

II.2 STATION DESCRIPTION OF MODEL SYSTEM

LIST OF STATION

(1) Precipitation Station

0623	Yaragau
0624	Samargau
0625	Dhakarjung
0626	Bega
0627	Kuhun
0628	Muna
0629	Beghara
0630	Sirkong
0828	Kuldi Dovan
0829	Sallyan
0830	Pamdur
0831	Tisedi
0923	Kolbhi
0924	Chyuntaha

(2) Hydrological Station

403.5	Tatopani / Kali Gandaki
406	Kalleri / Kali Gandaki
410	Setibeni / Kali Gandaki
595	Chyuntaha / Jamuni

(3) Inspection Record

0829	Sallyan
0830	Pamdur
403.5	Tatopani / Kali Gandaki
406	Kalleri / Kali Gandaki
410	Setibeni / Kali Gandaki
595	Chyuntaha / Jamuni

STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 623
1.2 Name of station Yaragau
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 3,620 m
2.3 Region Western
2.4 Zone Mustang
2.5 District
2.6 Name of village Yaragau
2.7 Name of nearest village Charang
2.8 Name of nearest town/bazar Jonson
2.9 Nearest Post office Surkang
Distance of Nearest Post office
2.10 Nearest Telephone office Beni
Distance of Nearest Telephone office

3 HISTORY

3.1 Date of establishment 06-Apr-52 Recorder : 23-Jun-52
3.2 Name of establishment party DMM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 8:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum daily Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Jonson
4.2 Nearest road-head/Airport Jonson
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Jonson -> Ghani -> Charang -> Surkang -> Yaragau
4 days Walking distance from Jonson

5 OBSERVER

5.1 Name Mrs. Krishna Kumari Gurung
5.2 Address Surkang V.D Ward NO.4 Yaragau
5.3 Date of employment
5.4 Qualification Read and Write
5.5 Main occupation Agriculture
5.6 Distance from the residence of observer to the station Inis walking distance
5.7 Name of alter. observer Mr. Chhiring Chatu Grung
Address of the observer
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gage
 - a) Manufacture Name Nepalese Factory
 - b) Type US Standard type (20cm dia.)
 - c) Height of Instrument 1.1 m
- 6.2 Recording rain gauge
 - a) Manufacture Name Belfort, USA
 - b) Type Weighing type (8inch dia.)
 - c) Model NO. 5-780 300mm Dual-traverse
 - d) Recorder Number NO.92926
 - Chart drive Number B27214
 - e) Recording Chart 300mmDual-traverse 192hrs/rev(5-4046-MH)
 - f) Height of Instrument 1.1 m
 - g) Manufacture date
 - h) Power source Spring
- 6.3 Available data
 - a) Ordinary From 06-Apr-92 to
 - b) Recorder From 17-Jun-92 to
 - c)..... From to
 - d)..... From to
 - e)..... From to
 - f)..... From to
 - g)..... From to
 - h)..... From to
 - i)..... From to

7 CONDITION OF STATION AT PRESENT

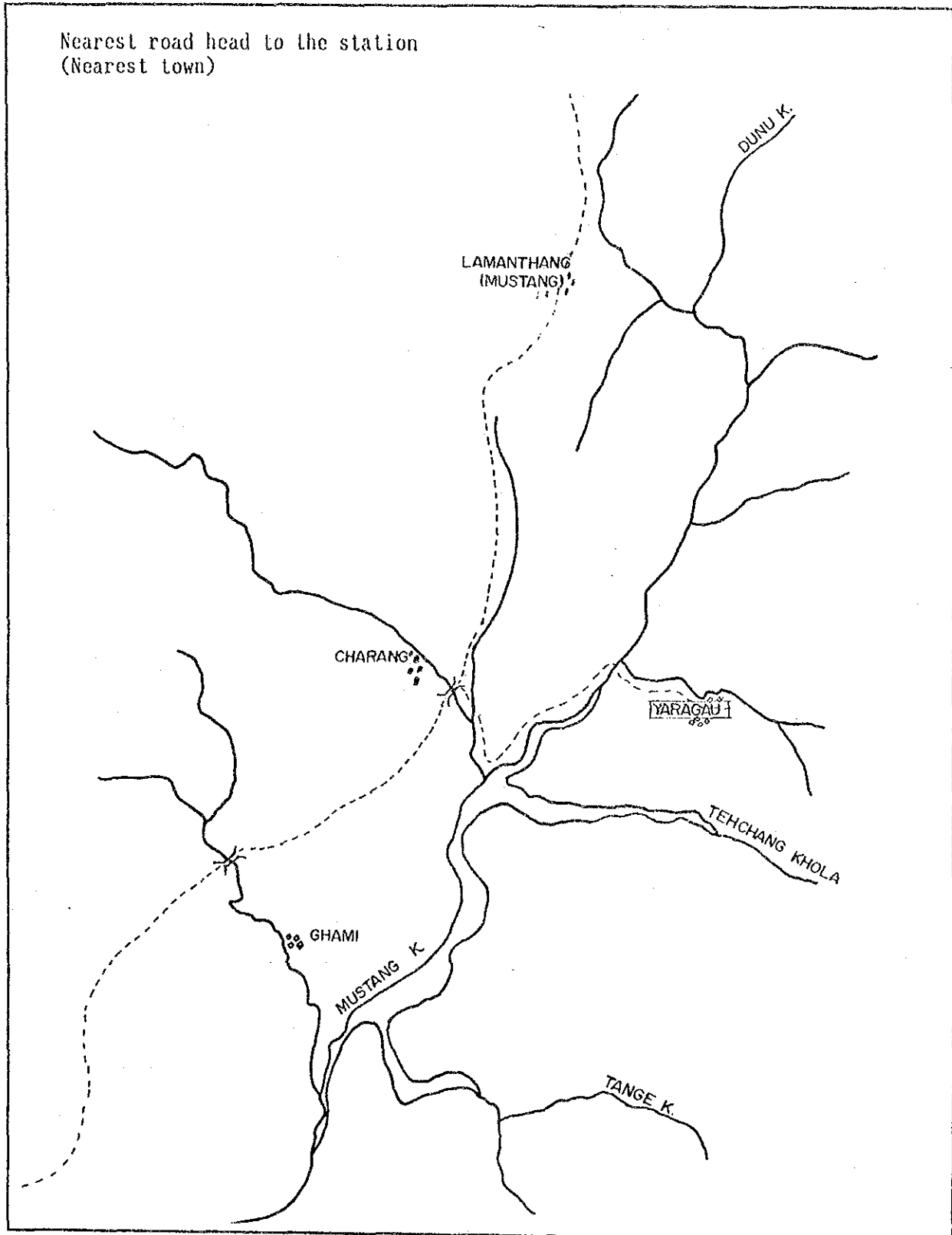
- 7.1 Date of latest inspection Nov. 1992
- 7.2 Site
 - 7.2.1 Location (X)O.K. ()need shifting
 - 7.2.2 Others
 - on the roof of observer's house
- 7.3 Condition of station
 - 7.3.1 Approach track (X)O.K. ()needs what
 - 7.3.2 Structure (X)O.K. ()needs what
 - (fence, foundation)
 - 7.3.3 Instrument (X)O.K. ()needs what
 - 7.3.4 Others
- 7.4 Others

8 ATTACHMENT

- 8.1 Location Map
- 8.2 Photograph

LOCATION MAP (1/2)

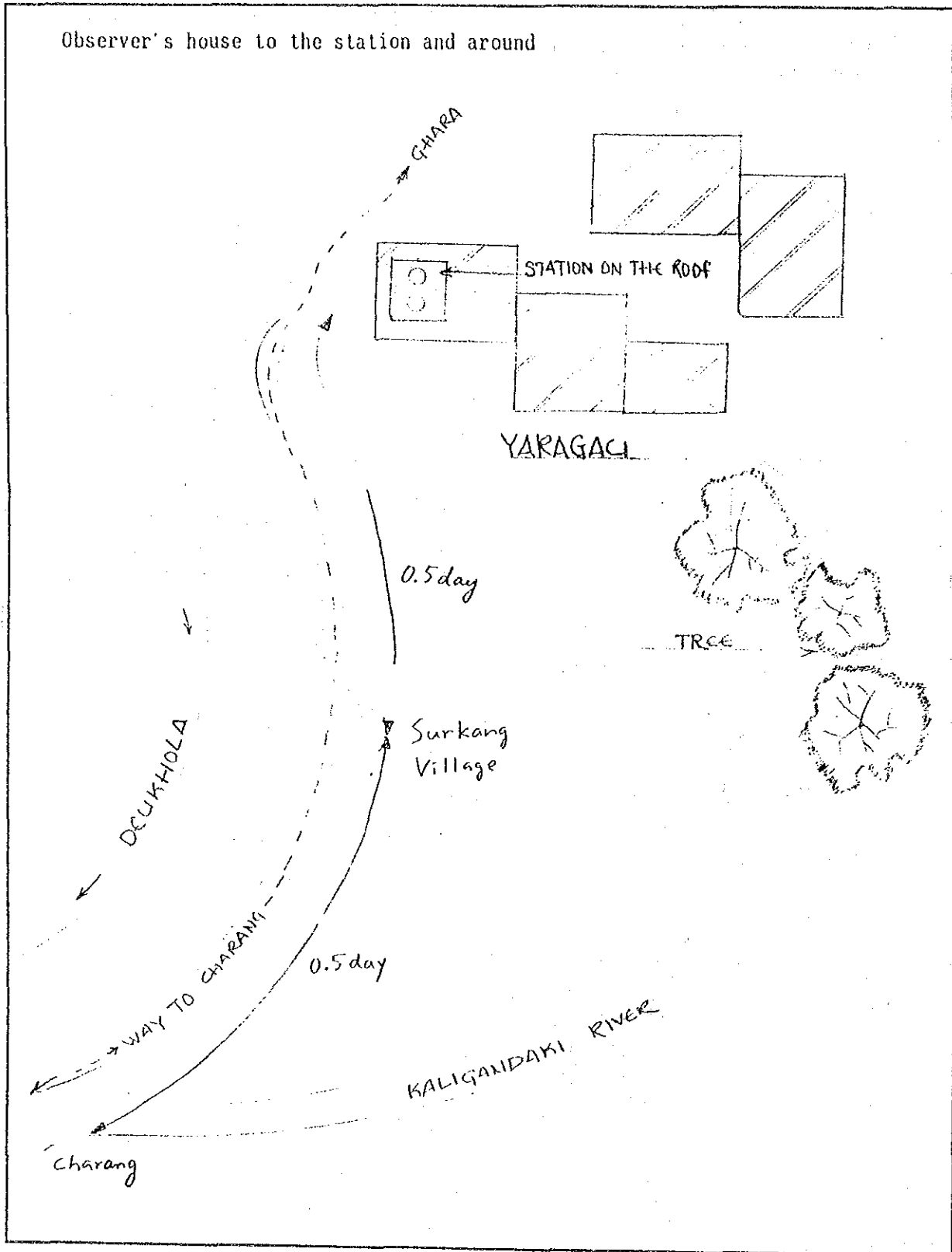
STATION NAME : 0623 Yaragau
DATE :
INSPECTOR : R.K.Adhikari



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

LOCATION MAP (2/2)

STATION NAME : 0623 Yaragau
DATE :
INSPECTOR : R.R. Adhikali



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 624
1.2 Name of station Samargau
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 3,570 m
2.3 Region Western
2.4 Zone Mustang
2.5 District
2.6 Name of village Samar
2.7 Name of nearest village Chaile
2.8 Name of nearest town/bazar Jonson
2.9 Nearest Post office Samar
Distance of Nearest Post office
2.10 Nearest Telephone office Beni
Distance of Nearest Telephone office

3 HISTORY

3.1 Date of establishment 05-Apr-92 Recorder : 15-Jun-92
3.2 Name of establishment party DDM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation : time/ 8:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum daily Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Jonson
4.2 Nearest road-head/Airport Jonson
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Jonson -> Kagbeni -> Chaile -> Samar
4 days walking distance from Jonson

5 OBSERVER

5.1 Name Mr. Sann Karna Gurung
5.2 Address Samar village, Ward NO.9 Samargau, Mustang
5.3 Date of employment
5.4 Qualification Read and Write
5.5 Main occupation Agriculture
5.6 Distance from the residence of observer to the station
1 day walking distance
5.7 Name of alter. observer Mr. Dhake Gurung
Address of the observer Samar village, Ward NO.9 Samargau, Mustang
5.8 Name of former observer
Address of the observer

5 INSTRUMENTS

- 6.1 Ordinary rain gage
 - a) Manufacture Name Nepalese Factory
 - b) Type US Standard type (20cm dia.)
 - c) Hight of Instrument 1.1 m
- 6.2 Recording rain gauge
 - a) Manufacture Name Belfort, USA
 - b) Type Weighing type (8inch dia.)
 - c) Model NO. 5-780 300mm Dual-traverse
 - d) Recorder Number NO.92924
 - Chart drive Number B27213
 - e) Recording Chart 300mmDual-traverse 192hrs/rev(5-4046-NH)
 - f) Height of Instrument 1.1 m
 - g) Manufacture date
 - h) Power source Spring
- 6.3 Avairable data
 - a) Ordinary From 05-Apr-92 to
 - b) Recorder From 15-Jun-92 to
 - c)..... From to
 - d)..... From to
 - e)..... From to
 - f)..... From to
 - g)..... From to
 - h)..... From to
 - i)..... From to

7 CONDITION OF STATION AT PRESENT

- 7.1 Date of latest Inspection Nov. ,1992
- 7.2 Site
 - 7.2.1 Location (X)O.K. ()need shifting
 - 7.2.2 Others
 - on the roof of observer's house
- 7.3 Condition of station
 - 7.3.1 Approach track (X)O.K. ()needs what
 - 7.3.2 Structure (X)O.K. ()needs what
 - (fence, foundation)
 - 7.3.3 Instrument (X)O.K. ()needs what
 - 7.3.4 Others
- 7.4 Others

8 ATTACHMENT

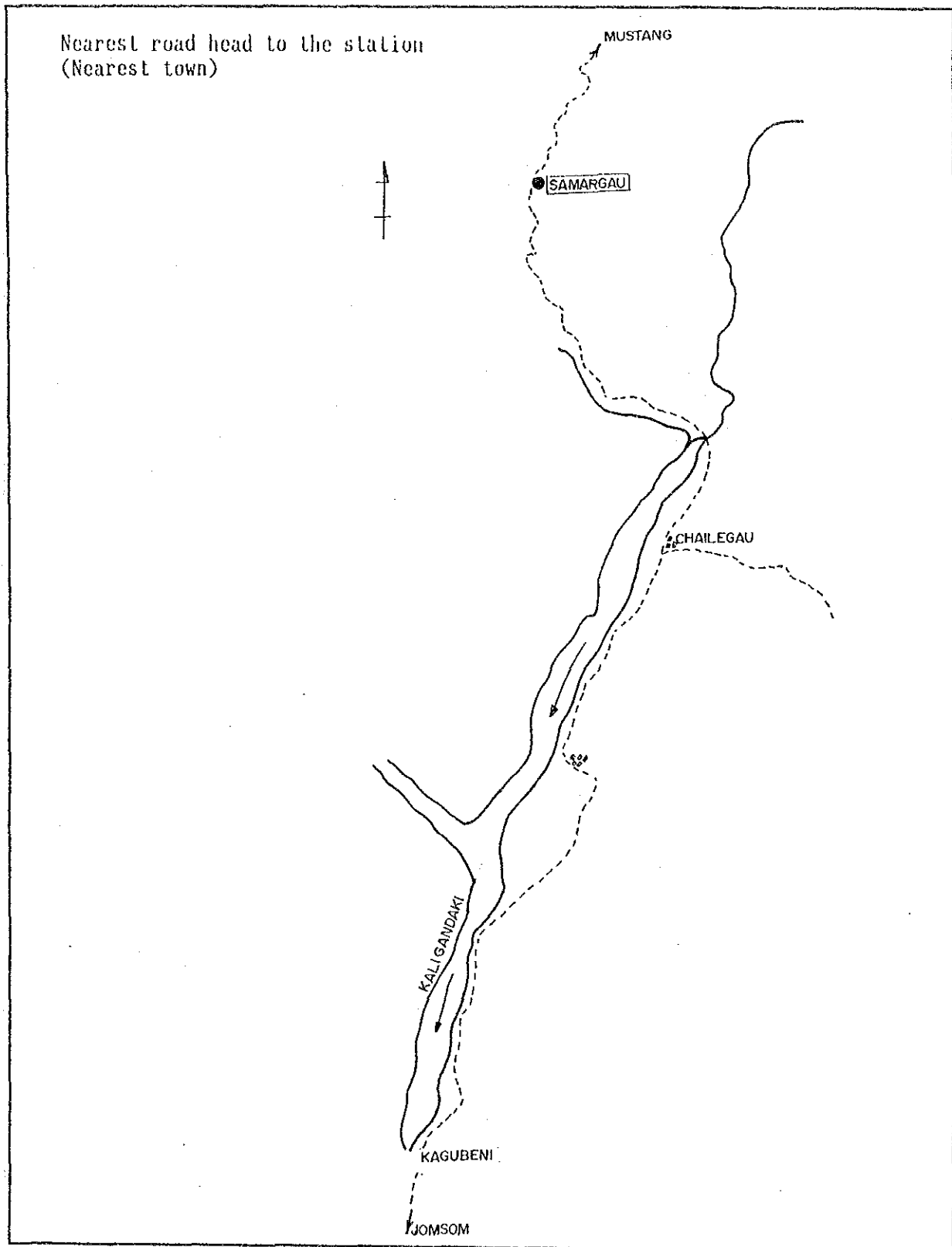
- 8.1 Location Map
- 8.2 Photograph

LOCATION MAP (1/2)

STATION NAME : 0624 Samargau

DATE :

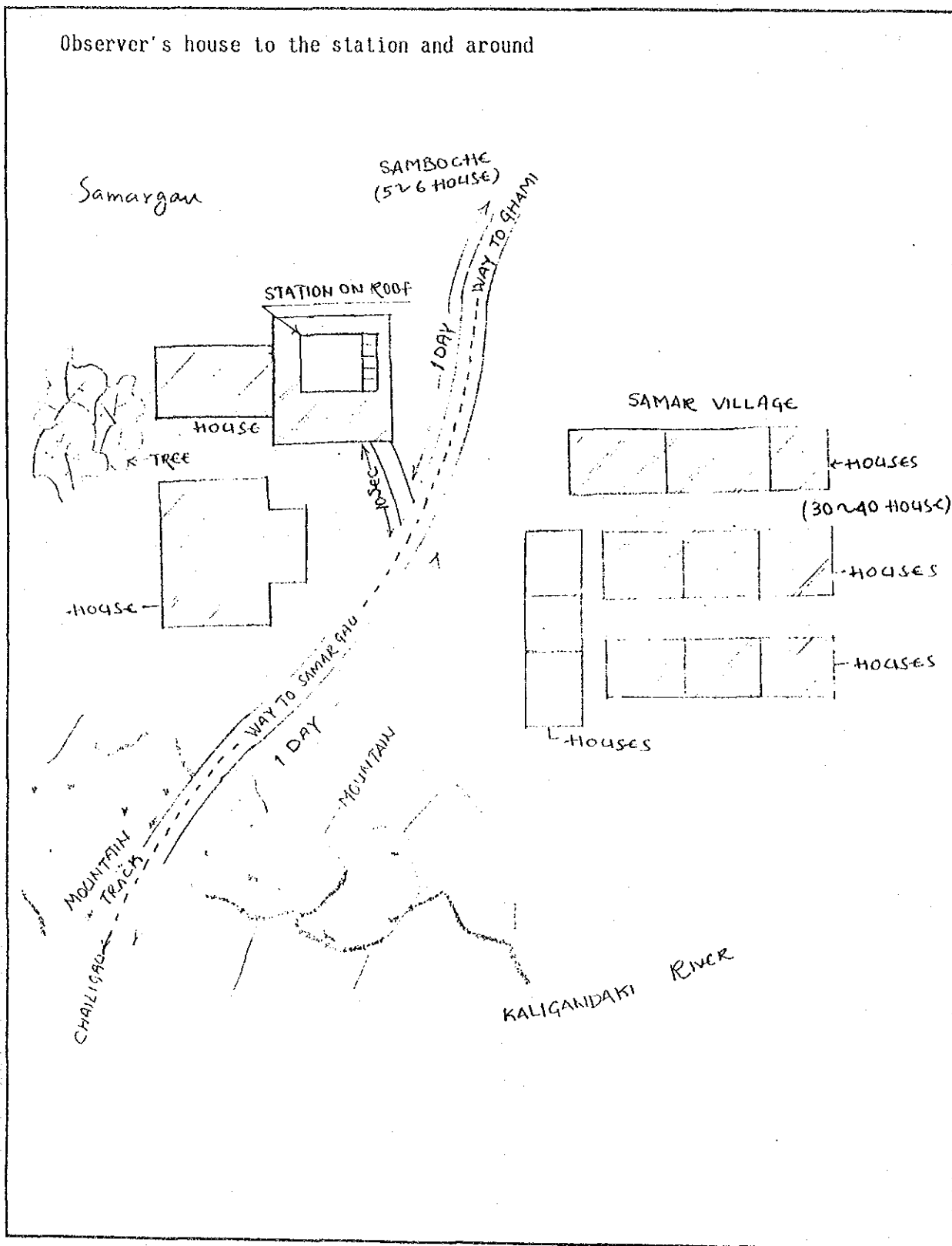
INSPECTOR : R.R.Adhikari



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

LOCATION MAP (2/2)

STATION NAME : 0624 Samargau
DATE :
INSPECTOR : R.K. Adhikari



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 625
1.2 Name of station Dhakarjung
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 3,160 m
2.3 Region Western
2.4 Zone Mustang
2.5 District
2.6 Name of village Dhakarjung
2.7 Name of nearest village Phalayak
2.8 Name of nearest town/bazar Jomson
2.9 Nearest Post office Kagheni
Distance of Nearest Post office 1 day walking distance
2.10 Nearest Telephone office Beni
Distance of Nearest Telephone office

3 HISTORY

3.1 Date of establishment 11-Jun-92 Recorder : 11-Jun-92
3.2 Name of establishment party DDM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 8:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum dairy Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Jomson
4.2 Nearest road-head/Airport Jomson
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Jomson -> Kagheni -> Dhakarjung
2 days walking distance from Jomson

5 OBSERVER

5.1 Name Mr. Duli Bahadur Gurung
5.2 Address
5.3 Date of employment
5.4 Qualification Read and Write
5.5 Main occupation Agriculture
5.6 Distance from the residence of observer to the station 1 day walking distance
5.7 Name of alter. observer Mr. Nangal Gurung
Address of the observer
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gage
 - a) Manufacture Name Nepalese Factory
 - b) Type US Standard type (20cm dia.)
 - c) Hight of Instrument 1.1 m
- 6.2 Recording rain gauge
 - a) Manufacture Name Belfort, USA
 - b) Type Weighing type (8inch dia.)
 - c) Model NO. 5-780 300mm Dual-traverse
 - d) Recorder Number NO.92925
Chart drive Number B27249
 - e) Recording Chart 300mmDual-traverse 192hrs/rev(5-4046-MM)
 - f) Height of Instrument 1.1 m
 - g) Manufacture date
 - h) Power source Spring
- 6.3 Avairable data
 - a) Ordinary From 12-Jun-92 to
 - b) Recorder From 12-Jun-92 to
 - c)..... From to
 - d)..... From to
 - e)..... From to
 - f)..... From to
 - g)..... From to
 - h)..... From to
 - i)..... From to

7 CONDITION OF STATION AT PRESENT

- 7.1 Date of latest Inspection Nov. ,1992
- 7.2 Site
 - 7.2.1 Location (X)O.K. ()need shifting
 - 7.2.2 Others
- on the roof of observer's house
- 7.3 Condition of station
 - 7.3.1 Approach track (X)O.K. ()needs what
 - 7.3.2 Structure (X)O.K. ()needs what
(fence, foundation)
 - 7.3.3 Instrument (X)O.K. ()needs what
 - 7.3.4 Others
- 7.4 Others

8 ATTACHMENT

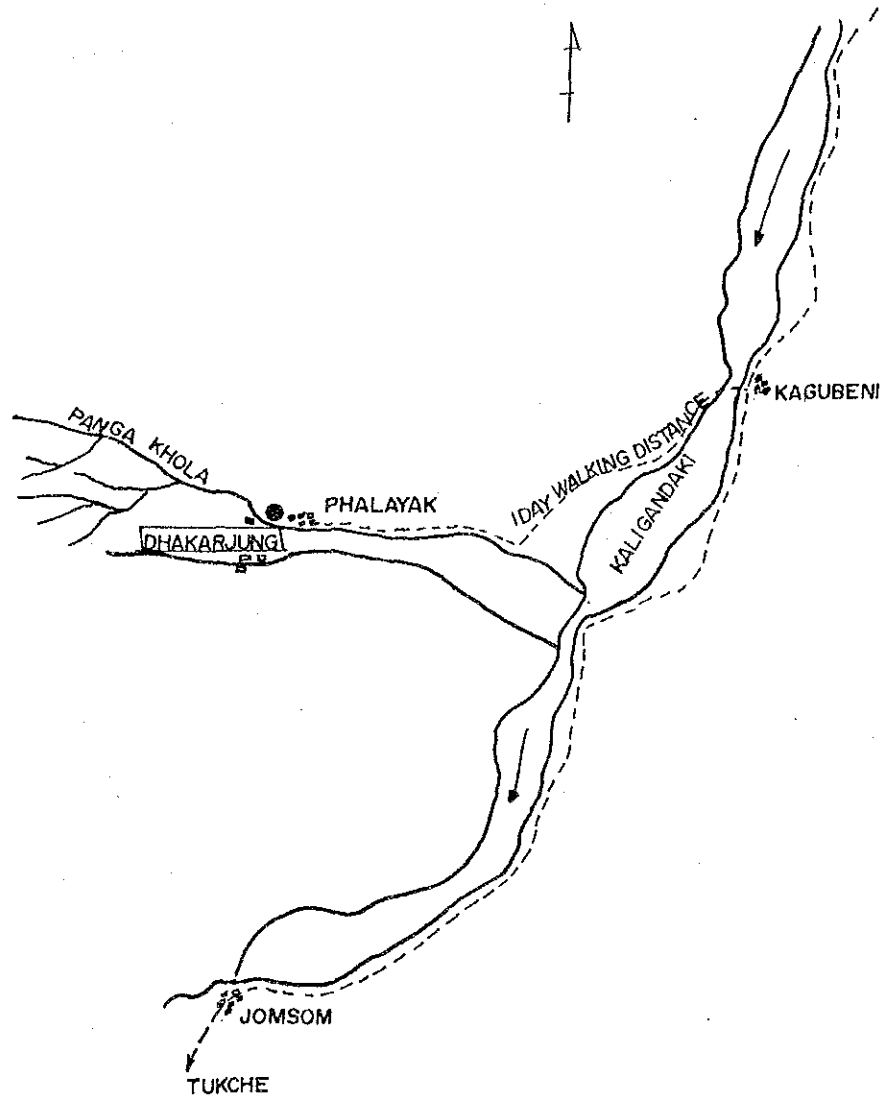
- 8.1 Location Map
- 8.2 Photograph

STATION NAME : 0625 Dhakarjung

DATE :

INSPECTOR : R.K.Adhikari

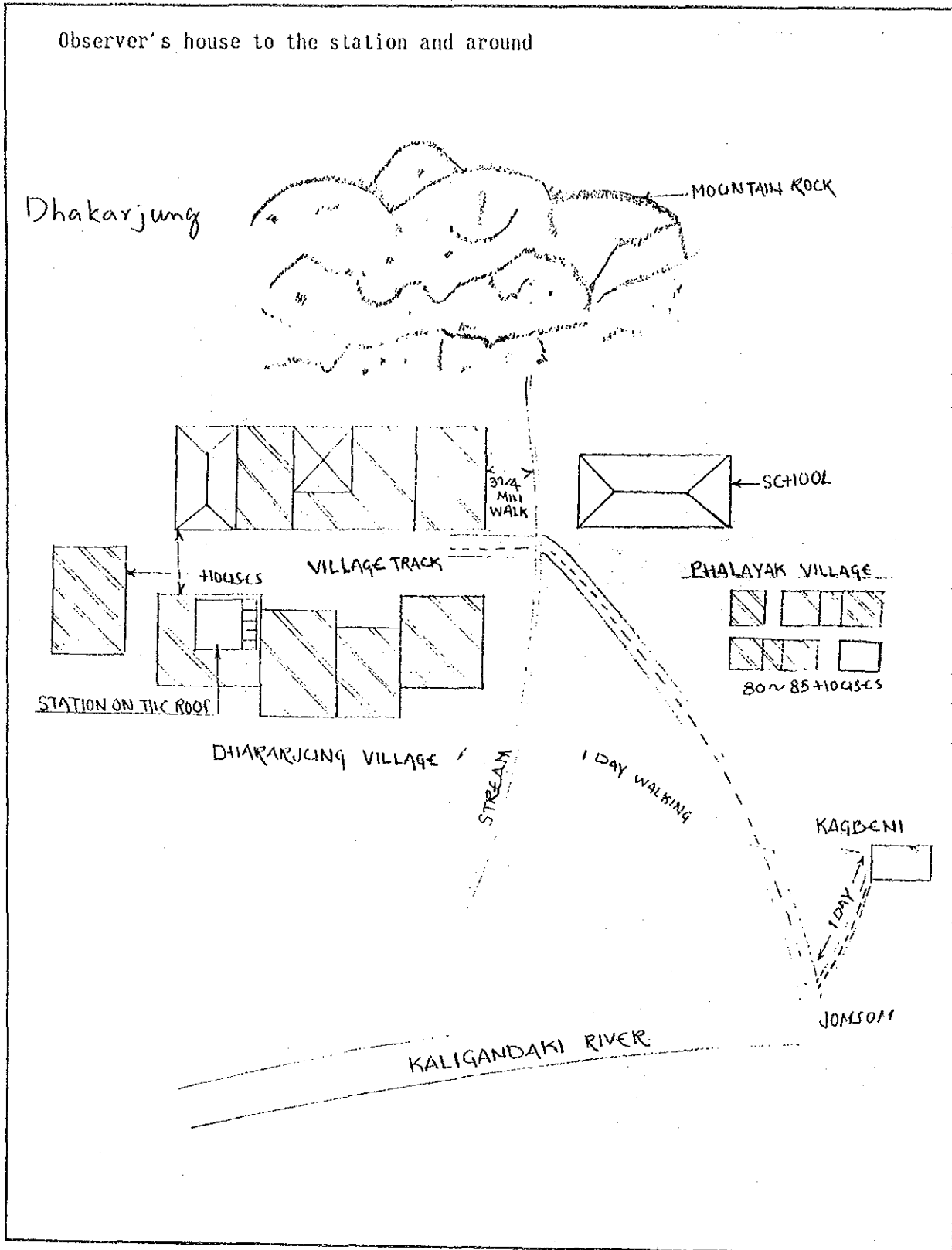
Nearest road head to the station
(Nearest town)



STATION NAME : 0625 Dhakarjung

DATE :

INSPECTOR : R.K. Adhikari



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 628
1.2 Name of station Bega
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 1,770 m
2.3 Region Western
2.4 Zone Nyagdi
2.5 District Dhaulagiri
2.6 Name of village Bega
2.7 Name of nearest village Rakhu
2.8 Name of nearest town/bazar Beni
2.9 Nearest Post office Rakhu
Distance of Nearest Post office 2hrs walking distance
2.10 Nearest Telephone office Beni
Distance of Nearest Telephone office 1day walking distance

3 HISTORY

3.1 Date of establishment 01-Apr-92 Recorder : 10-Jun-92
3.2 Name of establishment party DDM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 3:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum daily Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Balawa
4.2 Nearest road-head Baglung
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Baglung -> Beni -> Galaswar -> Bega Khola Village -> Bega
2days walking distance from Baglung

5 OBSERVER

5.1 Name Mr. Bal Singh Fagami
5.2 Address Bega Khola V.C. Ward NO.4 Bega Nyagdi
5.3 Date of employment 30-Mar-92
5.4 Qualification SLC
5.5 Main occupation Teacher
5.6 Distance from the residence of observer to the station 500 m Distance
5.7 Name of alter. observer Mr. Mahendra Fagami
Address of the observer Bega Khola V.C. Ward NO.4 Bega Nyagdi
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gauge
a) Manufacture Name Nepalese Factory
b) Type US Standard type (20cm dia.)
c) Hight of Instrument 1.1 m
- 6.2 Recording rain gauge
a) Manufacture Name Belfort, USA
b) Type Weighing type (8inch dia.)
c) Model NO. 5-730 300mm Dual-traverse
d) Recorder Number NO.92930
Chart drive Number B27244
e) Recording Strip Chart 192 hrs/rev (5-4046-RM)
f) Height of Instrument 1.1 m
g) Manufacture date
h) Power source Spring
- 6.3 Avairtable data
a) Ordinary From 01-Apr-92 to
b) Recorder From 11-Jun-92 to
c)..... From to
d)..... From to
e)..... From to
f)..... From to
g)..... From to
h)..... From to
i)..... From to

7 CONDITION OF STATION AT PRESENT

- 7.1 Date of latest Inspection Nov. ,1992
- 7.2 Site
7.2.1 Location (X)O.K. ()need shifting
7.2.2 Others
- 7.3 Condition of station
7.3.1 Approach track (X)O.K. ()needs what
7.3.2 Structure (X)O.K. ()needs what
{fence, foundation}
7.3.3 Instrument ()O.K. (X)needs what
7.3.4 Others

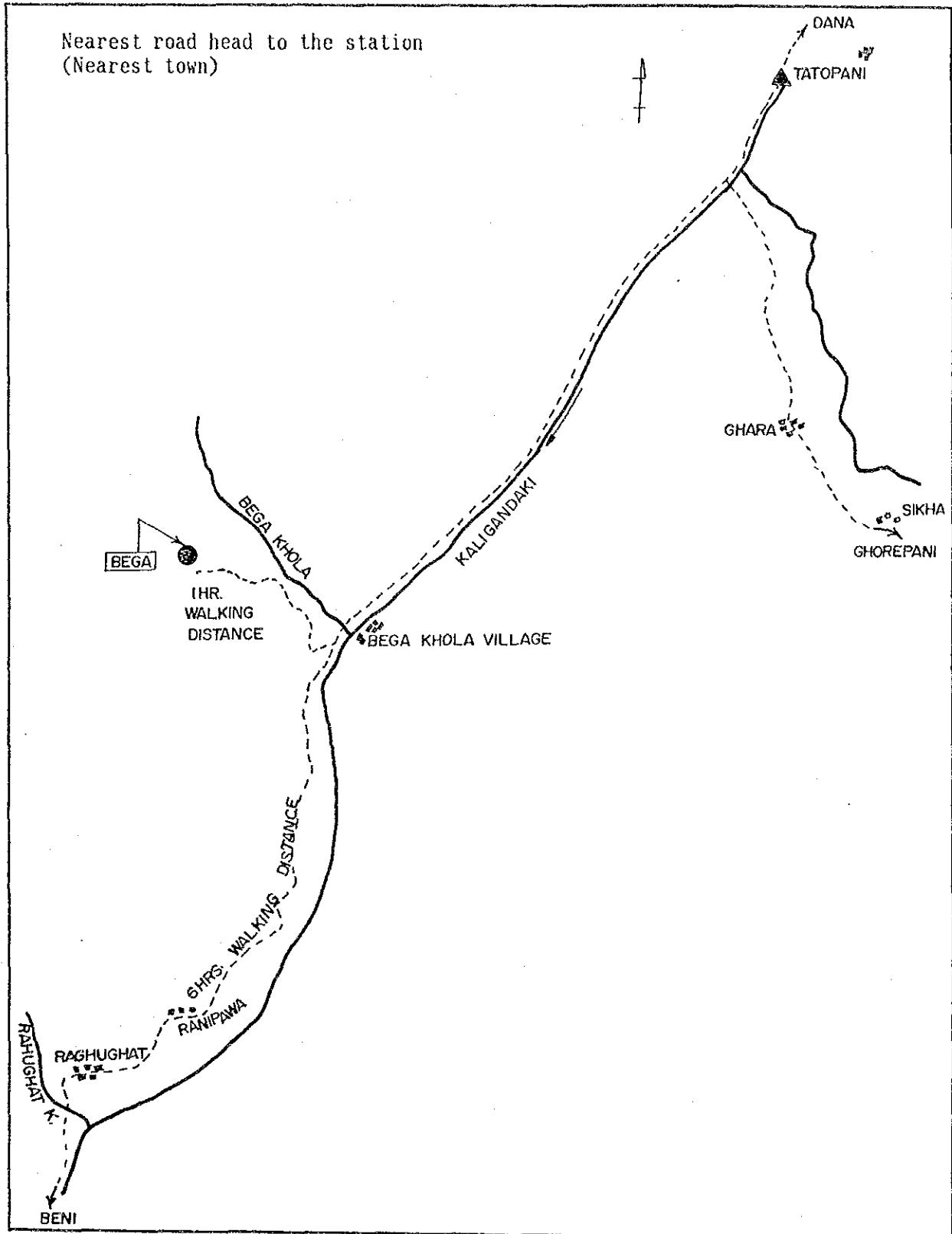
7.4 Others

8 ATTACHMENT

- 8.1 Location Map
8.2 Photograph

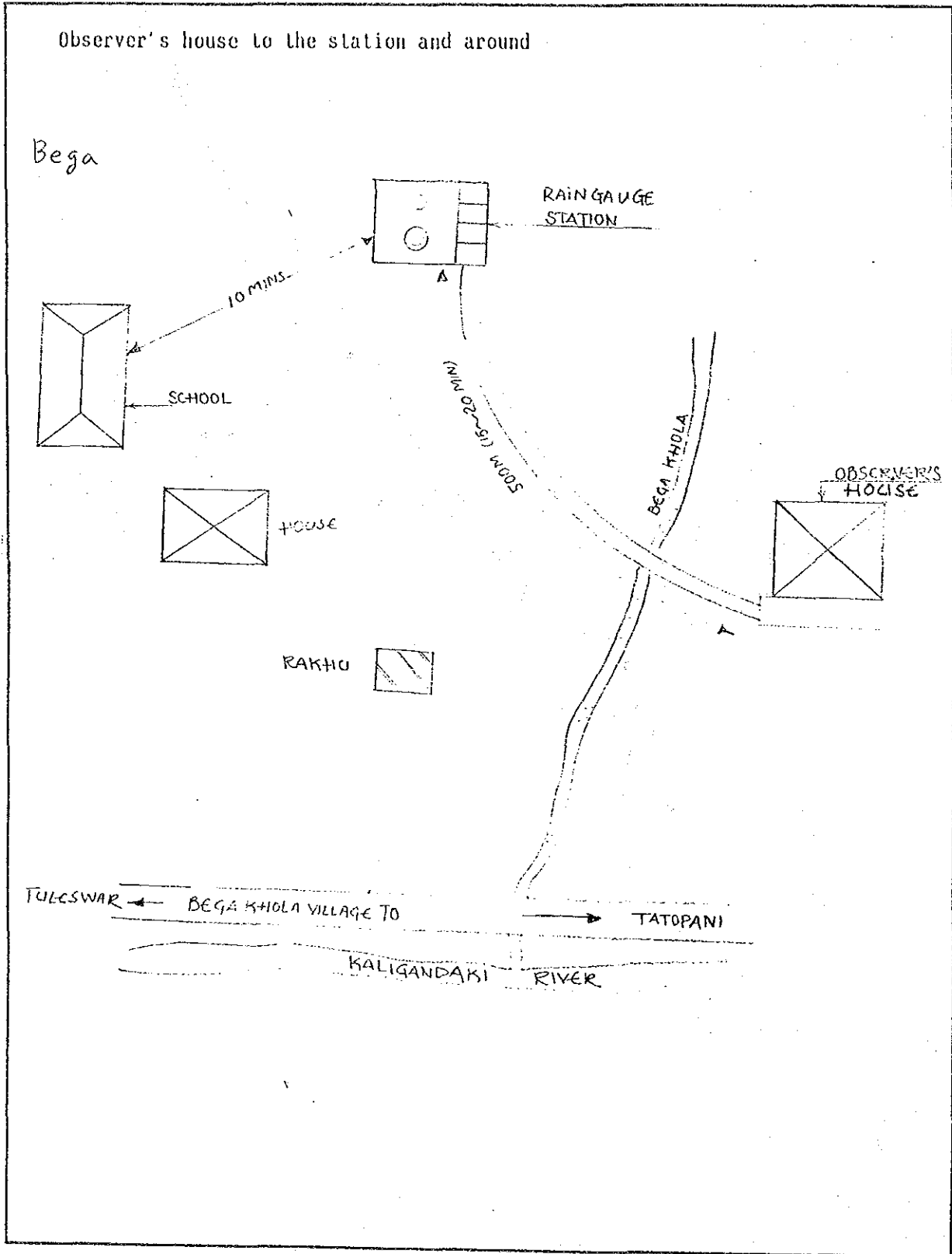
LOCATION MAP (1/2)

STATION NAME : 0626 Bega
DATE :
INSPECTOR : Joti Shankar



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 0626 Bega
DATE :
INSPECTOR : Joti Shankar



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 627
1.2 Name of station Kuhun
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 1,550 m
2.3 Region Western
2.4 Zone Myagji
2.5 District Dhaulagiri
2.6 Name of village Kuhun
2.7 Name of nearest village Purna Gaun
2.8 Name of nearest town/bazar Beni
2.9 Nearest Post office Kuhun
Distance of Nearest Post office 5min walking distance
2.10 Nearest Telephone office Beni
Distance of Nearest Telephone office 1day walking distance

3 HISTORY

3.1 Date of establishment 01-Apr-92 Recorder : 16-Jun-92
3.2 Name of establishment party DNM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 8:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum Daily Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Balawa
4.2 Nearest road-head Baglung
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Baglung -> Beni -> Tatopani -> Kuhun
2day walking distance from Baglung

5 OBSERVER

5.1 Name Mr.Ray Bahadur Rajjari
5.2 Address Kuhun village, Ward NO.4 Mageli
5.3 Date of employment 01-Apr-92
5.4 Qualification SSG
5.5 Main occupation Retired Military
5.6 Distance from the residence of observer to the station 5min walking distance
5.7 Name of alter. observer Mr.Tek Prasad Rajjari
Address of the observer
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gauge
- a) Manufacture Name Nepalese Factory
 - b) Type US Standard type (20cm dia.)
 - c) Height of Instrument 1.1 m
- 6.2 Recording rain gauge
- a) Manufacture Name Belfort, USA
 - b) Type Weighing type (8inch dia.)
 - c) Model NO. 5-780 300mm Dual-traverse
 - d) Recorder Number NO.92932
 - Chart drive Number B27243
 - e) Recording Strip Chart 192 hrs/rev (5-4046-MM)
 - f) Height of Instrument 1.1 m
 - g) Manufacture date
 - h) Power source Spring
- 6.3 Data Available
- a) Ordinary..... From 01-Apr-92 to
 - b) Recorder From 15-Jun-92 to
 - c)..... From to
 - d)..... From to
 - e)..... From to
 - f)..... From to
 - g)..... From to
 - h)..... From to
 - i)..... From to

7 CONDITION OF STATION AT PRESENT

- 7.1 Date of latest Inspection Nov. ,1992
- 7.2 Site
- 7.2.1 Location (X)O.K. ()need shifting
 - 7.2.2 Others
 - on the roof of observer's house
- 7.3 Condition of station
- 7.3.1 Approach track (X)O.K. ()needs what
 - 7.3.2 Structure (X)O.K. ()needs what
 - (fence, foundation)
 - 7.3.3 Instrument ()O.K. (X)needs what
 - 7.3.4 Others

7.4 Others

8 ATTACHMENT

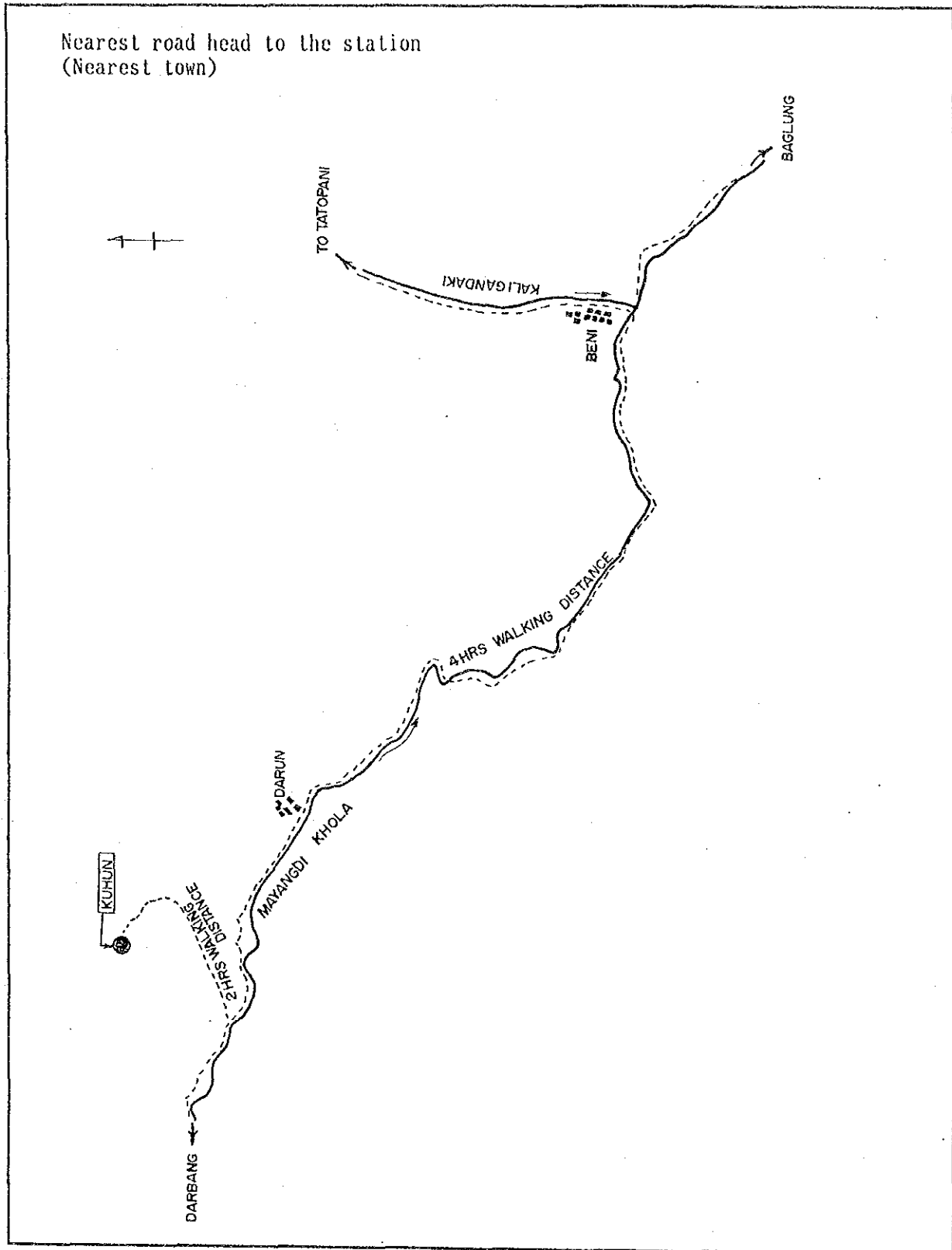
- 8.1 Location Map
- 8.2 Photograph

LOCATION MAP (1/2)

