

613
61.7
SSS

AGENCIA DE COOPERACION INTERNACIONAL DEL JAPON (JICA)

SECRETARIA DE COMUNICACIONES

OBRAS PUBLICAS Y TRANSPORTE

LA REPUBLICA DE HONDURAS

EL ESTUDIO DE PLAN MAESTRO
SOBRE
EL CONTROL DE EROSION Y SEDIMENTACION
EN
LA CUENCA PILOTO, CHOLOMA, SAN PEDRO SULA, CORTES
EN
LA REPUBLICA DE HONDURAS

JICA LIBRARY



1119561171

27609

INFORME FINAL

DATOS

ENERO 1994

PACIFIC CONSULTANTS INTERNACIONAL, TOKIO
ASOCIADO CON
KOKUSAI KOGYO CO., LTD., TOKIO

La estimación de costo fue hecha en base a los niveles de precios prevalecientes en junio de 1993, expresado en Lempiras de acuerdo con la siguiente tasa de cambio.

US\$ 1.00 = Lps. 6.20 = Yen 110.00

(Junio, 1993)

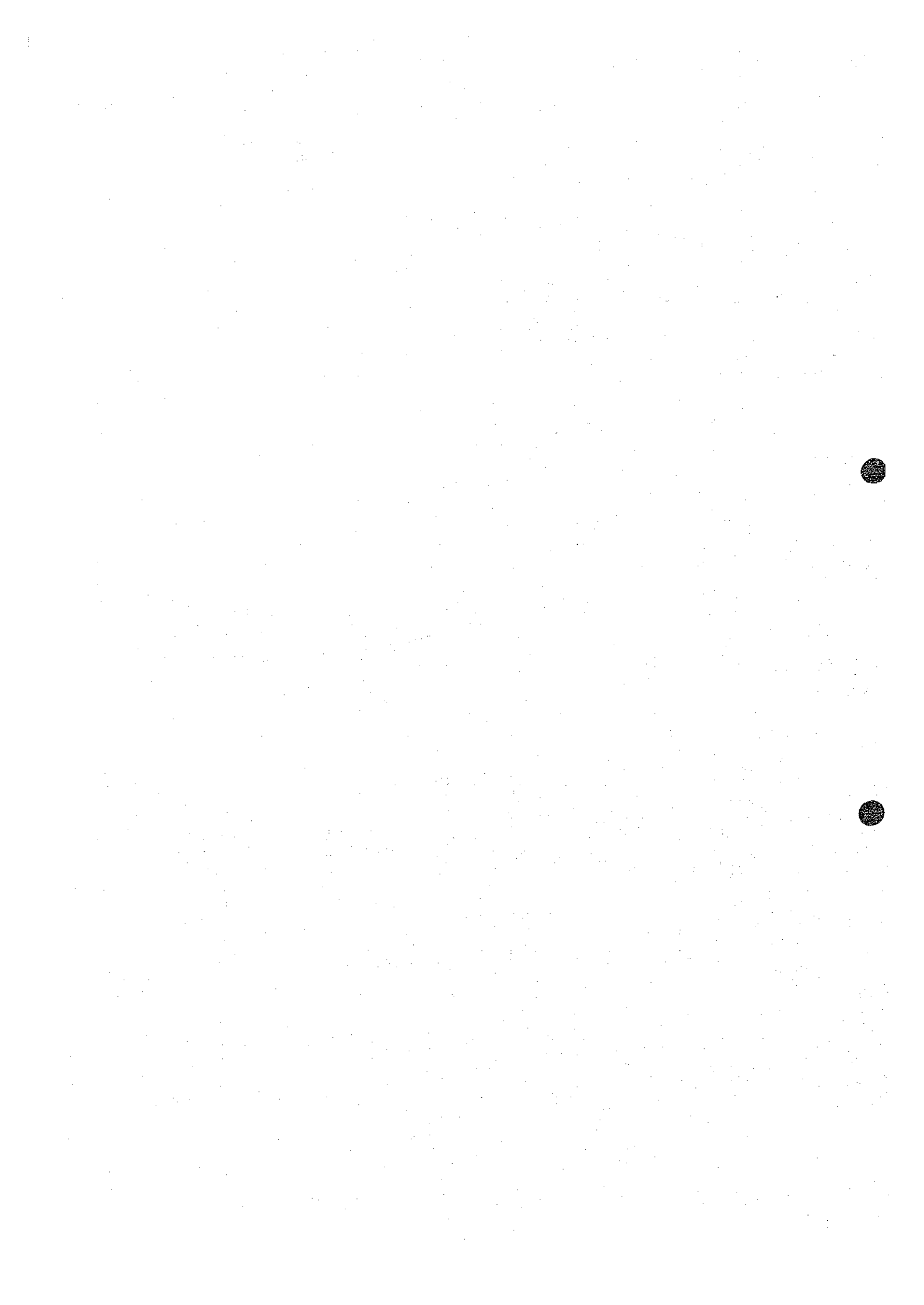


LISTA DE LIBROS DE DATOS

- | | |
|--|--|
| 1. DATOS DEL INFORME SUPLEMENTARIO A | HIDROGIA |
| 2. DATOS DEL INFORME SUPLEMENTARIO C | ESTUDIO DE INUNDACIONES Y DANOS POR INUNDACIONES |
| 3. DATOS DEL INFORME SUPLEMENTARIO D | ESUDIO DE PRODUCCION DE SEDIMENTOS Y EROSION |
| 4. DATOS DEL INFORME SUPLEMENTARIO E | SEDIMENTOLOGIA |
| 5. DATOS DEL LEVANTAMIENTO TOPOGRAFICO | |



**DATOS DEL
INFORME SUPLEMENTARIO A
HIDROGIA**



LIST OF DATA BOOK

1. Available Period of Rainfall Data (Other Stations)
2. List and Location Map of Climate Observation Station
 - 2.1 List and Location Map of Gauges that JICA was installed
 - 2.2 List and Location Map of Climate Observation Station
3. Route of the Hurricane Fifi
4. Simulated Flood discharge by Unit Hydrograph Method (Rio Choloma F/S)
5. Non-Uniform Flow Calculation Data
 - 5.1 Coordination of the River Cross Sections
 - 5.2 Results of the Non-Uniform Flow Calculation

1. Available Period of Rainfall Data (Other Stations)

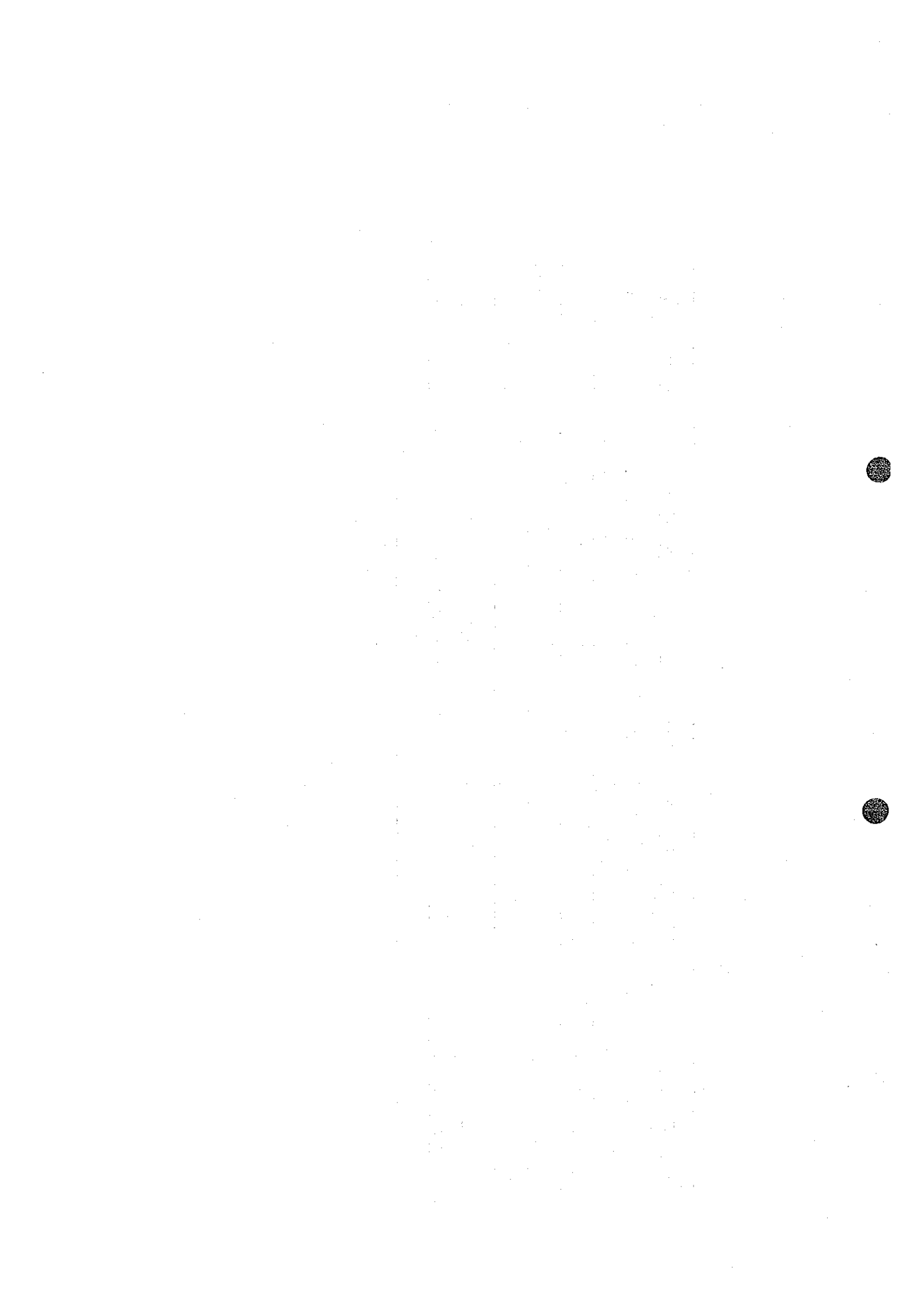
Available Daily Rainfall Data

| Station Name | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | | | | | | | |
|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|
| La Mesa | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | |
| El Modelo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pto Cortes | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | |
| Omoa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Guaymas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peña Blanca | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Morazan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quimistan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

0: Available through the year

·: Partially lacking the data

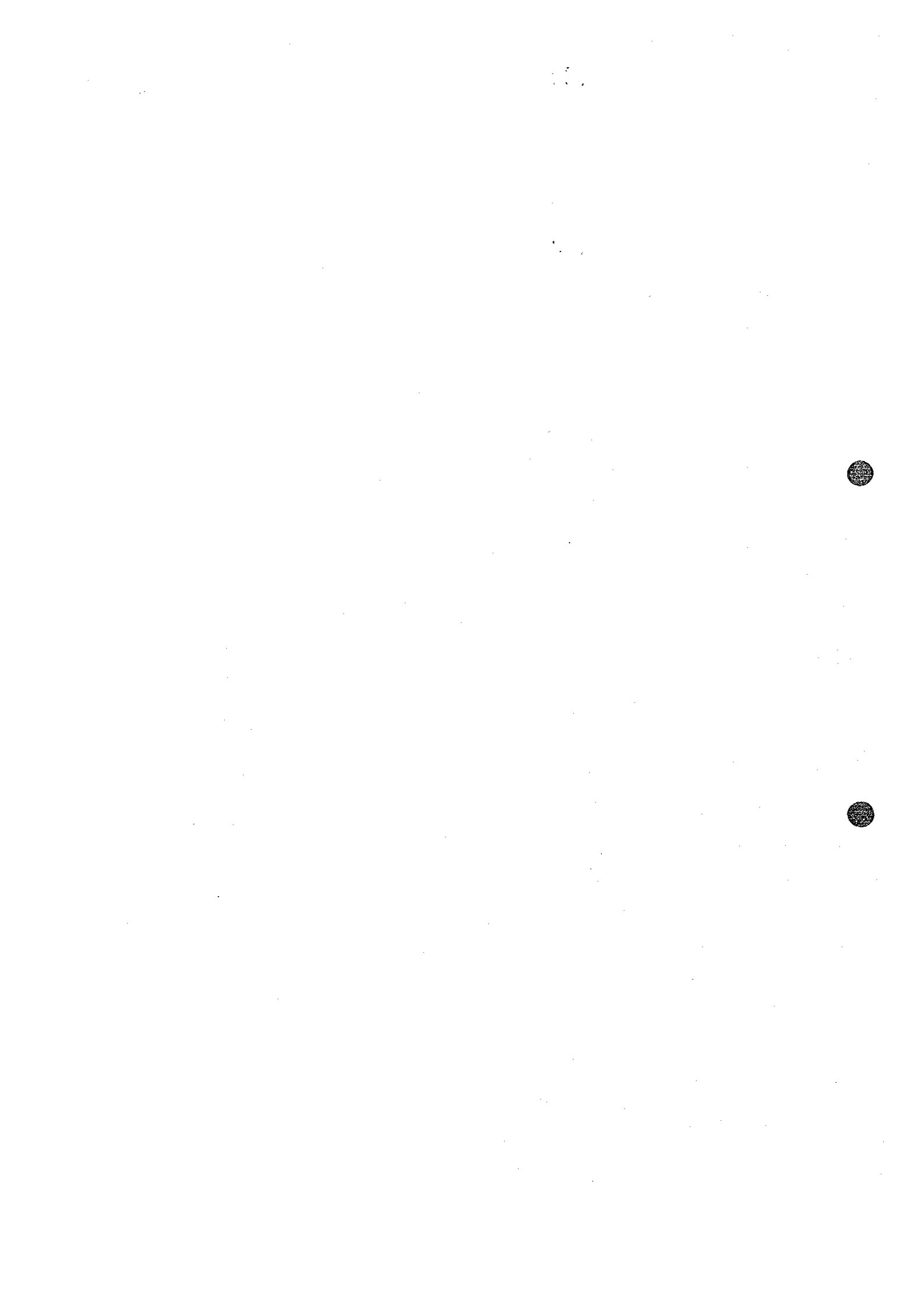
Blanc: Not available



2. List and Location Map of Climate Observation Station



2.1 List and Location Map of Gauges that JICA was installed



List of Locations of Rain Gauge
(JICA Study Team Installed)

- EL GALLITO MELENDON, SAN PEDRO SULA
 88-10-W
 15-31-N

- SUNCERI EL SAUCE, SAN PEDRO SULA
 88-00-W
 15-31-N

- EL ZAPOTAL NORTE SAN PEDRO SULA
 86-06-W
 15-35-N

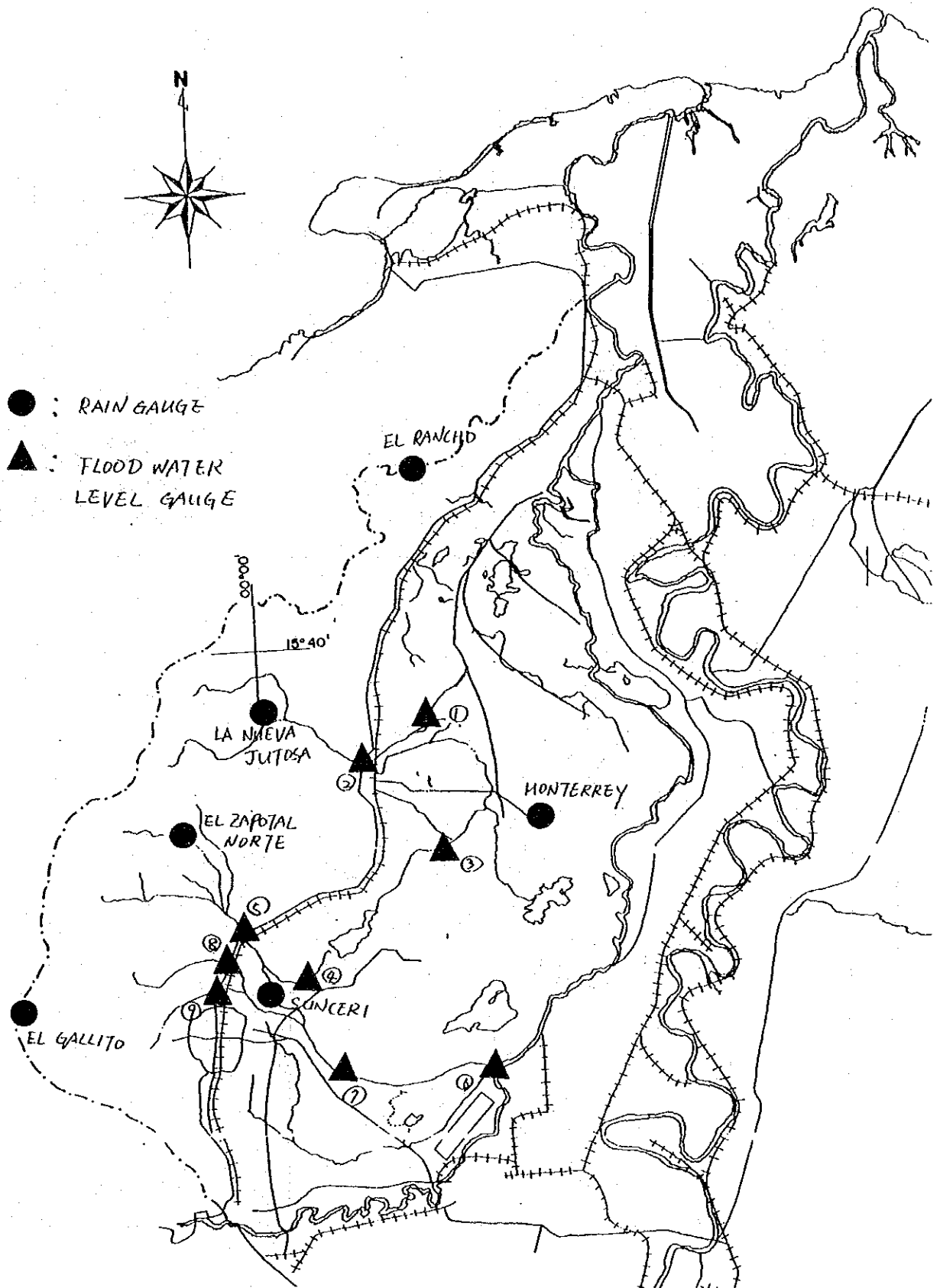
- LA NUEVA JUTOSA CHOLOMA
 88-00-W
 15-38-N

