m (PWD)

SKETCH



STATION SG8 : SUROOI
PUNGLI RIVER



GAUGE READING STATEMENT
Station: S1 PATHERGHATA
River : BANGSHI RIVER
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	6.86	6.86	6.86	6.86	6.87	6.87	6.86	6.86
16	6.86	6.86	6.87	6.87	6.88	6.88	6.86	6.87
17	6.90	6.90	6.90	6.91	6.91	6.91	6.90	6.90
18	6.92	6.93	6.94	6.94	6.93	6.94	6.92	6.93
19	6.93	6.92	6.91	6.91	6.91	6.93	6.91	6.92
20	6.93	6.94	6.94	6.95	6.95	6.95	6.93	6.94
21	6.96	6.95	6.96	6.96	6.96	6.96	6.95	6.96
22	6.99	7.04	7.00	7.00	7.00	7.04	6.99	7.01
23	7.00	7.00	6.97	6.97	6.96	7.00	6.96	6.98
24	6.97	6.99	7.00	7.00	7.00	7.00	6.97	6.99
25	6.97	6.97	6.96	6.96	6.95	6.97	6.95	6.96
26	6.91	6.90	6.89	6.89	6.89	6.91	6.89	6.90
27	6.89	6.89	6.86	6.87	6.87	6.89	6.86	6.88
28	6.84	6.83	6.83	6.82	6.81	6.84	6.81	6.83
29	6.79	6.78	6.77	6.77	6.76	6.79	6.76	6.77
30	6.75	6.74	6.73	6.73	6.72	6.75	6.72	6.73
31	6.71	6.71	6.73	6.73	6.73	6.73	6.71	6.72

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	6.69	6.69	6.68	6.68	6.60	6.69	6.60	6.67
2	6.65	6.65	6.64	6.64	6.63	6.65	6.63	6.64
3	6.63	6.61	6.61	6.61	6.61	6.63	6.61	6.61
4	6.60	6.60	6.59	6.59	6.58	6.60	6.58	6.59
5	6.58	6.58	6.58	6.57	6.57	6.58	6.57	6.58
6	6.57	6.56	6.61	6.63	6.63	6.63	6.56	6.60
7	6.64	6.65	6.65	6.65	6.66	6.66	6.64	6.65
8	6.66	6.67	6.68	6.68	6.69	6.69	6.66	6.68
9	6.70	6.70	6.70	6.70	6.69	6.70	6.69	6.70
10	6.70	6.70	6.70	6.70	6.71	6.71	6.70	6.70
11	6.71	6.70	6.69	6.69	6.68	6.71	6.68	6.69
12	6.68	6.67	6.66	6.66	6.66	6.68	6.66	6.67
13	6.64	6.64	6.63	6.63	6.61	6.64	6.61	6.63
14	6.58	6.58	6.57	6.56	6.54	6.58	6.54	6.57
15	6.53	6.53	6.53	6.52	6.51	6.53	6.51	6.52
16	6.49	6.48	6.47	6.46	6.46	6.49	6.46	6.47
17	6.45	6.45	6.44	6.44	6.44	6.45	6.44	6.44
18	6.41	6.40	6.39	6.37	6.37	6.41	6.37	6.39
19	6.35	6.33	6.32	6.31	6.29	6.35	6.29	6.32
20	6.27	6.26	6.25	6.24	6.23	6.27	6.23	6.25
21	6.21	6.19	6.18	6.18	6.10	6.21	6.10	6.17
22	6.15	6.13	6.12	6.11	6.09	6.15	6.09	6.12
23	6.07	6.06	6.05	6.05	6.03	6.07	6.03	6.05
24	6.00	6.00	5.99	5.99	5.99	6.00	5.99	5.99
25	5.97	6.01	6.00	6.00	6.00	6.01	5.97	6.00
26	6.04	6.06	6.06	6.07	6.07	6.07	6.04	6.06
27	6.10	6.11	6.12	6.13	6.14	6.14	6.10	6.12
28	6.15	6.16	6.10	6.18	6.19	6.19	6.10	6.16
29	6.21	6.22	6.23	6.24	6.26	6.26	6.21	6.23
30	6.29	6.29	6.31	6.32	6.33	6.33	6.29	6.31
31	6.37	6.37	6.37	6.40	6.41	6.41	6.37	6.38

GAUGE READING STATEMENT
Station: S1 PATHERGHATA
River : BANGSHI RIVER
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrology Study-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	6.44	6.45	6.46	6.47	6.47	6.47	6.44	6.46
2	6.50	6.51	6.52	6.52	6.52	6.52	6.50	6.51
3	6.53	6.53	6.54	6.54	6.55	6.55	6.53	6.54
4	6.56	6.57	6.58	6.59	6.60	6.60	6.56	6.58
5	6.61	6.62	6.59	6.59	6.58	6.62	6.58	6.60
6	6.56	6.55	6.55	6.54	6.54	6.56	6.54	6.55
7	6.53	6.53	6.53	6.53	6.52	6.53	6.52	6.53
8	6.49	6.48	6.47	6.47	6.46	6.49	6.46	6.47
9	6.43	6.42	6.40	6.39	6.37	6.43	6.37	6.40
10	6.35	6.33	6.33	6.32	6.32	6.35	6.32	6.33
11	6.31	6.30	6.29	6.28	6.30	6.31	6.28	6.30
12	6.27	6.27	6.29	6.31	6.32	6.32	6.27	6.29
13	6.39	6.43	6.45	6.52	6.55	6.55	6.39	6.47
14	6.56	6.56	6.57	6.57	6.57	6.57	6.56	6.57
15	6.55	6.54	6.53	6.53	6.52	6.55	6.52	6.53
16	6.50	6.49	6.49	6.48	6.47	6.50	6.47	6.49
17	6.46	6.45	6.45	6.44	6.43	6.46	6.43	6.45
18	6.42	6.41	6.41	6.41	6.40	6.42	6.40	6.41
19	6.39	6.39	6.39	6.39	6.38	6.39	6.38	6.39
20	6.40	6.40	6.40	6.41	6.41	6.41	6.40	6.40
21	6.42	6.42	6.42	6.43	6.43	6.43	6.42	6.42
22	6.45	6.46	6.46	6.46	6.46	6.46	6.45	6.46
23	6.40	6.47	6.47	6.48	6.48	6.48	6.40	6.46
24	6.46	6.46	6.46	6.47	6.48	6.48	6.46	6.47
25	6.49	6.50	6.50	6.54	6.56	6.56	6.49	6.52
26	6.50	6.56	6.55	6.55	6.56	6.56	6.50	6.54
27	6.50	6.50	6.58	6.58	6.59	6.59	6.50	6.55
28	6.64	6.65	6.66	6.69	6.72	6.72	6.64	6.67
29	6.74	6.70	6.76	6.77	6.70	6.77	6.70	6.73
30	6.77	6.76	6.75	6.75	6.75	6.77	6.75	6.76
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	6.76	6.76	6.76	6.76	6.76	6.76	6.76	6.76
2	6.75	6.75	6.74	6.74	6.74	6.75	6.74	6.74
3	6.76	6.76	6.75	6.74	6.74	6.76	6.74	6.75
4	6.73	6.73	6.73	6.73	6.72	6.73	6.72	6.73
5	6.71	6.71	6.71	6.71	6.71	6.71	6.71	6.71
6	6.70	6.70	6.70	6.69	6.69	6.70	6.69	6.70
7	6.67	6.67	6.66	6.66	6.66	6.67	6.66	6.66
8	6.63	6.63	6.62	6.62	6.61	6.63	6.61	6.62
9	6.57	6.57	6.56	6.55	6.54	6.57	6.54	6.56
10	6.50	6.48	6.47	6.47	6.45	6.50	6.45	6.47
11	6.40	6.39	6.39	6.37	6.37	6.40	6.37	6.38
12	6.32	6.29	6.28	6.25	6.25	6.32	6.25	6.28
13	6.19	6.18	6.16	6.16	6.13	6.19	6.13	6.16
14	6.09	6.09	6.08	6.07	6.07	6.09	6.07	6.08
15	6.06	6.06	6.06	6.06	6.05	6.06	6.05	6.06
16	6.04	6.04	6.04	6.04	6.04	6.04	6.04	6.04
17	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03
18	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03
19	6.02	6.02	6.02	6.02	6.01	6.02	6.01	6.02
20	5.99	5.98	5.97	5.97	5.96	5.99	5.96	5.97
21	5.96	5.96	5.95	5.96	5.97	5.97	5.95	5.96
22	5.94	5.94	5.93	5.93	5.92	5.94	5.92	5.93
23	5.90	5.90	5.90	5.89	5.90	5.90	5.89	5.90
24	5.86	5.85	5.85	5.82	5.82	5.86	5.82	5.84
25	5.77	5.76	5.75	5.75	5.74	5.77	5.74	5.75
26	5.68	5.67	5.66	5.65	5.65	5.68	5.65	5.66
27	5.57	5.57	5.55	5.53	5.52	5.57	5.52	5.55
28	5.45	5.44	5.43	5.42	5.40	5.45	5.40	5.43
29	5.33	5.29	5.27	5.24	5.22	5.33	5.22	5.27
30	5.17	5.16	5.14	5.13	5.12	5.17	5.12	5.14
31	5.03	5.02	5.01	5.00	4.98	5.03	4.98	5.01

GAUGE READING STATEMENT
Station: S2 BASAI
River : NANGLAI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	8.62	8.62	8.62	8.62	8.62	8.62	8.62	8.62
16	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63
17	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64
18	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65
19	8.67	8.67	8.69	8.69	8.70	8.70	8.67	8.68
20	8.74	8.74	8.75	8.75	8.77	8.77	8.74	8.75
21	8.76	8.75	8.75	8.75	8.75	8.76	8.75	8.75
22	8.74	8.73	8.72	8.70	8.68	8.74	8.68	8.71
23	8.65	8.64	8.63	8.63	8.53	8.65	8.53	8.62
24	8.60	8.60	8.59	8.57	8.58	8.60	8.57	8.59
25	8.55	8.54	8.53	8.53	8.53	8.55	8.53	8.54
26	8.53	8.53	8.51	8.50	8.49	8.53	8.49	8.51
27	8.49	8.49	8.48	8.48	8.48	8.49	8.48	8.48
28	8.50	8.51	8.51	8.49	8.49	8.51	8.49	8.50
29	8.49	8.50	8.49	8.48	8.47	8.50	8.47	8.49
30	8.47	8.47	8.46	8.46	8.45	8.47	8.45	8.46
31	8.45	8.46	8.47	8.45	8.46	8.47	8.45	8.46

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	8.43	8.41	8.40	8.39	8.38	8.43	8.38	8.40
2	8.38	8.38	8.37	8.37	8.36	8.38	8.36	8.37
3	8.40	8.42	8.43	8.43	8.44	8.44	8.40	8.42
4	8.43	8.43	8.43	8.43	8.43	8.43	8.43	8.43
5	8.43	8.43	8.43	8.43	8.43	8.43	8.43	8.43
6	8.42	8.45	8.46	8.48	8.49	8.49	8.42	8.46
7	8.56	8.57	8.57	8.58	8.65	8.65	8.56	8.59
8	8.59	8.59	8.59	8.59	8.59	8.59	8.59	8.59
9	8.58	8.58	8.58	8.58	8.57	8.58	8.57	8.58
10	8.54	8.54	8.55	8.56	8.56	8.56	8.54	8.55
11	8.52	8.50	8.49	8.48	8.47	8.52	8.47	8.49
12	8.46	8.45	8.44	8.43	8.43	8.46	8.43	8.44
13	8.38	8.37	8.37	8.37	8.36	8.38	8.36	8.37
14	8.33	8.32	8.31	8.30	8.29	8.33	8.29	8.31
15	8.28	8.27	8.28	8.28	8.27	8.28	8.27	8.28
16	8.24	8.23	8.22	8.21	8.20	8.24	8.20	8.22
17	8.17	8.16	8.15	8.14	8.13	8.17	8.13	8.15
18	8.11	8.09	8.09	8.08	8.07	8.11	8.07	8.09
19	8.04	8.03	8.02	8.01	8.00	8.04	8.00	8.02
20	7.97	7.97	7.97	7.96	7.95	7.97	7.95	7.96
21	7.96	7.96	7.96	7.96	7.95	7.96	7.95	7.96
22	7.96	7.96	7.95	7.95	7.95	7.96	7.95	7.95
23	7.95	7.94	7.94	7.93	7.93	7.95	7.93	7.94
24	7.94	7.94	7.96	7.96	7.97	7.97	7.94	7.95
25	7.98	7.99	8.01	8.02	8.03	8.03	7.98	8.01
26	8.04	8.05	8.06	8.07	8.08	8.08	8.04	8.06
27	8.15	8.15	8.15	8.15	8.16	8.16	8.15	8.15
28	8.18	8.19	8.20	8.22	8.24	8.24	8.18	8.21
29	8.33	8.34	8.35	8.37	8.39	8.39	8.33	8.36
30	8.43	8.44	8.46	8.47	8.49	8.49	8.43	8.46
31	8.53	8.53	8.53	8.54	8.55	8.55	8.53	8.54

GAUGE READING STATEMENT
Station: S2 BASAI
River : NANGLAI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	8.55	8.55	8.54	8.56	8.56	8.56	8.54	8.55
2	8.47	8.46	8.47	8.46	8.44	8.47	8.44	8.46
3	8.44	8.45	8.46	8.47	8.48	8.48	8.44	8.46
4	8.47	8.46	8.45	8.44	8.32	8.47	8.32	8.43
5	8.37	8.26	8.25	8.24	8.23	8.37	8.23	8.27
6	8.30	8.29	8.28	8.27	8.26	8.30	8.26	8.28
7	8.22	8.31	8.30	8.29	8.27	8.31	8.22	8.28
8	8.12	8.11	8.10	8.09	8.08	8.12	8.08	8.10
9	8.06	8.05	8.04	8.04	8.02	8.06	8.02	8.04
10	7.92	7.91	8.00	7.99	7.98	8.00	7.91	7.96
11	7.98	7.98	7.97	7.96	7.97	7.98	7.96	7.97
12	7.99	8.00	8.01	8.02	8.03	8.03	7.99	8.01
13	8.08	8.07	8.06	8.08	8.10	8.10	8.06	8.08
14	8.07	8.07	8.07	8.07	8.06	8.07	8.06	8.07
15	8.06	8.06	8.07	8.08	8.09	8.09	8.06	8.07
16	8.11	8.10	8.10	8.10	8.09	8.11	8.09	8.10
17	8.10	8.10	8.10	8.10	8.11	8.11	8.10	8.10
18	8.11	8.11	8.11	8.12	8.15	8.15	8.11	8.12
19	8.19	8.20	8.21	8.23	8.25	8.25	8.19	8.22
20	8.28	8.29	8.30	8.31	8.32	8.32	8.28	8.30
21	8.35	8.35	8.36	8.36	8.37	8.37	8.35	8.36
22	8.37	8.36	8.36	8.37	8.37	8.37	8.36	8.37
23	8.35	8.35	8.34	8.33	8.31	8.35	8.31	8.34
24	8.27	8.26	8.25	8.24	8.25	8.27	8.24	8.25
25	8.12	8.20	8.19	8.18	8.17	8.20	8.12	8.17
26	8.11	8.10	8.08	8.09	8.10	8.11	8.08	8.10
27	8.09	8.15	8.18	8.16	8.17	8.18	8.09	8.15
28	8.18	8.19	8.20	8.20	8.20	8.20	8.18	8.19
29	8.22	8.21	8.23	8.24	8.24	8.24	8.21	8.23
30	8.25	8.24	8.23	8.23	8.12	8.25	8.12	8.21
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Mln WL	Average WL
1	8.20	8.18	8.18	8.17	8.17	8.20	8.17	8.18
2	8.16	8.15	8.15	8.15	8.15	8.16	8.15	8.15
3	8.12	8.13	8.13	8.13	8.13	8.13	8.12	8.13
4	8.12	8.13	8.14	8.15	8.16	8.16	8.12	8.14
5	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15
6	8.15	8.15	8.15	8.15	8.14	8.15	8.14	8.15
7	8.10	8.08	8.08	8.07	8.06	8.10	8.06	8.08
8	8.01	8.00	7.99	7.98	7.97	8.01	7.97	7.99
9	7.93	7.91	7.90	7.89	7.88	7.93	7.88	7.90
10	7.83	7.82	7.81	7.80	7.79	7.83	7.79	7.81
11	7.76	7.74	7.73	7.72	7.71	7.76	7.71	7.73
12	7.69	7.68	7.67	7.66	7.65	7.69	7.65	7.67
13	7.62	7.62	7.61	7.60	7.59	7.62	7.59	7.61
14	7.56	7.57	7.57	7.58	7.59	7.59	7.56	7.57
15	7.56	7.56	7.55	7.55	7.54	7.56	7.54	7.55
16	7.53	7.53	7.53	7.53	7.52	7.53	7.52	7.53
17	7.49	7.49	7.50	7.49	7.49	7.50	7.49	7.49
18	7.48	7.49	7.49	7.49	7.48	7.49	7.48	7.49
19	7.47	7.47	7.47	7.47	7.46	7.47	7.46	7.47
20	7.45	7.45	7.45	7.46	7.46	7.46	7.45	7.45
21	7.47	7.47	7.48	7.49	7.50	7.50	7.47	7.48
22	7.51	7.51	7.52	7.53	7.54	7.54	7.51	7.52
23	7.55	7.55	7.55	7.55	7.54	7.55	7.54	7.55
24	7.50	7.50	7.49	7.49	7.48	7.50	7.48	7.49
25	7.44	7.42	7.41	7.40	7.39	7.44	7.39	7.41
26	7.35	7.34	7.33	7.32	7.31	7.35	7.31	7.33
27	7.27	7.26	7.25	7.24	7.23	7.27	7.23	7.25
28	7.18	7.17	7.16	7.15	7.14	7.18	7.14	7.16
29	7.09	7.08	7.07	7.06	7.05	7.09	7.05	7.07
30	6.98	6.97	6.97	6.96	6.95	6.98	6.95	6.97
31	6.90	6.89	6.88	6.87	6.86	6.90	6.86	6.88

GAUGE READING STATEMENT
Station: S3 : DHALAPARA
River : BANGSHI RIVER
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	8.41	8.42	8.42	8.43	8.43	8.43	8.41	8.42
2	8.45	8.45	8.46	8.47	8.47	8.47	8.45	8.46
3	8.49	8.49	8.49	8.49	8.50	8.50	8.49	8.49
4	8.50	8.50	8.50	8.51	8.51	8.51	8.50	8.50
5	8.52	8.52	8.52	8.52	8.53	8.53	8.52	8.52
6	8.54	8.54	8.54	8.54	8.53	8.54	8.53	8.54
7	8.53	8.52	8.52	8.52	8.52	8.53	8.52	8.52
8	8.50	8.50	8.50	8.49	8.49	8.50	8.49	8.50
9	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
10	8.43	8.46	8.39	8.39	8.39	8.46	8.39	8.41
11	8.37	8.37	8.37	8.37	8.36	8.37	8.36	8.37
12	8.38	8.39	8.40	8.43	8.44	8.44	8.38	8.41
13	8.49	8.51	8.54	8.57	8.59	8.59	8.49	8.54
14	8.66	8.68	8.69	8.69	8.69	8.69	8.66	8.68
15	8.69	8.68	8.68	8.67	8.66	8.69	8.66	8.68
16	8.64	8.63	8.62	8.62	8.61	8.64	8.61	8.62
17	8.55	8.54	8.53	8.52	8.52	8.55	8.52	8.53
18	8.50	8.49	8.48	8.47	8.47	8.50	8.47	8.48
19	8.55	8.54	8.54	8.53	8.52	8.55	8.52	8.54
20	8.49	8.48	8.48	8.48	8.47	8.49	8.47	8.48
21	8.46	8.46	8.46	8.46	8.45	8.46	8.45	8.46
22	8.44	8.44	8.44	8.43	8.43	8.44	8.43	8.44
23	8.43	8.43	8.43	8.43	8.43	8.43	8.43	8.43
24	8.43	8.43	8.43	8.45	8.61	8.61	8.43	8.47
25	8.73	8.73	8.74	8.75	8.76	8.76	8.73	8.74
26	8.78	8.78	8.78	8.79	8.79	8.79	8.78	8.78
27	9.12	9.17	9.19	9.25	9.27	9.27	9.12	9.20
28	9.48	9.49	9.50	9.59	9.63	9.63	9.48	9.54
29	9.66	9.67	9.68	9.68	9.68	9.68	9.66	9.67
30	9.68	9.68	9.68	9.67	9.67	9.68	9.67	9.68
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.64	9.63	9.62	9.61	9.60	9.64	9.60	9.62
2	9.56	9.56	9.56	9.55	9.55	9.56	9.55	9.56
3	9.49	9.47	9.47	9.46	9.45	9.49	9.45	9.47
4	9.39	9.38	9.37	9.36	9.35	9.39	9.35	9.37
5	9.31	9.30	9.29	9.28	9.27	9.31	9.27	9.29
6	9.25	9.24	9.23	9.23	9.22	9.25	9.22	9.23
7	9.18	9.18	9.17	9.17	9.15	9.18	9.15	9.17
8	9.10	9.09	9.08	9.07	9.06	9.10	9.06	9.08
9	9.01	9.00	8.99	9.00	8.99	9.01	8.99	9.00
10	8.94	8.94	8.93	8.92	8.91	8.94	8.91	8.93
11	8.86	8.86	8.85	8.85	8.83	8.86	8.83	8.85
12	8.77	8.76	8.75	8.75	8.74	8.77	8.74	8.75
13	8.69	8.67	8.66	8.65	8.64	8.69	8.64	8.66
14	8.77	8.78	8.84	8.85	8.86	8.86	8.77	8.82
15	8.93	8.93	8.94	8.94	8.94	8.94	8.93	8.94
16	8.92	8.97	8.99	9.00	9.03	9.03	8.92	8.98
17	9.03	9.03	9.02	9.02	9.02	9.03	9.02	9.02
18	8.99	8.98	8.97	8.96	8.96	8.99	8.96	8.97
19	8.90	8.89	8.88	8.87	8.85	8.90	8.85	8.88
20	8.80	8.79	8.77	8.76	8.74	8.80	8.74	8.77
21	8.69	8.68	8.66	8.67	8.69	8.69	8.66	8.68
22	8.74	8.73	8.72	8.71	8.70	8.74	8.70	8.72
23	8.61	8.59	8.57	8.55	8.53	8.61	8.53	8.57
24	8.47	8.45	8.43	8.35	8.33	8.47	8.33	8.41
25	8.27	8.26	8.26	8.25	8.24	8.27	8.24	8.26
26	8.23	8.23	8.21	6.73	8.18	8.23	6.73	7.92
27	8.11	8.09	8.06	8.04	8.03	8.11	8.03	8.07
28	7.98	7.97	7.96	8.96	7.92	8.96	7.92	8.16
29	7.87	7.85	7.83	8.83	7.80	8.83	7.80	8.04
30	7.74	7.74	7.74	8.73	7.69	8.73	7.69	7.93
31	7.63	7.61	8.61	8.62	7.60	8.62	7.60	8.01

GAUGE READING STATEMENT
Station: S3 : DHALAPARA
River : BANGSHI RIVER
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	8.94	8.94	8.94	8.95	8.95	8.95	8.94	8.94
16	9.05	9.07	9.16	9.18	9.19	9.19	9.05	9.13
17	9.26	9.27	9.28	9.29	9.30	9.30	9.26	9.28
18	9.30	9.30	9.30	9.30	9.29	9.30	9.29	9.30
19	9.28	9.28	9.28	9.27	9.26	9.28	9.26	9.27
20	9.26	9.26	9.26	9.26	9.27	9.27	9.26	9.26
21	9.26	9.26	9.26	9.26	9.26	9.26	9.26	9.26
22	9.26	9.26	9.25	9.24	9.24	9.26	9.24	9.25
23	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.23
24	9.20	9.20	9.20	9.20	9.20	9.20	9.20	9.20
25	9.18	9.18	9.18	9.16	9.16	9.18	9.16	9.17
26	9.16	9.16	9.16	9.15	9.15	9.16	9.15	9.16
27	9.14	9.13	9.12	9.12	9.12	9.14	9.12	9.13
28	9.09	9.08	9.07	9.06	9.05	9.09	9.05	9.07
29	9.03	9.02	9.01	9.01	9.00	9.03	9.00	9.01
30	8.98	8.98	8.97	8.97	8.96	8.98	8.96	8.97
31	8.94	8.93	8.93	8.93	8.93	8.94	8.93	8.93

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	8.92	8.92	8.91	8.90	8.90	8.92	8.90	8.91
2	8.89	8.88	8.88	8.87	8.87	8.89	8.87	8.88
3	8.86	8.86	8.86	8.85	8.85	8.86	8.85	8.86
4	8.84	8.84	8.83	8.83	8.82	8.84	8.82	8.83
5	8.82	8.81	8.81	8.80	8.80	8.82	8.80	8.81
6	8.79	8.79	8.81	8.82	8.84	8.84	8.79	8.81
7	8.91	8.92	8.93	8.94	8.96	8.96	8.91	8.93
8	8.99	9.00	9.00	9.00	9.01	9.01	8.99	9.00
9	9.04	9.05	9.05	9.05	9.06	9.06	9.04	9.05
10	9.07	9.07	9.08	9.08	9.08	9.08	9.07	9.08
11	9.07	9.05	9.05	9.05	9.04	9.07	9.04	9.05
12	9.03	9.03	9.02	9.02	9.01	9.03	9.01	9.02
13	8.99	8.98	8.97	8.97	8.96	8.99	8.96	8.97
14	8.94	8.93	8.92	8.92	8.90	8.94	8.90	8.92
15	8.88	8.87	8.86	8.84	8.83	8.88	8.83	8.86
16	8.80	8.79	8.77	8.76	8.75	8.80	8.75	8.77
17	8.73	8.72	8.72	8.71	8.71	8.73	8.71	8.72
18	8.65	8.64	8.64	8.63	8.62	8.65	8.62	8.64
19	8.59	8.57	8.57	8.56	8.55	8.59	8.55	8.57
20	8.53	8.52	8.51	8.51	8.49	8.53	8.49	8.51
21	8.45	8.44	8.44	8.42	8.42	8.45	8.42	8.43
22	8.40	8.39	8.38	8.37	8.36	8.40	8.36	8.38
23	8.33	8.32	8.31	8.30	8.30	8.33	8.30	8.31
24	8.27	8.26	8.25	8.24	8.24	8.27	8.24	8.25
25	8.23	8.23	8.22	8.21	8.20	8.23	8.20	8.22
26	8.22	8.22	8.22	8.22	8.23	8.23	8.22	8.22
27	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25
28	8.26	8.26	8.26	8.26	8.27	8.27	8.26	8.26
29	8.32	8.32	8.32	8.32	8.33	8.33	8.32	8.32
30	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35
31	8.37	8.38	8.38	8.39	8.39	8.39	8.37	8.38

GAUGE READING STATEMENT
Station: S4 ICHAPUR
River : NANGLAI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	9.42	9.42	9.42	9.44	9.44	9.44	9.42	9.43
16	9.49	9.49	9.51	9.52	9.52	9.52	9.49	9.51
17	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52
18	9.52	9.52	9.52	9.52	9.51	9.52	9.51	9.52
19	9.51	9.51	9.51	9.50	9.50	9.51	9.50	9.51
20	9.51	9.51	9.51	9.51	9.52	9.52	9.51	9.51
21	9.53	9.53	9.54	9.55	9.55	9.55	9.53	9.54
22	9.55	9.55	9.54	9.56	9.56	9.56	9.54	9.55
23	9.57	9.57	9.57	9.57	9.57	9.57	9.57	9.57
24	9.57	9.57	9.57	9.56	9.56	9.57	9.56	9.57
25	9.55	9.55	9.55	9.57	9.56	9.57	9.55	9.56
26	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58
27	9.56	9.56	9.56	9.57	9.57	9.57	9.56	9.56
28	9.54	9.54	9.54	9.54	9.54	9.54	9.54	9.54
29	9.52	9.52	9.52	9.52	9.51	9.52	9.51	9.52
30	9.50	9.50	9.50	9.50	9.49	9.50	9.49	9.50
31	9.49	9.49	9.54	9.54	9.54	9.54	9.49	9.52

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.54	9.54	9.54	9.54	9.53	9.54	9.53	9.54
2	9.53	9.53	9.52	9.52	9.52	9.53	9.52	9.52
3	9.52	9.53	9.53	9.52	9.52	9.53	9.52	9.52
4	9.51	9.51	9.52	9.52	9.53	9.53	9.51	9.52
5	9.52	9.52	9.51	9.51	9.51	9.52	9.51	9.51
6	9.49	9.49	9.53	9.53	9.54	9.54	9.49	9.52
7	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55
8	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55
9	9.55	9.55	9.55	9.55	9.55	9.55	9.55	9.55
10	9.54	9.54	9.54	9.54	9.53	9.54	9.53	9.54
11	9.53	9.53	9.53	9.53	9.52	9.53	9.52	9.53
12	9.52	9.52	9.52	9.51	9.51	9.52	9.51	9.52
13	9.50	9.50	9.50	9.49	9.51	9.51	9.49	9.50
14	9.49	9.49	9.49	9.49	9.48	9.49	9.48	9.49
15	9.47	9.46	9.46	9.46	9.45	9.47	9.45	9.46
16	9.44	9.44	9.43	9.42	9.42	9.44	9.42	9.43
17	9.40	9.40	9.39	9.39	9.38	9.40	9.38	9.39
18	9.36	9.36	9.40	9.34	9.34	9.40	9.34	9.36
19	9.33	9.32	9.32	9.31	9.31	9.33	9.31	9.32
20	9.29	9.29	9.29	9.28	9.27	9.29	9.27	9.28
21	9.24	9.24	9.23	9.23	9.22	9.24	9.22	9.23
22	9.20	9.19	9.19	9.18	9.17	9.20	9.17	9.19
23	9.14	9.14	9.13	9.12	9.12	9.14	9.12	9.13
24	9.09	9.09	9.08	9.08	9.07	9.09	9.07	9.08
25	9.05	9.05	9.04	9.04	9.03	9.05	9.03	9.04
26	9.10	9.10	9.10	9.10	9.11	9.11	9.10	9.10
27	9.12	9.12	9.12	9.12	9.13	9.13	9.12	9.12
28	9.13	9.13	9.13	9.13	9.13	9.13	9.13	9.13
29	9.13	9.13	9.13	9.13	9.13	9.13	9.13	9.13
30	9.14	9.14	9.14	9.14	9.15	9.15	9.14	9.14
31	9.16	9.16	9.16	9.17	9.17	9.17	9.16	9.16

GAUGE READING STATEMENT
Station: S4 ICHAPUR
River : NANGLAI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.19	9.19	9.19	9.20	9.20	9.20	9.19	9.19
2	9.22	9.22	9.22	9.23	9.23	9.23	9.22	9.22
3	9.24	9.25	9.25	9.25	9.25	9.25	9.24	9.25
4	9.26	9.27	9.27	9.27	9.27	9.27	9.26	9.27
5	9.27	9.27	9.27	9.28	9.28	9.28	9.27	9.27
6	9.29	9.29	9.29	9.29	9.29	9.29	9.29	9.29
7	9.28	9.28	9.28	9.28	9.28	9.28	9.28	9.28
8	9.27	9.27	9.27	9.26	9.26	9.27	9.26	9.27
9	9.24	9.24	9.24	9.23	9.23	9.24	9.23	9.24
10	9.20	9.20	9.19	9.19	9.18	9.20	9.18	9.19
11	9.16	9.16	9.15	9.15	9.14	9.16	9.14	9.15
12	9.20	9.21	9.27	9.29	9.31	9.31	9.20	9.26
13	9.42	9.43	9.44	9.45	9.46	9.46	9.42	9.44
14	9.49	9.49	9.49	9.49	9.48	9.49	9.48	9.49
15	9.47	9.46	9.46	9.46	9.45	9.47	9.45	9.46
16	9.43	9.43	9.42	9.41	9.41	9.43	9.41	9.42
17	9.40	9.40	9.39	9.38	9.38	9.40	9.38	9.39
18	9.34	9.34	9.33	9.31	9.31	9.34	9.31	9.33
19	9.30	9.30	9.29	9.28	9.27	9.30	9.27	9.29
20	9.26	9.25	9.24	9.23	9.23	9.26	9.23	9.24
21	9.22	9.22	9.21	9.21	9.21	9.22	9.21	9.21
22	9.21	9.20	9.20	9.20	9.20	9.21	9.20	9.20
23	9.20	9.20	9.19	9.19	9.19	9.20	9.19	9.19
24	9.20	9.21	9.23	9.26	9.27	9.27	9.20	9.23
25	9.29	9.29	9.28	9.33	9.35	9.35	9.28	9.31
26	9.38	9.38	9.39	9.43	9.45	9.45	9.38	9.41
27	9.86	9.87	9.96	10.00	10.01	10.01	9.86	9.94
28	10.06	10.07	10.07	10.07	10.07	10.07	10.06	10.07
29	10.05	10.05	10.04	10.04	10.04	10.05	10.04	10.04
30	10.02	10.02	10.01	10.01	10.01	10.02	10.01	10.01
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.98	9.98	9.97	9.96	9.95	9.98	9.95	9.97
2	9.92	9.91	9.91	9.91	9.90	9.92	9.90	9.91
3	9.85	9.85	9.84	9.83	9.83	9.85	9.83	9.84
4	9.79	9.79	9.79	9.77	9.77	9.79	9.77	9.78
5	9.71	9.71	9.71	9.70	9.70	9.71	9.70	9.71
6	9.71	9.71	9.70	9.70	9.70	9.71	9.70	9.70
7	9.66	9.65	9.65	9.64	9.64	9.66	9.64	9.65
8	9.60	9.60	9.59	9.59	9.58	9.60	9.58	9.59
9	9.56	9.56	9.55	9.55	9.54	9.56	9.54	9.55
10	9.51	9.51	9.50	9.50	9.49	9.51	9.49	9.50
11	9.45	9.45	9.44	9.44	9.43	9.45	9.43	9.44
12	9.39	9.39	9.38	9.38	9.36	9.39	9.36	9.38
13	9.32	9.32	9.31	9.30	9.29	9.32	9.29	9.31
14	9.26	9.26	9.25	9.25	9.24	9.26	9.24	9.25
15	9.29	9.29	9.30	9.30	9.30	9.30	9.29	9.30
16	9.29	9.31	9.31	9.31	9.31	9.31	9.29	9.31
17	9.33	9.33	9.33	9.32	9.32	9.33	9.32	9.33
18	9.29	9.29	9.28	9.27	9.26	9.29	9.26	9.28
19	9.24	9.24	9.23	9.22	9.21	9.24	9.21	9.23
20	9.21	9.21	9.21	9.21	9.21	9.21	9.21	9.21
21	9.21	9.21	9.21	9.20	9.20	9.21	9.20	9.21
22	9.18	9.18	9.17	9.17	9.16	9.18	9.16	9.17
23	9.15	9.15	9.14	9.14	9.13	9.15	9.13	9.14
24	9.11	9.11	9.11	9.11	9.11	9.11	9.11	9.11
25	9.05	9.04	9.03	9.03	9.02	9.05	9.02	9.03
26	8.97	8.97	8.96	8.96	8.95	8.97	8.95	8.96
27	8.91	8.91	8.90	8.89	8.88	8.91	8.88	8.90
28	8.85	8.85	8.83	8.82	8.80	8.85	8.80	8.83
29	8.77	8.77	8.74	8.74	8.73	8.77	8.73	8.75
30	8.71	8.70	8.69	8.69	8.68	8.71	8.68	8.69
31	8.64	8.64	8.63	8.62	8.61	8.64	8.61	8.63