STATION NAME : 0627 Kuhun

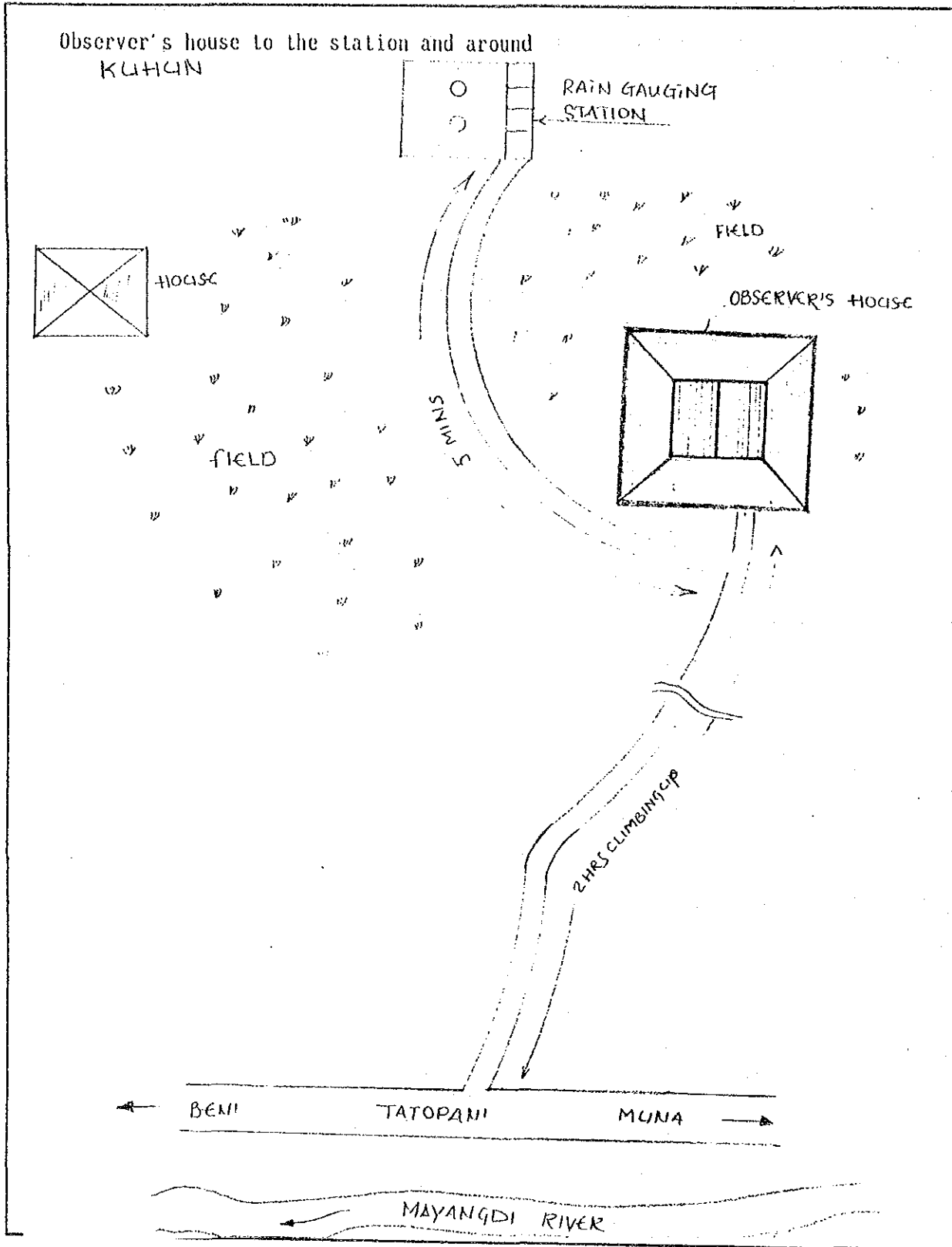
DATE :

INSPECTOR : J. Shankar



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 0627 Kahun
DATE :
INSPECTOR : J. Shankar



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 628
1.2 Name of station Muna
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 1,950 m
2.3 Region Western
2.4 Zone Nyangi
2.5 District Dhaulagiri
2.6 Name of village Muna
2.7 Name of nearest village Faliya
2.8 Name of nearest town/bazar Darbang
2.9 Nearest Post office Muna
Distance of Nearest Post office 5min walking distance
2.10 Nearest Telephone office Beni
Distance of Nearest Telephone office

3 HISTORY

3.1 Date of establishment 01-Apr-92 Recorder : 21-Jun-92
3.2 Name of establishment party DDM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 8:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum dairy Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Balawa
4.2 Nearest road-head Baglung
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Baglung -> Beni -> Darbang -> Faliya Gaun -> Muna
3 days walking distance from Baglung

5 OBSERVER

5.1 Name Mr.Man Bahadur Pun
5.2 Address Muna village, Ward NO.4 Muna Mageli
5.3 Date of employment
5.4 Qualification SLC
5.5 Main occupation Agriculture
5.6 Distance from the residence of observer to the station 3min walking distance
5.7 Name of alter. observer Mr.Gorakh Bahadur Pun
Address of the observer Muna village, Ward NO.4 Muna Mageli
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gauge
 - a) Manufacture Name Nepalese Factory
 - b) Type US Standard type (20cm dia.)
 - c) Height of instrument 1.1 m
- 6.2 Recording rain gauge
 - a) Manufacture Name Belfort, USA
 - b) Type Weighing type (8inch dia.)
 - c) Model NO. 5-780 300mm Dual-traverse
 - d) Recorder Number B 92931
 - e) Recording Strip Chart 192 hrs/rev (5-4046-MM)
 - f) Height of Instrument 1.1 m
 - g) Manufacture date
 - h) Power source Spring
- 6.3 Available data
 - a) Ordinary From 03-Apr-92 to
 - b) Recorder From 08-Jun-92 to
 - c)..... From to
 - d)..... From to
 - e)..... From to
 - f)..... From to
 - g)..... From to
 - h)..... From to
 - i)..... From to

7 CONDITION OF STATION AT PRESENT

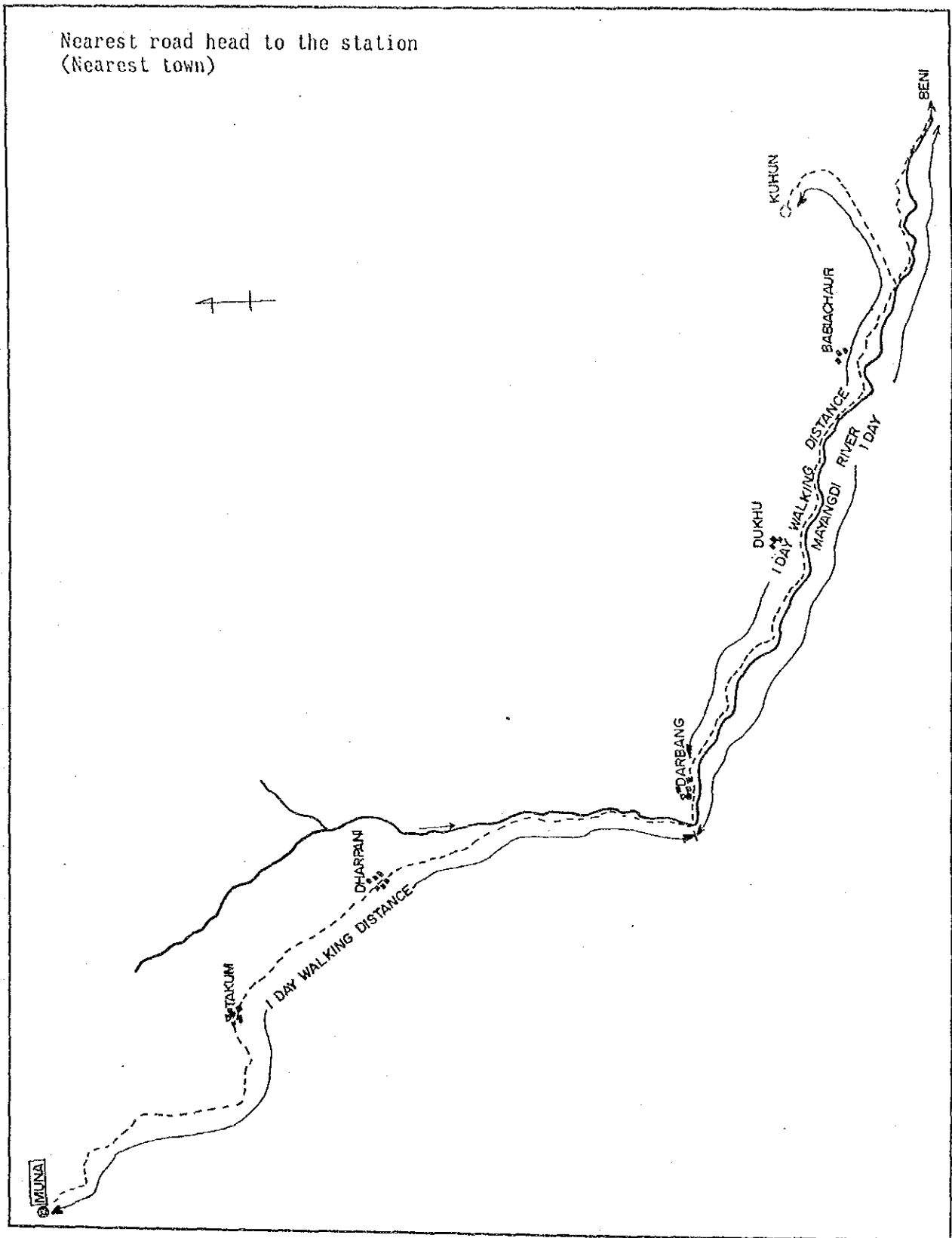
- 7.1 Date of latest inspection Nov. ,1992
- 7.2 Site
 - 7.2.1 Location (X)O.K. ()need shifting
 - 7.2.2 Others
- 7.3 Condition of station
 - 7.3.1 Approach track (X)O.K. ()needs what
 - 7.3.2 Structure (X)O.K. ()needs what
(fence, foundation)
 - 7.3.3 Instrument (X)O.K. ()needs what
 - 7.3.4 Others
- 7.4 Others

8 ATTACHMENT

- 8.1 Location Map
- 8.2 Photograph

LOCATION MAP (1/2)

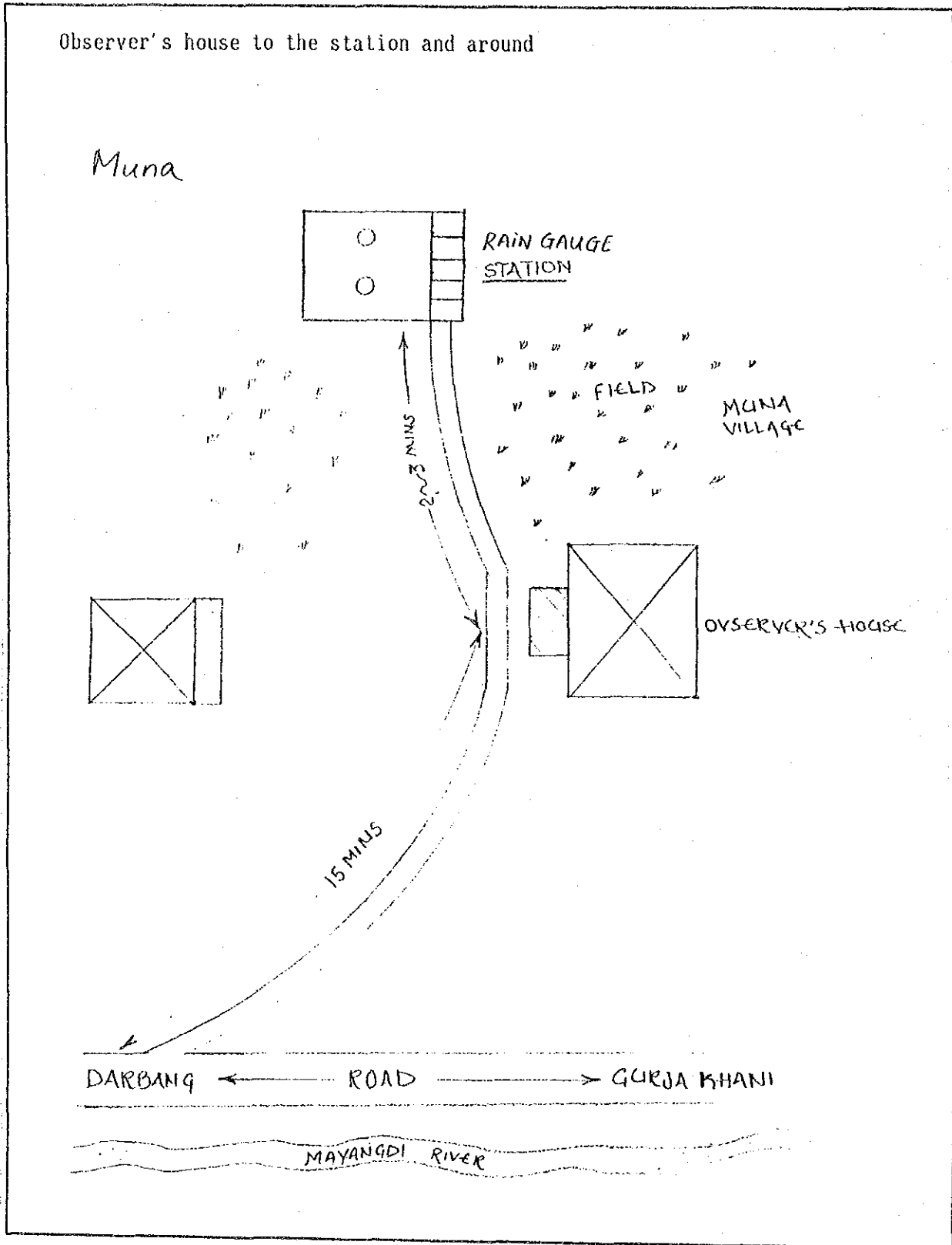
STATION NAME : 0628 Muna
DATE :
INSPECTOR : Joti Shankar



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 0628 Muna
DATE :
INSPECTOR : Joti Shankar

Observer's house to the station and around



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 629
1.2 Name of station Baghara
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 2,330 m
2.3 Region Western
2.4 Zone Myangi
2.5 District Dhaulagiri
2.6 Name of village Baghara
2.7 Name of nearest village Huna
2.8 Name of nearest town/bazar Darbang
2.9 Nearest Post office Muri
Distance of Nearest Post office 1 day walking
2.10 Nearest Telephone office Beni
Distance of Nearest Telephone office 4 day walking

3 HISTORY

3.1 Date of establishment 05-Apr-92 Recorder : 25-Jun-92
3.2 Name of establishment party DMM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 8:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum dairy Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Balawa
4.2 Nearest road-head Baglung
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Beni->Darbang->Huna->Mori->Baghara
4 days walking from Beni

5 OBSERVER

5.1 Name Mr.Hari Prasad Tiliya
5.2 Address Beghara Ward NO.9
5.3 Date of employment
5.4 Qualification 5 class
5.5 Main occupation Agriculture
5.6 Distance from the residence of observer to the station 500 m
5.7 Name of alter. observer Mr.Nara Tiliya
Address of the observer
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gauge
a) Manufacture Name Nepalese Factory
b) Type US Standard type (20cm dia.)
c) Height of Instrument 1.1 m
- 6.2 Recording rain gauge
a) Manufacture Name Belfort, USA
b) Type Weighing type (8inch dia.)
c) Model NO. 5-780 300mm Dual-traverse
d) Recorder Number NO. 92927
Chart drive Number B27208
e) Recording Strip Chart 192 hrs/rev (5-4646-WH)
f) Height of Instrument 1.1 m
g) Manufacture date 30-Jun-92
h) Power source Spring
- 6.3 Data Available
- | | | | |
|------------------|------|-----------|----|
| a) Ordinary | From | 03-Apr-92 | to |
| b) Recorder | From | 18-Jun-92 | to |
| c)..... | From | | to |
| d)..... | From | | to |
| e)..... | From | | to |
| f)..... | From | | to |
| g)..... | From | | to |
| h)..... | From | | to |
| i)..... | From | | to |

7 CONDITION OF STATION AT PRESENT

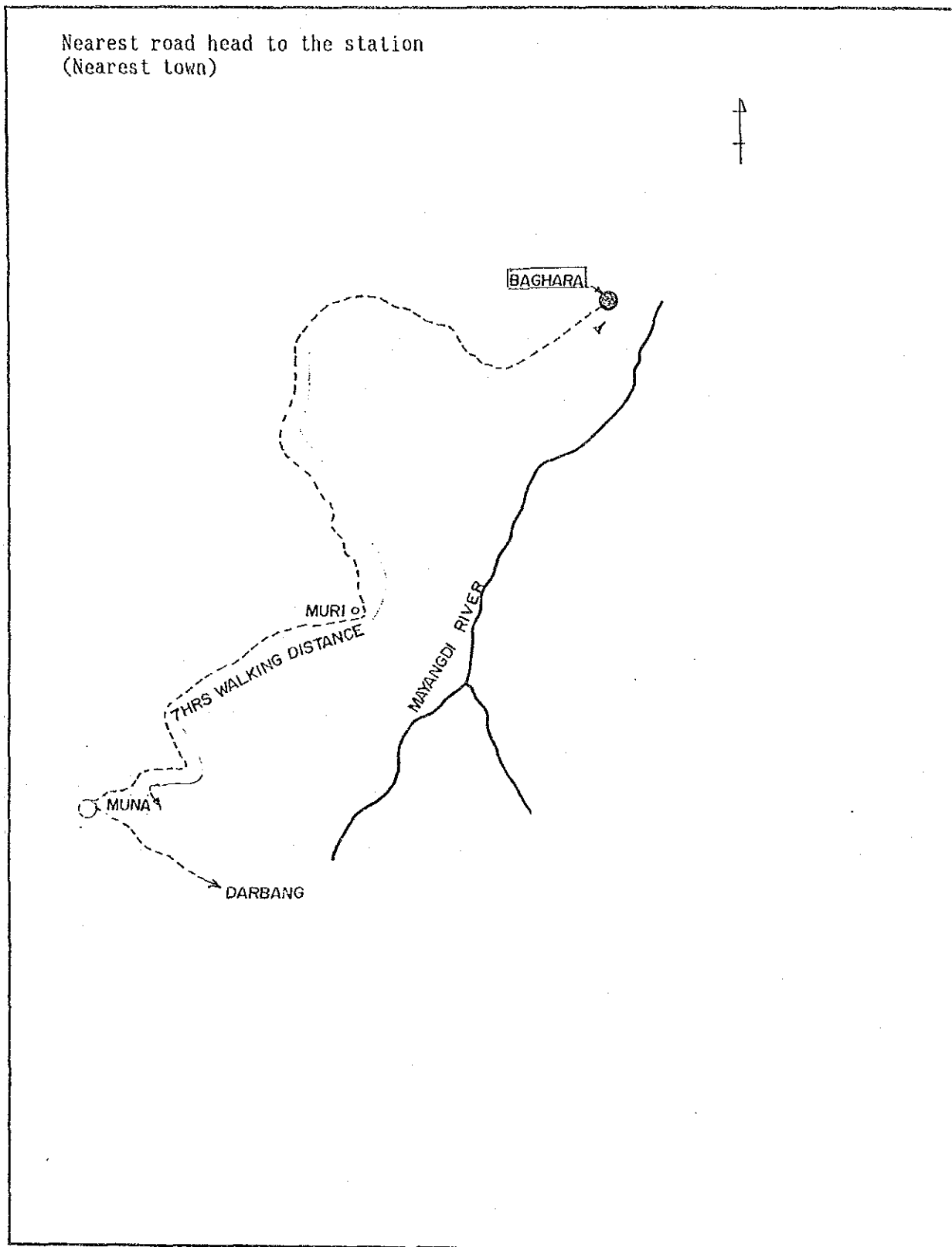
- 7.1 Date of latest inspection Nov. ,1992
- 7.2 Site
- | | | |
|----------------|---------|------------------|
| 7.2.1 Location | (X)O.K. | ()need shifting |
| 7.2.2 Others | | |
- 7.3 Condition of station
- | | | |
|--|---------|---------------|
| 7.3.1 Approach track | (X)O.K. | ()needs what |
| 7.3.2 Structure
(fence, foundation) | (X)O.K. | ()needs what |
| 7.3.3 Instrument | (X)O.K. | ()needs what |
| 7.3.4 Others | | |
- 7.4 Others

8 ATTACHMENT

- 8.1 Location Map
8.2 Photograph

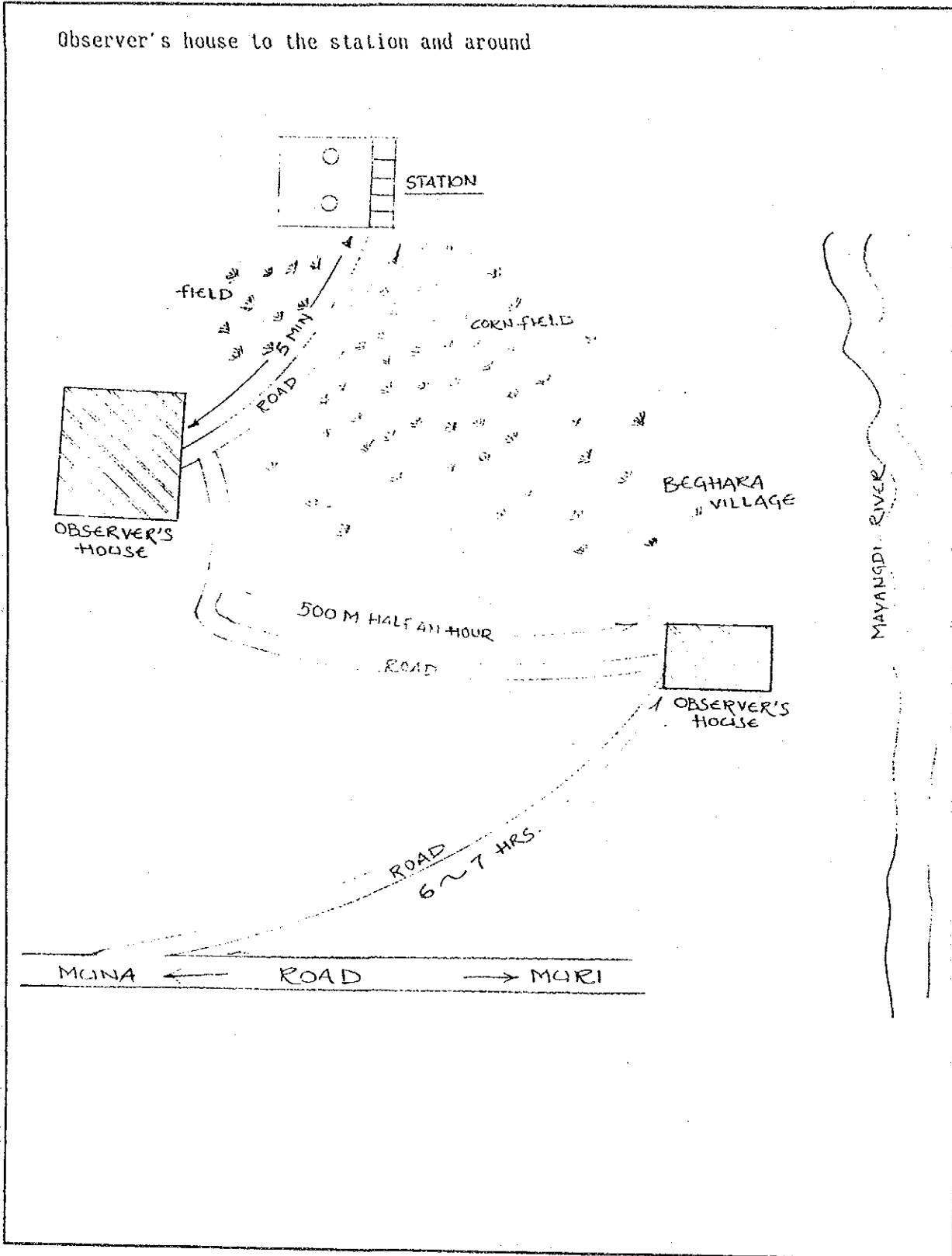
LOCATION MAP (1/2)

STATION NAME : 0629 Baghara
DATE :
INSPECTOR : Joti Shankar



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 0629 Baghara
DATE :
INSPECTOR : Joti Shankar



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 630
1.2 Name of station Sirkang
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 1,460 m
2.3 Region Western
2.4 Zone Gandaki
2.5 District Parbat
2.6 Name of village Sirkang
2.7 Name of nearest village Kurga
2.8 Name of nearest town/bazar Kushma
2.9 Nearest Post office Parang
Distance of Nearest Post office 3 km distance
2.10 Nearest Telephone office Kushma
Distance of Nearest Telephone office 6hrs walking dist.

3 HISTORY

3.1 Date of establishment 01-Apr-92 Recorder : 01-Jun-92
3.2 Name of establishment party DDM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 8:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum dairy Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Pokhara
4.2 Nearest road-head Kushma
4.3 Direction and walking distance from the nearest road-head to the station (route description)
6 hrs walking distance from Kushma

5 OBSERVER

5.1 Name Mr. Tark Bahadur Kunnear
5.2 Address Pangrang V.D.C Ward NO.7
5.3 Date of employment
5.4 Qualification SLC
5.5 Main occupation Agriculture
5.6 Distance from the residence of observer to the station 1min walking distance
5.7 Name of alter. observer Mr. Bodha Raj Kunware
Address of the observer Pangrang V.D.C Ward NO.7
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gauge
- a) Manufacture Name Nepalese Factory
 - b) Type US Standard type (20cm dia.)
 - c) Height of Instrument 1.1 m
- 6.2 Recording rain gauge
- a) Manufacture Name Belfort, USA
 - b) Type Weighing type (8inch dia.)
 - c) Model NO. 5-789 300mm Dual-traverse
 - d) Recorder Number NO.32933
 - Chart drive Number B27227
 - e) Recording Chart 300mmDual-traverse 192hrs/rev(5-4046-MM)
 - f) Height of Instrument 1.1 m
 - g) Manufacture date
 - h) Power source Spring
- 6.3 Data Available
- a) Ordinary From 01-Apr-92 to
 - b) Recorder From 11-Jun-92 to
 - c)..... From to
 - d)..... From to
 - e)..... From to
 - f)..... From to
 - g)..... From to
 - h)..... From to
 - i)..... From to

7 CONDITION OF STATION AT PRESENT

- 7.1 Date of latest inspection Nov.5,1992
- 7.2 Site
- 7.2.1 Location O.K. need shifting
 - 7.2.2 Others
- 7.3 Condition of station
- 7.3.1 Approach track O.K. needs what
 - 7.3.2 Structure O.K. needs what
(fence, foundation)
 - 7.3.3 Instrument O.K. needs what
 - 7.3.4 Others
- 7.4 Others

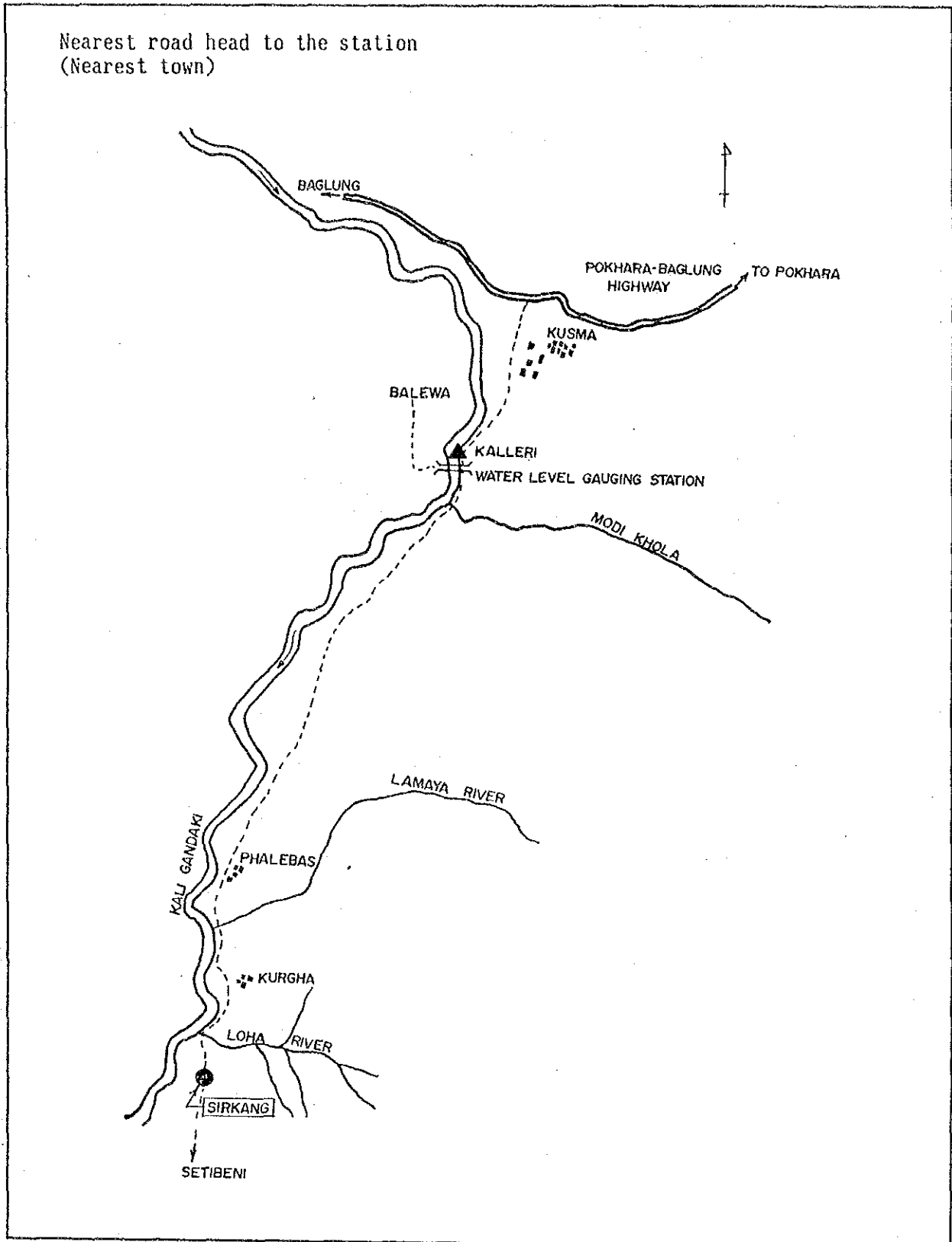
8 ATTACHMENT

- 8.1 Location Map
- 8.2 Photograph

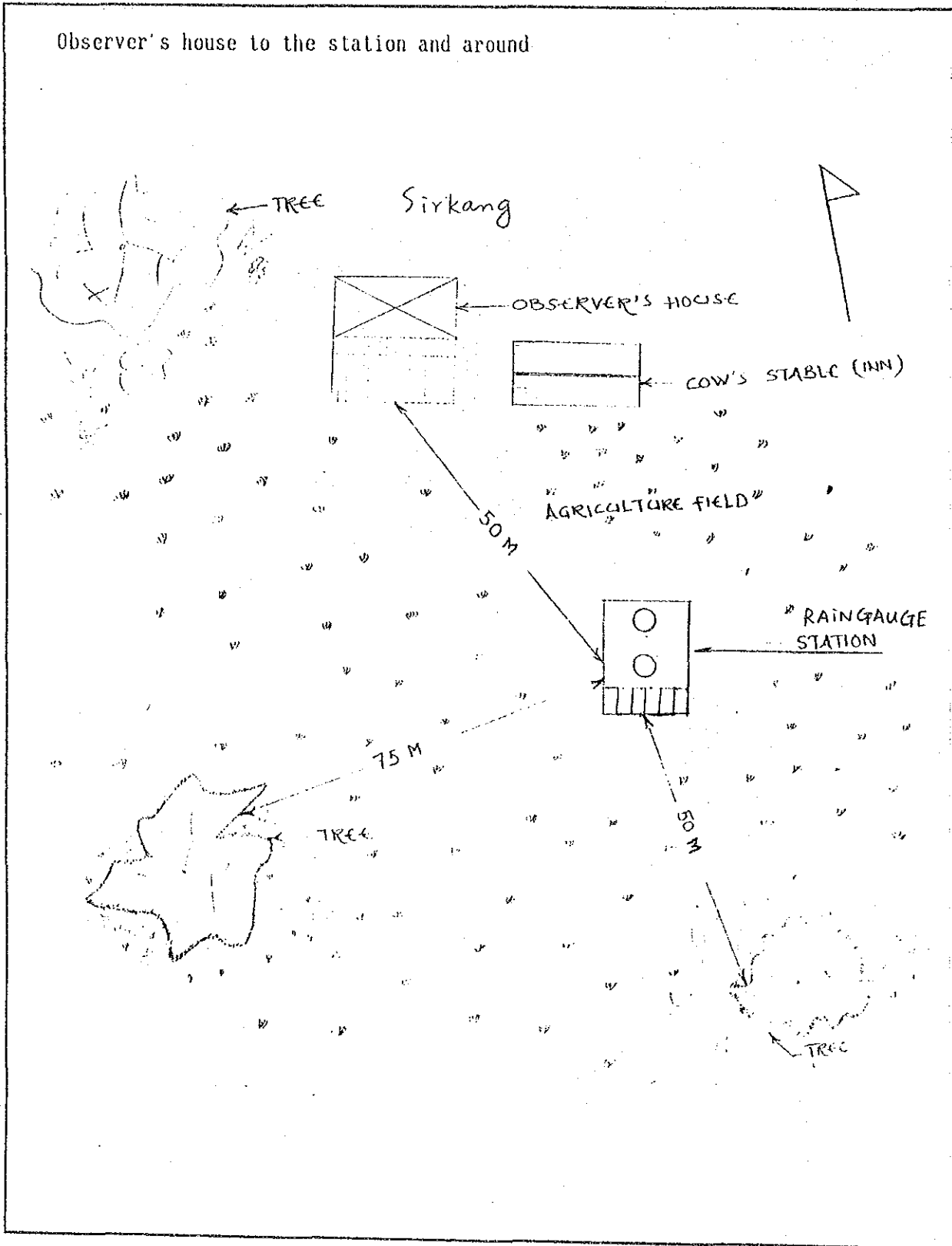
STATION NAME : 0630 Sirkang

DATE :

INSPECTOR : C.M. Pahari



STATION NAME : 0630 Sirkang
DATE :
INSPECTOR : C.M.Pahari



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 328
1.2 Name of station Khuldi Dovan
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 2,400 m
2.3 Region Western
2.4 Zone Kaski
2.5 District Gandaki
2.6 Name of village Khuldi
2.7 Name of nearest village Bamboe
2.8 Name of nearest town/bazar Pokhara
2.9 Nearest Post office Chuarung
Distance of Nearest Post office 1 day walking distance
2.10 Nearest Telephone office Pokhara
Distance of Nearest Telephone office 4 days walking distance

3 HISTORY

3.1 Date of establishment 26-Jun-92 Recorder : 26-Jun-92
3.2 Name of establishment party DDM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 3:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum dairy Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Balawa
4.2 Nearest road-head Phedi
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Pokhara->Dhampus->Nayapool->Seenudanda->Kuldi
4 days walking distance from Pokhara

5 OBSERVER

5.1 Name Mr. Jeet Kaji Grung
5.2 Address Ghendruk village, Ward NO.9 Kurdi, Kaski
5.3 Date of employment 23-Jun-92
5.4 Qualification Read & Write
5.5 Main occupation Hotel owner
5.6 Distance from the residence of observer to the station
5.7 Name of alter. observer Mr. Govinda Gurung
Address of the observer Ghendruk village, Ward NO.9 Kurdi, Kaski
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gauge
a) Manufacture Name Nepalese Factory
b) Type US Standard type (20cm dia.)
c) Hight of Instrument 1.1 m
- 6.2 Recording rain gauge
a) Manufacture Name Belfort, USA
b) Type Weighing type (8inch dia.)
c) Model NO. 5-780 300mm Dual-traverse
d) Recorder Number NO.92928
Chart drive Number B27242
e) Recording Chart 192 hrs/rev (5-4046-HH)
f) Height of Instrument 1.1 m
g) Manufacture date March, 1992
h) Power source Spring
- 6.3 Data Available
a) Ordinary..... From 29-Jun-92 to
b) Recorder From 29-Jun-92 to
c)..... From to
d)..... From to
e)..... From to
f)..... From to
g)..... From to
h)..... From to
i)..... From to

7 CONDITION OF STATION AT PRESENT

- 7.1 Date of latest Inspection Nov. ,1992
- 7.2 Site
7.2.1 Location (X)O.K. ()need shifting
7.2.2 Others
- 7.3 Condition of station
7.3.1 Approach track (X)O.K. ()needs what
7.3.2 Structure (X)O.K. ()needs what
{fence, foundation}
7.3.3 Instrument (X)O.K. ()needs what
7.3.4 Others
- 7.4 Others

8 ATTACHMENT

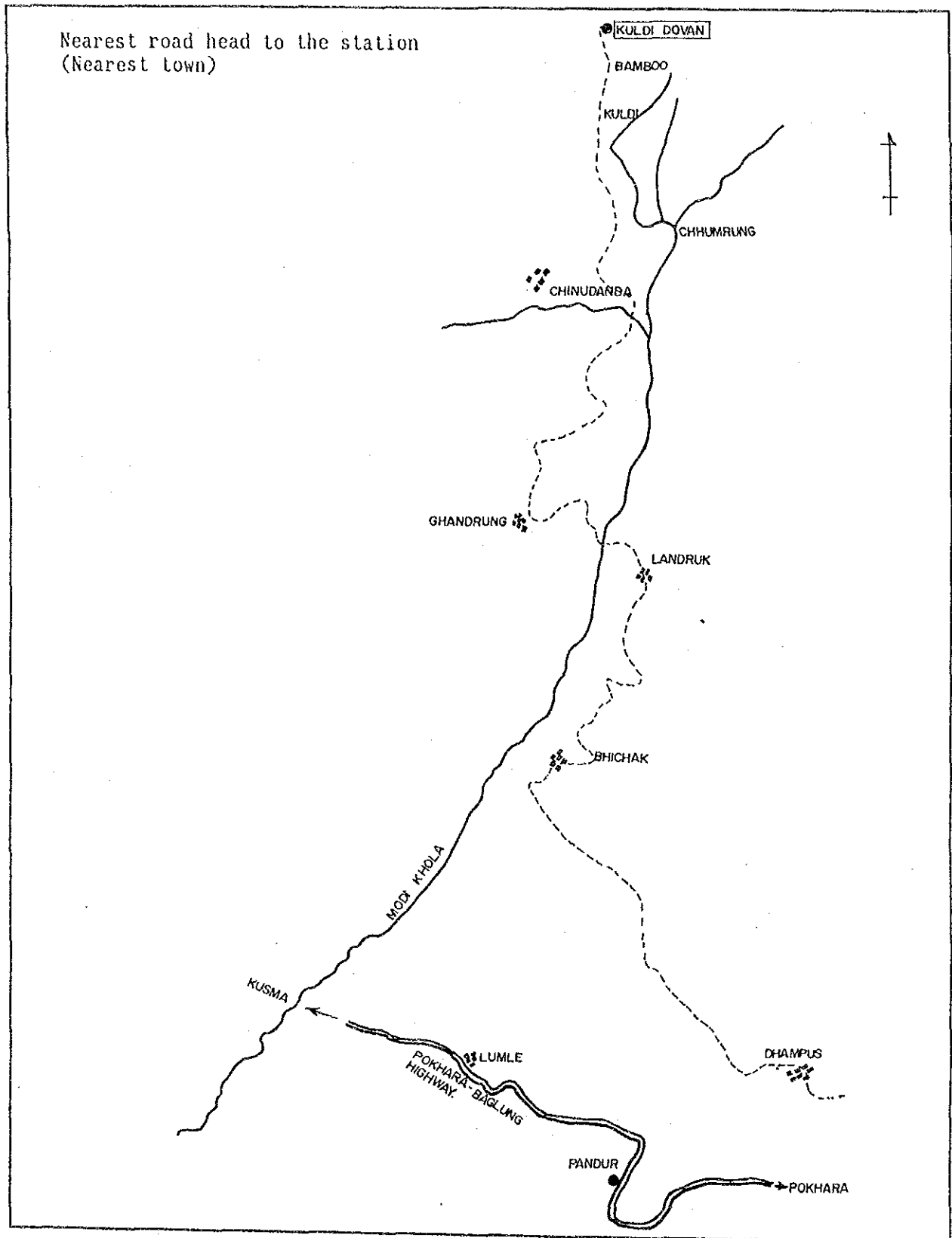
- 8.1 Location Map
8.2 Photograph

LOCATION MAP (1/2)

STATION NAME : 0828 Kuldi dovan

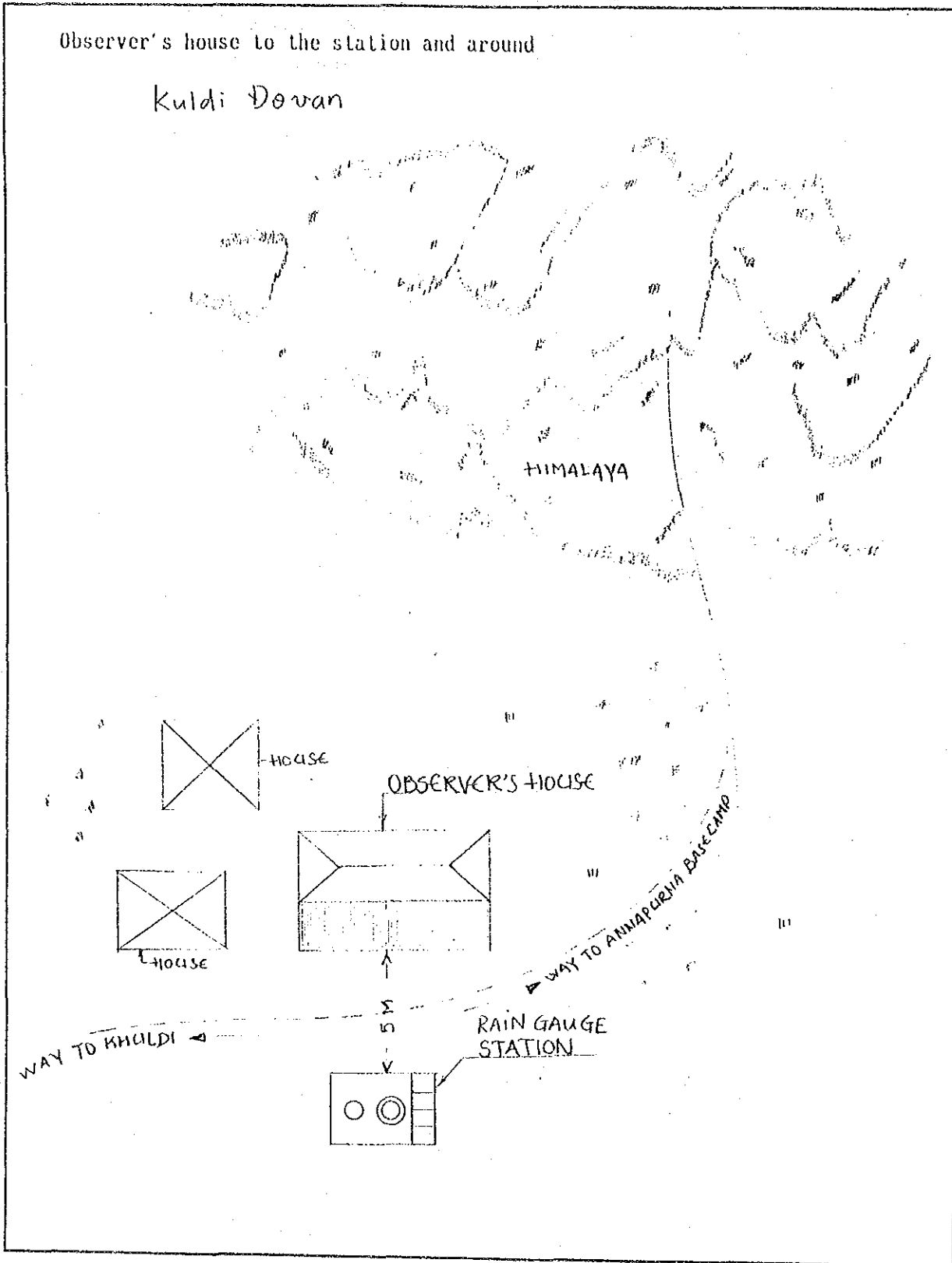
DATE :

INSPECTOR : C.M. Pahari



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 0828 Kuldi dovan
DATE :
INSPECTOR : C.M. Pahari



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 829
 1.2 Name of station Salyan
 1.3 Type of station Precipitation
 1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
 Longitude
 2.2 Altitude (A.M.S.L.) 1,460 m
 2.3 Region Western
 2.4 Zone Gandaki
 2.5 District Kaski
 2.6 Name of village Salyan
 2.7 Name of nearest village Salyan
 2.8 Name of nearest town/bazar Pokhara
 2.9 Nearest Post office Salyan
 Distance of Nearest Post office 20 min walking
 2.10 Nearest Telephone office Pokhara
 Distance of Nearest Telephone office 2 hrs walking & 1 hr
 by vehicle

3 HISTORY

3.1 Date of establishment 20-Apr-92 Recorder : 26-May-92
 3.2 Name of establishment party DHM & JICA
 3.3 Date of upgrading
 3.4 Name of upgrading party
 3.5 Frequency of observation 1 time/ 8:45 AM
 3.6 Data available
 3.7 Closing date
 3.8 Reason of closing
 3.9 Maximum dairy Rainfall during period of
 observation

4 ACCESSIBILITY

4.1 Nearest airport Pokhara
 4.2 Nearest road-head Karne
 4.3 Direction and walking distance from the nearest
 road-head to the station (route description)
 2 hrs walking from Karne on Pokhara-Baglung highway(under const.)

5 OBSERVER

5.1 Name Mr. Ash Bahadur Grung
 5.2 Address Ward no.2 Salyan village, Kaski
 5.3 Date of employment April ,1992
 5.4 Qualification Read & write
 5.5 Main occupation Agriculture
 5.6 Distance from the residence of observer 70 m
 to the station
 5.7 Name of aiter. observer Mr. Ashok K Grung(his son)
 Address of the observer Ward no.2 Salyan village, Kaski
 5.8 Name of former observer
 Address of the observer

6 INSTRUMENTS

6.1 Ordinary rain gauge

- a) Manufacture Name Nepalese Factory
- b) Type US Standard type (20cm dia.)
- c) Hight of Instrument 1.1 m

6.2 Recording rain gauge

- a) Manufacture Name Beifort, USA
- b) Type Weighing type (8inch dia.)
- c) Model NO. 5-780 300mm Dual-traverse
- d) Recorder Number NO.92929
- Chart driver Number B27235
- e) Recording Chart 300mmDual-traverse 192hrs/rev(5-4046-MM)
- f) Height of Instrument 1.1 m
- g) Manufacture date
- h) Power source Spring

6.3 Data Available

- a) Ordinary From 21-Apr-92 to
- b) Recorder Fron 27-May-92 to
- c)..... From to
- d)..... From to
- e)..... From to
- f)..... From to
- g)..... From to
- h)..... From to
- i)..... From to

7 CONDITION OF STATION AT PRESENT

7.1 Date of latest Inspection Nov.3 ,1992

7.2 Site

7.2.1 Location (X)O.K. ()need shifting

7.2.2 Others

- a little snowfall in Dec.Jan.& Feb.