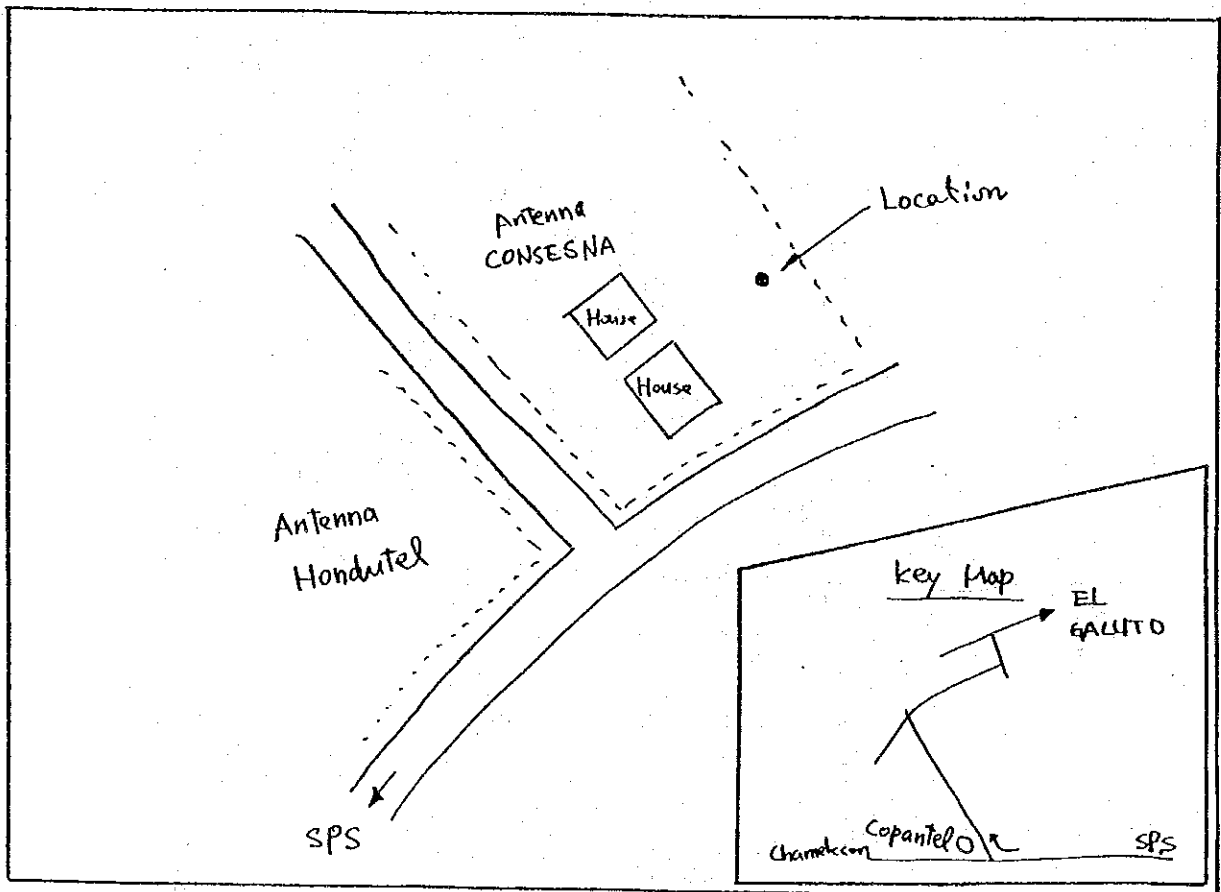
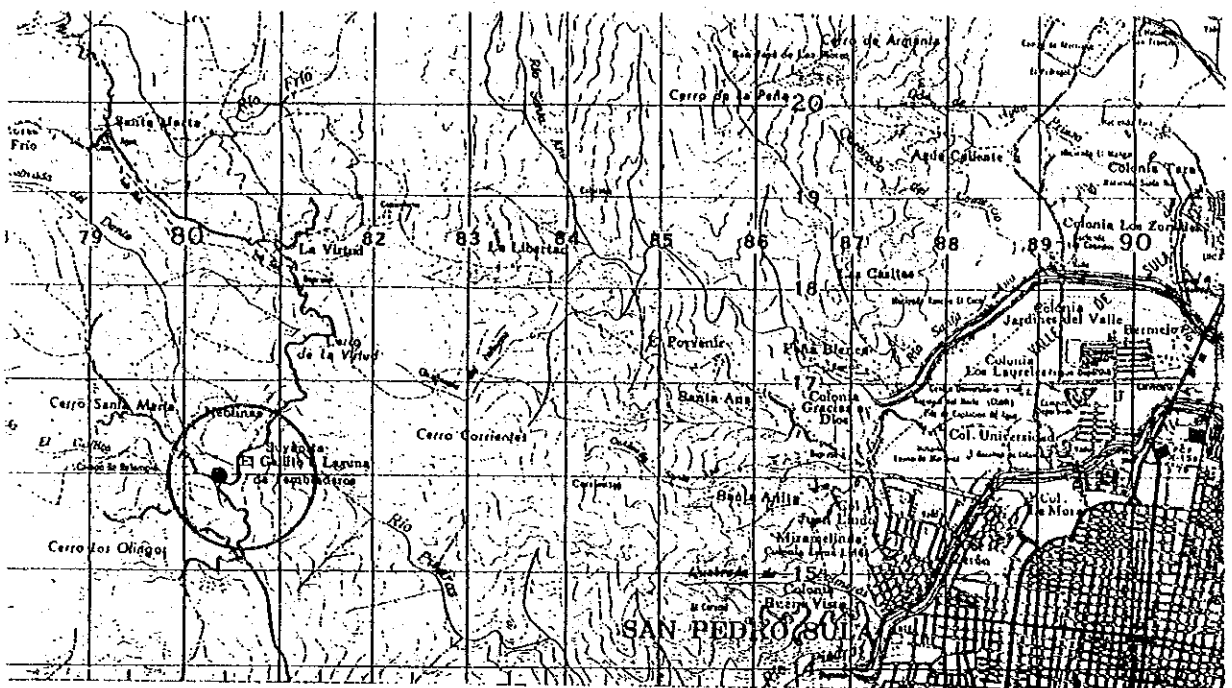
- MONTERREY CHOLOMA
 87-50-W
 15-35-N

- EL RANCHO CHOLOMA
 87-58-W
 15-43-N

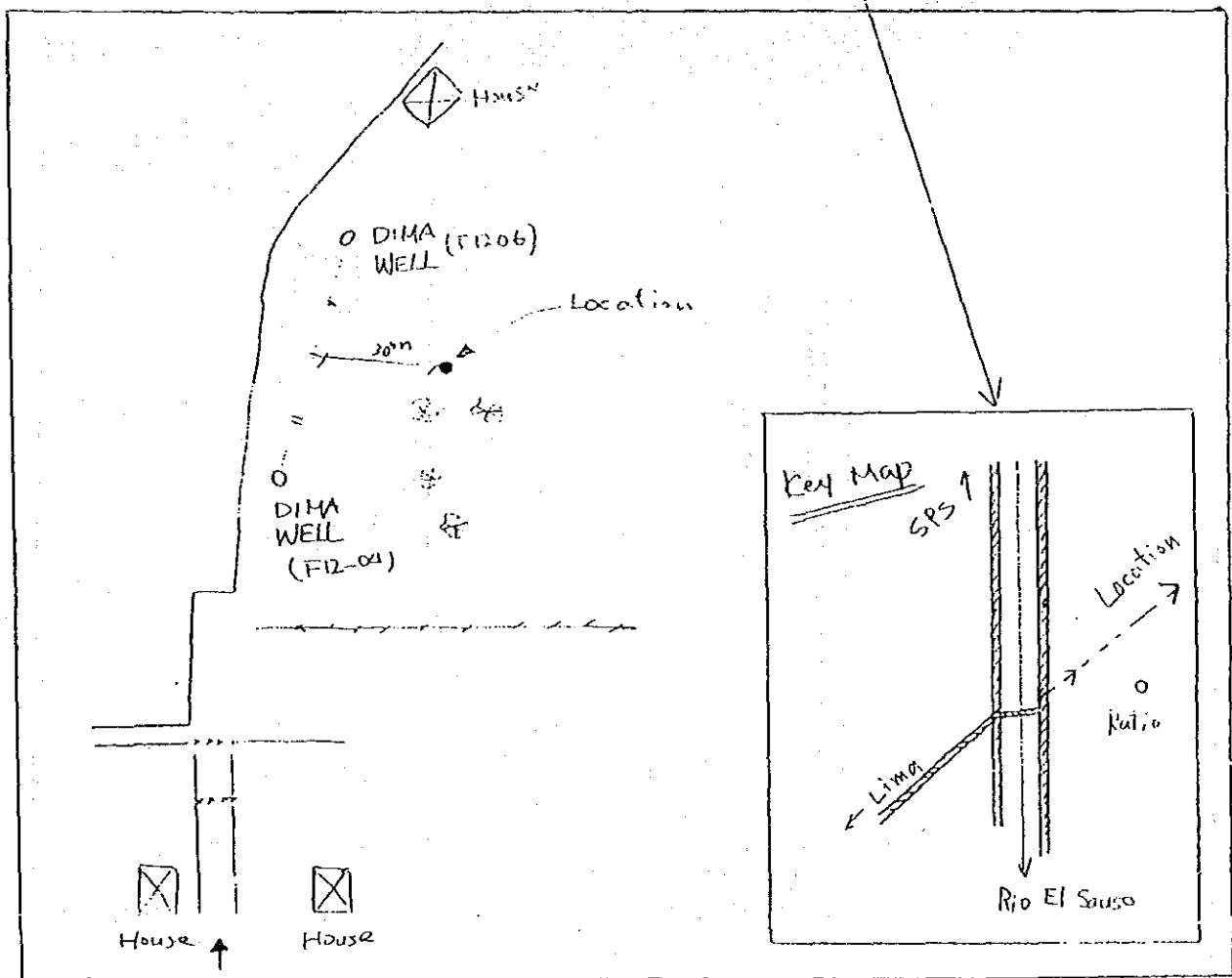
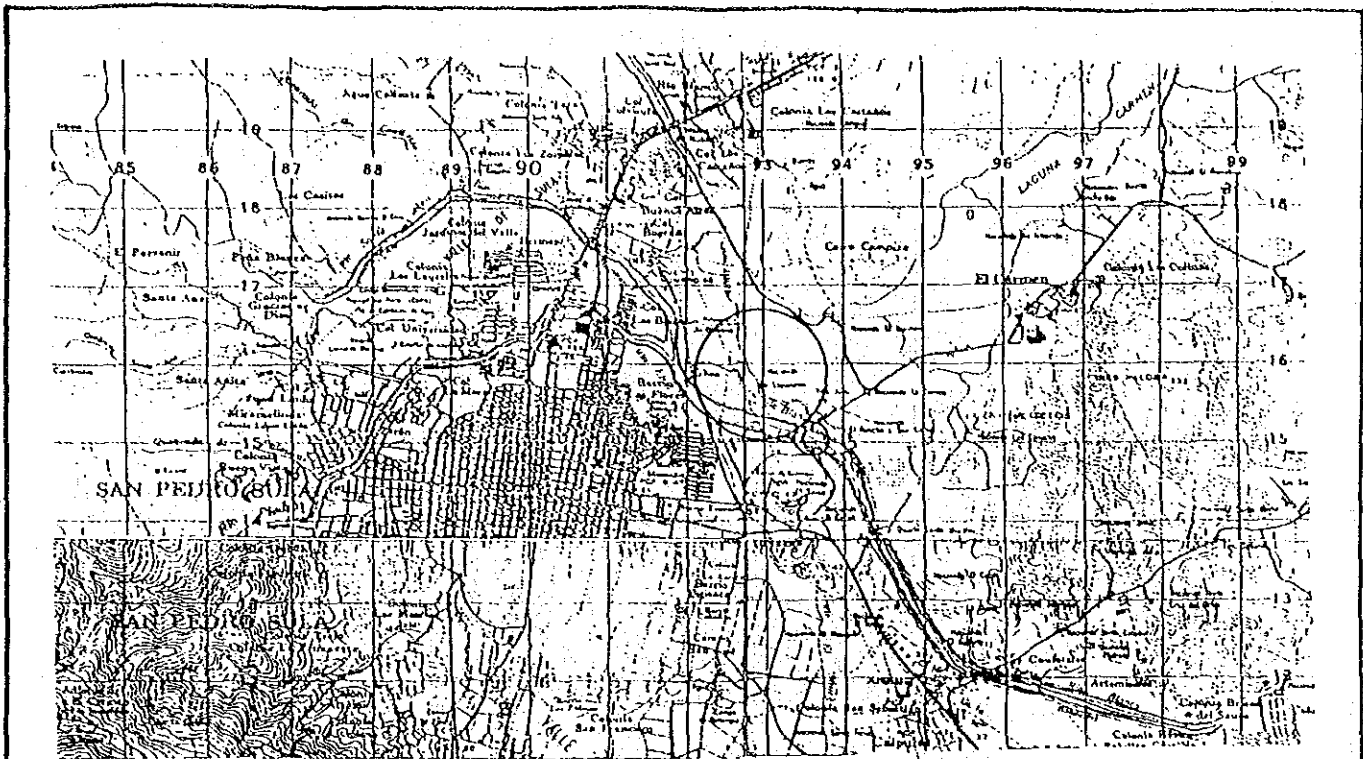
List of Locations of Flood Water Level Gauge
(JICA Study Team Installed)

- 1 Rio Choloma
- 2 Choloma Bridge (National Road)
- 3 Canal San Roque
- 4 Rio Blanco
- 5 Rio Blanco (National Road Bridge)
- 6 Rio El Sauce (Jct. of Rio Chamelecon)
- 7 Rio El Sauce
- 8 Rio Bermejo (National Road Bridge)
- 9 Rio Piedras (National Road Bridge)