GAUGE READING STATEMENT
Station: S5 BHUAPUR
River : FUTIKJANI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	10.85	10.85	10.85	10.85	10.85	10.85	10.85	10.85
16	10.85	10.85	10.85	10.85	10.85	10.85	10.85	10.85
17	10.85	10.85	10.85	10.85	10.85	10.85	10.85	10.85
18	10.87	10.87	10.87	10.87	10.88	10.88	10.87	10.87
19	10.89	10.89	10.90	10.90	10.93	10.93	10.89	10.90
20	10.92	10.92	10.94	10.94	10.94	10.94	10.92	10.93
21	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96
22	10.95	10.95	10.95	10.94	10.94	10.95	10.94	10.95
23	10.92	10.92	10.91	10.91	10.91	10.92	10.91	10.91
24	10.88	10.88	10.88	10.88	10.88	10.88	10.88	10.88
25	10.85	10.84	10.84	10.84	10.84	10.85	10.84	10.84
26	10.82	10.82	10.80	10.80	10.80	10.82	10.80	10.81
27	10.78	10.78	10.78	10.77	10.77	10.78	10.77	10.78
28	10.76	10.75	10.75	10.74	10.74	10.76	10.74	10.75
29	10.74	10.73	10.73	10.72	10.72	10.74	10.72	10.73
30	10.70	10.72	10.73	10.73	10.74	10.74	10.70	10.72
31	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	10.63	10.63	10.63	10.63	10.63	10.63	10.63	10.63
2	10.58	10.58	10.58	10.57	10.57	10.58	10.57	10.58
3	10.64	10.64	10.62	10.62	10.62	10.64	10.62	10.63
4	10.63	10.63	10.63	10.63	10.63	10.63	10.63	10.63
5	10.64	10.64	10.64	10.64	10.65	10.65	10.64	10.64
6	10.65	10.68	10.74	10.76	10.76	10.76	10.65	10.72
7	10.82	10.82	10.84	10.86	10.93	10.93	10.82	10.85
8	10.96	10.96	10.96	10.96	10.88	10.96	10.88	10.94
9	10.94	10.88	10.87	10.87	10.86	10.94	10.86	10.88
10	10.86	10.86	10.85	10.85	10.85	10.86	10.85	10.85
11	10.83	10.83	10.83	10.83	10.83	10.83	10.83	10.83
12	10.47	10.47	10.47	10.46	10.43	10.47	10.43	10.46
13	10.38	10.38	10.33	10.31	10.27	10.38	10.27	10.33
14	10.18	10.17	10.15	10.13	10.11	10.18	10.11	10.15
15	10.01	10.00	10.02	10.02	10.01	10.02	10.00	10.01
16	10.33	10.33	10.33	10.33	10.32	10.33	10.32	10.33
17	10.30	10.29	10.28	10.21	10.21	10.30	10.21	10.26
18	10.19	10.18	10.17	10.16	10.15	10.19	10.15	10.17
19	10.10	10.08	10.07	10.06	10.05	10.10	10.05	10.07
20	10.00	9.99	9.98	9.97	9.97	10.00	9.97	9.98
21	9.95	9.94	9.94	9.94	9.93	9.95	9.93	9.94
22	9.92	9.92	9.92	9.92	9.92	9.92	9.92	9.92
23	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91
24	9.92	9.93	9.94	9.95	9.96	9.96	9.92	9.94
25	10.00	10.01	10.02	10.03	10.16	10.16	10.00	10.04
26	10.20	10.22	10.23	10.24	10.25	10.25	10.20	10.23
27	10.31	10.32	10.33	10.33	10.34	10.34	10.31	10.33
28	10.37	10.38	10.39	10.40	10.42	10.42	10.37	10.39
29	10.47	10.48	10.53	10.57	10.59	10.59	10.47	10.53
30	10.64	10.65	10.66	10.67	10.69	10.69	10.64	10.66
31	10.73	10.73	10.74	10.75	10.76	10.76	10.73	10.74

GAUGE READING STATEMENT
Station: S5 BHUAPUR
River : FUTIKJANI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	10.81	10.82	10.83	10.83	10.84	10.84	10.81	10.83
2	10.86	10.86	10.86	10.86	10.86	10.86	10.86	10.86
3	10.87	10.87	10.87	10.87	10.87	10.87	10.87	10.87
4	10.88	10.88	10.88	10.88	10.89	10.89	10.88	10.88
5	10.87	10.86	10.85	10.84	10.83	10.87	10.83	10.85
6	10.80	10.80	10.79	10.78	10.77	10.80	10.77	10.79
7	10.71	10.70	10.68	10.66	10.65	10.71	10.65	10.68
8	10.58	10.57	10.55	10.53	10.51	10.58	10.51	10.55
9	10.45	10.43	10.41	10.40	10.38	10.45	10.38	10.41
10	10.32	10.31	10.30	10.29	10.28	10.32	10.28	10.30
11	10.23	10.21	10.20	10.19	10.18	10.23	10.18	10.20
12	10.19	10.19	10.20	10.24	10.25	10.25	10.19	10.21
13	10.28	10.28	10.29	10.31	10.33	10.33	10.28	10.30
14	10.32	10.31	10.30	10.30	10.29	10.32	10.29	10.30
15	10.27	10.27	10.27	10.27	10.27	10.27	10.27	10.27
16	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26
17	10.26	10.26	10.26	10.26	10.26	10.26	10.26	10.26
18	10.27	10.28	10.28	10.29	10.29	10.29	10.27	10.28
19	10.36	10.38	10.39	10.41	10.43	10.43	10.36	10.39
20	10.51	10.53	10.55	10.56	10.57	10.57	10.51	10.54
21	10.64	10.65	10.66	10.67	10.67	10.67	10.64	10.66
22	10.70	10.71	10.71	10.71	10.71	10.71	10.70	10.71
23	10.69	10.69	10.68	10.67	10.65	10.69	10.65	10.68
24	10.59	10.58	10.58	10.59	10.59	10.59	10.58	10.59
25	10.54	10.53	10.52	10.50	10.49	10.54	10.49	10.52
26	10.44	10.38	10.37	10.37	10.37	10.44	10.37	10.39
27	10.52	10.57	10.62	10.67	10.72	10.72	10.52	10.62
28	10.82	10.85	10.86	10.86	10.86	10.86	10.82	10.85
29	10.90	10.91	10.92	10.92	10.93	10.93	10.90	10.92
30	10.92	10.92	10.91	10.90	10.90	10.92	10.90	10.91
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	10.85	10.84	10.83	10.82	10.81	10.85	10.81	10.83
2	10.78	10.77	10.76	10.75	10.74	10.78	10.74	10.76
3	10.68	10.67	10.66	10.65	10.64	10.68	10.64	10.66
4	10.59	10.58	10.57	10.56	10.55	10.59	10.55	10.57
5	10.48	10.47	10.46	10.45	10.44	10.48	10.44	10.46
6	10.42	10.42	10.42	10.41	10.40	10.42	10.40	10.41
7	10.31	10.30	10.29	10.27	10.25	10.31	10.25	10.28
8	10.16	10.14	10.12	10.10	10.08	10.16	10.08	10.12
9	9.97	9.95	9.93	9.91	9.90	9.97	9.90	9.93
10	9.86	9.85	9.84	9.82	9.82	9.86	9.82	9.84
11	9.77	9.76	9.75	9.74	9.73	9.77	9.73	9.75
12	9.69	9.68	9.67	9.66	9.65	9.69	9.65	9.67
13	9.61	9.60	9.59	9.58	9.57	9.61	9.57	9.59
14	9.53	9.53	9.53	9.52	9.51	9.53	9.51	9.52
15								
16					9.85	9.85	9.85	9.85
17	9.81	9.80	9.79	9.79	9.79	9.81	9.79	9.80
18	9.78	9.78	9.78	9.78	9.77	9.78	9.77	9.78
19	9.71	9.70	9.69	9.67	9.66	9.71	9.66	9.69
20	9.53	9.52	9.50	9.48	9.47	9.53	9.47	9.50
21	9.42	9.41	9.40	9.40	9.41	9.42	9.40	9.41
22	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45
23	9.43	9.42	9.41	9.41	9.40	9.43	9.40	9.41
24	9.37	9.36	9.35	9.35	9.34	9.37	9.34	9.35
25	9.29	9.28	9.27	9.26	9.24	9.29	9.24	9.27
26	9.18	9.17	9.16	9.15	9.13	9.18	9.13	9.16
27	9.07	9.06	9.05	9.04	9.04	9.07	9.04	9.05
28	9.04	9.04	9.05	9.04	9.03	9.05	9.03	9.04
29	9.00	8.99	8.99	8.98	8.97	9.00	8.97	8.99
30	8.95	8.94	8.93	8.93	8.92	8.95	8.92	8.93
31	8.88	8.88	8.87	8.87	8.86	8.88	8.86	8.87

GAUGE READING STATEMENT
Station: S6 SAKHARIA
River : BOALBARI KHAL
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrology Study-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	12.62	12.62	12.63	12.63	12.63	12.63	12.62	12.63
16	12.58	12.58	12.58	12.58	12.58	12.58	12.58	12.58
17	12.58	12.58	12.59	12.59	12.59	12.59	12.58	12.59
18	12.59	12.59	12.59	12.59	12.59	12.59	12.59	12.59
19	12.64	12.64	12.65	12.65	12.68	12.68	12.64	12.65
20	12.72	12.74	12.74	12.75	12.76	12.76	12.72	12.74
21	12.72	12.74	12.74	12.74	12.72	12.74	12.72	12.73
22	12.68	12.66	12.66	12.62	12.54	12.68	12.54	12.63
23	12.54	12.52	12.51	12.50	12.48	12.54	12.48	12.51
24	12.44	12.44	12.44	12.42	12.41	12.44	12.41	12.43
25	12.38	12.37	12.36	12.35	12.34	12.38	12.34	12.36
26	12.34	12.32	12.32	12.31	12.26	12.34	12.26	12.31
27	12.29	12.29	12.28	12.28	12.27	12.29	12.27	12.28
28	12.27	12.27	12.27	12.26	12.26	12.27	12.26	12.27
29	12.25	12.25	12.27	12.30	12.30	12.30	12.25	12.27
30	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
31	12.31	12.31	12.31	12.30	12.30	12.31	12.30	12.31

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	12.16	12.16	12.16	12.15	12.15	12.16	12.15	12.16
2	12.14	12.14	12.15	12.15	12.15	12.15	12.14	12.15
3	12.18	12.18	12.18	12.18	12.17	12.18	12.17	12.18
4	12.21	12.21	12.21	12.22	12.22	12.22	12.21	12.21
5	12.24	12.25	12.25	12.24	12.24	12.25	12.24	12.24
6	12.24	12.25	12.25	12.32	12.39	12.39	12.24	12.29
7	12.52	12.54	12.55	12.56	12.57	12.57	12.52	12.55
8	12.58	12.59	12.59	12.59	12.59	12.59	12.58	12.59
9	12.54	12.54	12.54	12.54	12.55	12.55	12.54	12.54
10	12.45	12.45	12.44	12.42	12.42	12.45	12.42	12.44
11	12.52	12.32	12.31	12.30	12.27	12.52	12.27	12.34
12	12.21	12.21	12.16	12.15	13.14	13.14	12.15	12.37
13	11.47	12.06	12.06	12.04	12.04	12.06	11.47	11.93
14	12.01	12.01	12.00	12.00	12.00	12.01	12.00	12.00
15	11.98	11.98	11.97	11.97	11.97	11.98	11.97	11.97
16	11.97	11.97	11.97	11.97	11.97	11.97	11.97	11.97
17	11.96	11.96	11.96	11.96	11.96	11.96	11.96	11.96
18	11.96	11.96	11.96	11.96	11.96	11.96	11.96	11.96
19	11.96	11.96	11.96	11.96	11.96	11.96	11.96	11.96
20	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95
21	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95
22	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95
23	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95
24	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95
25	11.95	11.95	11.95	11.98	12.00	12.00	11.95	11.97
26	12.07	12.09	12.11	12.12	12.13	12.13	12.07	12.10
27	12.21	13.22	12.23	12.24	12.26	13.22	12.21	12.43
28	12.34	12.35	12.38	12.38	12.39	12.39	12.34	12.37
29	12.58	12.59	12.61	12.62	12.63	12.63	12.58	12.61
30	12.68	12.69	12.69	12.66	12.72	12.72	12.66	12.69
31	12.75	12.76	12.77	12.78	12.78	12.78	12.75	12.77

GAUGE READING STATEMENT
Station: S6 SAKHARIA
River : BOALBARI KHAL
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrology Study-1992

Month : September

Hour / Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	12.81	12.81	12.81	12.81	12.81	12.81	12.81	12.81
2	12.77	12.76	12.76	12.75	12.75	12.77	12.75	12.76
3	12.71	12.71	12.69	12.68	12.66	12.71	12.66	12.69
4	12.63	12.62	12.61	12.58	12.55	12.63	12.55	12.60
5	12.48	12.47	12.43	12.41	12.39	12.48	12.39	12.44
6	12.25	12.22	12.19	12.18	12.15	12.25	12.15	12.20
7	12.08	12.06	12.05	12.05	12.05	12.08	12.05	12.06
8	12.03	12.03	12.02	12.02	12.02	12.03	12.02	12.02
9	12.01	12.01	12.01	12.01	12.01	12.01	12.01	12.01
10	11.99	11.99	11.98	11.98	11.98	11.99	11.98	11.98
11	11.98	11.98	11.98	11.98	11.98	11.98	11.98	11.98
12	11.98	11.98	11.98	11.98	11.98	11.98	11.98	11.98
13	11.99	11.99	11.98	11.98	11.98	11.99	11.98	11.98
14	11.97	11.97	11.97	11.97	11.97	11.97	11.97	11.97
15	12.05	12.05	12.05	12.05	12.04	12.05	12.04	12.05
16	12.03	12.03	12.03	12.03	12.03	12.03	12.03	12.03
17	12.03	12.03	12.03	12.03	12.03	12.03	12.03	12.03
18	12.02	12.02	12.02	12.02	12.02	12.02	12.02	12.02
19	12.07	12.08	12.08	12.13	12.17	12.17	12.07	12.11
20	12.28	12.32	12.35	12.37	12.39	12.39	12.28	12.34
21	12.46	12.47	12.47	12.48	12.37	12.48	12.37	12.45
22	12.53	12.53	12.53	12.52	12.52	12.53	12.52	12.53
23	12.49	12.48	12.46	12.45	12.44	12.49	12.44	12.46
24	12.38	12.36	12.34	12.38	12.36	12.38	12.34	12.36
25	12.22	12.19	12.18	12.17	12.16	12.22	12.16	12.18
26	12.12	12.11	12.12	12.13	12.15	12.15	12.11	12.13
27	12.47	12.47	12.65	12.73	12.73	12.73	12.47	12.61
28	12.63	12.63	12.61	12.55	12.53	12.63	12.53	12.59
29	12.45	12.44	12.42	12.41	12.39	12.45	12.39	12.42
30	12.29	12.28	12.27	12.26	12.25	12.29	12.25	12.27
31								

Month : October

Hour / Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	12.19	12.18	12.17	12.17	12.16	12.19	12.16	12.17
2	12.12	12.11	12.11	12.09	12.09	12.12	12.09	12.10
3	12.07	12.07	12.06	12.06	12.06	12.07	12.06	12.06
4	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05
5	12.05	12.05	12.05	12.05	12.04	12.05	12.04	12.05
6	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04
7	12.06	12.06	12.05	12.05	12.05	12.06	12.05	12.05
8	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04
9	12.04	12.04	12.04	12.04	12.05	12.05	12.04	12.04
10	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05
11	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04
12	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05
13	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04
14	12.16	12.17	12.17	12.18	12.19	12.19	12.16	12.17
15	12.14	12.14	12.14	12.13	12.13	12.14	12.13	12.14
16	12.09	12.09	12.08	12.08	12.11	12.11	12.08	12.09
17	12.22	12.21	12.19	12.18	12.17	12.22	12.17	12.19
18	12.14	12.04	12.14	12.14	12.14	12.14	12.04	12.12
19	12.14	12.14	12.14	12.14	12.15	12.15	12.14	12.14
20	12.16	12.16	12.16	12.16	12.16	12.16	12.16	12.16
21	12.17	12.17	12.18	12.18	12.18	12.18	12.17	12.18
22	12.19	12.19	12.19	12.19	12.18	12.19	12.18	12.19
23	12.17	12.17	12.17	12.17	12.17	12.17	12.17	12.17
24	12.17	12.17	12.17	12.17	12.18	12.18	12.17	12.17
25	12.19	12.19	12.19	12.19	12.18	12.19	12.18	12.19
26	12.14	12.13	12.13	12.13	12.13	12.14	12.13	12.13
27	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13
28	12.14	12.14	12.14	12.14	12.14	12.14	12.14	12.14
29	12.14	12.13	12.13	12.13	12.12	12.14	12.12	12.13
30	12.06	12.06	12.06	12.06	12.05	12.06	12.05	12.06
31	12.05	12.05	12.05	12.05	12.05	12.05	12.05	12.05

GAUGE READING STATEMENT
Station: SG2 KAYRA
River : JHENAI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	12.81	12.82	12.82	12.82	12.82	12.82	12.81	12.82
16	12.81	12.81	12.80	12.80	12.79	12.81	12.79	12.80
17	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78
18	12.78	12.77	12.77	12.77	12.77	12.78	12.77	12.77
19	12.79	12.79	12.80	12.80	12.81	12.81	12.79	12.80
20	12.85	12.86	12.86	12.87	12.87	12.87	12.85	12.86
21	12.90	12.90	12.90	12.90	12.90	12.90	12.90	12.90
22	12.89	12.88	12.87	12.86	12.85	12.89	12.85	12.87
23	12.81	12.80	12.79	12.78	12.77	12.81	12.77	12.79
24	12.72	12.71	12.70	12.69	12.68	12.72	12.68	12.70
25	12.64	12.62	12.61	12.60	12.59	12.64	12.59	12.61
26	12.57	12.56	12.55	12.55	12.55	12.57	12.55	12.56
27	12.52	12.56	12.50	12.50	12.49	12.56	12.49	12.51
28	12.50	12.50	12.49	12.49	12.49	12.50	12.49	12.49
29	12.48	12.48	12.48	12.48	12.48	12.48	12.48	12.48
30	12.47	12.47	12.47	12.46	12.46	12.47	12.46	12.47
31	12.45	12.45	12.45	12.44	12.44	12.45	12.44	12.45

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	12.40	12.40	12.39	12.38	12.38	12.40	12.38	12.39
2	12.37	12.37	12.37	12.37	12.37	12.37	12.37	12.37
3	12.38	12.38	12.38	12.39	12.39	12.39	12.38	12.38
4	12.41	12.41	12.41	12.42	12.42	12.42	12.41	12.41
5	12.43	12.43	12.43	12.44	12.44	12.44	12.43	12.43
6	12.45	12.45	12.48	12.51	12.57	12.57	12.45	12.49
7	12.67	12.68	12.69	12.70	12.71	12.71	12.67	12.69
8	12.73	12.74	12.75	12.75	12.76	12.76	12.73	12.75
9	12.75	12.75	12.74	12.74	12.73	12.75	12.73	12.74
10	12.70	12.69	12.68	12.67	12.66	12.70	12.66	12.68
11	12.61	12.60	12.59	12.58	12.57	12.61	12.57	12.59
12	12.51	12.50	12.49	12.48	12.47	12.51	12.47	12.49
13	12.39	12.38	12.36	12.34	12.32	12.39	12.32	12.36
14	12.28	12.26	12.24	12.22	12.21	12.28	12.21	12.24
15	12.19	12.17	12.16	12.16	12.15	12.19	12.15	12.17
16	12.12	12.11	12.11	12.10	12.09	12.12	12.09	12.11
17	11.99	11.98	11.97	11.96	11.95	11.99	11.95	11.97
18	12.04	12.03	12.02	12.01	12.00	12.04	12.00	12.02
19	11.90	11.89	11.86	11.85	11.84	11.90	11.84	11.87
20	11.83	11.82	11.83	11.83	11.83	11.83	11.82	11.83
21	11.85	11.86	11.86	11.86	11.86	11.86	11.85	11.86
22	11.88	11.89	11.89	11.89	11.89	11.89	11.88	11.89
23	11.91	11.91	11.91	11.91	11.91	11.91	11.91	11.91
24	11.95	11.95	11.96	11.98	12.00	12.00	11.95	11.97
25	12.07	12.09	12.09	12.11	12.13	12.13	12.07	12.10
26	12.18	12.18	12.19	12.19	12.20	12.20	12.18	12.19
27	12.27	12.28	12.29	12.30	12.31	12.31	12.27	12.29
28	12.37	12.39	12.41	12.43	12.46	12.46	12.37	12.41
29	12.54	12.55	12.56	12.57	12.58	12.58	12.54	12.56
30	12.63	12.64	12.65	12.66	12.67	12.67	12.63	12.65
31	12.71	12.72	12.73	12.73	12.73	12.73	12.71	12.72

GAUGE READING STATEMENT
Station: SG2 KAYRA
River : JHENAI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	12.74	12.74	12.75	12.75	12.75	12.75	12.74	12.75
2	12.74	12.73	12.73	12.72	12.72	12.74	12.72	12.73
3	12.70	12.69	12.68	12.67	12.66	12.70	12.66	12.68
4	12.62	12.60	12.58	12.56	12.54	12.62	12.54	12.58
5	12.50	12.47	12.45	12.43	12.41	12.50	12.41	12.45
6	12.34	12.32	12.31	12.30	12.29	12.34	12.29	12.31
7	12.22	12.20	12.18	12.17	12.16	12.22	12.16	12.19
8	12.10	12.08	12.06	12.04	13.02	13.02	12.04	12.26
9	12.00	12.00	11.98	11.96	11.96	12.00	11.96	11.98
10	11.94	11.93	11.92	11.92	11.92	11.94	11.92	11.93
11	11.91	11.91	11.91	11.90	11.90	11.91	11.90	11.91
12	11.91	11.91	11.91	11.92	11.92	11.92	11.91	11.91
13	11.93	11.93	11.91	11.90	11.90	11.93	11.90	11.91
14	11.85	11.85	11.85	11.84	11.84	11.85	11.84	11.85
15	11.83	11.84	11.85	11.86	11.87	11.87	11.83	11.85
16	11.92	11.93	11.93	11.93	11.93	11.93	11.92	11.93
17	11.94	11.94	11.95	11.95	11.95	11.95	11.94	11.95
18	11.97	11.98	11.99	11.99	12.00	12.00	11.97	11.99
19	12.09	12.12	12.15	12.18	12.20	12.20	12.09	12.15
20	12.27	12.28	12.29	12.30	12.32	12.32	12.27	12.29
21	12.38	12.39	12.40	12.42	13.44	13.44	12.38	12.61
22	12.42	12.42	12.41	12.41	12.41	12.42	12.41	12.41
23	12.41	12.38	12.36	12.35	12.34	12.41	12.34	12.37
24	12.26	12.25	12.23	12.22	12.20	12.26	12.20	12.23
25	12.11	12.08	12.06	12.03	12.02	12.11	12.02	12.06
26	11.93	11.90	11.88	11.92	11.96	11.96	11.88	11.92
27	12.03	12.01	12.13	12.15	12.16	12.16	12.01	12.10
28	12.25	12.30	12.33	12.35	12.38	12.38	12.25	12.32
29	12.44	12.45	12.46	12.47	12.48	12.48	12.44	12.46
30	12.41	12.40	12.39	12.39	12.38	12.41	12.38	12.39
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	12.30	12.29	12.28	12.28	12.27	12.30	12.27	12.28
2	12.23	12.21	12.20	12.19	12.18	12.23	12.18	12.20
3	12.06	12.05	12.03	12.01	11.99	12.06	11.99	12.03
4	11.96	11.96	11.95	11.94	11.93	11.96	11.93	11.95
5	11.95	11.95	11.94	11.94	11.94	11.95	11.94	11.94
6	11.92	11.91	11.90	11.89	11.88	11.92	11.88	11.90
7	11.80	11.79	11.78	11.76	11.74	11.80	11.74	11.77
8	11.63	11.61	11.60	11.59	11.58	11.63	11.58	11.60
9	11.50	11.50	11.49	11.49	11.48	11.50	11.48	11.49
10	11.38	11.38	11.38	11.40	11.40	11.40	11.38	11.39
11	11.47	11.47	11.47	11.48	11.48	11.48	11.47	11.47
12	11.56	11.58	11.59	11.59	11.60	11.60	11.56	11.58
13	11.65	11.66	11.67	11.68	11.70	11.70	11.65	11.67
14	11.75	11.73	11.66	11.61	11.58	11.75	11.58	11.67
15	11.50	11.53	11.56	11.58	11.60	11.60	11.50	11.55
16	11.56	11.56	11.56	11.57	11.58	11.58	11.56	11.57
17	11.64	11.60	11.58	11.56	11.54	11.64	11.54	11.58
18	11.48	11.48	11.48	11.47	11.47	11.48	11.47	11.48
19	11.43	11.43	11.46	11.48	11.49	11.49	11.43	11.46
20	11.51	11.48	11.46	11.44	11.43	11.51	11.43	11.46
21	11.41	11.41	11.42	11.42	11.43	11.43	11.41	11.42
22	11.42	11.42	11.44	11.46	11.48	11.48	11.42	11.44
23	11.53	11.54	11.55	11.56	11.57	11.57	11.53	11.55
24	11.61	11.61	11.61	11.62	11.63	11.63	11.61	11.62
25	11.64	11.65	11.65	11.65	11.66	11.66	11.64	11.65
26	11.67	11.67	11.68	11.68	11.68	11.68	11.67	11.68
27	11.70	11.70	11.70	11.71	11.71	11.71	11.70	11.70
28	11.74	11.74	11.75	11.75	11.76	11.76	11.74	11.75
29	11.74	11.74	11.74	11.74	11.74	11.74	11.74	11.74
30	11.73	11.73	11.73	11.73	11.73	11.73	11.73	11.73
31	11.73	11.73	11.72	11.73	11.72	11.73	11.72	11.73

GAUGE READING STATEMENT
Station: SG5 BELUA BAZAR
River : ATAI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	11.28	11.28	11.28	11.28	11.29	11.29	11.28	11.28
16	11.30	11.30	11.30	11.31	11.31	11.31	11.30	11.30
17	11.31	11.31	11.31	11.31	11.31	11.31	11.31	11.31
18	11.31	11.31	11.31	11.30	11.30	11.31	11.30	11.31
19	11.30	11.30	11.30	11.30	11.31	11.31	11.30	11.30
20	11.32	11.32	11.33	11.33	11.34	11.34	11.32	11.33
21	11.38	11.38	11.39	11.39	11.39	11.39	11.38	11.39
22	11.40	11.40	11.40	11.40	11.40	11.40	11.40	11.40
23	11.40	11.40	11.39	11.39	11.39	11.40	11.39	11.39
24	11.38	11.37	11.37	11.36	11.36	11.38	11.36	11.37
25	11.31	11.30	11.29	11.28	11.27	11.31	11.27	11.29
26	11.25	11.24	11.23	11.22	11.21	11.25	11.21	11.23
27	11.18	11.17	11.16	11.15	11.14	11.18	11.14	11.16
28	11.12	11.12	11.11	11.11	11.10	11.12	11.10	11.11
29	11.08	11.08	11.08	11.08	11.07	11.08	11.07	11.08
30	11.06	11.06	11.05	11.05	11.04	11.06	11.04	11.05
31	11.02	11.02	11.02	11.02	11.01	11.02	11.01	11.02

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	10.99	10.99	10.98	10.98	10.97	10.99	10.97	10.98
2	10.93	10.93	10.92	10.92	10.91	10.93	10.91	10.92
3	10.94	10.94	10.94	10.94	10.94	10.94	10.94	10.94
4	10.93	10.93	10.93	10.93	10.93	10.93	10.93	10.93
5	10.94	10.94	10.94	10.95	10.95	10.95	10.94	10.94
6	10.96	10.97	10.98	11.04	11.07	11.07	10.96	11.00
7	11.13	11.15	11.16	11.17	11.18	11.18	11.13	11.16
8	11.21	11.21	11.22	11.22	11.24	11.24	11.21	11.22
9	11.26	11.27	11.27	11.27	11.27	11.27	11.26	11.27
10	11.27	11.28	11.28	11.28	11.27	11.28	11.27	11.28
11	11.24	11.24	11.23	11.23	11.22	11.24	11.22	11.23
12	11.16	11.14	11.12	11.09	11.06	11.16	11.06	11.11
13	10.96	10.94	10.92	10.90	10.88	10.96	10.88	10.92
14	10.77	10.75	10.73	10.71	10.69	10.77	10.69	10.73
15	10.66	10.66	10.65	10.65	10.65	10.66	10.65	10.65
16	10.64	10.64	10.64	10.63	10.63	10.64	10.63	10.64
17	10.60	10.59	10.58	10.57	10.55	10.60	10.55	10.58
18	10.51	10.50	10.49	10.48	10.46	10.51	10.46	10.49
19	10.39	10.37	10.36	10.34	10.32	10.39	10.32	10.36
20	10.25	10.24	10.23	10.22	10.21	10.25	10.21	10.23
21	10.20	10.20	10.20	10.20	10.19	10.20	10.19	10.20
22	10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19
23	10.19	10.19	10.20	10.20	10.20	10.20	10.19	10.20
24	10.22	10.22	10.23	10.23	10.24	10.24	10.22	10.23
25	10.30	10.31	10.33	10.35	10.38	10.38	10.30	10.33
26	10.50	10.52	10.54	10.55	10.56	10.56	10.50	10.53
27	10.64	10.65	10.67	10.68	10.70	10.70	10.64	10.67
28	10.74	10.75	10.77	10.79	10.81	10.81	10.74	10.77
29	10.87	10.89	10.91	10.93	10.95	10.95	10.87	10.91
30	11.01	11.02	11.03	11.04	11.05	11.05	11.01	11.03
31	11.10	11.11	11.12	11.13	11.14	11.14	11.10	11.12

GAUGE READING STATEMENT
Station: SG5 BELUA BAZAR
River : ATAI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	11.17	11.18	11.19	11.20	11.21	11.21	11.17	11.19
2	11.22	11.22	11.23	11.23	11.24	11.24	11.22	11.23
3	11.26	11.26	11.26	11.26	11.26	11.26	11.26	11.26
4	11.25	11.25	11.25	11.24	11.24	11.25	11.24	11.25
5	11.20	11.19	11.18	11.17	11.16	11.20	11.16	11.18
6	11.11	11.10	11.08	11.07	11.05	11.11	11.05	11.08
7	10.98	10.97	10.95	10.93	10.91	10.98	10.91	10.95
8	10.83	10.81	10.79	10.77	10.75	10.83	10.75	10.79
9	10.67	10.65	10.63	10.61	10.59	10.67	10.59	10.63
10	10.52	10.50	10.48	10.46	10.45	10.52	10.45	10.48
11	10.39	10.38	10.37	10.36	10.35	10.39	10.35	10.37
12	10.33	10.33	10.37	10.40	10.41	10.41	10.33	10.37
13	10.44	10.46	10.47	10.47	10.48	10.48	10.44	10.46
14	10.48	10.47	10.47	10.46	10.46	10.48	10.46	10.47
15	10.41	10.40	10.40	10.40	10.40	10.41	10.40	10.40
16	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40
17	10.40	10.40	10.40	10.41	10.41	10.41	10.40	10.40
18	10.41	10.42	10.42	10.43	10.44	10.44	10.41	10.42
19	10.48	10.50	10.52	10.54	10.56	10.56	10.48	10.52
20	10.65	10.67	10.69	10.71	10.72	10.72	10.65	10.69
21	10.80	10.81	10.83	10.84	10.85	10.85	10.80	10.83
22	10.90	10.90	10.91	10.91	10.92	10.92	10.90	10.91
23	10.85	10.92	10.92	10.91	10.91	10.92	10.85	10.90
24	10.92	10.84	10.86	10.86	10.85	10.92	10.84	10.87
25	10.77	10.75	10.73	10.71	10.69	10.77	10.69	10.73
26	10.62	10.60	10.59	10.62	10.66	10.66	10.59	10.62
27	10.82	10.84	10.96	11.02	11.06	11.06	10.82	10.94
28	11.13	11.14	11.15	11.16	11.17	11.17	11.13	11.15
29	11.22	11.23	11.24	11.24	11.25	11.25	11.22	11.24
30	11.22	11.21	11.19	11.18	11.16	11.22	11.16	11.19
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	11.10	11.09	11.08	11.07	11.07	11.10	11.07	11.08
2	11.05	11.04	11.03	11.02	11.01	11.05	11.01	11.03
3	10.91	10.89	10.85	10.83	10.80	10.91	10.80	10.86
4	10.73	10.71	10.69	10.68	10.67	10.73	10.67	10.70
5	10.63	10.62	10.61	10.60	10.59	10.63	10.59	10.61
6	10.55	10.54	10.53	10.52	10.51	10.55	10.51	10.53
7	10.45	10.44	10.42	10.40	10.37	10.45	10.37	10.42
8	10.26	10.24	10.22	10.20	10.18	10.26	10.18	10.22
9	10.08	10.06	10.04	10.04	10.02	10.08	10.02	10.05
10	9.94	9.92	9.90	9.88	9.86	9.94	9.86	9.90
11	9.68	9.76	9.74	9.72	9.70	9.76	9.68	9.72
12	9.64	9.63	9.61	9.60	9.58	9.64	9.58	9.61
13	9.51	9.50	9.48	9.46	9.44	9.51	9.44	9.48
14	9.56	9.62	9.70	9.77	9.83	9.83	9.56	9.70
15	9.91	9.93	9.94	9.95	9.96	9.96	9.91	9.94
16	9.94	9.94	9.94	9.93	9.92	9.94	9.92	9.93
17	9.89	9.91	9.94	9.97	10.00	10.00	9.89	9.94
18	10.04	10.04	10.04	10.03	10.02	10.04	10.02	10.03
19	9.94	9.92	9.89	9.86	9.84	9.94	9.84	9.89
20	9.64	9.60	9.57	9.56	9.56	9.64	9.56	9.59
21	9.50	9.50	9.51	9.51	9.52	9.52	9.50	9.51
22	9.55	9.55	9.56	9.56	9.56	9.56	9.55	9.56
23	9.55	9.55	9.55	9.54	9.54	9.55	9.54	9.55
24	9.52	9.51	9.50	9.49	9.48	9.52	9.48	9.50
25	9.44	9.43	9.41	9.40	9.39	9.44	9.39	9.41
26	9.33	9.32	9.31	9.30	9.29	9.33	9.29	9.31
27	9.23	9.23	9.24	9.25	9.26	9.26	9.23	9.24
28	9.34	9.34	9.35	9.35	9.34	9.35	9.34	9.34
29	9.29	9.29	9.28	9.28	9.27	9.29	9.27	9.28
30	9.23	9.23	9.22	9.22	9.21	9.23	9.21	9.22
31	9.19	9.19	9.18	9.18	9.17	9.19	9.17	9.18

GAUGE READING STATEMENT
Station: SG7 CHARAN KALIATI
River : FATIKJANI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79
16	9.83	9.83	9.85	9.86	9.86	9.86	9.83	9.85
17	9.85	9.85	9.85	9.85	9.85	9.85	9.85	9.85
18	9.85	9.85	9.85	9.85	9.85	9.85	9.85	9.85
19	9.85	9.85	9.85	9.85	9.84	9.85	9.84	9.85
20	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86
21	9.88	9.88	9.88	9.88	9.88	9.88	9.88	9.88
22	9.88	9.88	9.89	9.89	9.89	9.89	9.88	9.89
23	9.89	9.89	9.89	9.89	9.89	9.89	9.89	9.89
24	9.89	9.88	9.88	9.87	9.87	9.89	9.87	9.88
25	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86
26	9.86	9.86	9.86	9.86	9.85	9.86	9.85	9.86
27	9.83	9.83	9.82	9.82	9.81	9.83	9.81	9.82
28	9.80	9.80	9.79	9.79	9.79	9.80	9.79	9.79
29	9.78	9.77	9.77	9.77	9.76	9.78	9.76	9.77
30	9.75	9.75	9.75	9.75	9.74	9.75	9.74	9.75
31	9.72	9.74	9.74	9.74	9.73	9.74	9.72	9.73