7.3 Condition of station

7.3.1 Approach track (X)O.K. ()needs what

7.3.2 Structure (X)O.K. ()needs what
(fence, foundation)

7.3.3 Instrument (X)O.K. ()needs what

7.3.4 Others

7.4 Others

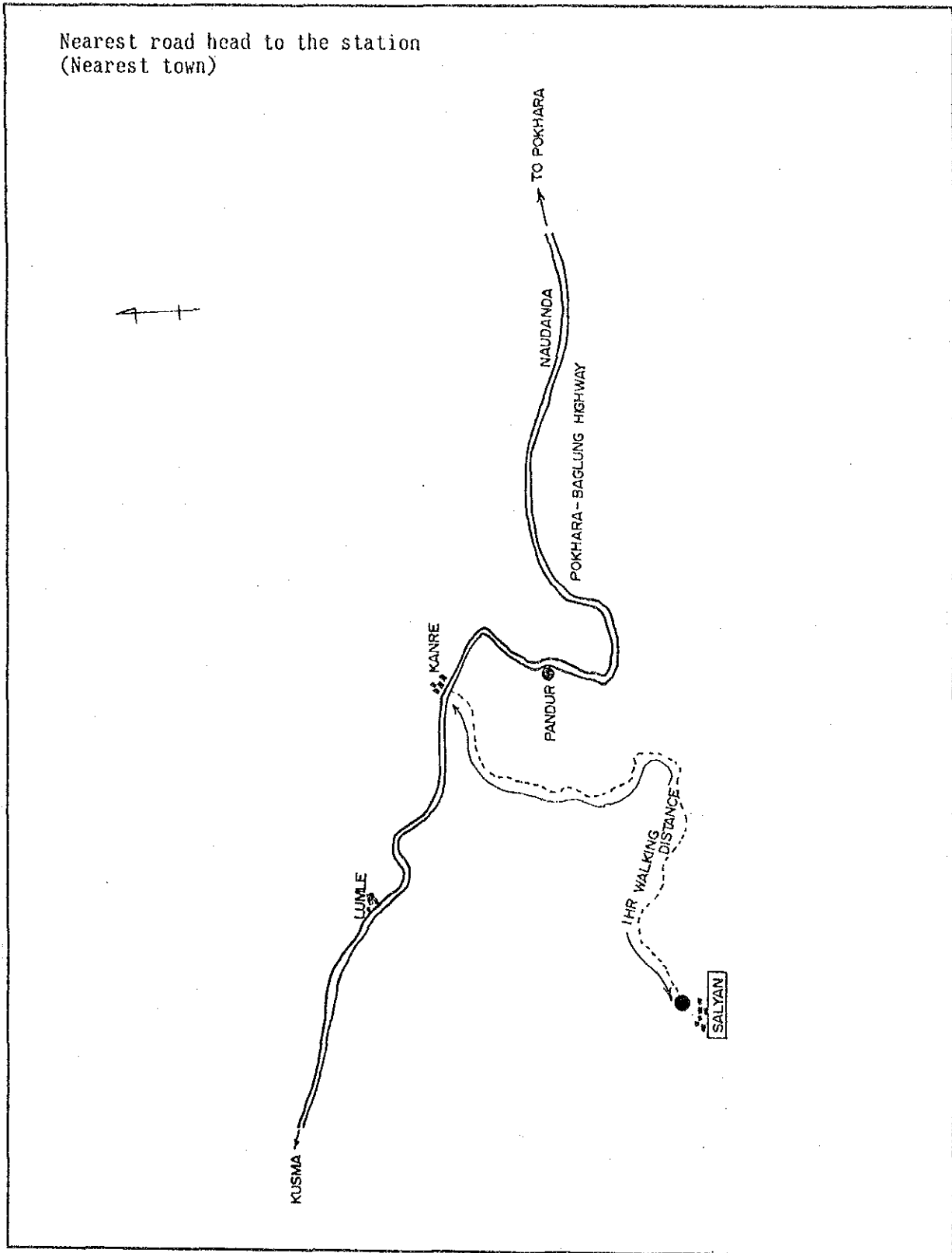
8 ATTACHMENT

8.1 Location Map

8.2 Photograph

LOCATION MAP (1/2)

STATION NAME : 0829 Sallyaa
DATE :
INSPECTOR : S.B.Prajapati



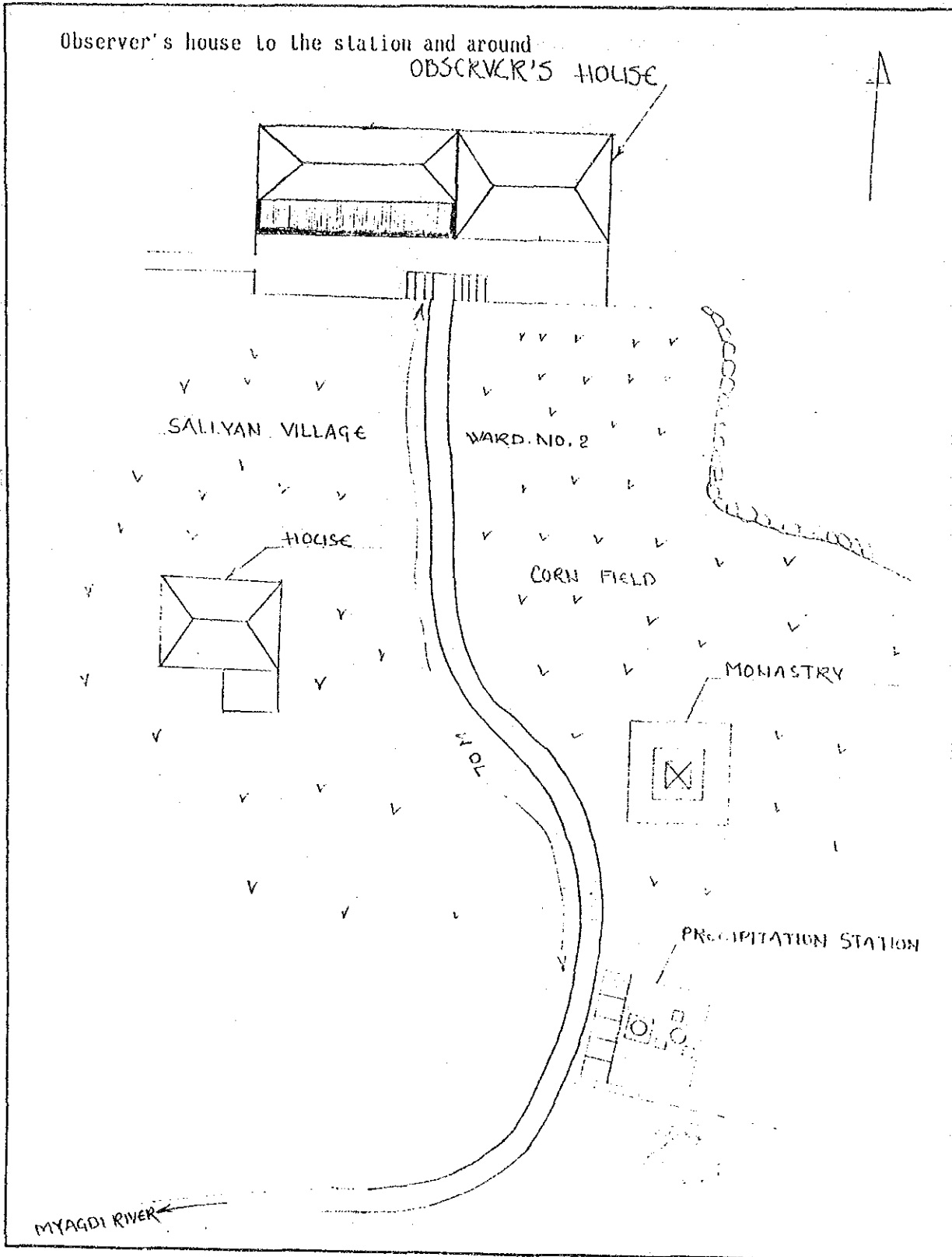
NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

LOCATION MAP (2/2)

STATION NAME : 0829 Sallyaa

DATE :

INSPECTOR : S.B.Prajapati



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 830
1.2 Name of station Pandur
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 1,160 m
2.3 Region Western
2.4 Zone Gandaki
2.5 District Kaski
2.6 Name of village Pandur
2.7 Name of nearest village
2.8 Name of nearest town/bazar Peshvara
2.9 Nearest Post office
Distance of Nearest Post office
2.10 Nearest Telephone office Peshvara
Distance of Nearest Telephone office 1 hr by vehicle

3 HISTORY

3.1 Date of establishment 16-Mar-92 Recorder 16-Mar-92
3.2 Name of establishment party DWH & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 3:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum daily Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Peshvara
4.2 Nearest road-head Pandur
4.3 Direction and walking distance from the nearest road-head to the station (route description)
Pandur on Peshvara-Baglung highway (under construction)

5 OBSERVER

5.1 Name Mr.
5.2 Address
5.3 Date of employment
5.4 Qualification
5.5 Main occupation
5.6 Distance from the residence of observer 50 m walking distance to the station.
5.7 Name of alter. observer
Address of the observer
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

- 6.1 Ordinary rain gauge
 - a) Manufacture Name Nepalese Factory
 - b) Type US Standard type (dia. 20cm)
 - c) Height of Instrument 1.1 m
- 6.2 Recording rain gauge
 - a) Manufacture Name Seba Germany
 - b) Type Tipping bucket type with data logger
 - c) Model RG-50 / MDS II
 - d) Recorder Number NO. B00230 (data logger)
 - e) Recording Chart 56 Kbyte C-RMS-RAM (max 3,000mm)
 - f) Height of Instrument 1.1 m
 - g) Manufacture date Jan-92
 - h) Power Source Battery 10.5 V
- 6.3 Data Available
 - a) Ordinary From 20-Apr-92 to
 - b) Recorder From 27-May-92 to
 - c)..... From to
 - d)..... From to
 - e)..... From to
 - f)..... From to
 - g)..... From to
 - h)..... From to
 - i)..... From to

7 CONDITION OF STATION AT PRESENT

- 7.1 Date of latest inspection Oct.21.1992
- 7.2 Site
 - 7.2.1 Location (X)O.K. ()need shifting
 - 7.2.2 Others
- 7.3 Condition of station
 - 7.3.1 Approach track (X)O.K. ()needs what
 - 7.3.2 Structure (X)O.K. ()needs what
(fence, foundation)
 - 7.3.3 Instrument (X)O.K. ()needs what
 - 7.3.4 Others

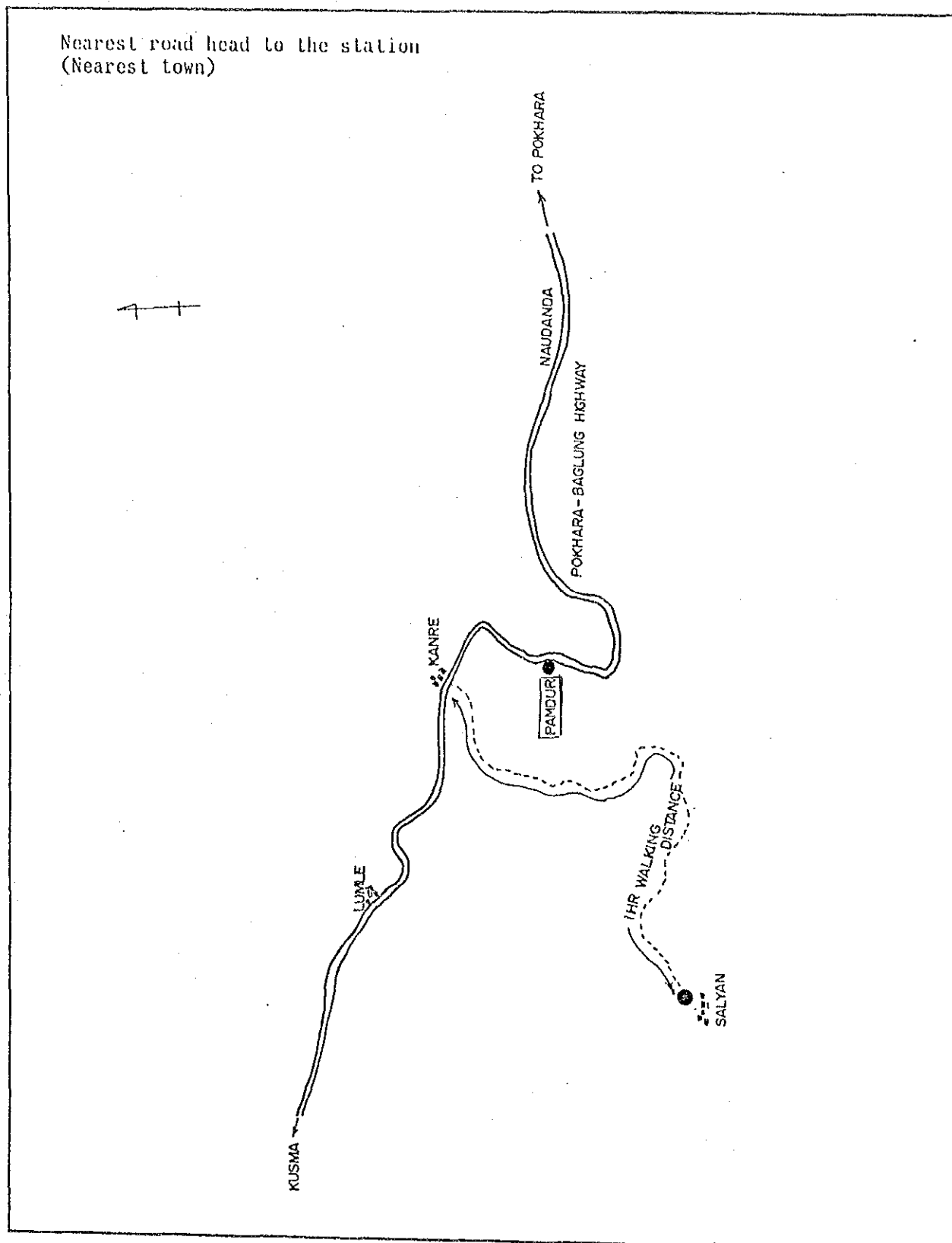
7.4 Others

8 ATTACHMENT

- 8.1 Location Map
- 8.2 Photograph

LOCATION MAP (1/2)

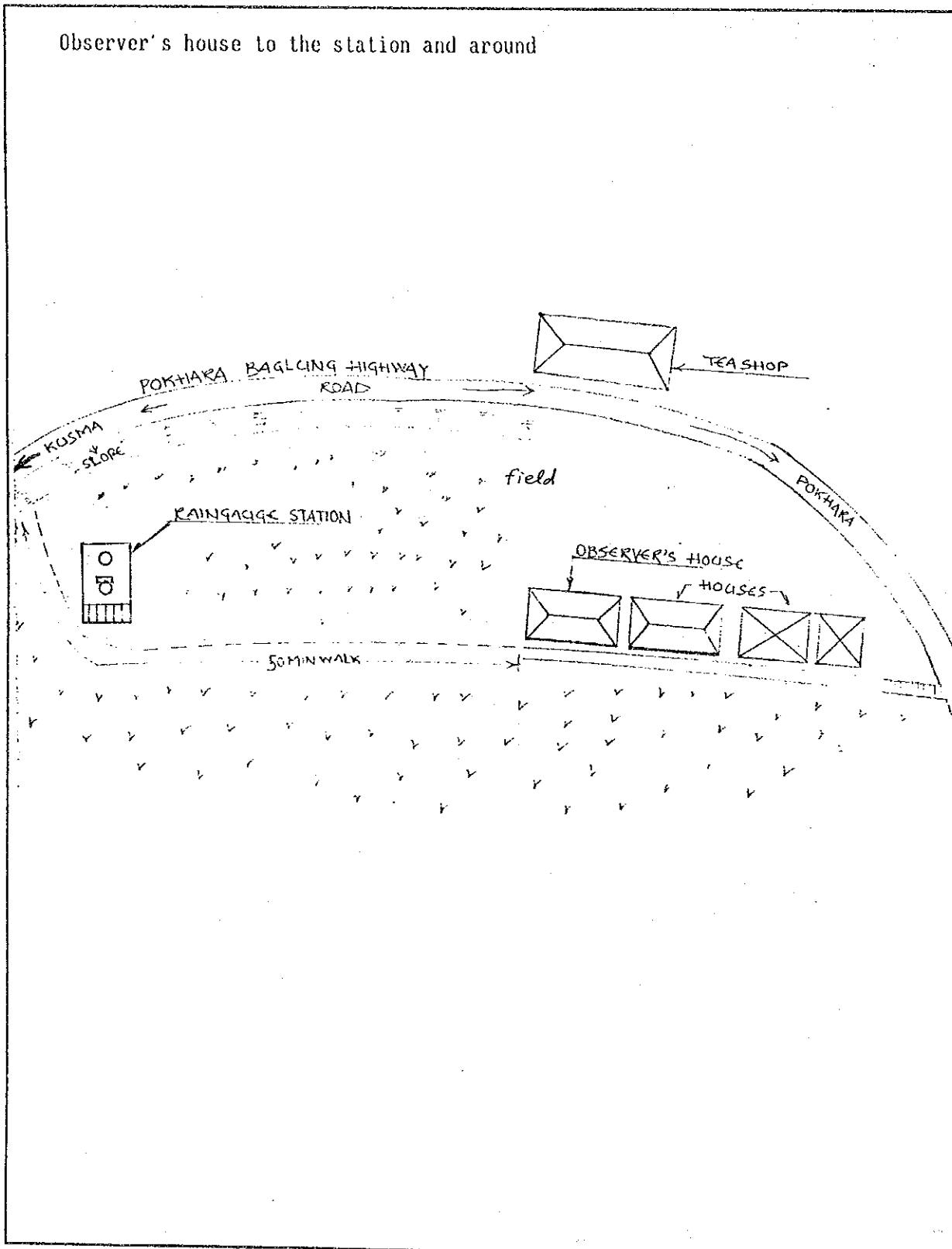
STATION NAME : 0830 Pandur
DATE :
INSPECTOR : Shiva.B.prajapati



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 0830 Pandur
DATE :
INSPECTOR : Shiva.B.prajapati

Observer's house to the station and around



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 331
1.2 Name of station Tisedi
1.3 Type of station Precipitation
1.4 Basin name Kali Gandaki

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 1,100 m
2.3 Region Western
2.4 Zone Gandaki
2.5 District Syangja
2.6 Name of village Tisedi
2.7 Name of nearest village Daharmathi
2.8 Name of nearest town/bazar Bayarghari
2.9 Nearest Post office Jharkan
Distance of Nearest Post office
2.10 Nearest Telephone office Syangja
Distance of Nearest Telephone office

3 HISTORY

3.1 Date of establishment 01-Apr-92 Recorder : 06-Jun-92
3.2 Name of establishment party DNM & JICA
3.3 Date of upgrading
3.4 Name of upgrading party
3.5 Frequency of observation 1 time/ 8:45 AM
3.6 Data available
3.7 Closing date
3.8 Reason of closing
3.9 Maximum dairy Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Pokhara
4.2 Nearest road-head Bayarghari
4.3 Direction and walking distance from the nearest road-head to the station (route description)
2 hrs walking distance from Bayarghari

5 OBSERVER

5.1 Name Mr. Dil Bahadur
5.2 Address Khilung V.D.C. Ward NO.5
5.3 Date of employment
5.4 Qualification 9 class
5.5 Main occupation Agriculture
5.6 Distance from the residence of observer to the station 1 min walking distance
5.7 Name of alter. observer Mr. Surya Bahadur
Address of the observer Khilung V.D.C. Ward NO.5
5.8 Name of former observer
Address of the observer

6 INSTRUMENTS

6.1 Ordinary rain gange

- a) Manufacture Name Nepalese Factory
- b) Type US Standard type (20cm dia.)
- c) Hight of Instrument 1.1 m

6.2 Recording rain gauge

- a) Manufacture Name Belfort, USA
- b) Type Weighing type (8inch dia.)
- c) Model NO. 5-789 300mm Dual-traverse
- d) Recorder Number NO.92334
- Chart drive Number B27241
- e) Recording Chart 300mmDual-traverse 192hrs/rev(5-4046-MW)
- f) Height of Instrument 1.1 m
- g) Manufacture date
- h) Power source Spring

6.3 Data Available

- a) Ordinary From 01-May-92 to
- b) Recorder ... From 09-Jul-92 to
- c)..... From to
- d)..... Fron to
- e)..... From to
- f)..... From to
- g)..... Fron to
- h)..... From to
- i)..... From to

7 CONDITION OF STATION AT PRESENT

7.1 Date of latest inspection

Nov. ,1992

7.2 Site

- 7.2.1 Location (X)O.K. ()need shifting
- 7.2.2 Others

7.3 Condition of station

- 7.3.1 Approach track (X)O.K. ()needs what
- 7.3.2 Structure (X)O.K. ()needs what
(fence, foundation)
- 7.3.3 Instrument (X)O.K. ()needs what
- 7.3.4 Others

7.4 Others

8 ATTACHMENT

8.1 Location Map

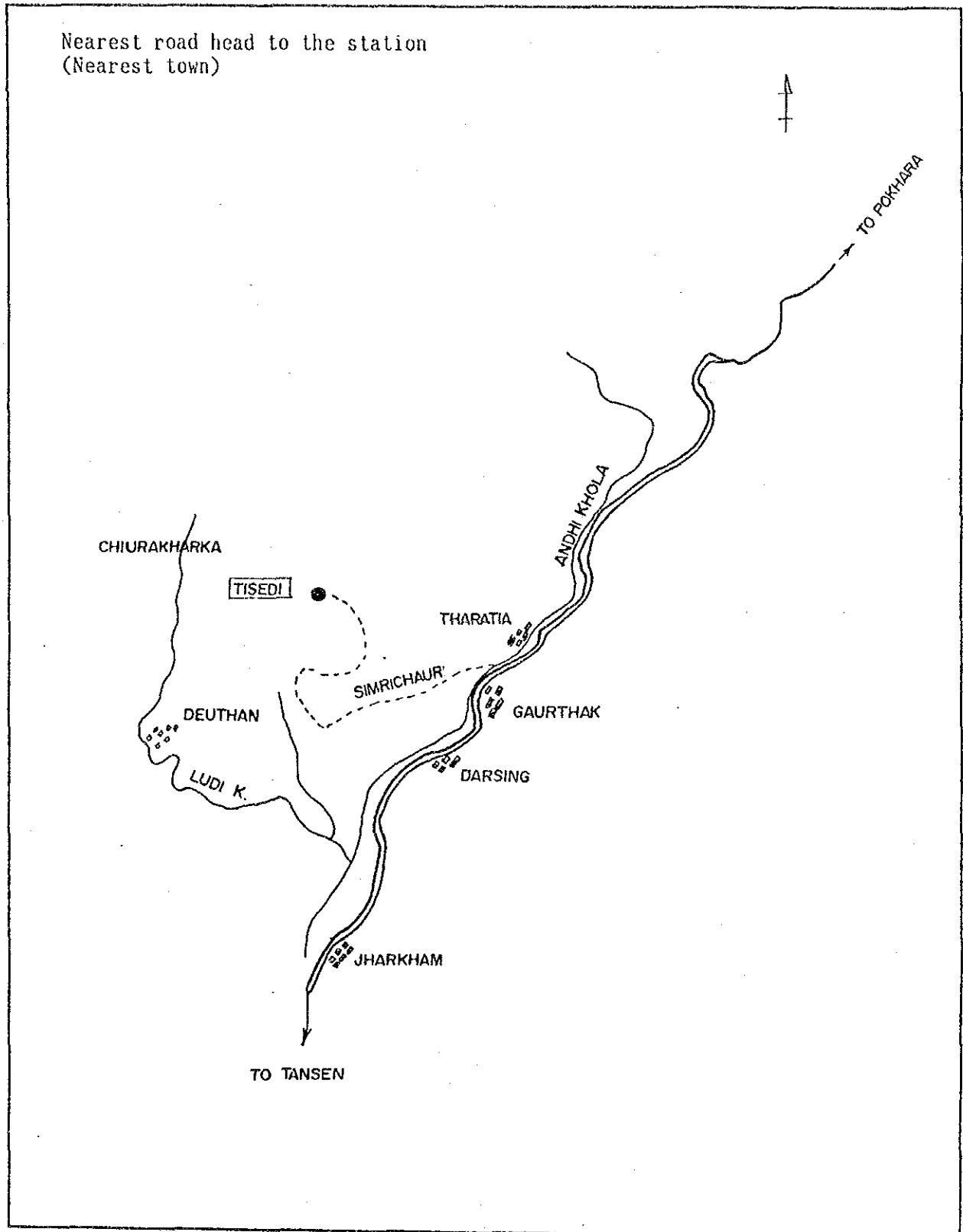
8.2 Photograph

LOCATION MAP (1/2)

STATION NAME : 0831 Tisedi

DATE :

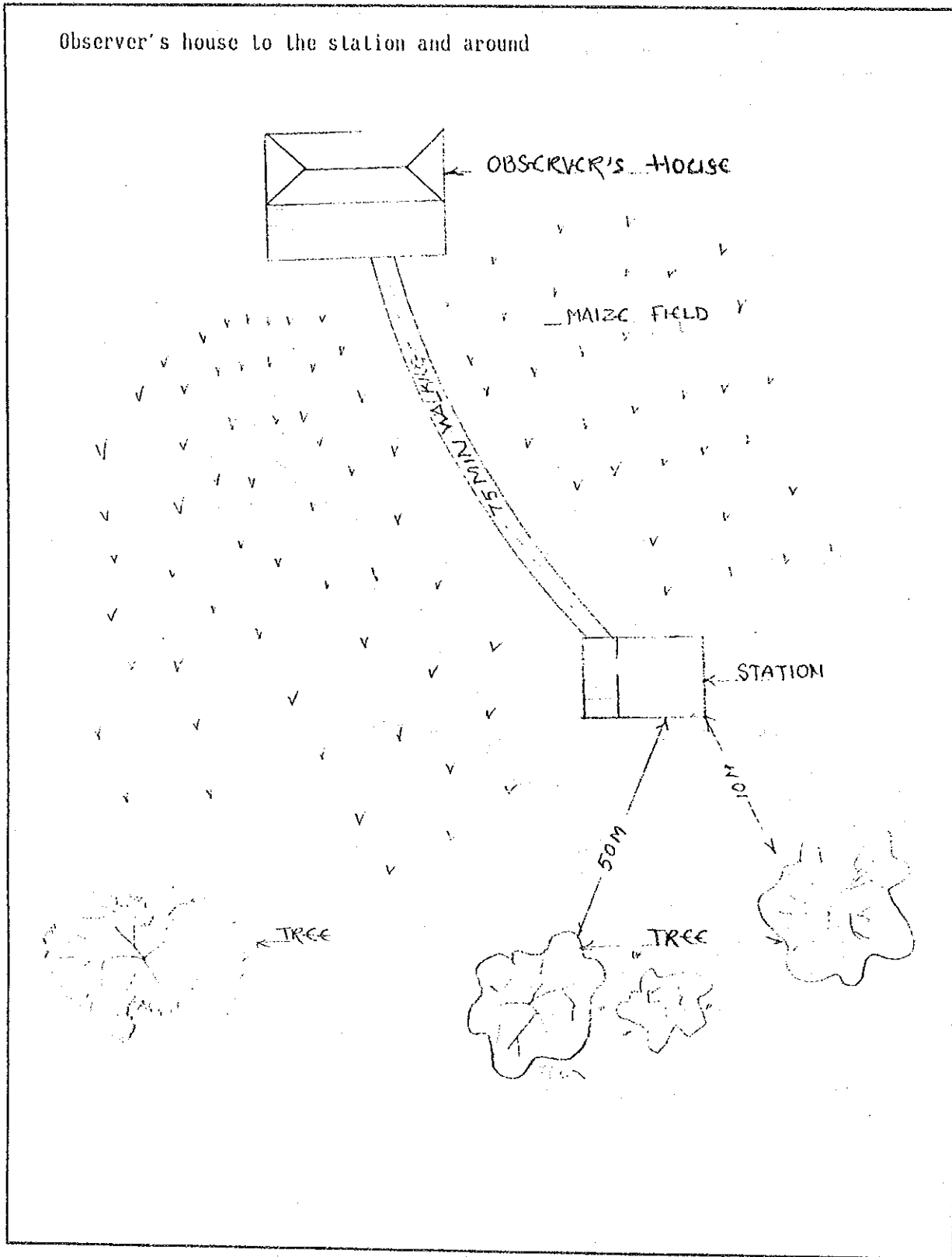
INSPECTOR : C.M. Pahari



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

LOCATION MAP (2/2)

STATION NAME : 0831 Tisedi
DATE :
INSPECTOR : C.M. Pahari



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 925
 1.2 Name of station Kolbhi
 1.3 Type of station Precipitation
 1.4 Basin name Jamsi river

2 LOCATION

2.1 Latitude
 Longitude
 2.2 Altitude (A.M.S.L.) 109 m
 2.3 Region Central
 2.4 Zone Narayani
 2.5 District Bara
 2.6 Name of village Kolbhi
 2.7 Name of nearest village Niggad Bazar
 2.8 Name of nearest town/bazar
 2.9 Nearest Post office Kolbhi
 Distance of Nearest Post office
 2.10 Nearest Telephone office Kalaiya
 Distance of Nearest Telephone office

3 HISTORY

3.1 Date of establishment 01-Apr-92 Recorder : 27-May-92
 3.2 Name of establishment party DRW & JICA
 3.3 Date of upgrading
 3.4 Name of upgrading party
 3.5 Frequency of observation 1 time/ 8:45 AM
 3.6 Data available
 3.7 Closing date
 3.8 Reason of closing
 3.9 Maximum daily Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Sinura
 4.2 Nearest road-head Niggad (paved road)
 4.3 Direction and walking distance from the nearest road-head to the station (route description)
 15km from Niggad(Tamagari gate) to the station
 (about 20 min by vehicle)

5 OBSERVER

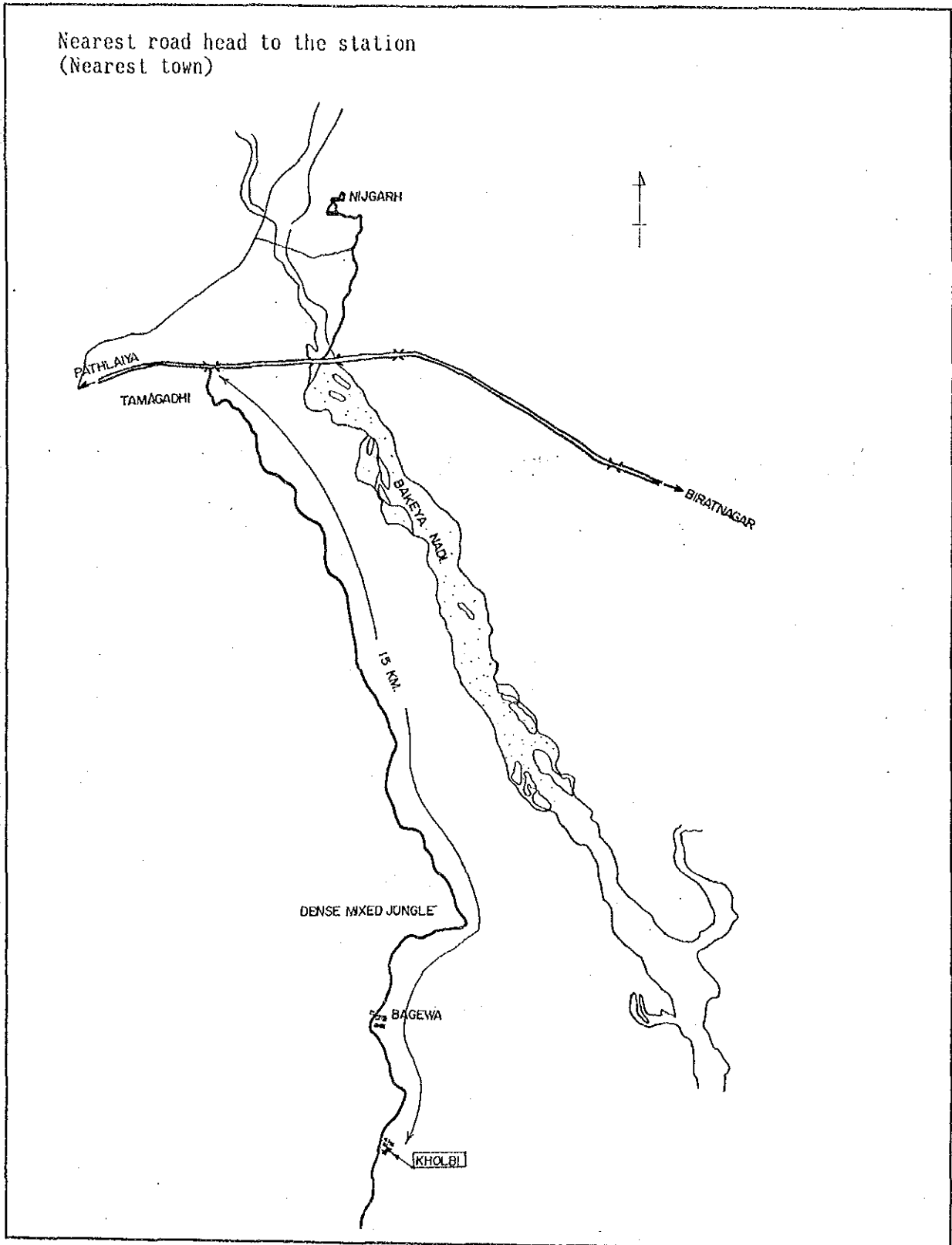
5.1 Name Miss Bhagabati Neupane
 5.2 Address Kolbi Bazar, Ward NO.1
 5.3 Date of employment 01-Apr-92
 5.4 Qualification 7 class
 5.5 Main occupation Student
 5.6 Distance from the residence of observer 1 min walking to the station
 5.7 Name and address of alternate observer Mr. Chudamani Neupane
 5.8 Name and address of former observer Kolbi Bazar, Ward NO.1

LOCATION MAP (1/2)

STATION NAME : 0923 Kolbhi

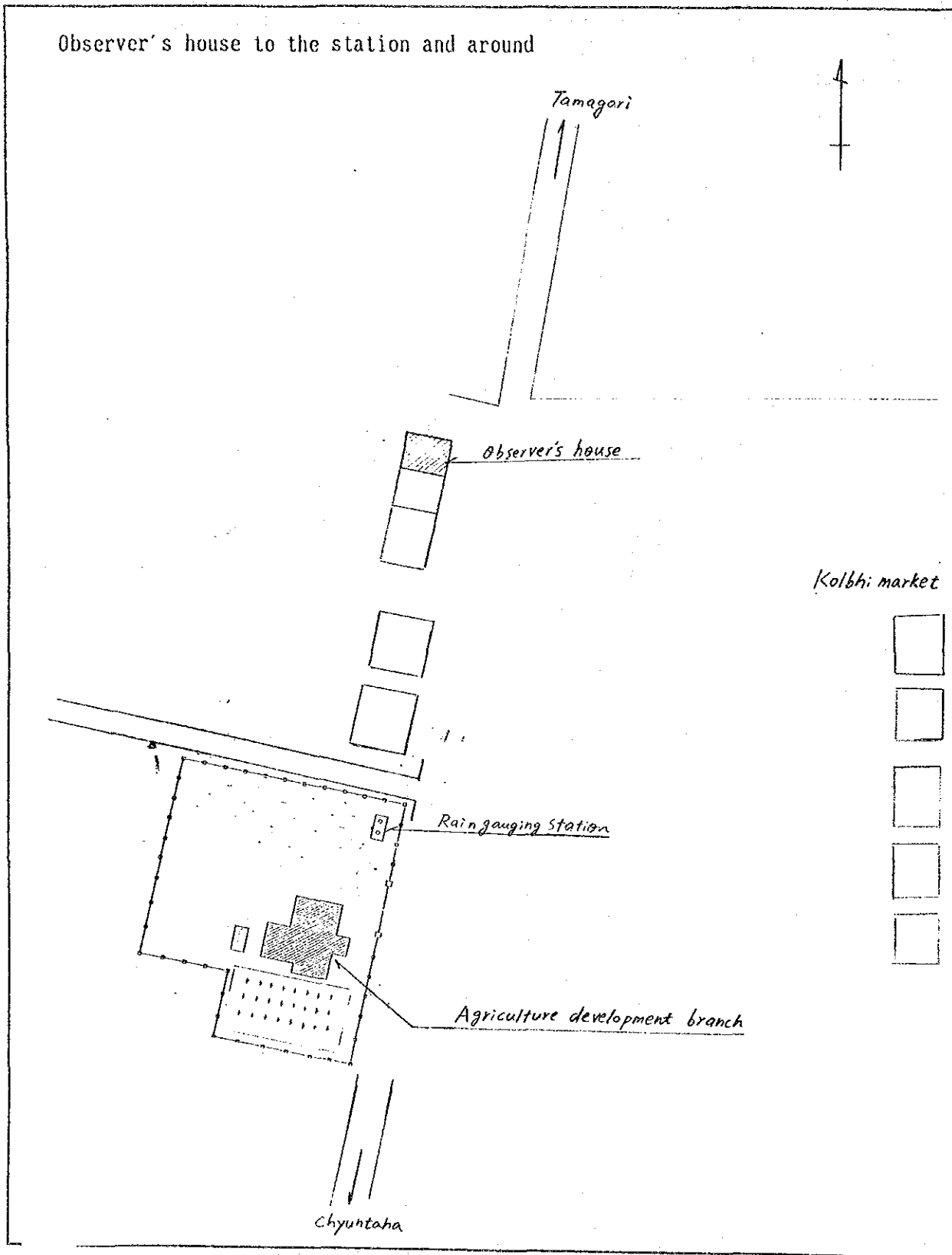
DATE :

INSPECTOR : T.R. Shukya



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 0923 Kolbhi
DATE :
INSPECTOR : T.R. Shakya



STATION DESCRIPTION INVENTORY (METEOROLOGY)

1 STATION IDENTIFICATION

1.1 Station number 924
 1.2 Name of station Chiutaha
 1.3 Type of station Precipitation
 1.4 Basin name Jamni river

2 LOCATION

2.1 Latitude
 Longitude
 2.2 Altitude (A.M.S.L.) 36 m
 2.3 Region Central
 2.4 Zone Narayani
 2.5 District Bara
 2.6 Name of village Chyuntaha
 2.7 Name of nearest village Kalaiya
 2.8 Name of nearest town/bazar Birganj
 2.9 Nearest Post office
 Distance of Nearest Post office
 2.10 Nearest Telephone office Birganj
 Distance of Nearest Telephone office 1 hr by vehicle

3 HISTORY

3.1 Date of establishment 01-Apr-92 Recorder : 27-May-92
 3.2 Name of establishment party DHM & JICA
 3.3 Date of upgrading
 3.4 Name of upgrading party
 3.5 Frequency of observation 1 time; 8:45 AM
 3.6 Data available
 3.7 Closing date
 3.8 Reason of closing
 3.9 Maximum dairy Rainfall during period of observation

4 ACCESSIBILITY

4.1 Nearest airport Sinra
 4.2 Nearest road-head Kalaiya (paved road)
 4.3 Direction and walking distance from the nearest road-head to the station (route description)
 about 15km from Kalaiya to the station(about 1 hr by vehicle).

5 OBSERVER

5.1 Name Mr. Manau Dass
 5.2 Address Chiuntaha
 5.3 Date of employment 01-Apr-92
 5.4 Qualification Class 7
 5.5 Main occupation Agriculture
 5.6 Distance from the residence of observer 3 min. walking to the station
 5.7 Name and address of alternate observer
 5.8 Name and address of former observer

6 INSTRUMENTS

- 6.1 Ordinary rain gauge
 - a) Manufacture Name Nepalese Factory
 - b) Type US Standard type (20cm dia.)
 - c) Hight of Instrument 1.1 m
- 6.2 Recording rain gauge
 - a) Manufacture Name Belfort, USA
 - b) Type Weighing type (8inch dia.)
 - c) Model NO. 5-789 300mm Dual-traverse
 - d) Recorder Number NO. 92936
 - Chart drive Number B27240
 - e) Recording Strip Chart 192 hrs/rev (5-4046-MM)
 - f) Height of Instrument 1.1 m
 - g) Manufacture date Mar-92
 - h) Power source Spring
- 6.3 Avairable data
 - a) Ordinary From 01-Apr-92 to
 - b) Recorder From 09-Jun-92 to
 - c)..... From to
 - d)..... From to
 - e)..... From to
 - f)..... From to
 - g)..... From to
 - h)..... From to
 - i)..... From to

7 CONDITION OF STATION AT PRESENT

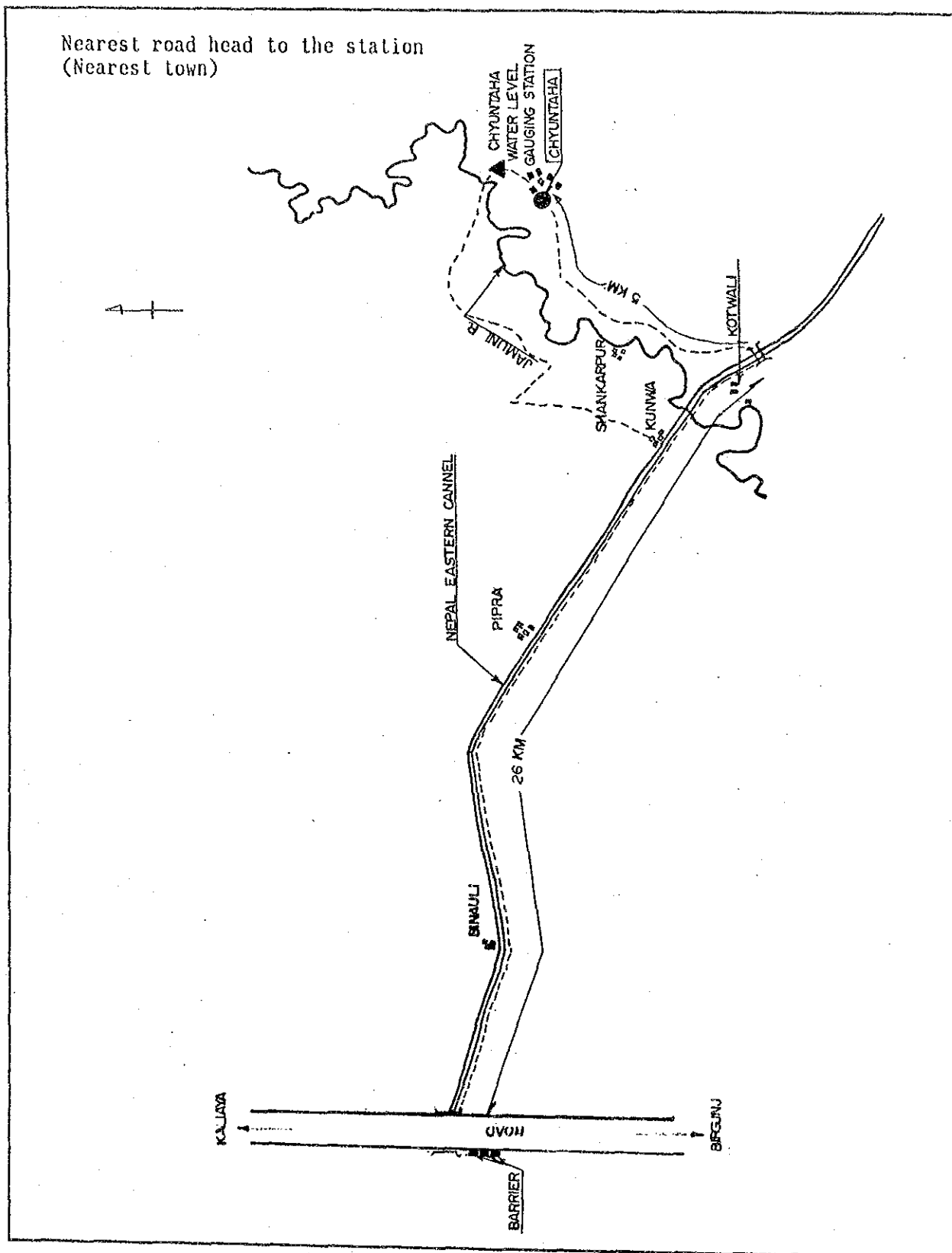
- 7.1 Date of latest Inspection Oct.31.1992
- 7.2 Site
 - 7.2.1 Location (X)O.K. ()need shifting
 - 7.2.2 Others
- 7.3 Condition of station
 - 7.3.1 Approach track (X)O.K. ()needs what
 - 7.3.2 Structure (X)O.K. ()needs what
 - (fence, foundation)
 - 7.3.3 Instrument (X)O.K. ()needs what
 - 7.3.4 Others
- 7.4 Others

8 ATTACHMENT

- 8.1 Location Map
- 8.2 Photograph

LOCATION MAP (1/2)

STATION NAME : 0924 Chyuntaha
DATE :
INSPECTOR : T.R. Shakya

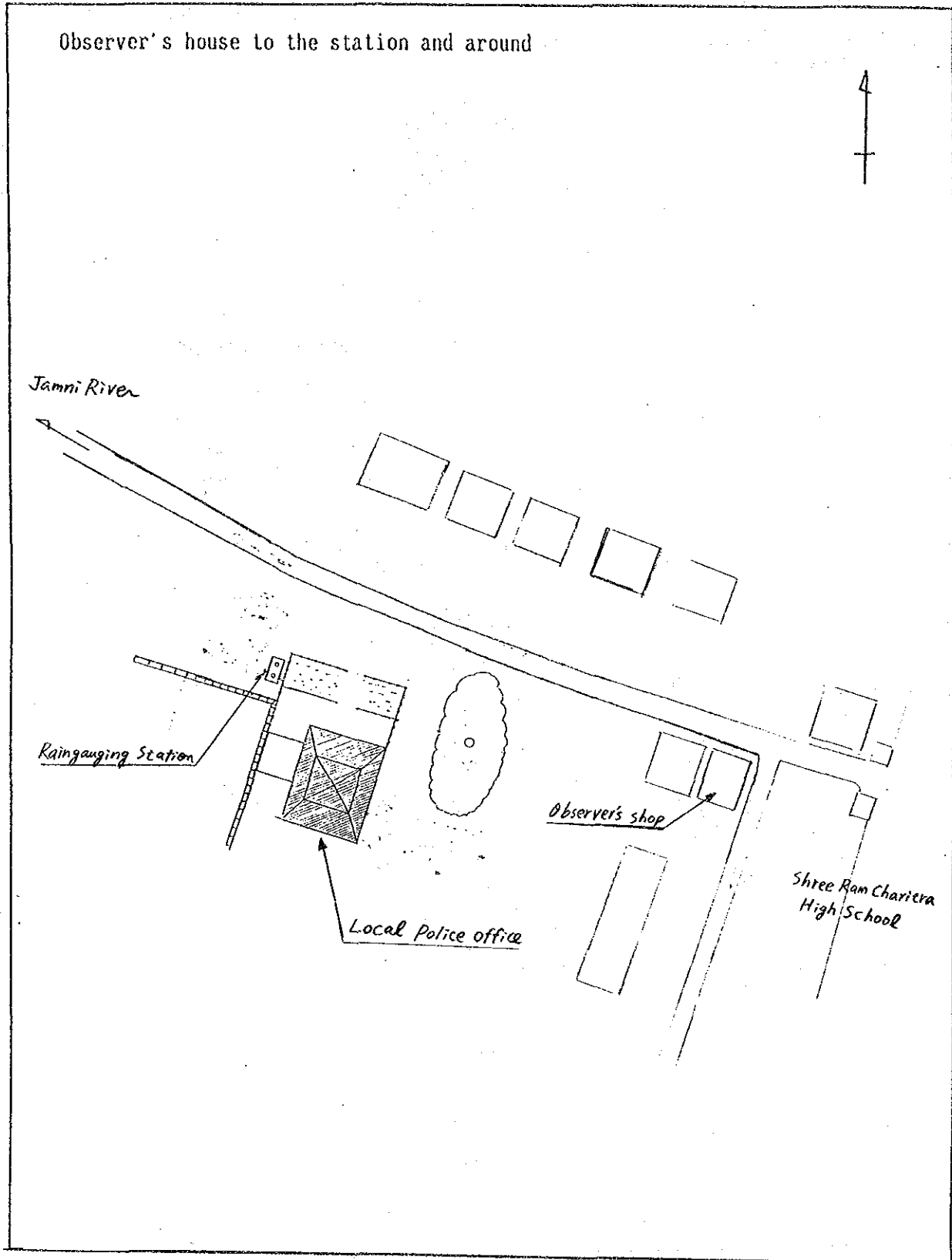


NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 0924 Chyuntaha

DATE :