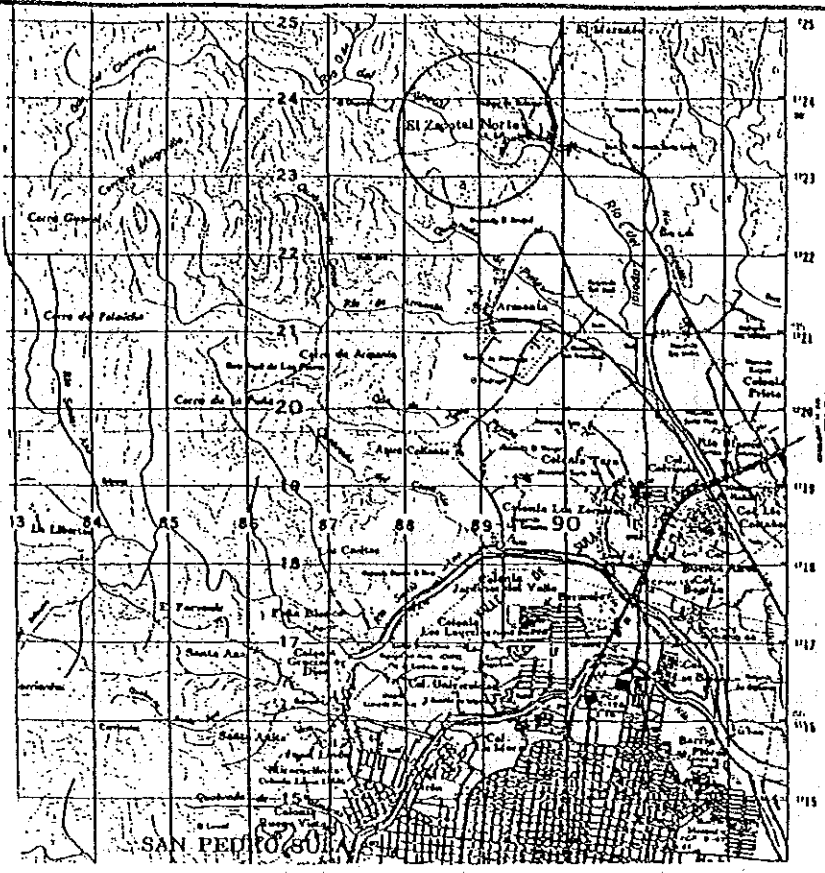




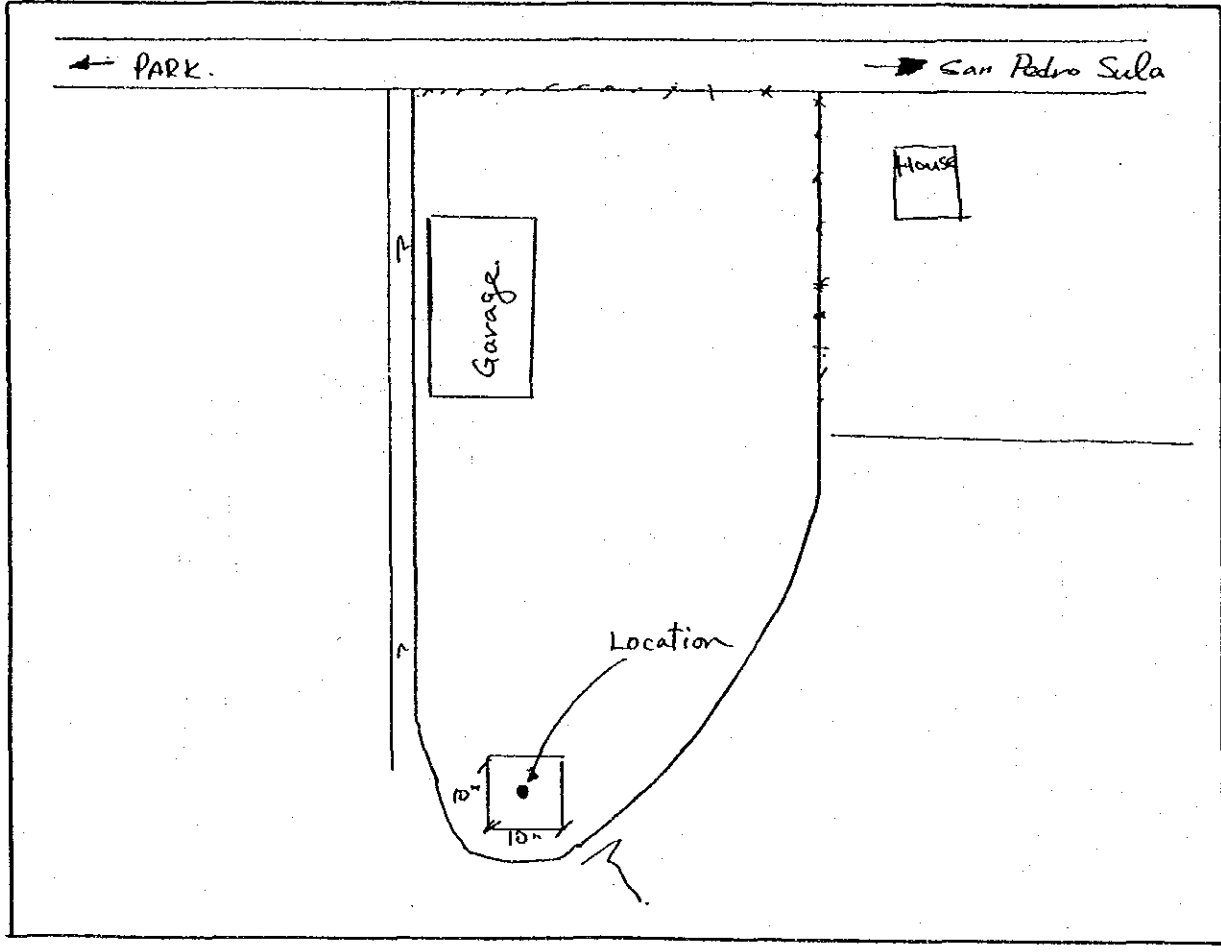
EL GALLITO

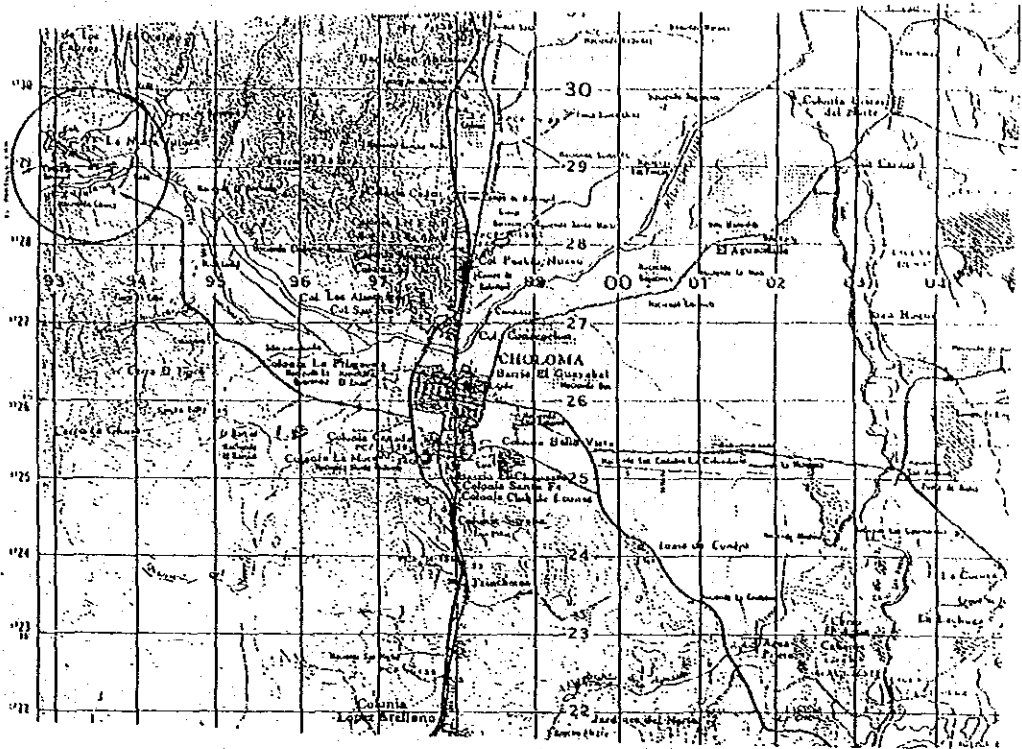


SUNCERI

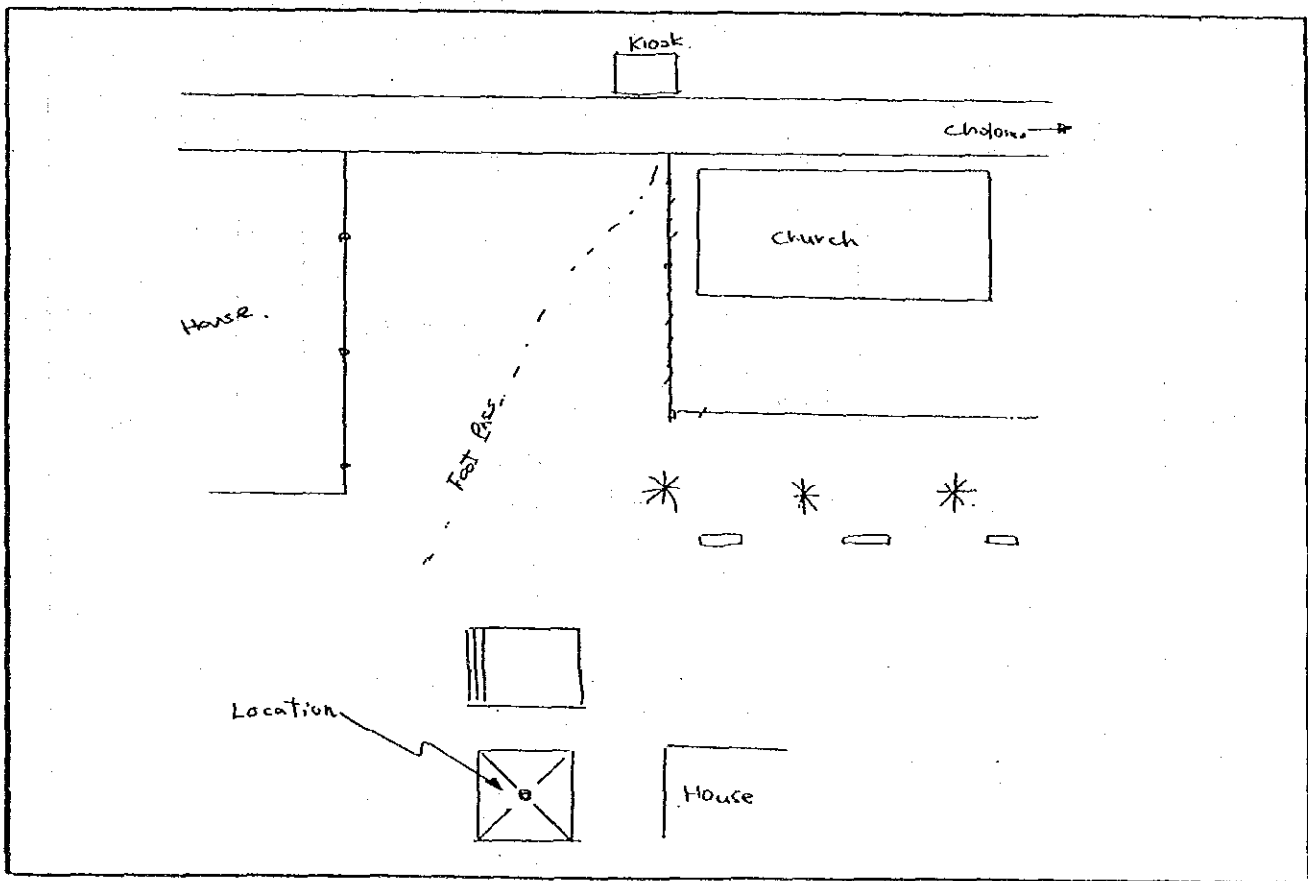


EL ZAPOTAL NORTE

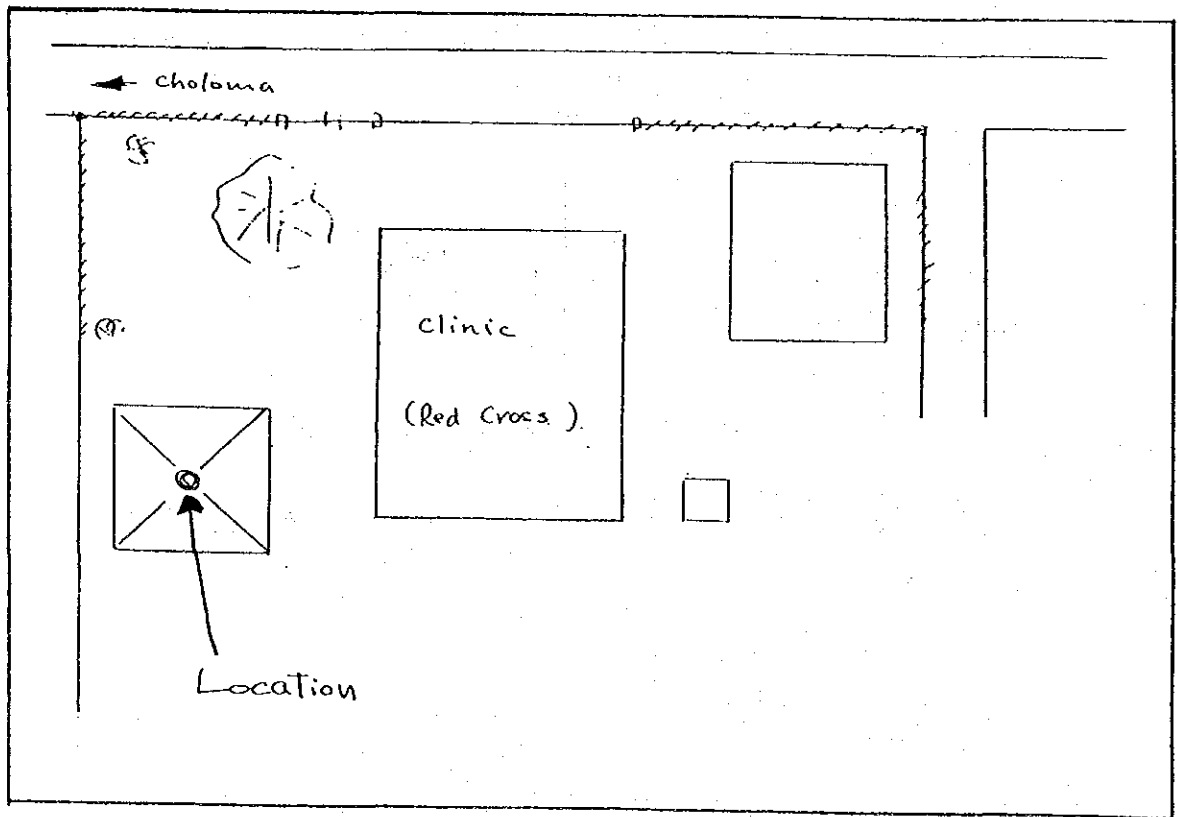
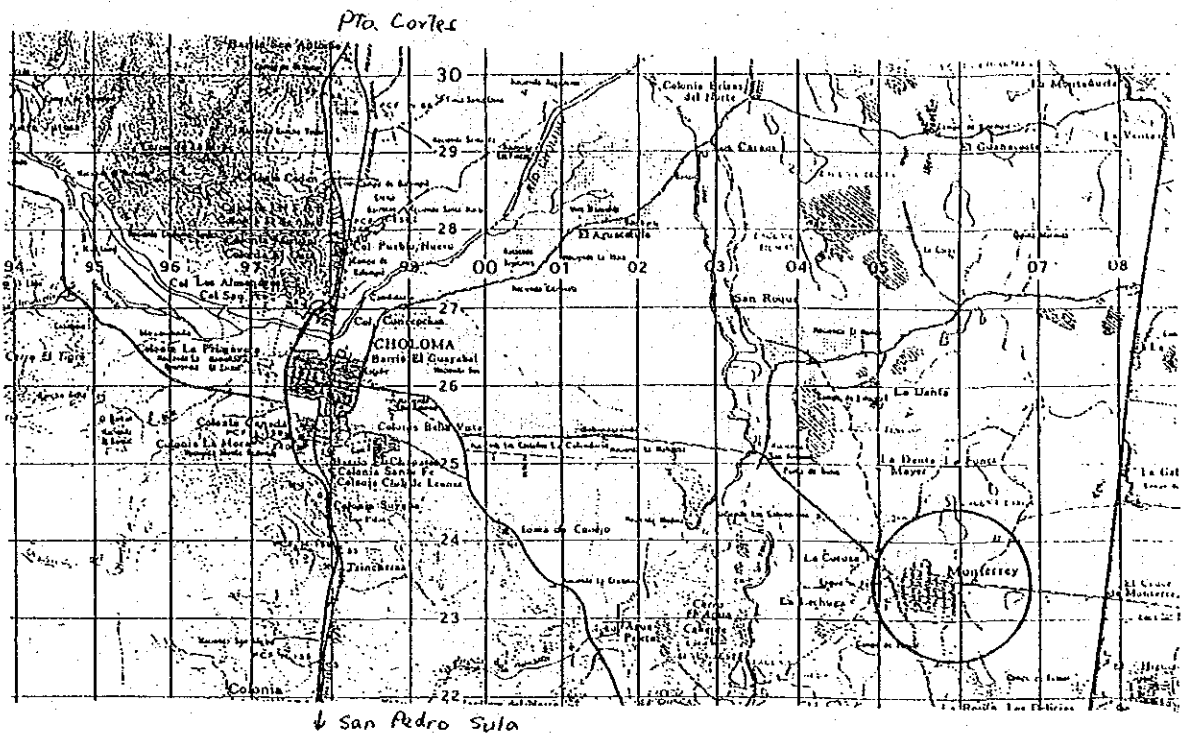