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.72	9.72	9.71	9.71	9.71	9.72	9.71	9.71
2	9.69	9.69	9.68	9.68	9.67	9.69	9.67	9.68
3	9.70	9.70	9.70	9.70	9.69	9.70	9.69	9.70
4	9.68	9.68	9.68	9.68	9.68	9.68	9.68	9.68
5	9.67	9.67	9.67	9.67	9.67	9.67	9.67	9.67
6	9.66	9.66	9.70	9.70	9.71	9.71	9.66	9.69
7	9.74	9.74	9.75	9.75	9.75	9.75	9.74	9.75
8	9.76	9.76	9.77	9.77	9.77	9.77	9.76	9.77
9	9.78	9.78	9.79	9.79	9.79	9.79	9.78	9.79
10	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79
11	9.79	9.79	9.79	9.79	9.78	9.79	9.78	9.79
12	9.75	9.74	9.73	9.72	9.72	9.75	9.72	9.73
13	9.67	9.66	9.65	9.65	9.64	9.67	9.64	9.65
14	9.59	9.57	9.56	9.55	9.54	9.59	9.54	9.56
15	9.49	9.48	9.48	9.47	9.47	9.49	9.47	9.48
16	9.48	9.48	9.48	9.48	9.48	9.48	9.48	9.48
17	9.46	9.46	9.45	9.45	9.44	9.46	9.44	9.45
18	9.41	9.41	9.40	9.40	9.39	9.41	9.39	9.40
19	9.36	9.36	9.35	9.35	9.34	9.36	9.34	9.35
20	9.30	9.29	9.28	9.28	9.27	9.30	9.27	9.28
21	9.24	9.24	9.23	9.22	9.21	9.24	9.21	9.23
22	9.20	9.20	9.19	9.19	9.18	9.20	9.18	9.19
23	9.17	9.17	9.16	9.16	9.16	9.17	9.16	9.16
24	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14
25	9.14	9.14	9.14	9.14	9.15	9.15	9.14	9.14
26	9.25	9.26	9.27	9.28	9.30	9.30	9.25	9.27
27	9.31	9.31	9.32	9.33	9.34	9.34	9.31	9.32
28	9.36	9.36	9.36	9.37	9.37	9.37	9.36	9.36
29	9.40	9.40	9.41	9.41	9.41	9.41	9.40	9.41
30	9.45	9.46	9.47	9.47	9.48	9.48	9.45	9.47
31	9.50	9.51	9.51	9.51	9.51	9.51	9.50	9.51

GAUGE READING STATEMENT
Station: SG7 CHARAN KALIATI
River : FATIKJANI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.54	9.54	9.55	9.56	9.56	9.56	9.54	9.55
2	9.58	9.59	9.59	9.59	9.59	9.59	9.58	9.59
3	9.60	9.60	9.60	9.60	9.60	9.60	9.60	9.60
4	9.60	9.60	9.60	9.60	9.61	9.61	9.60	9.60
5	9.61	9.61	9.62	9.64	9.64	9.64	9.61	9.62
6	9.62	9.62	9.61	9.61	9.61	9.62	9.61	9.61
7	9.59	9.58	9.58	9.57	9.56	9.59	9.56	9.58
8	9.53	9.53	9.52	9.51	9.51	9.53	9.51	9.52
9	9.47	9.47	9.46	9.45	9.45	9.47	9.45	9.46
10	9.40	9.40	9.39	9.39	9.38	9.40	9.38	9.39
11	9.34	9.33	9.33	9.32	9.32	9.34	9.32	9.33
12	9.33	9.33	9.34	9.35	9.36	9.36	9.33	9.34
13	9.41	9.43	9.43	9.44	9.45	9.45	9.41	9.43
14	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45
15	9.43	9.42	9.42	9.42	9.42	9.43	9.42	9.42
16	9.40	9.39	9.39	9.39	9.38	9.40	9.38	9.39
17	9.37	9.37	9.37	9.36	9.36	9.37	9.36	9.37
18	9.35	9.35	9.35	9.35	9.35	9.35	9.35	9.35
19	9.35	9.35	9.35	9.36	9.36	9.36	9.35	9.35
20	9.37	9.38	9.39	9.39	9.39	9.39	9.37	9.38
21	9.42	9.42	9.43	9.44	9.44	9.44	9.42	9.43
22	9.45	9.45	9.46	9.47	9.47	9.47	9.45	9.46
23	9.48	9.48	9.48	9.49	9.49	9.49	9.48	9.48
24	9.47	9.47	9.47	9.47	9.47	9.47	9.47	9.47
25	9.47	9.48	9.48	9.48	9.48	9.48	9.47	9.48
26	9.49	9.49	9.49	9.50	9.51	9.51	9.49	9.50
27	9.60	9.61	9.63	9.66	9.68	9.68	9.60	9.64
28	9.77	9.78	9.78	9.79	9.79	9.79	9.77	9.78
29	9.81	9.82	9.82	9.82	9.82	9.82	9.81	9.82
30	9.83	9.83	9.83	9.83	9.83	9.83	9.83	9.83
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.82	9.82	9.81	9.81	9.80	9.82	9.80	9.81
2	9.77	9.77	9.77	9.77	9.76	9.77	9.76	9.77
3	9.75	9.75	9.74	9.73	9.72	9.75	9.72	9.74
4	9.69	9.69	9.68	9.67	9.66	9.69	9.66	9.68
5	9.63	9.62	9.62	9.61	9.61	9.63	9.61	9.62
6	9.63	9.62	9.62	9.61	9.61	9.63	9.61	9.62
7	9.57	9.56	9.55	9.55	9.54	9.57	9.54	9.55
8	9.50	9.49	9.48	9.47	9.46	9.50	9.46	9.48
9	9.42	9.42	9.41	9.40	9.39	9.42	9.39	9.41
10	9.36	9.35	9.34	9.33	9.32	9.36	9.32	9.34
11	9.27	9.26	9.24	9.23	9.22	9.27	9.22	9.24
12	9.17	9.16	9.14	9.13	9.12	9.17	9.12	9.14
13	9.06	9.05	9.04	9.03	9.03	9.06	9.03	9.04
14	9.01	9.05	9.05	9.07	9.09	9.09	9.01	9.05
15	9.17	9.18	9.20	9.21	9.22	9.22	9.17	9.20
16	9.24	9.24	9.24	9.24	9.24	9.24	9.24	9.24
17	9.23	9.23	9.22	9.22	9.22	9.23	9.22	9.22
18	9.20	9.20	9.20	9.19	9.19	9.20	9.19	9.20
19	9.16	9.16	9.15	9.14	9.13	9.16	9.13	9.15
20	9.08	9.07	9.06	9.06	9.05	9.08	9.05	9.06
21	9.01	9.01	9.00	9.00	8.99	9.01	8.99	9.00
22	8.96	8.96	8.95	8.95	8.94	8.96	8.94	8.95
23	8.92	8.92	8.91	8.91	8.90	8.92	8.90	8.91
24	8.90	8.90	8.90	8.89	8.89	8.90	8.89	8.90
25	8.84	8.83	8.82	8.81	8.80	8.84	8.80	8.82
26	8.75	8.74	8.72	8.71	8.70	8.75	8.70	8.72
27	8.64	8.63	8.61	8.60	8.59	8.64	8.59	8.61
28	8.55	8.54	8.53	8.53	8.52	8.55	8.52	8.53
29	8.48	8.47	8.46	8.46	8.45	8.48	8.45	8.46
30	8.41	8.40	8.39	8.38	8.38	8.41	8.38	8.39
31	8.34	8.33	8.33	8.32	8.31	8.34	8.31	8.33

GAUGE READING STATEMENT
Station: SG8 SUROOI
River : PUNGLI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : July

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15	9.48	9.49	9.49	9.49	9.50	9.50	9.48	9.49
16	9.49	9.50	9.50	9.49	9.49	9.50	9.49	9.49
17	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50
18	9.50	9.50	9.49	9.49	9.49	9.50	9.49	9.49
19	9.57	9.57	9.57	9.59	9.59	9.59	9.57	9.58
20	9.64	9.66	9.67	9.67	9.67	9.67	9.64	9.66
21	9.64	9.66	9.66	9.66	9.65	9.66	9.64	9.65
22	9.57	9.57	9.56	9.56	9.52	9.57	9.52	9.56
23	9.45	9.43	9.42	9.40	9.40	9.45	9.40	9.42
24	9.32	9.32	9.32	9.31	9.31	9.32	9.31	9.32
25	9.26	9.26	9.26	9.26	9.26	9.26	9.26	9.26
26	9.25	9.24	9.23	9.23	9.23	9.25	9.23	9.24
27	9.23	9.23	9.23	9.23	9.22	9.23	9.22	9.23
28	9.26	9.26	9.26	9.25	9.25	9.26	9.25	9.26
29	9.25	9.25	9.27	9.26	9.26	9.27	9.25	9.26
30	9.24	9.25	9.22	9.23	9.23	9.25	9.22	9.23
31	9.18	9.18	9.21	9.24	9.21	9.24	9.18	9.20

Month : August

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.16	9.15	9.14	9.14	9.13	9.16	9.13	9.14
2	9.15	9.15	9.14	9.14	9.14	9.15	9.14	9.14
3	9.22	9.19	9.19	9.19	9.19	9.22	9.19	9.20
4	9.24	9.24	9.22	9.24	9.27	9.27	9.22	9.24
5	9.26	9.25	9.24	9.24	9.25	9.26	9.24	9.25
6	9.22	9.27	9.31	9.33	9.37	9.37	9.22	9.30
7	9.47	9.47	9.47	9.48	9.50	9.50	9.47	9.48
8	9.52	9.53	9.53	9.54	9.53	9.54	9.52	9.53
9	9.51	9.50	9.50	9.50	9.49	9.51	9.49	9.50
10	9.43	9.42	9.40	9.40	9.39	9.43	9.39	9.41
11	9.35	9.33	9.31	9.30	9.29	9.35	9.29	9.32
12	9.24	9.23	9.21	9.20	9.20	9.24	9.20	9.22
13	9.15	9.14	9.13	9.13	9.14	9.15	9.13	9.14
14	9.07	9.07	9.07	9.06	9.05	9.07	9.05	9.06
15	9.03	9.03	9.02	9.01	9.00	9.03	9.00	9.02
16	8.99	8.99	8.97	8.97	8.96	8.99	8.96	8.98
17	8.92	8.91	8.90	8.90	8.90	8.92	8.90	8.91
18	8.87	8.86	8.85	8.84	8.82	8.87	8.82	8.85
19	8.77	8.76	8.76	8.75	8.74	8.77	8.74	8.76
20	8.73	8.73	8.73	8.73	8.72	8.73	8.72	8.73
21	8.75	8.75	8.75	8.76	8.76	8.76	8.75	8.75
22	8.77	8.77	8.77	8.78	8.78	8.78	8.77	8.77
23	8.77	8.77	8.77	8.78	8.78	8.78	8.77	8.77
24	8.79	8.79	8.80	8.81	8.83	8.83	8.79	8.80
25	8.88	8.89	8.92	8.93	8.94	8.94	8.88	8.91
26	9.02	9.02	9.03	9.04	9.05	9.05	9.02	9.03
27	9.12	9.13	9.14	9.15	9.16	9.16	9.12	9.14
28	9.19	9.19	9.21	9.24	9.28	9.28	9.19	9.22
29	9.40	9.41	9.43	9.45	9.45	9.45	9.40	9.43
30	9.56	9.57	9.58	9.59	9.60	9.60	9.56	9.58
31	9.65	9.66	9.68	9.69	9.70	9.70	9.65	9.68

GAUGE READING STATEMENT
Station: SG8 SUROOI
River : PUNGLI
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

Month : September

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.70	9.71	9.72	9.73	9.73	9.73	9.70	9.72
2	9.70	9.70	9.68	9.66	9.63	9.70	9.63	9.67
3	9.61	9.60	9.62	9.61	9.59	9.62	9.59	9.61
4	9.58	9.56	9.53	9.52	9.50	9.58	9.50	9.54
5	9.42	9.40	9.39	9.38	9.34	9.42	9.34	9.39
6	9.30	9.29	9.27	9.26	9.25	9.30	9.25	9.27
7	9.19	9.17	9.17	9.14	9.10	9.19	9.10	9.15
8	9.02	9.01	9.00	8.98	8.97	9.02	8.97	9.00
9	8.93	8.92	8.92	8.91	8.90	8.93	8.90	8.92
10	8.89	8.88	8.87	8.85	8.83	8.89	8.83	8.86
11	8.86	8.85	8.85	8.86	8.87	8.87	8.85	8.86
12	8.92	8.92	8.94	8.96	8.98	8.98	8.92	8.94
13	8.98	8.98	9.00	9.00	8.99	9.00	8.98	8.99
14	8.93	8.93	8.92	8.91	8.91	8.93	8.91	8.92
15	8.95	8.95	8.95	8.96	8.97	8.97	8.95	8.96
16	8.99	9.00	9.01	9.01	9.02	9.02	8.99	9.01
17	9.02	9.02	9.02	9.03	9.03	9.03	9.02	9.02
18	9.06	9.07	9.09	9.12	9.13	9.13	9.06	9.09
19	9.21	9.22	9.23	9.25	9.28	9.28	9.21	9.24
20	9.35	9.37	9.39	9.40	9.42	9.42	9.35	9.39
21	9.45	9.46	9.47	9.47	9.48	9.48	9.45	9.47
22	9.48	9.48	9.48	9.48	9.48	9.48	9.48	9.48
23	9.43	9.42	9.41	9.41	9.39	9.43	9.39	9.41
24	9.30	9.29	9.28	9.27	9.26	9.30	9.26	9.28
25	9.18	9.16	9.14	9.13	9.12	9.18	9.12	9.15
26	9.00	8.99	8.97	8.95	8.98	9.00	8.95	8.98
27	9.00	9.01	9.02	9.03	9.04	9.04	9.00	9.02
28	9.08	9.09	9.09	9.10	9.11	9.11	9.08	9.09
29	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12
30	9.09	9.09	9.07	9.06	9.04	9.09	9.04	9.07
31								

Month : October

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	8.97	8.96	8.96	8.95	8.95	8.97	8.95	8.96
2	8.91	8.90	8.89	8.89	8.88	8.91	8.88	8.89
3	8.85	8.85	8.85	8.84	8.84	8.85	8.84	8.85
4	8.83	8.83	8.86	8.87	8.89	8.89	8.83	8.86
5	8.94	8.94	8.95	8.96	8.96	8.96	8.94	8.95
6	8.93	8.93	8.93	8.92	8.92	8.93	8.92	8.93
7	8.82	8.81	8.81	8.79	8.78	8.82	8.78	8.80
8	8.69	8.69	8.68	8.67	8.66	8.69	8.66	8.68
9	8.57	8.57	8.57	8.56	8.56	8.57	8.56	8.57
10	8.54	8.54	8.51	8.51	8.54	8.54	8.51	8.53
11	8.50	8.50	8.49	8.48	8.47	8.50	8.47	8.49
12	8.44	8.44	8.42	8.41	8.40	8.44	8.40	8.42
13	8.37	8.37	8.36	8.34	8.34	8.37	8.34	8.36
14	8.30	8.30	8.29	8.28	8.26	8.30	8.26	8.29
15	8.24	8.24	8.22	8.21	8.19	8.24	8.19	8.22
16	8.17	8.17	8.16	8.15	8.15	8.17	8.15	8.16
17	8.17	8.17	8.17	8.16	8.16	8.17	8.16	8.17
18	8.14	8.12	8.11	8.11	8.09	8.14	8.09	8.11
19	8.12	8.11	8.11	8.09	8.07	8.12	8.07	8.10
20	8.11	8.10	8.10	8.08	8.06	8.11	8.06	8.09
21	8.22	8.22	8.21	8.20	8.19	8.22	8.19	8.21
22	8.19	8.19	8.20	8.21	8.21	8.21	8.19	8.20
23	8.34	8.34	8.34	8.34	8.33	8.34	8.33	8.34
24	8.30	8.29	8.29	8.28	8.27	8.30	8.27	8.29
25	8.23	8.23	8.22	8.21	8.20	8.23	8.20	8.22
26	8.13	8.12	8.11	8.11	8.10	8.13	8.10	8.11
27	8.05	8.05	8.04	8.03	8.02	8.05	8.02	8.04
28	7.97	7.96	7.94	7.93	7.91	7.97	7.91	7.94
29	7.86	7.86	7.84	7.82	7.82	7.86	7.82	7.84
30	7.79	7.78	7.78	7.77	7.77	7.79	7.77	7.78
31	7.70	7.69	7.68	7.67	7.66	7.70	7.66	7.68

GAUGE READING STATEMENT
Month : November
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

STATION : S1 PATHERGATA

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	4.92	4.91	4.89	4.87	4.86	4.92	4.86	4.89
2	4.79	4.77	4.76	4.75	4.74	4.79	4.74	4.76
3	4.68	4.66	4.65	4.64	4.63	4.68	4.63	4.65
4	4.59	4.57	4.55	4.54	4.53	4.59	4.53	4.56
5	4.46	4.45	4.44	4.43	4.42	4.46	4.42	4.44
6	4.37	4.35	4.33	4.32	4.32	4.37	4.32	4.34
7	4.26	4.25	4.24	4.23	4.23	4.26	4.23	4.24
8	4.20	4.19	4.18	4.17	4.17	4.20	4.17	4.18
9	4.13	4.12	4.11	4.11	4.10	4.13	4.10	4.11
10	4.07	4.07	4.06	4.05	4.05	4.07	4.05	4.06
11	4.03	4.02	4.02	4.01	4.01	4.03	4.01	4.02
12	4.00	4.00	3.99	3.99	3.97	4.00	3.97	3.99
13	3.96	3.95	3.95	3.95	3.94	3.96	3.94	3.95
14	3.94	3.94	3.93	3.92	3.92	3.94	3.92	3.93
15	3.90	3.90	3.87	3.85	3.85	3.90	3.85	3.87

STATION : S2 BASAI

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	6.81	6.80	6.79	6.78	6.77	6.81	6.77	6.79
2	6.71	6.70	6.69	6.68	6.67	6.71	6.67	6.69
3	6.62	6.61	6.60	6.59	6.58	6.62	6.58	6.60
4	6.55	6.54	6.54	6.54	6.43	6.55	6.43	6.52
5	6.43	6.43	6.43	6.43	6.54	6.54	6.43	6.45
6	6.56	6.56	6.56	6.56	6.54	6.56	6.54	6.56
7	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54
8	6.54	6.55	6.55	6.55	6.55	6.55	6.54	6.55
9	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54
10	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43
11	6.56	6.52	6.52	6.52	6.51	6.56	6.51	6.53
12	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51
13	6.51	6.51	6.51	6.50	6.50	6.51	6.50	6.51
14	6.50	6.50	6.49	6.49	6.49	6.50	6.49	6.49
15	6.48	6.48	6.48	6.48	6.47	6.48	6.47	6.48

STATION : S4 ICHAPUR

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	8.59	8.59	8.58	8.58	8.58	8.59	8.58	8.58
2	8.57	8.57	8.57	8.56	8.56	8.57	8.56	8.57
3	8.55	8.55	8.54	8.54	8.54	8.55	8.54	8.54
4	8.53	8.53	8.52	8.52	8.51	8.53	8.51	8.52
5	8.47	8.47	8.47	8.47	8.47	8.47	8.47	8.47
6	8.47	8.47	8.47	8.46	8.46	8.47	8.46	8.47
7	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
8	8.46	8.46	8.46	8.46	8.46	8.46	8.46	8.46
9	8.46	8.46	8.44	8.44	8.44	8.46	8.44	8.45
10	8.42	8.42	8.42	8.42	8.42	8.42	8.42	8.42
11	8.42	8.42	8.42	8.43	8.43	8.43	8.42	8.42
12	7.94	7.94	8.43	8.43	8.43	8.43	7.94	8.23
13	8.42	8.42	8.42	8.41	8.41	8.42	8.41	8.42
14	8.40	8.40	8.40	8.39	8.39	8.40	8.39	8.40
15	8.39	8.39	8.38	8.38	8.38	8.39	8.38	8.38

STATION : S5 BHUAPUR

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	8.84	8.83	8.83	8.82	8.81	8.84	8.81	8.83
2	8.80	8.80	8.80	8.79	8.78	8.80	8.78	8.79
3	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79
4	8.79	8.79	8.79	8.78	8.77	8.79	8.77	8.78
5	8.74	8.73	8.72	8.71	8.71	8.74	8.71	8.72
6	8.67	8.66	8.66	8.66	8.66	8.67	8.66	8.66
7	8.66	8.66	8.86	8.86	8.85	8.86	8.66	8.78
8	8.82	8.82	8.81	8.80	8.80	8.82	8.80	8.81
9	8.77	8.77	8.76	8.76	8.75	8.77	8.75	8.76
10	8.71	8.70	8.70	8.70	8.69	8.71	8.69	8.70
11	8.67	8.67	8.66	8.66	8.66	8.67	8.66	8.66
12	8.66	8.66	8.66	8.66	8.66	8.66	8.66	8.66
13	8.66	8.66	8.66	8.66	8.66	8.66	8.66	8.66
14	8.66	8.66	8.66	8.66	8.66	8.66	8.66	8.66
15	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65

GAUGE READING STATEMENT
Month : November
Year : 1992

SOURCE : FAP3 - North Central Regional Study
Hydrological Studies-1992

STATION : S6 SAKHARIA

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04
2	12.03	12.03	12.03	12.03	12.02	12.03	12.02	12.03
3	12.02	12.02	12.02	12.01	12.01	12.02	12.01	12.02
4	11.99	11.99	11.99	11.99	11.99	11.99	11.99	11.99
5	11.98	11.98	11.98	11.98	11.98	11.98	11.98	11.98
6	11.98	11.98	11.98	11.98	11.97	11.98	11.97	11.98
7	11.97	11.97	11.97	11.97	11.97	11.97	11.97	11.97
8	11.97	11.97	11.97	11.96	11.96	11.97	11.96	11.97
9	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95
10	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95
11	11.94	11.94	11.94	11.93	11.93	11.94	11.93	11.94
12	11.92	11.92	11.92	11.92	11.91	11.92	11.91	11.92
13	11.91	11.91	11.91	11.91	11.91	11.91	11.91	11.91
14	11.91	11.91	11.91	11.91	11.89	11.91	11.89	11.91
15	11.91	11.91	11.91	11.88	11.88	11.91	11.88	11.90

STATION : SG2 KAYRA

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	11.70	11.70	11.70	11.69	11.69	11.70	11.69	11.70
2	11.68	11.68	11.68	11.67	11.67	11.68	11.67	11.68
3	11.66	11.66	11.66	11.66	11.66	11.66	11.66	11.66
4	11.64	11.64	11.64	11.65	11.65	11.65	11.64	11.64
5	11.64	11.64	11.64	11.64	11.64	11.64	11.64	11.64
6	11.63	11.63	11.62	11.62	11.61	11.63	11.61	11.62
7	11.60	11.60	11.60	11.59	11.59	11.60	11.59	11.60
8	11.58	11.58	11.58	11.59	11.60	11.60	11.58	11.59
9	11.59	11.59	11.58	11.58	11.58	11.59	11.58	11.58
10	11.59	11.59	11.58	11.58	11.58	11.59	11.58	11.58
11	11.57	11.56	11.56	11.55	11.55	11.57	11.55	11.56
12	11.54	11.54	11.54	11.53	11.53	11.54	11.53	11.54
13	11.51	11.51	11.52	11.52	11.53	11.53	11.51	11.52
14	11.53	11.53	11.51	11.50	11.49	11.53	11.49	11.51
15	11.48	11.47	11.47	11.46	11.47	11.48	11.46	11.47

STATION : SG5 BELUA BAZAR

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	9.17	9.16	9.15	9.14	9.13	9.17	9.13	9.15
2	8.99	8.97	8.94	8.92	8.90	8.99	8.90	8.94
3	8.89	8.89	8.89	8.89	8.89	8.89	8.89	8.89
4	8.88	8.88	8.88	8.88	8.89	8.89	8.88	8.88
5	8.92	8.92	8.92	8.91	8.91	8.92	8.91	8.92
6	8.90	8.90	8.89	8.88	8.87	8.90	8.87	8.89
7	8.85	8.85	8.85	8.84	8.84	8.85	8.84	8.85
8	8.82	8.82	8.81	8.81	8.80	8.82	8.80	8.81
9	8.79	8.79	8.79	8.79	8.79	8.79	8.79	8.79
10	8.79	8.78	8.78	8.78	8.78	8.79	8.78	8.78
11	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77
12	8.77	8.76	8.76	8.76	8.76	8.77	8.76	8.76
13	8.75	8.75	8.75	8.76	8.76	8.76	8.75	8.75
14	8.78	8.78	8.78	8.78	8.77	8.78	8.77	8.78
15	8.76	8.76	8.78	8.76	8.75	8.78	8.75	8.76

STATION : SG7 CHARAN

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	8.25	8.24	8.23	8.22	8.21	8.25	8.21	8.23
2	8.22	8.15	8.14	8.13	8.12	8.22	8.12	8.15
3	8.05	8.04	8.03	8.02	8.02	8.05	8.02	8.03
4	7.98	7.98	7.97	7.97	7.96	7.98	7.96	7.97
5	7.92	7.91	7.91	7.90	7.89	7.92	7.89	7.91
6	7.85	7.85	7.84	7.84	7.83	7.85	7.83	7.84
7	7.80	7.80	7.79	7.79	7.78	7.80	7.78	7.79
8	7.75	7.75	7.74	7.74	7.73	7.75	7.73	7.74
9	7.71	7.71	7.70	7.70	7.70	7.71	7.70	7.70
10	7.68	7.68	7.67	7.67	7.67	7.68	7.67	7.67
11	7.66	7.66	7.66	7.66	7.65	7.66	7.65	7.66
12	7.64	7.64	7.64	7.63	7.63	7.64	7.63	7.64
13	7.61	7.61	7.61	7.61	7.60	7.61	7.60	7.61
14	7.59	7.59	7.59	7.59	7.59	7.59	7.59	7.59
15	7.58	7.58	7.58	7.58	7.57	7.58	7.57	7.58

GAUGE READING STATEMENT

Month : November

Year : 1992

STATION : SG8 SUROOI

Hour Date	0600 WL	0900 WL	1200 WL	1500 WL	1800 WL	Max WL	Min WL	Average WL
1	7.64	7.63	7.61	7.60	7.59	7.64	7.59	7.61
2	7.52	7.52	7.51	7.50	7.49	7.52	7.49	7.51
3	7.43	7.42	7.41	7.40	7.39	7.43	7.39	7.41
4	7.34	7.33	7.32	7.31	7.30	7.34	7.30	7.32
5	7.29	7.29	7.29	7.29	7.29	7.29	7.29	7.29
6	7.28	7.28	7.27	7.27	7.27	7.28	7.27	7.27
7	7.26	7.26	7.25	7.25	7.24	7.26	7.24	7.25
8	7.23	7.23	7.22	7.22	7.22	7.23	7.22	7.22
9	7.19	7.19	7.18	7.18	6.97	7.19	6.97	7.14
10	7.15	7.15	7.14	7.14	7.14	7.15	7.14	7.14
11	7.12	7.12	7.11	7.10	7.10	7.12	7.10	7.11
12	7.07	7.07	7.06	7.06	7.05	7.07	7.05	7.06
13	7.03	7.03	7.02	7.02	7.02	7.03	7.02	7.02
14	6.99	6.99	6.98	6.97	6.97	6.99	6.97	6.98
15	6.95	6.95	6.94	6.94	6.94	6.95	6.94	6.94

FLOW MEASUREMENT TABLE
Date: 27-07-92
Station: Dhalapara S3

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	3.50	0.00	(R.E.W.)					0.000
1	7.50	1.60		0.8	8	100	0.08	0.057
				0.2	10	"	0.10	0.070
2	9.50	2.50		0.8	12	"	0.12	0.084
				0.2	14	"	0.14	0.097
3	11.50	3.10		0.8	13	"	0.13	0.090
				0.2	18	"	0.18	0.123
4	13.50	3.50		0.8	18	"	0.18	0.123
				0.2	26	"	0.26	0.176
5	15.50	3.50		0.8	24	"	0.24	0.163
				0.2	26	"	0.26	0.176
6	17.50	3.55		0.8	22	"	0.22	0.140
				0.2	26	"	0.26	0.176
7	19.50	3.55		0.8	22	"	0.22	0.149
				0.2	26	"	0.26	0.176
8	21.50	3.70		0.8	18	"	0.18	0.123
				0.2	26	"	0.26	0.176
9	23.50	3.90		0.8	20	"	0.20	0.136
				0.2	26	"	0.26	0.176
10	24.50	3.90		0.8	28	"	0.28	0.189
				0.2	30	"	0.30	0.202
11	22.50	4.00		0.8	30	"	0.30	0.202
				0.2	32	"	0.32	0.215
12	26.50	4.00		0.8	28	"	0.28	0.189
				0.2	30	"	0.30	0.202
13	27.50	4.00		0.8	24	"	0.24	0.163
				0.2	26	"	0.26	0.176
14	28.50	4.00		0.8	20	"	0.20	0.136
				0.2	22	"	0.22	0.149
15	29.50	3.90		0.8	30	"	0.30	0.202
				0.2	32	"	0.32	0.215
16	30.50	3.90		0.8	20	"	0.20	0.136
				0.2	22	"	0.22	0.149
17	31.50	3.80		0.8	22	"	0.22	0.149
				0.2	26	"	0.26	0.176
18	32.50	3.60		0.8	18	"	0.18	0.123
				0.2	20	"	0.20	0.136
19	34.50	3.50		0.8	22	"	0.22	0.149
				0.2	24	"	0.24	0.163
20	36.50	3.40		0.8	20	"	0.20	0.136
				0.2	22	"	0.22	0.149
21	38.50	3.30		0.8	20	"	0.20	0.136
				0.2	22	"	0.22	0.149
22	40.50	2.70		0.8	18	"	0.18	0.123
				0.2	20	"	0.20	0.136
23	42.50	2.00		0.8	12	"	0.12	0.084
				0.2	14	"	0.14	0.097
24	46.50	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 27-07-92
Station: Dhalapara S3

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.032	4.00	0.80	3.20	0.10
1	0.057	0.064					
	0.070		0.078	2.00	2.05	4.10	0.32
2	0.084	0.091					
	0.097		0.099	2.00	2.80	5.60	0.55
3	0.090	0.107					
	0.123		0.129	2.00	3.30	6.60	0.85
4	0.123	0.150					
	0.176		0.160	2.00	3.50	7.00	1.12
5	0.163	0.170					
	0.176		0.167	2.00	3.53	7.06	1.18
6	0.149	0.163					
	0.176		0.163	2.00	3.55	7.10	1.16
7	0.149	0.163					
	0.176		0.157	2.00	3.63	7.26	1.14
8	0.123	0.150					
	0.176		0.153	2.00	3.80	7.60	1.16
9	0.136	0.156					
	0.176		0.176	1.00	3.90	3.90	0.69
10	0.189	0.196					
	0.202		0.203	1.00	3.95	3.95	0.80
11	0.202	0.209					
	0.215		0.203	1.00	4.00	4.00	0.81
12	0.189	0.196					
	0.202		0.183	1.00	4.00	4.00	0.73
13	0.163	0.170					
	0.176		0.157	1.00	4.00	4.00	0.63
14	0.136	0.143					
	0.149		0.176	1.00	3.95	3.95	0.70
15	0.202	0.209					
	0.215		0.176	1.00	3.90	3.90	0.69
16	0.136	0.143					
	0.149		0.153	1.00	3.85	3.85	0.59
17	0.149	0.163					
	0.176		0.147	1.00	3.70	3.70	0.54
18	0.123	0.130					
	0.136		0.143	2.00	3.55	7.10	1.02
19	0.149	0.156					
	0.163		0.150	2.00	3.45	6.90	1.04
20	0.136	0.143					
	0.149		0.143	2.00	3.35	6.70	0.96
21	0.138	0.143					
	0.140		0.14	2.00	3.00	6.00	0.82
22	0.123	0.130					
	0.136		0.11	2.00	2.35	4.70	0.52
23	0.084	0.091					
	0.097		0.05	4.00	1.00	4.00	0.18
24	0.000	0.000					
				43.00		126.17	18.30

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FLOW MEASUREMENT TABLE
Date: 10-08-92
Station: Dhalapara S3

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	3.80	0.00	(R.E.W.)		-	-	-	0.000
1	6.80	1.30		0.6	-	100	-	0.000
2	9.80	2.50		0.8	-	"	-	0.000
				0.2	30	"	0.30	0.202
3	11.80	3.20		0.8	-	"	-	0.000
				0.2	40	"	0.40	0.268
4	13.80	3.00		0.8	-	"	-	0.000
				0.2	50	"	0.50	0.334
5	15.80	3.40		0.8	-	"	-	0.000
				0.2	54	"	0.54	0.360
6	17.80	3.50		0.8	-	"	-	0.000
				0.2	52	"	0.52	0.347
7	19.80	3.80		0.8	-	"	-	0.000
				0.2	62	"	0.62	0.413
8	20.80	3.70		0.8	-	"	-	0.000
				0.2	60	"	0.60	0.400
9	21.80	3.70		0.8	-	"	-	0.000
				0.2	60	"	0.60	0.400
10	22.80	3.80		0.8	-	"	-	0.000
				0.2	54	"	0.54	0.360
11	23.80	3.90		0.8	-	"	-	0.000
				0.2	58	"	0.58	0.387
12	24.80	3.90		0.8	-	"	-	0.000
				0.2	60	"	0.60	0.400
13	25.80	3.90		0.8	-	"	-	0.000
				0.2	58	"	0.58	0.387
14	26.80	3.90		0.8	-	"	-	0.000
				0.2	60	"	0.60	0.400
15	27.80	3.90		0.8	-	"	-	0.000
				0.2	60	"	0.60	0.400
16	29.80	3.90		0.8	-	"	-	0.000
				0.2	60	"	0.60	0.400
17	31.80	3.80		0.8	-	"	-	0.000
				0.2	62	"	0.62	0.413
18	33.80	3.60		0.8	-	"	-	0.000
				0.2	58	"	0.58	0.387
19	36.80	3.50		0.8	-	"	-	0.000
				0.2	46	"	0.46	0.308
20	39.80	3.20		0.8	-	"	-	0.000
				0.2	46	"	0.46	0.308
21	42.80	2.40		0.8	-	"	-	0.000
				0.2	22	"	0.22	0.149
22	45.80	0.70		0.6	_	"	-	0.000
23	48.80	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 10-08-92
Station: Dhalapara S3

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.000	3.00	0.65	1.95	0.00
1	0.000	0.000					
			0.051	3.00	1.90	5.70	0.29
2	0.000	0.101					
	0.202		0.118	2.00	2.85	5.70	0.67
3	0.000	0.134					
	0.268		0.151	2.00	3.10	6.20	0.94
4	0.000	0.167					
	0.334		0.174	2.00	3.20	6.40	1.11
5	0.000	0.180					
	0.360		0.177	2.00	3.45	6.90	1.22
6	0.000	0.174					
	0.347		0.191	2.00	3.65	7.30	1.39
7	0.000	0.207					
	0.413		0.204	1.00	3.75	3.75	0.77
8	0.000	0.200					
	0.400		0.200	1.00	3.70	3.70	0.74
9	0.000	0.200					
	0.400		0.190	1.00	3.75	3.75	0.71
10	0.000	0.180					
	0.360		0.187	1.00	3.85	3.85	0.72
11	0.000	0.194					
	0.387		0.197	1.00	3.90	3.90	0.77
12	0.000	0.200					
	0.400		0.197	1.00	3.90	3.90	0.77
13	0.000	0.194					
	0.387		0.197	1.00	3.90	3.90	0.77
14	0.000	0.200					
	0.400		0.200	1.00	3.90	3.90	0.78
15	0.000	0.200					
	0.400		0.200	2.00	3.90	7.80	1.56
16	0.000	0.200					
	0.400		0.204	2.00	3.85	7.70	1.57
17	0.000	0.207					
	0.413		0.201	2.00	3.70	7.40	1.49
18	0.000	0.194					
	0.387		0.174	3.00	3.55	10.65	1.85
19	0.000	0.154					
	0.308		0.154	3.00	3.35	10.05	1.55
20	0.000	0.154					
	0.308		0.115	3.00	2.80	8.40	0.97
21	0.000	0.075					
	0.149		0.038	3.00	1.55	4.65	0.18
22	0.000	0.000					
			0.000	3.00	0.35	1.05	0.00
23	0.000	0.000					
				45.00		128.50	20.82

M.V. = 0.82/128.50
= 0.16 M/Sec.