INSPECTOR : T.R.Shakya



STATION DESCRIPTION INVENTORY (HYDROLOGICAL)

1 STATION IDENTIFICATION

1.1 Station number 403.5
 1.2 Name of station Tatopani
 1.3 Name of river/stream Kali Gandaki
 1.4 Type of station (X)regular ()partial
 1.5 Catchment area 3,690 km²
 1.6 Basin name Kali Gandaki
 1.7 Observation itea (X)staff gauge (X)recording gauge
 (X)cable way (X)sediment
 ()water quality

2 LOCATION

2.1 Latitude
 Longitude
 2.2 Altitude (A.M.S.L.) 1,239 m
 2.3 Region Western
 2.4 Zone Dauragiri
 2.5 District Nyangi
 2.6 Name of village Bhurung Tatopani
 2.7 Name of nearest village Bhurung Tatopani
 2.8 Name of nearest town/bazar Beni
 2.9 Nearest Post office Bhurung Tatopani
 Distance to the nearest post office 10min walking distance
 2.10 Nearest Telephon office Beni
 Distance to the nearest telephone office 6hrs walking distance

3 HISTORY

3.1 Date of establishment 23-Mar-92
 3.2 Name of establishment party DNM & JICA
 3.3 Date of upgrading
 i) With cable way
 ii) With recorder
 iii) With sediment sampler
 3.4 Name of upgrading party
 i) With cable way
 ii) With recorder
 iii) With sediment sampler
 3.5 Frequency of observation
 i) Staff gauge 3 per day/8,12,16
 ii) Sediment collection per day
 iii) Recording chart change 1 per week
 3.6 Data available
 i) Staff gauge from 20-Apr-92 to
 ii) Recorder from 03-Jun-92 to
 iii) Sediment from to
 3.7 If applicable, location of previous sites
 i) from to
 ii) from to

3.8 Closing date
i) Staff gauge /open
ii) Recorder /open
iii) Sediment /open

3.9 Reason of closing
i) Staff gauge
ii) Recorder
iii) Sediment

3.10 Exitree water levels observed during period of operation
i) Highest
ii) Lowest

4 ACCESSIBILITY

4.1 Nearest airport Balawa
4.2 Nearest road-head Baglung
4.3 Direction and walking distance from the nearest road
head to the station (route description)
Baglung->Beni->Tatopani
9hrs walking distance

5 OBSERVER

5.1 Gauge reader

5.1.1 Name of gauge reader Mr.Judda Narayan Gauchan
5.1.2 Address of gauge reader Bhurung Tatopani Ward no.9
5.1.3 Date of employment July ,1992
5.1.4 Qualification SLC
5.1.5 Main occupation Shop owner
5.1.6 Distance from the residence of 10min walking
the gauge reader to the station distance
5.1.7 Name of alternate reader Mr.Kesar Hirachan
Address of the reader Bhurung Tatopani Ward no.9
5.1.8 Name of former reader
Address of the reader
5.1.9 Others

5.2 Sediment sample collector

5.2.1 Name of collector
5.2.2 Address of collector
5.2.3 Date of employment
5.2.4 Qualification
5.2.5 Main occupation
5.2.6 Distance from the residence of
the sample collector to the station
5.2.7 Name of alter. collector
Address of the collector
5.2.8 Name of former collector
Address of the collector
5.2.9 Others

6 INSTRUMENTS

6.1 Staff gauge

- 6.1.1 Total height 8 m
Elevation of 0 m 1239.2 m
- 6.1.2 Attachment () posts () gauge well
(X) rock () bridge
() masonry wall
() abutment () others

6.2 Gauge well

- 6.2.1 Gauge well
- a) Type
 - b) Structure
 - c) Dimension height/diameter
 - d) Others if any

6.2.2 Recorder

- a) Manufacture name
- b) Type
- c) Model
- d) Recorder number
- e) Pulley size
- f) Is pulley connected () directly () through gear
- g) Type of chart used
- h) Manufacture date
- i) Power source
- j) Condition of recorder
- k) Others if any

6.2.3 Intake pipes

- a) Number of intake pipes
- b) Flushing arrangements
- c) Condition of intake pipes

6.3 Pressure gauge

6.3.1 Sensor

- a) Manufacture name Seba, Germany
- b) Type Piezoersisitive pressure transducer
- c) Model Type DS
- d) Sensor number (NO. 1177)
- e) Range of sensor 10 m
- f) Manufacture date Jan-92
- g) Power source 9 V battery
- h) Condition of sensor
- i) Others if any

- Sensor (NO.1177) was washed away on Aug.1,1992

6.3.2 Recorder

- a) Manufacture name Seba, Germany
- b) Type Drum rotation
- c) Model Horizontal recorder XI-S
- d) Recorder number NO. 2188
- e) Type of chart used 8 days
- f) Manufacture date Jan-92
- g) Power source
- h) Condition of recorder
- i) Others if any

6.4 Cable way

6.4.1 General

- a) type of cable way Bank operating
- b) Span of cable way 87 m

6.4.2 Winch

- a) Type of winch 100 kg Mechanical Double-drum winch
- b) Manufacture of winch A.OTT, Germany
- c) Model of winch 15.460.002.1.0
- d) Winch number NO. 114052
- e) Manufacture data Dec-91
- f) Condition of winch
- g) Others if any
 - 100 kg Middle piece (Weight)

6.4.3 Cable car

- a) Type of cable car sitting standing
- b) Movement by Powered Manual
- c) Method of movement by cable single-drum winch
 double-drum winch (bank operating)
 powered winch
- d) Condition of cable car

6.4.4 Others

- a) Size of main cable 15 mm dia.
- b) Condition of main cable
- c) Size of traction/tow cable 6 mm dia.
- d) Condition of traction/tow cable
- e) Condition of cable marking
- f) Cable support left bank tower anchor block
right bank tower anchor block
- g) Type and height of tower Steel beam, 2.55m

6.5 Others

- allowable sag $L/70 = 1.24m$
- Measurement of Cable sag
 - Date : March 22, 1992
 - after stretching : 0.53m
 - 100kg loading(max): 1.55m
 - after loading : 0.61m

7 CONDITION OF STATION AT PRESENT

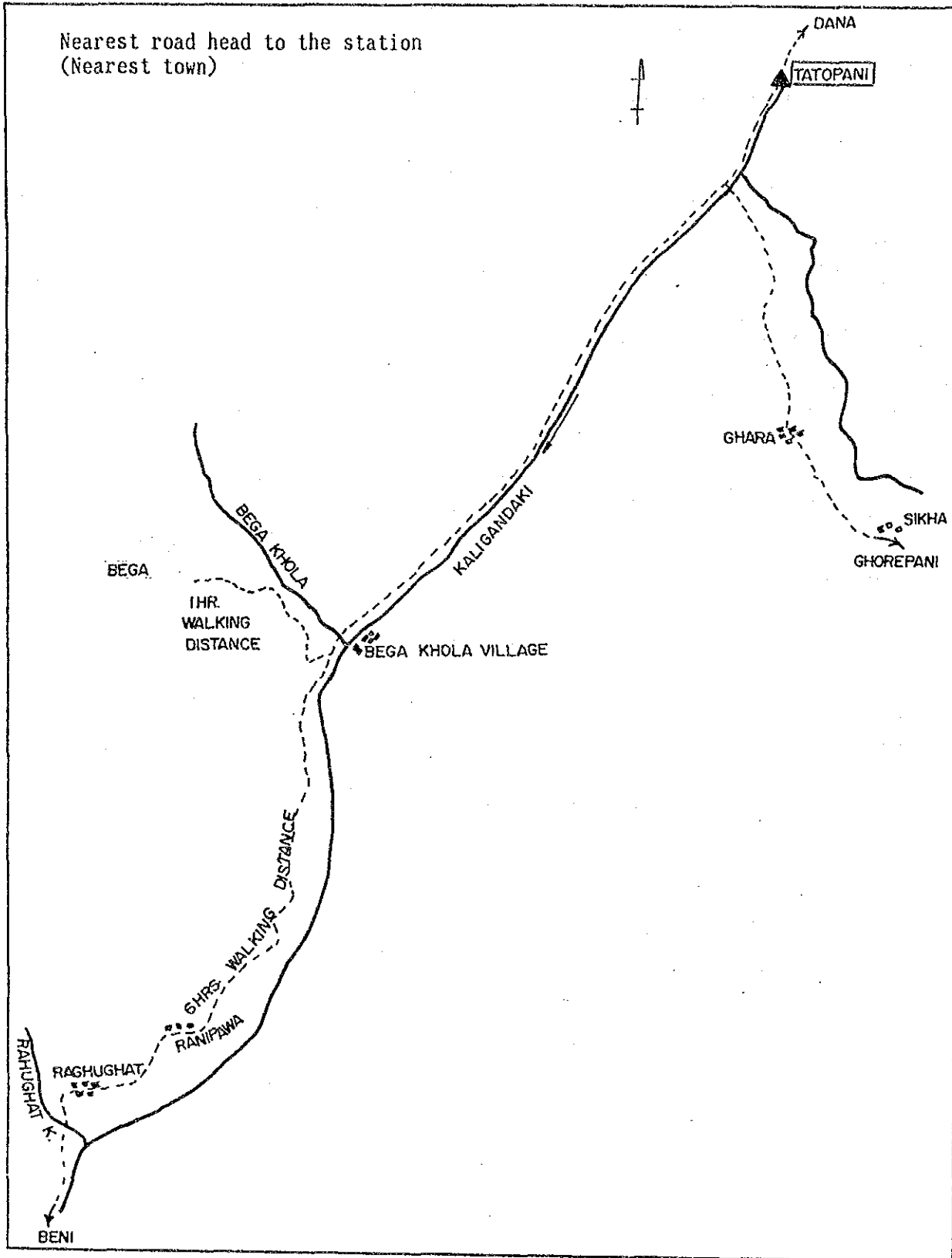
7.1 Date of latest inspection	Oct.15,1992		
7.2 Site			
7.1.1 Location	(X)O.K.	()need shifting	
7.1.2 Others			
7.3 Condition of approach track	(X)O.K.	()needs what	
7.4 Staff gauge and its structure	()O.K.	(X)needs what	
7.5 Gauge well			
7.5.1 Structure	()O.K.	()needs what	
7.5.2 Silt clearance	()O.K.	()needs what	
7.5.3 Recorder	()O.K.	()needs what	
7.6 Pressure gauge			
7.6.1 Structure	()O.K.	(X)needs what	
7.6.2 Sensor	()O.K.	(X)needs what	
7.5.3 Recorder	(X)O.K.	()needs what	
7.7 Cable way			
7.7.1 Winch	(X)O.K.	()needs what	
7.7.2 Anchor blocks			
Right	(X)O.K.	()needs what	
Left	(X)O.K.	()needs what	
7.7.3 Others(Cable wire & car)	(X)O.K.	()needs what	
7.8 Others			

LOCATION MAP (1/2)

STATION NAME : 403.5 Tatopani

DATE :

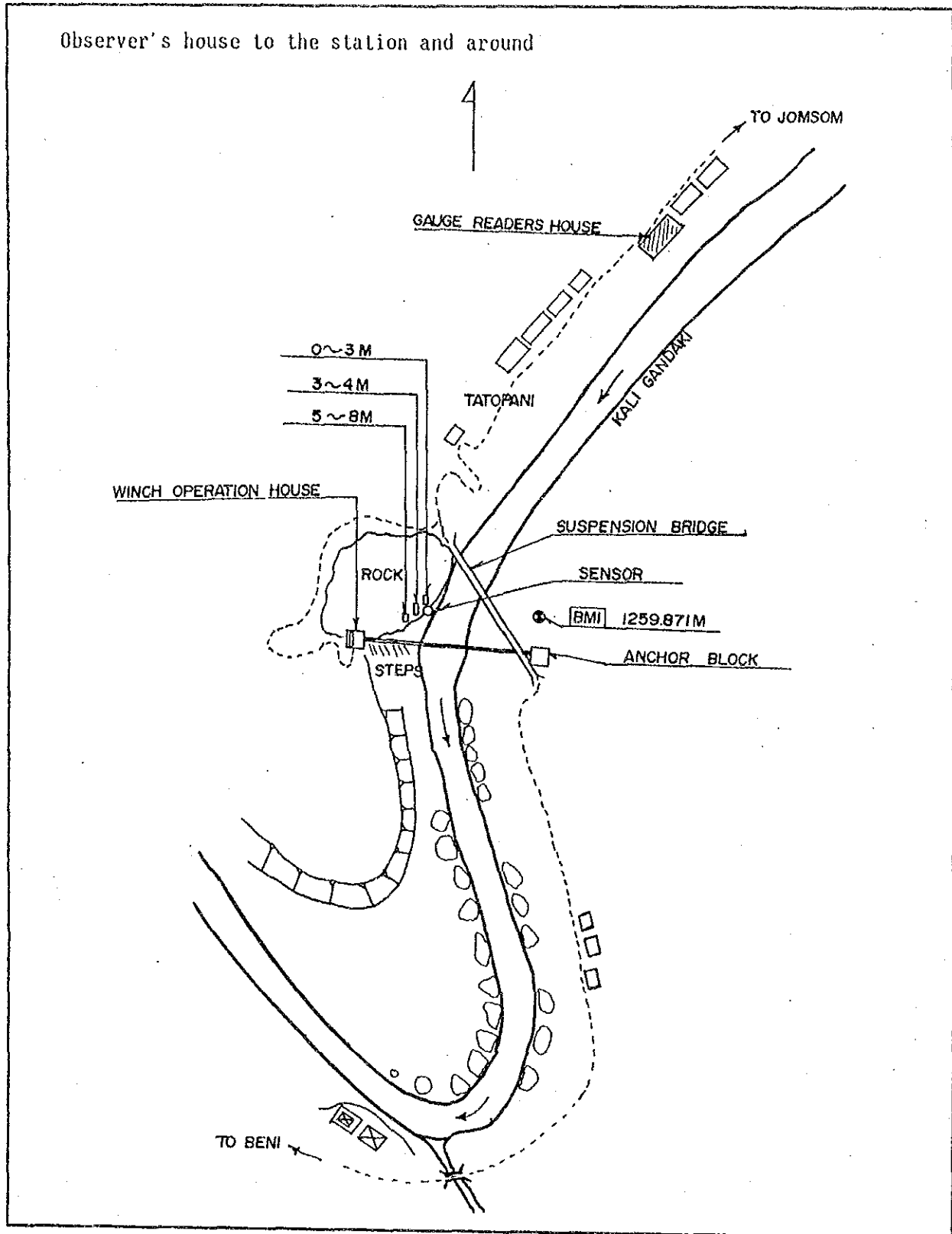
INSPECTOR : DHM & JICA



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

LOCATION MAP (2/2)

STATION NAME : 403.5 Tatopani
DATE :
INSPECTOR : S.B.Prajapati



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION DESCRIPTION INVENTORY (HYDROLOGICAL)

1 STATION IDENTIFICATION

1.1 Station number 406
 1.2 Name of station Kalleri
 1.3 Name of river/stream Kali Gandaki
 1.4 Type of station (X)regular ()partial
 1.5 Catchment area 5,600 km²
 1.6 Basin name Kali Gandaki
 1.7 Observation item (X)staff gauge (X)recording gauge
 (X)cable way ()sediment
 ()water quality

2 LOCATION

2.1 Latitude
 Longitude
 2.2 Altitude (A.M.S.L.) 667 m
 2.3 Region Western
 2.4 Zone Dhawalagiry
 2.5 District Parvat
 2.6 Name of village Kalleri
 2.7 Name of nearest village Kushma
 2.8 Name of nearest town/bazar Pokhara
 2.9 Nearest Post office Kushma
 Distance to nearest post office 30 min walking
 2.10 Nearest telephone office Kushma
 Distance to nearest telephone office 30 min walking

3 HISTORY

3.1 Date of establishment 15-Mar-92
 3.2 Name of establishment party DHM and JICA
 3.3 Date of upgrading
 i) With cable way
 ii) With recorder
 iii) With sediment sampler
 3.4 Name of upgrading party
 i) With cable way
 ii) With recorder
 iii) With sediment sampler
 3.5 Frequency of observation
 i) Staff gauge 3 per day/8,12,17
 ii) Sediment collection per day
 iii) Recording chart change 1 per week
 3.6 Data available
 i) Staff gauge from 15-Mar-92 to
 ii) Recorder from 16-Mar-92 to
 iii) Sediment from to
 3.7 If applicable, location of previous sites
 i) from to
 ii) from to

3.8 Closing date
i) Staff gauge /open
ii) Recorder /open
iii) Sediment /open

3.9 Reason of closing
i) Staff gauge
ii) Recorder
iii) Sediment

3.10 Exitree water levels observed during period of operation
i) Highest
ii) Lowest

4 ACCESSIBILITY

4.1 Nearest airport Balewa
4.2 Nearest road-head Baglong
4.3 Direction and walking distance from the nearest road
head to the station (route description)
40 min walking from Baglong road head

5 OBSERVER

5.1 Gauge reader

5.1.1 Name of gauge reader Mr. Krishna Bahadur Subedi
5.1.2 Address of the reader Siwalae Ward NO.5, Kalleri, Parvat
5.1.3 Date of employment
5.1.4 Qualification 8 class
5.1.5 Main occupation Government Employee
5.1.6 Distance from the residence of 5min
the gauge reader to the station walking distance
5.1.7 Name of alternate reader Mr. Binod Subedi (his son)
Address of the reader Siwalae Ward NO.5, Kalleri, Parvat
5.1.8 Name of former reader
Address of the reader
5.1.9 Others
Office work : 10 AM to 17 PM
School : 10 AM to 16 PM

5.2 Sediment sample collector

5.2.1 Name of collector
5.2.2 Address of collector
5.2.3 Date of employment
5.2.4 Qualification
5.2.5 Main occupation
5.2.6 Distance from the residence of
the sample collector to the station
5.2.7 Name of alter. collector
Address of the collector
5.2.8 Name of former collector
Address of the collector
5.2.9 Others

6 INSTRUMENTS

6.1 Staff gauge

- 6.1.1 Total height 8 m
Elevation of 0m 666.5 m
- 6.1.2 Attachment posts gauge well
 rock bridge
 masonry wall
 abutment others

6.2 Gauge well

- 6.2.1 Gauge well
 - a) Type
 - b) Structure
 - c) Dimension height/diameter
 - d) Others if any

- 6.2.2 Recorder
 - a) Manufacture name
 - b) Type
 - c) Model
 - d) Recorder number
 - e) Pulley size
 - f) Is pulley connected directly through gear
 - g) Type of chart used
 - h) Manufacture date
 - i) Power source
 - j) Condition of recorder
 - k) Others if any

6.2.3 Intake pipes

- a) Number of intake pipes
- b) Flushing arrangements
- c) Condition of intake pipes

6.3 Pressure gauge

- 6.3.1 Sensor
 - a) Manufacture name Seba, Germany
 - b) Type piezoresistive pressure transducer
 - c) Model type DS
 - d) Sensor number NO. 1169
 - e) Range of sensor 10 m
 - f) Manufacture date Jan-92
 - g) Power source
 - h) Condition of sensor
 - i) Others if any
 - Sensor Cable is 40m long

- 6.3.2 Recorder
 - a) Manufacture name Seba, Germany
 - b) Type Data Logger
 - c) Model MDS II
 - d) Recorder number NO. 801185
 - e) Type of chart used C-MOS-RAM 64 Kbyte
 - f) Manufacture date Jan-92
 - g) Power source 10.5 V battery
 - h) Condition of recorder
 - i) Others if any
 - Channel NO.1

Starting Date : March 13, 1992
input Sensor NO.1169
factor A 0.003003
factor B 0.0097 ($=-0.033+1.3$)
cycle 600sec

6.4 Cable way

6.4.1 General

- a) type of cable way Bank operating
- b) Span of cable way 140 m

6.4.2 Winch

- a) Type of winch 100kg Mechanical Double-drum winch
- b) Manufacture of winch A.OPT, Germany
- c) Model of winch 15.460.002.1.0
- d) Winch number NO. 114053,
- e) Manufacture data Dec-91
- f) Condition of winch
- g) Others if any
 - Winch speed : 5-50 cm/sec

6.4.3 Cable car

- a) Type of cable car sitting standing
- b) Movement by Powered Manual
- c) Method of movement by cable single-drum winch
 double-drum winch (bank operating)
 powered winch
- d) Condition of cable car

6.4.4 Others

- a) Size of main cable 15 mm dia.
- b) Condition of main cable (sag L/70)
- c) Size of traction/tow cable 6 mm dia.
- d) Condition of traction/tow cable
- e) Condition of cable marking
- f) Cable support left bank tower/beam anchor block
right bank tower/beam anchor block
- g) Type and height of tower Steel beam, 2.55m

6.5 Others

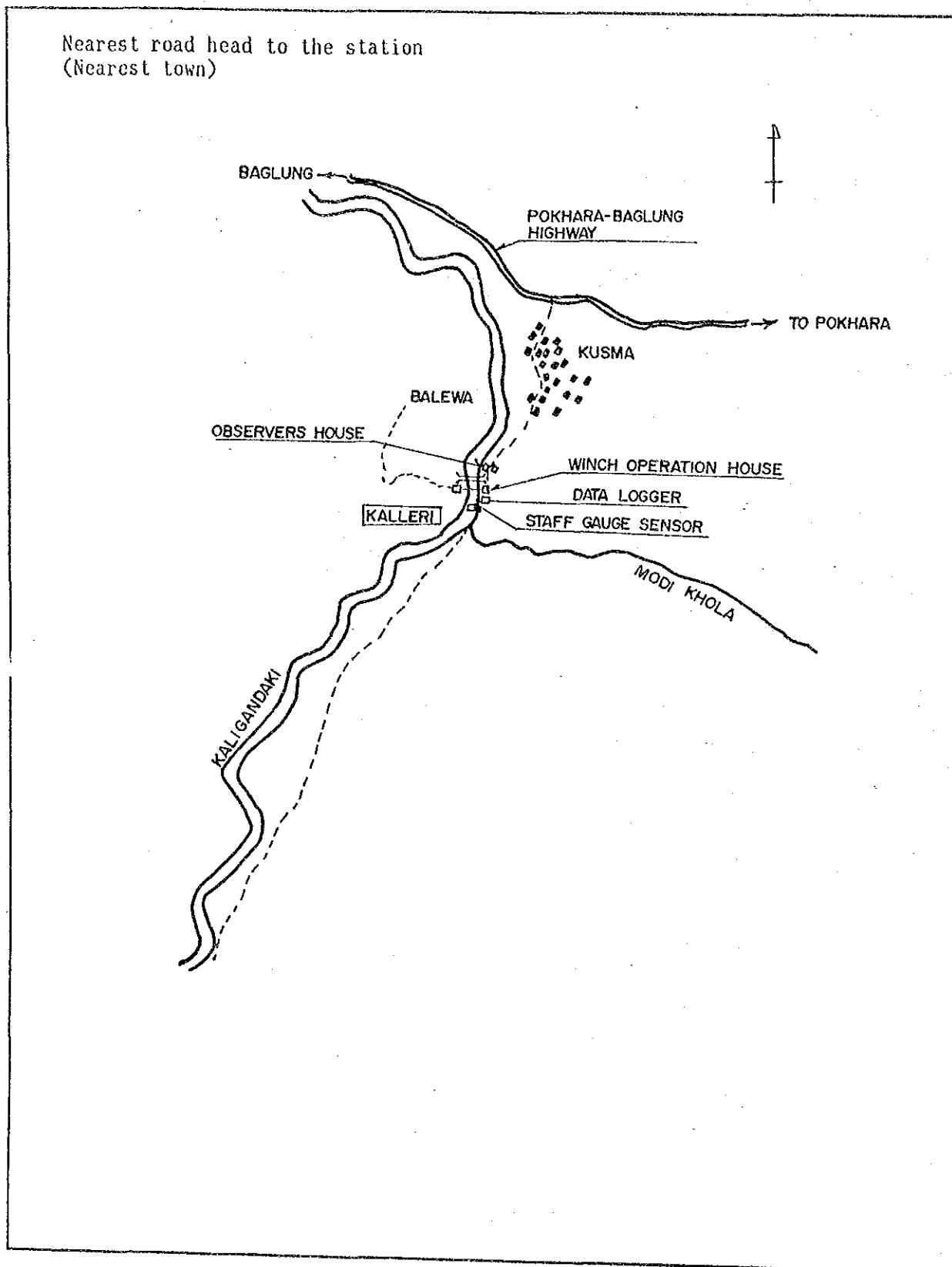
- allowable sag L/70 = 2.00m
- Measurement of Cable sag
 - Date : March 13, 1992
 - after stretching : 1.40m
 - 100kg loading(max): 2.66m
 - after loading : 1.36m

7 CONDITION OF STATION AT PRESENT

7.1 Date of latest inspection	Oct.20,1992		
7.2 Site			
7.1.1 Location	(X)O.K.	()	need shifting
7.1.2 Others			
7.3 Condition of approach track	()O.K.	(X)	needs what
7.4 Staff gauge and its structure	(X)O.K.	()	needs what
7.5 Gauge well			
7.5.1 Structure	()O.K.	()	needs what
7.5.2 Silt clearance	()O.K.	()	needs what
7.5.3 Recorder	()O.K.	()	needs what
7.6 Pressure gauge			
7.6.1 Structure	(X)O.K.	()	needs what
7.6.2 Sensor	(X)O.K.	()	needs what
7.6.3 Recorder	(X)O.K.	()	needs what
7.7 Cable way			
7.7.1 Winch	(X)O.K.	()	needs what
7.7.2 Anchor blocks			
Right	(X)O.K.	()	needs what
Left	(X)O.K.	()	needs what
7.7.3 Others(Cable wire & car)	(X)O.K.	()	needs what
7.8 Others			

LOCATION MAP (1/2)

STATION NAME : 406 Kalleri
DATE :
INSPECTOR : DBM & JICA

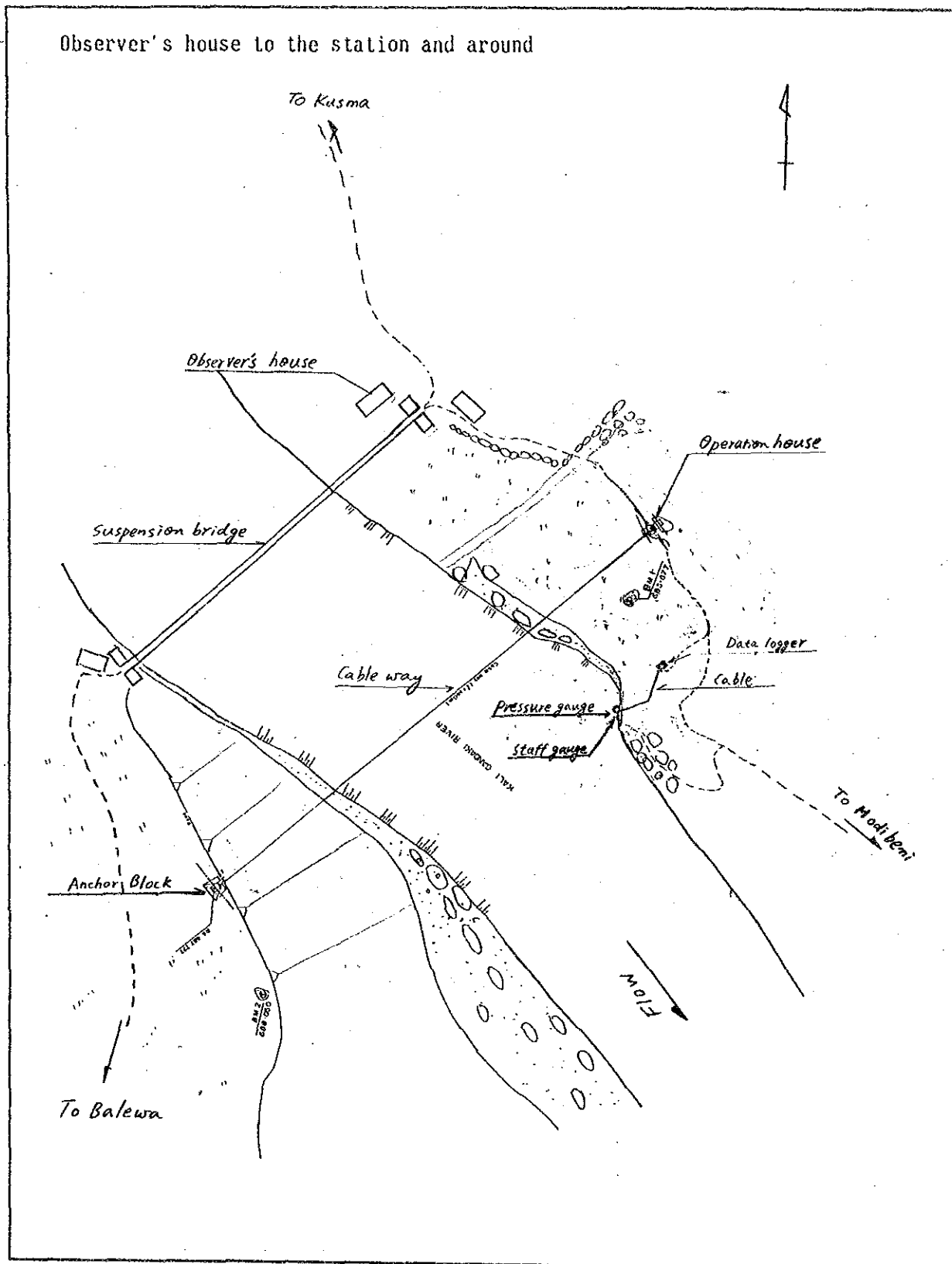


NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 406 Kalleri

DATE :

INSPECTOR : DRM & JICA



STATION DESCRIPTION INVENTORY (HYDROLOGICAL)

1 STATION IDENTIFICATION

1.1 Station number 410
 1.2 Name of station Setibeni
 1.3 Name of river/stream Kali Gandaki
 1.4 Type of station (X)regular ()partial
 1.5 Catchment area 6,630 km²
 1.6 Basin name Kali Gandaki
 1.7 Observation item (X)staff gauge (X)recording gauge
 (X)cable way (X)sediment
 ()water quality

2 LOCATION

2.1 Latitude 28 00'30"
 Longitude 83 36'10"
 2.2 Altitude (A.M.S.L.) 546 m
 2.3 Region Western
 2.4 Zone Gandaki
 2.5 District Syangja
 2.6 Name of village Setibeni
 2.7 Name of nearest village Setibeni
 2.8 Name of nearest town/bazar Galyang bazar
 2.9 Nearest Post office Setibeni
 Distance to nearest post office 500 m
 2.10 Nearest Telephone office Syanja
 Distance to nearest Telephone office

3 HISTORY

3.1 Date of establishment 1964
 3.2 Name of establishment party A.R.Pathak
 3.3 Date of upgrading
 i) With cable way Feb-92
 ii) With recorder 1984 / 17-Mar-92 (pre)
 iii) With sediment sampler 1978
 3.4 Name of upgrading party
 i) With cable way A.R.Pathak
 ii) With recorder J.N.Pradhan / DDM & JICA
 iii) With sediment sampler
 3.5 Frequency of observation
 i) Staff gauge 3 per day/8,12,16
 ii) Sediment collection 1 per day/12
 iii) Recording chart change 1 per week/Monday
 3.6 Data available
 i) Staff gauge from Jan-64 to
 ii) Recorder from 84 to
 iii) Sediment from to
 3.7 If applicable, location of previous sites
 i) from to
 ii) from to

- 3.8 Closing date
- i) Staff gauge /open
 - ii) Recorder /open
 - iii) Sediment /open

- 3.9 Reason of closing
- i) Staff gauge
 - ii) Recorder
 - iii) Sediment

- 3.10 Exitree water levels observed during period of operation
- i) Highest
 - ii) Lowest

4 ACCESSIBILITY

- 4.1 Nearest airport Balawa
- 4.2 Nearest road-head Galyang
- 4.3 Direction and walking distance from the nearest road head to the station (route description)
It takes 4 hours on foot from Galyang to the station.

5 OBSERVER

5.1 Gauge reader

- 5.1.1 Name of gauge reader Mr.Dil Bahadur Acharya Cheetri
- 5.1.2 Address of gauge reader Jogaynara, setibeni
- 5.1.3 Date of employment
- 5.1.4 Qualification literate
- 5.1.5 Main occupation Agriculture
- 5.1.6 Distance from the residence of 3 min walking
the gauge reader to the station
- 5.1.7 Name of alternate reader Mr.Tara Bahadur Cheetri (his son)
Address of the reader Jogaynara, setibeni
- 5.1.8 Name of former reader
Address of the reader
- 5.1.9 Others

5.2 Sediment sample collector

- 5.2.1 Name of collector Mr.Dil Bahadur Acharya Cheetri
- 5.2.2 Address of collector Jogaynara, setibeni
- 5.2.3 Date of employment
- 5.2.4 Qualification literate
- 5.2.5 Main occupation Agriculture
- 5.2.6 Distance from the residence of 3 min walk
the sample collector to the station
- 5.2.7 Name of alter. collector Mr.Tara Bahadur Cheetri (his son)
Address of the collector
- 5.2.8 Name of former collector
Address of the collector
- 5.2.9 Others

6 INSTRUMENTS

6.1 Staff gauge

- 6.1.1 Total height 10 m
Elevation of 0m of gauge 525.1 m
- 6.1.2 Attachment () posts (X) gauge well
(X) rock () bridge
() masonry wall
() abutment () others

6.2 Gauge well

6.2.1 Gauge well

- a) Type
b) Structure Reinforcement Concrete
c) Dimension height/diameter
d) Others if any

6.2.2 Recorder

- a) Manufacture name Leopold and Stevens, USA
b) Type Floating-type
c) Model A Model 71
d) Recorder number
e) Pulley size 25 cm dia.
f) Is pulley connected (X) directly () through gear
g) Type of chart used A 25 strip chart (1 year)
h) Manufacture date
i) Power source
j) Condition of recorder
k) Others if any

6.2.3 Intake pipes

- a) Number of intake pipes 3
b) Flushing arrangements yes
c) Condition of intake pipes blockage by sediment load
every monsoon season

6.3 Pressure gauge

6.3.1 Sensor

- a) Manufacture name Seba, Germany
b) Type piezoresistive pressure transducer
c) Model Type DS
d) Sensor number NO. 1198
e) Range of sensor 10 m
f) Manufacture date Jan-92
g) Power source
h) Condition of sensor
i) Others if any
- Sensor Cable is 70m long

6.3.2 Recorder

- a) Manufacture name Seba, Germany
b) Type Drum rotation
c) Model Horizontal recorder XI-S
d) Recorder number 40.2187
e) Type of chart used 8 days (32 days available)
f) Manufacture date Jan-92
g) Power source 9 V Battery
h) Condition of recorder
i) Others if any
- 6-1.5V baby cell for sensor

6.4 Cable way

6.4.1 General

- a) type of cable way Cable car
- b) Span of cable way

6.4.2 Winch

- a) Type of winch Single-drum winch
- b) Manufacture of winch Nepalese factory
- c) Model of winch
- d) Winch number
- e) Manufacture date
- f) Condition of winch
- g) Others if any

6.4.3 Cable way

- a) Type of cable car sitting standing
- b) Movement by Powered Manual
- c) Method of movement by cable single-drum winch
double-drum winch(bank operating
powered winch
- d) Condition of cable way

6.4.4 Others

- a) Size of main cable 19 mm dia.
- b) Condition of main cable
- c) Size of traction/tow cable mm dia.
- d) Condition of traction/tow cable
- e) Condition of cable marking
- f) Cable support left bank tower anchor block
right bank tower anchor block
- g) Type and height of tower

6.5 Others

- Two(2) staff gauge sections for float measurement and slope-area measurement are installed in down-stream of gauge well

- (a) At gauge well (standard staff gauge)
elevation of staff gauge 0m is EL.525.1m (total 10m)
- (b) At Section A (upstream staff gauge)
elevation of staff gauge 0m is EL.525.4m (total 9m)
- (c) At Section B (downstream staff gauge)
elevation of staff gauge 0m is EL.524.6m (total 9m)

Distance : gauge well - Section A L=59.5m
Section A - Section B L=138.02m

7 CONDITION OF STATION AT PRESENT

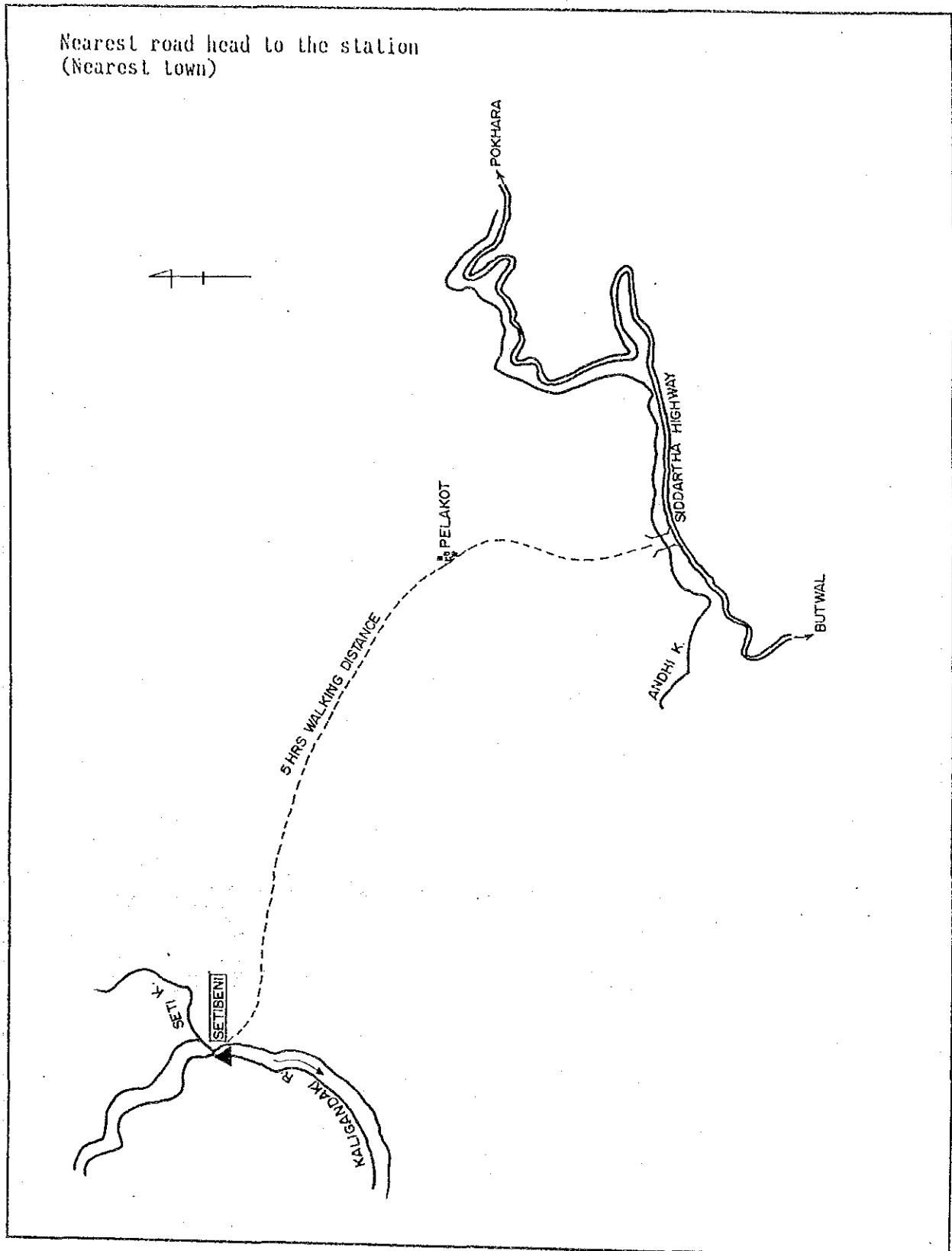
7.1 Date of latest Inspection	Oct.18,1992		
7.2 Site			
7.1.1 Location	(X)O.K.	()	need shifting
7.1.2 Others			
7.3 Condition of approach track	(X)O.K.	()	needs what
7.4 Staff gauge and its structure	(X)O.K.	()	needs what
7.5 Gauge well			
7.5.1 Structure	(X)O.K.	()	needs what
7.5.2 Silt clearance	()O.K.	(X)	needs what
7.5.3 Recorder	(X)O.K.	()	needs what
7.6 Pressure gauge			
7.6.1 Structure	(X)O.K.	()	needs what
7.6.2 Sensor	(X)O.K.	()	needs what
7.6.3 Recorder	(X)O.K.	()	needs what
7.7 Cable way			
7.7.1 Winch	(X)O.K.	()	needs what
7.7.2 Anchor blocks			
Right	(X)O.K.	()	needs what
Left	(X)O.K.	()	needs what
7.7.3 Others(Cable wire & car)	(X)O.K.	()	needs what
7.8 Others			

LOCATION MAP (1/2)

STATION NAME : 410 Setibani

DATE :

INSPECTOR : DHM & JICA

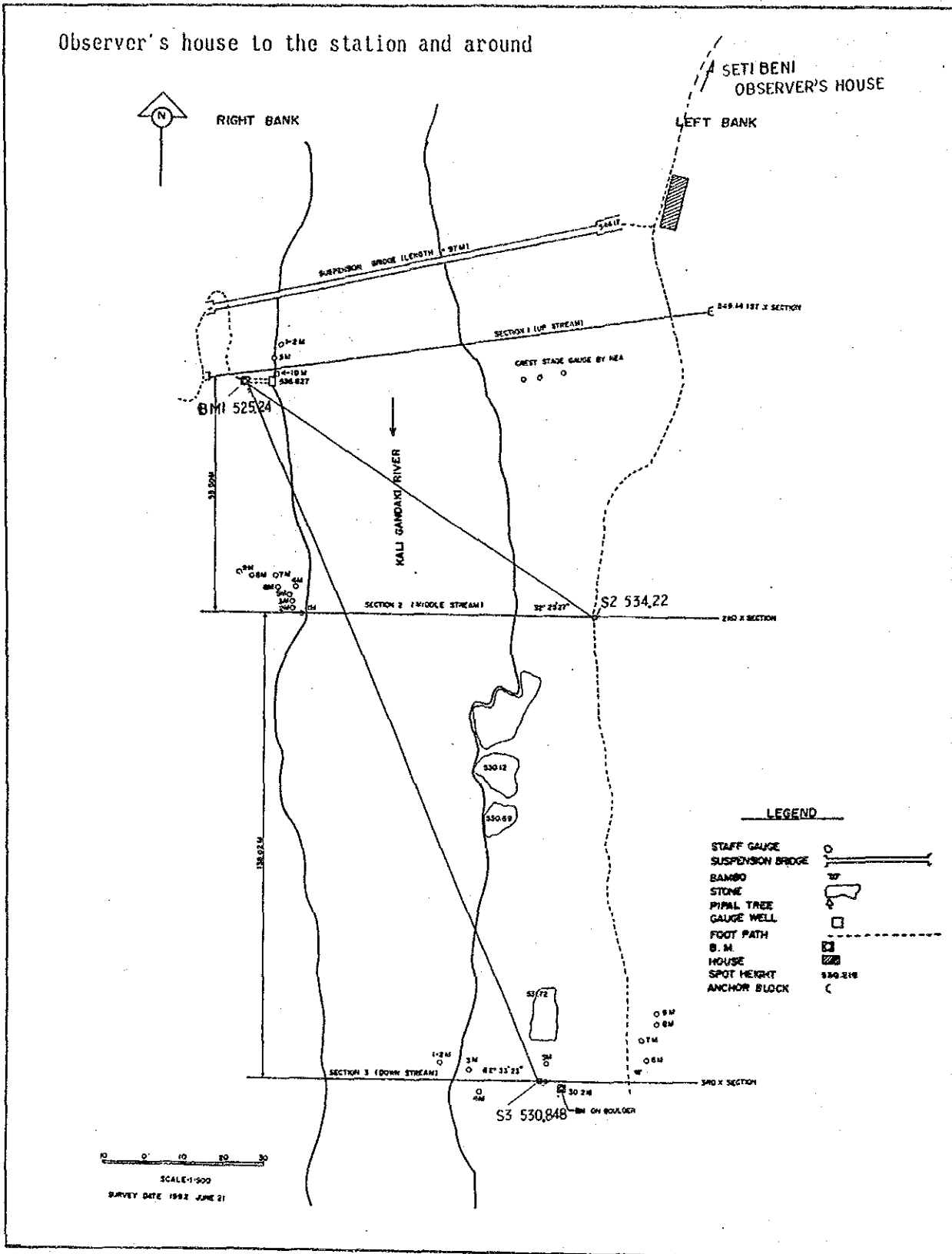


NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 410 Setibani

DATE :

INSPECTOR :



STATION DESCRIPTION INVENTORY (HYDROLOGICAL)

1 STATION IDENTIFICATION

1.1 Station number 595
1.2 Name of station Chiuntaha
1.3 Name of river/stream Jununi river
1.4 Type of station (X)regular ()partial
1.5 Catchment area 110 km²
1.6 Basin name Jununi river
1.7 Observation item (X)staff gauge (X)recording gauge
(X)cable way ()sediment
()water quality

2 LOCATION

2.1 Latitude
Longitude
2.2 Altitude (A.M.S.L.) 79 m
2.3 Region Central
2.4 Zone Narayani
2.5 District Bara
2.6 Name of village Chyuntaha
2.7 Name of nearest village Kaliya
2.8 Name of nearest town/bazar Birganj
2.9 Nearest Post office
Distance to nearest post office
2.10 Nearest telephone office Birganj
Distance to nearest telephone office 1 hour by vehicle

3 HISTORY

3.1 Date of establishment 19-Mar-92
3.2 Name of establishment party DHM and JICA
3.3 Date of upgrading
i) With cable way
ii) With recorder
iii) With sediment sampler
3.4 Name of upgrading party
i) With cable way
ii) With recorder
iii) With sediment sampler
3.5 Frequency of observation
i) Staff gauge 3 per day/8,12,16
ii) Sediment collection per day
iii) Recording chart change 1 per week/Monday
3.6 Data available
i) Staff gauge from 01-Apr-92 to
ii) Recorder from 20-Apr-92 to
iii) Sediment from to
3.7 If applicable, location of previous sites
i) from to
ii) from to

- 3.8 Closing date
- i) Staff gauge /open
 - ii) Recorder /open
 - iii) Sediment /open

- 3.9 Reason of closing
- i) Staff gauge
 - ii) Recorder
 - iii) Sediment

- 3.10 Exitree water levels observed during period of operation
- i) Highest
 - ii) Lowest

4 ACCESSIBILITY

- 4.1 Nearest airport Simra
- 4.2 Nearest road-head Kalaiya (paved road)
- 4.3 Direction and walking distance from the nearest road head to the station (route description)
15 km distance from Kalaiya to the station (1 hr by vehicle)

5 OBSERVER

5.1 Gauge reader

- 5.1.1 Name of gauge reader Mr. Dino Nath Yadale
- 5.1.2 Address of gauge reader Chyuntaha
- 5.1.3 Date of employment 01-Apr-92
- 5.1.4 Qualification SLC
- 5.1.5 Main occupation Agriculture
- 5.1.6 Distance from the residence of the gauge reader to the station 10 min walking
- 5.1.7 Name of alternate reader
Address of the reader
- 5.1.8 Name of former gauge
Address of the reader
- 5.1.9 Others

5.2 Sediment sample collector

- 5.2.1 Name of collector
- 5.2.2 Address of collector
- 5.2.3 Date of employment
- 5.2.4 Qualification
- 5.2.5 Main occupation
- 5.2.6 Distance from the residence of the sample collector to the station
- 5.2.7 Name of alter. collector
Address of the collector
- 5.2.8 Name of former collector
Address of the collector
- 5.2.9 Others