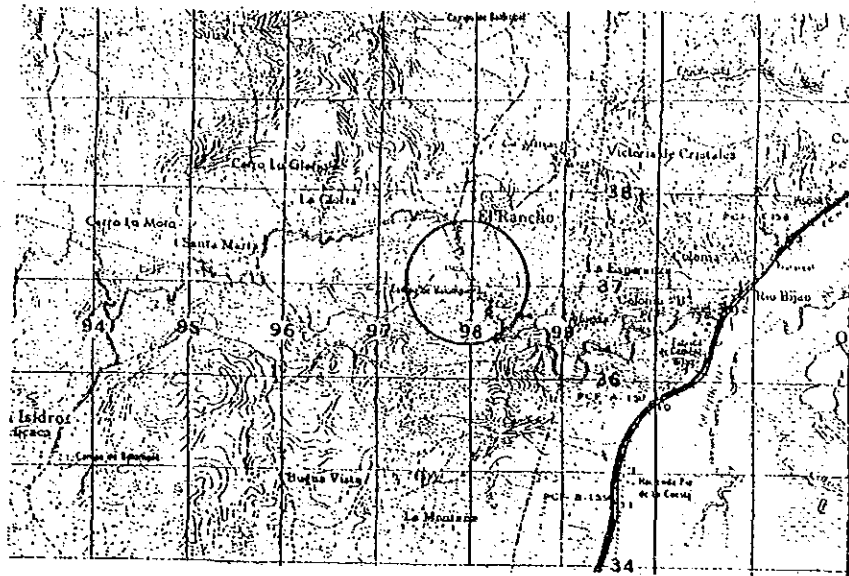
San Pedro Sula



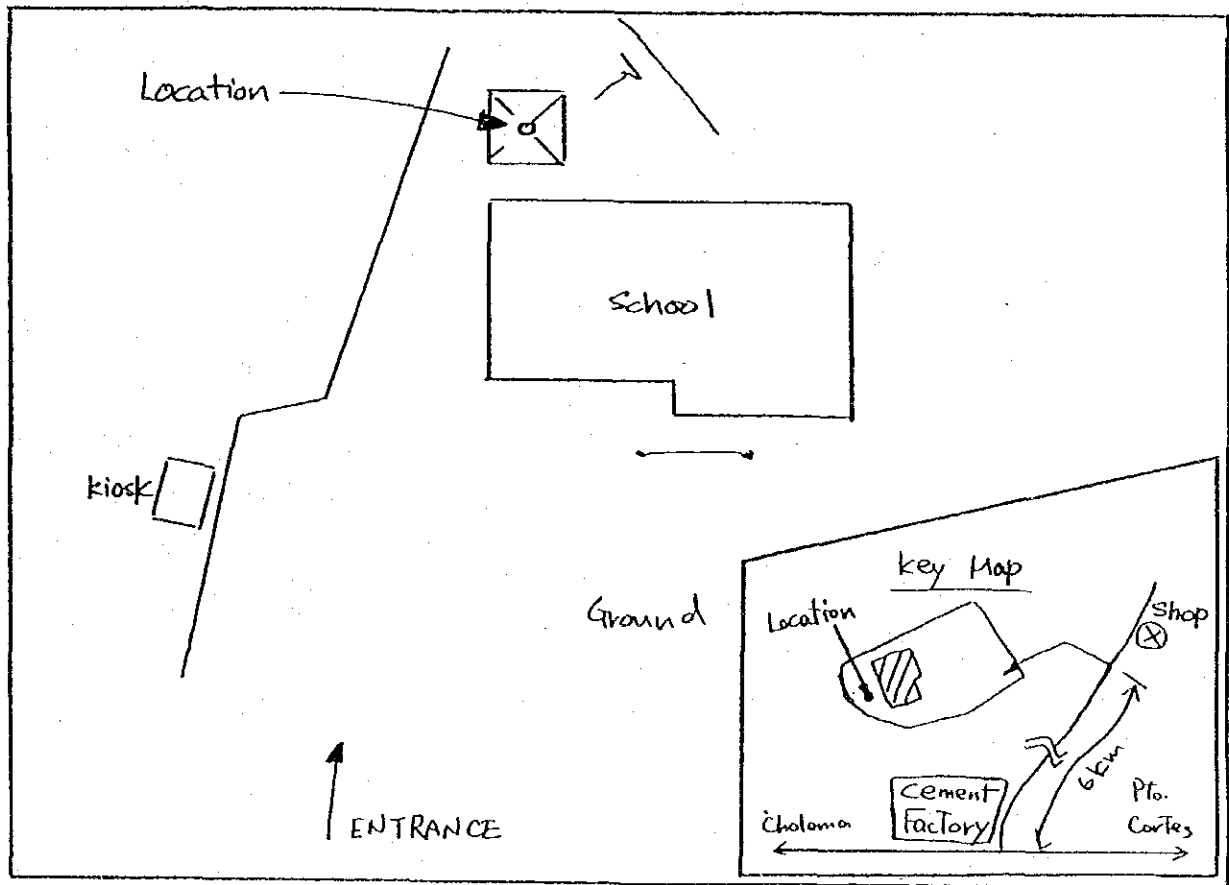
NUEVA JUTOSA



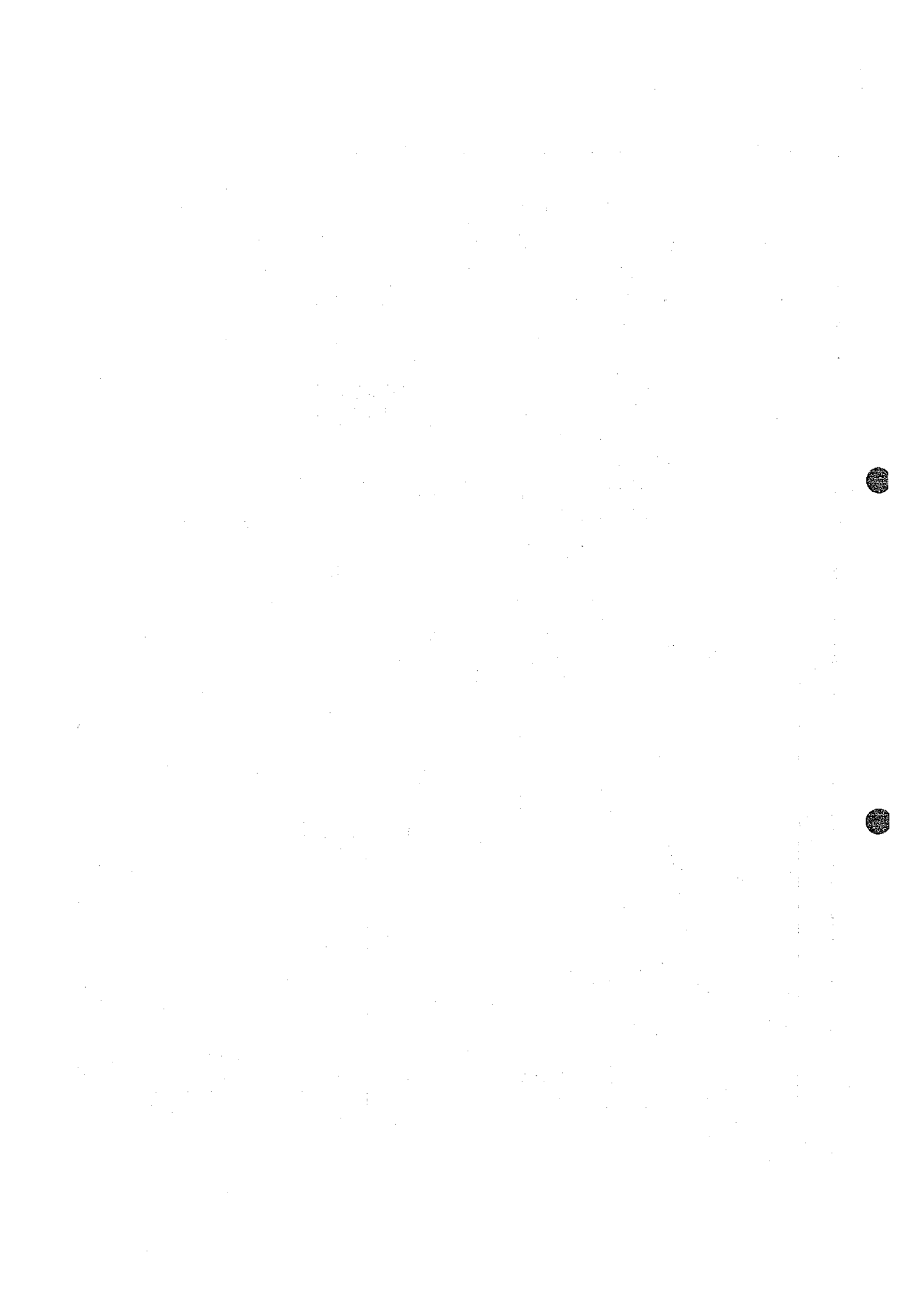
MONTERREY



Choloma / San Pedro Surva



EL RANCHO



2.2 List and Location Map of Climate Observation Station



station

| | Name | Type | Institute | Latitude | | | Longitude | | | Elevation | Sheet No. |
|----|-------------------|------|-----------|----------|------|------|-----------|------|------|-----------|-----------|
| | | | | Deg. | Min. | Sec. | Deg. | Min. | Sec. | | |
| 1 | Copen | Tp | | 15 | 27 | | 87 | 54 | | 22 | 2662-III |
| 2 | Planes Colon | Pv | SFCO | 15 | 37 | | 86 | 21 | | 200 | 2962-IV |
| 3 | Oropoli -A | Pv | SHC | 13 | 49 | 5 | 86 | 49 | 5 | 470 | 2857-III |
| 4 | Concepcion RG | Hmo | SANAA | 13 | 59 | 20 | 87 | 15 | 15 | 1160 | 2757-IV |
| 5 | El Reventon | Pv | SANAA | 14 | 14 | 35 | 87 | 22 | 25 | 1070 | 2758-IV |
| 6 | Maraita | Pv | SHC | 13 | 53 | 6 | 87 | 2 | 17 | 790 | 2757-I |
| 7 | Flores Com | Hmp | SHC | 14 | 17 | 30 | 87 | 34 | 6 | 620 | 2658-I |
| 8 | toncontinFM | S | SMN | 14 | 2 | | 87 | 14 | 52 | 1000 | 2758-II |
| 9 | Incienso | Pv | SANAA | 14 | 1 | | 87 | 8 | 19 | 1110 | 2758-II |
| 10 | El Coyolar | Hmo | SHC | 14 | 19 | | 87 | 30 | 39 | 800 | 2658-I |
| 11 | Playitas | Hmp | SHC | 14 | 25 | 25 | 87 | 42 | 6 | 595 | 2659-II |
| 12 | N Armenia | Pv | SHC | 13 | 45 | 2 | 87 | 9 | 52 | 600 | 2557-II |
| 13 | El Batallon | Hmo | SANAA | 14 | 4 | | 87 | 15 | 28 | 1030 | 2758-II |
| 14 | S. Ant. Flores | Pv | SHC | 13 | 43 | 13 | 86 | 53 | 6 | 790 | 2857-III |
| 15 | El Sauce FM | Pv | SMN | 13 | 54 | 20 | 87 | 13 | 15 | 1318 | 2758-II |
| 16 | Belen Lembira | Pv | ENEE | 14 | 29 | 37 | 88 | 29 | 22 | 905 | 2559-IV |
| 17 | El Zamorano F.M | Hmp | SHC | 14 | 0 | 45 | 87 | | 8 | 780 | 2756-II |
| 18 | Ojojona | Pv | SHC | 13 | 56 | | 87 | 17 | | 1380 | 2758-III |
| 19 | S. Marcos Ocot | Pv | ENEE | 14 | 24 | 41 | 88 | 57 | 30 | 814 | 2459-III |
| 20 | Higuito Copan | Pv | ENEE | 14 | 42 | 48 | 86 | 46 | 48 | 580 | 2460-III |
| 21 | Gracias | Pv | ENEE | 14 | 35 | 13 | 88 | 35 | 15 | 920 | 2459-I |
| 22 | Agua Caliente | Hmo | SHC | 14 | 40 | 39 | 87 | 17 | 25 | 560 | 2660-III |
| 23 | Sta Cruz Sensenti | Pv | ENEE | 14 | 30 | 59 | 88 | 58 | 31 | 1180 | 2459-III |
| 24 | Lamani | Pv | SMN | 14 | 9 | | 87 | 37 | | 650 | 2658-II |
| 25 | La Campa | Pv | ENEE | 14 | 28 | 29 | 88 | 35 | 47 | 1160 | 2559-II |
| 26 | Victoria Yoro | Hmp | SHC | 14 | 56 | 7 | 87 | 23 | 22 | 360 | 2760-IV |
| 27 | Lepaterique | Pv | SHC | 14 | 3 | | 87 | 27 | | 1500 | 2758-III |
| 28 | Marcala L.P | Hmo | SHC | 14 | 9 | 32 | 88 | 2 | 25 | 1340 | 2558-II |
| 29 | Corquin | Pv | ENEE | 14 | 34 | 18 | 88 | 52 | 7 | 880 | 2459-III |
| 30 | La Labor Ocot. | Pv | SMN | 14 | 29 | 40 | 88 | 56 | 12 | 870 | 2459III |
| 31 | Sensenti | Hmo | SHC | 14 | 29 | | 89 | | | 993 | 2359-II |
| 32 | Catacamas | S | SMN | 14 | 49 | | 85 | 56 | | 442 | 2966-II |
| 33 | Yuscaran | Pv | SHC | 13 | 56 | 35 | 86 | 50 | 50 | 900 | 2853-IV |
| 34 | Esquies | Pv | ENEE | 14 | 44 | 29 | 87 | 22 | 10 | 660 | 2766-III |

station

| | | | | | | | | | | | |
|----|---------------------|-----|-------|----|----|----|----|----|----|------|----------|
| 35 | La Brea | Hmo | SANAA | 14 | 3 | 19 | 87 | 23 | 24 | 1630 | |
| 36 | Nuevo Rosario | Pv | SMN | 14 | 13 | 58 | 87 | 3 | 50 | 1450 | 2858-II |
| 37 | Veracruz | Pv | ENEE | 14 | 53 | 32 | 88 | 46 | 58 | 750 | 2460-IV |
| 38 | La Union Lempira | Pv | ENEE | 14 | 48 | 50 | 88 | 24 | 16 | 1040 | 2560-III |
| 39 | San Jeronimo C. | Hmo | ENEE | 14 | 37 | 33 | 87 | 36 | 15 | 440 | 2559-I |
| 40 | Sta Rosa de Copan | S | SMN | 14 | 46 | 18 | 88 | 46 | 25 | 1079 | 2460-III |
| 41 | Gualtaya | pv | ENEE | 14 | 40 | 44 | 88 | 49 | 19 | 1040 | 2460-III |
| 42 | Vallecillo | Hmo | ENEE | 14 | 31 | 3 | 87 | 23 | 45 | 1070 | 2759-IV |
| 43 | Zinguisapa | Pv | SANAA | 14 | 27 | | 87 | 23 | 42 | 1290 | |
| 44 | S. J. de la Montaña | pv | ENEE | 14 | 41 | 32 | 88 | 21 | 23 | 920 | 2560-III |
| 45 | Palmital Belen | Pv | ENEE | 14 | 51 | 13 | 87 | 48 | 54 | 850 | 2660-IV |
| 46 | El Porvenir | Hmo | SHC | 14 | 14 | 8 | 86 | 59 | 12 | 660 | 2858-IV |
| 47 | EL Nispero | Hmo | ENEE | 14 | 46 | 19 | 88 | 20 | 17 | 600 | 2560-III |
| 48 | Manacal Cortes | Hmo | SFCO | 15 | 23 | | 88 | 10 | | 15 | 2562-II |
| 49 | Copan Ruinas | Pv | SAHSA | 14 | 52 | | 89 | 10 | | 620 | 2360-I |
| 50 | Las Botijas | Pv | SHC | 14 | 21 | 49 | 87 | 24 | 55 | 1480 | 2759-III |
| 51 | Portillo La Mora | Pv | SHC | 14 | 25 | 5 | 87 | 46 | 2 | 1380 | |
| 52 | Omonita | Pv | TRRC | 15 | 24 | | 87 | 53 | | | 2662-III |
| 53 | Lepaterique | pv | SHC | 14 | 3 | | 87 | 27 | | 1500 | |
| 54 | El Pedrero | Pv | ENEE | 15 | 29 | 40 | 85 | 42 | 24 | 245 | 3062-II |
| 55 | Pro Lempira | S | SMN | 15 | 12 | 30 | 83 | 48 | | 13 | 3461-IV |
| 56 | Pto Cortes | Pv | SFCO | 15 | 54 | | 87 | 56 | | 10 | |
| 57 | El Progreso Yoro | Tp | SFCO | 15 | 21 | | 87 | 56 | | 30 | 2662-III |
| 58 | Guanacastal | Pv | SFCO | 15 | 40 | | 87 | 47 | 25 | 11 | 2663-III |
| 59 | La Lima Cortes | Tp | | 15 | 26 | | 87 | 52 | | 31 | 2662-III |
| 60 | Indiana Cortes | Tp | | 15 | 27 | | 87 | 52 | | 20 | 2662-III |
| 61 | Los Indios | Tp | | 15 | 28 | | 87 | 49 | | 21 | 2662-III |
| 62 | Buena Vista | Tp | | 15 | 23 | | 87 | 50 | | 28 | 2662-III |
| 63 | El picacho | Pv | SANAA | 14 | 2 | | 87 | 2 | | 1373 | 2758-II |
| 64 | ING. El Porvenir | Hmp | SHC | 14 | 14 | 8 | 86 | 59 | 20 | 660 | 2858-IV |
| 65 | La Habana | Pv | SHC | 15 | 13 | 21 | 87 | 20 | 44 | 800 | |
| 66 | Moroceli | Pv | SMN | 14 | 7 | | 86 | 52 | | 655 | 2858-III |
| 67 | Guayabe | Pv | ENEE | 14 | 47 | 17 | 86 | 51 | 29 | 750 | 2859-IV |
| 68 | Piñonal | Hmo | ENEE | 14 | 4 | 23 | 86 | 20 | 29 | 440 | 2958-III |
| 69 | San Felipe | Pv | ENEE | 14 | 12 | 31 | 86 | 42 | 51 | 640 | 2858-I |
| 70 | LA Gloria | Hmp | SHC | 14 | 26 | 59 | 87 | 58 | 31 | 600 | 2659-III |