FLOW MEASUREMENT TABLE
Date: 24-08-92
Station: Dhalapara S3

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	5.00	0.00	(R.E.W.)		-	-	-	0.000
1	8.00	0.80		0.6	-	100	-	0.000
2	11.00	2.10		0.8	0	"	0.00	0.000
				0.2	0	"	0.00	0.000
3	14.00	2.60		0.8	18	"	0.18	0.125
				0.2	20	"	0.20	0.138
4	16.00	2.60		0.8	20	"	0.20	0.138
				0.2	24	"	0.24	0.164
5	18.00	2.70		0.8	22	"	0.22	0.151
				0.2	24	"	0.24	0.164
6	20.00	2.80		0.8	26	"	0.26	0.178
				0.2	28	"	0.28	0.191
7	22.00	2.90		0.8	26	"	0.26	0.178
				0.2	30	"	0.30	0.204
8	23.00	2.90		0.8	24	"	0.24	0.164
				0.2	28	"	0.28	0.191
9	24.00	3.00		0.8	26	"	0.26	0.178
				0.2	30	"	0.30	0.204
10	25.00	3.10		0.8	28	"	0.28	0.191
				0.2	30	"	0.30	0.204
11	26.00	3.10		0.8	22	"	0.22	0.151
				0.2	24	"	0.24	0.164
12	28.00	3.10		0.8	20	"	0.20	0.138
				0.2	22	"	0.22	0.151
13	30.00	3.10		0.8	28	"	0.28	0.191
				0.2	30	"	0.30	0.204
14	32.00	3.00		0.8	20	"	0.20	0.138
				0.2	24	"	0.24	0.164
15	34.00	2.90		0.8	20	"	0.20	0.138
				0.2	22	"	0.22	0.151
16	36.00	2.80		0.8	26	"	0.26	0.178
				0.2	30	"	0.30	0.204
17	38.00	2.70		0.8	18	"	0.18	0.125
				0.2	24	"	0.24	0.164
18	40.00	2.50		0.8	20	"	0.20	0.138
				0.2	22	"	0.22	0.151
19	42.00	2.20		0.8	16	"	0.16	0.111
				0.2	18	"	0.18	0.125
20	44.00	1.60		0.8	0	"	0.00	0.000
				0.2	0	"	0.00	0.000
21	47.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 24-08-92
Station: Dhalapara S3

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.000	3.00	0.40	1.20	0.00
1	0.000	0.000					
			0.000	3.00	1.45	4.35	0.00
2	0.000	0.000					
	0.000		0.066	3.00	2.35	7.05	0.47
3	0.125	0.132					
	0.138		0.142	2.00	2.60	5.20	0.74
4	0.138	0.151					
	0.164		0.155	2.00	2.65	5.30	0.82
5	0.151	0.158					
	0.164		0.172	2.00	2.75	5.50	0.95
6	0.178	0.185					
	0.191		0.188	2.00	2.85	5.70	1.07
7	0.178	0.191					
	0.204		0.185	1.00	2.90	2.90	0.54
8	0.164	0.178					
	0.191		0.185	1.00	2.95	2.95	0.55
9	0.178	0.191					
	0.204		0.195	1.00	3.05	3.05	0.59
10	0.191	0.198					
	0.204		0.178	1.00	3.10	3.10	0.55
11	0.151	0.158					
	0.164		0.152	2.00	3.10	6.20	0.94
12	0.138	0.145					
	0.151		0.172	2.00	3.10	6.20	1.07
13	0.191	0.198					
	0.204		0.175	2.00	3.05	6.10	1.07
14	0.138	0.151					
	0.164		0.148	2.00	2.95	5.90	0.87
15	0.138	0.145					
	0.151		0.168	2.00	2.85	5.70	0.96
16	0.178	0.191					
	0.204		0.168	2.00	2.75	5.50	0.92
17	0.125	0.145					
	0.164		0.145	2.00	2.60	5.20	0.75
18	0.138	0.145					
	0.151		1.320	2.00	2.35	4.70	0.62
19	0.111	0.118					
	0.125		0.059	2.00	1.90	3.80	0.22
20	0.000	0.000					
	0.000		0.000	3.00	0.80	2.40	0.00
21	0.000	0.000					
				42.00		98.00	13.70

M.V. = 13.72/98.00
= 0.14 M/Sec.

FLOW MEASUREMENT TABLE
Date: 07-09-92
Station: Dhalapara S3

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	5.50	0.00	(R.E.W.)	-	-	-	-	0.000
1	9.00	1.40		0.6	4.0	100	-	0.032
2	11.00	2.00		0.8	4.0	"	0.04	0.032
				0.2	6.0	"	0.06	0.045
3	13.00	2.60		0.8	0.0	"	0.00	0.000
				0.2	8.0	"	0.08	0.059
4	15.00	2.90		0.8	0.0	"	0.00	0.000
				0.2	8.0	"	0.08	0.059
5	17.00	2.90		0.8	10.0	"	0.10	0.072
				0.2	12.0	"	0.12	0.085
6	19.00	3.00		0.8	0.0	"	0.00	0.000
				0.2	6.0	"	0.06	0.045
7	20.00	3.00		0.8	12.0	"	0.12	0.085
				0.2	20.0	"	0.20	0.138
8	21.00	3.00		0.8	0.0	"	0.00	0.000
				0.2	10.0	"	0.10	0.072
9	22.00	3.50		0.8	0.0	"	0.00	0.000
				0.2	10.0	"	0.10	0.072
10	23.00	3.20		0.8	0.0	"	0.00	0.000
				0.2	10.0	"	0.10	0.072
11	24.00	3.20		0.8	0.0	"	0.00	0.000
				0.2	6.0	"	0.06	0.045
12	25.00	3.30		0.8	0.0	"	0.00	0.000
				0.2	6.0	"	0.06	0.045
13	26.00	3.30		0.8	0.0	"	0.00	0.000
				0.2	0.0	"	0.00	0.000
14	27.00	3.40		0.8	0.0	"	0.00	0.000
				0.2	4.0	"	0.04	0.032
15	29.00	3.40		0.8	0.0	"	0.00	0.000
				0.2	4.0	"	0.04	0.032
16	31.00	3.40		0.8	0.0	"	0.00	0.000
				0.2	8.0	"	0.08	0.059
17	33.00	3.20		0.8	0.0	"	0.00	0.000
				0.2	0.0	"	0.00	0.000
18	35.00	3.10		0.8	0.0	"	0.00	0.000
				0.2	0.0	"	0.00	0.000
19	37.00	3.00		0.8	0.0	"	0.00	0.000
				0.2	0.0	"	0.00	0.000
20	39.00	2.80		0.8	0.0	"	0.00	0.000
				0.2	0.0	"	0.00	0.000
21	41.00	2.50		0.8	0.0	"	0.00	0.000
				0.2	0.0	"	0.00	0.000
22	43.00	2.10		0.8	0.0	"	0.00	0.000
				0.2	0.0	"	0.00	0.000
23	47.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 07-09-92
Station: Dhalapara S3

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.036	3.50	0.70	2.45	0.04
1	0.032	0.032					
			0.036	2.00	1.70	3.40	0.12
2	0.032	0.039					
	0.045		0.035	2.00	2.30	4.60	0.16
3	0.000	0.030					
	0.059		0.030	2.00	2.75	5.50	0.17
4	0.000	0.030					
	0.059		0.055	2.00	2.90	5.80	0.32
5	0.072	0.079					
	0.085		0.051	2.00	2.95	5.90	0.30
6	0.000	0.023					
	0.045		0.068	1.00	3.00	3.00	0.20
7	0.085	0.112					
	0.138		0.074	1.00	3.00	3.00	0.22
8	0.000	0.036					
	0.072		0.036	1.00	3.25	3.25	0.12
9	0.000	0.036					
	0.072		0.036	1.00	3.35	3.35	0.12
10	0.000	0.036					
	0.072		0.036	1.00	3.20	3.20	0.10
11	0.000	0.023					
	0.045		0.023	1.00	3.25	3.25	0.70
12	0.000	0.023					
	0.045		0.012	1.00	3.30	3.30	0.04
13	0.000	0.000					
	0.000		0.008	1.00	3.35	3.35	0.03
14	0.000	0.016					
	0.032		0.016	2.00	3.40	6.80	0.11
15	0.000	0.016					
	0.032		0.023	2.00	3.40	6.80	0.16
16	0.000	0.030					
	0.059		0.015	2.00	3.30	6.60	0.10
17	0.000	0.000					
	0.000		0.000	2.00	3.15	6.30	0.00
18	0.000	0.000					
	0.000		0.000	2.00	3.05	6.10	0.00
19	0.000	0.000					
	0.000		0.000	2.00	2.90	5.80	0.00
20	0.000	0.000					
	0.000		0.000	2.00	2.65	5.30	0.00
21	0.000	0.000					
	0.000		0.000	2.00	2.30	4.60	0.00
22	0.000	0.000					
	0.000		0.000	4.00	1.05	4.20	0.00
23	0.000	0.000					
				41.50		105.85	3.01

M.V. = 3.01/105.85
= 0.03 M/Sec.

FLOW MEASUREMENT TABLE
Date: 21-09-92
Station: Dhalapara S3

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	5.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	8.00	1.22		0.6	0	100	0.000	0.000
2	11.00	2.59		0.8	0	"	0.000	0.000
				0.2	12	"	0.120	0.084
3	13.00	2.80		0.8	0	"	0.000	0.000
				0.2	16	"	0.160	0.110
4	15.00	3.14		0.8	6	"	0.060	0.044
				0.2	14	"	0.140	0.097
5	17.00	3.26		0.8	8	"	0.080	0.057
				0.2	24	"	0.240	0.163
6	19.00	3.45		0.8	0	"	0.000	0.000
				0.2	34	"	0.340	0.229
7	20.00	3.54		0.8	0	"	0.000	0.000
				0.2	28	"	0.280	0.189
8	21.00	3.57		0.8	4	"	0.040	0.031
				0.2	26	"	0.260	0.176
9	22.00	3.60		0.6	8	"	0.080	0.057
				0.2	24	"	0.240	0.163
10	23.00	3.63		0.8	2	"	0.020	0.018
				0.2	24	"	0.240	0.163
11	24.00	3.69		0.6	4	"	0.040	0.031
				0.2	20	"	0.200	0.136
12	25.00	3.72		0.8	0	"	0.000	0.000
				0.2	22	"	0.220	0.149
13	26.00	3.72		0.6	6	"	0.060	0.044
				0.2	26	"	0.260	0.176
14	27.00	3.72		0.6	8	"	0.080	0.157
				0.2	26	"	0.260	0.176
15	29.00	3.75		0.8	0	"	0.000	0.000
				0.2	24	"	0.240	0.163
16	31.00	3.66		0.8	2	"	0.020	0.018
				0.2	20	"	0.200	0.136
17	33.00	3.57		0.8	0	"	0.000	0.000
				0.2	18	"	0.180	0.123
18	35.00	3.48		0.6	4	"	0.040	0.031
				0.2	20	"	0.200	0.136
19	37.00	3.32		0.8	6	"	0.060	0.044
				0.2	24	"	0.240	0.163
20	40.00	2.90		0.8	0	"	0.000	0.000
				0.2	12	"	0.120	0.084
21	43.00	2.13		0.8	0	"	0.000	0.000
				0.2	10	"	0.100	0.070
22	46.50	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 21-09-92
Station: Dhalapara S3

No of Vert. 1	Corrected Vel 2	M.Velocit in Vert. 3	M.Velocit in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Ar A 7 (m2)	Pocket Dis charge Q 8 (m3)
V-O	0.000	0.000					
			0	3.00	0.61	1.83	0.00
1	0.000	0.000					
			0.021	3.00	1.91	5.72	0.12
2	0.000	0.042					
	0.005		0.048	2.00	2.70	5.39	0.26
3	0.000	0.055					
	0.110		0.063	2.00	2.97	5.94	0.37
4	0.044	0.071					
	0.097		0.090	2.00	3.20	6.40	0.58
5	0.057	0.110					
	0.163		0.112	2.00	3.36	6.71	0.75
6	0.000	0.115					
	0.229		0.105	1.00	3.50	3.50	0.37
7	0.000	0.095					
	0.189		0.099	1.00	3.56	3.56	0.35
8	0.031	0.104					
	0.176		0.107	1.00	3.59	3.59	0.38
9	0.057	0.110					
	0.163		0.100	1.00	3.62	3.62	0.36
10	0.018	0.091					
	0.163		0.087	1.00	3.66	3.66	0.32
11	0.031	0.084					
	0.136		0.079	1.00	3.71	3.71	0.29
12	0.000	0.075					
	0.149		0.092	1.00	3.72	3.72	0.34
13	0.044	0.110					
	0.176		0.138	1.00	3.72	3.72	0.51
14	0.157	0.167					
	0.176		0.124	2.00	3.74	7.47	0.93
15	0.000	0.082					
	0.163		0.079	2.00	3.71	7.41	0.59
16	0.018	0.077					
	0.136		0.069	2.00	3.62	7.23	0.50
17	0.000	0.062					
	0.123		0.073	2.00	3.53	7.05	0.51
18	0.031	0.084					
	0.136		0.094	2.00	3.40	6.80	0.64
19	0.044	0.104					
	0.163		0.073	3.00	3.11	9.33	0.68
20	0.000	0.042					
	0.084		0.039	3.00	2.52	7.55	0.29
21	0.000	0.035					
	0.070		0.018	3.50	1.07	3.73	0.07
22	0.000	0.000					
				41.50		117.60	9.21
						M.V. =	0.08

FLOW MEASUREMENT TABLE
Date: 05-10-92
Station: Dhalapara S3

No of Vert. 1	Dist. from Initial Pt 2	Depth 3	Corrected Depth 4	Point of Obs. 5	Number of Rev. 6	Times of Rev. 7	Rate of Rev. 8	Velocity M/Sec. 9
V-O	3.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	10.00	2.50		0.8	-	100	-	0.000
				0.2	-	"	-	0.000
2	14.00	3.20		0.8	20	"	0.20	0.138
				0.2	23	"	0.23	0.158
3	16.00	3.30		0.8	38	"	0.38	0.257
				0.2	40	"	0.40	0.270
4	18.00	3.30		0.8	28	"	0.28	0.191
				0.2	31	"	0.31	0.211
5	20.00	3.50		0.8	42	"	0.42	0.283
				0.2	46	"	0.46	0.310
6	22.00	3.70		0.8	43	"	0.43	0.290
				0.2	47	"	0.47	0.316
7	24.00	3.80		0.8	45	"	0.45	0.303
				0.2	48	"	0.48	0.323
8	26.00	3.90		0.8	50	"	0.50	0.336
				0.2	55	"	0.55	0.369
9	28.00	3.90		0.8	49	"	0.49	0.329
				0.2	56	"	0.56	0.376
10	30.00	3.90		0.8	50	"	0.50	0.336
				0.2	52	"	0.52	0.349
11	32.00	3.90		0.8	54	"	0.54	0.362
				0.2	58	"	0.58	0.389
12	34.00	3.80		0.8	53	"	0.53	0.356
				0.2	57	"	0.57	0.382
13	36.00	3.70		0.8	48	"	0.48	0.323
				0.2	50	"	0.50	0.336
14	38.00	3.60		0.8	42	"	0.42	0.283
				0.2	46	"	0.46	0.310
15	40.00	3.40		0.8	24	"	0.24	0.164
				0.2	28	"	0.28	0.191
16	42.00	3.30		0.8	30	"	0.30	0.204
				0.2	32	"	0.32	0.217
17	44.00	3.00		0.8	27	"	0.27	0.184
				0.2	30	"	0.30	0.204
18	46.00	2.50		0.8	20	"	0.20	0.138
				0.2	24	"	0.24	0.164
19	48.00	1.50		0.6	15	"	0.15	0.105
20	50.00	0.50		0.6	12	"	0.12	0.085
21	53.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 05-10-92
Station: Dhalapara S3

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.000	7.00	1.25	8.75	0.00
1	0.000	0.000					
	0.000		0.074	4.00	2.85	11.40	0.84
2	0.138	0.148					
	0.158		0.206	2.00	3.25	6.50	1.34
3	0.257	0.263					
	0.270		0.232	2.00	3.30	6.60	1.53
4	0.191	0.201					
	0.211		0.249	2.00	3.40	6.80	1.69
5	0.283	0.296					
	0.310		0.300	2.00	3.60	7.20	2.16
6	0.290	0.303					
	0.316		0.308	2.00	3.75	7.50	2.31
7	0.303	0.313					
	0.323		0.333	2.00	3.85	7.70	2.56
8	0.336	0.353					
	0.369		0.353	2.00	3.90	7.80	2.75
9	0.329	0.353					
	0.376		0.348	2.00	3.90	7.80	2.71
10	0.336	0.343					
	0.349		0.359	2.00	3.90	7.80	2.80
11	0.362	0.376					
	0.389		0.372	2.00	3.85	7.70	2.87
12	0.356	0.369					
	0.382		0.349	2.00	3.75	7.50	2.62
13	0.323	0.329					
	0.336		0.313	2.00	3.65	7.30	2.28
14	0.283	0.296					
	0.310		0.237	2.00	3.50	7.00	1.66
15	0.164	0.178					
	0.191		0.194	2.00	3.35	6.70	1.30
16	0.204	0.211					
	0.217		0.202	2.00	3.15	6.30	1.27
17	0.184	0.194					
	0.204		0.173	2.00	2.75	5.50	0.95
18	0.138	0.151					
	0.164		0.128	2.00	2.00	4.00	0.51
19	0.105	0.105					
			0.095	2.00	1.00	2.00	0.19
20	0.085	0.085					
			0.043	3.00	0.25	0.75	0.03
21	0.000	0.000					
				50.00		140.60	34.38
						M.V. =	0.24

FLOW MEASUREMENT TABLE
Date: 19-10-92
Station: Dhalapara S3

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	4.20	0.00	(R.E.W.)	-	-	-	-	0.000
1	6.20	0.80		0.6	0	100	-	0.000
2	8.20	1.40		0.6	0	"	0.00	0.000
3	10.20	2.10		0.8	20	"	0.20	0.138
				0.2	22	"	0.22	0.151
4	12.20	2.90		0.8	24	"	0.24	0.164
				0.2	24	"	0.24	0.164
5	14.20	3.25		0.8	30	"	0.30	0.204
				0.2	38	"	0.38	0.257
6	16.20	3.30		0.8	34	"	0.34	0.230
				0.2	42	"	0.42	0.283
7	18.20	3.40		0.8	38	"	0.38	0.257
				0.2	46	"	0.46	0.310
8	20.20	3.50		0.8	48	"	0.48	0.323
				0.2	48	"	0.48	0.323
9	22.20	3.75		0.8	42	"	0.42	0.283
				0.2	56	"	0.56	0.376
10	24.20	3.80		0.8	42	"	0.42	0.283
				0.2	56	"	0.56	0.376
11	26.20	3.90		0.8	44	"	0.44	0.296
				0.2	56	"	0.56	0.376
12	28.20	3.90		0.8	50	"	0.50	0.336
				0.2	60	"	0.60	0.402
13	30.20	3.90		0.8	44	"	0.44	0.296
				0.2	62	"	0.62	0.415
14	32.20	3.80		0.8	54	"	0.54	0.362
				0.2	56	"	0.56	0.376
15	34.20	3.70		0.8	46	"	0.46	0.310
				0.2	48	"	0.48	0.323
16	36.20	3.60		0.8	48	"	0.48	0.323
				0.2	50	"	0.50	0.336
17	38.20	3.40		0.8	46	"	0.46	0.310
				0.2	48	"	0.48	0.323
18	40.20	3.20		0.8	44	"	0.44	0.296
				0.2	46	"	0.46	0.310
19	42.20	2.80		0.8	38	"	0.38	0.257
				0.2	42	"	0.42	0.283
20	44.20	2.10		0.8	36	"	0.36	0.244
				0.2	40	"	0.40	0.270
21	48.20	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 19-10-92
Station: Dhalapara S3

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.000	2.00	0.40	0.80	0.00
1	0.000	0.000					
	0.000		0.000	2.00	1.10	2.20	0.00
2	0.006	0.000					
	0.006		0.072	2.00	1.75	3.50	0.25
3	0.138	0.145					
	0.151		0.154	2.00	2.50	5.00	0.77
4	0.164	0.164					
	0.164		0.197	2.00	3.08	6.15	1.21
5	0.204	0.230					
	0.257		0.244	2.00	3.28	6.55	1.60
6	0.230	0.257					
	0.283		0.270	2.00	3.35	6.70	1.81
7	0.257	0.283					
	0.310		0.303	2.00	3.45	6.90	2.09
8	0.323	0.323					
	0.323		0.326	2.00	3.63	7.25	2.36
9	0.283	0.329					
	0.376		0.329	2.00	3.78	7.55	2.49
10	0.283	0.329					
	0.376		0.333	2.00	3.85	7.70	2.56
11	0.296	0.336					
	0.376		0.353	2.00	3.90	7.80	2.75
12	0.336	0.369					
	0.402		0.362	2.00	3.90	7.80	2.83
13	0.296	0.356					
	0.415		0.362	2.00	3.85	7.70	2.79
14	0.362	0.369					
	0.376		0.343	2.00	3.75	7.50	2.57
15	0.310	0.316					
	0.323		0.323	2.00	3.65	7.30	2.36
16	0.323	0.329					
	0.336		0.323	2.00	3.50	7.00	2.26
17	0.310	0.316					
	0.323		0.310	2.00	3.30	6.60	2.04
18	0.296	0.303					
	0.310		0.287	2.00	3.00	6.00	1.72
19	0.257	0.270					
			0.263	2.00	2.45	4.90	1.29
20	0.244	0.257					
			0.128	4.00	1.05	4.20	0.54
21	0.000	0.000					
				44.00		127.10	36.30
						M.V. =	0.29

FLOW MEASUREMENT TABLE
Date: 03-11-92
Station: Dhalapara S3

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	5.80	0.00	(R.E.W.)	-	-	-	-	0.000
1	9.80	0.50		0.6	0	100	0.00	0.000
2	11.80	1.20		0.6	8	"	0.08	0.059
3	13.80	1.50		0.6	14	"	0.14	0.098
4	15.80	1.70		0.8	18	"	0.18	0.125
				0.2	20	"	0.20	0.138
5	17.80	1.80		0.8	20	"	0.20	0.138
				0.2	22	"	0.22	0.151
6	18.80	1.80		0.8	22	"	0.22	0.151
				0.2	26	"	0.26	0.178
7	19.80	1.90		0.8	26	"	0.26	0.178
				0.2	30	"	0.30	0.204
8	20.80	1.90		0.8	32	"	0.32	0.217
				0.2	38	"	0.38	0.257
9	21.80	2.10		0.8	34	"	0.34	0.230
				0.2	42	"	0.42	0.283
10	22.80	2.10		0.8	42	"	0.42	0.283
				0.2	44	"	0.44	0.296
11	23.80	2.15		0.8	42	"	0.42	0.283
				0.2	50	"	0.50	0.336
12	24.80	2.20		0.8	38	"	0.38	0.257
				0.2	50	"	0.50	0.336
13	25.80	2.30		0.8	40	"	0.40	0.270
				0.2	52	"	0.52	0.349
14	27.80	2.30		0.8	46	"	0.46	0.310
				0.2	54	"	0.54	0.362
15	29.80	2.30		0.8	38	"	0.38	0.257
				0.2	54	"	0.54	0.362
16	31.80	2.20		0.8	40	"	0.40	0.270
				0.2	44	"	0.44	0.296
17	33.80	2.10		0.8	38	"	0.38	0.257
				0.2	42	"	0.42	0.283
18	35.80	2.00		0.8	42	"	0.42	0.283
				0.2	44	"	0.44	0.296
19	37.80	1.80		0.8	40	"	0.40	0.270
				0.2	42	"	0.42	0.283
20	39.80	1.40		0.6	38	"	0.38	0.257
21	41.80	1.00		0.6	36	"	0.36	0.244
22	43.80	0.50		0.6	34	"	0.34	0.230
23	46.80	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 03-11-92
Station: Dhalapara S3

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.000	4.00	0.25	1.00	0.00
1	0.000	0.000					
			0.015	2.00	0.85	1.70	0.02
2	0.059	0.029					
			0.039	2.00	1.35	2.70	0.11
3	0.098	0.049					
			0.090	2.00	1.60	3.20	0.29
4	0.125	0.131					
	0.138		0.138	2.00	1.75	3.50	0.48
5	0.138	0.145					
	0.151		0.154	1.00	1.80	1.80	0.28
6	0.151	0.164					
	0.178		0.178	1.00	1.85	1.85	0.33
7	0.178	0.191					
	0.204		0.214	1.00	1.90	1.90	0.41
8	0.217	0.237					
	0.257		0.247	1.00	2.00	2.00	0.49
9	0.230	0.257					
	0.283		0.273	1.00	2.10	2.10	0.57
10	0.283	0.290					
	0.296		0.300	1.00	2.13	2.13	0.64
11	0.283	0.310					
	0.336		0.303	1.00	2.18	2.18	0.66
12	0.257	0.296					
	0.336		0.303	1.00	2.25	2.25	0.68
13	0.270	0.310					
	0.349		0.323	2.00	2.30	4.60	1.49
14	0.310	0.336					
	0.362		0.323	2.00	2.30	4.60	1.49
15	0.257	0.310					
	0.362		0.296	2.00	2.25	4.50	1.33
16	0.270	0.283					
	0.296		0.277	2.00	2.15	4.30	1.19
17	0.257	0.270					
	0.283		0.280	2.00	2.05	4.10	1.15
18	0.283	0.290					
	0.296		0.283	2.00	1.90	3.80	1.08
19	0.270	0.277					
	0.283		0.203	2.00	1.60	3.20	0.65
20	0.257	0.128					
			0.186	2.00	1.20	2.40	0.45
21	0.244	0.244					
			0.237	2.00	0.75	1.50	0.36
22	0.230	0.230					
			0.115	3.00	0.25	0.75	0.09
23	0.000	0.000					
				41.00		62.05	14.21

M.V. = 0.23

FLOW MEASUREMENT TABLE
Date: 18-07-92
Station: Bhuapur S-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	10.60	0.00	(R.E.W.)	-	-	-	-	0.000
1	14.60	1.50		0.6	24	100	0.24	0.163
2	16.60	1.80		0.8	50	"	0.50	0.334
				0.2	62	"	0.62	0.413
3	18.60	1.80		0.8	70	"	0.70	0.466
				0.2	72	"	0.72	0.479
4	20.60	1.90		0.8	72	"	0.72	0.479
				0.2	74	"	0.74	0.492
5	22.60	1.90		0.8	66	"	0.66	0.439
				0.2	76	"	0.76	0.505
6	24.60	2.00		0.8	74	"	0.74	0.492
				0.2	80	"	0.80	0.532
7	26.60	2.10		0.8	70	"	0.70	0.466
				0.2	84	"	0.84	0.558
8	28.60	2.10		0.8	88	"	0.88	0.584
				0.2	88	"	0.88	0.584
9	30.60	2.50		0.8	80	"	0.80	0.532
				0.2	92	"	0.92	0.611
10	32.60	2.10		0.8	88	"	0.88	0.584
				0.2	88	"	0.88	0.584
11	34.60	1.90		0.8	84	"	0.84	0.558
				0.2	100	"	1.00	0.664
12	36.60	2.40		0.8	86	"	0.86	0.571
				0.2	106	"	1.06	0.703
13	38.60	2.20		0.8	84	"	0.84	0.558
				0.2	104	"	1.04	0.690
14	40.60	2.00		0.8	86	"	0.86	0.571
				0.2	106	"	1.06	0.703
15	42.60	2.00		0.8	88	"	0.88	0.584
				0.2	106	"	1.06	0.703
16	44.60	1.80		0.8	100	"	1.00	0.664
				0.2	104	"	1.04	0.690
17	46.60	1.70		0.8	80	"	0.80	0.532
				0.2	84	"	0.84	0.558
18	48.60	1.40		0.6	74	"	0.74	0.492
19	50.60	0.60		0.6	66	"	0.66	0.439
20	52.60	0.50		0.6	44	"	0.44	0.294
21	58.60	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 18-07-92
Station: Bhuapur S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.081	4.00	0.75	3.00	0.24
1	0.163	0.163					
			0.268	2.00	1.65	3.30	0.88
2	0.334	0.374					
	0.413		0.423	2.00	1.80	3.60	1.52
3	0.466	0.472					
	0.479		0.479	2.00	1.85	3.70	1.77
4	0.479	0.486					
	0.492		0.479	2.00	1.90	3.80	1.82
5	0.439	0.472					
	0.505		0.492	2.00	1.95	3.90	1.92
6	0.492	0.512					
	0.532		0.512	2.00	2.05	4.10	2.10
7	0.466	0.512					
	0.558		0.548	2.00	2.10	4.20	2.30
8	0.584	0.584					
	0.584		0.578	2.00	2.30	4.60	2.66
9	0.532	0.571					
	0.611		0.578	2.00	2.30	4.60	2.66
10	0.584	0.584					
	0.584		0.598	2.00	2.00	4.00	2.39
11	0.558	0.611					
	0.664		0.624	2.00	2.15	4.30	2.68
12	0.571	0.637					
	0.703		0.631	2.00	2.30	4.60	2.90
13	0.558	0.624					
	0.690		0.631	2.00	2.10	4.20	2.65
14	0.571	0.637					
	0.703		0.640	2.00	2.00	4.00	2.56
15	0.584	0.644					
	0.703		0.660	2.00	1.90	3.80	2.51
16	0.664	0.677					
	0.690		0.611	2.00	1.75	3.50	2.14
17	0.532	0.545					
	0.558		0.519	2.00	1.55	3.10	1.61
18	0.492	0.492					
	0.005		0.466	2.00	1.00	2.00	0.93
19	0.439	0.439					
	0.005		0.367	2.00	0.55	1.10	0.40
20	0.294	0.294					
			0.147	6.00	0.25	1.50	0.22
21	0.000	0.000					
				48.00		74.90	38.87
						M.V. =	0.52

FLOW MEASUREMENT TABLE
Date: 01-08-92
Station: Bhuapur S-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	15.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	17.00	0.50		0.6	20	100	0.20	0.136
2	19.00	1.00		0.6	31	"	0.31	0.209
3	21.00	1.00		0.6	35	"	0.35	0.235
4	23.00	1.00		0.6	37	"	0.37	0.248
5	25.00	1.20		0.6	41	"	0.41	0.275
6	27.00	1.20		0.6	56	"	0.56	0.374
7	29.00	1.30		0.6	57	"	0.57	0.380
8	31.00	1.50		0.6	66	"	0.66	0.439
9	33.00	1.30		0.6	66	"	0.66	0.439
10	35.00	1.30		0.6	62	"	0.62	0.413
11	37.00	1.50		0.6	63	"	0.63	0.420
12	39.00	1.20		0.6	65	"	0.65	0.433
13	41.00	1.50		0.6	64	"	0.64	0.426
14	43.00	1.50		0.6	67	"	0.67	0.446
15	45.00	1.80		0.8	70	"	0.70	0.466
				0.2	76	"	0.76	0.505
16	47.00	1.80		0.8	80	"	0.80	0.532
				0.2	86	"	0.86	0.571
17	49.00	1.60		0.8	78	"	0.78	0.519
				0.2	90	"	0.90	0.598
18	51.00	1.80		0.8	75	"	0.75	0.499
				0.2	82	"	0.82	0.545
19	53.00	2.20		0.8	76	"	0.76	0.505
				0.2	80	"	0.80	0.532
20	55.00	1.50		0.6	65	"	0.65	0.433
21	57.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 01-08-92
Station: Bhuapur S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.068	2.00	0.25	0.50	0.03
1	0.136	0.136					
			0.173	2.00	0.75	1.50	0.26
2	0.209	0.209					
	0.005		0.222	2.00	1.00	2.00	0.44
3	0.235	0.235					
	0.005		0.242	2.00	1.00	2.00	0.48
4	0.248	0.248					
	0.005		0.262	2.00	1.10	2.20	0.58
5	0.275	0.275					
	0.005		0.324	2.00	1.20	2.40	0.78
6	0.374	0.374					
	0.005		0.377	2.00	1.25	2.50	0.94
7	0.380	0.380					
	0.005		0.410	2.00	1.40	2.80	1.15
8	0.439	0.439					
	0.005		0.439	2.00	1.40	2.80	1.23
9	0.439	0.439					
	0.005		0.426	2.00	1.30	2.60	1.11
10	0.413	0.413					
	0.005		0.416	2.00	1.40	2.80	1.17
11	0.420	0.420					
	0.005		0.426	2.00	1.35	2.70	1.15
12	0.433	0.433					
	0.005		0.430	2.00	1.35	2.70	1.16
13	0.426	0.426					
	0.005		0.436	2.00	1.50	3.00	1.31
14	0.446	0.446					
	0.005		0.466	2.00	1.65	3.30	1.54
15	0.466	0.486					
	0.505		0.519	2.00	1.80	3.60	1.87
16	0.532	0.551					
	0.571		0.555	2.00	1.70	3.40	1.89
17	0.519	0.558					
	0.598		0.540	2.00	1.70	3.40	1.84
18	0.499	0.522					
	0.545		0.520	2.00	2.00	4.00	2.08
19	0.505	0.519					
	0.532		0.476	2.00	1.85	3.70	1.76
20	0.433	0.433					
			0.216	2.00	0.75	1.50	0.32
21	0.000	0.000					
				42.00		55.40	23.08

M.V. = 0.42 M2

FLOW MEASUREMENT TABLE
Date: 15-08-92
Station: Bhuapur S-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	17.10	0.00	(R.E.W.)	-	-	-	-	0.000
1	21.10	0.70		0.6	50	100	0.50	0.334
2	23.10	0.91		0.6	56	"	0.56	0.374
3	25.10	1.07		0.6	62	"	0.62	0.413
4	27.10	1.01		0.6	66	"	0.66	0.439
5	29.10	0.98		0.6	78	"	0.78	0.519
6	31.10	1.07		0.6	78	"	0.78	0.519
7	33.10	1.19		0.6	78	"	0.78	0.519
8	35.10	1.01		0.6	82	"	0.82	0.545
9	37.10	1.19		0.6	80	"	0.80	0.532
10	39.10	1.28		0.6	86	"	0.86	0.571
11	41.10	1.19		0.6	86	"	0.86	0.571
12	43.10	1.25		0.6	96	"	0.96	0.637
13	45.10	1.28		0.6	94	"	0.94	0.624
14	47.10	1.43		0.6	88	"	0.88	0.584
15	49.10	1.59		0.8	86	"	0.86	0.571
				0.2	110	"	1.10	0.729
16	51.10	1.49		0.6	92	"	0.92	0.611
17	53.10	1.74		0.8	86	"	0.86	0.571
				0.2	110	"	1.10	0.729
18	55.10	1.83		0.8	82	"	0.82	0.545
				0.2	114	"	1.14	0.756
19	59.10	1.74		0.8	88	"	0.88	0.584
				0.2	112	"	1.12	0.743
20	63.10	1.52		0.6	96	"	0.96	0.637
21	67.10	1.28	(L.E.W.)	0.6	80	"	0.80	0.532
22	69.10	0.70		0.6	62	"	0.62	0.413
23	70.60	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 15-08-92
Station: Bhuapur S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.167	4.00	0.35	1.40	0.23
1	0.334	0.334					
			0.354	2.00	0.81	1.61	0.57
2	0.374	0.374					
	0.005		0.393	2.00	0.99	1.98	0.78
3	0.413	0.413					
	0.005		0.426	2.00	1.04	2.08	0.89
4	0.439	0.439					
	0.005		0.479	2.00	1.00	1.99	0.95
5	0.519	0.519					
	0.005		0.519	2.00	1.03	2.05	1.06
6	0.519	0.519					
	0.005		0.519	2.00	1.13	2.26	1.17
7	0.519	0.519					
	0.005		0.532	2.00	1.10	2.20	1.17
8	0.545	0.545					
	0.005		0.538	2.00	1.10	2.20	1.18
9	0.532	0.532					
	0.005		0.551	2.00	1.24	2.47	1.36
10	0.571	0.571					
	0.005		0.571	2.00	1.24	2.47	1.41
11	0.571	0.571					
	0.005		0.604	2.00	1.22	2.44	1.47
12	0.637	0.637					
	0.005		0.631	2.00	1.27	2.53	1.60
13	0.624	0.624					
	0.005		0.604	2.00	1.36	2.71	1.64
14	0.584	0.584					
	0.005		0.617	2.00	1.51	3.02	1.86
15	0.571	0.650					
	0.729		0.631	2.00	1.54	3.08	1.94
16	0.611	0.611					
	0.005		0.631	2.00	1.62	3.23	2.04
17	0.571	0.650					
	0.729		0.650	2.00	1.79	3.57	2.32
18	0.545	0.650					
	0.756		0.657	4.00	1.79	7.14	4.69
19	0.584	0.664					
	0.743		0.650	4.00	1.63	6.52	4.24
20	0.637	0.637					
			0.585	4.00	1.40	5.60	3.27
21	0.532	0.532					
			0.473	2.00	0.99	1.98	0.94
22	0.413	0.413					
			0.207	1.50	0.35	0.53	0.11
23	0.000	0.000					
				53.50		65.06	36.90
						M.V. =	0.57