6 INSTRUMENTS

6.1 Staff gauge

- 6.1.1 Total height 5 m
Elevation of 0m 78.65 m
- 6.1.2 Attachment () posts (X) gauge well
() rock () bridge
() masonry wall
() abutment () others

6.2 Gauge well

- 6.2.1 Gauge well
- a) Type Steel pipe well
b) Structure Adjustable steel pipe well
c) Dimension height/diameter max. 5.1m / 60 cm dia
d) Others if any
- 6.2.2 Recorder
- a) Manufacture name Stevens, USA
b) Type R-type
c) Model Model 68
d) Recorder number SER. 138176-91A
e) Pulley size 375 mm dia. (Gauge scale 1:5)
f) Is pulley connected (X) directly () through gear
g) Type of chart used P4 chart weekly (8 days) drum-type
h) Manufacture date Dec-91
i) Power source Spring
j) Condition of recorder
k) Others if any

- Quartz Multispeed Timer
Timer speed : 0.5, 1, 2, 4, 8, 16, and 32

6.2.3 Intake pipes

- a) Number of intake pipes no
b) Flushing arrangements
c) Condition of intake pipes

6.3 Pressure gauge

6.3.1 Sensor

- a) Manufacture name
b) Type
c) Model
d) Sensor number
e) Range of sensor
f) Manufacture date
g) Power source
h) Condition of sensor
i) Others if any

6.3.2 Recorder

- a) Manufacture name
b) Type
c) Model
d) Recorder number
e) Type of chart used
f) Manufacture date
g) Power source
h) Condition of recorder
i) Others if any

6.4 Cable way

6.4.1 General

- a) type of cable way Bank operating
- b) Span of cable way 102 m

6.4.2 Winch

- a) Type of winch 100kg Mechanical Double-drum winch
- b) Manufacture of winch A.OTT, Germany
- c) Model of winch 15.460.002.1.0
- d) Winch number NO. 114051
- e) Manufacture data Dec-91
- f) Condition of winch
- g) Others if any
 - Running speed is 5-50 cm/sec
 - 50kg Middle piece (weight)

6.4.3 Cable car

- a) Type of cable car sitting standing
- b) Movement by Powered Manual
- c) Method of movement by cable single-drum winch
 - double-drum winch (bank operating)
 - powered winch
- d) Condition of cable car

6.4.4 Others

- a) Size of main cable 15 mm dia.
- b) Condition of main cable
- c) Size of traction/tow cable 6 mm dia.
- d) Condition of traction/tow cable
- e) Condition of cable marking
- f) Cable support left bank tower/beam anchor block
 - right bank tower/beam anchor block
- g) Type and height of tower Steel beam, 2.55m

6.5 Others

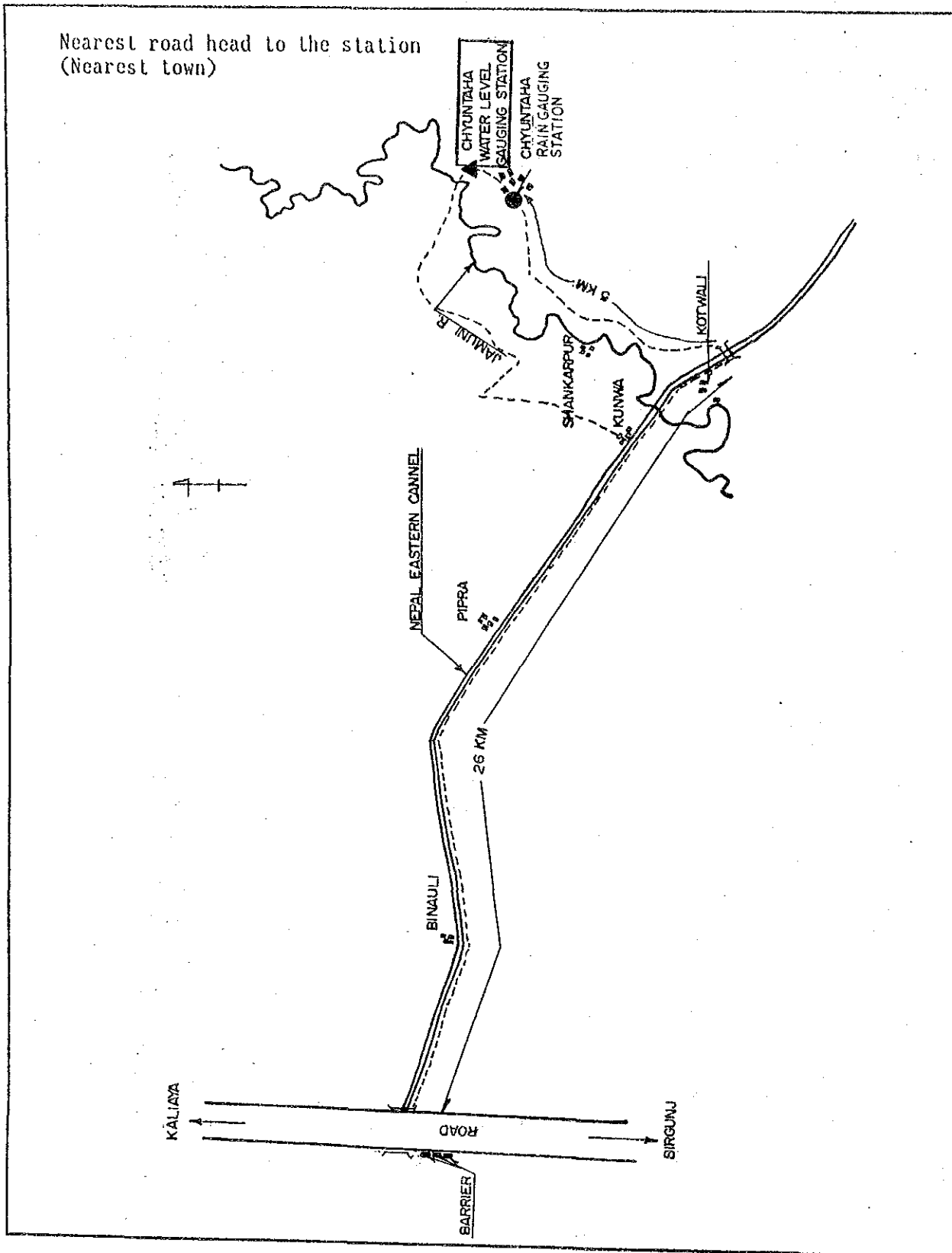
- allowable sag $L/70 = 1.46m$
- Measurement of Cable sag
 - Date : March 19, 1992
 - after stretching : 0.88m
 - 50kg loading (max): 1.82m
 - after loading : 1.02m

7 CONDITION OF STATION AT PRESENT

- 7.1 Date of latest Inspection Oct.31,1992
- 7.2 Site
- 7.1.1 Location (X)O.K. ()need shifting
- 7.1.2 Others
- sand diposit around the gauge well
from Aug.14 to Aug.24,1992
- 7.3 Condition of approach track (X)O.K. ()needs what
- 7.4 Staff gauge and its structure (X)O.K. ()needs what
- 7.5 Gauge well

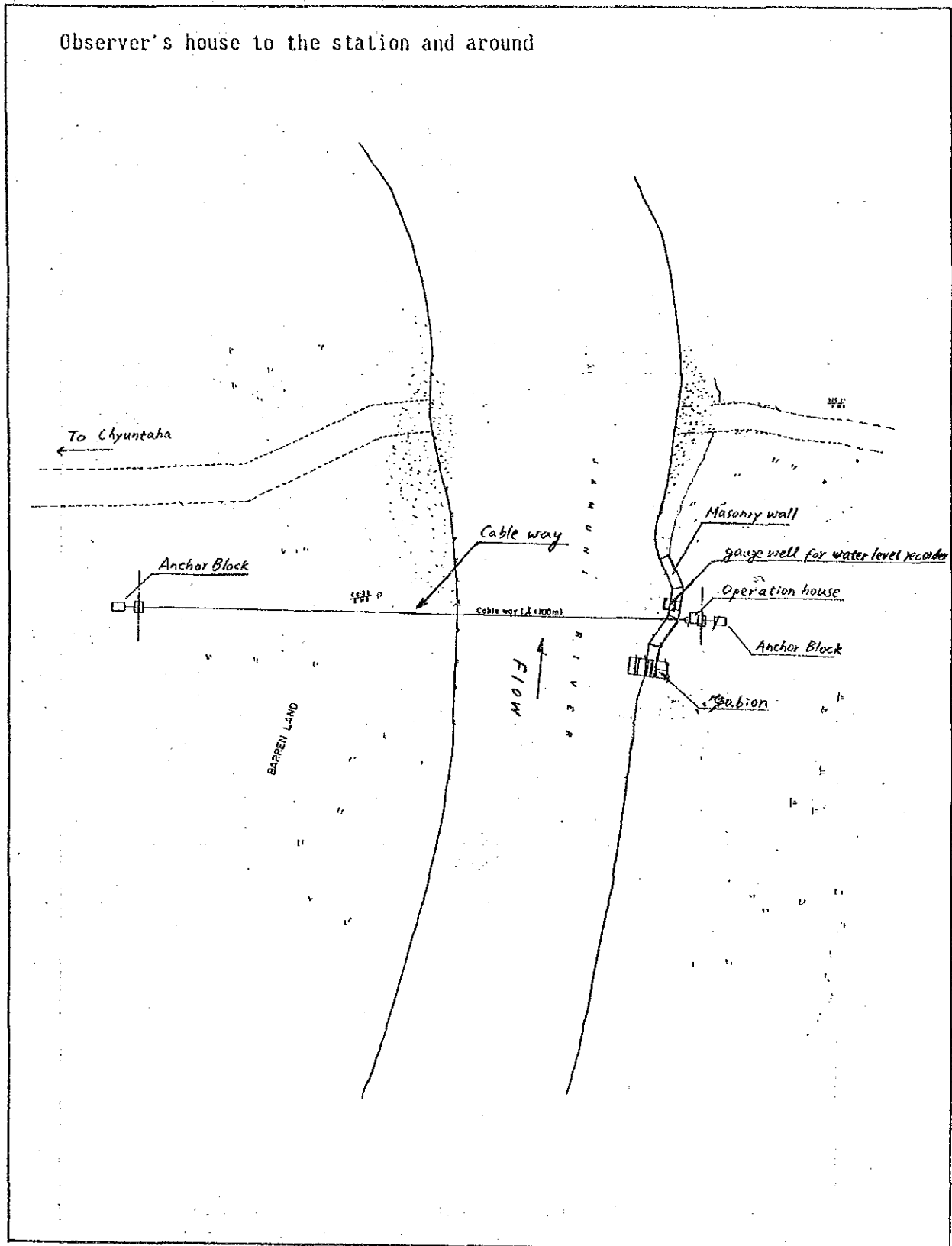
LOCATION MAP (1/2)

STATION NAME : 595 Chitaha
DATE :
INSPECTOR : DHM & JICA



NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

STATION NAME : 595 Chitaha
DATE :
INSPECTOR : DHM & JICA



INSPECTION SHEET FOR METEOROLOGICAL STATION

STA. NAME		0829 Salliyaa	
DATE		27 JULY, 1992	
INSPECTOR		DHM & JICA	
INSTRUMENT	Weighing-type raingauge & Ordinary raingauge		
MANUFACTURE	BELFORT, USA/ Nepal		
MODEL	NO.5-780 (300mm Dual-traverse, 192hr spring drive)		
NUMBER	Rain gauge NO.92929/ Chart drive B27235		
ITEM	judgement		remark
1 INSTRUMENT			
1-1 The quantities of components and spare parts.	(OK)	NO	
1-2 Appearance and structure (deformation, rust, damage etc)	(OK)	NO	
1-3 Consumables (recording chart, pen, note-book etc)	(OK)	NO	chart sheets pen pcs format sheets
2 INSTALLATION			
2-1 Foundation concrete	(GOOD)	NO	
2-2 condition of installation (level, fix, hight etc)	(OK)	NO	H=1.1m
3 CALIBRATION			
3-1 Zero adjustment	(OK)	NO	
3-2 Pre-calibration	OK	(NO)	Simple Check
4 OPERATION			
4-1 Clock condition	(GOOD)	NO	
4-2 Trace of pen	(GOOD)	NO	
5 TRAINING FOR THE OBSERVER			
5-1 Observation procedure	(OK)	NO	
5-2 Chart setting	(OK)	NO	
5-3 Pen setting	(OK)	NO	
NOTE			
signature	Shiva.B.Prajapati		Y.SANO
	DHM		JICA

INSPECTION SHEET FOR METEOROLOGICAL STATIONS.

STA. NAME		0830 Pamdur	
DATE		March 16, 1992	
INSPECTOR		DHM & JICA	
INSTRUMENT	Tipping bucket-type with Data logger(Ordinary type)		
MANUFACTURE	SEBA, GERMANY (Nepal)		
MODEL	RG-50 type Rain gauge/ MDS II Data logger		
NUMBER	Raingauge RG50.085 / Datalogger NO.E00330		
	ITEM	judgement	remark
1 INSTRUMENT			
1-1	The quantities of components and spare parts.	(OK) NO	
1-2	Appearance and structure (deformation, rust, damage etc)	(OK) NO	
1-3	Consumables (recording chart, pen, notebook etc)	(OK) NO	chart sheets pen pcs format sheets
2 INSTALLATION			
2-1	Foundation concrete	(GOOD) NO	
2-2	condition of installation (level, fix, hight etc)	(OK) NO	
2-3	Connection cable	(OK) NO	
3 CALIBRATION			
3-1	Pre-calibration	OK (NO)	
3-2	Initial setting of data logger	(OK) NO	
3-3	Memory of data logger	(OK) NO	56 Kbyte
3-4	Battery of data logger	(OK) NO	
4 OPERATION			
4-1	Test operation	(OK) NO	
5 TRAINING FOR OBSERVER			
5-1	Observation procedure	(OK) NO	
5-2	Data collection	(OK) NO	
NOTE:			
- Initial setting for Data logger E00330			
Channel NO.1			
input	Raingauge RG50.085		
factor A	0.5		
factor B	0		
cycles	1 sec		
-Caution	Max capacity : 3000mm accumulating rainfall		
signature	Shiva.B.Prajapati	Y.SANO	
	DHM	JICA	

NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

INSPECTION SHEET FOR HYDROLOGOMETRIC STATION

STA. NAME		595 Chiutaha	
DATE		19 MARCH 1992	
INSPECTOR		DHM & JICA	
INSTRUMENT	Double-drum winch cable way		
MANUFACTURE	A.OTT, GERMANY		
MODEL	Type SK-50-01 (100kg Manual-type winch)		
NUMBER	NO. 114051		
ITEM		judgement	remark
1 INSTRUMENT			
1-1	The quantities of components and spare parts.	<input checked="" type="radio"/> OK	NO
1-2	Appearance and structure (deformation, rust, damage etc)	<input checked="" type="radio"/> OK	NO
2 INSTALLATION			
2-1	Bearing pole and anchoring	<input checked="" type="radio"/> GOOD	NO
2-2	Cable stretch	<input checked="" type="radio"/> GOOD	NO
2-3	Installation of winch	<input checked="" type="radio"/> OK	NO
3 CALIBRATION			
3-1	Depth counter	<input checked="" type="radio"/> OK	NO
3-2	Distance counter	<input checked="" type="radio"/> OK	NO
3-3	Lubrication	OK	<input checked="" type="radio"/> NO
4 OPERATION			
4-1	Connection with current meter	<input checked="" type="radio"/> OK	NO
4-2	Test operation	<input checked="" type="radio"/> OK	NO
5 TRAINING FOR OBSERVER			
5-1	Observation procedure	<input checked="" type="radio"/> OK	NO
5-2	Discharge measurement	<input checked="" type="radio"/> OK	NO
<p>NOTE:</p> <ul style="list-style-type: none"> - Span of Cable way : 102m - Measurement of Cable sag <li style="padding-left: 20px;">Data : March 19, 1992 <li style="padding-left: 40px;">after stretching d=0.88 m <li style="padding-left: 40px;">50kg loading max d=1.80 m <li style="padding-left: 40px;">after loading d=1.02 m <li style="padding-left: 20px;">Required cable sag : 1.46m (L/70). 			
signature			
		T. R. Shakya	Y. SANO
		DHM	JICA

NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

INSPECTION SHEET FOR HYDROMETRIC STATION

STA. NAME		595 Chitaha	
DATE		25 MARCH, 1992	
INSPECTOR		DHM & JICA	
INSTRUMENT	Float-type water level gauge		
MANUFACTURE	STEVENS, USA		
MODEL	Type-F Model 68		
NUMBER	Ser. 138176-91A		
ITEM	Judgement		remark
1 INSTRUMENT			
1-1 The quantities of components and spare parts.	(OK)	NO	
1-2 Appearance and structure (deformation, rust, damage etc)	(OK)	NO	
1-3 Consumables (recording chart, pen, note-book etc)	(OK)	NO	chart sheets pen pcs format sheets
2 INSTALLATION			
2-1 condition of installation (fix, hight etc)	(OK)	NO	
3 CALIBRATION			
3-1 Zero adjustment	(OK)	NO	
3-2 Pre-calibration	OK	(NO)	
3-3 Data comparison between recording and manual reading	(OK)	NO	
4 OPERATION			
4-1 Clock condition	(GOOD)	NO	
4-2 Trace of pen	(GOOD)	NO	
4-3 Data comparison	(OK)	NO	
5 TRAINING FOR OBSERVER			
5-1 Observation procedure	(OK)	NO	
5-2 Chart setting	(OK)	NO	
5-3 Pen setting	(OK)	NO	
5-4 Battery change	(OK)	NO	
NOTE: - Elevation of staff gauge 0m is EL. 78.65m - Total of staff gauge hight is 5m.			
signature	T. R. Shakya	Y. SANO	
	DHM	JICA	

NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

INSPECTION SHEET FOR HYDROLOGOMETRIC STATION

STA. NAME	406 Kalleri
DATE	13 MARCH, 1992
INSPECTOR	DHM & JICA

INSTRUMENT	Double-drum winch cable way
MANUFACTURE	A.OTT, GERMANY
MODEL	Type SK-50-01 (100kg Manual-type winch)
NUMBER	NO. 114053

ITEM	judgement	remark
1 INSTRUMENT		
1-1 The quantities of components and spare parts.	<input checked="" type="radio"/> NO	
1-2 Appearance and structure (deformation, rust, damage etc)	<input checked="" type="radio"/> NO	
2 INSTALLATION		
2-1 Bearing pole and anchoring	<input checked="" type="radio"/> NO	
2-2 Cable stretch	<input checked="" type="radio"/> NO	
2-3 Installation of winch	<input checked="" type="radio"/> NO	
3 CALIBRATION		
3-1 Depth counter	<input checked="" type="radio"/> NO	
3-2 Distance counter	<input checked="" type="radio"/> NO	
3-3 Lubrication	<input checked="" type="radio"/> NO	
4 OPERATION		
4-1 Connection with current meter	<input checked="" type="radio"/> NO	
4-2 Test operation	<input checked="" type="radio"/> NO	
5 TRAINING FOR OBSERVER		
5-1 Observation procedure	<input checked="" type="radio"/> NO	
5-2 Discharge measurement	OK <input checked="" type="radio"/> NO	

NOTE:

- Span of Cable way : 140m
- Measurement of Cable sag
 Data : March 13, 1992
 after stretching d=1.40 m
 100kg loading max d=2.68 m
 after loading d=1.36 m
 Required cable sag : 2m (L/70).

signature

Shiva.B.Prajapati

Y.SANO

DHM

JICA

NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

INSPECTION SHEET FOR HYDROMETRIC STATION

STA. NAME		406 Kalleri	
DATE		15 MARCH, 1992	
INSPECTOR		DHM & JICA	
INSTRUMENT	Pressure-type water level gauge with Data logger		
MANUFACTURE	SEBA, GERMANY		
MODEL	Type DS Sensor/ MDS II Data logger		
NUMBER	NO.1169 / NO.E01185		
	ITEM	Judgement	remark
1 INSTRUMENT			
	1-1 The quantities of components and spare parts.	(OK) NO	
	1-2 Appearance and structure (deformation, rust, damage etc)	(OK) NO	
	1-3 Consumables (recording chart, pen, note-book etc)	(OK) NO	chart — sheets pen — pcs format sheets
2 INSTALLATION			
	2-1 condition of installation (fix, height, etc)	(OK) NO	Sensor : EL.666.63m
	2-2 Connection cable	(OK) NO	
	2-3 Protection pipe	(OK) NO	
3 CALIBRATION			
	3-1 Pre-calibration	OK (NO)	
	3-2 Initial setting of data logger	(OK) NO	
	3-3 Data comparison between recording and manual reading	(OK) NO	
	3-4 Memory check	(OK) NO	64 Kbyte
	3-5 Battery check	(OK) NO	
4 OPERATION			
	4-1 Test operation	(OK) NO	
5 TRAINING FOR OBSERVER			
	5-1 Observation procedure	(OK) NO	
	5-2 Data collection	OK (NO)	
<p>NOTE:</p> <ul style="list-style-type: none"> - Elevation of staff gauge 0m is EL.666.5m - Total of staff gauge height is 10m. - Initial setting for Data logger E01185 <p>Channel NO.1</p> <p>input Sensor NO.1169</p> <p>factor A 0.003003</p> <p>factor B 0.0097 (=-0.033+0.13)</p> <p>cycles 600 sec</p>			
signature		Shiva.B.Prajapati	Y.SANO
		DHM	JICA

NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

INSPECTION SHEET FOR HYDROLOMETRIC STATION

STA. NAME		403.5 Tatopani	
DATE		22 MARCH, 1992	
INSPECTOR		DHM & JICA	
INSTRUMENT	Double-drum winch cable way		
MANUFACTURE	A.OTT, GERMANY		
MODEL	Type SK-50-01 (100kg Manual-type winch)		
NUMBER	NO. 114052		
	ITEM	judgement	remark
1 INSTRUMENT			
	1-1 The quantities of components and spare parts.	(OK) NO	
	1-2 Appearance and structure (deformation, rust, damage etc)	(OK) NO	
2 INSTALLATION			
	2-1 Bearing pole and anchoring	(GOOD) NO	
	2-2 Cable stretch	(GOOD) NO	
	2-3 Installation of winch	(OK) NO	
3 CALIBRATION			
	3-1 Depth counter	(OK) NO	
	3-2 Distance counter	(OK) NO	
	3-3 Lubrication	(OK) NO	
4 OPERATION			
	4-1 Connection with current meter	(OK) NO	
	4-2 Test operation	(OK) NO	
5 TRAINING FOR OBSERVER			
	5-1 Observation procedure	(OK) NO	
	5-2 Discharge measurement	OK (NO)	
<p>NOTE:</p> <ul style="list-style-type: none"> - Span of Cable way : 87m - Measurement of Cable sag <li style="padding-left: 20px;">Data : March 22, 1992 <li style="padding-left: 20px;">after stretching d=0.53 m <li style="padding-left: 20px;">100kg load max d=1.53 m <li style="padding-left: 20px;">after loading d=0.61 m <li style="padding-left: 20px;">Required cable sag : 1.24m (L/70). 			
signature		D.R. Shrestha	Y. SANO
		-----	-----
		DHM	JICA

NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT

INSPECTION SHEET FOR HYDROLOGOMETRIC STATION

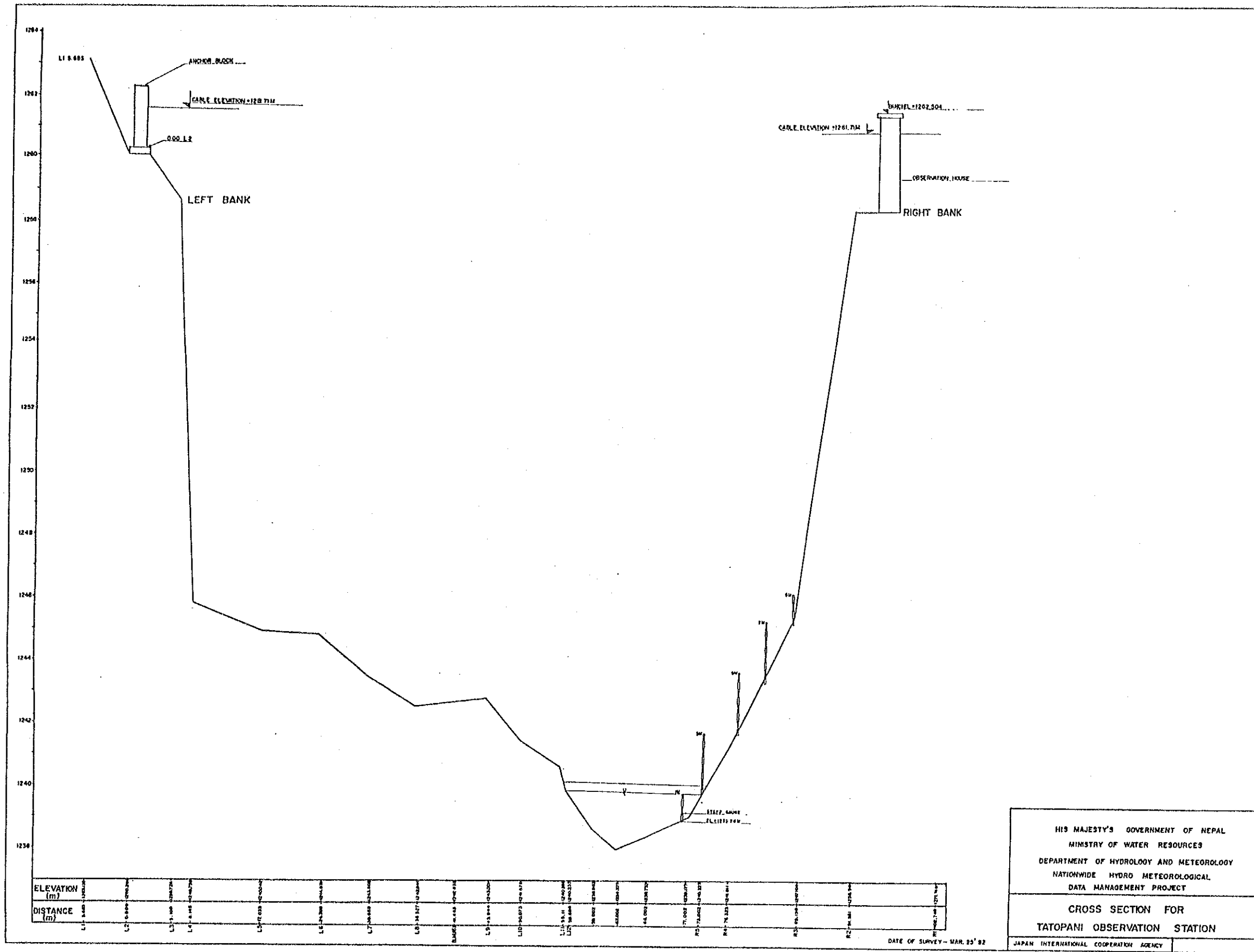
STA. NAME		403.5 Tatopani	
DATE		23 MARCH, 1992	
INSPECTOR		DHM & JICA	
INSTRUMENT	Pressure-type water level gauge		
MANUFACTURE	SEBA, GERMANY		
MODEL	Type DS Sensor/ XI-S type recorder		
NUMBER	NO. DS1177 / NO. 2188		
ITEM	judgement		remark
1 INSTRUMENT			
1-1	The quantities of components and spare parts.	<input checked="" type="radio"/> OK	NO
1-2	Appearance and structure (deformation, rust, damage etc)	<input checked="" type="radio"/> OK	NO
1-3	Consumables (recording chart, pen, note-book etc)	<input checked="" type="radio"/> OK	NO
			chart sheets pen pcs format sheets
2 INSTALLATION			
2-1	Condition of installation (fix, hight etc)	<input checked="" type="radio"/> OK	NO
2-2	Connection cable	<input checked="" type="radio"/> OK	NO
2-3	Protection pipe	<input checked="" type="radio"/> OK	NO
3 CALIBRATION			
3-1	Zero adjustment	<input checked="" type="radio"/> OK	NO
3-2	Pre-calibration	<input type="radio"/> OK	<input checked="" type="radio"/> NO
3-3	Data comparision between recording and manual reading	<input checked="" type="radio"/> OK	NO
4 OPERATION			
4-1	Clock condition	<input checked="" type="radio"/> GOOD	NO
4-2	Trace of pen	<input checked="" type="radio"/> GOOD	NO
5 TRAINING FOR OBSERVER			
5-1	Observation procedure	<input checked="" type="radio"/> OK	NO
5-2	Chart setting	<input checked="" type="radio"/> OK	NO
5-3	Pen setting	<input checked="" type="radio"/> OK	NO
5-4	Battery change	<input checked="" type="radio"/> OK	NO
<p>NOTE:</p> <ul style="list-style-type: none"> - Elevation of staff gauge 0m is EL 1239.20m - Total of staff gauge hight is 8m. 			
signature	D.R. Shresta	(guided) by Y. SANO	
	----- DHM	----- JICA	

NATIONWIDE HYDRO-METEOROLOGICAL DATA MANAGEMENT PROJECT.

II.3 SURVEY RESULT

LIST OF SURVEY

1. Cross Section at Tatopani
2. Cross Section at Kalleri
3. Location Map of Setibeni Station
4. Cross Section No. 1 at Setibeni
5. Cross Section No. 2 at Setibeni
6. Cross Section No. 3 at Setibeni
7. Cross Section at Chyuntaha

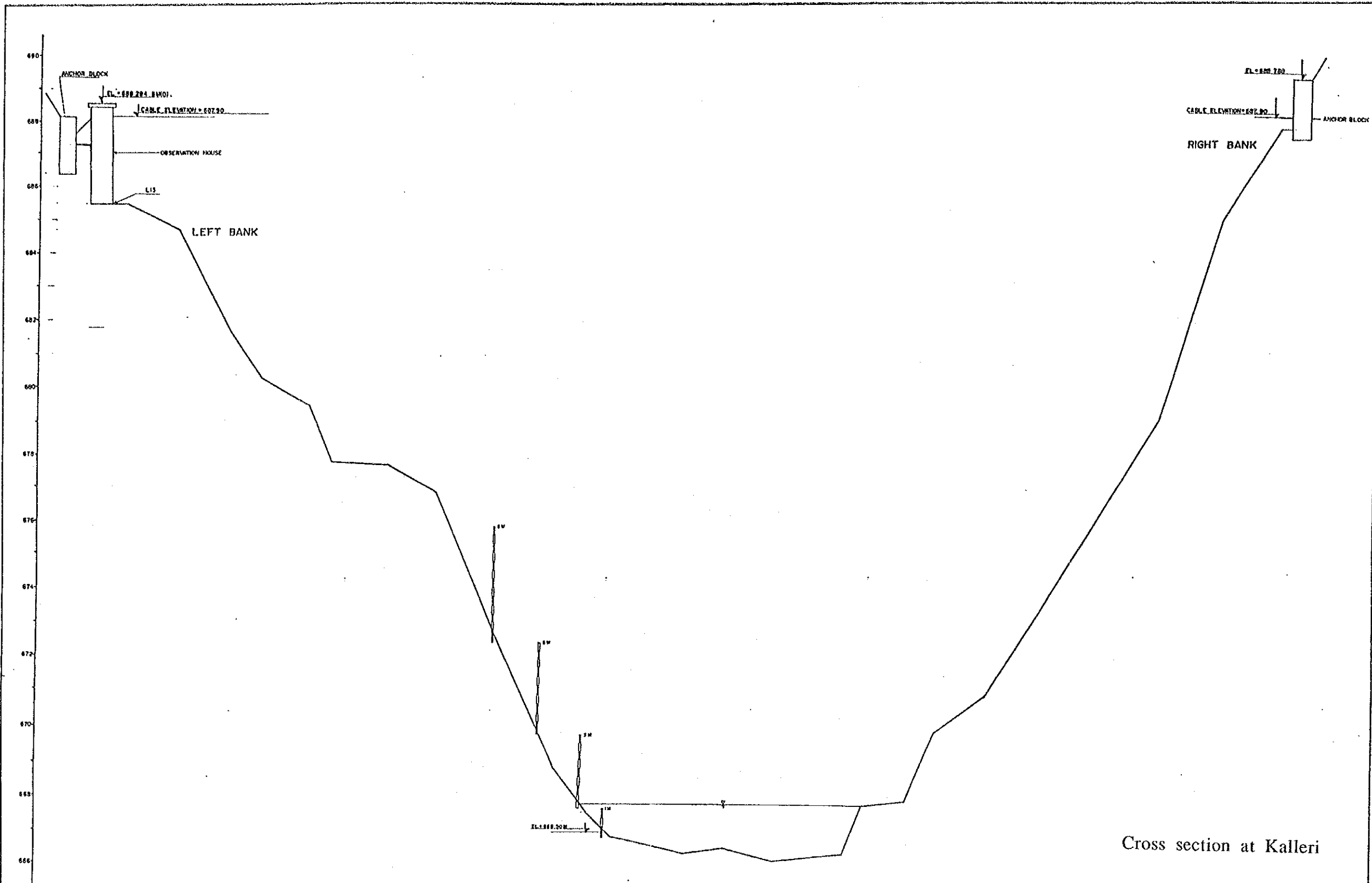


HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WATER RESOURCES
 DEPARTMENT OF HYDROLOGY AND METEOROLOGY
 NATIONWIDE HYDRO METEOROLOGICAL
 DATA MANAGEMENT PROJECT

CROSS SECTION FOR
 TATOPANI OBSERVATION STATION

JAPAN INTERNATIONAL COOPERATION AGENCY

Cross section at Tatopani



Cross section at Kalleri

ELEVATION (m)	0	100	200	300	400	500	600	700	800	850
690	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
688	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
686	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
684	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
682	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
680	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
678	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
676	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
674	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
672	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
670	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
668	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
666	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20
665	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20	688.20

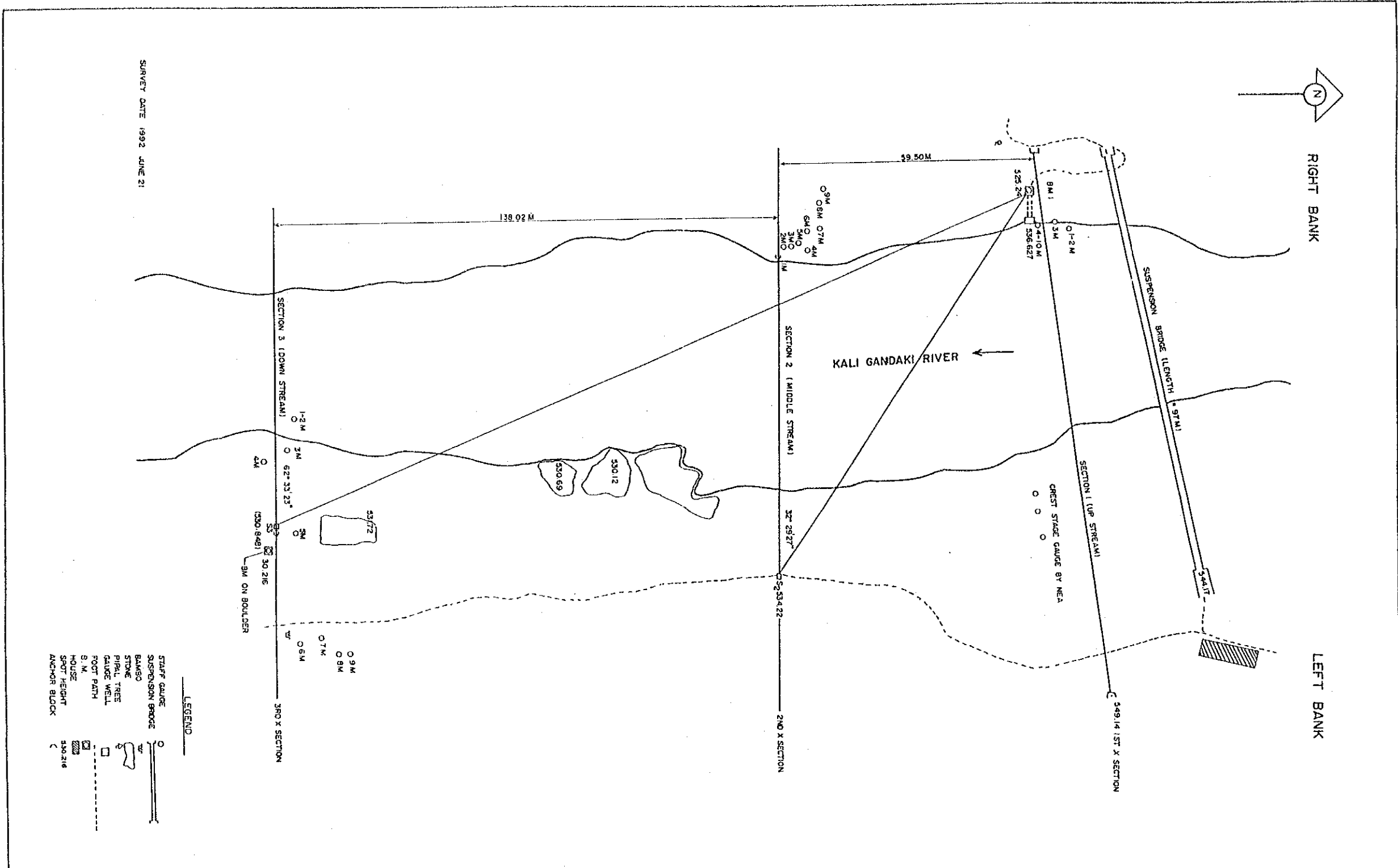
HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WATER RESOURCES
 DEPARTMENT OF HYDROLOGY AND METEOROLOGY
 NATIONWIDE HYDRO METEOROLOGICAL
 DATA MANAGEMENT PROJECT

CROSS SECTION FOR
 MODIBENI OBSERVATION STATION

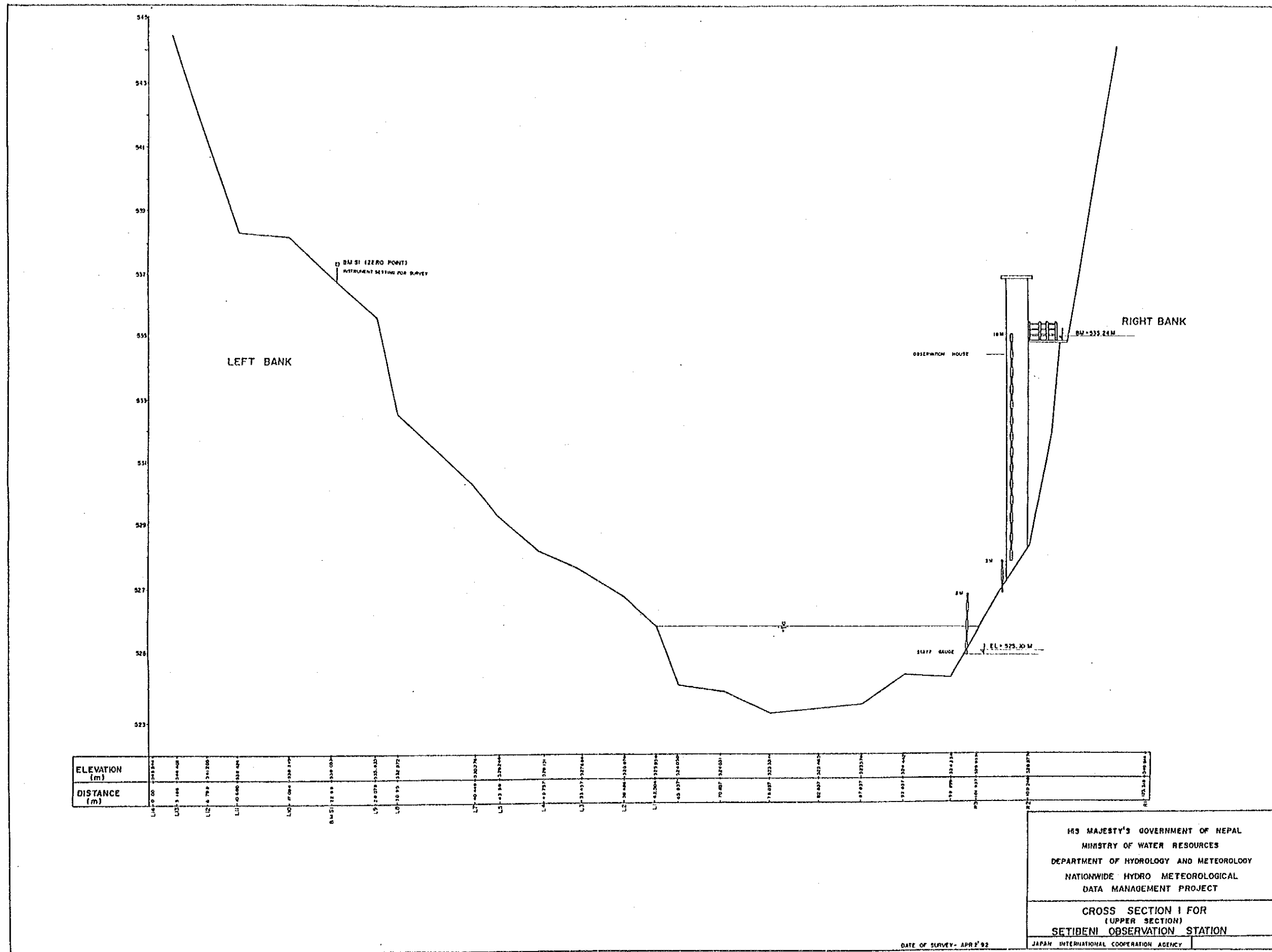
DATE OF SURVEY - MAR. 29 '92

JAPAN INTERNATIONAL COOPERATION AGENCY

SETI BENI



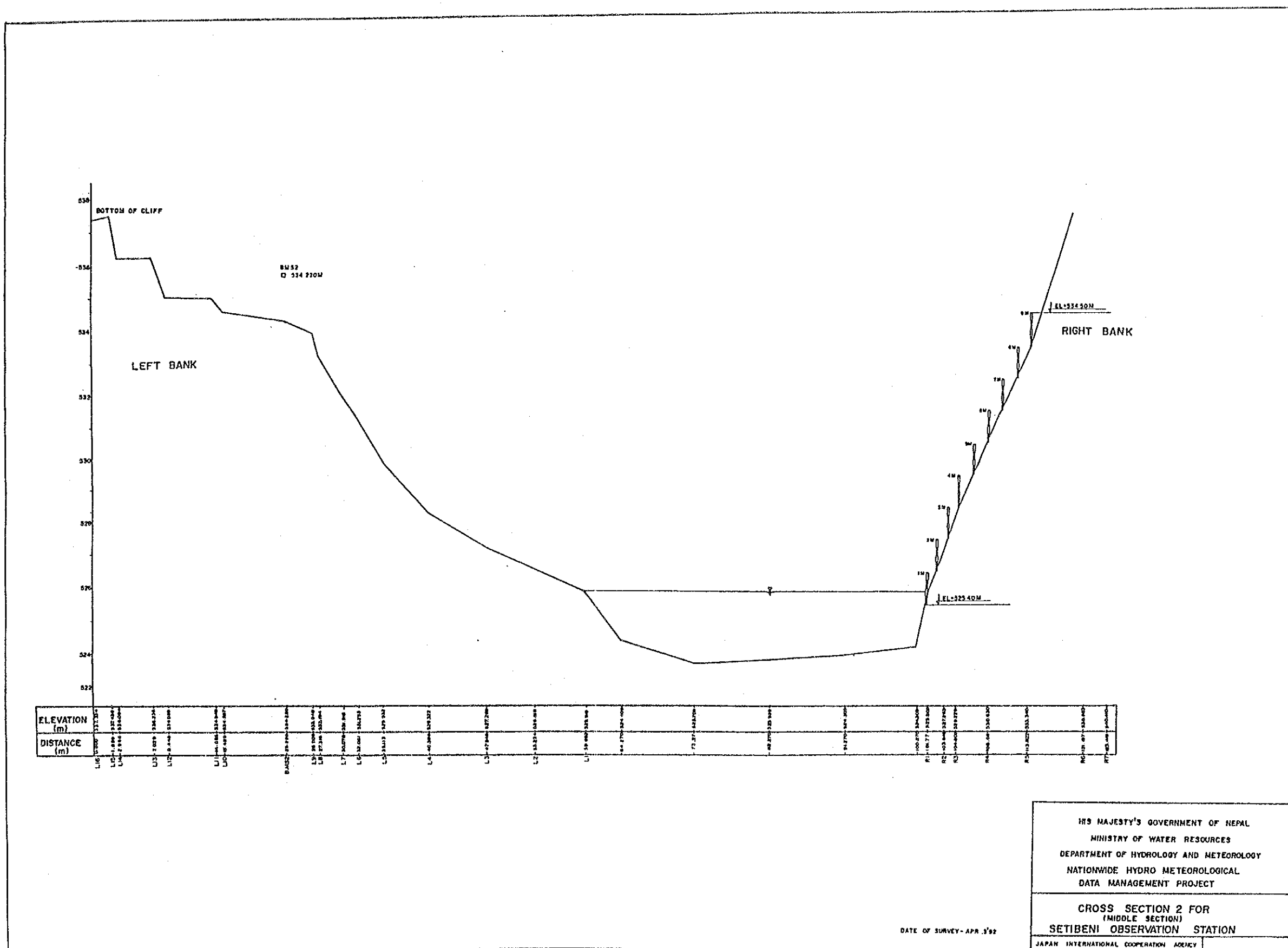
Location map of Setibeni station



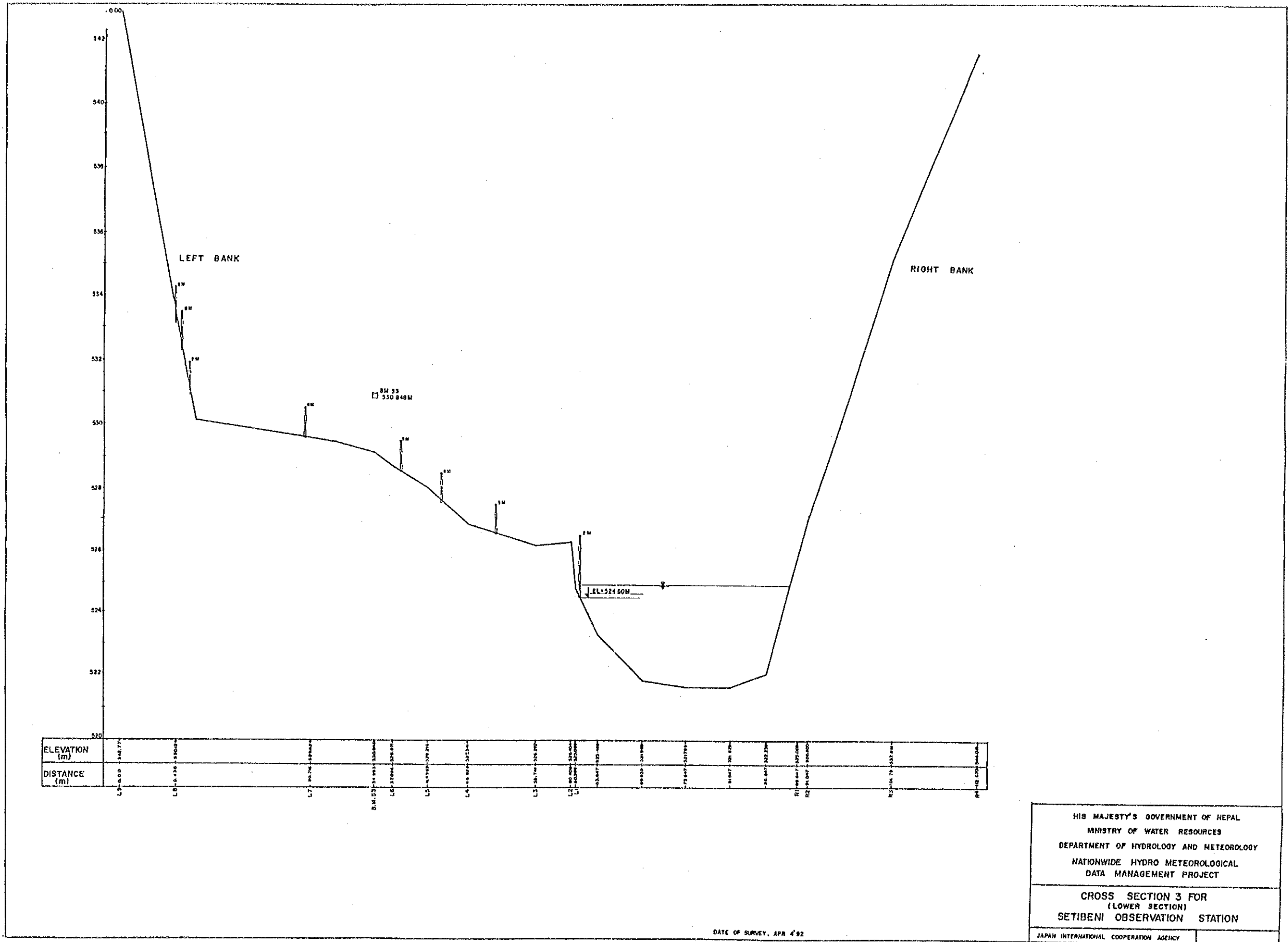
HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WATER RESOURCES
 DEPARTMENT OF HYDROLOGY AND METEOROLOGY
 NATIONWIDE HYDRO METEOROLOGICAL
 DATA MANAGEMENT PROJECT
 CROSS SECTION I FOR
 (UPPER SECTION)
 SETIBENI OBSERVATION STATION
 JAPAN INTERNATIONAL COOPERATION AGENCY