station

| | | | | | | | | | | | |
|-----|------------------------|-----|------|----|----|----|----|----|----|------|----------|
| 71 | Zambrano | Pv | SHC | 14 | 16 | 55 | 87 | 24 | 35 | 1350 | 2758-IV |
| 72 | Sulaco | Pv | ENEE | 14 | 54 | 36 | 87 | 15 | 54 | 410 | 2760-IV |
| 73 | Marale | Pv | ENEE | 14 | 53 | 39 | 87 | 10 | 2 | 720 | 2760-I |
| 74 | Las Flores Lempira | Pv | ENEE | 14 | 42 | 29 | 88 | 37 | 35 | 520 | 2460-II |
| 75 | EL Tablon | Pv | ENEE | 14 | 43 | 44 | 88 | 27 | 20 | 930 | 2560-III |
| 76 | La Guata Yoro | Pv | ENEE | 15 | 11 | 7 | 87 | 5 | 56 | 700 | 2761-I |
| 77 | Teupasenti | Pv | SHC | 14 | 13 | 15 | 86 | 42 | 20 | 680 | 2858-I |
| 78 | Salama | Pv | SHC | 14 | 49 | 50 | 86 | 34 | 18 | 600 | 2860-II |
| 79 | Villa Ahumada | Hmo | SHC | 14 | | 15 | 86 | 32 | | 830 | 2858-II |
| 80 | Siguatepeque | Hmo | SHC | 14 | 34 | 53 | 87 | 50 | 25 | 1080 | 2659-IV |
| 81 | D. Nombre de Copan | Pv | ENEE | 14 | 51 | 14 | 88 | 49 | 54 | 1140 | 2460-IV |
| 82 | Col 21 de Octubre | Pv | SMN | 14 | 6 | | 87 | 12 | | 1000 | 2758-II |
| 83 | Guinope | Pv | SHC | 13 | 53 | 30 | 86 | 56 | 15 | 1350 | 2857-IV |
| 84 | La Laguna | Pv | SHC | 14 | 25 | | 87 | 45 | 22 | 1180 | 2659-II |
| 85 | Yorito | Pv | ENEE | 15 | 3 | 58 | 87 | 16 | 50 | 760 | |
| 86 | Ulapa | Hmo | ENEE | 14 | 58 | 25 | 88 | 36 | 10 | 330 | 2460-I |
| 87 | Belen Gualicho | Pv | ENEE | 14 | 28 | 44 | 88 | 47 | 23 | 1600 | 2459-III |
| 88 | S. Lucas E. P. | Pv | SHC | 13 | 44 | 28 | 86 | 57 | 8 | 1250 | 2857-III |
| 89 | La Guata Olancho | Pv | ENEE | 15 | 4 | 5 | 86 | 24 | 57 | 660 | 2961-III |
| 90 | Taulabe | Pv | SHC | 14 | 41 | 25 | 87 | 57 | 59 | 580 | 2660-III |
| 91 | Manguilite | Pv | ENEE | 15 | 2 | 11 | 86 | 49 | 9 | 610 | 2861-III |
| 92 | S. Andres Minas | Pv | ENEE | 14 | 45 | 46 | 88 | 56 | 28 | 1084 | 2460-III |
| 93 | San Nicolas | Pv | SHC | 14 | 42 | 51 | 87 | 20 | 30 | 600 | 2760-III |
| 94 | Lepaera | Pv | ENEE | 14 | 46 | 48 | 88 | 35 | 24 | 930 | 2460-II |
| 95 | Nacaome | Hmo | SHC | 13 | 31 | 32 | 87 | 29 | 55 | 35 | 2756-IV |
| 96 | Sabanagrande | Pv | SMN | 13 | 48 | 2 | 87 | 15 | 20 | 960 | 2757-III |
| 97 | Marcovia | Pv | SHC | 13 | 17 | 14 | 87 | 18 | 46 | 10 | 2755-IV |
| 98 | Pespire | Hmo | SHC | 13 | 35 | 40 | 87 | 21 | 55 | 60 | 2756-IV |
| 99 | Langue | Pv | SHC | 13 | 37 | 8 | 87 | 39 | 28 | 130 | 2656-I |
| 100 | San Fco de Coray Valle | Pv | SHC | 13 | 39 | 32 | 87 | 31 | 45 | 155 | 2656-I |
| 101 | San Isidro | Pv | SHC | 13 | 38 | 22 | 87 | 17 | 28 | 325 | 2756-IV |
| 102 | Alianza Valle | Pv | SHC | 13 | 30 | 35 | 87 | 43 | 25 | 25 | 2656-I |
| 103 | Goascoran | Pv | SHC | 13 | 36 | 30 | 87 | 45 | 15 | 50 | 2656-IV |
| 104 | Choluteca | S | SMN | 13 | 18 | | 87 | 11 | 30 | 48 | 2755-I |
| 105 | Amabaia | S | SMN | 13 | 16 | 58 | 87 | 38 | 20 | 5 | 2756-IV |
| 106 | Eranique | Pv | SHC | 14 | 13 | 56 | 88 | 28 | 0 | 1150 | 2556-IV |

station

| | | | | | | | | | | | |
|-----|------------------|------|-------|----|----|----|----|----|----|------|----------|
| 107 | Yuguare | Pv | SHC | 13 | 18 | 12 | 87 | 6 | 32 | 50 | 2755-II |
| 108 | San Juan Guarita | Pv | SHC | 14 | 10 | 32 | 88 | 49 | 35 | 960 | 2458-IV |
| 109 | Cololaca | Pv | SHC | 14 | 18 | 20 | 88 | 52 | 55 | 730 | 2458-IV |
| 110 | Reitoca | Pv | EN/SH | 13 | 49 | 25 | 87 | 27 | 55 | 300 | 2757-III |
| 111 | La Virtud | Pv | SHC | 14 | 3 | 27 | 88 | 41 | 42 | 280 | 2458-II |
| 112 | Valladolid | Pv | SHC | 14 | 9 | 5 | 88 | 44 | 5 | 1240 | 2458-II |
| 113 | Caridad Valle | Pv | SHC | 13 | 49 | 42 | 87 | 41 | 35 | 130 | 2757-II |
| 114 | Tapaloca | Pv | SHC | 13 | 29 | 5 | 87 | 18 | 35 | 160 | 2756-III |
| 115 | Gualcince | Pv | SHC | 14 | 7 | 38 | 88 | 32 | 38 | 1320 | 2458-II |
| 116 | Namasigue | Pv | SHC | 13 | 12 | 18 | 87 | 8 | 10 | 40 | 2755-II |
| 117 | S.Bernardo | Hmp | SHC | 13 | 5 | 35 | 87 | 8 | 10 | 10 | 2755-II |
| 118 | La Esperanza | Pv | ENEE | 14 | 16 | 23 | 88 | 10 | 51 | 1630 | 2558-I |
| 119 | El Guayabo | Pv | SHC | 13 | 29 | 50 | 87 | 26 | 41 | 25 | 2756-III |
| 120 | El Aguacate | Pv | SANAA | 14 | 0 | 37 | 87 | 10 | 30 | 1030 | 2758-II |
| 121 | Las Animas | Pv | ENEE | 14 | 12 | 20 | 86 | 36 | 23 | 600 | 2858-I |
| 122 | Coyoles Yoro | Tp | SMN | 15 | 29 | | 86 | 41 | | 305 | 2862-II |
| 123 | Jocon | Pv | ENEE | 15 | 17 | 27 | 86 | 54 | 44 | 1008 | 2861-IV |
| 124 | Olanchito | Himo | SHC | 15 | 29 | 0 | 86 | 33 | 52 | 150 | 2862-III |
| 125 | Quimistan | Himo | SHC | 15 | 20 | 34 | 88 | 24 | 25 | 190 | 2562-III |
| 126 | La Mesa Cortes | S | SMN | 15 | 26 | 20 | 87 | 53 | 50 | 31 | 2662-III |
| 127 | Charnuscado | Pv | SHC | 15 | 13 | 49 | 87 | 14 | 7 | 615 | 2761-I |
| 128 | Plan de Conejo | Tpv | SHC | 14 | 57 | 6 | 86 | 50 | 42 | 870 | 2860-IV |
| 129 | La Colorada | Pv | ENEE | 15 | 38 | 18 | 86 | 44 | 21 | 500 | 2862-I |
| 130 | Guanaja | S | SMN | 16 | 26 | 55 | 85 | 53 | 54 | 5 | 3065-III |
| 131 | La Union. Atl. | Pv | SHC | 15 | 42 | 55 | 86 | 58 | 48 | 10 | 2863-II |
| 132 | Esparta | Pv | SHC | 15 | 44 | 45 | 87 | 10 | 31 | 5 | 2763-II |
| 133 | Las Mangas A. | Tpv | SHC | 13 | 33 | 35 | 86 | 3 | 40 | 180 | |
| 134 | Llano EL V. | Himo | ENEE | 15 | 49 | 55 | 85 | 14 | 2 | 115 | 3163-II |
| 135 | Sinabe C. | Hmp | SHC | 15 | 41 | 37 | 85 | 57 | 11 | 20 | |
| 136 | Pto Castilla | Hmp | SHC | 16 | 1 | 0 | 86 | 1 | 0 | 3 | |
| 137 | Melcher | Pv | TARC | 15 | 43 | | 87 | 46 | | 8 | 2663-III |
| 138 | Naranja Chino | Tp | TARC | 15 | 27 | | 87 | 50 | | 23 | 2662-III |
| 139 | Tibombo | Tp | TARC | 15 | 33 | | 87 | 48 | | 16 | 2662-IV |
| 140 | Pavon | Pv | TARC | 15 | 36 | | 87 | 45 | | 15 | 2662-IV |
| 141 | Monterrey | Tp | TARC | 15 | 30 | | 87 | 48 | | 20 | 2662-I |
| 142 | Payili Farm | Pv | TARC | 15 | 35 | | 87 | 45 | | 12 | 2662-IV |

station

| | | | | | | | | | |
|-----|------------------------|-----|------|----|----|----|----|-----|----------|
| 143 | Paomas C. | Tp | TRRC | 15 | 39 | 87 | 46 | 20 | 2662-IV |
| 144 | Campin | Pv | TRRC | 15 | 21 | 87 | 52 | 39 | 2662-III |
| 145 | Calan | Pv | TRRC | 15 | 42 | 87 | 49 | 10 | 2663-II |
| 146 | Laurel | Tp | TRRC | 15 | 31 | 87 | 50 | 18 | 2662-IV |
| 147 | Lupo | Pv | TRRC | 14 | 32 | 87 | 53 | 15 | 2662-IV |
| 148 | Mopala | Tp | TRRC | 15 | 26 | 87 | 51 | 25 | 2662-III |
| 149 | Montevista | Pv | TRRC | 14 | 24 | 87 | 50 | 27 | 2662-III |
| 150 | Perdiz | Pv | TRRC | 15 | 35 | 87 | 44 | 13 | 2662-I |
| 151 | La Ceiba | Hmo | SFCO | 15 | 44 | 86 | 51 | 5 | 2863-II |
| 152 | S. Francisco Atlantida | Hmo | SHC | 15 | 40 | 52 | 87 | 1 | 2863-II |
| 153 | Tela | S | SMN | 15 | 42 | 40 | 87 | 29 | 2763-III |
| 154 | Goloso | S | SMN | 15 | 47 | 86 | 51 | 26 | 2863-II |
| 155 | Lancelilla | Pv | TRRC | 15 | 42 | 87 | 28 | 10 | 2663-II |
| 156 | Piedras Negras | Hmo | ENEE | 15 | 40 | 42 | 87 | 42 | 2863-II |
| 157 | Morazan | Hmo | SHC | 15 | 19 | 19 | 87 | 35 | 2661-I |
| 158 | Macuelizo | Hmo | SHC | 15 | 18 | 40 | 88 | 32 | 2461-I |
| 159 | La Entrada | Hmo | SHC | 15 | 4 | 55 | 88 | 44 | 2461-II |
| 160 | El Ciruelo | Pv | SHC | 15 | 17 | 58 | 88 | 30 | 2461-I |
| 161 | Santa Rita | Hmo | ENEE | 15 | 11 | 41 | 87 | 52 | 2661-III |
| 162 | Chumbagua | Hmo | SHC | 15 | 16 | 10 | 88 | 29 | 2561-IV |
| 163 | La Libertad C. | Pv | SHC | 15 | 12 | 0 | 88 | 37 | 2461-I |
| 164 | Pie Pimienta | Pv | TRRC | 15 | 16 | 87 | 58 | 60 | 2661-IV |
| 165 | S. Pedro Sula | Tp | SMN | 15 | 28 | 88 | 1 | 76 | |
| 166 | Florida Copan | Pv | SHC | 15 | 21 | 86 | 50 | 480 | 2461-III |
| 167 | Jutiapa Atlantida | Pv | TRRC | 15 | 47 | 86 | 34 | | 2863-II |
| 168 | Finca 17 | Pv | SFCO | 15 | 15 | 87 | 53 | 40 | |
| 169 | San Juan | Tp | SFCO | 15 | 25 | 87 | 56 | 28 | |
| 170 | Barranco | Pv | SFCO | 15 | 7 | 87 | 55 | 42 | |
| 171 | Bianco | Tp | SFCO | 15 | 2 | 87 | 57 | 35 | |
| 172 | Oliva | Tp | SFCO | 15 | 5 | 87 | 55 | 39 | |
| 173 | Palos Blancos | Pv | TRRC | 15 | 34 | 87 | 47 | 15 | |
| 174 | Guanumas 3 | Pv | TRRC | 15 | 22 | 87 | 59 | 36 | |
| 175 | Subirana | Pv | SHC | 15 | 12 | 87 | 26 | 50 | 870 |
| 176 | Ei Nance | Pv | SHC | 14 | 46 | 35 | 86 | 10 | 430 |
| 177 | La E.N.A | Hmo | SHC | 14 | 50 | 85 | 49 | 30 | 500 |
| 178 | Piedra Blanca | Pv | SHC | 15 | 20 | 12 | 86 | 42 | 480 |

station

| | | | | | | | | | | | |
|-----|---------------------|-----|------|----|----|----|----|----|----|------|----------|
| 179 | Agua Caliente | Pv | SHC | 15 | 25 | 18 | 87 | 3 | 29 | 390 | |
| 180 | El Encinal | Pv | SHC | 14 | 20 | 50 | 86 | 53 | 32 | 1040 | 2859-III |
| 181 | Las Limas | Hmo | SHC | 15 | 6 | 6 | 85 | 47 | 48 | 500 | 3061-III |
| 182 | La Soledad | Pv | ENEE | 15 | 23 | 4 | 85 | 46 | 12 | 340 | 3062-III |
| 183 | San Lorenzo | Pv | ENEE | 15 | 25 | 31 | 86 | 57 | 21 | 340 | 2862-III |
| 184 | Gualaco | Hmo | ENEE | 15 | 2 | 30 | 86 | 3 | 0 | 680 | 3061-III |
| 185 | San Esteban | Hmo | ENEE | 15 | 10 | | 85 | 45 | | 610 | 3061-III |
| 186 | S. Juan Pueblo | Pv | SHC | 15 | 35 | 52 | 87 | 12 | 40 | 50 | 2762-I |
| 187 | Zapotal del N. | Pv | TRRC | 15 | 42 | | 87 | 48 | | 6 | 2663-I |
| 188 | Guayabillas O. | Hmo | SHC | 14 | 35 | 8 | 86 | 17 | 30 | 420 | 2959-IV |
| 189 | Campamento O. | Hmo | SHC | 14 | 33 | 18 | 86 | 40 | 7 | 700 | 2859-I |
| 190 | Hac. Sta Clara | Hmo | SHC | 14 | 26 | 38 | 87 | 17 | 0 | 740 | 2759-III |
| 191 | San isidro | Pv | ENEE | 14 | 17 | 18 | 86 | 41 | 45 | 1220 | 2858-I |
| 192 | La Venta Sico | Pv | ENEE | 15 | 4 | 50 | 85 | 52 | 31 | 530 | 3061-III |
| 193 | Saguay | Pv | ENEE | 15 | 6 | 51 | 85 | 3 | 6 | 630 | 2961-II |
| 194 | Hac. Las Cañadas | Pv | SMN | 14 | 9 | 0 | 87 | 3 | | 1325 | |
| 195 | Sta Maria del Car. | Hmo | ENEE | 15 | 26 | 44 | 86 | 34 | 40 | 460 | 3062-II |
| 196 | Texiguai | Pv | SHC | 13 | 38 | 45 | 87 | 1 | 15 | 340 | 2756-I |
| 197 | S. Marcos de C. | Pv | SHC | 13 | 26 | 15 | 86 | 48 | 5 | 960 | 2856-III |
| 198 | Los Encuentros | Hmo | SHC | 13 | 28 | 8 | 87 | 5 | 25 | 95 | 2756-II |
| 199 | Liure | Pv | SHC | 13 | 31 | 54 | 87 | 5 | 13 | 230 | 2756-I |
| 200 | S. Lorenzo Valle | Pv | SHC | 13 | 25 | 25 | 87 | 26 | 25 | 8 | 2756-IV |
| 201 | La Libertad F.M. | Pv | SHC | 13 | 42 | 55 | 87 | 30 | 23 | 330 | 12656-II |
| 202 | El Triunfo Chol. | Pv | SHC | 13 | 7 | 0 | 86 | 59 | 25 | 100 | 2855-III |
| 203 | El Corpus Choluteca | Pv | SHC | 13 | 17 | 19 | 87 | 1 | 55 | 440 | 2755-I |
| 204 | Corralitos E.P | Hmo | ENEE | 14 | 18 | 11 | 86 | 30 | 4 | 510 | 2859-I |
| 205 | Yure | Hmo | ENEE | 14 | 58 | 34 | 87 | 44 | 23 | 300 | 2660-IV |
| 206 | Pedernales | Pv | ENEE | 14 | 46 | 46 | 88 | 0 | 45 | 660 | 2560-II |
| 207 | Sta Elena | Hmo | ENEE | 14 | 53 | 34 | 87 | 55 | 15 | 765 | 2660-IV |
| 208 | Sta Fe Tegus | Pv | ENEE | 15 | 19 | 35 | 87 | 32 | 50 | 1240 | 2661-II |
| 209 | S. Fco. de Becerra | Pv | ENEE | 14 | 38 | 43 | 86 | 6 | 6 | 380 | 2959-I |
| 210 | La Conce | Hmp | SHC | 14 | 38 | 48 | 86 | 11 | 34 | 350 | 2959-I |
| 211 | Sta Maria de E.P | Pv | ENEE | 14 | 8 | 48 | 86 | 13 | 57 | 460 | 2958-II |
| 212 | Punvare | Hmp | SHC | 14 | 44 | 25 | 85 | 58 | 26 | 335 | 3060-III |
| 213 | Rio Timio | Pv | ENEE | 14 | 55 | 25 | 85 | 41 | 13 | 380 | 3060-I |
| 214 | Cavetana | Hmo | ENEE | 14 | 27 | 48 | 86 | 1 | 0 | 299 | 2955-II |