27	70.50	0.76	0.6	76	"	0.76	0.507
28	73.00	0.00 (L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 29-08-92
Station: Bhuapur S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.234	4.50	0.35	1.58	0.37
1	0.468	0.468					
			0.481	2.00	0.86	1.71	0.82
2	0.494	0.494					
			0.494	2.00	1.04	2.08	1.03
3	0.494	0.494					
			0.514	2.00	1.12	2.23	1.15
4	0.534	0.534					
			0.534	2.00	1.27	2.53	1.35
5	0.534	0.534					
			0.534	2.00	1.37	2.74	1.46
6	0.534	0.534					
			0.540	2.00	1.39	2.77	1.50
7	0.547	0.547					
			0.540	2.00	1.40	2.80	1.51
8	0.534	0.534					
			0.567	2.00	1.42	2.83	1.60
9	0.600	0.600					
			0.573	2.00	1.43	2.86	1.64
10	0.547	0.547					
			0.593	2.00	1.46	2.92	1.73
11	0.639	0.639					
			0.653	2.00	1.56	3.11	2.03
12	0.573	0.666					
	0.758		0.659	2.00	1.56	3.11	2.05
13	0.653	0.653					
			0.663	2.00	1.60	3.20	2.12
14	0.600	0.672					
	0.745		0.699	2.00	1.79	3.57	2.49
15	0.613	0.725					
	0.837		0.722	2.00	1.89	3.78	2.73
16	0.639	0.719					
	0.798		0.729	2.00	1.95	3.90	2.84
17	0.639	0.738					
	0.837		0.725	2.00	2.00	3.99	2.89
18	0.587	0.712					
	0.837		0.729	2.00	2.01	4.02	2.93
19	0.639	0.745					
	0.851		0.738	2.00	2.00	3.99	2.95
20	0.613	0.732					
	0.851		0.742	2.00	2.00	3.99	2.96
21	0.626	0.752					
	0.877		0.758	2.00	2.01	4.02	3.05
22	0.639	0.765					
	0.890		0.735	2.00	1.94	3.87	2.84
23	0.573	0.705					
	0.837		0.682	2.00	1.80	3.60	2.46
24	0.547	0.659					
	0.771		0.649	2.00	1.56	3.11	2.02
25	0.639	0.639					
			0.626	2.00	1.19	2.38	1.49
26	0.613	0.613					

			0.560	2.00	0.89	1.77	0.99
27	0.507	0.507					
			0.254	2.50	0.38	0.95	0.24
28	0.000	0.000					
				59.00		83.41	53.25
						M.V. =	0.64

FLOW MEASUREMENT TABLE
Date: 12-09-92
Station: Bhuapur S-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	18.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	21.50	0.60		0.6	50	100	0.50	0.336
2	24.50	0.70		0.6	50	"	0.50	0.336
3	27.50	0.80		0.6	46	"	0.46	0.310
4	30.50	0.90		0.6	60	"	0.60	0.402
5	33.50	0.90		0.6	60	"	0.60	0.402
6	36.50	1.00		0.6	60	"	0.60	0.402
7	39.50	1.00		0.6	64	"	0.64	0.429
8	42.50	1.50		0.6	72	"	0.72	0.481
9	45.50	1.30		0.6	70	"	0.70	0.468
10	47.50	1.40		0.6	86	"	0.86	0.574
11	49.50	1.40		0.6	80	"	0.80	0.534
12	51.50	1.40		0.6	78	"	0.78	0.521
13	52.50	1.40		0.6	84	"	0.84	0.561
14	53.50	1.50		0.6	90	"	0.90	0.600
15	54.50	1.50		0.6	66	"	0.66	0.442
16	55.50	1.50		0.6	80	"	0.80	0.534
17	56.50	1.50		0.6	85	"	0.85	0.567
18	57.50	1.50		0.6	78	"	0.78	0.521
19	59.50	1.50		0.6	82	"	0.82	0.547
20	61.50	1.40		0.6	94	"	0.94	0.627
21	63.50	1.40		0.6	88	"	0.88	0.587
22	65.50	1.30		0.6	82	"	0.82	0.547
23	67.50	0.80		0.6	102	"	1.02	0.680
24	69.50	0.50		0.6	82	"	0.82	0.547
25	72.50	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 12-09-92
Station: Bhuapur S-5

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.168	3.50	0.30	1.05	0.18
1	0.336	0.336					
			0.336	3.00	0.65	1.95	0.66
2	0.336	0.336					
			0.323	3.00	0.75	2.25	0.73
3	0.310	0.310					
			0.356	3.00	0.85	2.55	0.91
4	0.402	0.402					
			0.402	3.00	0.90	2.70	1.09
5	0.402	0.402					
			0.402	3.00	0.95	2.85	1.15
6	0.402	0.402					
			0.415	3.00	1.00	3.00	1.25
7	0.429	0.429					
			0.455	3.00	1.25	3.75	1.71
8	0.481	0.481					
			0.475	3.00	1.40	4.20	1.99
9	0.468	0.468					
			0.521	2.00	1.35	2.70	1.41
10	0.574	0.574					
			0.554	2.00	1.40	2.80	1.55
11	0.534	0.534					
			0.528	2.00	1.40	2.80	1.48
12	0.521	0.521					
			0.541	1.00	1.40	1.40	0.76
13	0.561	0.561					
			0.580	1.00	1.45	1.45	0.84
14	0.600	0.600					
			0.521	1.00	1.50	1.50	0.78
15	0.442	0.442					
			0.488	1.00	1.50	1.50	0.73
16	0.534	0.534					
			0.551	1.00	1.50	1.50	0.83
17	0.567	0.567					
			0.544	1.00	1.50	1.50	0.82
18	0.521	0.521					
			0.534	2.00	1.50	3.00	1.60
19	0.547	0.547					
			0.587	2.00	1.45	2.90	1.70
20	0.627	0.627					
			0.607	2.00	1.40	2.80	1.70
21	0.587	0.587					
			0.567	2.00	1.35	2.70	1.53
22	0.547	0.547					
			0.613	2.00	1.05	2.10	1.29
23	0.680	0.680					
			0.613	2.00	0.65	1.30	0.80
24	0.547	0.547					
			0.274	3.00	0.25	0.75	0.21
25	0.000	0.000					
				54.50		57.00	27.66

FLOW MEASUREMENT TABLE
Date: 26-09-92
Station: Bhuapur S-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	14.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	18.00	0.91		0.6	36	100	0.36	0.242
2	22.00	1.10		0.6	40	"	0.40	0.268
3	25.00	1.19		0.6	36	"	0.36	0.242
4	28.00	1.22		0.6	46	"	0.46	0.308
5	31.00	1.40		0.6	46	"	0.46	0.308
6	34.00	1.28		0.6	44	"	0.44	0.294
7	37.00	1.25		0.6	50	"	0.50	0.334
8	40.00	1.34		0.6	54	"	0.54	0.360
9	42.00	1.52		0.8	42	"	0.42	0.281
				0.2	52	"	0.52	0.347
10	44.00	1.59		0.8	52	"	0.52	0.347
				0.2	54	"	0.54	0.360
11	46.00	1.52		0.8	46	"	0.46	0.308
				0.2	56	"	0.56	0.374
12	48.00	1.52		0.8	50	"	0.50	0.334
				0.2	62	"	0.62	0.413
13	50.00	1.59		0.8	50	"	0.50	0.334
				0.2	62	"	0.62	0.413
14	52.00	1.83		0.8	54	"	0.54	0.360
				0.2	56	"	0.56	0.374
15	54.00	1.89		0.8	50	"	0.50	0.334
				0.2	60	"	0.60	0.400
16	56.00	1.71		0.8	52	"	0.52	0.347
				0.2	60	"	0.60	0.400
17	58.00	1.71		0.8	54	"	0.54	0.360
				0.2	62	"	0.62	0.413
18	60.00	1.77		0.8	56	"	0.56	0.374
				0.2	60	"	0.60	0.400
19	62.00	1.65		0.8	54	"	0.54	0.360
				0.2	66	"	0.66	0.439
20	64.00	1.46		0.6	74	"	0.74	0.492
21	66.00	1.28		0.6	54	"	0.54	0.360
22	68.00	1.22		0.6	46	"	0.46	0.308
23	72.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 26-09-92
Station: Bhuapur S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.121	4.00	0.46	1.82	0.22
1	0.242	0.242					
			0.255	4.00	1.01	4.02	1.02
2	0.268	0.268					
			0.255	3.00	1.15	3.44	0.88
3	0.242	0.242					
			0.275	3.00	1.21	3.62	0.99
4	0.308	0.308					
			0.308	3.00	1.31	3.93	1.21
5	0.308	0.308					
			0.301	3.00	1.34	4.02	1.21
6	0.294	0.294					
			0.314	3.00	1.27	3.80	1.19
7	0.334	0.334					
			0.347	3.00	1.30	3.89	1.35
8	0.360	0.360					
			0.337	2.00	1.43	2.86	0.96
9	0.281	0.314					
	0.347		0.334	2.00	1.56	3.11	1.04
10	0.347	0.354					
	0.360		0.347	2.00	1.56	3.11	1.08
11	0.308	0.341					
	0.374		0.357	2.00	1.52	3.04	1.09
12	0.334	0.374					
	0.413		0.374	2.00	1.56	3.11	1.16
13	0.334	0.374					
	0.413		0.370	2.00	1.71	3.42	1.27
14	0.360	0.367					
	0.374		0.367	2.00	1.86	3.72	1.37
15	0.334	0.367					
	0.400		0.370	2.00	1.80	3.60	1.33
16	0.347	0.374					
	0.400		0.380	2.00	1.71	3.42	1.30
17	0.360	0.387					
	0.413		0.387	2.00	1.74	3.48	1.35
18	0.376	0.387					
	0.400		0.393	2.00	1.71	3.42	1.35
19	0.360	0.400					
	0.439		0.446	2.00	1.56	3.11	1.39
20	0.492	0.492					
			0.426	2.00	1.37	2.74	1.17
21	0.360	0.360					
			0.334	2.00	1.25	2.50	0.84
22	0.308	0.308					
			0.154	4.00	0.61	2.44	0.38
23	0.000	0.000					
				58.00		75.60	25.12
						M.V.=	0.33

FLOW MEASUREMENT TABLE
Date: 10-10-92
Station: Bhuapur Regulator S-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	22.40	0.00	(R.E.W.)	-	-	-	-	0.000
1	27.40	0.35		SUR	8	100	0.08	0.059
2	29.40	0.36		SUR	12	"	0.12	0.085
3	31.40	0.37		0.6	14	"	0.14	0.098
4	33.40	0.38		0.6	16	"	0.16	0.111
5	35.40	0.40		0.6	20	"	0.20	0.138
6	37.40	0.40		0.6	28	"	0.28	0.191
7	39.40	0.40		0.6	20	"	0.20	0.138
8	41.40	0.40		0.6	24	"	0.24	0.164
9	43.40	0.40		0.6	22	"	0.22	0.151
10	45.40	0.40		0.6	32	"	0.32	0.217
11	47.40	0.41		0.6	36	"	0.36	0.244
12	49.40	0.42		0.6	40	"	0.40	0.270
13	51.40	0.42		0.6	34	"	0.34	0.230
14	53.40	0.42		0.6	40	"	0.40	0.270
15	55.40	0.44		0.6	48	"	0.48	0.323
16	57.40	0.45		0.6	50	"	0.50	0.336
17	59.40	0.44		0.6	50	"	0.50	0.336
18	61.40	0.44		0.6	32	"	0.32	0.217
19	63.40	0.43		0.6	36	"	0.36	0.244
20	65.40	0.42		0.6	38	"	0.38	0.257
21	67.40	0.41		0.6	26	"	0.26	0.178
21	69.4	0.39		0.6	24	"	0.24	0.164
23	71.4	0.37		0.6	12	"	0.12	0.085
24	73.40	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW MEASUREMENT TABLE
Date: 10-10-92
Station: Bhuapur Regulator S-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	22.40	0.00	(R.E.W.)	-	-	-	-	0.000
1	27.40	0.35		SUR	8	100	0.08	0.059
2	29.40	0.36		SUR	12	"	0.12	0.085
3	31.40	0.37		0.6	14	"	0.14	0.098
4	33.40	0.38		0.6	16	"	0.16	0.111
5	35.40	0.40		0.6	20	"	0.20	0.138
6	37.40	0.40		0.6	28	"	0.28	0.191
7	39.40	0.40		0.6	20	"	0.20	0.138
8	41.40	0.40		0.6	24	"	0.24	0.164
9	43.40	0.40		0.6	22	"	0.22	0.151
10	45.40	0.40		0.6	32	"	0.32	0.217
11	47.40	0.41		0.6	36	"	0.36	0.244
12	49.40	0.42		0.6	40	"	0.40	0.270
13	51.40	0.42		0.6	34	"	0.34	0.230
14	53.40	0.42		0.6	40	"	0.40	0.270
15	55.40	0.44		0.6	48	"	0.48	0.323
16	57.40	0.45		0.6	50	"	0.50	0.336
17	59.40	0.44		0.6	50	"	0.50	0.336
18	61.40	0.44		0.6	32	"	0.32	0.217
19	63.40	0.43		0.6	36	"	0.36	0.244
20	65.40	0.42		0.6	38	"	0.38	0.257
21	67.40	0.41		0.6	26	"	0.26	0.178
21	69.4	0.39		0.6	24	"	0.24	0.164
23	71.4	0.37		0.6	12	"	0.12	0.085
24	73.40	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 10-10-92
Station: Bhuapur Regulator S-5

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.026	5.00	0.18	0.88	0.02
1	0.051	0.051					
			0.068	2.00	0.36	0.71	0.05
2	0.085	0.085					
			0.092	2.00	0.37	0.73	0.07
3	0.098	0.098					
			0.105	2.00	0.38	0.75	0.08
4	0.111	0.111					
			0.125	2.00	0.39	0.78	0.10
5	0.138	0.138					
			0.164	2.00	0.40	0.80	0.13
6	0.191	0.191					
			0.164	2.00	0.40	0.80	0.13
7	0.138	0.138					
			0.151	2.00	0.40	0.80	0.12
8	0.164	0.164					
			0.158	2.00	0.40	0.80	0.13
9	0.151	0.151					
			0.184	2.00	0.40	0.80	0.15
10	0.217	0.217					
			0.230	2.00	0.41	0.81	0.19
11	0.244	0.244					
			0.257	2.00	0.42	0.83	0.21
12	0.270	0.270					
			0.250	2.00	0.42	0.84	0.21
13	0.230	0.230					
			0.250	2.00	0.42	0.84	0.21
14	0.270	0.270					
			0.296	2.00	0.43	0.86	0.25
15	0.323	0.323					
			0.329	2.00	0.45	0.89	0.29
16	0.336	0.336					
			0.336	2.00	0.45	0.89	0.30
17	0.336	0.336					
			0.277	2.00	0.44	0.88	0.24
18	0.217	0.217					
			0.230	2.00	0.44	0.87	0.20
19	0.244	0.244					
			0.250	2.00	0.43	0.85	0.21
20	0.257	0.257					
			0.217	2.00	0.42	0.83	0.18
21	0.178	0.178					
			0.171	2.00	0.40	0.80	0.14
22	0.164	0.164					
			0.125	2.00	0.38	0.76	0.09
23	0.085	0.085					
			0.043	2.00	0.19	0.37	0.02
24	0.000	0.000					
				51.00		19.17	3.72
						M.V. =	0.19

FLOW MEASUREMENT TABLE
Date: 24-10-92
Station: Bhuapur Regulator S-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	37.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	46.00	0.43		0.6	0	100	0.00	0.000
2	48.00	0.38		0.6	0	"	0.00	0.000
3	50.00	0.38		0.6	0	"	0.00	0.000
4	52.00	0.63		0.6	0	"	0.00	0.000
5	53.00	0.66		0.6	0	"	0.00	0.000
6	54.00	0.61		0.6	0	"	0.00	0.000
7	55.00	0.63		0.6	0	"	0.00	0.000
8	56.00	0.61		0.6	0	"	0.00	0.000
9	57.00	0.61		0.6	0	"	0.00	0.000
10	58.00	0.71		0.6	0	"	0.00	0.000
11	59.00	0.76		0.6	0	"	0.00	0.000
12	60.00	0.76		0.6	0	"	0.00	0.000
13	61.00	0.79		0.6	0	"	0.00	0.000
14	62.00	0.74		0.6	0	"	0.00	0.000
15	63.00	0.74		0.6	0	"	0.00	0.000
16	64.00	0.66		0.6	6	"	0.06	0.045
17	65.00	0.71		0.6	18	"	0.18	0.125
18	66.00	0.69		0.6	16	"	0.16	0.111
19	67.00	0.61		0.6	20	"	0.20	0.138
20	68.00	0.61		0.6	18	"	0.18	0.125
21	69.00	0.49		0.6	14	"	0.14	0.098
22	70.00	0.46		0.6	12	"	0.12	0.085
23	72.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 24-10-92
Station: Bhuapur Regulator S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.000	9.00	0.22	1.94	0.00
1	0.000	0.000					
			0.000	2.00	0.41	0.81	0.00
2	0.000	0.000					
			0.000	2.00	0.38	0.76	0.00
3	0.000	0.000					
			0.000	2.00	0.51	1.01	0.00
4	0.000	0.000					
			0.000	1.00	0.65	0.65	0.00
5	0.000	0.000					
			0.000	1.00	0.64	0.64	0.00
6	0.000	0.000					
			0.000	1.00	0.62	0.62	0.00
7	0.000	0.000					
			0.000	1.00	0.62	0.62	0.00
8	0.000	0.000					
			0.000	1.00	0.61	0.61	0.00
9	0.000	0.000					
			0.000	1.00	0.66	0.66	0.00
10	0.000	0.000					
			0.000	1.00	0.74	0.74	0.00
11	0.000	0.000					
			0.000	1.00	0.76	0.76	0.00
12	0.000	0.000					
			0.000	1.00	0.78	0.78	0.00
13	0.000	0.000					
			0.000	1.00	0.77	0.77	0.00
14	0.000	0.000					
			0.000	1.00	0.74	0.74	0.00
15	0.000	0.000					
			0.023	1.00	0.70	0.70	0.02
16	0.045	0.045					
			0.085	1.00	0.69	0.69	0.06
17	0.125	0.125					
			0.118	1.00	0.70	0.70	0.08
18	0.111	0.111					
			0.125	1.00	0.65	0.65	0.08
19	0.138	0.138					
			0.131	1.00	0.61	0.61	0.08
20	0.125	0.125					
			0.111	1.00	0.55	0.55	0.06
21	0.098	0.098					
			0.092	1.00	0.48	0.48	0.04
22	0.085	0.085					
			0.043	2.00	0.23	0.46	0.02
23	0.000	0.000					
				35.00		16.91	0.44
						M.V. =	0.03

FLOW MEASUREMENT TABLE
Date: 25-07-92
Station: Kayra SG-2

No of Vert.	Dist from Initial Pt	Depth		Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	2.00	0.00	(R.E.W.)					0.000
1	3.00	0.70		0.6	32	100	0.32	0.215
2	4.00	1.10		0.6	44	"	0.44	0.294
3	5.00	1.50		0.6	54	"	0.54	0.360
4	6.00	1.60		0.8	54	"	0.54	0.360
				0.2	56	"	0.56	0.374
5	7.00	1.60		0.8	54	"	0.54	0.360
				0.2	55	"	0.55	0.367
6	8.00	1.70		0.8	52	"	0.52	0.347
				0.2	54	"	0.54	0.360
7	9.00	2.00		0.8	44	"	0.44	0.294
				0.2	48	"	0.48	0.321
8	10.00	2.00		0.8	44	"	0.44	0.294
				0.2	45	"	0.45	0.301
9	11.00	2.00		0.8	44	"	0.44	0.294
				0.2	46	"	0.46	0.308
10	12.00	2.00		0.8	36	"	0.36	0.242
				0.2	44	"	0.44	0.294
11	12.50	2.00		0.8	32	"	0.32	0.215
				0.2	46	"	0.46	0.308
12	13.00	2.00		0.8	31	"	0.31	0.209
				0.2	45	"	0.45	0.301
13	13.50	2.00		0.8	30	"	0.30	0.202
				0.2	44	"	0.44	0.294
14	14.00	2.00		0.8	32	"	0.32	0.215
				0.2	40	"	0.40	0.268
15	15.00	2.00		0.8	40	"	0.40	0.268
				0.2	42	"	0.42	0.281
16	15.50	2.00		0.8	38	"	0.38	0.255
				0.2	44	"	0.44	0.294
17	16.00	2.00		0.8	40	"	0.40	0.268
				0.2	42	"	0.42	0.281
18	16.50	1.90		0.8	36	"	0.36	0.242
				0.2	50	"	0.50	0.334
19	17.00	1.70		0.8	36	"	0.36	0.242
				0.2	46	"	0.46	0.308
20	18.00	1.50		0.6	46	"	0.46	0.308
21	19.00	1.10		0.6	38	"	0.38	0.255
22	21.00	0.00	(L.E.W.)	-	-	-	-	0.00

FLOW COMPUTATION TABLE
Date: 25-07-92
Station: Kayra SG-2

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7	Pocket Discharge Q 8
V-O	0.000	0.000					
			0.108	1.00	0.35	0.35	0.04
1	0.215	0.215					
			0.255	1.00	0.90	0.90	0.23
2	0.294	0.294					
			0.327	1.00	1.30	1.30	0.43
3	0.360	0.360					
			0.364	1.00	1.55	1.55	0.56
4	0.360	0.367					
	0.374		0.366	1.00	1.60	1.60	0.59
5	0.360	0.364					
	0.367		0.359	1.00	1.65	1.65	0.59
6	0.347	0.354					
	0.360		0.331	1.00	1.85	1.85	0.61
7	0.294	0.308					
	0.321		0.303	1.00	2.00	2.00	0.61
8	0.294	0.298					
	0.301		0.300	1.00	2.00	2.00	0.60
9	0.294	0.301					
	0.308		0.285	1.00	2.00	2.00	0.57
10	0.242	0.268					
	0.294		0.265	0.50	2.00	1.00	0.27
11	0.215	0.262					
	0.308		0.259	0.50	2.00	1.00	0.26
12	0.209	0.255					
	0.301		0.252	0.50	2.00	1.00	0.25
13	0.202	0.248					
	0.294		0.245	0.50	2.00	1.00	0.25
14	0.215	0.242					
	0.268		0.259	1.00	2.00	1.00	0.26
15	0.268	0.275					
	0.281		0.275	0.50	2.00	1.00	0.28
16	0.255	0.275					
	0.294		0.275	0.50	2.00	1.00	0.28
17	0.268	0.275					
	0.281		0.282	0.50	1.95	0.98	0.28
18	0.242	0.288					
	0.334		0.282	0.50	1.80	0.90	0.25
19	0.242	0.275					
	0.308		0.292	1.00	1.60	1.60	0.47
20	0.308	0.308					
			0.282	1.00	1.30	1.30	0.37
21	0.255	0.255					
			0.128	2.00	0.55	1.10	0.14
22	0.000	0.000					
				19.00		28.08	8.19
						M.V.=	8.19/28.08
							0.29

FLOW MEASUREMENT TABLE
Date: 08-08-92
Station: Kayra SG-2

No of Vert.	Dist. from Initial Pt	Depth		Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	4.80	0.00	(R.E.W.)					0.000
1	6.80	1.80		0.8	16	100	0.16	0.110
				0.2	20		0.20	0.136
2	7.80	1.90		0.8	25	"	0.25	0.169
				0.2	30		0.30	0.202
3	8.80	1.90		0.8	52	"	0.52	0.347
				0.2	55		0.55	0.367
4	9.80	1.90		0.8	64	"	0.64	0.426
				0.2	66	"	0.66	0.439
5	10.80	1.90		0.8	60	"	0.60	0.400
				0.2	64	"	0.64	0.426
6	11.80	2.00		0.8	44	"	0.44	0.294
				0.2	64	"	0.64	0.426
7	12.80	2.10		0.8	52	"	0.52	0.347
				0.2	56	"	0.56	0.374
8	13.80	2.10		0.8	46	"	0.46	0.308
				0.2	48	"	0.48	0.321
9	14.80	2.20		0.8	48	"	0.48	0.321
				0.2	50	"	0.50	0.334
10	15.30	2.20		0.8	46	"	0.46	0.308
				0.2	56	"	0.56	0.374
11	15.80	2.20		0.8	50	"	0.50	0.334
				0.2	56	"	0.56	0.374
12	16.30	2.20		0.8	50	"	0.50	0.334
				0.2	52	"	0.52	0.347
13	16.80	2.20		0.8	42	"	0.42	0.281
				0.2	48	"	0.48	0.321
14	17.30	2.20		0.8	42	"	0.42	0.281
				0.2	48	"	0.48	0.321
15	17.80	2.10		0.8	36	"	0.36	0.242
				0.2	46	"	0.46	0.308
16	18.30	2.00		0.8	48	"	0.48	0.321
				0.2	50	"	0.50	0.334
17	18.80	2.00		0.8	50	"	0.50	0.334
				0.2	54	"	0.54	0.360
18	19.80	1.90		0.8	48	"	0.48	0.321
				0.2	50	"	0.50	0.334
19	20.80	1.80		0.8	42	"	0.42	0.281
				0.2	46	"	0.46	0.308
20	21.80	1.00		0.6	36	"	0.36	0.242
21	22.80	0.80		0.6	28	"	0.28	0.189
22	24.60	0.00	(L.E.W.)	-	-	-	-	0.00

FLOW COMPUTATION TABLE
Date: 08-08-92
Station: Kayra SG-2

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7	Pocket Discharge Q 8
V-O	0.110	0.000					
	0.136		0.062	2.00	0.90	1.80	0.11
1	0.169	0.123					
	0.202		0.155	1.00	1.85	1.85	0.29
2	0.169	0.186					
	0.202		0.272	1.00	1.90	1.90	0.52
3	0.347	0.357					
	0.367		0.395	1.00	1.90	1.90	0.75
4	0.426	0.433					
	0.439		0.423	1.00	1.90	1.90	0.80
5	0.400	0.413					
	0.426		0.387	1.00	1.95	1.95	0.75
6	0.294	0.360					
	0.426		0.361	1.00	2.05	2.05	0.74
7	0.347	0.301					
	0.374		0.338	1.00	2.10	2.10	0.71
8	0.308	0.315					
	0.321		0.322	1.00	2.15	2.15	0.69
9	0.321	0.328					
	0.334		0.335	0.50	2.20	1.10	0.37
10	0.308	0.341					
	0.374		0.348	0.50	2.20	1.10	0.38
11	0.334	0.354					
	0.374		0.348	0.50	2.20	1.10	0.38
12	0.334	0.341					
	0.347		0.321	0.50	2.20	1.10	0.35
13	0.281	0.301					
	0.321		0.301	0.50	2.20	1.10	0.33
14	0.281	0.301					
	0.321		0.288	0.50	2.15	1.08	0.31
15	0.242	0.275					
	0.308		0.302	0.50	2.05	1.03	0.31
16	0.321	0.328					
	0.334		0.338	0.50	2.00	1.00	0.34
17	0.334	0.347					
	0.360		0.338	0.50	1.95	1.95	0.66
18	0.321	0.328					
	0.334		0.312	1.00	1.85	1.85	0.58
19	0.281	0.295					
	0.308		0.269	1.00	1.40	1.40	0.38
20	0.242	0.242					
			0.216	1.00	0.90	0.90	0.19
21	0.189	0.189					
			0.095	1.80	0.40	0.72	0.07
22	0.000	0.000					
				19.30		33.03	10.01

M.V. = 10.01/33.03
= 0.30

FLOW MEASUREMENT TABLE
Date: 22-08-92
Station: Kayra SG-2

No of Vert.	Dist. from Initial Pt	Depth		Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	6.00	0.00	(R.E.W.)	-				0.000
1	8.00	0.70		0.6	12	100	0.12	0.085
2	9.00	0.90		0.6	20	"	0.20	0.138
3	10.00	0.90		0.6	24	"	0.24	0.164
4	11.00	0.90		0.6	28	"	0.28	0.191
5	12.00	0.90		0.6	24	"	0.24	0.164
6	13.00	1.20		0.6	20	"	0.20	0.138
7	14.00	1.40		0.6	18	"	0.18	0.125
8	15.00	1.40		0.6	12	"	0.12	0.085
9	16.00	1.40		0.6	16	"	0.16	0.111
10	17.00	1.30		0.6	22	"	0.22	0.151
11	17.50	1.40		0.6	12	"	0.12	0.085
12	18.00	1.40		0.6	16	"	0.16	0.111
13	18.50	1.40		0.6	18	"	0.18	0.125
14	19.00	1.30		0.6	18	"	0.18	0.125
15	19.50	1.30		0.6	18	"	0.18	0.125
16	20.00	1.30		0.6	18	"	0.18	0.125
17	20.50	1.20		0.6	24	"	0.24	0.164
18	21.00	1.10		0.6	26	"	0.26	0.178
19	21.50	1.00		0.6	30	"	0.30	0.204
20	22.00	0.80		0.6	26	"	0.26	0.178
21	22.50	0.60		0.6	18	"	0.18	0.125
22	25.50	0.00	(L.E.W.)	-	-	-	-	0.00

FLOW COMPUTATION TABLE
Date: 22-08-92
Station: Kayra SG-2

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.043	2.00	0.35	0.70	0.03
1	0.085	0.085					
			0.112	1.00	0.80	0.80	0.09
2	0.138	0.138					
			0.151	1.00	0.90	0.90	0.14
3	0.164	0.164					
			0.178	1.00	0.90	0.90	0.16
4	0.191	0.191					
			0.178	1.00	0.90	0.90	0.16
5	0.164	0.164					
			0.151	1.00	1.05	1.05	0.16
6	0.138	0.138					
			0.132	1.00	1.30	1.30	0.17
7	0.125	0.125					
			0.105	1.00	1.40	1.40	0.15
8	0.085	0.085					
			0.098	1.00	1.40	1.40	0.14
9	0.111	0.111					
			0.131	1.00	1.35	1.35	0.18
10	0.151	0.151					
			0.118	0.50	1.35	0.68	0.08
11	0.085	0.085					
			0.098	0.50	1.40	0.70	0.07
12	0.111	0.111					
			0.118	0.50	1.40	0.70	0.08
13	0.125	0.125					
			0.125	0.50	1.35	0.68	0.09
14	0.125	0.125					
			0.125	0.50	1.30	0.65	0.08
15	0.125	0.125					
			0.125	0.50	1.30	0.65	0.08
16	0.125	0.125					
			0.145	0.50	1.25	0.63	0.09
17	0.164	0.164					
			0.171	0.50	1.15	0.58	0.10
18	0.178	0.178					
			0.191	0.50	1.05	0.53	0.10
19	0.204	0.204					
			0.191	0.50	0.90	0.45	0.09
20	0.178	0.178					
			0.152	0.50	0.70	0.35	0.05
21	0.125	0.125					
			0.063	3.00	0.30	0.90	0.06
22	0.000	0.000					
				19.50		18.20	2.35

M.V. = 2.35/18.20
= 0.13

FLOW MEASUREMENT TABLE

Date: 05-09-92

Station: Kayra SG-2

No of Vert.	Dist. from Initial Pt	Depth		Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	4.70	0.00	(R.E.W.)					0.000
1	6.70	0.90		0.6	30	100	0.30	0.204
2	7.70	1.30		0.6	46	"	0.46	0.310
3	8.70	1.40		0.6	48	"	0.48	0.323
4	9.70	1.40		0.6	54	"	0.54	0.362
5	10.70	1.50		0.8	44	"	0.44	0.296
				0.2	52	"	0.52	0.349
6	11.20	1.80		0.8	44	"	0.44	0.298
				0.2	48	"	0.48	0.323
7	11.70	1.90		0.8	44	"	0.44	0.296
				0.2	48	"	0.48	0.323
8	12.20	1.90		0.8	42	"	0.42	0.283
				0.2	44	"	0.44	0.296
9	12.70	1.80		0.8	38	"	0.38	0.257
				0.2	42	"	0.42	0.283
10	13.20	1.80		0.8	32	"	0.32	0.217
				0.2	40	"	0.40	0.270
11	13.70	1.80		0.8	22	"	0.22	0.151
				0.2	28	"	0.28	0.191
12	14.20	1.90		0.8	26	"	0.26	0.178
				0.2	34	"	0.34	0.230
13	14.70	1.90		0.8	26	"	0.26	0.178
				0.2	32	"	0.32	0.217
14	15.20	1.90		0.8	28	"	0.28	0.191
				0.2	34	"	0.34	0.230
15	15.70	1.90		0.8	26	"	0.26	0.178
				0.2	32	"	0.32	0.217
16	16.20	1.90		0.8	28	"	0.28	0.191
				0.2	34	"	0.34	0.230
17	16.70	1.90		0.8	32	"	0.32	0.217
				0.2	30	"	0.30	0.204
18	17.70	1.80		0.8	30	"	0.30	0.204
				0.2	36	"	0.36	0.244
19	18.70	1.60		0.8	38	"	0.38	0.257
				0.2	20	"	0.20	0.138
20	19.70	1.50		0.8	38	"	0.38	0.257
				0.2	40	"	0.40	0.270
21	20.70	1.20		0.6	36	"	0.36	0.244
22	23.00	0.00	(L.E.W.)	-	-	-	-	0.00

FLOW COMPUTATION TABLE
Date: 05-09-92
Station: Kayra SG-2

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.102	2.00	0.45	0.90	0.09
1	0.204	0.204					
			0.257	1.00	1.10	1.10	0.28
2	0.310	0.310					
			0.317	1.00	1.35	1.35	0.43
3	0.323	0.323					
			0.343	1.00	1.40	1.40	0.48
4	0.362	0.362					
			0.343	1.00	1.45	1.45	0.50
5	0.296	0.323					
	0.349		0.317	0.50	1.65	0.83	0.26
6	0.296	0.310					
	0.323		0.310	0.50	1.85	0.93	0.29
7	0.296	0.310					
	0.323		0.300	0.50	1.90	0.95	0.29
8	0.283	0.290					
	0.296		0.280	0.50	1.85	0.93	0.26
9	0.257	0.270					
	0.283		0.257	0.50	1.80	0.90	0.23
10	0.217	0.244					
	0.270		0.208	0.50	1.80	0.90	0.19
11	0.151	0.171					
	0.191		0.188	0.50	1.85	0.93	0.17
12	0.178	0.204					
	0.230		0.201	0.50	1.90	0.95	0.19
13	0.178	0.198					
	0.217		0.205	0.50	1.90	0.95	0.19
14	0.191	0.211					
	0.230		0.205	0.50	1.90	0.95	0.19
15	0.178	0.198					
	0.217		0.205	0.50	1.90	0.95	0.19
16	0.191	0.211					
	0.230		0.211	0.50	1.90	0.95	0.20
17	0.217	0.211					
	0.204		0.218	1.00	1.85	1.85	0.40
18	0.204	0.224					
	0.244		0.211	1.00	1.70	1.70	0.36
19	0.257	0.198					
	0.138		0.231	1.00	1.55	1.55	0.36
20	0.257	0.264					
	0.270		0.254	1.00	1.35	1.35	0.34
21	0.244	0.244					
			0.122	2.30	0.60	1.38	0.17
22	0.000	0.000					
				18.30		25.15	6.06

M.V. = 6.06/25.15
= 0.24 M/Sec.