DATE OF SURVEY - APR '92

Cross section No.1 at Setibeni



Cross section No.2 at Setibeni

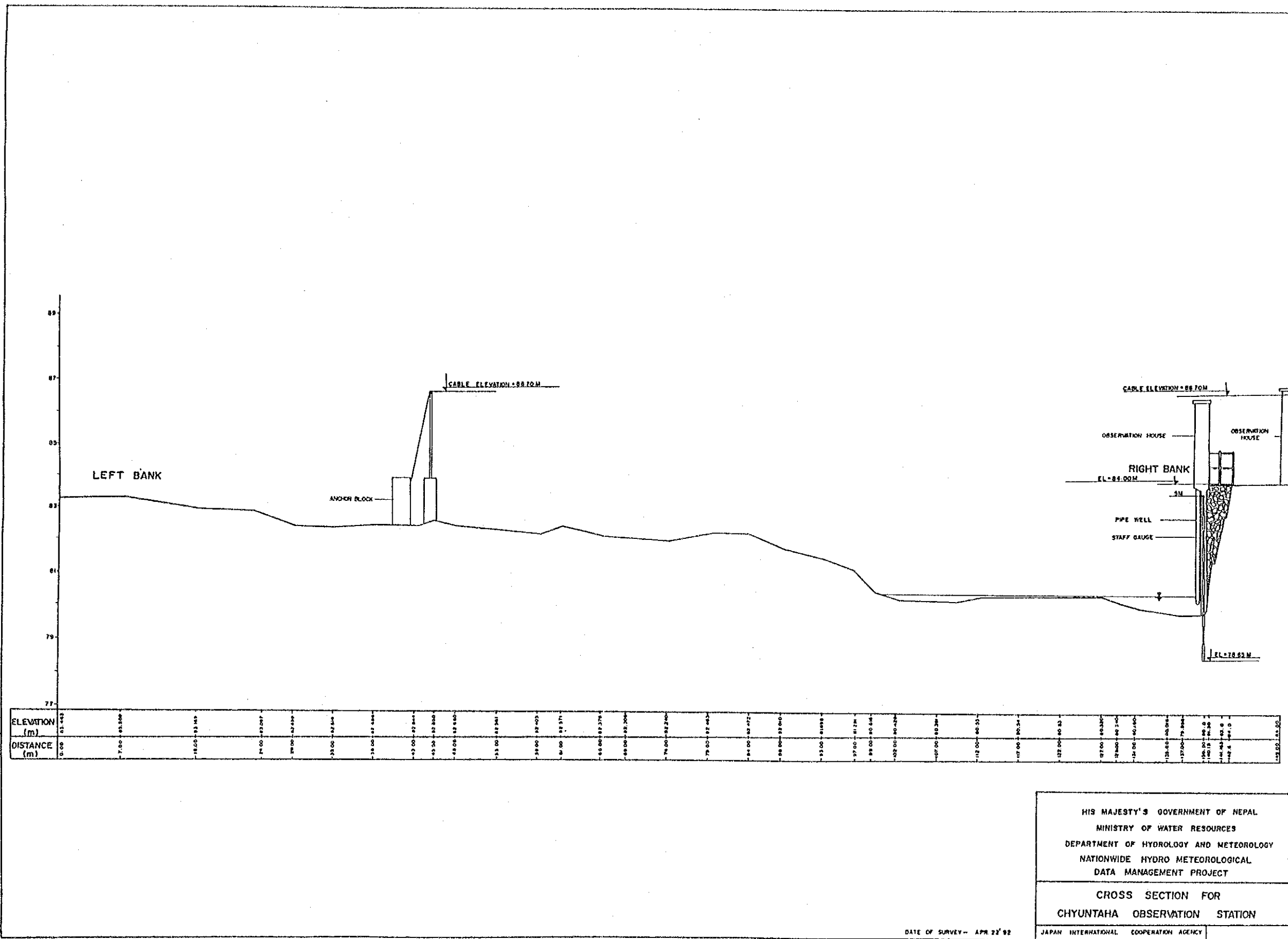


HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WATER RESOURCES
 DEPARTMENT OF HYDROLOGY AND METEOROLOGY
 NATIONWIDE HYDRO METEOROLOGICAL
 DATA MANAGEMENT PROJECT

CROSS SECTION 3 FOR
 (LOWER SECTION)
 SETIBENI OBSERVATION STATION

JAPAN INTERNATIONAL COOPERATION AGENCY

Cross section No.3 at Setibeni



HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WATER RESOURCES
 DEPARTMENT OF HYDROLOGY AND METEOROLOGY
 NATIONWIDE HYDRO METEOROLOGICAL
 DATA MANAGEMENT PROJECT

CROSS SECTION FOR
 CHYUNTAHA OBSERVATION STATION

JAPAN INTERNATIONAL COOPERATION AGENCY

Cross section at Chyuntaha

II.4 INSTRUMENT LIST OF MODEL SYSTEM

Instrument List of Model System (1)

Instrument & Specification		Manufacture	Amount (or No.)		
			Western	Central	Total
(1)	C31 Universal Current Meter				
1.	Universal Current Meter C31 with carrying case	A.OTT (Germany)	No. 111040 No. 111041	No. 111039	3
2.	Propeller No. 1 125 mm dia. 0.25 m pitch brass	A.OTT	No. 1-113458 No. 1-113459 No. 1-113460	No. 1-113457	4
3.	Propeller No. 3 125 mm dia. 1.0 m pitch brass	A.OTT	No. 3-113319 No. 3-113320 (Damaged) No. 3-113321		2
4.	Counter Set Z 215	A.OTT	2	1	3
5.	Rod 3 m in sections with screw driver	A.OTT	2	1	3
6.	Stabilizer tail piece	A.OTT	2	1	3
7.	Weight balance long, 84 cm long	A.OTT	2	1	3
8.	Weight balance short, 50 cm long	A.OTT	2	1	3
9.	Intermediate piece	A.OTT	2	1	3
10.	Cable 111/200, 2.5 m long (between winch and Z215 counter)	A.OTT	2	2	4
11.	Cable 11/110, 2.5 m long (between current meter on rod and Z215 counter)	A.OTT	2	1	3
12.	Cable D5 Galvanized 111/454 170 m long (for spare use)	A.OTT	2	-	2
13.	Battery for counter set Z215	A.OTT	96	40	136
14.	Tools for current meter	A.OTT	2	1	3
15.	Spare weights & cap for weight balance	A.OTT	2	1	3
16.	Middle piece 100 kg (weight) with carrying case	A.OTT	2		2
17.	Middle piece 50 kg (weight) with carrying case	A.OTT		1	1
(2)	Mechanical cable way installation SK50-01				
1.	Double drum winch 100 kg with D5 Galvanized cable 111/154 170m	A.OTT	No. 114052 (Tatopani)	No. 114051 (Chyuntaha)	3

Instrument List of Model System (2)

Instrument & Specification	Manufacture	Amount (or No.)		
		Western	Central	Total
- Mechanical operation - Operation side : Right hand - Vertical cable out let		No. 114053 (Kalleri)		
2. Pulley block with bolts	A.OTT (Germany)	2	1	3
3. Guide pulley with cover and bolts	A.OTT	2	1	3
4. Angle bracket with bolts	A.OTT	2	1	3
5. Trolley	A.OTT	2	1	3
6. Tightner dia 32 mm for track cabel	A.OTT	2	1	3
7. Tightner dia 12 mm for tow cable	A.OTT	2	1	3
8. Schackel dia 32 m for track cable	A.OTT	2	1	3
9. Schackel dia 12 m for track cable	A.OTT	2	1	3
(3) Pricew Current meter				
1. Price Current meter Model 0622-G - Model 622 Currentmeter - Parts for suspension cable - Tailpiece, Lead weight 15 lbp weight with hanger and pin - Parts for wading rod Wading rod 24 inch long 3 pcs Wading rod 18 inch long 1 pc Wading rod base, spring crip etc.	Teledyne Gurley (USA)	AY 4334		1
2. 1100 digital indicator	Teledyne Gurley	1		1
3. Connection cable (between indicator and sounding reel)	Teledyne	1		1
4. Steel cable with copper conductor 50 m long with weight hanger pin (100 lbp) and connector	Teledyne	2		2
5. Lead weight 100 lbp	Teledyne	1		1
6. Battery 9V for 1100 digital indicator	Teledyne	6		6
7. Pivot for Model 622	Teledyne	3		3

Instrument List of Model System (3)

Instrument & Specification	Manufacture	Amount (or No.)		
		Western	Central	Total
8. Pygmy Price current meter Model 625 F - Model 625 pygmy current meter - Parts for wading rod wading rod 24 inch long 3 pcs wading rod 18 inch long 1 pc wading rod base, spring crip - Headphone	Teledyne Gurley (USA)		AY5010	1
9. Battery 1.5 V for head phone of Model 625			6	
10. Pivot for Model 625			3	
(4) Pressure-type water level Recorder				
1. Horizontal water level Recorder Xi-S, Scale = 1:50	SEBA (Germany)	No. 2188 (Tatopani) No. 2187 (Setibeni)		2
2. Pressure type sensor Type DS with connection cable Range : 0 to 10 m	SEBA	No. 1177 (Tatopani) No. 1169 (Kalleri) No. 1198 (Setibeni)		3
3. Data logger MDS II connection with sensor 64 kbyte memory	SEBA	No. E01185 (Kalleri)		1
4. Outer solid case for Data logger	SEBA	1		1
5. Battery 1.5 V for water level Recorder Xi-S	SEBA	50		50
6. Recording chart 32 days for recorder Xi-S	SEBA	50		50
7. Recording chart 8 days for recorder Xi-S	SEBA	150		150
8. Fiber pen for recorder Xi-S	SEBA	40		40
9. Clock for recorder Xi-S	SEBA	1		1
(5) Float type water level Recorder				
1. Water level recorder Type-F - Quartz Multi speed Timer - float pulley 375 m dia - counter weight 283 grms.	Stevens (USA)		Ser. 138176 -91 A (Chyuntaha) (Chyuntaha)	1

Instrument List of Model System (4)

Instrument & Specification	Manufacture	Amount (or No.)		
		Western	Central	Total
- Stainless float 203 mm dia. - Stainless steel beaded float line - Scale 1:5				
2. Float dia. 203 mm	Stevens (USA)		1	1
3. Quartz Multi Speed Timer	Stevens		1	1
4. Float Pulley dia 375mm	Stevens		1	1
5. Float line 6 m with clip	Stevens		1	1
6. Float weight 283 grm	Stevens		1	1
7. Float pulley washer & Nut (# 30971)	Stevens		1	1
8. Gears "F" Gage Scale Metric 1:1 (# 30470)	Stevens		1	1
9. Gears "F" Gage Scale Metric 1:2 (# 30471)	Stevens		1	1
10. Spring chart holder	Stevens		2	2
11. Bearing ball 22 mm x 7 mm iD x 7 mm (# 20518)	Stevens		1	1
12. Bearing ball 3/4 oD x 1/4 iD x 9/32 (# 20505)	Stevens		1	1
13. Cartridge pen for F-type Recorder	Stevens		16	16
14. Battery for F-type Recorder	Stevens		24	24
15. Recording chart 8 days for F-type Recorder	Stevens		54 x 3	162
(6) Tipping bucket-type recording raingauge				
1. Tipping bucket-type raingauge type RG-50	SEBA (Germany)	RG 50.085 (Pamdur)		1
2. Data logger MDS II for raingauge 56 K byte memory	SEBA	No. E00330		1
3. Outer solid case for data logger	SEBA	1		1

Instrument List of Model System (5)

Instrument & Specification		Manufacture	Amount (or No.)		
			Western	Central	Total
(7)	Weighing-type recording raingauge				
1.	Weighing-type recording raingauge No. 720 Universal type - 0-300mm dual traveres - 192 hrs spring powered clock	Belfort (USA)	No. 92926 (Yaragau) No. 92924 (Samargau) No. 92925 (Dhakarjung) No. 92930 (Bega) No. 92932 (Kuhun) No. 92931 (Muna) No. 92927 (Beghara) No. 92933 (Sirkon) No. 92928 (Doban) No. 92929 (Sallyan) No. 92934 (Tisedi)	No. 92936 (Chyuntaha) No. 92935 (Kolbhi)	13
2.	192 hrs spring powered clock for Raingauge	Belfort	6		6
3.	Fiber pen Raingauge	Belfort	219	40	259
4.	Bucket for Raingauge	Belfort	6		6
5.	Recording chart 8 days, 300 m for Raingauge	Belfort	930	100	1030
(8)	Data transfer device for Data logger MDS II				
1.	Handterminal HT-100 with Battery charge adapter	SEBA (Germany)	2		2
2.	Interface cable between Data logger MDS II and HT-100	SEBA	4		4
3.	Interface cable between PC and HT-100	SEBA	2		2
4.	Pin connector (25 pin to 9 pin)	SEBA	1		1
5.	Memory card for HT-100 64 K byte Memory	SEBA	8		8
6.	Batery for Data logger MDS II	SEBA	13		13

Instrument List of Model System (6)

Instrument & Specification	Manufacture	Amount (or No.)		
		Western	Central	Total
(9) Software for Data logger MDS II				
1. Readout Software READHT data transmission from HT 100 to PC	SEBA (Germany)	1		1
2. Readout and operation software TTERM data transmission from MDS II to PC	SEBA	1		1
3. Listing software LIMDS	SEBA	1		1
4. Graphic software PLMDS	SEBA	1		1
5. Processing software for Precipitation listing REMDS	SEBA	1		1
6. Processing software for Precipitation graphic PLREMDS	SEBA	1		1

III. DATA MANAGEMENT SYSTEM

III.1 PRECIPITATION RECORD IN 1992

DAILY RAINFALL IN MM.

STATION :
 INDEX NO. : 0623
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1932

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA
2	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA
3	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA
4	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA
5	NA	NA	NA	NA	0.1	0	0	NA	NA	NA	NA	NA
6	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA
7	NA	NA	NA	0	0	0	0	NA	NA	NA	NA	NA
8	NA	NA	NA	0	0	0	1.5	NA	NA	NA	NA	NA
9	NA	NA	NA	0	0	0	0	NA	NA	NA	NA	NA
10	NA	NA	NA	0	0	0	0.1	NA	NA	NA	NA	NA
11	NA	NA	NA	0.4	0	0	0	NA	NA	NA	NA	NA
12	NA	NA	NA	0	0	0	0	NA	NA	NA	NA	NA
13	NA	NA	NA	0	0	0	0	NA	NA	NA	NA	NA
14	NA	NA	NA	0	0	0	10.0	NA	NA	NA	NA	NA
15	NA	NA	NA	0	0	0	24.2	NA	NA	NA	NA	NA
16	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
17	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
18	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
19	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
20	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
21	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
22	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
23	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
24	NA	NA	NA	0	1.3	0	NA	NA	NA	NA	NA	NA
25	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
26	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
27	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
28	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
29	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA
30	NA	NA	NA	3.1	0	0	NA	NA	NA	NA	NA	NA
31	NA	NA	NA	0	0	0	NA	NA	NA	NA	NA	NA

Annual Monsoon

Total 1.4 0.0

MAXin24Hr 1.3 0.0
 Date 24 0
 \$ >= 1.0 1 0
 O 1- 9.9 1 0
 F 10-24.9 0 0
 D 25-49.9 0 0
 A 50-99.9 0 0
 Y >=100 0 0

DAILY RAINFALL IN mm.

STATION :
INDEX NO. : 0624
ESTD. DATE :

LAT : ' '
LONG : ' '
ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	0	0	0	NA	0	NA	NA	NA
2	NA	NA	NA	NA	0	0	0	NA	0	NA	NA	NA
3	NA	NA	NA	NA	0	0	0	NA	0	NA	NA	NA
4	NA	NA	NA	NA	2.5	0	0	NA	0	NA	NA	NA
5	NA	NA	NA	NA	0	0	0	NA	0	NA	NA	NA
6	NA	NA	NA	0	0	0	0	NA	0	NA	NA	NA
7	NA	NA	NA	0	0	0	0.5	NA	0	NA	NA	NA
8	NA	NA	NA	0	0	0	0	NA	0	NA	NA	NA
9	NA	NA	NA	0	0	0	0	NA	0	NA	NA	NA
10	NA	NA	NA	0	0	0	0	NA	0	NA	NA	NA
11	NA	NA	NA	0	0	0	0	NA	0	NA	NA	NA
12	NA	NA	NA	0	0	0	5.5	NA	2.0	NA	NA	NA
13	NA	NA	NA	0	0	0	6.0	NA	2.0	NA	NA	NA
14	NA	NA	NA	0	0	0	4.0	NA	0	NA	NA	NA
15	NA	NA	NA	0	0	0	5.5	NA	0	NA	NA	NA
16	NA	NA	NA	0	0	0	NA	NA	0	NA	NA	NA
17	NA	NA	NA	0	0	0	NA	1.0	NA	NA	NA	NA
18	NA	NA	NA	0	1.0	0	NA	2.0	NA	NA	NA	NA
19	NA	NA	NA	0	0	0	NA	3.0	NA	NA	NA	NA
20	NA	NA	NA	0	0	0	NA	0	NA	NA	NA	NA
21	NA	NA	NA	0	1.0	6.7	NA	5.0	NA	NA	NA	NA
22	NA	NA	NA	0	0	0	NA	6.0	NA	NA	NA	NA
23	NA	NA	NA	0	0	1.0	NA	1.3	NA	NA	NA	NA
24	NA	NA	NA	0	0	1.0	NA	2.5	NA	NA	NA	NA
25	NA	NA	NA	0	3.2	0	NA	4.3	NA	NA	NA	NA
26	NA	NA	NA	0	0	0	NA	3.0	NA	NA	NA	NA
27	NA	NA	NA	0	0	0	NA	7.0	NA	NA	NA	NA
28	NA	NA	NA	0	0	0	NA	2.0	NA	NA	NA	NA
29	NA	NA	NA	0	0	0	NA	2.0	NA	NA	NA	NA
30	NA	NA	NA	1.5	0	0	NA	0	NA	NA	NA	NA
31	NA	NA	NA	0	0	0	NA	0	NA	NA	NA	NA

Annual Monsoon

Total 7.7 8.7

MAXin24Hr	3.2	6.7
Date	25	21
# >= 1.0	4	3
0 1- 9.9	4	3
P 10-24.9	0	0
D 25-49.9	0	0
A 50-99.9	0	0
Y >=100	0	0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0625
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	NA	NA	0	3.5	NA	NA	NA	NA
2	NA	NA	NA	NA	NA	NA	0	15.6	NA	NA	NA	NA
3	NA	NA	NA	NA	NA	NA	0	19.0	NA	NA	NA	NA
4	NA	NA	NA	NA	NA	NA	0	2.3	NA	NA	NA	NA
5	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
6	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
7	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
8	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
9	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
10	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
11	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
12	NA	NA	NA	NA	NA	NA	2.1	0	NA	NA	NA	NA
13	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
14	NA	NA	NA	NA	NA	NA	0	3.4	NA	NA	NA	NA
15	NA	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA
16	NA	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA
17	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
18	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
19	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
20	NA	NA	NA	NA	NA	0	5.3	NA	NA	NA	NA	NA
21	NA	NA	NA	NA	NA	0	4.0	NA	NA	NA	NA	NA
22	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
23	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
24	NA	NA	NA	NA	NA	0	1.5	NA	NA	NA	NA	NA
25	NA	NA	NA	NA	NA	0	5.6	NA	NA	NA	NA	NA
26	NA	NA	NA	NA	NA	0	3.5	NA	NA	NA	NA	NA
27	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	0	3.3	NA	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	0	3.2	NA	NA	NA	NA	NA

Annual Monsoon

Total 28.5

MAXin24Hr 5.6
 Date 25
 # >= 1.0 8
 O 1- 9.9 8
 F 10-24.9 0
 D 25-49.9 0
 A 50-99.9 0
 Y >=100 0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0825
 RSTD.DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	NA	NA	0	3.5	NA	NA	NA	NA
2	NA	NA	NA	NA	NA	NA	0	15.6	NA	NA	NA	NA
3	NA	NA	NA	NA	NA	NA	0	19.0	NA	NA	NA	NA
4	NA	NA	NA	NA	NA	NA	0	2.3	NA	NA	NA	NA
5	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
6	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
7	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
8	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
9	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
10	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
11	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
12	NA	NA	NA	NA	NA	NA	2.1	0	NA	NA	NA	NA
13	NA	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA
14	NA	NA	NA	NA	NA	NA	0	3.4	NA	NA	NA	NA
15	NA	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA
16	NA	NA	NA	NA	NA	0	0	0	NA	NA	NA	NA
17	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
18	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
19	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
20	NA	NA	NA	NA	NA	0	5.3	NA	NA	NA	NA	NA
21	NA	NA	NA	NA	NA	0	4.0	NA	NA	NA	NA	NA
22	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
23	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
24	NA	NA	NA	NA	NA	0	1.5	NA	NA	NA	NA	NA
25	NA	NA	NA	NA	NA	0	5.6	NA	NA	NA	NA	NA
26	NA	NA	NA	NA	NA	0	3.5	NA	NA	NA	NA	NA
27	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	0	3.3	NA	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	0	0	NA	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	0	3.2	NA	NA	NA	NA	NA

Annual Monsoon

Total 28.5

MAXin24Hr 5.6
 Date 25
 # >= 1.0 8
 0 1- 9.9 8
 F 10-24.9 0
 D 25-49.9 0
 A 50-99.9 0
 Y >=100 0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0626
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	0	8.0	0	NA	42.5	NA	NA	NA	NA
2	NA	NA	NA	0	22.0	0	NA	31.7	NA	NA	NA	NA
3	NA	NA	NA	0	2.0	0	NA	18.0	NA	NA	NA	NA
4	NA	NA	NA	0	11.0	0	NA	21.0	NA	NA	NA	NA
5	NA	NA	NA	0	5.0	0	NA	2.7	NA	NA	NA	NA
6	NA	NA	NA	0	27.0	3.0	NA	17.5	NA	NA	NA	NA
7	NA	NA	NA	0	0	0	NA	42.0	NA	NA	NA	NA
8	NA	NA	NA	0	10.0	13.0	NA	17.0	NA	NA	NA	NA
9	NA	NA	NA	0	0	8.0	NA	1.2	NA	NA	NA	NA
10	NA	NA	NA	0	0	12.0	NA	8.0	NA	NA	NA	NA
11	NA	NA	NA	0	2.0	3.0	NA	8.1	NA	NA	NA	NA
12	NA	NA	NA	0	6.0	6.0	NA	0.4	NA	NA	NA	NA
13	NA	NA	NA	0	0	0	NA	0.5	NA	NA	NA	NA
14	NA	NA	NA	0	0	1.6	NA	2.8	NA	NA	NA	NA
15	NA	NA	NA	0	0	1.4	NA	51.2	NA	NA	NA	NA
16	NA	NA	NA	0	0	0	NA	13.5	NA	NA	NA	NA
17	NA	NA	NA	0	17.0	0	NA	15.8	NA	NA	NA	NA
18	NA	NA	NA	2.0	0	0	NA	2.5	NA	NA	NA	NA
19	NA	NA	NA	0	0	0.5	NA	3.8	NA	NA	NA	NA
20	NA	NA	NA	0	0	6.4	NA	14.4	NA	NA	NA	NA
21	NA	NA	NA	0	7.0	23.7	NA	16.0	NA	NA	NA	NA
22	NA	NA	NA	0	0	51.5	NA	25.0	NA	NA	NA	NA
23	NA	NA	NA	0	0	4.0	NA	37.7	NA	NA	NA	NA
24	NA	NA	NA	0	0	4.8	NA	41.2	NA	NA	NA	NA
25	NA	NA	NA	0	8.0	0.5	NA	46.0	NA	NA	NA	NA
26	NA	NA	NA	0	0	14.2	NA	7.1	NA	NA	NA	NA
27	NA	NA	NA	0	40.0	0	NA	6.6	NA	NA	NA	NA
28	NA	NA	NA	0	0	0	NA	3.4	NA	NA	NA	NA
29	NA	NA	NA	13.0	0	32.9	NA	8.3	NA	NA	NA	NA
30	NA	NA	NA	10.0	8.0	1.4	NA	27.4	NA	NA	NA	NA
31	NA	NA	NA	0	0	0	NA	16.1	NA	NA	NA	NA

Annual Monsoon

Total 25.0 173.0 187.9 549.4

MAXin24Hr	13.0	40.0	51.5	51.2
Date	29	27	22	15
# >= 1.0	3	14	16	29
O 1- 9.9	1	8	10	11
F 10-24.9	2	4	4	9
D 25-49.9	0	2	1	8
A 50-99.9	0	0	1	1
Y >=100	0	0	0	0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0627
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	0	7.4	0	0	40.0	NA	NA	NA	NA
2	NA	NA	NA	0	1.5	0	0	5.5	NA	NA	NA	NA
3	NA	NA	NA	0	0	0	0	0	NA	NA	NA	NA
4	NA	NA	NA	0	10.0	0	2.5	8.0	NA	NA	NA	NA
5	NA	NA	NA	0	16.0	0	1.5	5.0	NA	NA	NA	NA
6	NA	NA	NA	0	2.0	11.0	0	39.0	NA	NA	NA	NA
7	NA	NA	NA	0	0	2.0	2.0	9.0	NA	NA	NA	NA
8	NA	NA	NA	0	0	15.5	8.0	3.0	NA	NA	NA	NA
9	NA	NA	NA	0	T	9.0	7.0	3.0	NA	NA	NA	NA
10	NA	NA	NA	0	0	5.0	2.0	4.0	NA	NA	NA	NA
11	NA	NA	NA	0	10.5	0	9.0	2.0	NA	NA	NA	NA
12	NA	NA	NA	0	3.0	0	6.0	0	NA	NA	NA	NA
13	NA	NA	NA	0	0	4.0	4.0	0	NA	NA	NA	NA
14	NA	NA	NA	0	3.5	0	6.0	39.0	NA	NA	NA	NA
15	NA	NA	NA	0	2.9	3.5	3.0	7.0	NA	NA	NA	NA
16	NA	NA	NA	0	1.0	0	0	10.0	NA	NA	NA	NA
17	NA	NA	NA	0	0	0	9.0	8.5	NA	NA	NA	NA
18	NA	NA	NA	0	0	0	15.0	7.0	NA	NA	NA	NA
19	NA	NA	NA	1.8	0	2.0	8.0	9.0	NA	NA	NA	NA
20	NA	NA	NA	0	0	5.5	7.0	9.5	NA	NA	NA	NA
21	NA	NA	NA	0	9.5	36.0	16.0	7.0	NA	NA	NA	NA
22	NA	NA	NA	0	0	1.5	7.0	27.0	NA	NA	NA	NA
23	NA	NA	NA	0	0	38.9	15.0	9.0	NA	NA	NA	NA
24	NA	NA	NA	0	0	0	1.0	35.0	NA	NA	NA	NA
25	NA	NA	NA	0	6.8	6.0	14.0	29.0	NA	NA	NA	NA
26	NA	NA	NA	0	0	9.5	14.0	29.0	NA	NA	NA	NA
27	NA	NA	NA	0	14.2	6.0	5.0	3.0	NA	NA	NA	NA
28	NA	NA	NA	1.2	0	0	3.0	9.0	NA	NA	NA	NA
29	NA	NA	NA	2.5	11.0	0	0	6.0	NA	NA	NA	NA
30	NA	NA	NA	1.5	0	0	0	8.0	NA	NA	NA	NA
31	NA	NA	NA	0	0	0	43.0	16.0	NA	NA	NA	NA

Annual Monsoon

Total 7.0 99.3 155.4 208.0 386.5

MAXin24Hr	2.5	16.0	38.9	43.0	40.0
Date	29	5	23	31	1
\$ >= 1.0	4	14	15	24	28
0 1- 9.9	4	9	11	18	19
F 10-24.9	0	5	2	5	2
D 25-49.9	0	0	2	1	7
A 50-99.9	0	0	0	0	0
Y >=100	0	0	0	0	0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0628
 BSTD. DATE :

LAT : ' '
 LONG : ' '
 BLRV : W.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	0	5.0	0	1.2	87.0	NA	NA	NA	NA
2	NA	NA	NA	0	T	0	3.3	13.3	NA	NA	NA	NA
3	NA	NA	NA	T	T	0	8.0	30.0	NA	NA	NA	NA
4	NA	NA	NA	0	T	0	0	38.0	NA	NA	NA	NA
5	NA	NA	NA	T	8.0	0	5.2	25.5	NA	NA	NA	NA
6	NA	NA	NA	0	T	4.0	6.2	2.5	NA	NA	NA	NA
7	NA	NA	NA	0	0	5.5	22.2	5.0	NA	NA	NA	NA
8	NA	NA	NA	0	0	5.7	23.4	7.0	NA	NA	NA	NA
9	NA	NA	NA	0	1.6	9.0	44.0	5.5	NA	NA	NA	NA
10	NA	NA	NA	0	T	10.0	25.4	17.0	NA	NA	NA	NA
11	NA	NA	NA	0	T	1.2	15.0	3.3	NA	NA	NA	NA
12	NA	NA	NA	0	T	2.3	28.0	15.0	NA	NA	NA	NA
13	NA	NA	NA	0	T	2.0	4.3	45.0	NA	NA	NA	NA
14	NA	NA	NA	0	4.0	4.0	0	1.4	NA	NA	NA	NA
15	NA	NA	NA	0	0	4.2	T	32.3	NA	NA	NA	NA
16	NA	NA	NA	0	T	16.3	19.3	0.2	NA	NA	NA	NA
17	NA	NA	NA	0	0	10.0	8.0	23.4	NA	NA	NA	NA
18	NA	NA	NA	1.1	0	9.0	6.0	32.0	NA	NA	NA	NA
19	NA	NA	NA	0	0	9.0	38.0	32.0	NA	NA	NA	NA
20	NA	NA	NA	0	6.9	T	8.0	50.0	NA	NA	NA	NA
21	NA	NA	NA	0	T	4.0	59.0	NA	NA	NA	NA	NA
22	NA	NA	NA	0	1.1	4.0	22.5	50.0	NA	NA	NA	NA
23	NA	NA	NA	0	1.2	27.0	35.0	64.0	NA	NA	NA	NA
24	NA	NA	NA	0	2.2	7.0	8.5	24.0	NA	NA	NA	NA
25	NA	NA	NA	0	T	2.0	5.5	29.0	NA	NA	NA	NA
26	NA	NA	NA	T	T	T	2.5	2.7	NA	NA	NA	NA
27	NA	NA	NA	T	3.0	T	1.3	27.8	NA	NA	NA	NA
28	NA	NA	NA	T	T	2.0	74.0	38.0	NA	NA	NA	NA
29	NA	NA	NA	1.9	0	3.0	19.0	2.0	NA	NA	NA	NA
30	NA	NA	NA	5.5	0	0.7	8.0	5.4	NA	NA	NA	NA
31	NA	NA	NA	0	0	0	8.2	1.0	NA	NA	NA	NA

Annual Monsoon

Total 8.5 33.0 141.9 509.0

MAXin24Hr	5.5	8.0	27.0	74.0
Date	30	5	23	28
# >= 1.0	3	9	21	28
O 1- 9.9	3	9	17	15
F 10-24.9	0	0	3	6
D 25-49.9	0	0	1	5
A 50-99.9	0	0	0	2
Y >=100	0	0	0	0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0629
 ESTD. DATE :

LAT : ° '
 LONG : ° '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	2.0	0	6.1	NA	NA	NA	NA	NA
2	NA	NA	NA	NA	0	0	5.0	NA	NA	NA	NA	NA
3	NA	NA	NA	0	T	0	2.1	NA	NA	NA	NA	NA
4	NA	NA	NA	0	0	0	13.5	NA	NA	NA	NA	NA
5	NA	NA	NA	0	6.0	0	3.5	NA	NA	NA	NA	NA
6	NA	NA	NA	0	0	5.0	32.0	NA	NA	NA	NA	NA
7	NA	NA	NA	0	0	6.6	18.0	NA	NA	NA	NA	NA
8	NA	NA	NA	0	0	6.0	1.0	NA	NA	NA	NA	NA
9	NA	NA	NA	0	0.8	8.0	14.0	NA	NA	NA	NA	NA
10	NA	NA	NA	0	0	11.0	8.0	NA	NA	NA	NA	NA
11	NA	NA	NA	0	0	2.0	6.0	NA	NA	NA	NA	NA
12	NA	NA	NA	0	0	2.2	13.0	NA	NA	NA	NA	NA
13	NA	NA	NA	0	1.8	1.5	12.0	NA	NA	NA	NA	NA
14	NA	NA	NA	0	0	3.0	8.0	NA	NA	NA	NA	NA
15	NA	NA	NA	0	0	5.1	0	NA	NA	NA	NA	NA
16	NA	NA	NA	0	0	14.0	0	NA	NA	NA	NA	NA
17	NA	NA	NA	0	0	0	21.3	NA	NA	NA	NA	NA
18	NA	NA	NA	0.8	5.2	0	18.2	NA	NA	NA	NA	NA
19	NA	NA	NA	0	0	18.5	4.5	NA	NA	NA	NA	NA
20	NA	NA	NA	0	0.6	11.9	31.5	NA	NA	NA	NA	NA
21	NA	NA	NA	0	0	57.0	15.5	NA	NA	NA	NA	NA
22	NA	NA	NA	0	T	13.6	13.0	NA	NA	NA	NA	NA
23	NA	NA	NA	0	T	27.0	8.0	NA	NA	NA	NA	NA
24	NA	NA	NA	0	1.2	23.0	76.3	NA	NA	NA	NA	NA
25	NA	NA	NA	0	0	16.5	42.0	NA	NA	NA	NA	NA
26	NA	NA	NA	T	0	14.2	16.4	NA	NA	NA	NA	NA
27	NA	NA	NA	T	1.4	5.5	4.2	NA	NA	NA	NA	NA
28	NA	NA	NA	0	0	1.6	25.4	NA	NA	NA	NA	NA
29	NA	NA	NA	1.0	0	2.2	8.0	NA	NA	NA	NA	NA
30	NA	NA	NA	4.7	0	6.0	7.3	NA	NA	NA	NA	NA
31	NA	NA	NA	0	0	89.0	0	NA	NA	NA	NA	NA

Annual Monsoon

Total 19.0 261.4 502.8

MAXin24Hr	6.0	57.0	76.3
Date	5	21	24
# >= 1.0	6	23	29
0 1- 9.9	6	13	13
P 10-24.9	0	8	10
D 25-49.9	0	1	4
A 50-99.9	0	1	2
Y >=100	0	0	0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0630
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	0	2.9	0	2.5	76.0	NA	NA	NA	NA
2	NA	NA	NA	0	1.1	0	0	17.1	NA	NA	NA	NA
3	NA	NA	NA	0	0	0	0.8	14.6	NA	NA	NA	NA
4	NA	NA	NA	0	9.3	0	0	2.0	NA	NA	NA	NA
5	NA	NA	NA	0	8.0	0	0	0.3	NA	NA	NA	NA
6	NA	NA	NA	0	0	16.3	51.1	0.8	NA	NA	NA	NA
7	NA	NA	NA	0	0	0	18.4	120.0	NA	NA	NA	NA
8	NA	NA	NA	0	0	30.8	6.6	0.7	NA	NA	NA	NA
9	NA	NA	NA	0	0	T	17.5	1.0	NA	NA	NA	NA
10	NA	NA	NA	0	0	14.1	0	1.5	NA	NA	NA	NA
11	NA	NA	NA	0	3.2	0	8.4	0.8	NA	NA	NA	NA
12	NA	NA	NA	0	3.4	6.2	21.0	0	NA	NA	NA	NA
13	NA	NA	NA	0	0	20.8	25.5	5.4	NA	NA	NA	NA
14	NA	NA	NA	0	22.8	0	20.6	10.4	NA	NA	NA	NA
15	NA	NA	NA	0	0	11.6	0	78.5	NA	NA	NA	NA
16	NA	NA	NA	0	1.8	0	4.5	3.6	NA	NA	NA	NA
17	NA	NA	NA	0	0	0	39.0	2.3	NA	NA	NA	NA
18	NA	NA	NA	0	0	2.4	17.9	14.5	NA	NA	NA	NA
19	NA	NA	NA	0	0	46.9	21.5	24.3	NA	NA	NA	NA
20	NA	NA	NA	0	7.8	10.2	15.4	9.5	NA	NA	NA	NA
21	NA	NA	NA	0	0	54.6	11.0	6.0	NA	NA	NA	NA
22	NA	NA	NA	0	0	2.3	4.1	35.3	NA	NA	NA	NA
23	NA	NA	NA	0	0	98.9	0.3	18.9	NA	NA	NA	NA
24	NA	NA	NA	0	1.8	0.9	35.3	46.8	NA	NA	NA	NA
25	NA	NA	NA	0	0	18.0	2.0	34.7	NA	NA	NA	NA
26	NA	NA	NA	0	13.1	27.1	0	30.0	NA	NA	NA	NA
27	NA	NA	NA	0	1.9	35.1	25.8	42.0	NA	NA	NA	NA
28	NA	NA	NA	7.4	4.0	9.9	0	5.4	NA	NA	NA	NA
29	NA	NA	NA	6.1	T	19.9	0.3	17.1	NA	NA	NA	NA
30	NA	NA	NA	T	1.1	5.5	0	0.2	NA	NA	NA	NA
31	NA	NA	NA	0	0	0	56.1	0	NA	NA	NA	NA

Annual Monsoon

Total 13.5 82.2 431.5 405.6 619.7

MAXin24Hr	7.4	22.8	98.9	56.1	120.0
Date	28	14	23	31	7
# >= 1.0	2	14	18	20	24
0 1- 9.9	2	12	5	6	9
F 10-24.9	0	2	7	8	7
D 25-49.9	0	0	4	4	5
A 50-99.9	0	0	2	2	2
Y >=100	0	0	0	0	1

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0828
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 BLRV : N.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	NA	NA	19.0	49.5	4.5	NA	NA	NA
2	NA	NA	NA	NA	NA	NA	22.0	19.4	8.0	NA	NA	NA
3	NA	NA	NA	NA	NA	NA	20.0	27.0	16.3	NA	NA	NA
4	NA	NA	NA	NA	NA	NA	8.2	27.0	4.5	NA	NA	NA
5	NA	NA	NA	NA	NA	NA	0	5.5	19.5	NA	NA	NA
6	NA	NA	NA	NA	NA	NA	9.0	40.0	15.0	NA	NA	NA
7	NA	NA	NA	NA	NA	NA	0	60.0	29.0	NA	NA	NA
8	NA	NA	NA	NA	NA	NA	2.3	36.0	27.0	NA	NA	NA
9	NA	NA	NA	NA	NA	NA	1.0	30.5	24.0	NA	NA	NA
10	NA	NA	NA	NA	NA	NA	11.0	46.5	26.0	NA	NA	NA
11	NA	NA	NA	NA	NA	NA	17.0	14.2	8.5	NA	NA	NA
12	NA	NA	NA	NA	NA	NA	18.5	26.0	23.5	NA	NA	NA
13	NA	NA	NA	NA	NA	NA	10.7	17.0	57.5	NA	NA	NA
14	NA	NA	NA	NA	NA	NA	21.0	0	29.0	NA	NA	NA
15	NA	NA	NA	NA	NA	NA	11.0	41.0	20.0	NA	NA	NA
16	NA	NA	NA	NA	NA	NA	10.0	18.0	7.0	NA	NA	NA
17	NA	NA	NA	NA	NA	NA	33.0	5.5	NA	NA	NA	NA
18	NA	NA	NA	NA	NA	NA	33.0	30.5	NA	NA	NA	NA
19	NA	NA	NA	NA	NA	NA	20.0	15.3	NA	NA	NA	NA
20	NA	NA	NA	NA	NA	NA	35.6	10.1	NA	NA	NA	NA
21	NA	NA	NA	NA	NA	NA	24.0	11.0	NA	NA	NA	NA
22	NA	NA	NA	NA	NA	NA	18.2	45.5	NA	NA	NA	NA
23	NA	NA	NA	NA	NA	NA	15.4	18.0	NA	NA	NA	NA
24	NA	NA	NA	NA	NA	NA	87.0	38.5	NA	NA	NA	NA
25	NA	NA	NA	NA	NA	NA	50.0	50.0	NA	NA	NA	NA
26	NA	NA	NA	NA	NA	NA	39.2	18.0	NA	NA	NA	NA
27	NA	NA	NA	NA	NA	NA	3.4	35.0	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	NA	3.5	4.5	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	4.1	17.5	1.0	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	4.6	3.0	18.0	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	NA	45.0	12.2	NA	NA	NA	NA

Annual Monsoon

Total 608.5 770.7

MAXin24Hr	87.0	60.0
Date	24	7
# >= 1.0	29	30
O 1- 9.9	7	4
F 10-24.9	15	11
D 25-49.9	5	13
A 50-99.9	2	2
Y >=100	0	0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0829
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	13.4	0	13.1	115.7	NA	NA	NA	NA
2	NA	NA	NA	NA	15.3	0	6.0	10.7	NA	NA	NA	NA
3	NA	NA	NA	NA	9.6	0	18.4	24.4	NA	NA	NA	NA
4	NA	NA	NA	NA	27.5	0	63.4	13.4	NA	NA	NA	NA
5	NA	NA	NA	NA	3.7	0.2	20.0	2.7	NA	NA	NA	NA
6	NA	NA	NA	NA	8.1	56.2	13.6	110.0	NA	NA	NA	NA
7	NA	NA	NA	NA	5.6	0.5	4.7	59.3	NA	NA	NA	NA
8	NA	NA	NA	NA	0	37.8	6.8	8.0	NA	NA	NA	NA
9	NA	NA	NA	NA	27.2	1.7	10.3	13.5	NA	NA	NA	NA
10	NA	NA	NA	NA	0	4.6	10.6	33.2	NA	NA	NA	NA
11	NA	NA	NA	NA	6.5	0	3.5	12.4	NA	NA	NA	NA
12	NA	NA	NA	NA	3.7	26.9	32.6	2.6	NA	NA	NA	NA
13	NA	NA	NA	NA	0	5.3	14.8	11.5	NA	NA	NA	NA
14	NA	NA	NA	NA	0.9	1.4	24.6	2.1	NA	NA	NA	NA
15	NA	NA	NA	NA	10.8	18.5	8.9	45.3	NA	NA	NA	NA
16	NA	NA	NA	NA	1.6	0	9.7	3.5	NA	NA	NA	NA
17	NA	NA	NA	NA	0.2	0	55.3	29.1	NA	NA	NA	NA
18	NA	NA	NA	NA	T	24.6	29.7	14.6	NA	NA	NA	NA
19	NA	NA	NA	NA	0	30.2	116.4	7.2	NA	NA	NA	NA
20	NA	NA	NA	NA	0	74.5	11.0	8.7	NA	NA	NA	NA
21	NA	NA	NA	0	20.5	128.9	67.7	37.5	NA	NA	NA	NA
22	NA	NA	NA	0	0	1.6	43.9	107.3	NA	NA	NA	NA
23	NA	NA	NA	0	4.3	73.2	6.9	43.8	NA	NA	NA	NA
24	NA	NA	NA	0	T	1.0	66.0	71.3	NA	NA	NA	NA
25	NA	NA	NA	0	11.6	21.0	22.3	54.1	NA	NA	NA	NA
26	NA	NA	NA	T	2.1	1.5	0.3	22.0	NA	NA	NA	NA
27	NA	NA	NA	0.2	30.3	0.6	57.0	14.7	NA	NA	NA	NA
28	NA	NA	NA	0.3	T	6.5	1.7	17.2	NA	NA	NA	NA
29	NA	NA	NA	21.2	1.0	17.1	1.5	31.6	NA	NA	NA	NA
30	NA	NA	NA	1.2	3.7	18.0	0	1.6	NA	NA	NA	NA
31	NA	NA	NA	T	T	T	71.0	34.3	NA	NA	NA	NA

Annual Monsoon

Total 207.6 551.8 811.7 963.3

MAXin24Hr	30.3	128.9	116.4	115.7
Date	27	21	19	1
# >= 1.0	19	20	29	31
0 1- 9.9	11	8	9	8
F 10-24.9	5	5	10	10
D 25-49.9	3	3	3	7
A 50-99.9	0	3	6	3
Y >=100	0	1	1	3

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0830
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	15.1	0	NA	NA	NA	NA	NA	NA
2	NA	NA	NA	NA	16.2	0	NA	NA	NA	NA	NA	NA
3	NA	NA	NA	NA	14.4	0	NA	NA	NA	NA	NA	NA
4	NA	NA	NA	NA	11.9	0	NA	NA	NA	NA	NA	NA
5	NA	NA	NA	NA	6.7	0	NA	NA	NA	NA	NA	NA
6	NA	NA	NA	NA	6.7	16.4	NA	NA	NA	NA	NA	NA
7	NA	NA	NA	NA	11.4	2.1	NA	NA	NA	NA	NA	NA
8	NA	NA	NA	NA	0	44.5	NA	NA	NA	NA	NA	NA
9	NA	NA	NA	NA	10.0	1.0	NA	NA	NA	NA	NA	NA
10	NA	NA	NA	NA	0	7.3	NA	NA	NA	NA	NA	NA
11	NA	NA	NA	NA	15.2	0	NA	NA	NA	NA	NA	NA
12	NA	NA	NA	NA	1.3	38.0	NA	NA	NA	NA	NA	NA
13	NA	NA	NA	NA	0	9.5	NA	NA	NA	NA	NA	NA
14	NA	NA	NA	NA	1.3	11.5	NA	NA	NA	NA	NA	NA
15	NA	NA	NA	NA	21.2	3.4	NA	NA	NA	NA	NA	NA
16	NA	NA	NA	NA	1.4	4.3	NA	NA	NA	NA	NA	NA
17	NA	NA	NA	NA	16.4	4.2	NA	NA	NA	NA	NA	NA
18	NA	NA	NA	NA	2.4	9.6	NA	NA	NA	NA	NA	NA
19	NA	NA	NA	NA	0	36.6	NA	NA	NA	NA	NA	NA
20	NA	NA	NA	0	0	65.9	NA	NA	NA	NA	NA	NA
21	NA	NA	NA	0	19.9	94.7	NA	NA	NA	NA	NA	NA
22	NA	NA	NA	0	0	T	NA	NA	NA	NA	NA	NA
23	NA	NA	NA	0	3.6	70.0	NA	NA	NA	NA	NA	NA
24	NA	NA	NA	0	0.6	T	NA	NA	NA	NA	NA	NA
25	NA	NA	NA	0	20.6	17.6	NA	NA	NA	NA	NA	NA
26	NA	NA	NA	0	2.6	8.1	NA	NA	NA	NA	NA	NA
27	NA	NA	NA	2.9	50.5	20.9	NA	NA	NA	NA	NA	NA
28	NA	NA	NA	5.1	0	12.5	NA	NA	NA	NA	NA	NA
29	NA	NA	NA	11.6	0.6	46.1	NA	NA	NA	NA	NA	NA
30	NA	NA	NA	2.1	11.0	38.9	NA	NA	NA	NA	NA	NA
31	NA	NA	NA		0.4		NA	NA	NA	NA	NA	NA

Annual Monsoon

Total 261.4 563.1

MAXin24Hr	50.5	94.7
Date	27	21
# >= 1.0	21	22
O 1- 9.9	8	9
F 10-24.9	12	5
D 25-49.9	0	5
A 50-99.9	1	3
Y >=100	0	0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0831
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	1.0	0	42.0	76.2	NA	NA	NA	NA
2	NA	NA	NA	NA	0	0	0	26.8	NA	NA	NA	NA
3	NA	NA	NA	NA	0	0	0	28.0	NA	NA	NA	NA
4	NA	NA	NA	NA	0.1	0	0	5.0	NA	NA	NA	NA
5	NA	NA	NA	NA	5.6	1.7	58.0	5.5	NA	NA	NA	NA
6	NA	NA	NA	NA	0	8.5	7.0	2.0	NA	NA	NA	NA
7	NA	NA	NA	NA	0	2.0	47.5	85.0	NA	NA	NA	NA
8	NA	NA	NA	NA	0	29.0	9.0	0	NA	NA	NA	NA
9	NA	NA	NA	NA	2.5	0	26.0	1.5	NA	NA	NA	NA
10	NA	NA	NA	NA	21.5	24.2	4.5	0	NA	NA	NA	NA
11	NA	NA	NA	NA	0	0	16.0	0	NA	NA	NA	NA
12	NA	NA	NA	NA	0.4	16.0	2.0	0	NA	NA	NA	NA
13	NA	NA	NA	NA	0	0.8	30.0	2.0	NA	NA	NA	NA
14	NA	NA	NA	NA	0	0	3.5	0	NA	NA	NA	NA
15	NA	NA	NA	NA	0	40.2	0	70.0	NA	NA	NA	NA
16	NA	NA	NA	NA	0	0	2.0	4.5	NA	NA	NA	NA
17	NA	NA	NA	NA	0	0	26.0	2.0	NA	NA	NA	NA
18	NA	NA	NA	NA	0	3.9	6.5	40.0	NA	NA	NA	NA
19	NA	NA	NA	NA	0	8.5	11.0	11.0	NA	NA	NA	NA
20	NA	NA	NA	NA	0	3.1	19.0	0	NA	NA	NA	NA
21	NA	NA	NA	NA	29.0	52.8	10.0	40.0	NA	NA	NA	NA
22	NA	NA	NA	NA	0	19.8	4.0	18.0	NA	NA	NA	NA
23	NA	NA	NA	NA	0	0	5.0	11.5	NA	NA	NA	NA
24	NA	NA	NA	NA	0	0	8.5	77.0	NA	NA	NA	NA
25	NA	NA	NA	NA	0	0	17.5	25.0	NA	NA	NA	NA
26	NA	NA	NA	NA	0	53.0	3.0	34.0	NA	NA	NA	NA
27	NA	NA	NA	NA	0	0	1.5	35.0	NA	NA	NA	NA
28	NA	NA	NA	NA	10.0	10.5	0	0	NA	NA	NA	NA
29	NA	NA	NA	NA	1.8	5.5	3.5	0	NA	NA	NA	NA
30	NA	NA	NA	NA	2.0	3.0	0	0	NA	NA	NA	NA
31	NA	NA	NA	NA	0	0	64.0	1.0	NA	NA	NA	NA

Annual Monsoon

Total 73.9 282.5 427.0 601.0

MAXin24Hr	29.0	53.0	64.0	85.0
Date	21	26	31	7
# >= 1.0	8	16	25	22
O 1- 9.9	5	8	13	8
F 10-24.9	2	4	5	3
D 25-49.9	1	2	5	7
A 50-99.9	0	2	2	4
Y >=100	0	0	0	0

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0923
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : H.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Annual Monsoon

Total

MAXin24Hr
 Date
 # >= 1.0
 0 1- 9.9
 F 10-24.9
 D 25-49.9
 A 50-99.9
 Y >=100

DAILY RAINFALL IN mm.