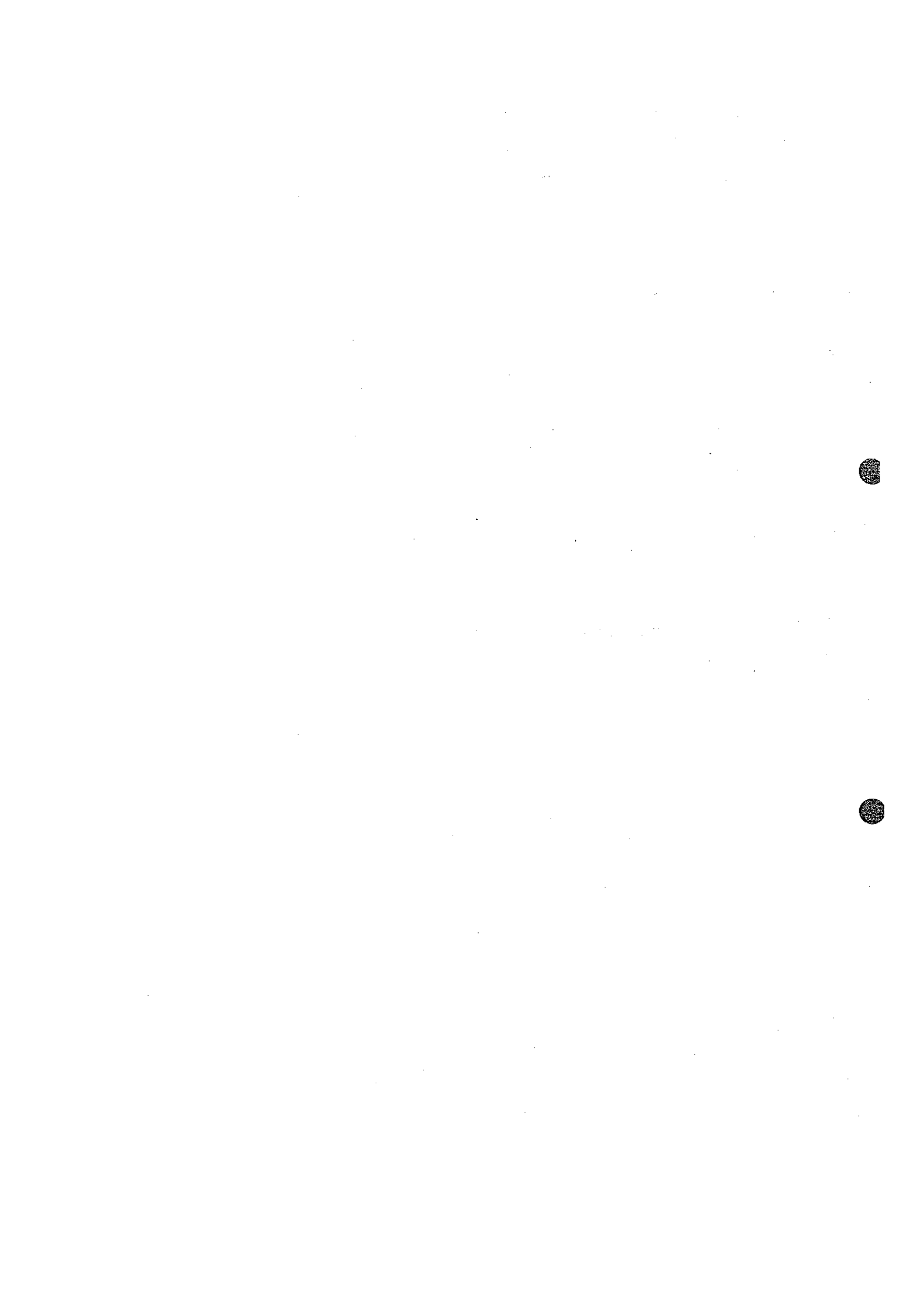
station

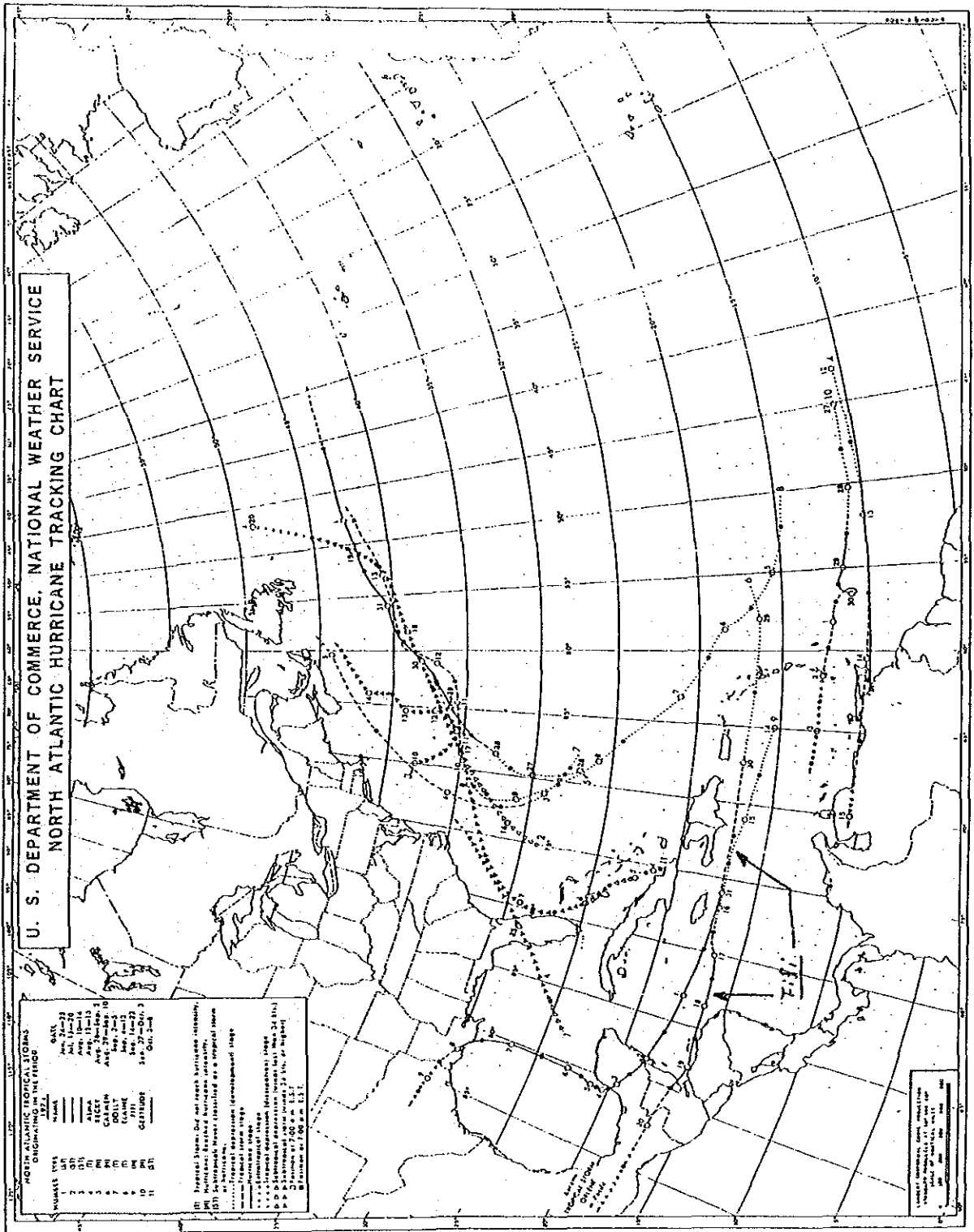
| | | | | | | | | | | | |
|-----|-----------------|------|------|----|----|----|----|----|----|-----|----------|
| 215 | Azacualpa | Pv | ENEE | 14 | 26 | 08 | 86 | 6 | 35 | 480 | 2959-II |
| 216 | Guaymas Cebu | Pv | TRRC | 15 | 28 | | 87 | 44 | | 10 | 2662-IV |
| 217 | Yocon | Pv | ENEE | 15 | 58 | 30 | 86 | 42 | 45 | 100 | 2860-I |
| 218 | EL Guineo | Pv | ENEE | 14 | 21 | 5 | 85 | 51 | 35 | 260 | 3059-III |
| 219 | Cañaverai | Pv | ENEE | 14 | 59 | 6 | 88 | 1 | 27 | 500 | 2560-I |
| 220 | El Jaral | Hmo | ENEE | 14 | 56 | 15 | 88 | 0 | 17 | 650 | 2560-I |
| 221 | Pito Solo | Pv | ENEE | 14 | 47 | 34 | 87 | 58 | 47 | 710 | 2660-III |
| 222 | LLano | Tp | TRRC | 15 | 7 | | 87 | 51 | | 44 | 2661-III |
| 223 | Amapa C. | Pv | SMN | 14 | 53 | | 88 | 1 | | 500 | |
| 224 | Malacaton | Pv | SHC | 15 | 23 | 49 | 87 | 14 | 52 | 900 | 2762-II |
| 225 | Juticapa O. | Pv | SMN | 14 | 42 | | 86 | 15 | | 600 | 2960-II |
| 226 | Peña Blanca | Pv | SMN | 14 | 56 | | 88 | 3 | | 487 | 2560-I |
| 227 | Esquip. del N. | TPv | SHC | 15 | 19 | 16 | 86 | 33 | 13 | 360 | |
| 228 | LA Juncuya | TPvg | SHC | 14 | 49 | | 86 | 16 | 0 | 670 | |
| 229 | Hac. el Sauce | Pv | SMN | 14 | 51 | | 88 | 5 | | 633 | 2560-I |
| 230 | Corozal | Tp | TRRC | 15 | 25 | | 87 | 52 | | 27 | 2662-III |
| 231 | EL Caion | Hmo | ENEE | 15 | 2 | 46 | 87 | 45 | 31 | 330 | 2661-II |
| 232 | Pueblo Viejo | Pv | ENEE | 15 | 7 | 18 | 85 | 30 | 41 | 650 | 3061-II |
| 233 | Las Trojes | Hmo | SHC | 14 | 3 | 0 | 85 | 59 | 0 | 708 | 3058-III |
| 234 | Melia | Pv | SHC | 15 | 7 | 50 | 86 | 52 | 27 | 560 | |
| 235 | EL Ocotal | Pv | ENEE | 15 | 21 | 48 | 87 | 19 | 36 | 710 | 2762-III |
| 236 | Potreros E.P. | Pv | SHC | 14 | 0 | 4 | 86 | 45 | 45 | 750 | 2858-II |
| 237 | San Antonio | Pv | ENEE | 14 | 49 | 35 | 86 | 18 | 38 | 440 | 2960-III |
| 238 | La Lima Camp | Pv | SHC | 14 | 33 | 22 | 86 | 35 | 49 | 540 | 2859-I |
| 239 | LA Venta F.M | Hmo | SHC | 14 | 18 | 32 | 87 | 10 | 15 | 890 | 2758-I |
| 240 | Rio Abajo | Pv | ENEE | 14 | 26 | 30 | 86 | 48 | 42 | 750 | 2859-III |
| 241 | San Ignacio | Pv | ENEE | 14 | 39 | 23 | 87 | 2 | 26 | 700 | 2759-I |
| 242 | Manto Ciancho | Pv | ENEE | 14 | 55 | 8 | 86 | 22 | 23 | 620 | 2960-IV |
| 243 | Guamaca | Pv | ENEE | 14 | 32 | 35 | 86 | 49 | 29 | 800 | 2859-IV |
| 244 | Concordia | Pv | ENEE | 14 | 38 | 8 | 86 | 40 | 43 | 640 | 2859-I |
| 245 | Las Mangas | Pv | ENEE | 15 | 42 | 17 | 86 | 43 | 24 | 140 | 2863-II |
| 246 | Toncontin. ATL. | Pv | ENEE | 15 | 38 | 19 | 86 | 39 | 14 | 340 | 2862-I |
| 247 | Corocito | Pv | SHC | 15 | 46 | 47 | 85 | 47 | 37 | 12 | |
| 248 | La Esperanza C. | Pv | SHC | 15 | 38 | 22 | 85 | 43 | 22 | 100 | |
| 249 | Sico | Pv | ENEE | 15 | 52 | | 85 | 14 | | 10 | |
| 250 | El Cozo | Pv | SHC | 15 | 44 | 40 | 86 | 3 | 31 | 50 | |

station

| | | | | | | | | | | | |
|-----|----------------|------|------|----|----|----|----|----|----|-----|----------|
| 251 | Sonaguera | Pv | SHC | 15 | 37 | 12 | 86 | 16 | 35 | 90 | |
| 252 | EL Bijao | Pv | ENEE | 14 | 27 | 0 | 86 | 24 | 17 | 540 | 2959-III |
| 253 | EL Junquillo | Pv | ENEE | 14 | 14 | 12 | 86 | 10 | 48 | 355 | 2958-I |
| 254 | Tabacon | Pv | ENEE | 14 | 56 | 58 | 85 | 2 | 52 | 100 | 3160-I |
| 255 | Khurpa | Hmo | ENEE | 15 | 6 | 37 | 84 | 42 | 37 | 65 | 3261-II |
| 256 | Las Mesetas | Pv | ENEE | 14 | 40 | 36 | 85 | 53 | 42 | 350 | 3060-III |
| 257 | Sico Yoro | Tpv | SHC | 15 | 26 | 36 | 86 | 25 | 15 | 140 | |
| 258 | Limones | Ip | TRRC | 15 | 30 | | 87 | 50 | | 20 | 2662-IV |
| 259 | Isletas Colon | Pv | SMN | 15 | 36 | 6 | 86 | 10 | 30 | 650 | 2962-I |
| 260 | Tacamiche | Ip | TRRC | 15 | 17 | | 87 | 55 | | 24 | 2661-IV |
| 261 | Ceibita | Pv | TRRC | 15 | 17 | | 87 | 50 | | 20 | 2661-IV |
| 262 | Cabb Farm | Pv | TRRC | 15 | 26 | | 87 | 52 | | 10 | 2662-III |
| 263 | Caimito | Pv | TRRC | 15 | 29 | | 87 | 50 | | 20 | 2662-III |
| 264 | Tapiquet | Tpgr | SHC | 15 | 28 | 30 | 86 | 1 | | 440 | 2962-II |
| 265 | Col. Fesitranh | Pv | SMN | | | | | | | 60 | 2562-II |
| 266 | | | | | | | | | | | |
| 267 | | | | | | | | | | | |

3. Route of the Hurricane Fifi





U. S. DEPARTMENT OF COMMERCE, NATIONAL WEATHER SERVICE
NORTH ATLANTIC HURRICANE TRACKING CHART

NORTH ATLANTIC TROPICAL STORMS ORIGINATING IN THE REGION

| STORMS | SYMBOL | DATE |
|--------|--------|------|
| 1 | — | 1854 |
| 2 | — | 1855 |
| 3 | — | 1856 |
| 4 | — | 1857 |
| 5 | — | 1858 |
| 6 | — | 1859 |
| 7 | — | 1860 |
| 8 | — | 1861 |
| 9 | — | 1862 |
| 10 | — | 1863 |
| 11 | — | 1864 |

(1) Tropical Storm. Did not reach hurricane intensity.
 (2) Hurricane. Reached hurricane intensity.
 (3) Hurricane. Never classified as a tropical storm.
 (4) Tropical depression (development stage).
 (5) Tropical storm.
 (6) Tropical storm (intermediate stage).
 (7) Hurricane (intermediate stage).
 (8) Hurricane (intermediate stage).
 (9) Hurricane (intermediate stage).
 (10) Hurricane (intermediate stage).
 (11) Hurricane (intermediate stage).