200

FLOW MEASUREMENT TABLE
Date: 19-09-92
Station: Kayra SG-2

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	5.50	0.00	(R.E.W.)					0.000
1	7.00	0.70		0.6	12	100	0.12	0.085
2	8.00	0.90		0.6	24	"	0.24	0.164
3	9.00	1.10		0.6	34	"	0.34	0.230
4	10.00	1.10		0.6	32	"	0.32	0.217
5	11.00	1.10		0.6	38	"	0.38	0.257
6	11.50	1.40		0.6	36	"	0.36	0.244
7	12.00	1.50		0.6	30	"	0.30	0.204
8	12.50	1.60		0.8	26	"	0.26	0.178
				0.2	32	"	0.32	0.217
9	13.00	1.60		0.8	28	"	0.28	0.191
				0.2	28	"	0.28	0.191
10	13.50	1.70		0.8	22	"	0.22	0.151
				0.2	24	"	0.24	0.164
11	14.00	1.60		0.8	26	"	0.26	0.178
				0.2	28	"	0.28	0.191
12	14.50	1.70		0.8	28	"	0.28	0.191
				0.2	34	"	0.34	0.230
13	15.00	1.70		0.8	20	"	0.20	0.138
				0.2	22	"	0.22	0.151
14	16.00	1.70		0.8	18	"	0.18	0.125
				0.2	20	"	0.20	0.138
15	17.00	1.70		0.8	18	"	0.18	0.125
				0.2	20	"	0.20	0.138
16	18.00	1.70		0.8	12	"	0.12	0.085
				0.2	14	"	0.14	0.098
17	19.00	1.60		0.8	12	"	0.12	0.085
				0.2	14	"	0.14	0.098
18	20.00	1.30		0.6	16	"	0.16	0.111
19	21.00	1.10		0.6	24	"	0.24	0.164
20	22.00	0.80		0.6	12	"	0.12	0.085
21	24.00	0.00	(L.E.W.)	-	-	-	-	0.00

FLOW COMPUTATION TABLE
Date: 19-09-92
Station: Kayra SG-2

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.043	1.50	0.35	0.53	0.02
1	0.085	0.085					
			0.125	1.00	0.80	0.80	0.10
2	0.164	0.164					
			0.197	1.00	1.00	1.00	0.20
3	0.230	0.230					
			0.224	1.00	1.10	1.10	0.25
4	0.217	0.217					
			0.237	1.00	1.10	1.10	0.26
5	0.257	0.257					
			0.251	0.50	1.25	0.63	0.16
6	0.244	0.244					
			0.224	0.50	1.45	0.73	0.16
7	0.204	0.204					
			0.201	0.50	1.55	0.78	0.16
8	0.178	0.198					
	0.217		0.195	0.50	1.60	0.80	0.16
9	0.191	0.191					
	0.191		0.175	0.50	1.65	0.83	0.15
10	0.151	0.158					
	0.164		0.172	0.50	1.65	0.83	0.14
11	0.178	0.185					
	0.191		0.173	0.50	1.65	0.83	0.14
12	0.191	0.161					
	0.130		0.153	0.50	1.70	0.85	0.13
13	0.138	0.145					
	0.151		0.139	1.00	1.70	1.70	0.24
14	0.125	0.132					
	0.138		0.132	1.00	1.70	1.70	0.22
15	0.125	0.132					
	0.138		0.112	1.00	1.70	1.70	0.19
16	0.085	0.092					
	0.098		0.092	1.00	1.65	1.65	0.15
17	0.085	0.092					
	0.098		0.102	1.00	1.45	1.45	0.15
18	0.111	0.111					
			0.138	1.00	1.20	1.20	0.17
19	0.164	0.164					
			0.125	1.00	0.95	0.95	0.12
20	0.085	0.085					
			0.043	2.00	0.40	0.80	0.03
21	0.000	0.000					
				18.50		21.96	3.30

M.V. = 3.30/21.96
= 0.15 M/Sec.

FLOW MEASUREMENT TABLE
Date: 03-10-92
Station: Kayra SG2

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	5.55	0.00	(R.E.W.)	-	-	-	-	0.000
1	6.55	0.50		0.6	20	100	0.20	0.138
2	7.55	0.60		0.6	25	"	0.25	0.171
3	8.55	0.70		0.6	30	"	0.30	0.204
4	9.55	0.90		0.6	32	"	0.32	0.217
5	10.55	0.90		0.6	34	"	0.34	0.230
6	11.55	1.00		0.6	34	"	0.34	0.230
7	12.55	1.40		0.6	36	"	0.36	0.244
8	13.05	1.50		0.6	34	"	0.34	0.230
9	13.55	1.50		0.6	30	"	0.30	0.204
10	14.05	1.50		0.6	32	"	0.32	0.217
11	14.55	1.50		0.6	32	"	0.32	0.217
12	15.55	1.50		0.6	27	"	0.27	0.184
13	16.55	1.50		0.6	27	"	0.27	0.184
14	17.55	1.50		0.6	26	"	0.26	0.178
15	18.55	1.50		0.6	23	"	0.23	0.158
16	19.55	1.40		0.6	24	"	0.24	0.164
17	20.55	1.40		0.6	26	"	0.26	0.178
18	21.55	1.20		0.6	25	"	0.25	0.171
19	22.55	1.10		0.6	29	"	0.29	0.197
20	23.55	0.90		0.6	29	"	0.29	0.197
21	24.55	0.75		0.6	23	"	0.23	0.158
22	26.80	0.00	(L.E.W.)	-	-	-	-	0.000

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FLOW COMPUTATION TABLE
Date: 03-10-92
Station: Kayra S6

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.069	1.00	0.25	0.25	0.02
1	0.138	0.138					
			0.154	1.00	0.55	0.55	0.08
2	0.171	0.171					
			0.187	1.00	0.65	0.65	0.12
3	0.204	0.204					
			0.211	1.00	0.80	0.80	0.17
4	0.217	0.217					
			0.224	1.00	0.90	0.90	0.20
5	0.230	0.230					
			0.230	1.00	0.95	0.95	0.22
6	0.230	0.230					
			0.237	1.00	1.20	1.20	0.28
7	0.244	0.244					
			0.237	0.50	1.45	0.73	0.17
8	0.230	0.230					
			0.217	0.50	1.50	0.75	0.16
9	0.204	0.204					
			0.211	0.50	1.50	0.75	0.16
10	0.217	0.217					
			0.217	0.50	1.50	0.75	0.16
11	0.217	0.217					
			0.201	1.00	1.50	1.50	0.30
12	0.184	0.184					
			0.184	1.00	1.50	1.50	0.28
13	0.184	0.184					
			0.181	1.00	1.50	1.50	0.27
14	0.178	0.178					
			0.168	1.00	1.50	1.50	0.25
15	0.158	0.158					
			0.161	1.00	1.45	1.45	0.23
16	0.164	0.164					
			0.171	1.00	1.40	1.40	0.24
17	0.178	0.178					
			0.174	1.00	1.30	1.30	0.23
18	0.171	0.171					
			0.184	1.00	1.15	1.15	0.21
19	0.197	0.197					
			0.197	1.00	1.00	1.00	0.20
20	0.197	0.197					
			0.178	1.00	0.83	0.83	0.15
21	0.158	0.158					
			0.079	2.25	0.38	0.84	0.07
22	0.000	0.000					
				21.25		22.24	4.17

M.V. = 0.19

FLOW MEASUREMENT TABLE
Date: 17-10-92
Station: Kayra SG-2

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	6.30	0.00	(R.E.W.)	-	-	-	-	0.000
1	7.30	0.30		0.6	0	100	0.00	0.000
2	7.80	0.35		0.6	0	"	0.00	0.000
3	9.00	0.50		0.6	0	"	0.00	0.000
4	9.50	0.50		0.6	0	"	0.00	0.000
5	10.00	0.55		0.6	20	"	0.20	0.138
6	10.50	0.55		0.6	20	"	0.20	0.138
7	11.00	0.80		0.6	22	"	0.22	0.151
8	11.50	1.00		0.6	24	"	0.24	0.164
9	12.00	1.00		0.6	24	"	0.24	0.164
10	12.50	1.00		0.6	24	"	0.24	0.164
11	13.00	1.00		0.6	24	"	0.24	0.164
12	13.50	1.02		0.6	20	"	0.20	0.138
13	14.00	1.00		0.6	16	"	0.16	0.111
14	14.50	1.00		0.6	16	"	0.16	0.111
15	15.00	1.00		0.6	12	"	0.12	0.085
16	15.50	0.90		0.6	10	"	0.10	0.072
17	16.00	0.90		0.6	10	"	0.10	0.072
18	16.50	0.80		0.6	8	"	0.08	0.059
19	17.00	0.70		0.6	4	"	0.04	0.032
20	17.50	0.60		0.6	0	"	0.00	0.006
21	18.00	0.60		0.6	0	"	0.00	0.006
22	19.50	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 17-10-92
Station: Kayra SG-2

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.000	1.00	0.15	0.15	0.00
1	0.006	0.000					
			0.000	0.50	0.33	0.16	0.00
2	0.006	0.000					
			0.000	1.20	0.43	0.51	0.00
3	0.006	0.000					
			0.000	0.50	0.50	0.25	0.00
4	0.006	0.000					
			0.069	0.50	0.53	0.26	0.02
5	0.138	0.138					
			0.138	0.50	0.55	0.28	0.04
6	0.138	0.138					
			0.145	0.50	0.68	0.34	0.05
7	0.151	0.151					
			0.158	0.50	0.90	0.45	0.07
8	0.164	0.164					
			0.164	0.50	1.00	0.50	0.08
9	0.164	0.164					
			0.164	0.50	1.00	0.50	0.08
10	0.164	0.164					
			0.164	0.50	1.00	0.50	0.08
11	0.164	0.164					
			0.151	0.50	1.01	0.51	0.08
12	0.138	0.138					
			0.125	0.50	1.01	0.51	0.06
13	0.111	0.111					
			0.111	0.50	1.00	0.50	0.06
14	0.111	0.111					
			0.098	0.50	1.00	0.50	0.05
15	0.085	0.085					
			0.078	0.50	0.95	0.48	0.04
16	0.072	0.072					
			0.072	0.50	0.90	0.45	0.03
17	0.072	0.072					
			0.065	0.50	0.85	0.43	0.03
18	0.059	0.059					
			0.045	0.50	0.75	0.38	0.02
19	0.032	0.032					
			0.019	0.50	0.65	0.33	0.01
20	0.006	0.006					
			0.006	0.50	0.60	0.30	0.00
21	0.006	0.006					
			0.003	1.50	0.30	0.45	0.00
22	0.000	0.000					
				13.20		8.71	0.79
						M.V. =	0.09

FLOW MEASUREMENT TABLE
Date: 26-07-92
Station: Belua Bazar SG-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	7.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	9.00	0.50		0.6	32	100	0.32	0.215
2	11.00	1.20		0.6	62	"	0.62	0.413
3	13.00	2.00		0.8	65	"	0.65	0.433
				0.2	70		0.70	0.466
4	15.00	2.50		0.8	75	"	0.75	0.499
				0.2	80		0.80	0.532
5	17.00	2.50		0.8	66	"	0.66	0.439
				0.2	76		0.76	0.505
6	19.00	3.50		0.8	80	"	0.80	0.532
				0.2	82		0.82	0.545
7	21.00	3.50		0.8	78	"	0.78	0.519
				0.2	80		0.80	0.532
8	23.00	3.00		0.8	78	"	0.78	0.519
				0.2	82		0.82	0.545
9	25.00	3.50		0.8	70	"	0.70	0.466
				0.2	74	"	0.74	0.492
10	27.00	3.20		0.8	60	"	0.60	0.400
				0.2	62	"	0.62	0.413
11	29.00	3.10		0.8	56	"	0.56	0.374
				0.2	58	"	0.58	0.387
12	31.00	3.50		0.8	52	"	0.52	0.347
				0.2	56	"	0.56	0.374
13	32.00	2.50		0.8	56	"	0.56	0.374
				0.2	60	"	0.60	0.400
14	33.00	2.60		0.8	56	"	0.56	0.374
				0.2	60	"	0.60	0.400
15	34.00	3.10		0.8	46	"	0.46	0.308
				0.2	48	"	0.48	0.321
16	35.00	3.10		0.8	46	"	0.46	0.308
				0.2	50	"	0.50	0.334
17	37.00	2.50		0.8	46	"	0.46	0.308
				0.2	48	"	0.48	0.321
18	39.00	3.40		0.8	40	"	0.40	0.268
				0.2	44	"	0.44	0.294
19	41.00	2.80		0.8	50	"	0.50	0.334
				0.2	52	"	0.52	0.347
20	43.00	1.50		0.6	32	"	0.32	0.215
21	45.00	0.90		0.6	30	"	0.30	0.202
22	47.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 26-07-92
Station: Belua Bazar S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.108	2.00	0.25	0.50	0.05
1	0.215	0.215					
			0.314	2.00	0.85	1.70	0.53
2	0.413	0.413					
			0.431	2.00	1.60	3.20	1.38
3	0.433	0.449					
	0.466		0.482	2.00	2.25	4.50	2.17
4	0.499	0.515					
	0.532		0.494	2.00	2.50	5.00	2.47
5	0.439	0.472					
	0.505		0.505	2.00	3.00	6.00	3.03
6	0.532	0.538					
	0.545		0.532	2.00	3.50	7.00	3.72
7	0.519	0.525					
	0.532		0.528	2.00	3.25	6.50	3.43
8	0.519	0.532					
	0.545		0.505	2.00	3.25	6.50	3.28
9	0.466	0.479					
	0.492		0.443	2.00	3.35	6.70	2.97
10	0.400	0.406					
	0.413		0.393	2.00	3.15	6.30	2.48
11	0.374	0.380					
	0.387		0.370	2.00	3.30	6.60	2.44
12	0.347	0.360					
	0.374		0.374	1.00	3.00	3.00	1.12
13	0.374	0.387					
	0.400		0.387	1.00	2.55	2.55	0.99
14	0.374	0.387					
	0.400		0.350	1.00	2.85	2.85	1.00
15	0.308	0.314					
	0.321		0.318	1.00	3.10	3.10	0.98
16	0.308	0.321					
	0.334		0.318	2.00	2.80	5.60	1.78
17	0.308	0.314					
	0.321		0.298	2.00	2.95	5.90	1.76
18	0.268	0.281					
	0.294		0.311	2.00	3.10	6.20	1.93
19	0.334	0.341					
	0.347		0.278	2.00	2.15	4.30	1.20
20	0.215	0.215					
			0.209	2.00	1.20	2.40	0.50
21	0.202	0.202					
			0.101	2.00	0.45	0.90	0.09
23	0.000	0.000					
				40.00		97.30	39.31
						M.V. =	0.40

FLOW MEASUREMENT TABLE

Date: 09-08-92

Station: Belua Bazar SG-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	6.60	0.00	(R.E.W.)	-	-	-	-	0.000
1	8.60	0.50		0.6	30	100	0.30	0.202
2	10.60	1.40		0.6	40	"	0.40	0.268
3	12.60	2.40		0.8	50	"	0.50	0.334
				0.2	50	"	0.50	0.334
4	14.60	2.50		0.8	50	"	0.50	0.334
				0.2	52	"	0.52	0.347
5	16.60	3.20		0.8	70	"	0.70	0.466
				0.2	70	"	0.70	0.466
6	18.60	3.90		0.8	78	"	0.78	0.519
				0.2	80	"	0.80	0.532
7	20.60	3.80		0.8	88	"	0.88	0.584
				0.2	90	"	0.90	0.598
8	22.60	3.80		0.8	0	"	0.00	0.005
				0.2	80	"	0.80	0.532
9	23.60	3.90		0.8	0	"	0.00	0.005
				0.2	74	"	0.74	0.492
10	24.60	3.40		0.8	0	"	0.00	0.005
				0.2	76	"	0.76	0.505
11	25.60	4.00		0.8	0	"	0.00	0.005
				0.2	60	"	0.60	0.400
12	26.60	3.50		0.8	0	"	0.00	0.005
				0.2	66	"	0.66	0.439
13	27.60	2.90		0.8	0	"	0.00	0.005
				0.2	54	"	0.54	0.360
14	28.60	2.50		0.8	0	"	0.00	0.005
				0.2	54	"	0.54	0.360
15	30.60	2.60		0.8	0	"	0.00	0.005
				0.2	46	"	0.46	0.308
16	32.60	3.30		0.8	0	"	0.00	0.005
				0.2	54	"	0.54	0.360
17	34.60	2.90		0.8	0	"	0.00	0.005
				0.2	48	"	0.48	0.321
18	36.60	3.00		0.8	54	"	0.54	0.360
				0.2	58	"	0.58	0.387
19	38.60	2.60		0.8	0	"	0.00	0.005
				0.2	60	"	0.60	0.400
20	40.60	2.90		0.8	48	"	0.48	0.321
				0.2	54	"	0.54	0.360
21	42.60	1.50		0.6	48	"	0.48	0.321
22	44.60	1.00		0.6	38	"	0.38	0.255
23	47.60	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 09-08-92
Station: Belua Bazar S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.101	2.00	0.25	0.50	0.05
1	0.202	0.202					
			0.235	2.00	0.95	1.90	0.45
2	0.268	0.268					
			0.301	2.00	1.90	3.80	1.14
3	0.334	0.334					
	0.334		0.337	2.00	2.45	4.90	1.65
4	0.334	0.341					
	0.347		0.403	2.00	2.85	5.70	2.30
5	0.466	0.466					
	0.466		0.495	2.00	3.55	7.10	3.52
6	0.519	0.525					
	0.532		0.558	2.00	3.85	7.70	4.30
7	0.584	0.591					
	0.598		0.430	2.00	3.80	7.60	3.26
8	0.005	0.268					
	0.532		0.258	1.00	3.85	3.85	0.99
9	0.005	0.248					
	0.492		0.252	1.00	3.65	3.65	0.92
10	0.005	0.255					
	0.505		0.229	1.00	3.70	3.70	0.85
11	0.005	0.202					
	0.400		0.212	1.00	3.75	3.75	0.80
12	0.005	0.222					
	0.439		0.202	1.00	3.20	3.20	0.65
13	0.005	0.182					
	0.360		0.182	1.00	2.70	2.70	0.49
14	0.005	0.182					
	0.360		0.169	2.00	2.55	5.10	0.86
15	0.005	0.156					
	0.308		0.169	2.00	2.95	5.90	1.00
16	0.005	0.182					
	0.360		0.173	2.00	3.10	6.20	1.07
17	0.005	0.163					
	0.321		0.268	2.00	2.95	5.90	1.58
18	0.360	0.374					
	0.387		0.288	2.00	2.80	5.60	1.61
19	0.005	0.202					
	0.400		0.271	2.00	2.75	5.50	1.49
20	0.321	0.341					
	0.360		0.331	2.00	2.20	4.40	1.46
21	0.321	0.321					
			0.288	2.00	1.25	2.50	0.72
22	0.255	0.255					
			0.127	3.00	0.50	1.50	0.19
23	0.000	0.000					
				41.00		102.65	31.35
						M.V.=	0.31

FLOW MEASUREMENT TABLE
Date: 23-08-92
Station: Belua Bazar SG-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	10.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	12.00	0.80		0.6	32	100	0.32	0.215
2	14.00	1.40		0.6	44	"	0.44	0.294
3	16.00	1.40		0.6	62	"	0.62	0.413
4	18.00	2.20		0.8	66	"	0.66	0.439
				0.2	70	"	0.70	0.466
5	20.00	2.40		0.8	66	"	0.66	0.439
				0.2	70	"	0.70	0.466
6	22.00	2.00		0.8	62	"	0.62	0.413
				0.2	64	"	0.64	0.426
7	24.00	1.70		0.8	56	"	0.56	0.374
				0.2	58	"	0.58	0.387
8	25.00	1.80		0.8	56	"	0.56	0.374
				0.2	60	"	0.60	0.400
9	26.00	1.90		0.8	46	"	0.46	0.308
				0.2	48	"	0.48	0.321
10	27.00	2.20		0.8	34	"	0.34	0.229
				0.2	38	"	0.38	0.255
11	28.00	2.40		0.8	34	"	0.34	0.229
				0.2	36	"	0.36	0.242
12	30.00	2.30		0.8	30	"	0.30	0.202
				0.2	32	"	0.32	0.215
13	32.00	2.10		0.8	28	"	0.28	0.189
				0.2	30	"	0.30	0.202
14	34.00	2.10		0.8	26	"	0.26	0.176
				0.2	30	"	0.30	0.202
15	36.00	1.90		0.8	30	"	0.30	0.202
				0.2	34	"	0.34	0.229
16	37.00	2.00		0.8	28	"	0.28	0.189
				0.2	32	"	0.32	0.215
17	38.00	1.70		0.8	38	"	0.38	0.255
				0.2	44	"	0.44	0.294
18	40.00	1.90		0.8	44	"	0.44	0.294
				0.2	48	"	0.48	0.321
19	42.00	1.70		0.8	34	"	0.34	0.229
				0.2	36	"	0.36	0.242
20	44.00	0.60		0.6	18	"	0.18	0.123
21	46.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 23-08-92
Station: Belua Bazar S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.108	2.00	0.40	0.80	0.09
1	0.215	0.215					
			0.255	2.00	1.10	2.20	0.56
2	0.294	0.294					
			0.354	2.00	1.40	2.80	0.99
3	0.413	0.413					
			0.433	2.00	1.80	3.60	1.56
4	0.439	0.453					
	0.466		0.453	2.00	2.30	4.60	2.08
5	0.439	0.453					
	0.466		0.436	2.00	2.20	4.40	1.92
6	0.413	0.420					
	0.426		0.400	2.00	1.85	3.70	1.48
7	0.374	0.380					
	0.387		0.383	1.00	1.75	1.75	0.67
8	0.374	0.387					
	0.400		0.350	1.00	1.85	1.85	0.65
9	0.308	0.314					
	0.321		0.278	1.00	2.05	2.05	0.57
10	0.229	0.242					
	0.255		0.238	1.00	2.30	2.30	0.55
11	0.229	0.235					
	0.242		0.222	2.00	2.35	4.70	1.04
12	0.202	0.209					
	0.215		0.202	2.00	2.20	4.40	0.89
13	0.189	0.196					
	0.202		0.192	2.00	2.10	4.20	0.81
14	0.176	0.189					
	0.202		0.202	2.00	2.00	4.00	0.81
15	0.202	0.215					
	0.229		0.209	1.00	1.95	1.95	0.41
16	0.189	0.202					
	0.215		0.238	1.00	1.85	1.85	0.44
17	0.255	0.275					
	0.294		0.291	2.00	1.80	3.60	1.05
18	0.294	0.308					
	0.321		0.271	2.00	1.80	3.60	0.98
19	0.229	0.235					
	0.242		0.179	2.00	1.15	2.30	0.41
20	0.123	0.123					
			0.062	2.00	0.30	0.60	0.04
21	0.000	0.000					
				36.00		61.25	17.99
						M.V. =	0.29

FLOW MEASUREMENT TABLE
Date: 06-09-92
Station: Belua Bazar SG-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	7.60	0.00	(R.E.W.)	-	-	-	-	0.000
1	10.00	1.10		0.6	26	100	0.26	0.178
2	12.00	1.70		0.8	44	"	0.44	0.296
				0.2	46	"	0.46	0.310
3	14.00	2.30		0.8	50	"	0.50	0.336
				0.2	52	"	0.52	0.349
4	16.00	2.30		0.8	62	"	0.62	0.415
				0.2	72	"	0.72	0.481
5	18.00	3.50		0.8	72	"	0.72	0.481
				0.2	78	"	0.78	0.521
6	20.00	3.40		0.8	0	"	0.00	0.006
				0.2	76	"	0.76	0.508
7	22.00	3.40		0.8	0	"	0.00	0.006
				0.2	68	"	0.68	0.455
8	24.00	3.30		0.8	0	"	0.00	0.006
				0.2	74	"	0.74	0.495
9	26.00	3.10		0.8	0	"	0.00	0.006
				0.2	64	"	0.64	0.429
10	28.00	2.80		0.8	0	"	0.00	0.006
				0.2	56	"	0.56	0.376
11	30.00	2.40		0.8	42	"	0.42	0.283
				0.2	44	"	0.44	0.296
12	32.00	2.50		0.8	48	"	0.48	0.323
				0.2	50	"	0.50	0.336
13	34.00	3.00		0.8	50	"	0.50	0.336
				0.2	52	"	0.52	0.349
14	35.00	2.60		0.8	50	"	0.50	0.336
				0.2	54	"	0.54	0.362
15	36.00	2.40		0.8	48	"	0.48	0.323
				0.2	50	"	0.50	0.336
16	37.00	2.50		0.8	52	"	0.52	0.349
				0.2	48	"	0.48	0.323
17	38.00	2.40		0.8	52	"	0.52	0.349
				0.2	56	"	0.56	0.376
18	40.00	2.60		0.8	54	"	0.54	0.362
				0.2	56	"	0.56	0.376
19	42.00	2.20		0.8	48	"	0.48	0.323
				0.2	50	"	0.50	0.336
20	44.00	1.30		0.6	38	"	0.38	0.257
21	47.70	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 06-09-92
Station: Belua Bazar S-5

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.089	2.40	0.55	1.32	0.12
1	0.178	0.178					
			0.240	2.00	1.40	2.80	0.67
2	0.296	0.303					
	0.310		0.323	2.00	2.00	4.00	1.29
3	0.336	0.343					
	0.349		0.395	2.00	2.30	4.60	1.82
4	0.415	0.448					
	0.481		0.475	2.00	2.90	5.80	2.75
5	0.481	0.501					
	0.521		0.379	2.00	3.45	6.90	2.61
6	0.006	0.257					
	0.508		0.244	2.00	3.40	6.80	1.66
7	0.006	0.230					
	0.455		0.240	2.00	3.35	6.70	1.61
8	0.006	0.250					
	0.495		0.234	2.00	3.20	6.40	1.50
9	0.006	0.217					
	0.429		0.204	2.00	2.95	5.90	1.20
10	0.006	0.191					
	0.376		0.240	2.00	2.60	5.20	1.25
11	0.283	0.290					
	0.296		0.310	2.00	2.45	4.90	1.52
12	0.323	0.329					
	0.336		0.336	2.00	2.75	5.50	1.85
13	0.336	0.343					
	0.349		0.346	1.00	2.80	2.80	0.97
14	0.336	0.349					
	0.362		0.339	1.00	2.50	2.50	0.85
15	0.323	0.329					
	0.336		0.333	1.00	2.45	2.45	0.82
16	0.349	0.336					
	0.323		0.349	1.00	2.45	2.45	0.86
17	0.349	0.362					
	0.376		0.366	2.00	2.50	5.00	1.83
18	0.362	0.369					
	0.376		0.349	2.00	2.40	4.80	1.68
19	0.323	0.329					
	0.336		0.293	2.00	1.75	3.50	1.03
20	0.257	0.257					
			0.128	3.70	0.65	2.41	0.31
21	0.000	0.000					
				40.10		92.73	28.18
						M.V. =	0.30

FLOW MEASUREMENT TABLE
Date: 20-09-92
Station: Belua Bazar SG-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	8.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	11.00	1.10		0.6	38	100	0.38	0.255
2	13.00	1.70		0.8	56	"	0.56	0.374
				0.2	58	"	0.58	0.387
3	15.00	1.90		0.8	60	"	0.60	0.400
				0.2	62	"	0.62	0.413
4	17.00	2.40		0.8	66	"	0.66	0.439
				0.2	66	"	0.66	0.439
5	18.00	3.20		0.8	60	"	0.60	0.400
				0.2	66	"	0.66	0.439
6	19.00	3.50		0.8	76	"	0.76	0.505
				0.2	78	"	0.78	0.519
7	20.00	3.40		0.8	64	"	0.64	0.426
				0.2	68	"	0.68	0.453
8	21.00	3.40		0.8	66	"	0.66	0.439
				0.2	72	"	0.72	0.479
9	23.00	3.40		0.8	60	"	0.60	0.400
				0.2	64	"	0.64	0.426
10	25.00	3.10		0.6	0	"	0.00	0.005
				0.2	50	"	0.50	0.334
11	27.00	2.90		0.6	44	"	0.44	0.294
				0.2	48	"	0.48	0.321
12	29.00	2.00		0.6	48	"	0.48	0.321
				0.2	50	"	0.50	0.334
13	31.00	2.20		0.8	42	"	0.42	0.281
				0.2	44	"	0.44	0.294
14	33.00	2.60		0.8	42	"	0.42	0.281
				0.2	44	"	0.44	0.294
15	35.00	2.20		0.8	48	"	0.48	0.321
				0.2	48	"	0.48	0.321
16	37.00	3.20		0.8	64	"	0.64	0.426
				0.2	68	"	0.68	0.453
17	39.00	3.00		0.8	50	"	0.50	0.334
				0.2	54	"	0.54	0.360
18	40.00	2.30		0.8	48	"	0.48	0.321
				0.2	48	"	0.48	0.321
19	41.00	2.00		0.8	52	"	0.52	0.347
				0.2	54	"	0.54	0.360
20	43.00	1.00		0.6	34	"	0.34	0.229
21	46.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 20-09-92
Station: Belua Bazar S-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.127	3.00	0.55	1.65	0.21
1	0.255	0.255					
			0.318	2.00	1.40	2.80	0.89
2	0.374	0.380					
	0.387		0.393	2.00	1.80	3.60	1.42
3	0.400	0.406					
	0.413		0.423	2.00	2.15	4.30	1.82
4	0.439	0.439					
	0.439		0.430	1.00	2.80	2.80	1.20
5	0.400	0.420					
	0.439		0.466	1.00	3.35	3.35	1.56
6	0.505	0.512					
	0.519		0.476	1.00	3.45	3.45	1.64
7	0.426	0.439					
	0.453		0.449	1.00	3.40	3.40	1.53
8	0.439	0.459					
	0.479		0.436	2.00	3.40	6.80	2.97
9	0.400	0.413					
	0.426		0.291	2.00	3.25	6.50	1.89
10	0.005	0.169					
	0.334		0.238	2.00	3.00	6.00	1.43
11	0.294	0.308					
	0.321		0.318	2.00	2.45	4.90	1.56
12	0.321	0.327					
	0.334		0.308	2.00	2.10	4.20	1.29
13	0.281	0.288					
	0.294		0.288	2.00	2.40	4.80	1.38
14	0.281	0.288					
	0.294		0.304	2.00	2.40	4.80	1.46
15	0.321	0.321					
	0.321		0.380	2.00	2.70	5.40	2.05
16	0.426	0.439					
	0.453		0.393	2.00	3.10	6.20	2.44
17	0.334	0.347					
	0.360		0.334	1.00	2.65	2.65	0.89
18	0.321	0.321					
	0.321		0.337	1.00	2.15	2.15	0.73
19	0.347	0.354					
	0.360		0.291	2.00	1.50	3.00	0.87
20	0.229	0.229					
			0.114	3.00	0.50	1.50	0.17
21	0.000	0.000					
				38.00		84.25	29.39
						M.V.=	0.35

FLOW MEASUREMENT TABLE
Date: 04-10-92
Station: Belua Bazar SG-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	8.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	12.00	0.80		0.6	28	100	0.28	0.191
2	14.00	1.40		0.6	39	"	0.39	0.263
3	16.00	1.40		0.6	42	"	0.42	0.283
4	18.00	2.00		0.8	42	"	0.42	0.283
				0.2	50	"	0.50	0.336
5	20.00	3.00		0.8	46	"	0.46	0.310
				0.2	52	"	0.52	0.349
6	22.00	3.10		0.8	50	"	0.50	0.336
				0.2	56	"	0.56	0.376
7	24.00	3.10		0.8	52	"	0.52	0.349
				0.2	58	"	0.58	0.389
8	26.00	3.40		0.8	53	"	0.53	0.356
				0.2	60	"	0.60	0.402
9	27.00	3.00		0.8	46	"	0.46	0.310
				0.2	50	"	0.50	0.336
10	28.00	2.60		0.8	42	"	0.42	0.283
				0.2	48	"	0.48	0.323
11	29.00	2.00		0.8	48	"	0.48	0.323
				0.2	47	"	0.47	0.316
12	30.00	1.80		0.8	42	"	0.42	0.283
				0.2	45	"	0.45	0.303
13	32.00	1.80		0.8	40	"	0.40	0.270
				0.2	44	"	0.44	0.296
14	34.00	2.20		0.8	36	"	0.36	0.244
				0.2	38	"	0.38	0.257
15	36.00	2.10		0.8	38	"	0.38	0.257
				0.2	40	"	0.40	0.270
16	38.00	1.90		0.8	36	"	0.36	0.244
				0.2	40	"	0.40	0.270
17	40.00	1.80		0.8	35	"	0.35	0.237
				0.2	41	"	0.41	0.277
18	42.00	1.90		0.8	34	"	0.34	0.230
				0.2	38	"	0.38	0.257
19	44.00	1.50		0.6	40	"	0.40	0.270
20	46.00	0.50		0.6	32	"	0.32	0.217
21	49.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 04-10-92
Station: Belua Bazar SG-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.095	4.00	0.40	1.60	0.15
1	0.191	0.191					
			0.227	2.00	1.10	2.20	0.50
2	0.263	0.263					
			0.273	2.00	1.40	2.80	0.77
3	0.283	0.283					
			0.296	2.00	1.70	3.40	1.01
4	0.283	0.310					
	0.336		0.320	2.00	2.50	5.00	1.60
5	0.310	0.329					
	0.349		0.343	2.00	3.05	6.10	2.09
6	0.336	0.356					
	0.376		0.362	2.00	3.10	6.20	2.25
7	0.349	0.369					
	0.389		0.374	2.00	3.25	6.50	2.43
8	0.356	0.379					
	0.402		0.351	1.00	3.20	3.20	1.12
9	0.310	0.323					
	0.336		0.313	1.00	2.80	2.80	0.88
10	0.283	0.303					
	0.323		0.311	1.00	2.30	2.30	0.72
11	0.323	0.320					
	0.316		0.306	1.00	1.90	1.90	0.58
12	0.283	0.293					
	0.303		0.288	2.00	1.80	3.60	1.04
13	0.270	0.283					
	0.296		0.267	2.00	2.00	4.00	1.07
14	0.244	0.250					
	0.257		0.257	2.00	2.15	4.30	1.10
15	0.257	0.263					
	0.270		0.260	2.00	2.00	4.00	1.04
16	0.244	0.257					
	0.270		0.257	2.00	1.85	3.70	0.95
17	0.237	0.257					
	0.277		0.250	2.00	1.85	3.70	0.93
18	0.230	0.244					
	0.257		0.257	2.00	1.70	3.40	0.87
19	0.270	0.270					
			0.244	2.00	1.00	2.00	0.49
20	0.217	0.217					
			0.109	3.00	0.25	0.75	0.08
21	0.000	0.000					
				41.00		73.45	21.65
						M.V. =	0.29