STATION :
 INDEX NO. : 0924
 ESTD. DATE :

LAT : ' '
 LONG : ' '
 ELEV : M.

1992

Date	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Annual Monsoon

Total

MAXin24Hr
 Date
 # >= 1.0
 O 1- 9.9
 P 10-24.9
 D 25-49.9
 A 50-99.9
 Y >=100

III.2 WATER LEVEL RECORD IN 1992

III.2.1 DAILY MEAN RECORD

SATTION		595	* TATOPANI	403.5	* KALLERI	406	* SETIBENI	410				
BASIN		JAMUNI RIVER	* KALIGANDAKI RIVER		* KALIGANDAKI RIVER		* KALIGANDAKI RIVER					
DATE		STAFF GAUGE READING		HOURLY*		STAFF GAUGE READING		HOURLY*				
		8:00	12:00	16:00	DAYLY	DAILY	8:00	12:00	16:00	DAYLY	DAILY	
		MEAN		MEAN		MEAN		MEAN		MEAN		
MARCH	15	ERR		ERR		0.43	0.43			ERR		
	16	ERR		ERR		0.45	0.43	0.45	0.44	0.42	ERR	
	17	ERR		ERR		0.45	0.52	0.50	0.49	0.45	ERR	
	18	ERR		ERR		0.50	0.49	0.45	0.48	0.44	ERR	
	19	ERR		ERR		0.50	0.48	0.49	0.49	0.45	ERR 0.92	
	20	ERR		ERR		0.55	0.52	0.50	0.52	0.48	ERR 0.93	
	21	ERR		ERR		0.55	0.53	0.52	0.53	0.49	ERR 0.94	
	22	ERR		ERR		0.55	0.52	0.50	0.52	0.48	ERR 0.94	
	23	ERR		ERR		0.55	0.54	0.50	0.53	0.47	ERR 0.93	
	24	ERR		ERR		0.48	0.47	0.46	0.47	0.44	ERR 0.93	
	25	ERR		ERR		0.46	0.46	0.47	0.46	0.43	ERR 0.94	
	26	ERR		ERR		0.45	0.46	0.54	0.48	0.42	ERR 0.95	
	27	ERR		ERR		0.56	0.53	0.54	0.54	0.48	ERR 0.96	
	28	ERR		ERR		0.65	0.63	0.58	0.62	0.55	ERR 1.04	
	29	ERR		ERR		0.60	0.58	0.45	0.54	0.52	ERR 1.06	
	30	ERR		ERR		0.52	0.51	0.50	0.51	0.47	ERR 0.93	
	31	ERR		ERR		0.45	0.42	0.45	0.44	0.43	ERR 0.94	
APRIL	1	ERR		ERR		0.45	0.45	0.43	0.44	0.41	ERR 0.94	
	2	ERR		ERR		0.51	0.48	0.45	0.48	0.44	ERR 0.92	
	3	ERR		ERR		0.46	0.45	0.45	0.45	0.43	ERR 0.92	
	4	ERR		ERR		0.55	0.53	0.50	0.53	0.48	ERR 0.93	
	5	ERR		ERR		0.55	0.52	0.45	0.51	0.47	ERR 0.94	
	6	ERR		ERR		0.56	0.52	0.53	0.54	0.49	ERR 0.93	
	7	ERR		ERR		0.52	0.51	0.45	0.49	0.47	ERR 0.92	
	8	ERR		ERR		0.60	0.58	0.55	0.58	0.52	ERR 0.93	
	9	ERR		ERR		0.62	0.62	0.60	0.61	0.57	ERR 0.96	
	10	ERR		ERR		0.76	0.72	0.62	0.70	0.64	ERR 1.06	
	11	ERR		ERR		0.65	0.63	0.60	0.63	0.58	ERR 1.02	
	12	ERR		ERR		0.72	0.53	0.60	0.62	0.61	ERR 1.03	
	13	ERR		ERR		0.81	0.73	0.65	0.73	0.68	ERR 1.14	
	14	ERR		ERR		0.81	-	0.66	-	0.67	ERR 1.19	
	15	ERR		ERR		0.77	-	0.65	-	0.66	ERR 1.19	
	16	ERR		ERR		0.68	-	0.62	-	0.61	ERR 1.19	
	17	ERR		ERR		0.60	-	0.55	-	0.54	ERR 1.19	
	18	ERR		ERR		0.61	-	0.55	-	0.63	ERR 1.19	
	19	ERR		ERR		-	-	-	-	0.54	ERR 1.19	
	20	ERR	1.06	1.06	1.08	1.07	0.62	0.55	0.58	0.58	0.56	ERR 1.09
	21	ERR	1.12	1.10	1.12	1.11	0.75	0.70	0.65	0.70	0.65	ERR 1.15
	22	ERR	1.18	1.15	1.16	1.16	0.84	0.75	0.70	0.76	0.72	ERR 1.26
	23	ERR	1.12	1.10	1.16	1.13	0.69	0.65	0.60	0.65	0.60	ERR 1.18
	24	ERR	1.06	1.02	1.04	1.04	0.55	0.52	0.50	0.52	0.51	ERR 1.08
	25	ERR	1.06	1.08	1.08	1.07	0.60	0.58	0.55	0.58	0.54	ERR 1.03
	26	ERR	1.06	1.06	1.08	1.07	0.60	0.55	0.52	0.56	0.54	ERR 1.03
	27	ERR	1.06	1.06	1.06	1.06	0.56	0.55	0.52	0.54	0.52	ERR 1.04
	28	ERR	1.10	1.10	1.12	1.11	0.55	0.53	0.58	0.55	0.52	ERR 1.04
	29	ERR	1.09	1.08	1.11	1.09	0.61	0.58	0.55	0.58	0.56	ERR 1.05
	30	ERR	1.11	1.10	1.12	1.11	0.64	0.65	0.64	0.64	0.60	ERR 1.06
MAY	1	ERR	1.10	1.11	1.12	1.11	0.75	0.68	0.70	0.71	0.67	ERR 1.19
	2	ERR	1.10	1.08	1.10	1.09	0.65	0.63	0.62	0.63	0.62	ERR 1.21

3		ERR	1.10	1.09	1.12	1.10	0.76	0.65	0.60	0.67	0.69							ERR	1.21	
4		ERR	1.11	1.10	1.12	1.11	0.76	0.70	0.75	0.74	0.70							ERR	1.18	
5		ERR	1.09	1.07	1.07	1.07	0.72	0.65	0.60	0.66	0.66							ERR	1.19	
6		ERR	1.06	1.05	1.07	1.06	0.67	0.65	0.60	0.64	0.63							ERR	1.11	
7		ERR	1.08	1.06	1.08	1.07	0.76	0.68	0.64	0.69	0.68							ERR	1.14	
8		ERR	1.10	1.09	1.12	1.10	0.76	0.69	0.66	0.70	0.72							ERR	1.13	
9		ERR	1.13	1.11	1.12	1.12	0.86	0.80	0.76	0.81	0.80							ERR	1.27	
10		ERR	1.12	1.11	1.12	1.12	0.82	0.78	0.70	0.77	0.75							ERR	1.20	
11		ERR	1.15	1.13	1.15	1.14	0.86	0.80	0.75	0.80	0.80							ERR	1.25	
12		ERR	1.18	1.16	1.17	1.17	0.90	0.80	0.81	0.84	0.84							ERR	1.35	
13		ERR	1.21	1.19	1.12	1.17	0.90	0.85	0.83	0.86	0.83							ERR	1.31	
14		ERR	1.28	1.25	1.27	1.27	1.00	0.90	0.88	0.93	0.91	1.44	1.39	1.35				ERR	1.40	
15		ERR	1.19	1.16	1.18	1.18	0.90	0.90	0.85	0.88	0.81	1.30	1.29	1.25	1.28			ERR	1.32	
16		ERR	1.22	1.19	1.23	1.21	0.90	0.90	0.85	0.88	0.88	1.34	1.32	1.28	1.31	1.35		ERR	1.35	
17		ERR	1.29	1.31	1.37	1.32	1.05	1.00	0.95	1.00	1.03	1.57	1.49	1.41	1.49	1.51		ERR	1.51	
18		ERR	1.28	1.24	1.20	1.24	1.05	0.98	0.88	0.97	0.98	1.50	1.43	1.34	1.42	1.45		ERR	1.45	
19		ERR	1.18	1.16	1.17	1.17	0.85	0.85	0.82	0.84	0.82	1.30	1.26	1.21	1.26	1.30		ERR	1.30	
20		ERR	1.19	1.17	1.20	1.19	0.79	0.77	0.75	0.77	0.74	1.20	1.18	1.16	1.18	1.20		ERR	1.20	
21		ERR	1.12	1.10	1.13	1.12	0.70	0.68	0.68	0.69	0.65	1.13	1.10	1.07	1.10	1.14		ERR	1.14	
22		ERR	1.09	1.08	1.07	1.08	0.65	0.65	0.62	0.64	0.61	1.06	1.06	1.04	1.05	1.07		ERR	1.07	
23		ERR	1.08	1.06	1.07	1.07	0.62	0.60	0.68	0.63	0.59	1.02	1.03	1.02	1.02	1.04		ERR	1.04	
24		ERR	1.07	1.05	1.08	1.07	0.62	0.60	0.69	0.64	0.59	1.02	1.02	1.01	1.02	1.02		ERR	1.02	
25		ERR	1.08	1.05	1.07	1.07	0.69	0.65	0.62	0.65	0.64	1.13	1.12	1.07	1.11	1.12		ERR	1.12	
26		ERR	1.07	1.04	1.06	1.06	0.69	0.64	0.60	0.64	0.63	1.09	1.09	1.05	1.08	1.20		ERR	1.20	
27		ERR	1.37	1.30	1.22	1.30	1.15	1.18	1.00	1.11	0.90	1.08	1.41	1.50	1.33	0.99		ERR	0.99	
28		ERR	1.23	1.20	1.26	1.23	0.95	0.90	0.85	0.90	0.86	1.35	-	1.26	-	0.94		ERR	0.94	
29		ERR	1.27	1.12	1.12	1.17	0.91	0.89	0.85	0.88	0.87	1.32	1.30	1.32	1.31	0.97		ERR	0.97	
30		ERR	1.39	1.32	1.33	1.35	1.01	1.00	0.89	0.97	0.97	1.41	1.41	1.37	1.40	0.88		ERR	0.88	
31		ERR	1.29	1.25	1.21	1.25	1.00	0.95	0.89	0.95	0.96	1.47	1.40	1.34	1.40	0.85		ERR	0.85	
JUNE 1		ERR	1.17	1.16	1.20	1.18	1.20	0.85	0.80	0.82	0.82	1.29	1.26	1.22	1.26	1.11		ERR	1.11	
2		ERR	1.19	1.24	1.27	1.23		0.90	0.85	0.75	0.83	1.36	1.31	1.26	1.31	1.31		ERR	1.31	
3		ERR	1.25	1.19	1.25	1.23		0.98	0.90	0.89	0.92	1.41	1.36	1.30	1.36	1.36		ERR	1.36	
4		ERR	1.26	1.18	1.20	1.21	1.18	0.98	0.93	0.86	0.92	1.43	1.35	1.32	1.37	1.37		ERR	1.37	
5		ERR	1.23	1.21	1.25	1.23		0.97	0.92	0.95	0.95	1.31	1.35	-	-	1.34		ERR	1.34	
6		ERR	1.22	1.18	1.19	1.20	1.22	1.00	0.95	0.92	0.96	1.48	1.41	1.34	1.41	1.35		ERR	1.35	
7		ERR	1.18	1.17	1.17	1.17	1.19	1.05	0.98	0.98	1.00	1.47	1.43	-	-	1.41		ERR	1.41	
8		ERR	1.18	1.20	1.24	1.21		0.07	1.00	0.96	0.68	1.61	1.52	1.46	1.53			ERR	1.53	
9		ERR	1.24	1.18	1.20	1.21		1.18	1.09	1.06	1.11	1.62	1.55	1.47	1.55	1.60		ERR	1.60	
10		ERR	1.28	1.26	1.26	1.27		1.11	1.10	1.00	1.07	1.52	1.41	1.45	1.46	1.63		ERR	1.63	
11		ERR	1.28	1.22	1.24	1.25	1.32	1.11	1.00	0.90	1.00	1.40	1.38	1.32	1.37	1.58		ERR	1.58	
12		ERR	1.32	1.28	1.30	1.30	1.30	1.12	1.09	1.00	1.07	1.39	1.50	1.46	1.45	1.38		ERR	1.38	
13		ERR	1.46	1.40	1.38	1.41	1.25	1.13	1.10	1.09	1.11	1.49	1.50	1.41	1.47			ERR	1.47	
14		ERR	1.47	1.38	1.40	1.42	1.23	1.20	1.15	1.09	1.15	1.57	1.56	1.51	1.55			ERR	1.55	
15	1.89	1.89	1.89	1.89	1.60	1.56	1.52	1.56	1.38	1.35	1.25	1.33	1.32	1.71	1.68	1.65	1.68		ERR	1.68
16	1.89	1.89	1.89	1.89	1.65	1.60	1.65	1.63	1.46	1.40	1.35	1.40	1.41	1.77	1.78	1.73	1.76		ERR	1.76
17	1.88	1.88	1.88	1.88	1.70	1.65	1.67	1.67	1.62	1.52	1.38	1.51	1.48	1.85	1.91	1.80	1.85		ERR	1.85
18	1.84	1.84	1.84	1.84	1.71	1.68	1.76	1.72	1.60	1.52	1.40	1.51	1.54	1.90	1.89	1.79	1.86		ERR	1.86
19	1.84	1.84	1.84	1.84	1.90	1.87	1.93	1.90	1.65	1.72	1.60	1.66	1.77	1.23	2.15	2.02	1.80		ERR	1.80
20	1.82	1.82	1.82	1.82	1.95	1.85	1.89	1.90	2.25	2.00	1.78	2.01	1.93	2.33	2.66	2.33	2.44		ERR	2.44
21	1.81	1.81	1.81	1.81	2.38	2.14	1.98	2.17	2.65	2.50	2.30	2.48	2.31	2.92	3.13	2.91	2.99		ERR	2.99
22	1.81	1.81	1.81	1.81	1.89	1.80	1.84	1.84	1.98	1.90	1.72	1.87	1.99	2.42	2.29	2.16	2.29		ERR	2.29
23	1.81	1.81	1.81	1.81	2.25	2.15	1.98	2.13	3.05	2.65	2.30	2.67	2.61	4.20	3.50	2.90	3.53		ERR	3.53
24	1.81	1.81	1.81	1.81	2.17	1.98	1.99	2.05	2.45	2.35	2.05	2.28	2.34	2.60	2.92	2.46	2.66		ERR	2.66
25	1.83	1.83	1.83	1.83	2.12	1.90	1.91	1.98	1.98	2.36	2.10	1.90	2.12	2.68	2.46	2.30	2.48		ERR	2.48
26	1.83	1.83	1.83	1.83	2.14	1.96	1.98	2.03	1.96	2.45	2.08	1.95	2.16	2.50	2.58	2.35	2.48		ERR	2.48
27	1.83	1.83	1.83	1.83	2.62	1.95	1.92	2.16	2.04	2.10	1.98	1.78	1.95	2.45	2.37	2.20	2.34		ERR	2.34
28	1.87	1.87	1.87	1.87	2.01	1.88	1.94	1.94	1.92	2.00	1.92	1.80	1.91	2.36	2.27	2.18	2.27		ERR	2.27
29	1.87	1.87	1.87	1.87	2.01	1.82	1.87	1.90	1.92	2.05	1.90	1.75	1.90	2.42	2.33	2.19	2.31		ERR	2.31
30	1.85	2.00	2.15	2.00	2.02	1.87	1.92	1.94	1.92	2.08	2.00	1.85	1.98	2.36	2.33	2.21	2.30		ERR	2.30
JULY 1	2.20	2.23	2.33	2.25	2.15	2.05	2.02	2.07	2.14	2.02	1.85	2.00	2.05	2.43	2.36	2.22	2.34		ERR	2.34

2	2.23	2.18	2.14	2.18	2.03	1.95	1.97	1.98	2.09	1.97	1.83	1.96	2.04	2.39	2.31	2.20	2.30
3	2.20	2.20	2.20	2.20	2.07	2.00	1.98	2.02	2.00	1.90	1.77	1.89	1.93	2.32	2.27	2.16	2.25
4	2.12	2.12	2.12	2.12	2.10	1.96	1.90	1.99	2.10	2.00	1.81	1.97	1.98	2.45	2.33	2.20	2.33
5	1.94	1.94	1.94	1.94	2.13	1.98	2.02	2.04	2.21	2.08	1.85	2.05	2.10	2.47	2.40	2.23	2.37
6	1.89	1.89	1.89	1.89	2.25	2.12	2.14	2.17	2.41	2.22	2.00	2.21	2.30	2.68	2.60	2.36	2.55
7	1.88	1.88	1.88	1.88	2.34	2.19	2.22	2.25	2.60	2.32	2.11	2.34	2.47	2.85	2.71	2.47	2.68
8	1.88	1.88	1.88	1.88	2.05	2.02	1.98	2.02	2.11	2.07	1.92	2.03	2.13	2.59	2.42	2.31	2.44
9	1.86	1.86	1.86	1.86	2.08	2.06	1.95	2.03	2.56	2.25	2.02	2.28	2.31	2.99	2.66	2.46	2.70
10	1.86	1.86	1.86	1.86	1.95	2.05	2.12	2.04	2.38	2.19	2.12	2.23	2.40	2.91	2.73	2.67	2.77
11	1.86	1.86	1.86	1.86	2.01	2.04	2.10	2.05	2.45	2.00	2.12	2.19	2.41	2.76	2.68	2.56	2.67
12	1.90	1.90	1.90	1.90	2.33	2.36	2.45	2.38	2.78	2.52	2.30	2.53	2.68	3.23	3.04	2.75	3.01
13	2.10	2.10	2.15	2.12	2.06	2.13	2.65	2.28	2.64	2.78	2.37	2.60	2.83	3.07	2.99	2.97	3.01
14	2.21	2.21	2.20	2.21	2.18	2.21	2.26	2.22	2.77	2.60	2.45	2.61	2.71	3.20	3.02	2.85	3.02
15	2.13	2.13	2.13	2.13	2.07	2.05	2.09	2.07	2.45	2.32	2.22	2.33	2.47	2.90	2.75	2.62	2.76
16	3.60	3.60	3.60	3.60	1.95	2.18	2.37	2.17	2.38	2.18	2.08	2.21	2.41	2.68	2.58	2.50	2.59
17	3.00	3.00	3.00	3.00	2.19	2.30	2.38	2.29	2.88	2.82	2.52	2.74	2.78	2.57	3.55	3.13	3.08
18	3.00	3.00	3.00	3.00	2.41	2.38	2.90	2.56	3.50	3.06	2.85	3.14	3.18	4.08	3.68	3.38	3.71
19	2.20	2.20	2.20	2.20	2.20	2.22	2.24	2.22	2.96	2.80	2.76	2.84	2.95	3.92	3.63	3.36	3.64
20	2.16	2.14	2.12	2.14	2.39	2.42	2.95	2.59	3.80	3.32	3.15	3.42	3.54	4.37	3.98	3.70	4.02
21	2.07	2.07	2.05	2.06	2.68	2.52	2.70	2.63	3.90	3.50	3.30	3.57	3.75	4.23	4.07	3.69	4.00
22	2.00	2.01	2.01	2.01	2.55	2.39	2.60	2.51	3.95	3.50	3.42	3.62	4.02	4.48	3.95	3.67	4.03
23	1.92	1.92	1.90	1.91	2.90	2.20	2.29	2.46	3.25	3.08	2.99	3.11	3.36	3.63	3.44	3.27	3.45
24	1.95	1.95	1.95	1.95	2.95	2.91	2.75	2.87	5.60	4.40	3.85	4.62	4.81	5.90	5.22	4.45	5.19
25	1.96	1.96	1.96	1.96	2.98	2.50	3.18	2.89	4.60	4.50	4.40	4.50	4.63	4.52	4.87	4.46	4.62
26	2.42	2.45	2.41	2.43	2.83	2.75	2.80	2.79	4.42	3.92	3.80	4.05	4.30	4.68	4.40	4.05	4.38
27	2.20	2.16	2.13	2.16	2.91	2.30	2.37	2.53	3.52	3.32	3.20	3.35	3.50	3.85	3.70	3.55	3.70
28	2.04	2.03	2.03	2.03	2.29	2.31	2.36	2.32	3.20	3.16	3.05	3.14	3.32	3.56	3.44	3.35	3.45
29	1.96	1.94	1.98	1.96	2.39	2.30	2.31	2.33	3.85	3.80	3.76	3.80	3.68	4.13	3.76	3.50	3.80
30	1.93	1.94	1.93	1.93	2.20	2.20	2.71	2.37	3.20	3.06	3.00	3.09	3.33	3.45	3.33	3.24	3.34
31	1.97	2.20	2.30	2.16	2.22	2.25	2.37	2.28	3.65	3.42	3.30	3.46	3.94	4.10	4.00	3.70	3.93
AUG. 1	2.88	2.88	2.88	2.88	2.50	2.55	2.62	2.56	5.25	5.50	5.10	5.28	5.05	5.76	6.35	6.00	6.04
2	2.80	2.67	2.64	2.70	2.58	2.65	2.68	2.64	4.75	4.34	4.30	4.46	4.61	5.27	4.94	4.78	5.00
3	2.47	2.40	2.40	2.42	2.98	2.96	2.98	2.97	4.92	5.56	4.33	4.94	4.63	5.18	4.98	4.70	4.95
4	2.20	2.20	2.20	2.20	3.00	3.02	3.03	3.02	5.10	4.50	4.28	4.63	4.69	5.50	4.88	4.63	5.00
5	2.16	2.16	2.16	2.16	2.62	2.55	2.60	2.59	4.20	3.98	3.90	4.03	4.16	4.47	4.34	4.16	4.32
6	2.17	2.16	2.14	2.16	2.95	2.47	2.51	2.64	4.40	4.20	3.90	4.17	4.53	5.05	4.57	4.35	4.66
7	2.29	2.47	2.52	2.43	2.70	2.92	3.05	2.89	5.70	4.90	4.65	5.08	5.21	4.50	5.75	5.32	5.19
8	2.46	2.41	2.38	2.42	2.61	2.95	3.12	2.89	4.90	4.42	4.43	4.58	5.02	5.63	5.14	4.84	5.20
9	2.26	2.29	2.21	2.25	2.89	2.81	2.87	2.86	4.40	4.25	4.15	4.27	4.50	4.90	4.65	4.50	4.68
10	2.15	2.10	2.10	2.12	2.59	2.58	2.52	2.56	4.10	3.90	3.80	3.93	4.13	4.56	4.38	4.20	4.38
11	2.03	2.03	2.03	2.03	2.38	2.45	2.69	2.51	3.80	3.76	3.79	3.78	3.85	4.20	4.10	3.96	4.09
12	1.92	1.92	1.92	1.92	2.35	2.28	2.37	2.33	3.58	3.45	3.35	3.46	3.64	3.93	3.80	3.68	3.80
13	1.92	1.92	1.92	1.92	2.22	2.22	2.29	2.24	3.46	3.35	3.25	3.35	3.47	3.85	3.75	3.60	3.73
14	0.00	0.00	0.00	0.00	2.13	2.12	2.19	2.15	3.50	3.22	3.15	3.29	3.43	3.80	3.70	3.54	3.68
15	0.00	0.00	0.00	0.00	2.61	2.58	2.55	2.58	5.20	4.62	4.20	4.67	4.75	5.68	5.13	4.63	5.15
16	0.00	0.00	0.00	0.00	2.74	2.72	2.62	2.69	4.69	4.32	4.05	4.35	4.33	5.78	4.68	4.40	4.95
17	0.00	0.00	0.00	0.00	2.69	2.70	2.72	2.70	4.00	3.00	3.00	3.33	4.17	4.44	4.23	4.13	4.27
18	0.00	0.00	0.00	0.00	2.37	2.73	2.75	2.62	4.62	4.10	3.95	4.22	4.45	4.95	4.53	4.20	4.56
19	0.00	0.00	0.00	0.00	2.44	2.45	2.47	2.45	4.00	4.25	3.72	3.99	4.05	4.30	4.20	4.02	4.17
20	0.00	0.00	0.00	0.00	2.90	2.38	2.47	2.58	4.25	4.00	4.05	4.10	4.24	4.62	4.30	4.09	4.34
21	0.00	0.00	0.00	0.00	2.63	2.42	2.49	2.51	4.35	4.07	3.92	4.11	4.41	4.48	4.44	4.18	4.37
22	0.00	0.00	0.00	0.00	2.55	2.38	2.65	2.53	5.15	4.58	4.40	4.71	5.05	5.90	5.15	4.82	5.29
23	0.00	0.00	0.00	0.00	2.52	2.55	2.61	2.56	5.25	4.60	4.70	4.85	5.19	5.12	5.30	4.99	5.14
24	0.00	0.00	0.00	0.00	2.72	2.55	2.66	2.64	6.00	5.95	6.95	6.30	6.15	6.54	6.30	6.35	6.40
25	3.60	3.60	3.60	3.60	2.67	2.96	2.75	2.79	5.98	5.60	5.55	5.71	6.70	6.54	6.15	5.85	6.18
26	4.30	4.30	4.30	4.30	2.66	2.48	2.57	2.57	5.30	5.15	5.00	5.15	5.33	6.03	5.72	5.52	5.76
27	2.94	2.94	2.94	2.94	2.68	2.55	2.87	2.70	5.10	9.70	4.55	6.45	4.95	5.76	5.50	5.19	5.48
28	2.94	2.94	2.96	2.95	2.75	2.95	2.55	2.75	4.70	4.50	4.35	4.52	4.63	5.12	4.98	4.76	4.95
29	2.19	2.19	2.19	2.19	2.56	2.36	2.75	2.56	4.35	4.20	4.20	4.25	4.44	4.90	4.70	4.55	4.72
30	2.32	2.32	2.32	2.32	2.49	2.47	2.50	2.49	4.02	3.80	3.85	3.89	4.05	4.50	4.35	4.20	4.35

	31	2.28	2.28	2.28	2.28	2.36	2.36	2.39	2.37	4.20	3.90	3.90	4.00	4.03	4.50	4.46	4.20	4.39
SEP.	1	2.21	2.20	2.19	2.20	2.29	2.28	2.31	2.29	3.80	3.70	3.60	3.70	3.83	4.25	4.15	4.10	4.17
	2	2.12	2.12	2.12	2.12	2.15	2.17	2.20	2.17	3.65	3.50	3.60	3.58	3.64	3.97	3.84	3.75	3.85
	3	2.04	2.04	2.04	2.04	2.18	2.14	2.16	2.16	3.65	-	3.62	-	3.72	4.10	3.90	3.75	3.92
	4	2.03	2.03	2.03	2.03	2.10	2.10	2.14	2.11	3.45	3.40	3.18	3.34	3.49	4.05	3.80	3.67	3.84
	5	2.01	2.01	2.01	2.01	2.31	2.25	2.19	2.25	3.60	3.60	3.22	3.47	3.55	4.10	3.93	3.74	3.92
	6	2.00	2.03	2.03	2.02	2.32	2.26	2.25	2.28	3.75	3.50	3.36	3.54	3.65	4.20	4.08	3.80	4.03
	7	2.05	2.05	2.05	2.05	2.34	2.31	2.31	2.32	3.85	3.50	3.35	3.57	3.70	4.30	4.03	3.78	4.04
	8	2.03	2.03	2.02	2.03	2.20	2.18	2.18	2.19	4.05	3.60	3.38	3.68	3.84	4.64	3.98	3.82	4.15
	9	1.95	1.95	1.95	1.95	2.25	2.20	2.24	2.23	4.18	3.80	3.70	3.89	4.12	4.75	4.17	3.95	4.29
	10	1.94	1.94	1.94	1.94	2.27	2.21	2.19	2.22	3.36	3.55	3.30	3.40	3.62	4.10	3.89	3.72	3.90
	11	1.94	1.94	1.94	1.94	2.25	2.22	2.22	2.23	3.25	3.10	3.08	3.14	3.29	3.70	3.58	3.47	3.58
	12	1.96	1.96	1.96	1.96	2.18	2.12	2.17	2.16	3.60	3.20	3.10	3.30	3.58	4.07	3.75	3.59	3.80
	13	1.96	1.96	2.00	1.97	2.27	2.32	2.65	2.41	4.05	3.72	3.16	3.64	4.45	4.85	4.30	4.20	4.45
	14	2.39	2.40	2.40	2.40	2.68	2.45	2.63	2.59	4.00	3.90	3.72	3.87	4.13	4.42	4.38	4.14	4.31
	15	2.25	2.25	2.27	2.26	2.56	2.98	2.90	2.81	4.08	3.95	3.80	3.94	4.07	4.37	4.62	4.50	4.50
	16	2.24	2.22	2.27	2.24	2.33	2.27	2.27	2.29	3.90	3.70	3.40	3.67	3.77	4.25	4.20	4.00	4.15
	17	2.24	2.24	2.12	2.20				ERR				ERR	3.37	3.90	3.75	3.66	3.77
	18	2.10	2.12	2.07	2.10				ERR				ERR	3.16	3.62	3.56	3.50	3.56
	19	2.05	2.05	2.04	2.05				ERR				ERR	2.99	3.45	3.30	3.33	3.36
	20	2.00	2.00	2.00	2.00				ERR				ERR	2.85	3.21	3.24	3.14	3.20
	21	2.02	2.02	2.02	2.02				ERR				ERR	2.73	3.15	3.11	3.07	3.11
	22	2.02	2.02	2.02	2.02				ERR				ERR	2.63	3.10	3.04	3.00	3.05
	23	2.02	2.02	2.02	2.02				ERR				ERR	2.53	2.98	2.94	2.89	2.94
	24	2.01	2.01	2.01	2.01				ERR				ERR	2.47	2.92	2.90	2.85	2.89
	25	2.00	2.00	2.00	2.00				ERR				ERR	2.37	2.86	2.81	-	-
	26	1.85	1.95	1.95	1.92				ERR				ERR	2.29	2.78	2.74	2.67	2.73
	27	2.01	1.93	1.93	1.96				ERR				ERR	2.25	2.74	2.70	2.66	2.70
	28	1.93	1.93	1.93	1.93				ERR				ERR	2.37	2.90	2.86	2.72	2.83
	29	1.93	1.93	1.93	1.93				ERR				ERR	2.56	3.05	3.26	3.20	3.17
	30	1.94	1.94	1.93	1.94				ERR				ERR	2.61	3.15	3.26	3.14	3.18
OCT.	1	1.96	1.96	1.96	1.96				ERR				ERR	2.41	3.03	3.20	3.00	3.08
	2	1.92	1.92	1.91	1.92				ERR				ERR	2.29	2.91	2.86	2.79	2.85
	3	1.92	1.92	1.91	1.92				ERR				ERR	2.22	2.77	2.72	2.68	2.72
	4	1.89	1.89	1.89	1.89				ERR				ERR	2.13	2.70	2.67	2.62	2.66
	5	1.90	1.90	1.90	1.90				ERR				ERR	2.01	2.57	-	-	-
	6	1.90	1.90	1.90	1.90				ERR				ERR	1.89	2.42	2.40	2.39	2.40
	7	1.91	1.93	1.93	1.92				ERR				ERR	1.82	2.39	2.39	2.39	2.39
	8	1.89	1.91	1.91	1.90				ERR				ERR	1.79	2.34	2.33	2.31	2.33
	9	1.86	1.86	1.87	1.86				ERR				ERR	1.79	2.35	2.33	2.30	2.33
	10	1.89	1.89	1.87	1.88				ERR				ERR	1.78	2.34	2.32	2.27	2.31
	11	1.87	1.87	1.87	1.87				ERR				ERR	1.77	2.33	2.32	2.27	2.31
	12	1.89	1.89	1.89	1.89				ERR				ERR	2.08	2.52	2.54	2.48	2.51
	13	1.89	1.89	1.89	1.89				ERR				ERR	1.91	2.48	2.42	2.37	2.42
	14	2.53	2.55	2.56	2.55				ERR				ERR	1.82	2.38	2.33	2.30	2.34
	15	2.42	2.42	2.41	2.42				ERR				ERR	1.74	2.27	2.27	2.27	2.27
	16	2.41	2.41	2.41	2.41				ERR				ERR	1.74	2.30	2.27	2.21	2.26

III.2.2 HOURLY WATER LEVEL RECORD

TATOPANI 403 .5

DATE	HOURLY WATER LEVEL																									
JUNE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1.16	1.16	1.18	1.18	1.20	1.20	1.20	1.20	1.21	1.21	1.23	1.23	1.24	1.24	1.24	1.24	1.20	1.20	1.20	1.20	1.17	1.16	1.16	1.16	1.20	
2	1.32	1.33	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-	-	-	-	0.53	
3	-	-	-	-	-	-	-	-	-	-	-	1.20	1.22	1.22	1.20	1.20	1.19	1.10	1.12	1.12	1.13	1.12	1.12	1.12	0.63	
4	1.12	1.14	1.15	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.22	1.23	1.20	1.20	1.20	1.20	1.20	1.22	1.20	1.20	1.20	1.20	1.18	1.18	1.18	
5	1.18	1.19	1.20	1.20	1.20	1.20	1.20	1.23	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.20	1.20	1.19	1.18	1.18	1.18	1.19	1.21	
6	1.20	1.20	1.20	1.22	1.22	1.22	1.22	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.20	1.20	1.18	1.18	1.18	1.18	1.18	1.22	
7	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.22	1.23	1.24	1.24	1.24	1.24	1.24	1.20	1.19	1.16	1.12	1.12	1.12	1.14	1.15	1.19	
8	1.16	1.16	1.19	1.19	1.19	1.20	1.20	1.20	1.21	1.22	1.23	1.24	1.23	1.24	1.24	1.24	1.24	-	-	-	-	-	-	-	0.91	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.34	1.32	1.30	1.28	1.28	0.33	
11	1.28	1.29	1.30	1.30	1.31	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.33	1.34	1.34	1.34	1.34	1.34	1.33	1.32	1.31	1.31	1.30	1.32
12	1.30	1.30	1.30	1.31	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
13	1.28	1.28	1.27	1.26	1.26	1.26	1.25	1.24	1.24	1.24	1.24	1.24	1.25	1.28	1.28	1.28	1.27	1.26	1.24	1.23	1.22	1.22	1.22	1.22	1.25	
14	1.22	1.22	1.22	1.22	1.22	1.23	1.24	1.25	1.24	1.25	1.26	1.27	1.27	1.27	1.27	1.24	1.23	1.20	1.18	1.18	1.18	1.18	1.20	1.20	1.23	
15	1.20	1.20	1.20	1.20	1.20	1.16	1.16	1.18	1.19	1.20	1.20	1.20	1.20	-	-	-	1.16	1.19	1.16	1.15	1.12	1.11	1.11	1.11	1.03	
16	1.12	1.12	1.12	1.11	1.11	1.12	1.16	1.24	1.26	1.32	1.38	1.42	1.44	1.54	1.44	-	-	-	-	-	-	-	-	-	0.79	
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.99	2.00	2.04	2.04	0.51	
22	2.05	2.05	2.05	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.05	2.06	2.05	2.05	2.05	1.85	1.83	1.79	1.80	1.80	1.80	1.80	1.98	
23	1.78	1.76	1.75	1.72	1.69	1.50	1.44	2.21	2.20	2.17	2.13	2.11	2.11	2.11	2.13	2.14	-	-	-	-	-	-	-	-	1.29	
24	-	-	-	-	-	-	-	2.17	2.13	2.06	1.97	1.93	1.92	1.89	1.84	1.85	1.85	1.85	1.86	1.80	1.84	1.80	1.81	1.80	1.35	
25	1.80	1.86	2.34	2.40	2.24	2.24	2.20	2.08	2.04	1.96	1.90	1.90	1.85	1.85	1.85	1.85	1.88	1.90	1.90	1.90	1.90	1.88	1.91	2.00	1.98	
26	2.26	2.28	2.28	2.18	2.16	2.12	2.06	2.02	1.96	1.92	1.92	1.84	1.84	1.80	1.84	1.80	1.84	1.88	1.87	1.88	1.84	1.82	1.80	1.80	1.96	
27	1.84	2.00	2.10	2.44	2.40	2.32	2.32	2.20	2.16	2.03	2.00	1.94	1.92	1.88	1.84	1.84	1.84	1.98	2.08	2.02	2.00	1.96	1.92	1.96	2.04	
28	2.00	2.12	2.06	2.04	2.00	1.99	1.99	1.96	1.93	1.88	1.78	1.84	1.80	1.80	1.76	1.76	1.80	1.80	1.82	2.00	2.00	2.00	2.04	2.00	1.92	
29	2.00	1.96	2.00	1.96	1.96	2.00	1.96	1.96	1.92	1.90	1.86	1.82	1.80	1.80	1.80	1.80	1.88	1.88	1.96	1.96	1.96	1.96	1.97	1.98	1.92	
30	1.98	1.96	2.00	2.00	2.04	2.04	1.98	1.92	1.92	1.88	1.84	1.84	1.80	1.82	1.80	1.80	1.84	1.84	-	-	-	-	-	-	1.43	

TATOPANI 403 .5

DATE	HOURLY WATER LEVEL																								MEAN	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
JULY 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
6	-	-	-	-	-	-	-	-	2.20	2.16	2.12	2.06	2.00	2.00	2.06	2.06	2.10	2.08	2.12	2.16	2.16	2.28	2.32	2.32	2.32	1.43
7	2.48	2.48	2.48	2.48	2.46	2.44	2.40	2.32	2.24	2.20	2.20	2.16	2.08	2.12	2.16	2.12	2.20	2.16	2.24	2.16	2.08	2.16	2.08	2.00	2.00	2.25
8	2.04	1.98	1.96	1.96	1.92	1.92	1.98	2.00	2.00	2.00	1.96	1.88	1.96	1.88	1.84	1.88	1.88	1.84	1.88	1.88	1.88	1.88	1.92	1.88	1.84	1.92
9	1.88	1.96	2.10	2.14	2.20	2.16	2.12	2.08	2.08	2.04	1.92	1.96	1.92	1.92	1.88	1.92	1.92	2.00	1.96	-	-	-	-	-	-	1.59
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
11	-	-	-	-	-	-	-	-	1.96	1.92	1.88	1.90	1.88	1.96	1.98	2.04	2.08	2.12	2.12	2.12	2.08	2.12	2.28	2.52	1.37	
12	2.60	2.56	2.48	2.34	2.28	2.24	2.20	2.16	2.08	2.06	2.02	2.04	2.00	2.08	2.16	2.24	2.50	2.44	2.36	2.36	2.32	2.24	2.24	2.16	2.26	
13	2.20	2.16	2.22	2.16	2.16	2.12	2.00	-	2.04	2.02	1.98	2.00	2.00	2.04	2.18	2.44	2.68	2.64	2.56	2.48	2.42	2.32	2.28	2.28	2.14	
14	2.32	2.30	2.30	2.24	2.20	2.20	2.22	2.16	2.16	2.12	2.12	2.14	2.08	2.08	2.16	2.20	2.24	2.16	2.20	2.16	2.16	2.12	2.12	2.10	2.18	
15	2.10	2.12	2.14	2.10	2.04	2.00	2.06	2.04	2.04	2.02	2.04	2.00	1.94	1.88	2.00	1.98	2.04	2.20	2.14	2.16	2.16	2.12	2.08	2.02	2.06	
16	2.04	2.00	2.02	2.04	2.00	2.00	1.96	1.96	1.94	1.96	1.94	1.92	1.92	1.92	2.00	2.04	2.16	2.30	2.38	2.36	2.32	2.24	2.20	2.12	2.07	
17	2.08	2.04	2.04	2.04	2.04	2.12	2.20	2.24	2.20	2.10	2.08	2.04	2.04	2.06	2.08	2.12	2.02	-	-	-	-	-	-	-	-	1.48
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00

DATE	HOURLY WATER LEVEL																									
MARCH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.00	
19	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.54	
20	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	
21	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	
22	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	
23	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	
24	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	
25	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	
26	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	
27	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	
28	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.98	0.98	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.08	1.08	1.07	1.04
29	1.07	1.07	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	
30	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	
31	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	

DATE

HOURLY WATER LEVEL

APRIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
2	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
3	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
4	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.93
5	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
6	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
7	0.91	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
8	0.88	0.88	0.88	0.88	0.88	0.92	0.92	0.93	0.94	0.94	0.95	0.96	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.93
9	0.95	0.95	0.95	0.92	0.92	0.92	0.92	0.92	0.94	0.96	0.96	0.96	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.96
10	0.98	0.98	0.98	0.96	0.96	1.00	1.00	1.03	1.06	1.08	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.08	1.08	1.08	1.06	1.04	1.04	1.06
11	1.04	1.02	1.00	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
12	1.02	1.02	1.01	0.99	0.99	0.99	0.99	0.99	1.03	1.04	1.04	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.04	1.04	1.03	1.03	1.03
13	1.01	1.00	1.00	1.00	1.00	1.03	1.08	1.20	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.14
14	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
15	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
16	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
17	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
18	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
20	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.03	1.04	1.04	1.04	1.04	1.05	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.09
21	1.06	1.06	1.06	1.06	1.08	1.12	1.14	1.16	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.16	1.16	1.15	1.12	1.15
22	1.12	1.12	1.16	1.20	1.20	1.24	1.26	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.30	1.30	1.30	1.30	1.30	1.24	1.24	1.24	1.23	1.20	1.26
23	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.16	1.16	1.14	1.15	1.15	1.12	1.12	1.18
24	1.12	1.12	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.05	1.05	1.04	1.04	1.02	1.02	1.02	1.02	1.02	1.08
25	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.03
26	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
27	1.03	1.03	1.03	1.03	1.03	1.03	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.08	1.12	1.08	1.08	1.08	1.08	1.06	1.06	1.04
28	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
29	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.05
30	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06