4. **Simulated Flood discharge by Unit Hydrograph Method
(Rio Choloma F/S)**



Flood Hydrograph of the Rio Choloma

| 2-year Flood RC-1 | i | ii | RC-2 |
|----------------------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.1 |
| 0.1 | 0.1 | 0.1 | 0.1 |
| 0.2 | 0.2 | 0.2 | 0.2 |
| 0.3 | 0.3 | 0.3 | 0.3 |
| 0.5 | 0.4 | 0.4 | 0.4 |
| 0.7 | 0.6 | 0.6 | 0.5 |
| 0.9 | 0.8 | 0.7 | 0.7 |
| 1.1 | 1.0 | 1.0 | 0.9 |
| 1.5 | 1.3 | 1.2 | 1.1 |
| 1.8 | 1.7 | 1.6 | 1.4 |
| 2.3 | 2.1 | 1.9 | 1.7 |
| 2.9 | 2.6 | 2.4 | 2.2 |
| 3.6 | 3.2 | 3.0 | 2.7 |
| 4.5 | 4.0 | 3.7 | 3.3 |
| 5.5 | 5.0 | 4.7 | 4.2 |
| 7.0 | 6.3 | 5.9 | 5.2 |
| 8.8 | 8.0 | 7.4 | 6.6 |
| 11.4 | 10.4 | 9.6 | 8.6 |
| 15.2 | 13.8 | 12.9 | 11.5 |
| 21.5 | 19.6 | 18.3 | 16.3 |
| 51.3 | 47.0 | 44.4 | 40.1 |
| 141.5 | 130.4 | 124.1 | 112.7 |
| 97.8 | 88.2 | 81.1 | 71.7 |
| 67.9 | 59.9 | 53.3 | 46.0 |
| 47.6 | 41.1 | 36.4 | 31.3 |
| 36.3 | 31.5 | 27.3 | 23.1 |
| 28.4 | 24.2 | 20.6 | 17.1 |
| 22.2 | 18.7 | 15.5 | 12.7 |
| 17.4 | 14.5 | 11.8 | 9.8 |
| 13.7 | 11.5 | 9.5 | 7.8 |
| 11.3 | 9.4 | 7.7 | 6.2 |
| 9.4 | 7.7 | 6.2 | 4.9 |
| 7.8 | 6.3 | 5.0 | 3.9 |
| 6.5 | 5.2 | 4.0 | 3.1 |
| 5.4 | 4.3 | 3.2 | 2.5 |
| 4.4 | 3.5 | 2.6 | 2.0 |
| 3.7 | 2.8 | 2.1 | 1.6 |
| 3.0 | 2.3 | 1.7 | 1.2 |
| 2.5 | 1.9 | 1.3 | 1.0 |
| 2.1 | 1.5 | 1.1 | 0.8 |
| 1.7 | 1.2 | 0.9 | 0.6 |
| 1.4 | 1.0 | 0.7 | 0.5 |
| 1.1 | 0.8 | 0.5 | 0.4 |
| 0.8 | 0.6 | 0.4 | 0.3 |
| 0.0 | 0.0 | 0.0 | 0.0 |

| 5-year Flood RC-1 | i | ii | RC-2 |
|----------------------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.1 |
| 0.2 | 0.2 | 0.2 | 0.2 |
| 0.4 | 0.4 | 0.4 | 0.3 |
| 0.7 | 0.6 | 0.6 | 0.5 |
| 1.0 | 0.9 | 0.9 | 0.8 |
| 1.5 | 1.4 | 1.3 | 1.1 |
| 2.0 | 1.9 | 1.7 | 1.6 |
| 2.7 | 2.5 | 2.3 | 2.1 |
| 3.5 | 3.2 | 3.0 | 2.7 |
| 4.6 | 4.1 | 3.9 | 3.4 |
| 5.8 | 5.2 | 4.9 | 4.4 |
| 7.2 | 6.6 | 6.1 | 5.5 |
| 9.1 | 8.2 | 7.6 | 6.8 |
| 11.3 | 10.2 | 9.5 | 8.5 |
| 14.1 | 12.7 | 11.8 | 10.5 |
| 17.6 | 15.9 | 14.8 | 13.2 |
| 22.1 | 20.1 | 18.6 | 16.6 |
| 28.3 | 25.6 | 23.8 | 21.2 |
| 36.8 | 33.4 | 31.1 | 27.7 |
| 49.7 | 45.1 | 42.0 | 37.6 |
| 71.8 | 65.3 | 61.0 | 54.7 |
| 155.7 | 142.6 | 134.6 | 121.4 |
| 378.0 | 348.0 | 330.4 | 299.5 |
| 261.6 | 235.4 | 216.1 | 190.9 |
| 182.0 | 160.2 | 142.6 | 122.9 |
| 128.2 | 110.7 | 97.7 | 83.9 |
| 97.9 | 84.8 | 73.5 | 62.0 |
| 76.5 | 65.3 | 55.3 | 46.0 |
| 59.9 | 50.4 | 41.8 | 34.3 |
| 47.0 | 39.1 | 31.9 | 26.3 |
| 37.2 | 31.1 | 25.7 | 20.9 |
| 30.8 | 25.5 | 20.7 | 16.6 |
| 25.5 | 20.9 | 16.7 | 13.2 |
| 21.2 | 17.1 | 13.5 | 10.5 |
| 17.5 | 14.1 | 10.8 | 8.4 |
| 14.5 | 11.5 | 8.7 | 6.6 |
| 12.0 | 9.4 | 7.0 | 5.3 |
| 9.9 | 7.7 | 5.6 | 4.2 |
| 8.2 | 6.3 | 4.5 | 3.3 |
| 6.8 | 5.1 | 3.6 | 2.6 |
| 5.6 | 4.2 | 2.9 | 2.1 |
| 4.5 | 3.4 | 2.3 | 1.6 |
| 3.6 | 2.7 | 1.8 | 1.2 |
| 2.8 | 2.1 | 1.4 | 0.9 |
| 2.1 | 1.5 | 1.0 | 0.7 |
| 0.0 | 0.0 | 0.0 | 0.0 |

| 10-year Flood RC-1 | i | ii | RC-2 |
|-----------------------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.2 | 0.1 | 0.1 | 0.1 |
| 0.4 | 0.4 | 0.3 | 0.3 |
| 0.7 | 0.7 | 0.6 | 0.6 |
| 1.2 | 1.1 | 1.0 | 0.9 |
| 1.8 | 1.7 | 1.6 | 1.4 |
| 2.6 | 2.4 | 2.2 | 2.0 |
| 3.6 | 3.3 | 3.1 | 2.7 |
| 4.8 | 4.4 | 4.1 | 3.6 |
| 6.3 | 5.7 | 5.3 | 4.7 |
| 8.0 | 7.3 | 6.8 | 6.1 |
| 10.2 | 9.2 | 8.6 | 7.7 |
| 12.8 | 11.6 | 10.8 | 9.6 |
| 16.0 | 14.5 | 13.5 | 12.0 |
| 19.9 | 18.1 | 16.8 | 15.0 |
| 24.9 | 22.5 | 20.9 | 18.7 |
| 31.1 | 28.2 | 26.2 | 23.3 |
| 39.3 | 35.6 | 33.0 | 29.5 |
| 50.2 | 45.5 | 42.2 | 37.7 |
| 65.5 | 59.4 | 55.2 | 49.3 |
| 88.7 | 80.5 | 75.0 | 67.1 |
| 129.2 | 117.6 | 109.9 | 98.4 |
| 254.1 | 232.5 | 219.0 | 197.4 |
| 523.9 | 485.8 | 459.9 | 416.0 |
| 366.5 | 329.2 | 301.4 | 265.7 |
| 255.8 | 224.8 | 199.8 | 172.1 |
| 181.4 | 156.5 | 137.8 | 118.2 |
| 138.8 | 120.0 | 103.7 | 87.4 |
| 108.6 | 92.5 | 78.2 | 64.9 |
| 85.1 | 71.5 | 59.2 | 48.5 |
| 66.9 | 55.6 | 45.4 | 37.4 |
| 53.1 | 44.4 | 36.6 | 29.7 |
| 43.9 | 36.4 | 29.5 | 23.6 |
| 36.4 | 29.8 | 23.7 | 18.8 |
| 30.2 | 24.4 | 19.1 | 14.9 |
| 25.0 | 20.0 | 15.4 | 11.9 |
| 20.7 | 16.4 | 12.4 | 9.4 |
| 17.2 | 13.4 | 10.0 | 7.5 |
| 14.2 | 11.0 | 8.0 | 5.9 |
| 11.7 | 8.9 | 6.4 | 4.7 |
| 9.6 | 7.3 | 5.1 | 3.7 |
| 7.9 | 5.9 | 4.1 | 2.9 |
| 6.4 | 4.7 | 3.2 | 2.3 |
| 5.1 | 3.7 | 2.5 | 1.7 |
| 3.9 | 2.8 | 1.9 | 1.3 |
| 2.7 | 1.9 | 1.3 | 0.9 |
| 0.0 | 0.0 | 0.0 | 0.0 |

| 30-year Flood RC-1 | i | ii | RC-2 |
|-----------------------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.1 |
| 0.3 | 0.3 | 0.3 | 0.2 |
| 0.7 | 0.7 | 0.6 | 0.6 |
| 1.4 | 1.3 | 1.2 | 1.1 |
| 2.3 | 2.1 | 2.0 | 1.8 |
| 3.5 | 3.2 | 3.0 | 2.7 |
| 5.0 | 4.6 | 4.3 | 3.9 |
| 6.9 | 6.3 | 5.9 | 5.3 |
| 9.2 | 8.4 | 7.8 | 7.0 |
| 12.1 | 11.0 | 10.2 | 9.1 |
| 15.5 | 14.1 | 13.1 | 11.7 |
| 19.6 | 17.8 | 16.6 | 14.8 |
| 24.7 | 22.4 | 20.8 | 18.6 |
| 30.9 | 28.0 | 26.0 | 23.2 |
| 38.5 | 34.9 | 32.4 | 28.9 |
| 48.1 | 43.5 | 40.4 | 36.1 |
| 60.2 | 54.5 | 50.6 | 45.2 |
| 76.0 | 68.9 | 64.0 | 57.1 |
| 97.3 | 88.2 | 82.0 | 73.2 |
| 127.8 | 115.9 | 107.8 | 96.3 |
| 174.0 | 158.0 | 147.3 | 131.7 |
| 238.4 | 216.6 | 202.1 | 180.9 |
| 390.3 | 356.0 | 333.8 | 299.8 |
| 711.2 | 651.3 | 614.1 | 553.9 |
| 494.5 | 442.9 | 404.2 | 355.5 |
| 347.0 | 304.4 | 269.8 | 232.1 |
| 248.1 | 213.8 | 187.6 | 160.5 |
| 190.4 | 164.2 | 141.3 | 118.9 |
| 149.1 | 126.8 | 106.8 | 88.5 |
| 117.1 | 98.3 | 81.3 | 66.5 |
| 92.4 | 76.8 | 62.6 | 51.4 |
| 73.6 | 61.4 | 50.4 | 40.8 |
| 60.9 | 50.3 | 40.6 | 32.5 |
| 50.5 | 41.3 | 32.7 | 25.8 |
| 41.9 | 33.8 | 26.3 | 20.5 |
| 34.7 | 27.7 | 21.2 | 16.3 |
| 28.7 | 22.7 | 17.1 | 12.9 |
| 23.7 | 18.5 | 13.7 | 10.3 |
| 19.6 | 15.1 | 11.0 | 8.1 |
| 16.1 | 12.3 | 8.8 | 6.4 |
| 13.2 | 10.0 | 7.0 | 5.1 |
| 10.7 | 8.0 | 5.6 | 3.9 |
| 8.6 | 6.4 | 4.4 | 3.1 |
| 6.7 | 4.9 | 3.3 | 2.3 |
| 5.0 | 3.6 | 2.4 | 1.7 |
| 3.4 | 2.4 | 1.6 | 1.1 |
| 0.0 | 0.0 | 0.0 | 0.0 |

| 50-year Flood RC-1 | i | ii | RC-2 |
|-----------------------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.1 |
| 0.4 | 0.4 | 0.3 | 0.3 |
| 0.9 | 0.9 | 0.8 | 0.8 |
| 1.8 | 1.6 | 1.6 | 1.4 |
| 3.0 | 2.7 | 2.6 | 2.3 |
| 4.5 | 4.1 | 3.9 | 3.5 |
| 6.4 | 5.9 | 5.5 | 5.0 |
| 8.9 | 8.1 | 7.6 | 6.8 |
| 11.8 | 10.8 | 10.1 | 9.0 |
| 15.5 | 14.0 | 13.1 | 11.7 |
| 19.9 | 18.0 | 16.8 | 15.0 |
| 25.2 | 22.8 | 21.3 | 19.0 |
| 31.7 | 28.7 | 26.7 | 23.8 |
| 39.6 | 35.9 | 33.4 | 29.8 |
| 49.4 | 44.8 | 41.6 | 37.1 |
| 61.7 | 55.9 | 51.9 | 46.3 |
| 77.3 | 70.0 | 65.1 | 58.0 |
| 97.7 | 88.5 | 82.2 | 73.3 |
| 125.5 | 113.7 | 105.7 | 94.4 |
| 165.2 | 149.9 | 139.5 | 124.6 |
| 215.0 | 195.1 | 181.6 | 162.2 |
| 279.9 | 254.0 | 236.4 | 211.2 |
| 442.4 | 403.0 | 377.2 | 338.4 |
| 787.7 | 720.8 | 678.9 | 611.9 |
| 548.5 | 490.9 | 447.6 | 393.4 |
| 385.6 | 338.0 | 299.3 | 257.3 |
| 276.2 | 237.9 | 208.5 | 178.2 |
| 212.1 | 182.8 | 157.2 | 132.1 |
| 166.2 | 141.2 | 118.9 | 98.4 |
| 130.6 | 109.6 | 90.5 | 74.0 |
| 103.2 | 85.7 | 69.8 | 57.2 |
| 82.3 | 68.6 | 56.2 | 45.5 |
| 68.1 | 56.2 | 45.3 | 36.2 |
| 56.5 | 46.1 | 36.5 | 28.7 |
| 46.8 | 37.7 | 29.4 | 22.8 |
| 38.8 | 30.9 | 23.6 | 18.1 |
| 32.1 | 25.3 | 19.0 | 14.4 |
| 26.5 | 20.7 | 15.3 | 11.4 |
| 21.8 | 16.8 | 12.3 | 9.0 |
| 18.0 | 13.7 | 9.8 | 7.1 |
| 14.7 | 11.1 | 7.8 | 5.6 |
| 11.9 | 8.9 | 6.2 | 4.4 |
| 9.5 | 7.0 | 4.8 | 3.4 |
| 7.4 | 5.4 | 3.6 | 2.5 |
| 5.5 | 4.0 | 2.6 | 1.8 |
| 3.7 | 2.6 | 1.7 | 1.2 |
| 0.0 | 0.0 | 0.0 | 0.0 |

| 100-year Flood | | | |
|----------------|-------|-------|-------|
| RC-1 | i | ii | RC-2 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.1 | 0.1 | 0.1 | 0.1 |
| 0.5 | 0.5 | 0.5 | 0.4 |
| 1.3 | 1.2 | 1.1 | 1.0 |
| 2.4 | 2.2 | 2.1 | 1.9 |
| 4.0 | 3.7 | 3.5 | 3.1 |
| 6.1 | 5.6 | 5.2 | 4.7 |
| 8.7 | 8.0 | 7.5 | 6.7 |
| 12.0 | 10.9 | 10.2 | 9.2 |
| 16.0 | 14.6 | 13.6 | 12.2 |
| 20.9 | 19.0 | 17.7 | 15.9 |
| 26.9 | 24.4 | 22.7 | 20.3 |
| 34.1 | 30.9 | 28.8 | 25.7 |
| 42.9 | 38.9 | 36.1 | 32.3 |
| 53.6 | 48.6 | 45.2 | 40.3 |
| 66.9 | 60.6 | 56.3 | 50.3 |
| 83.6 | 75.7 | 70.3 | 62.7 |
| 104.8 | 94.9 | 88.1 | 78.6 |
| 132.9 | 120.4 | 111.9 | 99.8 |
| 171.2 | 155.2 | 144.3 | 128.8 |
| 213.2 | 193.2 | 179.4 | 160.1 |
| 261.9 | 237.1 | 220.0 | 196.2 |
| 330.4 | 299.2 | 277.8 | 247.8 |
| 509.1 | 463.2 | 432.8 | 387.9 |
| 888.3 | 812.2 | 764.1 | 688.1 |
| 619.3 | 553.9 | 504.4 | 443.0 |
| 436.1 | 382.0 | 337.9 | 290.3 |
| 312.9 | 269.4 | 235.8 | 201.4 |
| 240.5 | 207.2 | 177.9 | 149.5 |
| 188.6 | 160.2 | 134.8 | 111.5 |
| 148.4 | 124.4 | 102.7 | 83.9 |
| 117.4 | 97.4 | 79.2 | 64.9 |
| 93.7 | 78.0 | 63.8 | 51.6 |
| 77.5 | 63.9 | 51.4 | 41.0 |
| 64.3 | 52.4 | 41.4 | 32.6 |
| 53.2 | 42.9 | 33.3 | 25.9 |
| 44.1 | 35.1 | 26.8 | 20.6 |
| 36.4 | 28.7 | 21.6 | 16.3 |
| 30.1 | 23.4 | 17.3 | 12.9 |
| 24.8 | 19.1 | 13.9 | 10.2 |
| 20.3 | 15.5 | 11.1 | 8.1 |
| 16.6 | 12.5 | 8.8 | 6.3 |
| 13.4 | 10.0 | 6.9 | 4.9 |
| 10.6 | 7.8 | 5.4 | 3.8 |
| 8.3 | 6.0 | 4.1 | 2.8 |
| 6.1 | 4.4 | 2.9 | 2.0 |
| 4.1 | 2.9 | 1.9 | 1.3 |
| 0.0 | 0.0 | 0.0 | 0.0 |

5. Non-Uniform Flow Calculation Data



5.1 Coordination of the River Cross Sections



RIO CHOLOMA: EXISTING CONDITIONS (1/4)