FLOW MEASUREMENT TABLE
Date: 18-10-92
Station: Belua Bazar SG-5

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	10.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	12.00	0.50		0.6	28	100	0.28	0.191
2	13.50	1.25		0.6	40	"	0.40	0.270
3	15.00	1.25		0.6	33	"	0.33	0.224
4	16.50	1.25		0.6	42	"	0.42	0.283
5	18.00	2.20		0.8	54	"	0.54	0.362
				0.2	60	"	0.60	0.402
6	19.50	2.80		0.8	26	"	0.26	0.178
				0.2	60	"	0.60	0.402
7	21.00	2.80		0.8	12	"	0.12	0.085
				0.2	60	"	0.60	0.402
8	22.50	2.00		0.8	64	"	0.64	0.429
				0.2	66	"	0.66	0.442
9	24.00	1.60		0.8	56	"	0.56	0.376
				0.2	60	"	0.60	0.402
10	25.50	1.60		0.8	56	"	0.56	0.376
				0.2	56	"	0.56	0.376
11	27.00	2.00		0.8	46	"	0.46	0.310
				0.2	50	"	0.50	0.336
12	28.50	1.80		0.8	40	"	0.40	0.270
				0.2	42	"	0.42	0.283
13	30.00	2.00		0.8	38	"	0.38	0.257
				0.2	38	"	0.38	0.257
14	31.50	1.80		0.8	32	"	0.32	0.217
				0.2	38	"	0.38	0.257
15	33.00	2.00		0.8	32	"	0.32	0.217
				0.2	34	"	0.34	0.230
16	34.50	2.10		0.8	34	"	0.34	0.230
				0.2	40	"	0.40	0.270
17	36.00	1.80		0.8	38	"	0.38	0.257
				0.2	52	"	0.52	0.349
18	37.50	1.80		0.8	42	"	0.42	0.283
				0.2	52	"	0.52	0.349
19	39.00	2.00		0.8	48	"	0.48	0.323
				0.2	56	"	0.56	0.376
20	40.50	1.80		0.8	46	"	0.46	0.310
				0.2	48	"	0.48	0.323
21	42.00	1.25		0.6	42	"	0.42	0.283
22	45.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 18-10-92
Station: Belua Bazar SG-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.055	2.00	0.25	0.50	0.03
1	0.110	0.110					
			0.190	1.50	0.88	1.31	0.25
2	0.270	0.270					
			0.247	1.50	1.25	1.88	0.46
3	0.224	0.224					
			0.253	1.50	1.25	1.88	0.48
4	0.283	0.283					
			0.333	1.50	1.73	2.59	0.86
5	0.362	0.382					
	0.402		0.336	1.50	2.50	3.75	1.26
6	0.178	0.290					
	0.402		0.267	1.50	2.80	4.20	1.12
7	0.085	0.244					
	0.402		0.339	1.50	2.40	3.60	1.22
8	0.429	0.435					
	0.442		0.412	1.50	1.80	2.70	1.11
9	0.376	0.389					
	0.402		0.382	1.50	1.60	2.40	0.92
10	0.376	0.376					
	0.376		0.349	1.50	1.80	2.70	0.94
11	0.310	0.323					
	0.336		0.300	1.50	1.90	2.85	0.85
12	0.270	0.277					
	0.283		0.267	1.50	1.90	2.85	0.76
13	0.257	0.257					
	0.257		0.247	1.50	1.90	2.85	0.70
14	0.217	0.237					
	0.257		0.230	1.50	1.90	2.85	0.66
15	0.217	0.224					
	0.230		0.237	1.50	2.05	3.08	0.73
16	0.230	0.250					
	0.270		0.277	1.50	1.95	2.93	0.81
17	0.257	0.303					
	0.349		0.310	1.50	1.80	2.70	0.84
18	0.283	0.316					
	0.349		0.333	1.50	1.90	2.85	0.95
19	0.323	0.349					
	0.376		0.333	1.50	1.90	2.85	0.95
20	0.310	0.316					
	0.323		0.300	1.50	1.53	2.29	0.69
21	0.283	0.283					
			0.142	3.00	0.63	1.88	0.27
22	0.000	0.000					
				35.00		57.46	16.85
						M.V. =	0.29

FLOW MEASUREMENT TABLE
Date: 01-11-92
Station: Belua Bazar SG-5

No of Vert. 1	Dist. from Initial Pt 2	Depth 3	Corrected Depth 4	Point of Obs. 5	Number of Rev. 6	Times of Rev. 7	Rate of Rev. 8	Velocity M/Sec. 9
V-O	13.50	0.00	(R.E.W.)	-	-	-	-	0.000
1	17.50	0.50		0.6	18	100	0.18	0.125
2	19.50	1.30		0.6	38	"	0.38	0.257
3	21.50	1.30		0.6	38	"	0.38	0.257
4	22.50	1.20		0.6	42	"	0.42	0.283
5	23.50	1.00		0.6	46	"	0.46	0.310
6	24.50	1.00		0.6	46	"	0.46	0.310
7	25.50	1.20		0.6	44	"	0.44	0.296
8	26.50	1.00		0.6	40	"	0.40	0.270
9	27.50	1.10		0.6	38	"	0.38	0.257
10	28.50	1.10		0.6	38	"	0.38	0.257
11	29.50	0.70		0.6	36	"	0.36	0.244
12	30.50	0.50		0.6	34	"	0.34	0.230
13	31.50	0.60		0.6	32	"	0.32	0.217
14	32.50	0.70		0.6	30	"	0.30	0.204
15	33.50	0.70		0.6	30	"	0.30	0.204
16	34.50	0.90		0.6	30	"	0.30	0.204
17	35.50	1.10		0.6	28	"	0.28	0.191
18	36.50	0.80		0.6	30	"	0.30	0.204
19	37.50	0.60		0.6	32	"	0.32	0.217
20	38.50	0.70		0.6	26	"	0.26	0.178
21	39.50	0.7		0.6	28	"	0.28	0.191
22	43.50	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 01-11-92
Station: Belua Bazar SG-5

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.062	4.00	0.25	1.00	0.06
1	0.125	0.125					
			0.191	2.00	0.80	1.60	0.31
2	0.257	0.257					
			0.257	2.00	1.30	2.60	0.67
3	0.257	0.257					
			0.270	1.00	1.25	1.25	0.34
4	0.283	0.283					
			0.296	1.00	1.10	1.10	0.33
5	0.310	0.310					
			0.310	1.00	1.00	1.00	0.31
6	0.310	0.310					
			0.303	1.00	1.10	1.10	0.33
7	0.296	0.296					
			0.283	1.00	1.10	1.10	0.31
8	0.270	0.270					
			0.263	1.00	1.05	1.05	0.28
9	0.257	0.257					
			0.257	1.00	1.10	1.10	0.28
10	0.257	0.257					
			0.250	1.00	0.90	0.90	0.23
11	0.244	0.244					
			0.237	1.00	0.60	0.60	0.14
12	0.230	0.230					
			0.224	1.00	0.55	0.55	0.12
13	0.217	0.217					
			0.211	1.00	0.65	0.65	0.14
14	0.204	0.204					
			0.204	1.00	0.70	0.70	0.14
15	0.204	0.204					
			0.204	1.00	0.80	0.80	0.16
16	0.204	0.204					
			0.197	1.00	1.00	1.00	0.20
17	0.191	0.191					
			0.197	1.00	0.95	0.95	0.19
18	0.204	0.204					
			0.211	1.00	0.70	0.70	0.15
19	0.217	0.217					
			0.197	1.00	0.65	0.65	0.13
20	0.178	0.178					
			0.184	1.00	0.70	0.70	0.13
21	0.191	0.191					
			0.095	4.00	0.35	1.40	0.13
22	0.000	0.000					
				30.00		22.50	5.07
						M.V. =	0.23

FLOW MEASUREMENT TABLE
Date: 15-07-92
Station: Kalihati SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	7.80	0.00	(R.E.W.)	-	-	-	-	0.000
1	11.80	1.50		0.6	114	100	1.14	0.756
2	14.80	2.00		0.8	102	"	1.02	0.677
				0.2	118	"	1.18	0.782
3	17.80	3.00		0.8	100	"	1.00	0.664
				0.2	116	"	1.16	0.769
4	20.80	3.00		0.8	110	"	1.10	0.729
				0.2	123	"	1.23	0.815
5	23.80	3.00		0.8	110	"	1.10	0.729
				0.2	126	"	1.26	0.835
6	26.80	3.00		0.8	108	"	1.08	0.716
				0.2	122	"	1.22	0.808
7	29.80	3.10		0.8	116	"	1.16	0.769
				0.2	128	"	1.28	0.848
8	32.80	2.20		0.8	122	"	1.22	0.808
				0.2	126	"	1.26	0.835
9	35.80	2.10		0.8	110	"	1.10	0.729
				0.2	128	"	1.28	0.848
10	38.80	2.00		0.8	112	"	1.12	0.743
				0.2	128	"	1.28	0.848
11	41.80	1.70		0.8	104	"	1.04	0.690
				0.2	120	"	1.20	0.795
12	44.80	1.70		0.8	102	"	1.02	0.677
				0.2	102	"	1.02	0.677
13	47.80	1.60		0.8	100	"	1.00	0.664
				0.2	110	"	1.10	0.729
14	50.80	1.60		0.8	89	"	0.89	0.591
				0.2	100	"	1.00	0.664
15	52.80	1.60		0.6	86	"	0.86	0.571
16	54.80	1.40		0.6	80	"	0.80	0.532
17	56.80	1.20		0.6	86	"	0.86	0.571
18	58.80	1.00		0.6	86	"	0.86	0.571
19	60.80	1.00		0.6	70	"	0.70	0.466
20	62.80	0.80		0.6	60	"	0.60	0.400
21	67.80	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 15-07-92
Station: Kalihati SG-7

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.378	4.00	0.75	3.00	1.13
1	0.756	0.756					
			0.743	3.00	1.75	5.25	3.90
2	0.677	0.729					
	0.782		0.723	3.00	2.50	7.50	5.42
3	0.664	0.716					
	0.769		0.744	3.00	3.00	9.00	6.70
4	0.729	0.772					
	0.815		0.777	3.00	3.00	9.00	6.99
5	0.729	0.782					
	0.835		0.772	3.00	3.00	9.00	6.95
6	0.716	0.762					
	0.808		0.785	3.00	3.05	9.15	7.19
7	0.769	0.808					
	0.848		0.815	3.00	2.65	7.95	6.48
8	0.808	0.822					
	0.835		0.805	3.00	2.15	6.45	5.19
9	0.729	0.789					
	0.848		0.792	3.00	2.05	6.15	4.87
10	0.743	0.795					
	0.848		0.769	3.00	1.85	5.55	4.27
11	0.690	0.743					
	0.795		0.710	3.00	1.70	5.10	3.62
12	0.677	0.677					
	0.677		0.687	3.00	1.65	4.95	3.40
13	0.664	0.696					
	0.729		0.662	3.00	1.60	4.80	3.18
14	0.591	0.627					
	0.664		0.599	2.00	1.60	3.20	1.92
15	0.571	0.571					
			0.551	2.00	1.50	3.00	1.65
16	0.532	0.532					
			0.551	2.00	1.30	2.60	1.43
17	0.571	0.571					
			0.571	2.00	1.10	2.20	1.26
18	0.571	0.571					
			0.519	2.00	1.00	2.00	1.04
19	0.466	0.466					
			0.433	2.00	0.90	1.80	0.78
20	0.400	0.400					
			0.200	5.00	0.40	2.00	0.40
21	0.000	0.000					
				60		109.65	77.77
						M.V. =	0.71

R8

FLOW MEASUREMENT TABLE
Date: 29-07-92
Station: Charanhat SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	8.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	11.00	1.00		0.6	88	100	0.88	0.584
2	14.00	1.60		0.8	84	"	0.84	0.558
				0.2	100	"	1.00	0.664
3	16.00	2.60		0.8	92	"	0.92	0.611
				0.2	94	"	0.94	0.624
4	18.00	3.00		0.8	100	"	1.00	0.664
				0.2	104	"	1.04	0.690
5	20.00	3.00		0.8	98	"	0.98	0.650
				0.2	100	"	1.00	0.664
6	22.00	2.90		0.8	106	"	1.06	0.703
				0.2	110	"	1.10	0.729
7	24.00	2.90		0.8	104	"	1.04	0.690
				0.2	106	"	1.06	0.703
8	26.00	2.90		0.8	100	"	1.00	0.664
				0.2	104	"	1.04	0.690
9	28.00	3.00		0.8	104	"	1.04	0.690
				0.2	104	"	1.04	0.690
10	30.00	3.00		0.8	96	"	0.96	0.637
				0.2	100	"	1.00	0.664
11	32.00	2.25		0.8	100	"	1.00	0.664
				0.2	104	"	1.04	0.690
12	34.00	2.10		0.8	98	"	0.98	0.650
				0.2	100	"	1.00	0.664
13	36.00	2.10		0.8	96	"	0.96	0.637
				0.2	100	"	1.00	0.664
14	38.00	2.00		0.8	98	"	0.98	0.650
				0.2	99	"	0.99	0.657
15	40.00	1.80		0.8	100	"	1.00	0.664
				0.2	104	"	1.04	0.690
16	42.00	1.80		0.8	92	"	0.92	0.611
				0.2	86	"	0.86	0.571
17	44.00	1.80		0.8	90	"	0.90	0.598
				0.2	98	"	0.98	0.650
18	46.00	1.60		0.8	94	"	0.94	0.624
				0.2	96	"	0.96	0.637
19	49.00	1.60		0.8	92	"	0.92	0.611
				0.2	94	"	0.94	0.624
20	52.00	1.60		0.8	88	"	0.88	0.584
				0.2	90	"	0.90	0.598
21	55.00	1.20		0.6	92	"	0.92	0.611
22	58.00	1.10		0.6	70	"	0.70	0.466
23	61.00	0.70		0.6	64	"	0.64	0.426
24	65.50	0.00	(L.E.W.)	-	-	-	-	0.000

RC

FLOW COMPUTATION TABLE
Date: 29-07-92
Station: Charanhat SG-7

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.292	3.00	0.50	1.50	0.44
1	0.584	0.584					
			0.598	3.00	1.30	3.90	2.33
2	0.558	0.611					
	0.664		0.614	2.00	2.10	4.20	2.58
3	0.611	0.617					
	0.624		0.647	2.00	2.80	5.60	3.62
4	0.664	0.677					
	0.690		0.667	2.00	3.00	6.00	4.00
5	0.650	0.657					
	0.664		0.687	2.00	2.95	5.90	4.05
6	0.703	0.716					
	0.729		0.706	2.00	2.90	5.80	4.10
7	0.690	0.696					
	0.703		0.687	2.00	2.90	5.80	3.98
8	0.664	0.677					
	0.690		0.683	2.00	2.95	5.90	4.03
9	0.690	0.690					
	0.690		0.670	2.00	3.00	6.00	4.02
10	0.637	0.650					
	0.664		0.664	2.00	2.63	5.25	3.48
11	0.664	0.677					
	0.690		0.667	2.00	2.18	4.35	2.90
12	0.650	0.657					
	0.664		0.654	2.00	2.10	4.20	2.75
13	0.637	0.650					
	0.664		0.652	2.00	2.05	4.10	2.67
14	0.650	0.654					
	0.657		0.665	2.00	1.90	3.80	2.53
15	0.664	0.677					
	0.690		0.634	2.00	1.80	3.60	2.28
16	0.611	0.591					
	0.571		0.607	2.00	1.80	3.60	2.19
17	0.598	0.624					
	0.650		0.627	2.00	1.70	3.40	2.13
18	0.624	0.631					
	0.637		0.624	3.00	1.60	4.80	3.00
19	0.611	0.617					
	0.624		0.604	3.00	1.60	4.80	2.90
20	0.584	0.591					
	0.598		0.601	3.00	1.40	4.20	2.52
21	0.611	0.611					
			0.538	3.00	1.15	3.45	1.86
22	0.466	0.466					
			0.446	3.00	0.90	2.70	1.20
23	0.426	0.426					
			0.213	4.50	0.35	1.58	0.34
24	0.000	0.000					
				57.50		104.43	65.90

M.V. = 0.63

FLOW MEASUREMENT TABLE
Date: 12-08-92
Station: Charanhat SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	9.70	0.00	(R.E.W.)	-	-	-	-	0.000
1	12.70	1.00		0.6	100	100	1.00	0.664
2	14.70	1.30		0.6	106	"	1.06	0.703
3	16.70	2.00		0.5	92	"	0.92	0.611
				0.2	100	"	1.00	0.664
4	18.70	2.50		0.5	104	"	1.04	0.690
				0.2	108	"	1.08	0.716
5	20.70	2.90		0.5	104	"	1.04	0.690
				0.2	108	"	1.08	0.716
6	22.70	2.90		0.5	104	"	1.04	0.690
				0.2	112	"	1.12	0.743
7	24.70	2.80		0.5	108	"	1.08	0.716
				0.2	112	"	1.12	0.743
8	26.70	2.50		0.5	106	"	1.06	0.703
				0.2	110	"	1.10	0.729
9	28.70	2.60		0.8	100	"	1.00	0.664
				0.2	108	"	1.08	0.716
10	30.70	2.70		0.5	102	"	1.02	0.677
				0.2	106	"	1.06	0.703
11	32.70	2.50		0.5	100	"	1.00	0.664
				0.2	104	"	1.04	0.690
12	34.70	2.40		0.5	96	"	0.96	0.637
				0.2	98	"	0.98	0.650
13	36.70	2.20		0.5	94	"	0.94	0.624
				0.2	108	"	1.08	0.716
14	39.70	2.10		0.8	84	"	0.84	0.558
				0.2	102	"	1.02	0.677
15	41.70	1.80		0.8	96	"	0.96	0.637
				0.2	98	"	0.98	0.650
16	44.70	1.50		0.6	86	"	0.86	0.571
17	47.70	1.40		0.6	90	"	0.90	0.598
18	50.70	1.30		0.6	78	"	0.78	0.519
19	53.70	1.30		0.6	76	"	0.76	0.505
20	56.70	1.00		0.6	70	"	0.70	0.466
21	59.70	0.90		0.6	58	"	0.58	0.387
22	62.70	0.60		0.6	56	"	0.56	0.374
23	65.70	0.30		SGR	40	"	0.40	0.268
24	67.70	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 12-08-92
Station: Charanhat SG-7

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.332	3.00	0.50	1.50	0.50
1	0.664	0.664					
			0.683	2.00	1.15	2.30	1.57
2	0.703	0.703					
			0.670	2.00	1.65	3.30	2.21
3	0.611	0.637					
	0.664		0.670	2.00	2.25	4.50	3.02
4	0.690	0.703					
	0.716		0.703	2.00	2.70	5.40	3.80
5	0.690	0.703					
	0.716		0.710	2.00	2.90	5.80	4.12
6	0.690	0.716					
	0.743		0.723	2.00	2.85	5.70	4.12
7	0.716	0.729					
	0.743		0.723	2.00	2.65	5.30	3.83
8	0.703	0.716					
	0.729		0.703	2.00	2.55	5.10	3.59
9	0.664	0.690					
	0.716		0.690	2.00	2.65	5.30	3.66
10	0.677	0.690					
	0.703		0.683	2.00	2.60	5.20	3.55
11	0.664	0.677					
	0.690		0.660	2.00	2.45	4.90	3.24
12	0.637	0.644					
	0.650		0.657	2.00	2.30	4.60	3.02
13	0.624	0.670					
	0.716		0.644	3.00	2.15	6.45	4.15
14	0.558	0.617					
	0.677		0.631	2.00	1.95	3.90	2.46
15	0.637	0.644					
			0.607	3.00	1.65	4.95	3.01
16	0.571	0.571					
			0.584	3.00	1.45	4.35	2.54
17	0.598	0.598					
			0.558	3.00	1.35	4.05	2.26
18	0.519	0.519					
			0.512	3.00	1.30	3.90	2.00
19	0.505	0.505					
			0.486	3.00	1.15	3.45	1.68
20	0.466	0.466					
			0.426	3.00	0.95	2.85	1.21
21	0.387	0.387					
			0.380	3.00	0.75	2.25	0.86
22	0.374	0.374					
			0.302	3.00	0.45	1.35	0.41
23	0.230	0.230					
			0.115	2.00	0.15	0.30	0.03
24	0.000	0.000					
				58.00		96.70	60.81
						M.V. =	0.63

FLOW MEASUREMENT TABLE
Date: 26-08-92
Station: Charanhat SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	11.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	15.00	0.80		0.6	100	100	1.00	0.666
2	17.00	1.20		0.6	106	"	1.06	0.706
3	19.00	1.70		0.8	106	"	1.06	0.706
				0.2	110	"	1.10	0.732
4	21.00	2.30		0.8	116	"	1.16	0.772
				0.2	118	"	1.18	0.785
5	23.00	2.40		0.8	120	"	1.20	0.798
				0.2	122	"	1.22	0.812
6	25.00	2.80		0.8	116	"	1.16	0.772
				0.2	116	"	1.16	0.772
7	27.00	2.10		0.8	112	"	1.12	0.746
				0.2	116	"	1.16	0.772
8	29.00	2.10		0.8	108	"	1.08	0.719
				0.2	110	"	1.10	0.732
9	31.00	2.20		0.8	116	"	1.16	0.772
				0.2	118	"	1.18	0.785
10	33.00	2.10		0.8	110	"	1.10	0.732
				0.2	112	"	1.12	0.746
11	35.00	2.20		0.8	110	"	1.10	0.732
				0.2	112	"	1.12	0.746
12	37.00	2.00		0.8	110	"	1.10	0.732
				0.2	112	"	1.12	0.746
13	39.00	1.80		0.8	110	"	1.10	0.732
				0.2	112	"	1.12	0.746
14	41.00	1.70		0.8	98	"	0.98	0.653
				0.2	106	"	1.06	0.706
15	43.00	1.50		0.8	102	"	1.02	0.680
				0.2	108	"	1.08	0.719
16	45.00	1.30		0.6	110	"	1.10	0.732
17	47.00	1.30		0.6	104	"	1.04	0.693
18	49.00	1.20		0.6	100	"	1.00	0.666
19	52.00	1.20		0.6	106	"	1.06	0.706
20	55.00	1.10		0.6	84	"	0.84	0.561
21	58.00	1.00		0.6	72	"	0.72	0.481
22	61.00	0.80		0.6	70	"	0.70	0.468
23	64.00	0.50		0.6	60	"	0.60	0.402
24	69.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 26-08-92
Station: Charanhat SG-7

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.333	4.00	0.40	1.60	0.53
1	0.666	0.666					
			0.686	2.00	1.00	2.00	1.37
2	0.706	0.706					
			0.713	2.00	1.45	2.90	2.07
3	0.706	0.719					
	0.732		0.749	2.00	2.00	4.00	3.00
4	0.772	0.779					
	0.785		0.792	2.00	2.35	4.70	3.72
5	0.798	0.805					
	0.812		0.788	2.00	2.60	5.20	4.10
6	0.772	0.772					
	0.772		0.765	2.00	2.45	4.90	3.75
7	0.746	0.759					
	0.772		0.742	2.00	2.10	4.20	3.12
8	0.719	0.726					
	0.732		0.752	2.00	2.15	4.30	3.23
9	0.772	0.779					
	0.785		0.759	2.00	2.15	4.30	3.26
10	0.732	0.739					
	0.746		0.739	2.00	2.15	4.30	3.18
11	0.732	0.739					
	0.746		0.739	2.00	2.10	4.20	3.10
12	0.732	0.739					
	0.746		0.739	2.00	1.90	3.80	2.81
13	0.732	0.739					
	0.746		0.709	2.00	1.75	3.50	2.48
14	0.653	0.680					
	0.706		0.689	2.00	1.60	3.20	2.21
15	0.680	0.699					
	0.719		0.716	2.00	1.40	2.80	2.00
16	0.732	0.732					
			0.713	2.00	1.30	2.60	1.85
17	0.693	0.693					
			0.680	2.00	1.25	2.50	1.70
18	0.666	0.666					
			0.686	3.00	1.20	3.60	2.47
19	0.706	0.706					
			0.633	3.00	1.15	3.45	2.18
20	0.561	0.561					
			0.521	3.00	1.05	3.15	1.64
21	0.481	0.481					
			0.475	3.00	0.90	2.70	1.28
22	0.468	0.468					
			0.435	3.00	0.65	1.95	0.85
23	0.402	0.402					
			0.201	5.00	0.25	1.25	0.25
24	0.000	0.000					
				58.00		81.10	56.16

M.V. = 0.69

FLOW MEASUREMENT TABLE
Date: 09-09-92
Station: Charanhat SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	9.80	0.00	(R.E.W.)	-	-	-	-	0.000
1	13.30	0.90		0.6	100	100	1.00	0.666
2	16.30	1.50		0.8	98	"	0.98	0.653
				0.2	106	"	1.06	0.706
3	18.30	2.30		0.8	106	"	1.06	0.706
				0.2	108	"	1.08	0.719
4	20.30	2.70		0.8	104	"	1.04	0.693
				0.2	106	"	1.06	0.706
5	22.30	2.60		0.8	102	"	1.02	0.680
				0.2	112	"	1.12	0.746
6	24.30	2.40		0.8	108	"	1.08	0.719
				0.2	110	"	1.10	0.732
7	26.30	2.40		0.8	106	"	1.06	0.706
				0.2	108	"	1.08	0.719
8	28.30	2.10		0.8	102	"	1.02	0.680
				0.2	106	"	1.06	0.706
9	30.30	2.30		0.8	104	"	1.04	0.693
				0.2	108	"	1.08	0.719
10	32.30	2.30		0.8	100	"	1.00	0.666
				0.2	108	"	1.08	0.719
11	34.30	2.20		0.8	100	"	1.00	0.666
				0.2	108	"	1.08	0.719
12	36.30	1.90		0.8	94	"	0.94	0.627
				0.2	96	"	0.96	0.640
13	38.30	1.70		0.8	84	"	0.84	0.561
				0.2	96	"	0.96	0.640
14	40.30	1.60		0.8	84	"	0.84	0.561
				0.2	106	"	1.06	0.706
15	42.30	1.40		0.6	106	"	1.06	0.706
16	45.30	1.40		0.6	100	"	1.00	0.666
17	48.30	1.30		0.6	92	"	0.92	0.613
18	51.30	1.20		0.6	72	"	0.72	0.481
19	54.30	1.10		0.6	80	"	0.80	0.534
20	57.30	0.90		0.6	76	"	0.76	0.508
21	60.30	0.70		0.6	64	"	0.64	0.429
22	63.30	0.40		0.6	44	"	0.44	0.296
23	66.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 09-09-92
Station: Charanhat SG-7

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.333	3.50	0.45	1.58	0.52
1	0.666	0.666					
			0.673	3.00	1.20	3.60	2.42
2	0.653	0.680					
	0.706		0.696	2.00	1.90	3.80	2.65
3	0.706	0.713					
	0.719		0.706	2.00	2.50	5.00	3.53
4	0.693	0.699					
	0.706		0.706	2.00	2.65	5.30	3.74
5	0.680	0.713					
	0.746		0.719	2.00	2.50	5.00	3.60
6	0.719	0.726					
	0.732		0.719	2.00	2.40	4.80	3.45
7	0.706	0.713					
	0.719		0.703	2.00	2.25	4.50	3.16
8	0.680	0.693					
	0.706		0.699	2.00	2.20	4.40	3.08
9	0.693	0.706					
	0.719		0.699	2.00	2.30	4.60	3.22
10	0.666	0.693					
	0.719		0.693	2.00	2.25	4.50	3.12
11	0.666	0.693					
	0.719		0.663	2.00	2.05	4.10	2.72
12	0.627	0.633					
	0.640		0.617	2.00	1.80	3.60	2.22
13	0.561	0.600					
	0.640		0.617	2.00	1.65	3.30	2.04
14	0.561	0.633					
	0.706		0.670	2.00	1.50	3.00	2.01
15	0.706	0.706					
			0.686	3.00	1.40	4.20	2.88
16	0.666	0.666					
			0.640	3.00	1.35	4.05	2.59
17	0.613	0.613					
			0.547	3.00	1.25	3.75	2.05
18	0.481	0.481					
			0.508	3.00	1.15	3.45	1.75
19	0.534	0.534					
			0.521	3.00	1.00	3.00	1.56
20	0.508	0.508					
			0.468	3.00	0.80	2.40	1.12
21	0.429	0.429					
			0.362	3.00	0.55	1.65	0.60
22	0.296	0.296					
			0.148	2.70	0.20	0.54	0.08
23	0.000	0.000					
				56.20		84.12	54.11
						M.V. =	0.64

DG2

FLOW MEASUREMENT TABLE
Date: 23-09-92
Station: Charanhat SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	10.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	13.00	0.90		0.6	102	100	1.02	0.680
2	15.00	1.30		0.6	106	"	1.06	0.706
3	17.00	1.70		0.8	108	"	1.08	0.719
				0.2	110	"	1.10	0.732
4	19.00	1.60		0.8	104	"	1.04	0.693
				0.2	110	"	1.10	0.732
5	21.00	2.40		0.8	108	"	1.08	0.719
				0.2	116	"	1.16	0.772
6	23.00	2.80		0.8	106	"	1.06	0.706
				0.2	110	"	1.10	0.732
7	25.00	2.70		0.8	114	"	1.14	0.759
				0.2	120	"	1.20	0.798
8	27.00	2.70		0.8	114	"	1.14	0.759
				0.2	120	"	1.20	0.798
9	29.00	2.50		0.8	110	"	1.10	0.732
				0.2	118	"	1.18	0.785
10	32.00	2.50		0.8	106	"	1.06	0.706
				0.2	110	"	1.10	0.732
11	35.00	2.60		0.8	100	"	1.00	0.666
				0.2	106	"	1.06	0.706
12	38.00	2.20		0.8	102	"	1.02	0.680
				0.2	108	"	1.08	0.719
13	41.00	1.90		0.8	102	"	1.02	0.680
				0.2	112	"	1.12	0.746
14	44.00	1.70		0.8	90	"	0.90	0.600
				0.2	108	"	1.08	0.719
15	47.00	1.45		0.6	96	"	0.96	0.640
16	50.00	1.50		0.6	88	"	0.88	0.587
17	53.00	1.40		0.6	92	"	0.92	0.613
18	56.00	1.40		0.6	82	"	0.82	0.547
19	59.00	1.10		0.6	76	"	0.76	0.508
20	63.00	0.80		0.6	72	"	0.72	0.481
21	67.00	0.50		0.6	52	"	0.52	0.349
22	70.50	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 23-09-92
Station: Charanhat SG-7

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.340	3.00	0.45	1.35	0.46
1	0.680	0.680					
			0.680	2.00	1.10	2.20	1.50
2	0.706	0.680					
			0.703	2.00	1.50	3.00	2.11
3	0.719	0.726					
	0.732		0.719	2.00	1.65	3.30	2.37
4	0.693	0.713					
	0.732		0.729	2.00	2.00	4.00	2.92
5	0.719	0.746					
	0.772		0.732	2.00	2.60	5.20	3.81
6	0.706	0.719					
	0.732		0.749	2.00	2.75	5.50	4.12
7	0.759	0.779					
	0.798		0.779	2.00	2.70	5.40	4.20
8	0.759	0.779					
	0.798		0.769	2.00	2.60	5.20	4.00
9	0.732	0.759					
	0.785		0.739	3.00	2.50	7.50	5.54
10	0.706	0.719					
	0.732		0.703	3.00	2.55	7.65	5.38
11	0.666	0.686					
	0.706		0.693	3.00	2.40	7.20	4.99
12	0.680	0.699					
	0.719		0.706	3.00	2.05	6.15	4.34
13	0.680	0.713					
	0.746		0.686	3.00	1.80	5.40	3.71
14	0.600	0.660					
	0.719		0.650	3.00	1.58	4.73	3.07
15	0.640	0.640					
			0.613	3.00	1.48	4.43	2.71
16	0.587	0.587					
			0.600	3.00	1.45	4.35	2.61
17	0.613	0.613					
			0.580	3.00	1.40	4.20	2.44
18	0.547	0.547					
			0.528	3.00	1.25	3.75	1.98
19	0.508	0.508					
			0.495	4.00	0.95	3.80	1.88
20	0.481	0.481					
			0.415	4.00	0.65	2.60	1.08
21	0.349	0.349					
			0.175	3.50	0.25	0.88	0.15
22	0.000	0.000					
				60.50		97.78	65.36
						M.V. =	0.67

FLOW MEASUREMENT TABLE
Date: 07-10-92
Station: Charan Hat SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	10.00	0.00	(L.E.W.)	-	-	-	-	0.000
1	13.00	0.95		0.6	104	100	1.04	0.690
2	15.00	1.35		0.6	108	"	1.08	0.716
3	17.00	1.75		0.8	110	"	1.10	0.729
				0.2	112	"	1.12	0.743
4	19.00	1.65		0.8	106	"	1.06	0.703
				0.2	112	"	1.12	0.743
5	21.00	2.45		0.8	110	"	1.10	0.729
				0.2	118	"	1.18	0.782
6	23.00	2.85		0.8	108	"	1.08	0.716
				0.2	112	"	1.12	0.743
7	25.00	2.70		0.8	116	"	1.16	0.769
				0.2	122	"	1.22	0.808
8	27.00	2.75		0.8	116	"	1.16	0.769
				0.2	122	"	1.22	0.808
9	29.00	2.55		0.8	112	"	1.12	0.743
				0.2	120	"	1.20	0.795
10	32.00	2.50		0.8	108	"	1.08	0.716
				0.2	112	"	1.12	0.743
11	35.00	2.60		0.8	102	"	1.02	0.677
				0.2	108	"	1.08	0.716
12	38.00	2.25		0.8	104	"	1.04	0.690
				0.2	110	"	1.10	0.729
13	41.00	1.95		0.8	104	"	1.04	0.690
				0.2	114	"	1.14	0.756
14	44.00	1.75		0.8	90	"	0.90	0.598
				0.2	110	"	1.10	0.729
15	47.00	1.52		0.8	98	"	0.98	0.650
				0.2	105	"	1.05	0.696
16	50.00	1.50		0.6	98	"	0.98	0.650
17	53.00	1.45		0.6	92	"	0.92	0.611
18	56.00	1.40		0.6	84	"	0.84	0.558
19	59.00	1.30		0.6	78	"	0.78	0.519
20	63.00	0.85		0.6	74	"	0.74	0.492
21	67.00	0.55		0.6	54	"	0.54	0.360
22	70.50	0.00		-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 07-10-92
Station: Charan Hat SG-7

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.345	3.00	0.48	1.43	0.49
1	0.690	0.690					
			0.703	2.00	1.15	2.30	1.62
2	0.716	0.716					
			0.726	2.00	1.55	3.10	2.25
3	0.729	0.736					
	0.743		0.729	2.00	1.70	3.40	2.48
4	0.703	0.723					
	0.743		0.739	2.00	2.05	4.10	3.03
5	0.729	0.756					
	0.782		0.743	2.00	2.65	5.30	3.94
6	0.716	0.729					
	0.743		0.759	2.00	2.78	5.55	4.21
7	0.769	0.789					
	0.808		0.789	2.00	2.73	5.45	4.30
8	0.769	0.789					
	0.808		0.779	2.00	2.65	5.30	4.13
9	0.743	0.769					
	0.795		0.749	3.00	2.53	7.58	5.67
10	0.716	0.729					
	0.743		0.713	3.00	2.55	7.65	5.45
11	0.677	0.696					
	0.716		0.703	3.00	2.43	7.28	5.11
12	0.690	0.710					
	0.729		0.716	3.00	2.10	6.30	4.51
13	0.690	0.723					
	0.756		0.693	3.00	1.85	5.55	3.85
14	0.598	0.664					
	0.729		0.668	3.00	1.64	4.91	3.28
15	0.650	0.673					
	0.696		0.662	3.00	1.51	4.53	3.00
16	0.650	0.650					
			0.631	3.00	1.48	4.43	2.79
17	0.611	0.611					
			0.584	3.00	1.43	4.28	2.50
18	0.558	0.558					
			0.538	3.00	1.35	4.05	2.18
19	0.519	0.519					
			0.505	4.00	1.08	4.30	2.17
20	0.492	0.492					
			0.426	4.00	0.70	2.80	1.19
21	0.360	0.360					
			0.180	3.50	0.28	0.96	0.17
22	0.005	0.000					
				60.50		100.52	68.33
						M.V. =	0.68

FLOW MEASUREMENT TABLE
Date: 21-10-92
Station: Charan Hat SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	11.30	0.00	(R.E.W.)	-	-	-	-	0.000
1	15.30	0.50		0.6	12	100	0.12	0.085
2	18.30	1.50		0.8	22	"	0.22	0.151
				0.2	66	"	0.66	0.442
3	21.30	2.40		0.8	56	"	0.56	0.376
				0.2	64	"	0.64	0.429
4	23.30	2.40		0.8	50	"	0.50	0.336
				0.2	68	"	0.68	0.455
5	25.30	2.40		0.8	60	"	0.60	0.402
				0.2	70	"	0.70	0.468
6	27.30	2.10		0.8	58	"	0.58	0.389
				0.2	68	"	0.68	0.455
7	29.30	1.00		0.8	56	"	0.56	0.376
				0.2	64	"	0.64	0.429
8	31.30	1.90		0.8	54	"	0.54	0.362
				0.2	58	"	0.58	0.389
9	33.30	1.50		0.8	60	"	0.60	0.402
				0.2	66	"	0.66	0.442
10	35.30	1.70		0.8	54	"	0.54	0.362
				0.2	62	"	0.62	0.415
11	37.30	1.50		0.8	60	"	0.60	0.402
				0.2	60	"	0.60	0.402
12	39.30	1.20		0.6	54	"	0.54	0.362
13	41.30	1.20		0.6	56	"	0.56	0.376
14	43.30	0.90		0.6	56	"	0.56	0.376
15	45.30	0.90		0.6	56	"	0.56	0.376
16	47.30	1.00		0.6	42	"	0.42	0.283
17	49.30	0.90		0.6	24	"	0.24	0.164
18	51.30	0.90		0.6	24	"	0.24	0.164
19	53.30	0.80		0.6	34	"	0.34	0.230
20	55.30	0.60		0.6	40	"	0.40	0.270
21	58.30	0.40		0.6	40	"	0.40	0.270
22	61.30	0.25		0.6	18	"	0.18	0.125
23	65.30	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 21-10-92
Station: Charan Hat SG-7