DATE

HOURLY WATER LEVEL

MAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1.08	1.12	1.12	1.14	1.16	1.16	1.20	1.20	1.20	1.20	1.20	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.19
2	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
3	1.10	1.10	1.10	1.10	1.10	1.20	1.24	1.26	1.32	1.32	1.32	1.32	1.32	1.26	1.24	1.24	1.22	1.20	1.20	1.20	1.20	1.16	1.16	1.16	1.21	
4	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.20	1.26	1.26	1.26	1.24	1.24	1.18	
5	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.20	1.20	1.20	1.20	1.16	1.16	1.16	1.14	1.12	1.12	1.10	1.10	1.10	1.10	1.19	
6	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.10	1.10	1.10	1.10	1.11	
7	1.10	1.10	1.10	1.10	1.12	1.12	1.12	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.14	1.14	1.12	1.12	1.12	1.12	1.14	
8	1.10	1.08	1.08	1.08	1.08	1.08	1.08	1.12	1.12	1.14	1.14	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.14	1.14	1.12	1.12	1.13	
9	1.12	1.12	1.26	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.30	1.30	1.30	1.30	1.28	1.24	1.24	1.24	1.22	1.18	1.18	1.27	
10	1.18	1.18	1.18	1.18	1.16	1.60	1.16	1.18	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.18	1.16	1.16	1.20	
11	1.15	1.15	1.15	1.15	1.15	1.17	1.20	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.28	1.32	1.39	1.36	1.32	1.30	1.30	1.25	
12	1.30	1.30	1.30	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.36	1.36	1.35	1.35	1.35	1.32	1.32	1.32	1.28	1.28	1.28	1.35	
13	1.28	1.28	1.28	1.28	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.30	1.30	1.30	1.30	1.31	
14	1.31	1.31	1.31	1.32	1.40	1.44	1.46	1.46	1.46	1.46	1.46	1.46	1.44	1.44	1.44	1.44	1.42	1.42	1.40	1.40	1.36	1.36	1.35	1.35	1.40	
15	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	
16	1.32	1.32	1.32	1.32	1.52	1.52	1.32	1.32	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.33	1.32	1.32	1.32	1.35	
17	1.32	1.36	1.56	1.56	1.56	1.60	1.60	1.60	1.60	1.60	1.58	1.58	1.56	1.52	1.52	1.50	1.48	1.46	1.46	1.46	1.46	1.42	1.42	1.42	1.51	
18	1.42	1.48	1.54	1.56	1.56	1.56	1.56	1.56	1.48	1.48	1.48	1.48	1.46	1.46	1.44	1.44	1.40	1.40	1.39	1.32	1.36	1.34	1.34	1.34	1.45	
19	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.29	1.29	1.29	1.29	1.29	1.24	1.24	1.24	1.24	1.20	1.20	1.30	
20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	
21	1.20	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.12	1.12	1.12	1.12	1.12	1.10	1.10	1.10	1.10	1.10	1.10	1.14	
22	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.04	1.04	1.04	1.04	1.07	
23	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	
24	1.04	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	
25	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.12	1.12	1.12	1.12	1.12	1.12	1.16	1.16	1.16	1.16	1.16	1.16	1.20	1.20	1.20	1.20	1.20	1.12	
26	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	
27	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.16	1.12	0.96	0.80	0.76	0.76	0.76	0.76	0.76	0.80	0.80	0.80	0.84	0.88	0.90	0.99	
28	0.93	0.93	0.93	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.94	0.94	0.94	0.94	0.96	1.00	1.00	1.00	0.94	
29	1.00	1.00	1.00	1.00	1.00	1.00	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.98	0.98	0.97	
30	0.98	0.98	0.98	0.98	0.94	0.90	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.88	0.88	0.88	0.92	0.92	0.88	
31	0.92	0.92	0.88	0.84	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.81	0.81	0.85	0.88	0.88	0.92	0.92	0.93	0.96	0.85	

SETIBENI

410

DATE

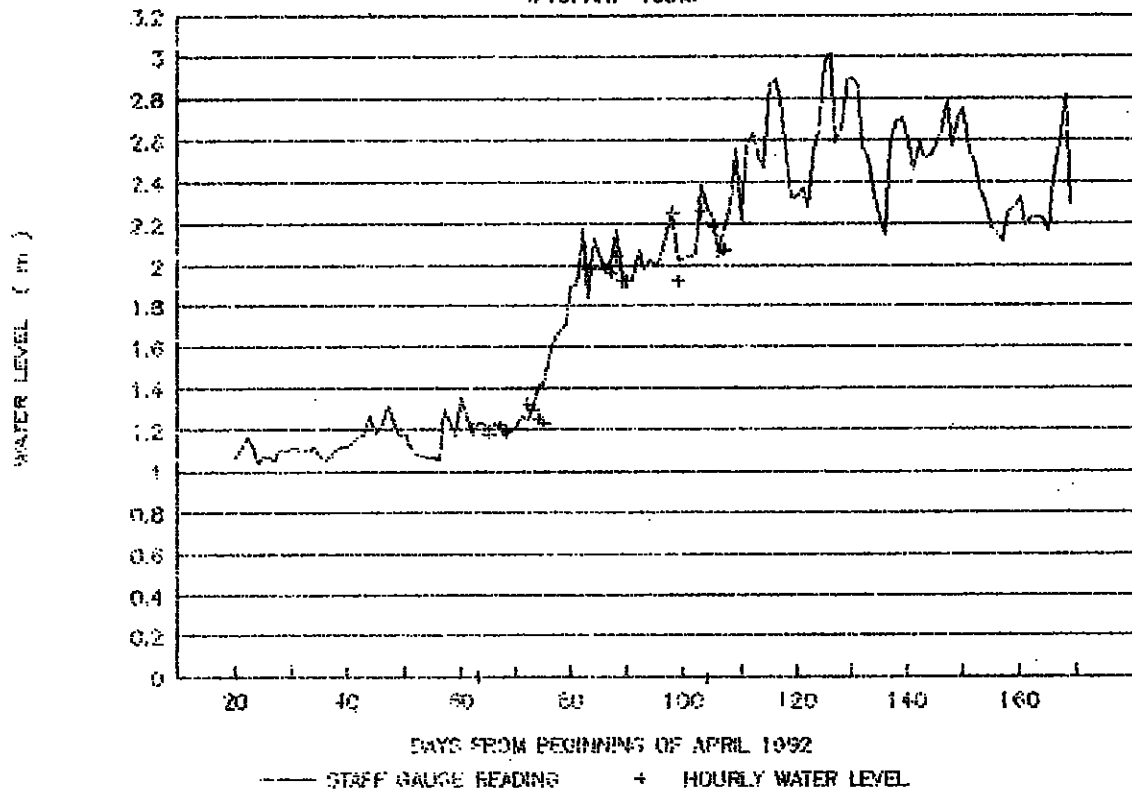
HOURLY WATER LEVEL

JUNE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.11
2	1.22	1.22	1.22	1.22	1.32	1.32	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.32	1.32	1.30	1.30	1.30	1.28	1.28	1.28	1.31
3	1.28	1.28	1.28	1.28	1.36	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.38	1.38	1.38	1.36	1.36	1.34	1.34	1.32	1.32	1.36
4	1.28	1.28	1.28	1.32	1.36	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.36	1.36	1.32	1.32	1.37
5	1.32	1.32	1.32	1.32	1.36	1.36	1.40	1.40	1.40	1.40	1.40	1.32	1.32	1.32	1.32	1.30	1.30	1.30	1.30	1.36	1.36	1.34	1.32	1.32	1.34
6	1.32	1.32	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.38	1.38	1.38	1.36	1.36	1.36	1.32	1.32	1.28	1.28	1.28	1.28	1.28	1.28	1.35
7	1.28	1.28	1.32	1.36	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.56	1.56	1.56	1.56	1.41
8	1.56	1.56	1.60	1.66	1.66	1.66	1.66	-	-	-	-	-	1.56	1.56	1.56	1.58	1.58	1.58	1.60	1.60	1.64	1.64	1.66	1.66	1.27
9	1.66	1.66	1.66	1.66	1.60	1.60	1.40	1.60	1.64	1.64	1.64	1.64	1.54	1.54	1.54	1.56	1.56	1.56	1.60	1.60	1.60	1.60	1.60	1.60	1.60
10	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.52	1.56	1.56	1.56	1.56	1.56	1.60	1.60	1.64	1.64	1.68	1.72	1.72	1.72	1.72	1.72	1.72	1.63
11	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.80	1.80	1.80	1.80	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.58
12	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38
13	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	-	-	-	-	-	-	-	-	-	-	-	-	0.69
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00

III.2.3 HYDROGRAPH

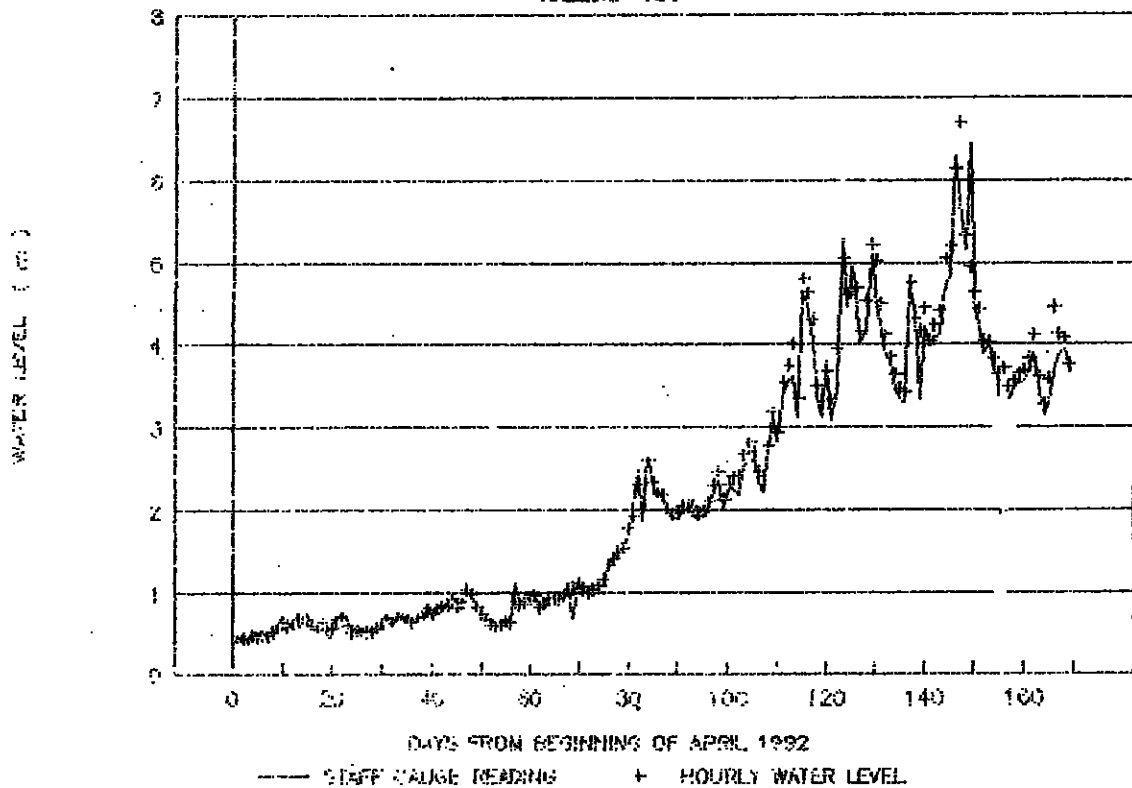
DAILY MEAN WATER LEVEL

TATOPANI 403.5



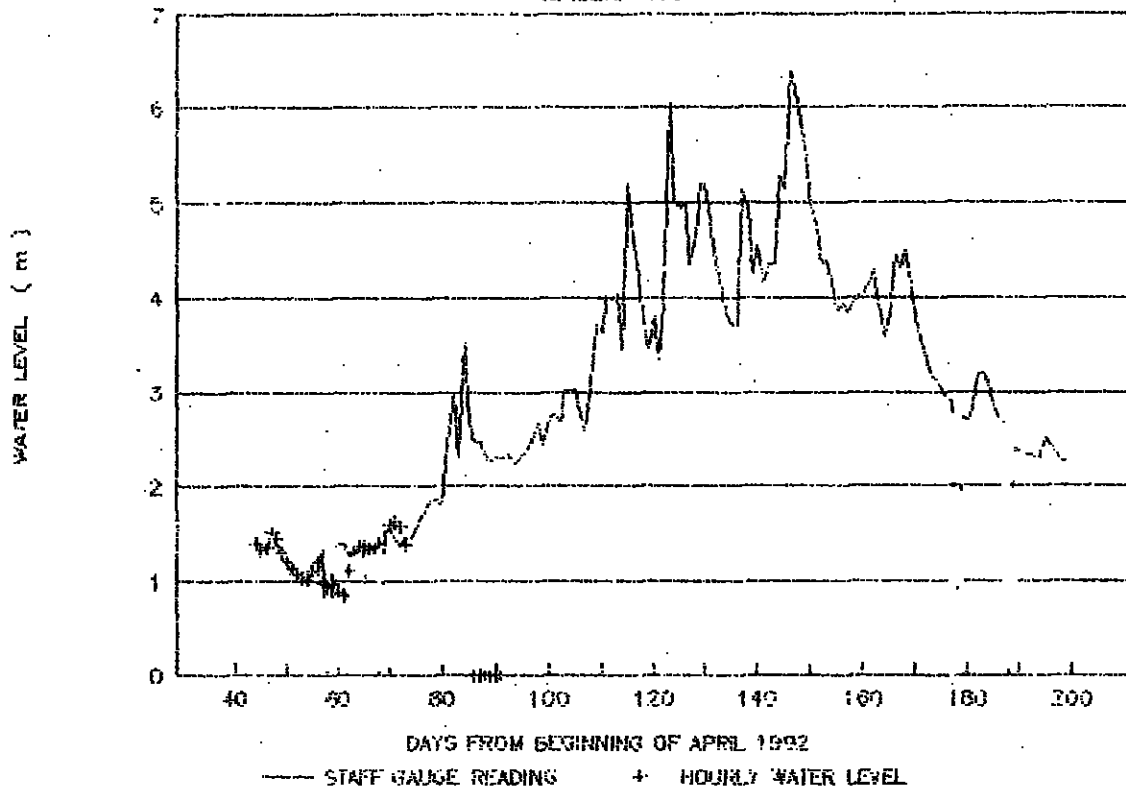
DAILY MEAN WATER LEVEL

KALLERI 406



DAILY MEAN WATER LEVEL

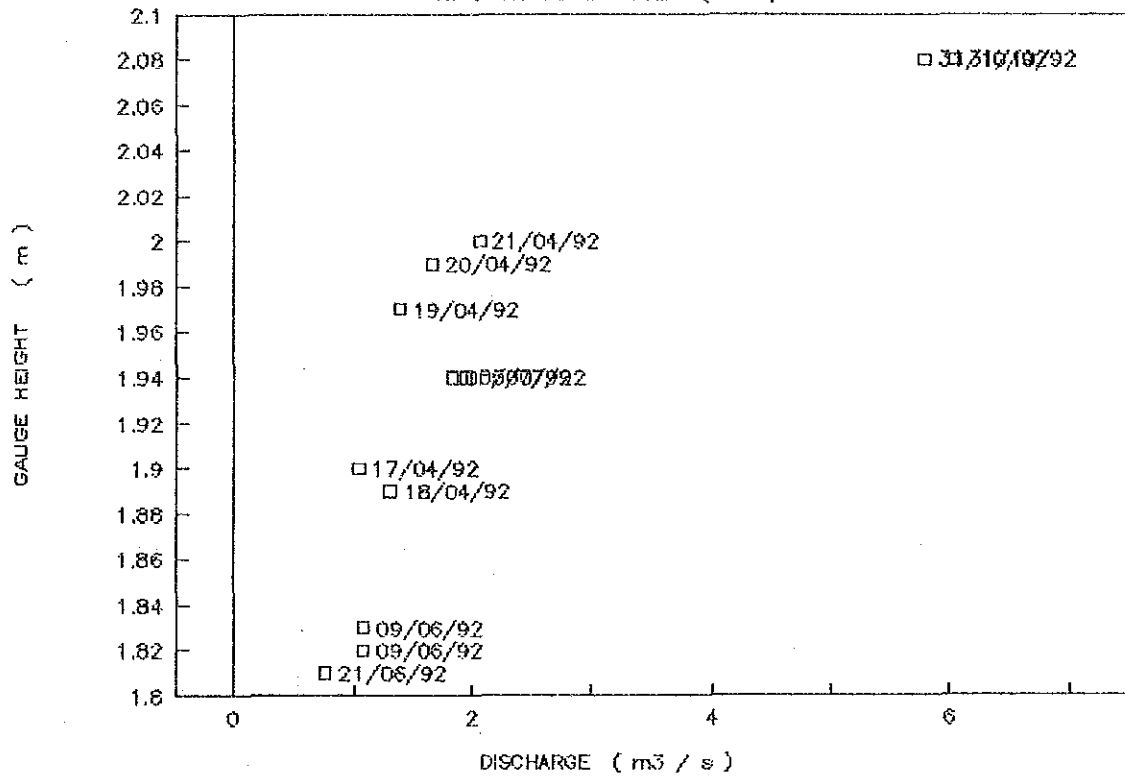
SECTION 410



III.3 DISCHARGE MEASUREMENT RECORD IN 1992

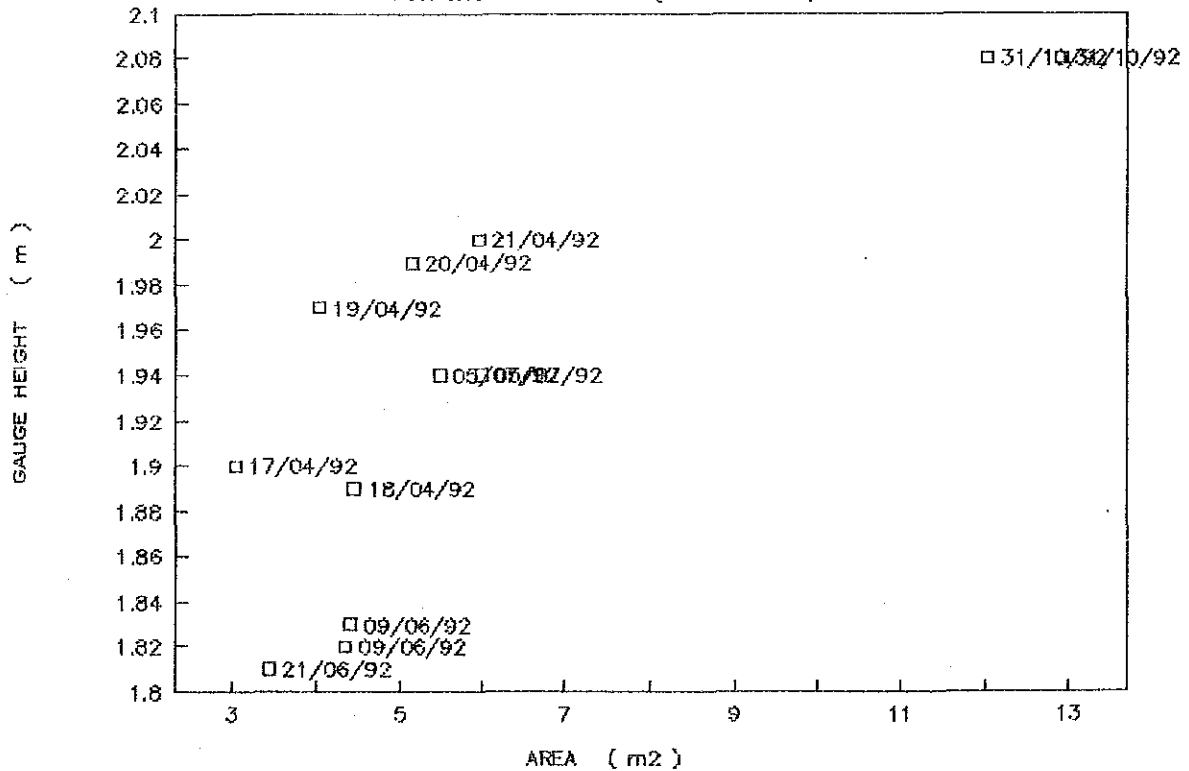
DISCHARGE MEASUREMENT RECORD

AT CHUNTAHA IN 1992 (595)



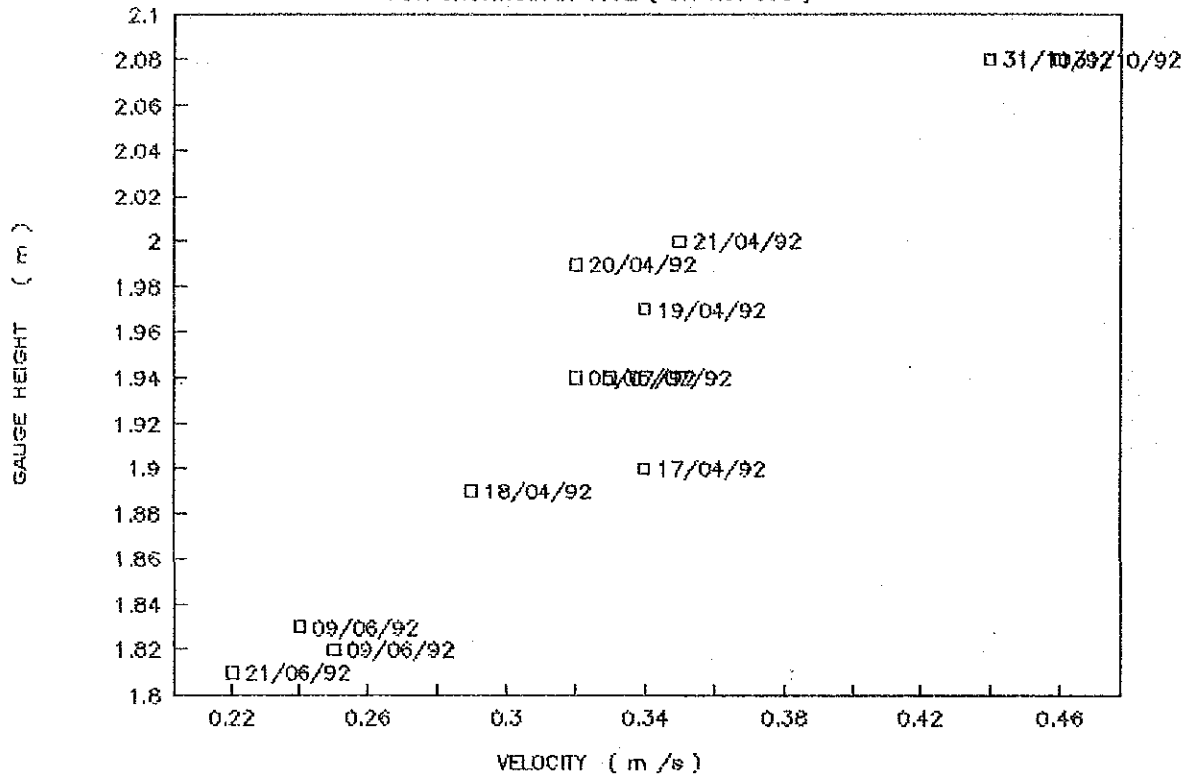
DISCHARGE MEASUREMENT RECORD

FOR CHUNTAHA IN 1992 (ST. NO. 595)



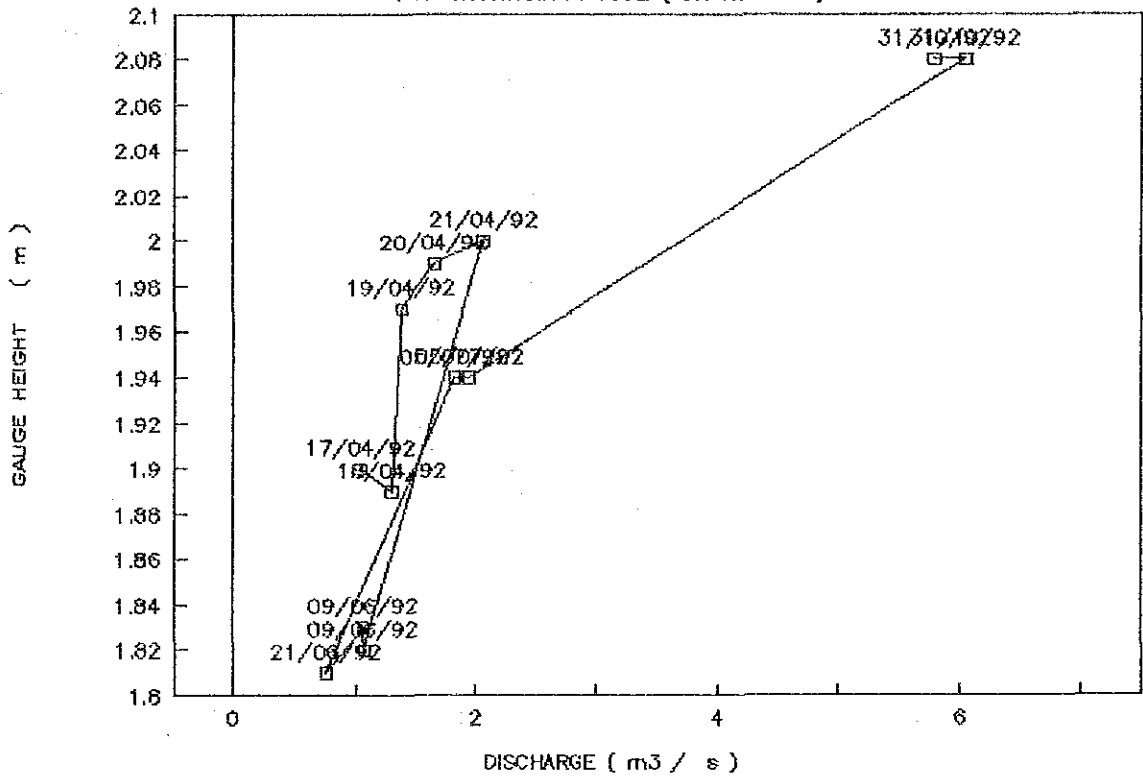
DISCHARGE MEASUREMENT RECORD

FOR CHUNTAHA IN 1992 (ST. NO. 595)



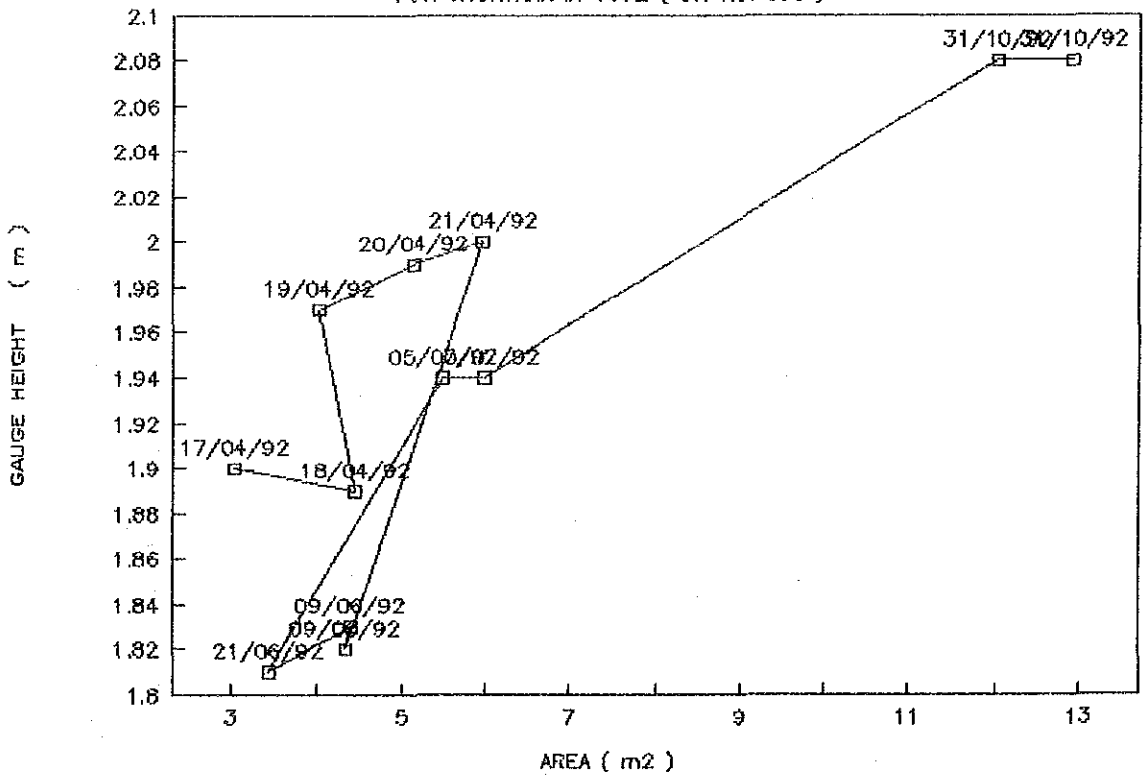
DISCHARGE MEASUREMENT RECORD

FOR CHUNTAHA IN 1992 (ST. NO. 595)



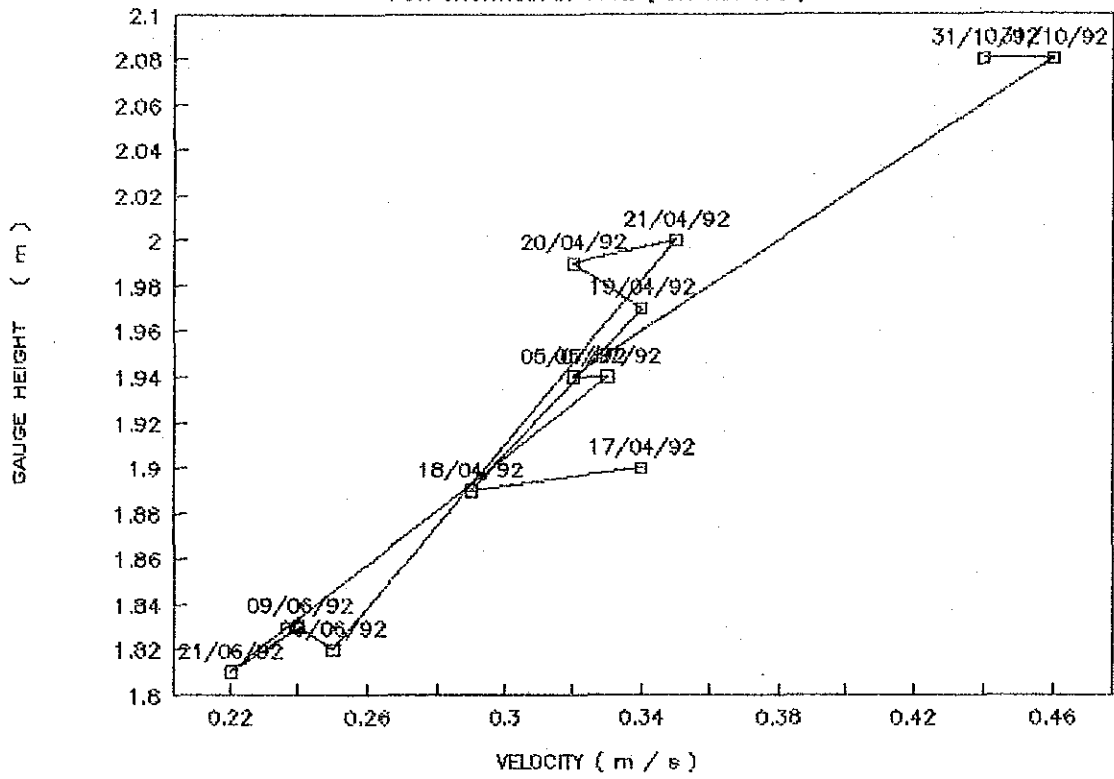
DISCHARGE MEASUREMENT RECORD

FOR CHUNTAHA IN 1992 (ST. NO. 595)



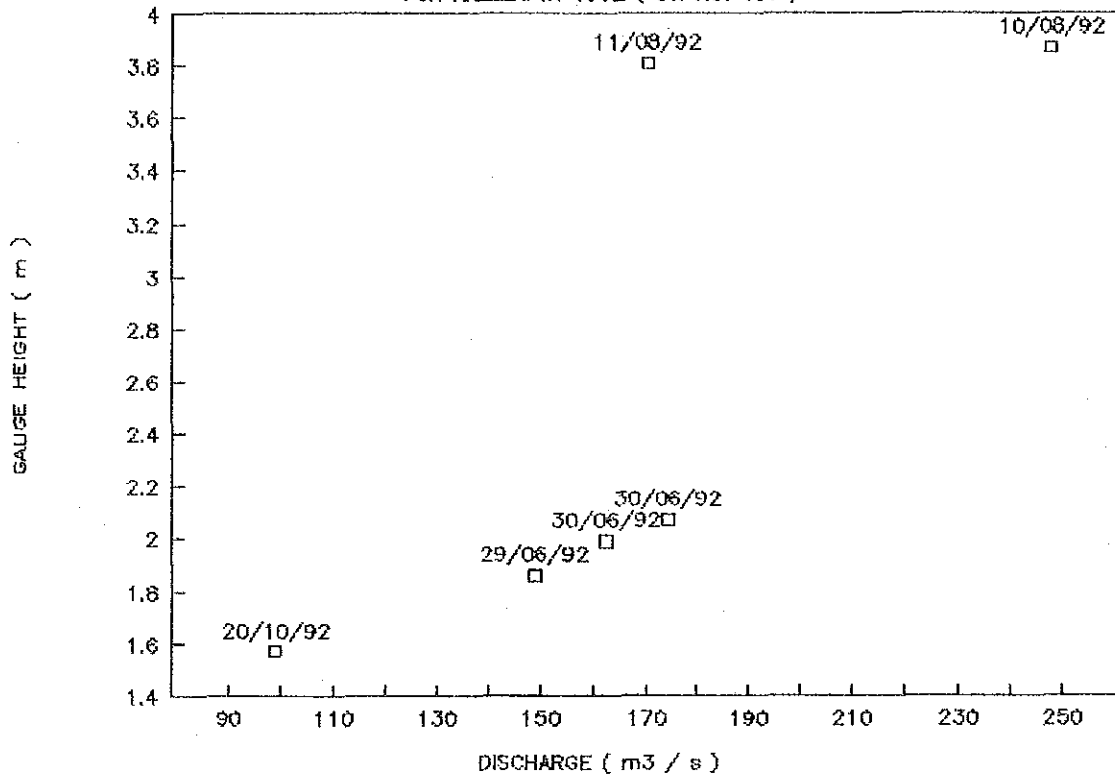
DISCHARGE MEASUREMENT RECORD

FOR CHUNTAHA IN 1992 (ST. NO. 595)



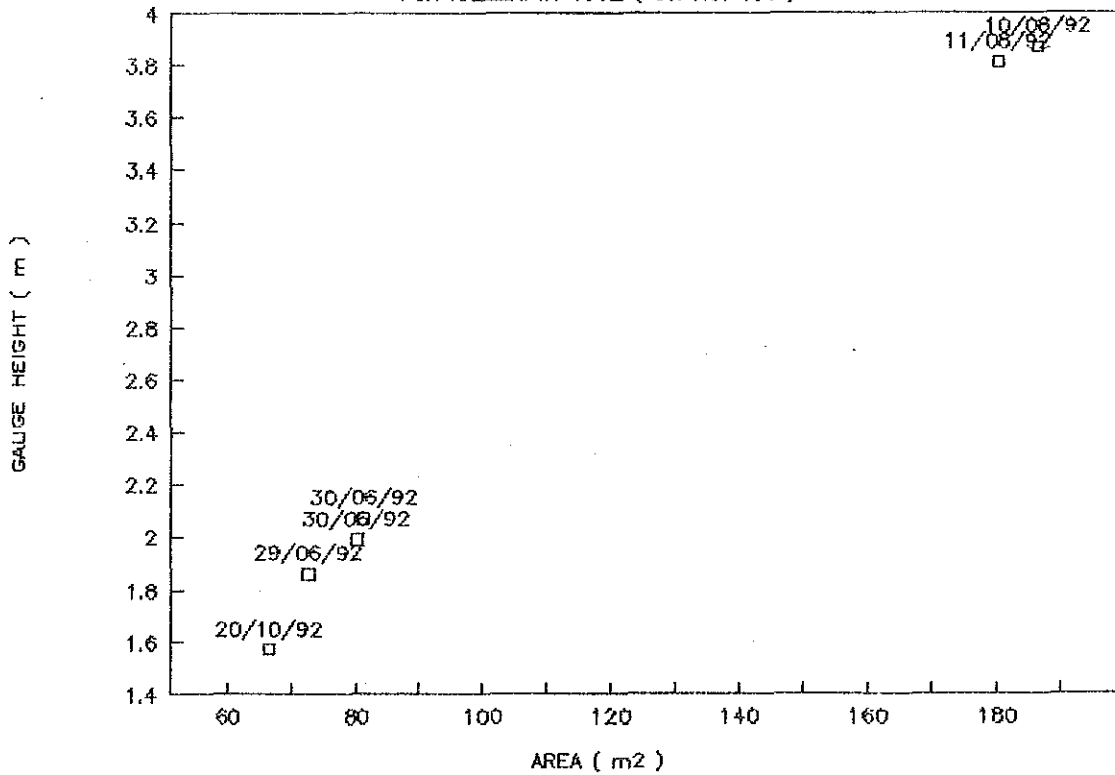
DISCHARGE MEASUREMENT RECORD

FOR KALLERI IN 1992 (ST. NO. 406)



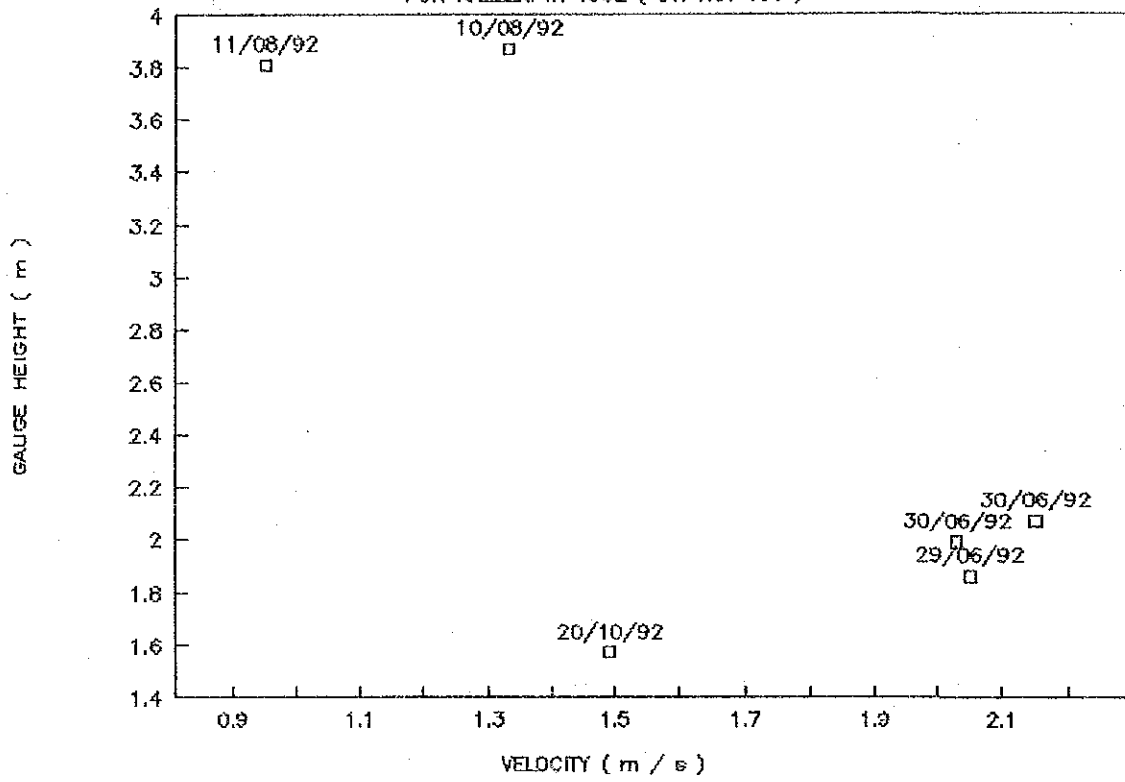
DISCHARGE MEASUREMENT RECORD

FOR KALLERI IN 1992 (ST. NO. 406)



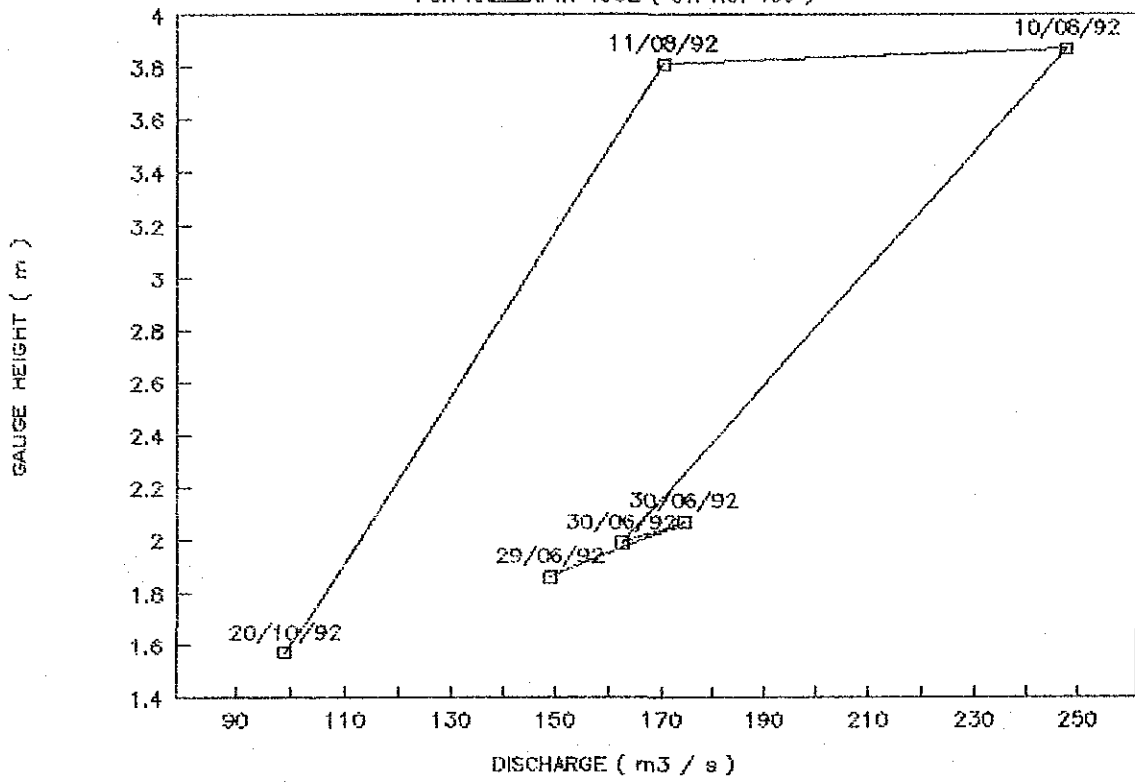
DISCHARGE MEASUREMENT RECORD

FOR KALLERI IN 1992 (ST. NO. 406)



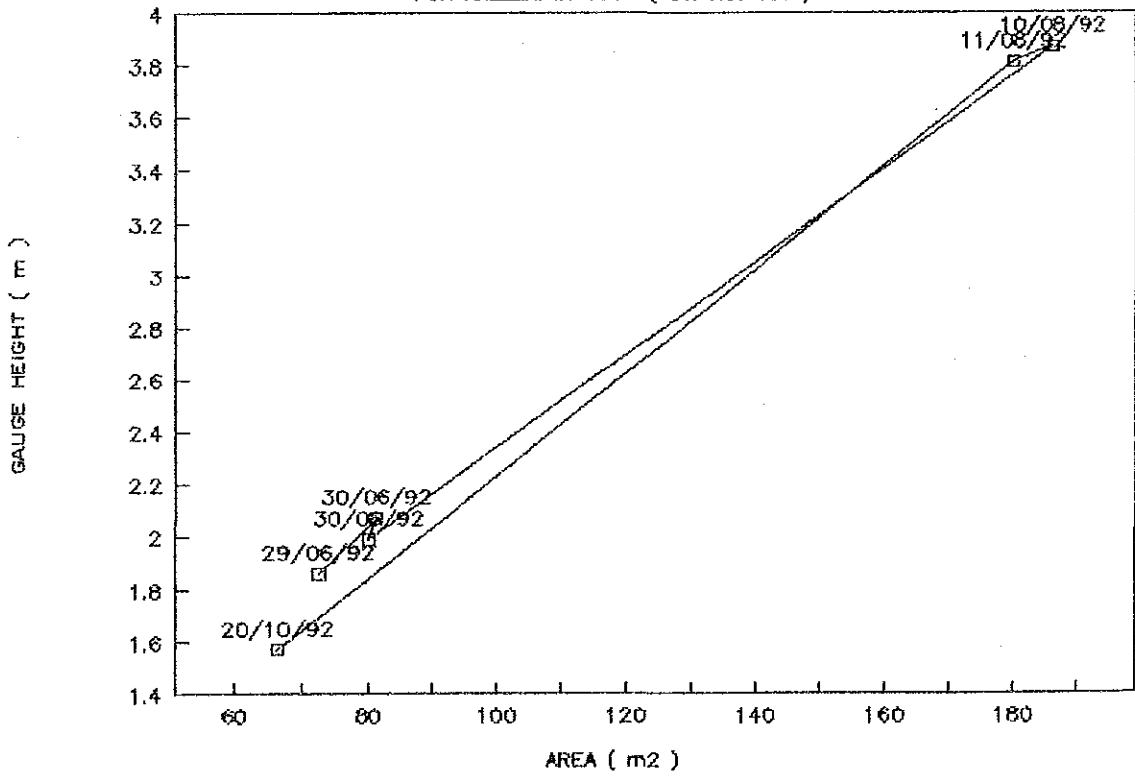
DISCHARGE MEASUREMENT RECORD

FOR KALLERI IN 1992 (ST. NO. 406)



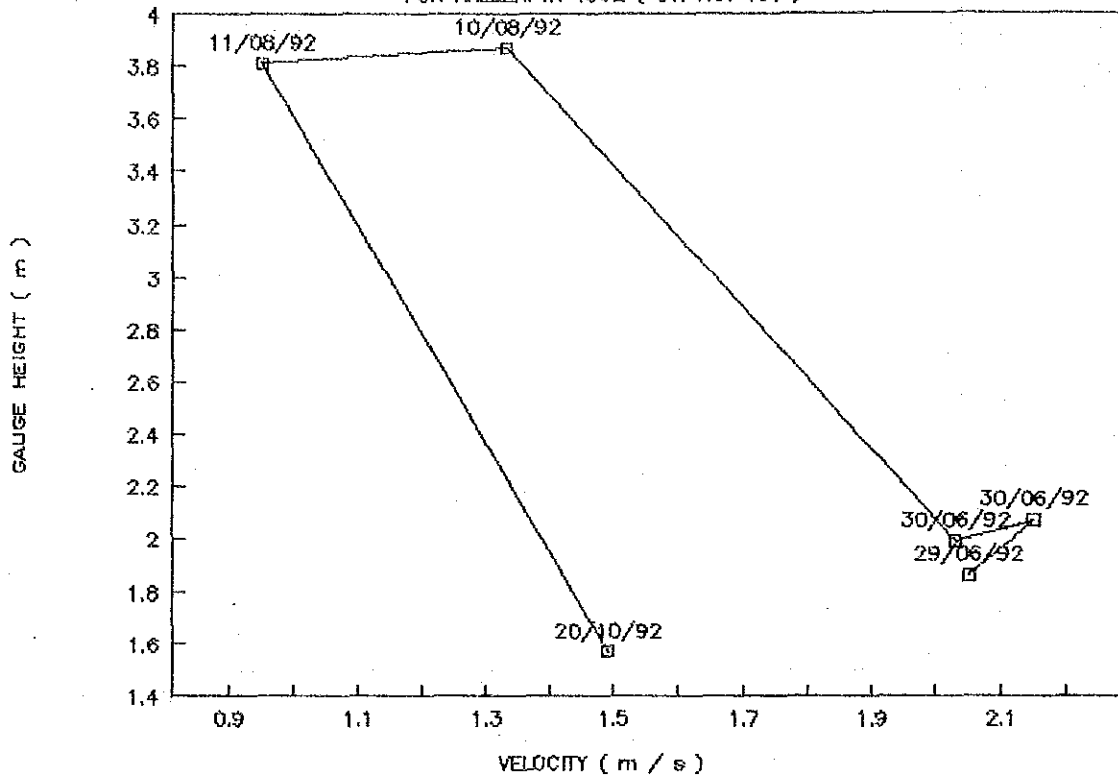
DISCHARGE MEASUREMENT RECORD

FOR KALLERI IN 1992 (ST. NO. 406)



DISCHARGE MEASUREMENT RECORD

FOR KALLERI IN 1992 (ST. NO. 406)



JICA