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.043	4.00	0.25	1.00	0.04
1	0.085	0.085					
			0.191	3.00	1.00	3.00	0.57
2	0.151	0.296					
	0.442		0.349	3.00	1.95	5.85	2.04
3	0.376	0.402					
	0.429		0.399	2.00	2.40	4.80	1.91
4	0.336	0.395					
	0.455		0.415	2.00	2.40	4.80	1.99
5	0.402	0.435					
	0.468		0.429	2.00	2.25	4.50	1.93
6	0.389	0.422					
	0.455		0.412	2.00	1.55	3.10	1.28
7	0.376	0.402					
	0.429		0.389	2.00	1.45	2.90	1.13
8	0.362	0.376					
	0.389		0.399	2.00	1.70	3.40	1.36
9	0.402	0.422					
	0.442		0.405	2.00	1.60	3.20	1.30
10	0.362	0.389					
	0.415		0.395	2.00	1.60	3.20	1.27
11	0.402	0.402					
	0.402		0.382	2.00	1.35	2.70	1.03
12	0.362	0.362					
			0.369	2.00	1.20	2.40	0.89
13	0.376	0.376					
			0.376	2.00	1.05	2.10	0.79
14	0.376	0.376					
			0.376	2.00	0.90	1.80	0.68
15	0.376	0.376					
			0.329	2.00	0.95	1.90	0.63
16	0.283	0.283					
			0.224	2.00	0.95	1.90	0.43
17	0.164	0.164					
			0.164	2.00	0.90	1.80	0.30
18	0.164	0.164					
			0.197	2.00	0.85	1.70	0.34
19	0.230	0.230					
			0.250	2.00	0.70	1.40	0.35
20	0.270	0.270					
			0.270	3.00	0.50	1.50	0.41
21	0.270	0.270					
			0.197	3.00	0.33	0.98	0.19
22	0.125	0.125					
			0.062	4.00	0.13	0.50	0.03
23	0.000	0.000					
				54.00		60.43	20.86
						M.V. =	0.35

FLOW MEASUREMENT TABLE
Date: 04-11-92
Station: Charan Hat SG-7

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	12.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	17.00	0.40		0.6	22	100	0.22	0.151
2	18.00	0.50		0.6	28	"	0.28	0.191
3	19.00	0.70		0.6	34	"	0.34	0.230
4	20.00	1.20		0.6	40	"	0.40	0.270
5	21.00	1.40		0.6	44	"	0.44	0.296
6	22.00	1.40		0.6	46	"	0.46	0.310
7	23.00	1.40		0.6	48	"	0.48	0.323
8	24.00	1.40		0.6	50	"	0.50	0.336
9	25.00	1.30		0.6	44	"	0.44	0.296
10	26.00	1.20		0.6	38	"	0.38	0.257
11	27.00	1.10		0.6	34	"	0.34	0.230
12	28.00	1.10		0.6	32	"	0.32	0.217
13	29.00	1.00		0.6	28	"	0.28	0.191
14	31.00	0.90		0.6	28	"	0.28	0.191
15	33.00	0.90		0.6	28	"	0.28	0.191
16	35.00	0.70		0.6	26	"	0.26	0.178
17	37.00	0.50		0.6	26	"	0.26	0.178
18	39.00	0.40		0.6	24	"	0.24	0.164
19	41.00	0.30		SUR	22	"	0.22	0.151
20	43.00	0.20		SUR	22	"	0.22	0.151
21	45.50	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 04-11-92
Station: Charan Hat SG-7

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.076	5.00	0.20	1.00	0.08
1	0.151	0.151					
			0.171	1.00	0.45	0.45	0.08
2	0.191	0.191					
			0.211	1.00	0.60	0.60	0.13
3	0.230	0.230					
			0.250	1.00	0.95	0.95	0.24
4	0.270	0.270					
			0.283	1.00	1.30	1.30	0.37
5	0.296	0.296					
			0.303	1.00	1.40	1.40	0.42
6	0.310	0.310					
			0.316	1.00	1.40	1.40	0.44
7	0.323	0.323					
			0.329	1.00	1.40	1.40	0.46
8	0.336	0.336					
			0.316	1.00	1.35	1.35	0.43
9	0.296	0.296					
			0.277	1.00	1.25	1.25	0.35
10	0.257	0.257					
			0.244	1.00	1.15	1.15	0.28
11	0.230	0.230					
			0.224	1.00	1.10	1.10	0.25
12	0.217	0.217					
			0.204	1.00	1.05	1.05	0.21
13	0.191	0.191					
			0.191	2.00	0.95	1.90	0.36
14	0.191	0.191					
			0.191	2.00	0.90	1.80	0.34
15	0.191	0.191					
			0.184	2.00	0.80	1.60	0.29
16	0.178	0.178					
			0.178	2.00	0.60	1.20	0.21
17	0.178	0.178					
			0.171	2.00	0.45	0.90	0.15
18	0.164	0.164					
			0.147	2.00	0.35	0.70	0.10
19	0.130	0.130					
			0.130	2.00	0.25	0.50	0.07
20	0.130	0.130					
			0.065	2.50	0.10	0.25	0.02
21	0.000	0.000					
				33.50		23.25	5.28
						M.V. =	0.23

FLOW MEASUREMENT TABLE
Date: 17-07-92
Station: Shurus SG-8

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	7.30	0.00	(R.E.W.)	-	-	-	-	0.000
1	13.30	0.50		0.6	34	100	0.34	0.229
2	19.30	1.00		0.6	71	"	0.71	0.472
						"	0.00	0.005
3	25.30	1.50		0.6	94	"	0.94	0.624
						"	0.00	0.005
4	31.30	1.50		0.6	114	"	1.14	0.756
						"	0.00	0.005
5	34.30	1.75		0.8	115	"	1.15	0.762
				0.2	120	"	1.20	0.795
6	37.30	2.00		0.8	128	"	1.28	0.848
				0.2	138	"	1.38	0.914
7	40.30	2.25		0.8	129	"	1.29	0.855
				0.2	150	"	1.50	0.993
8	43.30	2.50		0.8	128	"	1.28	0.848
				0.2	152	"	1.52	1.006
9	46.30	2.50		0.8	125	"	1.25	0.828
				0.2	140	"	1.40	0.927
10	49.30	2.50		0.8	120	"	1.20	0.795
				0.2	100	"	1.00	0.664
11	52.30	2.60		0.8	121	"	1.21	0.802
				0.2	152	"	1.52	1.006
12	55.30	2.80		0.8	120	"	1.20	0.795
				0.2	156	"	1.56	1.033
13	58.30	3.00		0.8	121	"	1.21	0.802
				0.2	158	"	1.58	1.046
14	61.30	3.00		0.8	122	"	1.22	0.808
				0.2	160	"	1.60	1.059
15	64.30	2.75		0.8	130	"	1.30	0.861
				0.2	150	"	1.50	0.993
16	67.30	2.50		0.8	126	"	1.26	0.835
				0.2	130	"	1.30	0.861
17	70.30	2.40		0.8	127	"	1.27	0.841
				0.2	130	"	1.30	0.861
18	73.30	2.25		0.8	114	"	1.14	0.756
				0.2	128	"	1.28	0.848
19	79.30	2.25		0.8	116	"	1.16	0.769
				0.2	120	"	1.20	0.795
20	85.30	2.00		0.8	102	"	1.02	0.677
				0.2	120	"	1.20	0.795
21	91.30	1.50		0.6	98	"	0.98	0.650
22	97.30	1.50		0.6	72	"	0.72	0.479
23	103.3	0.50		0.6	65	"	0.65	0.433
24	109.30	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW MEASUREMENT TABLE
Date: 31-07-92
Station: Shurus SG-8

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	7.00	0.00	(L.E.W.)	-	-	-	-	0.000
1	13.00	0.25			42	100	0.42	0.281
2	19.00	1.00		0.6	86	"	0.86	0.571
3	23.00	1.25		0.6	96	"	0.96	0.637
4	27.00	1.60		0.8	94	"	0.94	0.624
				0.2	116	"	1.16	0.769
5	31.00	1.90		0.8	98	"	0.98	0.650
				0.2	110	"	1.10	0.729
6	35.00	2.00		0.8	108	"	1.08	0.716
				0.2	130	"	1.30	0.861
7	39.00	2.00		0.8	112	"	1.12	0.743
				0.2	136	"	1.36	0.901
8	43.00	2.25		0.8	124	"	1.24	0.822
				0.2	136	"	1.36	0.901
9	47.00	2.25		0.8	134	"	1.34	0.888
				0.2	140	"	1.40	0.927
10	51.00	2.50		0.8	132	"	1.32	0.874
				0.2	152	"	1.52	1.006
11	55.00	2.50		0.8	140	"	1.40	0.927
				0.2	158	"	1.58	1.046
12	59.00	2.25		0.8	134	"	1.34	0.888
				0.2	152	"	1.52	1.006
13	63.00	2.25		0.8	120	"	1.20	0.795
				0.2	132	"	1.32	0.874
14	67.00	2.25		0.8	114	"	1.14	0.756
				0.2	120	"	1.20	0.795
15	71.00	2.10		0.8	115	"	1.15	0.762
				0.2	126	"	1.26	0.835
16	75.00	2.10		0.8	116	"	1.16	0.769
				0.2	126	"	1.26	0.835
17	79.00	2.00		0.8	104	"	1.04	0.690
				0.2	110	"	1.10	0.729
18	83.00	1.60		0.8	108	"	1.08	0.716
				0.2	112	"	1.12	0.743
19	87.00	1.50		0.6	96	"	0.96	0.637
20	91.00	1.25		0.6	92	"	0.92	0.611
21	95.00	1.10		0.6	76	"	0.76	0.505
22	99.00	0.90		0.6	54	"	0.54	0.360

FLOW COMPUTATION TABLE
Date: 17-07-92
Station: Shurus SG-8

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.121	6.00	0.13	0.75	0.09
1	0.242	0.242					
			0.407	6.00	0.63	3.75	1.52
2	0.571	0.571					
			0.604	4.00	1.13	4.50	2.72
3	0.637	0.637					
			0.667	4.00	1.43	5.70	3.80
4	0.624	0.697					
	0.769		0.693	4.00	1.75	7.00	4.85
5	0.650	0.690					
	0.729		0.739	4.00	1.95	7.80	5.77
6	0.716	0.789					
	0.861		0.805	4.00	2.00	8.00	6.44
7	0.743	0.822					
	0.901		0.841	4.00	2.13	8.50	7.15
8	0.822	0.861					
	0.901		0.884	4.00	2.25	9.00	7.96
9	0.888	0.907					
	0.927		0.924	4.00	2.38	9.50	8.78
10	0.874	0.940					
	1.006		0.963	4.00	2.50	10.00	9.63
11	0.927	0.986					
	1.046		0.967	4.00	2.38	9.50	9.18
12	0.888	0.947					
	1.006		0.891	4.00	2.25	9.00	8.02
13	0.795	0.835					
	0.874		0.805	4.00	2.25	9.00	7.25
14	0.756	0.776					
	0.795		0.787	4.00	2.18	8.70	6.85
15	0.762	0.799					
	0.835		0.800	4.00	2.10	8.40	6.72
16	0.769	0.802					
	0.835		0.756	4.00	2.05	8.20	6.20
17	0.690	0.710					
	0.729		0.720	4.00	1.80	7.20	5.18
18	0.716	0.729					
	0.743		0.683	4.00	1.55	6.20	4.24
19	0.637	0.637					
			0.624	4.00	1.38	5.50	3.43
20	0.611	0.611					
			0.558	4.00	1.18	4.70	2.62
21	0.505	0.505					
			0.433	4.00	1.00	4.00	1.73
22	0.360	0.360					
			0.180	6.50	0.45	2.93	0.53
23	0.000	0.000					
				98.50		157.83	120.66
						M.V.=	0.76

FLOW MEASUREMENT TABLE
Date: 14-08-92
Station: Shurus SG-8

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	10.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	14.00	0.20			22	100	0.22	0.149
2	18.00	0.60		0.6	48	"	0.48	0.321
						"	0.00	0.005
3	22.00	0.90		0.6	58	"	0.58	0.387
						"	0.00	0.005
4	26.00	1.00		0.6	68	"	0.68	0.453
						"	0.00	0.005
5	30.00	1.30		0.6	76	"	0.76	0.505
						"	0.00	0.005
6	34.00	1.50		0.6	84	"	0.84	0.558
						"	0.00	0.005
7	38.00	1.90		0.8	104	"	1.04	0.690
				0.2	80	"	0.80	0.532
8	42.00	2.00		0.8	92	"	0.92	0.611
				0.2	96	"	0.96	0.637
9	46.00	2.00		0.8	102	"	1.02	0.677
				0.2	106	"	1.06	0.703
10	50.00	2.50		0.8	103	"	1.03	0.683
				0.2	110	"	1.10	0.729
11	54.00	2.20		0.8	0	"	0.00	0.005
				0.2	120	"	1.20	0.795
12	58.00	2.30		0.8	0	"	0.00	0.005
				0.2	104	"	1.04	0.690
13	62.00	2.30		0.8	0	"	0.00	0.005
				0.2	124	"	1.24	0.822
14	66.00	2.10		0.8	0	"	0.00	0.005
				0.2	120	"	1.20	0.795
15	70.00	2.30		0.8	110	"	1.10	0.729
				0.2	130	"	1.30	0.861
16	74.00	2.20		0.8	112	"	1.12	0.743
				0.2	134	"	1.34	0.888
17	78.00	2.10		0.8	130	"	1.30	0.861
				0.2	140	"	1.40	0.927
18	82.00	2.00		0.8	130	"	1.30	0.861
				0.2	144	"	1.44	0.953
19	86.00	1.80		0.8	110	"	1.10	0.729
				0.2	112	"	1.12	0.743
20	90.00	1.40		0.6	110	"	1.10	0.729
21	96.00	1.00		0.6	108	"	1.08	0.716
22	102.00	0.5		0.6	0	"	0.00	0.000
23	103.50	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 14-08-92
Station: Shurus SG-8

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.064	4.00	0.10	0.40	0.03
1	0.128	0.128					
			0.225	4.00	0.40	1.60	0.36
2	0.321	0.321					
			0.354	4.00	0.75	3.00	1.06
3	0.387	0.387					
			0.420	4.00	0.95	3.80	1.60
4	0.453	0.453					
			0.479	4.00	1.15	4.60	2.20
5	0.505	0.505					
			0.532	4.00	1.40	5.60	2.98
6	0.558	0.558					
			0.584	4.00	1.70	6.80	3.97
7	0.690	0.611					
	0.532		0.617	4.00	1.95	7.80	4.82
8	0.611	0.624					
	0.637		0.657	4.00	2.00	8.00	5.26
9	0.677	0.690					
	0.703		0.698	4.00	2.25	9.00	6.28
10	0.683	0.706					
	0.729		0.553	4.00	2.35	9.40	5.20
11	0.005	0.400					
	0.795		0.374	4.00	2.25	9.00	3.36
12	0.005	0.347					
	0.690		0.380	4.00	2.30	9.20	3.50
13	0.005	0.413					
	0.822		0.406	4.00	2.20	8.80	3.58
14	0.005	0.400					
	0.795		0.598	4.00	2.20	8.80	5.26
15	0.729	0.795					
	0.861		0.805	4.00	2.25	9.00	7.25
16	0.743	0.815					
	0.888		0.855	4.00	2.15	8.60	7.35
17	0.861	0.894					
	0.927		0.901	4.00	2.05	8.20	7.39
18	0.861	0.907					
	0.953		0.822	4.00	1.90	7.60	6.24
19	0.729	0.736					
	0.743		0.733	4.00	1.60	6.40	4.69
20	0.729	0.729					
			0.723	6.00	1.20	7.20	5.20
21	0.716	0.716					
			0.358	6.00	0.75	4.50	1.61
22	0.000	0.000					
			0.000	1.50	0.25	0.38	0.00
23	0.000	0.000					
				93.50		147.68	89.18
						M.V.=	0.60

FLOW MEASUREMENT TABLE
Date: 28-08-92
Station: Shurus SG-8

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	8.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	14.00	0.60		0.6	40	100	0.40	0.270
2	20.00	0.80		0.6	72	"	0.72	0.481
3	26.00	0.90		0.6	96	"	0.96	0.640
4	32.00	1.20		0.6	94	"	0.94	0.627
5	36.00	1.90		0.8	96	"	0.96	0.640
				0.2	136	"	1.36	0.904
6	40.00	2.00		0.8	102	"	1.02	0.680
				0.2	136	"	1.36	0.904
7	44.00	2.10		0.8	126	"	1.26	0.838
				0.2	140	"	1.40	0.930
8	48.00	2.25		0.8	150	"	1.50	0.997
				0.2	162	"	1.62	1.076
9	52.00	2.50		0.8	110	"	1.10	0.732
				0.2	144	"	1.44	0.957
10	56.00	2.10		0.8	132	"	1.32	0.878
				0.2	154	"	1.54	1.023
11	60.00	2.10		0.8	140	"	1.40	0.930
				0.2	162	"	1.62	1.076
12	64.00	2.40		0.8	140	"	1.40	0.930
				0.2	156	"	1.56	1.036
13	68.00	2.40		0.8	142	"	1.42	0.944
				0.2	178	"	1.78	1.181
14	72.00	2.40		0.8	130	"	1.30	0.864
				0.2	154	"	1.54	1.023
15	76.00	2.40		0.8	120	"	1.20	0.798
				0.2	160	"	1.60	1.063
16	80.00	2.10		0.8	110	"	1.10	0.732
				0.2	144	"	1.44	0.957
17	84.00	2.40		0.8	100	"	1.00	0.666
				0.2	140	"	1.40	0.930
18	88.00	2.00		0.8	90	"	0.90	0.600
				0.2	116	"	1.16	0.772
19	92.00	1.90		0.8	94	"	0.94	0.627
				0.2	118	"	1.18	0.785
20	96.00	1.60		0.8	84	"	0.84	0.561
				0.2	122	"	1.22	0.812
21	100.00	1.40		0.6	88	"	0.88	0.587
22	104.00	0.90		0.6	66	"	0.66	0.442
23	108.00	0.30			26	"	0.26	0.178
24	112.00	0.00	(R.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 28-08-92
Station: Shurus SG-8

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.135	6.00	0.30	1.80	0.24
1	0.270	0.270					
			0.376	6.00	0.70	4.20	1.58
2	0.481	0.481					
			0.561	6.00	0.85	5.10	2.86
3	0.640	0.640					
			0.633	6.00	1.05	6.30	3.99
4	0.627	0.627					
			0.699	4.00	1.55	6.20	4.34
5	0.640	0.772					
	0.904		0.782	4.00	1.95	7.80	6.10
6	0.680	0.792					
	0.904		0.838	4.00	2.05	8.20	6.87
7	0.838	0.884					
	0.930		0.960	4.00	2.18	8.70	8.35
8	0.997	1.036					
	1.076		0.940	4.00	2.38	9.50	8.93
9	0.732	0.845					
	0.957		0.897	4.00	2.30	9.20	8.26
10	0.878	0.950					
	1.023		0.977	4.00	2.10	8.40	8.20
11	0.930	1.003					
	1.076		0.993	4.00	2.25	9.00	8.94
12	0.930	0.983					
	1.036		1.023	4.00	2.40	9.60	9.82
13	0.944	1.063					
	1.181		1.003	4.00	2.40	9.60	9.63
14	0.864	0.944					
	1.023		0.937	4.00	2.40	9.60	9.00
15	0.798	0.931					
	1.063		0.888	4.00	2.25	9.00	7.99
16	0.732	0.845					
	0.957		0.822	4.00	2.25	9.00	7.39
17	0.666	0.798					
	0.930		0.742	4.00	2.20	8.80	6.53
18	0.600	0.686					
	0.772		0.696	4.00	1.95	7.80	5.43
19	0.627	0.706					
	0.785		0.696	4.00	1.75	7.00	4.87
20	0.561	0.686					
	0.812		0.637	4.00	1.50	6.00	3.82
21	0.587	0.587					
			0.514	4.00	1.15	4.60	2.37
22	0.442	0.442					
			0.198	4.00	0.60	2.40	0.48
23	0.153	0.153					
			0.077	4.00	0.15	0.60	0.05
24	0.000	0.000					
				104.00		168.40	136.03
						M.V.=	0.81

FLOW MEASUREMENT TABLE
Date: 11-09-92
Station: Shurus SG-8

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	15.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	20.00	0.70		0.6	54	100	0.54	0.362
2	24.00	0.90		0.6	72	"	0.72	0.481
3	28.00	1.20		0.6	80	"	0.80	0.534
4	32.00	1.40		0.6	86	"	0.86	0.574
5	36.00	1.60		0.8	92	"	0.92	0.613
				0.2	98	"	0.98	0.653
6	40.00	1.80		0.8	104	"	1.04	0.693
				0.2	110	"	1.10	0.732
7	44.00	1.90		0.8	102	"	1.02	0.680
				0.2	112	"	1.12	0.746
8	48.00	1.90		0.8	110	"	1.10	0.732
				0.2	120	"	1.20	0.798
9	52.00	2.00		0.8	108	"	1.08	0.719
				0.2	120	"	1.20	0.798
10	56.00	2.10		0.8	120	"	1.20	0.798
				0.2	146	"	1.46	0.970
11	60.00	2.20		0.8	122	"	1.22	0.812
				0.2	134	"	1.34	0.891
12	64.00	2.10		0.8	134	"	1.34	0.891
				0.2	144	"	1.44	0.957
13	68.00	2.10		0.8	130	"	1.30	0.864
				0.2	140	"	1.40	0.930
14	72.00	2.10		0.8	116	"	1.16	0.772
				0.2	130	"	1.30	0.864
15	76.00	2.00		0.8	128	"	1.28	0.851
				0.2	120	"	1.20	0.798
16	80.00	1.90		0.8	104	"	1.04	0.693
				0.2	116	"	1.16	0.772
17	84.00	1.70		0.8	92	"	0.92	0.613
				0.2	102	"	1.02	0.680
18	88.00	1.50		0.8	94	"	0.94	0.627
				0.2	114	"	1.14	0.759
19	92.00	1.30		0.6	98	"	0.98	0.653
20	96.00	1.10		0.6	84	"	0.84	0.561
21	100.00	0.80		0.6	60	"	0.60	0.402
22	107.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 11-09-92
Station: Shurus SG-8

No of Vert. 1	Corrected Vel 2	M.Velocity in Vert. 3	M.Velocity in Pocket 4	Pocket Width 5	M.Depth in Pocket 6	Pocket Area A 7 (m2)	Pocket Discharge Q 8 (m3)
V-O	0.000	0.000					
			0.181	5.00	0.35	1.75	0.32
1	0.362	0.362					
			0.422	4.00	0.80	3.20	1.35
2	0.481	0.481					
			0.508	4.00	1.05	4.20	2.13
3	0.534	0.534					
			0.554	4.00	1.30	5.20	2.88
4	0.574	0.574					
			0.604	4.00	1.50	6.00	3.62
5	0.613	0.633					
	0.653		0.673	4.00	1.70	6.80	4.58
6	0.693	0.713					
	0.732		0.713	4.00	1.85	7.40	5.27
7	0.680	0.713					
	0.746		0.739	4.00	1.90	7.60	5.62
8	0.732	0.765					
	0.798		0.762	4.00	1.95	7.80	5.94
9	0.719	0.759					
	0.798		0.822	4.00	2.05	8.20	6.74
10	0.798	0.884					
	0.970		0.868	4.00	2.15	8.60	7.46
11	0.812	0.851					
	0.891		0.888	4.00	2.15	8.60	7.63
12	0.891	0.924					
	0.957		0.911	4.00	2.10	8.40	7.65
13	0.864	0.897					
	0.930		0.858	4.00	2.10	8.40	7.21
14	0.772	0.818					
	0.864		0.822	4.00	2.05	8.20	6.74
15	0.851	0.825					
	0.798		0.779	4.00	1.95	7.80	6.07
16	0.693	0.732					
	0.772		0.689	4.00	1.80	7.20	4.96
17	0.613	0.646					
	0.680		0.670	4.00	1.60	6.40	4.29
18	0.627	0.693					
	0.759		0.673	4.00	1.40	5.60	3.77
19	0.653	0.653					
			0.607	4.00	1.20	4.80	2.91
20	0.561	0.561					
			0.481	4.00	0.95	3.80	1.83
21	0.402	0.402					
			0.201	7.00	0.40	2.80	0.56
22	0.000	0.000					
				92.00		138.75	99.53
						M.V.=	0.72

FLOW MEASUREMENT TABLE
Date: 25-09-92
Station: Shurus SG-8

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	9.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	15.00	0.20			30	100	0.30	0.202
2	19.00	0.70		0.6	62	"	0.62	0.413
3	23.00	1.20		0.6	80	"	0.80	0.532
4	27.00	1.50		0.6	57	"	0.57	0.380
5	31.00	1.70		0.8	90	"	0.90	0.598
				0.2	94	"	0.94	0.624
6	35.00	1.90		0.8	86	"	0.86	0.571
				0.2	112	"	1.12	0.743
7	39.00	2.00		0.8	88	"	0.88	0.584
				0.2	116	"	1.16	0.769
8	43.00	2.20		0.8	100	"	1.00	0.664
				0.2	106	"	1.06	0.703
9	47.00	2.20		0.8	78	"	0.78	0.519
				0.2	104	"	1.04	0.690
10	51.00	2.30		0.8	60	"	0.60	0.400
				0.2	104	"	1.04	0.690
11	55.00	2.30		0.8	84	"	0.84	0.558
				0.2	120	"	1.20	0.795
12	59.00	1.90		0.8	104	"	1.04	0.690
				0.2	138	"	1.38	0.914
13	63.00	2.00		0.8	118	"	1.18	0.782
				0.2	140	"	1.40	0.927
14	67.00	2.00		0.8	110	"	1.10	0.729
				0.2	132	"	1.32	0.874
15	71.00	2.20		0.8	104	"	1.04	0.690
				0.2	116	"	1.16	0.769
16	75.00	1.90		0.8	110	"	1.10	0.729
				0.2	116	"	1.16	0.769
17	79.00	2.00		0.8	102	"	1.02	0.677
				0.2	126	"	1.26	0.835
18	83.00	2.00		0.8	102	"	1.02	0.677
				0.2	120	"	1.20	0.795
19	87.00	1.90		0.8	102	"	1.02	0.677
				0.2	112	"	1.12	0.743
20	91.00	1.70		0.8	84	"	0.84	0.558
				0.2	110	"	1.10	0.729
21	95.00	1.40		0.6	94	"	0.94	0.624
22	99.00	0.80		0.6	66.0	"	0.66	0.439
22	105.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 25-09-92
Station: Shurus SG-8

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.101	6.00	0.10	0.60	0.06
1	0.202	0.202					
			0.308	4.00	0.45	1.80	0.55
2	0.413	0.413					
			0.472	4.00	0.95	3.80	1.80
3	0.532	0.532					
			0.456	4.00	1.35	5.40	2.46
4	0.380	0.380					
			0.495	4.00	1.60	6.40	3.17
5	0.598	0.611					
	0.624		0.634	4.00	1.80	7.20	4.56
6	0.571	0.657					
	0.743		0.667	4.00	1.95	7.80	5.20
7	0.584	0.677					
	0.769		0.680	4.00	2.10	8.40	5.71
8	0.664	0.683					
	0.703		0.644	4.00	2.20	8.80	5.66
9	0.519	0.604					
	0.690		0.575	4.00	2.25	9.00	5.17
10	0.400	0.545					
	0.690		0.611	4.00	2.30	9.20	5.62
11	0.558	0.677					
	0.795		0.739	4.00	2.10	8.40	6.21
12	0.690	0.802					
	0.914		0.828	4.00	1.95	7.80	6.46
13	0.782	0.855					
	0.927		0.828	4.00	2.00	8.00	6.63
14	0.729	0.802					
	0.874		0.766	4.00	2.10	8.40	6.43
15	0.690	0.729					
	0.769		0.739	4.00	2.05	8.20	6.06
16	0.729	0.749					
	0.769		0.752	4.00	1.95	7.80	5.87
17	0.677	0.756					
	0.835		0.746	4.00	2.00	8.00	5.97
18	0.677	0.736					
	0.795		0.723	4.00	1.95	7.80	5.64
19	0.677	0.710					
	0.743		0.677	4.00	1.80	7.20	4.87
20	0.558	0.644					
	0.729		0.634	4.00	1.55	6.20	3.93
21	0.624	0.624					
			0.532	4.00	1.10	4.40	2.34
22	0.439	0.439					
			0.220	6.00	0.40	2.40	0.53
23	0.000	0.000					
				96.00		153.00	100.91
						M.V.=	0.66

FLOW MEASUREMENT TABLE
Date: 09-10-92
Station: Shuroj SG-8

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No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	18.00	0.00	(R.E.W.)	-	-	-	-	0.000
1	24.00	0.70		0.6	50	100	0.50	0.336
2	30.00	1.00		0.6	68	"	0.68	0.455
3	36.00	1.10		0.6	70	"	0.70	0.468
4	42.00	1.10		0.6	70	"	0.70	0.468
5	48.00	1.50		0.6	76	"	0.76	0.508
6	52.00	1.50		0.6	78	"	0.78	0.521
7	56.00	1.50		0.6	78	"	0.78	0.521
8	60.00	1.60		0.8	74	"	0.74	0.495
				0.2	84	"	0.84	0.561
9	64.00	1.60		0.8	88	"	0.88	0.587
				0.2	90	"	0.90	0.600
10	68.00	1.70		0.8	86	"	0.86	0.574
				0.2	100	"	1.00	0.666
11	72.00	1.70		0.8	82	"	0.82	0.547
				0.2	92	"	0.92	0.613
12	76.00	1.80		0.8	88	"	0.88	0.587
				0.2	94	"	0.94	0.627
13	80.00	1.40		0.6	80	"	0.80	0.534
14	84.00	1.40		0.6	76	"	0.76	0.508
15	88.00	1.35		0.6	70	"	0.70	0.468
16	92.00	1.30		0.6	68	"	0.68	0.455
17	96.00	1.00		0.6	68	"	0.68	0.455
18	100.00	0.70		0.6	58	"	0.58	0.389
19	104.00	0.50		0.6	42	"	0.42	0.283
20	108.00	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 09-10-92
Station: Shuroj SG-8

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.168	6.00	0.35	2.10	0.35
1	0.336	0.336					
			0.395	6.00	0.85	5.10	2.02
2	0.455	0.455					
			0.462	6.00	1.05	6.30	2.91
3	0.468	0.468					
			0.468	6.00	1.10	6.60	3.09
4	0.468	0.468					
			0.488	6.00	1.30	7.80	3.81
5	0.508	0.508					
			0.514	4.00	1.50	6.00	3.09
6	0.521	0.521					
			0.521	4.00	1.50	6.00	3.13
7	0.521	0.521					
			0.524	4.00	1.55	6.20	3.25
8	0.495	0.528					
	0.561		0.561	4.00	1.60	6.40	3.59
9	0.587	0.594					
	0.600		0.607	4.00	1.65	6.60	4.01
10	0.574	0.620					
	0.666		0.600	4.00	1.70	6.80	4.08
11	0.547	0.580					
	0.613		0.594	4.00	1.75	7.00	4.16
12	0.587	0.607					
	0.627		0.571	4.00	1.60	6.40	3.65
13	0.534	0.534					
			0.521	4.00	1.40	5.60	2.92
14	0.508	0.508					
			0.488	4.00	1.38	5.50	2.68
15	0.468	0.468					
			0.462	4.00	1.33	5.30	2.45
16	0.455	0.455					
			0.455	4.00	1.15	4.60	2.09
17	0.455	0.455					
			0.422	4.00	0.85	3.40	1.43
18	0.389	0.389					
			0.336	4.00	0.60	2.40	0.81
19	0.283	0.283					
			0.142	4.00	0.25	1.00	0.14
20	0.000	0.000					
				90.00		107.10	53.64
						M.V. =	0.50

FLOW MEASUREMENT TABLE
Date: 23-10-92
Station: Shuroj SG-8

No of Vert.	Dist. from Initial Pt	Depth	Corrected Depth	Point of Obs.	Number of Rev.	Times of Rev.	Rate of Rev.	Velocity M/Sec.
1	2	3	4	5	6	7	8	9
V-O	19.10	0.00	(R.E.W.)	-	-	-	-	0.000
1	25.10	0.50		0.6	18	100	0.18	0.125
2	29.10	0.60		0.6	52	"	0.52	0.349
3	33.10	0.85		0.6	58	"	0.58	0.389
4	37.10	1.00		0.6	60	"	0.60	0.402
5	41.10	1.00		0.6	64	"	0.64	0.429
6	45.10	1.10		0.6	62	"	0.62	0.415
7	49.10	1.20		0.6	72	"	0.72	0.481
8	53.10	1.70		0.8	70	"	0.70	0.468
				0.2	78	"	0.78	0.521
9	57.10	1.70		0.8	78	"	0.78	0.521
				0.2	86	"	0.86	0.574
10	61.10	1.40		0.6	94	"	0.94	0.627
11	65.10	1.40		0.6	88	"	0.88	0.587
12	69.10	1.45		0.6	90	"	0.90	0.600
13	73.10	1.45		0.6	92	"	0.92	0.613
14	77.10	1.40		0.6	76	"	0.76	0.508
15	81.10	1.40		0.6	68	"	0.68	0.455
16	83.10	1.45		0.6	70	"	0.70	0.468
17	85.10	1.30		0.6	72	"	0.72	0.481
18	87.10	1.30		0.6	68	"	0.68	0.455
19	91.10	1.20		0.6	70	"	0.70	0.468
20	95.10	0.70		0.6	68	"	0.68	0.455
21	99.10	0.60		0.6	52	"	0.52	0.349
22	103.10	0.30		0.6	36	"	0.36	0.244
23	108.10	0.00	(L.E.W.)	-	-	-	-	0.000

FLOW COMPUTATION TABLE
Date: 23-10-92
Station: Shuroj SG-8

No of Vert.	Corrected Vel	M.Velocity in Vert.	M.Velocity in Pocket	Pocket Width	M.Depth in Pocket	Pocket Area A	Pocket Discharge Q
1	2	3	4	5	6	7 (m2)	8 (m3)
V-O	0.000	0.000					
			0.062	6.00	0.25	1.50	0.09
1	0.125	0.125					
			0.237	4.00	0.55	2.20	0.52
2	0.349	0.349					
			0.369	4.00	0.73	2.90	1.07
3	0.389	0.389					
			0.395	4.00	0.93	3.70	1.46
4	0.402	0.402					
			0.415	4.00	1.00	4.00	1.66
5	0.429	0.429					
			0.422	4.00	1.05	4.20	1.77
6	0.415	0.415					
			0.448	4.00	1.15	4.60	2.06
7	0.481	0.481					
			0.488	4.00	1.45	5.80	2.83
8	0.468	0.495					
	0.521		0.521	4.00	1.70	6.80	3.54
9	0.521	0.547					
	0.574		0.587	4.00	1.55	6.20	3.64
10	0.627	0.627					
			0.607	4.00	1.40	5.60	3.40
11	0.587	0.587					
			0.594	4.00	1.43	5.70	3.38
12	0.600	0.600					
			0.607	4.00	1.45	5.80	3.52
13	0.613	0.613					
			0.561	4.00	1.43	5.70	3.20
14	0.508	0.508					
			0.481	4.00	1.40	5.60	2.70
15	0.455	0.455					
			0.462	2.00	1.43	2.85	1.32
16	0.468	0.468					
			0.475	2.00	1.38	2.75	1.31
17	0.481	0.481					
			0.468	2.00	1.30	2.60	1.22
18	0.455	0.455					
			0.462	4.00	1.25	5.00	2.31
19	0.468	0.468					
			0.462	4.00	0.56	2.24	1.03
20	0.455	0.455					
			0.402	4.00	0.65	2.60	1.05
21	0.349	0.349					
			0.280	4.00	0.45	1.80	0.50
22	0.210	0.210					
			0.105	5.00	0.15	0.75	0.08
23	0.000	0.000					
				89.00		90.89	43.66
							0.48