河川名: Rio Choloma (現況)

| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | データ年 | 崖頂点数 |
|--------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| ① | ② | | | | | | | ③ | ④ |
| 11.250 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | 12 | 17 | 93 | 23 |
| (X) | -140.000 | -140.000 | -132.500 | -126.000 | -120.000 | -80.000 | -77.000 | -60.000 | -40.000 |
| (X) | -20.000 | -20.000 | -15.500 | -14.000 | -14.000 | 0.000 | 20.000 | 28.600 | 30.000 |
| (X) | 100.000 | 110.000 | 110.000 | 110.000 | 110.000 | 30.000 | 40.000 | 60.000 | 80.000 |
| (Y) | 20.000 | 9.400 | 9.100 | 9.300 | 9.100 | 9.700 | 9.700 | 8.900 | 8.500 |
| (Y) | 8.700 | 8.900 | 8.300 | 8.150 | 7.800 | 7.600 | 9.300 | 9.300 | 9.200 |
| (Y) | 9.000 | 8.950 | 20.000 | 20.000 | | | | | |
| 11.450 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 13 | 19 | 93 | 34 |
| (X) | -140.000 | -140.000 | -120.000 | -100.000 | -80.000 | -60.000 | -56.000 | -52.600 | -49.000 |
| (X) | -40.000 | -20.000 | -15.000 | -8.000 | 0.000 | 6.600 | 12.500 | 20.000 | 22.400 |
| (X) | 32.000 | 37.000 | 40.000 | 42.000 | 47.000 | 52.000 | 55.000 | 60.000 | 74.000 |
| (X) | 98.800 | 100.000 | 110.000 | 110.000 | 110.000 | 55.000 | 60.000 | 74.000 | 90.800 |
| (Y) | 20.000 | 8.300 | 8.300 | 8.300 | 8.300 | 10.000 | 11.300 | 11.200 | 9.700 |
| (Y) | 9.700 | 9.900 | 9.900 | 8.700 | 8.530 | 8.500 | 8.300 | 8.400 | 9.300 |
| (Y) | 9.000 | 10.200 | 9.900 | 9.100 | 8.900 | 11.300 | 11.300 | 9.000 | 8.700 |
| (Y) | 8.900 | 9.500 | 8.800 | 20.000 | | | | | |
| 11.650 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 12 | 20 | 93 | 25 |
| (X) | -140.000 | -140.000 | -120.000 | -80.000 | -60.000 | -44.500 | -40.000 | -36.400 | -29.000 |
| (X) | -20.000 | -19.000 | -17.600 | 0.000 | 4.400 | 5.000 | 10.000 | 14.800 | 16.600 |
| (X) | 40.000 | 60.000 | 80.000 | 110.000 | 110.000 | 10.000 | 14.800 | 16.600 | 18.000 |
| (Y) | 20.000 | 8.900 | 8.900 | 8.900 | 9.000 | 9.100 | 10.700 | 10.500 | 11.900 |
| (Y) | 10.000 | 9.900 | 9.000 | 9.390 | 9.400 | 8.900 | 8.900 | 9.300 | 9.300 |
| (Y) | 10.100 | 9.900 | 9.900 | 9.600 | 20.000 | | | | |
| 11.850 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 14 | 21 | 93 | 30 |
| (X) | -140.000 | -140.000 | -120.000 | -100.000 | -80.000 | -40.000 | -29.600 | -27.600 | -21.600 |
| (X) | -20.000 | -17.000 | -12.000 | -6.600 | -6.000 | -4.000 | -3.600 | 0.000 | 4.000 |
| (X) | 9.000 | 16.000 | 19.000 | 21.000 | 40.000 | 60.000 | 73.000 | 100.000 | 110.000 |
| (Y) | 20.000 | 9.500 | 9.500 | 9.500 | 9.700 | 9.900 | 9.700 | 9.900 | 10.900 |
| (Y) | 11.700 | 12.000 | 10.500 | 10.300 | 9.700 | 9.900 | 9.300 | 9.520 | 9.400 |
| (Y) | 10.300 | 11.000 | 11.300 | 10.500 | 10.700 | 9.600 | 9.700 | 9.800 | 20.000 |
| 12.050 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 14 | 19 | 93 | 27 |
| (X) | -140.000 | -140.000 | -120.000 | -80.000 | -60.000 | -40.000 | -28.000 | -23.400 | -20.000 |
| (X) | -14.000 | -11.400 | -7.600 | -6.000 | 0.000 | 3.600 | 8.000 | 9.600 | 11.000 |
| (X) | 18.000 | 21.000 | 40.000 | 60.000 | 80.000 | 109.231 | 110.000 | | |
| (Y) | 20.000 | 10.050 | 10.200 | 10.500 | 10.700 | 10.800 | 10.700 | 10.700 | 11.500 |
| (Y) | 12.300 | 12.200 | 10.300 | 9.600 | 10.030 | 9.950 | 10.300 | 9.400 | 11.000 |
| (Y) | 11.700 | 10.900 | 10.000 | 9.700 | 10.000 | | | | |

①: Acc. Distance (km)

②: Distance (km)

③: Year of Data

④: Number of Nodal Points

河川名: Rio Choloma (現況)

| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | データ年 | 崖頂点数 |
|--------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| 12.250 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 11 | 17 | 93 | 32 |
| (X) | -120.000 | -120.000 | -100.000 | -80.000 | -60.000 | -40.000 | -27.600 | -22.500 | -19.000 |
| (X) | -10.500 | -8.000 | -7.500 | -4.000 | 0.000 | 5.000 | 7.500 | 9.000 | 10.000 |
| (X) | 16.500 | 17.500 | 19.500 | 20.000 | 30.000 | 40.000 | 60.000 | 80.000 | 100.000 |
| (X) | 130.000 | 130.000 | 130.000 | 130.000 | 130.000 | 130.000 | 130.000 | 130.000 | 130.000 |
| (Y) | 20.000 | 10.800 | 10.700 | 10.900 | 11.200 | 11.200 | 11.100 | 12.300 | 12.350 |
| (Y) | 11.500 | 10.850 | 10.500 | 10.490 | 10.490 | 10.600 | 11.800 | 11.500 | 11.500 |
| (Y) | 12.300 | 12.300 | 11.500 | 11.500 | 10.700 | 10.500 | 10.200 | 9.800 | 9.700 |
| (Y) | 9.450 | 20.000 | | | | | | | |
| 12.450 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 13 | 18 | 93 | 29 |
| (X) | -120.000 | -120.000 | -100.000 | -80.000 | -60.000 | -40.000 | -28.000 | -24.000 | -20.000 |
| (X) | -19.000 | -14.000 | -4.000 | -3.000 | 0.000 | 3.000 | 5.500 | 7.000 | 12.000 |
| (X) | 16.000 | 20.000 | 40.000 | 60.000 | 80.000 | 100.000 | 120.000 | 130.000 | 130.000 |
| (Y) | 20.000 | 12.100 | 11.900 | 11.900 | 12.100 | 11.900 | 11.400 | 11.500 | 13.100 |
| (Y) | 13.000 | 11.600 | 11.300 | 10.090 | 10.090 | 10.300 | 11.000 | 12.100 | 12.400 |
| (Y) | 11.700 | 11.700 | 11.100 | 10.700 | 10.500 | 10.500 | 10.500 | 10.450 | 20.000 |
| 12.650 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 13 | 16 | 93 | 27 |
| (X) | -120.000 | -120.000 | -100.000 | -80.000 | -60.000 | -40.000 | -28.000 | -23.500 | -20.000 |
| (X) | -15.000 | -4.400 | -3.000 | 0.000 | 5.500 | 7.500 | 10.000 | 11.000 | 12.000 |
| (X) | 20.000 | 60.000 | 80.000 | 100.000 | 120.000 | 130.000 | 130.000 | 130.000 | 130.000 |
| (Y) | 20.000 | 11.700 | 11.450 | 11.450 | 12.700 | 12.500 | 12.000 | 13.600 | 13.500 |
| (Y) | 12.600 | 12.600 | 11.600 | 11.510 | 11.500 | 12.700 | 13.300 | 13.000 | 13.100 |
| (Y) | 12.100 | 12.100 | 12.100 | 12.050 | 12.000 | 11.850 | 20.000 | | |
| 12.850 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 22 | 26 | 93 | 34 |
| (X) | -120.000 | -120.000 | -100.000 | -80.000 | -72.000 | -69.000 | -67.000 | -62.500 | -45.000 |
| (X) | -44.000 | -40.000 | -28.500 | -23.500 | -19.000 | -15.500 | -12.000 | -7.000 | -5.000 |
| (X) | 0.000 | 4.000 | 5.000 | 10.000 | 15.400 | 17.000 | 20.000 | 40.000 | 60.000 |
| (X) | 100.000 | 120.000 | 130.000 | 130.000 | 130.000 | 130.000 | 130.000 | 130.000 | 130.000 |
| (Y) | 20.000 | 12.900 | 12.900 | 12.950 | 13.300 | 14.300 | 14.300 | 12.500 | 12.500 |
| (Y) | 12.900 | 13.000 | 12.800 | 14.700 | 14.700 | 13.500 | 13.500 | 12.800 | 12.900 |
| (Y) | 12.560 | 12.500 | 12.100 | 12.000 | 12.100 | 13.300 | 13.100 | 13.000 | 12.900 |
| (Y) | 12.500 | 12.500 | 12.500 | 20.000 | | | | | |
| 13.050 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 12 | 17 | 93 | 31 |
| (X) | -87.000 | -87.000 | -85.000 | -80.000 | -60.000 | -40.000 | -33.600 | -30.500 | -26.000 |
| (X) | -20.000 | -14.000 | -12.000 | -11.400 | 0.000 | 6.000 | 7.000 | 7.600 | 13.200 |
| (X) | 17.500 | 20.000 | 40.000 | 60.000 | 80.000 | 100.000 | 120.000 | 140.000 | 160.000 |
| (X) | 163.000 | 163.000 | 163.000 | 163.000 | 163.000 | 163.000 | 163.000 | 163.000 | 163.000 |
| (Y) | 20.000 | 13.500 | 12.900 | 13.000 | 13.300 | 13.300 | 13.200 | 14.800 | 15.000 |
| (Y) | 14.100 | 13.300 | 12.900 | 12.700 | 12.690 | 12.800 | 13.100 | 13.100 | 14.500 |
| (Y) | 13.600 | 13.800 | 13.700 | 13.600 | 13.700 | 13.300 | 13.300 | 13.300 | 13.300 |
| (Y) | 20.000 | | | | | | | | |

RIO CHOLOMA : EXISTING CONDITION (2/4)

河川名:Rio Choloma (現況)

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 13.250 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 9 | 13 | 93 | 26 |
| (X) | -100.000 | -100.000 | -80.000 | -60.000 | -52.000 | -48.000 | -43.000 | -40.000 | -33.000 | -31.800 |
| (X) | -25.000 | -20.000 | -16.800 | -6.000 | -1.000 | 0.000 | 2.500 | 20.000 | 40.000 | 60.000 |
| (X) | 80.000 | 100.000 | 120.000 | 140.000 | 150.000 | 150.000 | | | | |
| (Y) | 20.800 | 14.700 | 14.350 | 13.700 | 13.950 | 15.400 | 15.350 | 14.400 | 13.950 | 13.050 |
| (Y) | 13.050 | 13.050 | 13.300 | 14.200 | 15.520 | 15.520 | 14.650 | 14.750 | 14.500 | 14.450 |
| (Y) | 14.300 | 14.300 | 14.350 | 14.100 | 14.300 | 20.000 | | | | |

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|---------|---------|----------|----------|----------|----------|---------|--------|--------|---------|
| | 13.480 | 230.000 | -999.000 | -999.000 | -999.000 | -999.000 | 9 | 13 | 93 | 25 |
| (X) | -86.000 | -86.000 | -80.000 | -60.000 | -40.000 | -28.000 | -20.000 | 0.000 | 3.000 | 3.700 |
| (X) | 8.500 | 14.600 | 15.400 | 20.000 | 40.000 | 46.500 | 49.000 | 60.000 | 80.000 | 100.000 |
| (X) | 120.000 | 140.000 | 160.000 | 164.000 | 164.000 | | | | | |
| (Y) | 20.000 | 16.850 | 14.450 | 15.350 | 14.950 | 14.350 | 14.100 | 14.440 | 14.300 | 13.600 |
| (Y) | 13.750 | 13.000 | 14.300 | 14.600 | 14.750 | 14.500 | 15.350 | 15.100 | 15.100 | 15.100 |
| (Y) | 14.950 | 14.900 | 14.900 | 14.800 | 20.000 | | | | | |

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|---------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 13.680 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 10 | 15 | 93 | 24 |
| (X) | -90.000 | -90.000 | -80.000 | -60.000 | -40.000 | -26.000 | -23.500 | -20.000 | -16.000 | -6.000 |
| (X) | -5.500 | 0.000 | 5.000 | 11.000 | 12.500 | 20.000 | 40.000 | 60.000 | 80.000 | 100.000 |
| (X) | 120.000 | 140.000 | 160.000 | 160.000 | | | | | | |
| (Y) | 20.000 | 15.650 | 15.800 | 15.300 | 15.850 | 16.100 | 15.850 | 15.500 | 14.850 | 15.000 |
| (Y) | 14.500 | 14.470 | 14.300 | 14.500 | 16.100 | 15.900 | 15.700 | 15.500 | 15.500 | 15.100 |
| (Y) | 14.850 | 14.600 | 14.850 | 20.000 | | | | | | |

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 13.880 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 8 | 11 | 93 | 19 |
| (X) | -120.000 | -120.000 | -100.000 | -80.000 | -60.000 | -40.000 | -20.000 | 0.000 | 5.000 | 19.000 |
| (X) | 20.000 | 34.000 | 40.000 | 60.000 | 80.000 | 100.000 | 120.000 | 130.000 | 130.000 | 130.000 |
| (Y) | 25.000 | 16.100 | 16.200 | 16.100 | 16.100 | 16.500 | 16.300 | 15.540 | 14.950 | 14.800 |
| (Y) | 16.100 | 16.350 | 15.900 | 15.900 | 15.750 | 15.250 | 15.300 | 16.050 | 25.000 | |

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|----------|----------|----------|----------|----------|----------|---------|---------|---------|--------|
| | 14.070 | 190.000 | -999.000 | -999.000 | -999.000 | -999.000 | 9 | 13 | 93 | 20 |
| (X) | -140.000 | -140.000 | -120.000 | -100.000 | -80.000 | -60.000 | -40.000 | -20.000 | -10.000 | -6.500 |
| (X) | 0.000 | 7.500 | 10.000 | 20.000 | 33.000 | 37.000 | 40.000 | 60.000 | 80.000 | 80.000 |
| (Y) | 25.000 | 16.150 | 16.100 | 16.350 | 16.450 | 16.750 | 16.900 | 17.000 | 17.050 | 15.500 |
| (Y) | 15.390 | 15.300 | 16.000 | 16.950 | 16.850 | 16.850 | 16.900 | 16.700 | 16.850 | 25.000 |

河川名:Rio Choloma (現況)

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|---------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 14.410 | 340.000 | -999.000 | -999.000 | -999.000 | -999.000 | 9 | 14 | 93 | 23 |
| (X) | -86.500 | -86.500 | -80.000 | -60.000 | -53.000 | -48.000 | -40.000 | -31.500 | -20.000 | -17.200 |
| (X) | -10.070 | 0.000 | 8.700 | 12.500 | 20.000 | 40.000 | 60.000 | 80.000 | 100.000 | 120.000 |
| (X) | 140.000 | 143.500 | 143.500 | | | | | | | |
| (Y) | 25.000 | 19.700 | 18.500 | 18.700 | 18.920 | 18.500 | 17.850 | 17.500 | 18.300 | 17.250 |
| (Y) | 16.600 | 16.590 | 16.650 | 18.050 | 17.900 | 17.700 | 17.650 | 17.700 | 17.450 | 17.850 |
| (Y) | 17.950 | 17.900 | 25.000 | | | | | | | |

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 14.620 | 210.000 | -999.000 | -999.000 | -999.000 | -999.000 | 11 | 15 | 93 | 25 |
| (X) | -110.000 | -110.000 | -100.000 | -80.000 | -60.000 | -40.000 | -39.000 | -36.500 | -33.500 | -20.000 |
| (X) | -13.200 | -9.800 | 0.000 | 6.000 | 7.000 | 20.000 | 40.000 | 60.000 | 63.000 | 80.000 |
| (X) | 100.000 | 110.000 | 120.000 | 140.000 | 140.000 | | | | | |
| (Y) | 25.000 | 19.750 | 18.700 | 17.800 | 17.900 | 18.900 | 18.950 | 18.900 | 18.300 | 18.750 |
| (Y) | 18.350 | 17.160 | 17.160 | 17.200 | 17.750 | 18.300 | 18.250 | 18.100 | 18.500 | 18.900 |
| (Y) | 18.700 | 18.750 | 18.350 | 19.700 | 25.000 | | | | | |

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|---------|---------|----------|----------|----------|----------|---------|---------|--------|--------|
| | 14.820 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 16 | 93 | 28 |
| (X) | -42.500 | -42.500 | -40.000 | -37.000 | -20.000 | -6.000 | -4.500 | -1.500 | 0.000 | 3.500 |
| (X) | 9.000 | 14.000 | 15.500 | 20.000 | 34.000 | 36.000 | 40.000 | 60.000 | 74.000 | 78.400 |
| (X) | 80.000 | 100.000 | 120.000 | 140.000 | 160.000 | 180.000 | 182.500 | 182.500 | | |
| (Y) | 30.000 | 21.100 | 20.050 | 18.800 | 18.700 | 18.100 | 17.700 | 17.500 | 17.700 | 18.100 |
| (Y) | 17.550 | 17.700 | 17.900 | 17.900 | 18.300 | 19.050 | 18.900 | 17.450 | 18.300 | 20.300 |
| (Y) | 20.300 | 20.300 | 20.300 | 20.200 | 19.900 | 20.000 | 20.000 | 30.000 | | |

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|----------|----------|----------|----------|----------|----------|---------|---------|--------|---------|
| | 15.250 | 430.000 | -999.000 | -999.000 | -999.000 | -999.000 | 9 | 12 | 93 | 22 |
| (X) | -118.000 | -118.000 | -114.000 | -100.000 | -80.000 | -60.000 | -40.000 | -20.000 | -2.000 | 0.000 |
| (X) | 1.000 | 13.000 | 20.000 | 40.000 | 43.500 | 47.000 | 56.500 | 60.000 | 80.000 | 100.000 |
| (X) | 120.000 | 120.000 | | | | | | | | |
| (Y) | 30.000 | 21.500 | 19.750 | 20.200 | 20.200 | 20.350 | 20.300 | 20.300 | 19.700 | 18.740 |
| (Y) | 18.600 | 20.150 | 20.300 | 20.500 | 20.450 | 22.200 | 22.150 | 22.100 | 22.400 | 22.000 |
| (Y) | 21.900 | 30.000 | | | | | | | | |

| | 距離標 | 区間距離 | H W L | 左死水城 | 右死水城 | Y死水城 | 左高水數 | 右高水數 | ゲータ年 | 座標点數 |
|-----|----------|----------|----------|----------|----------|----------|---------|---------|--------|--------|
| | 15.610 | 360.000 | -999.000 | -999.000 | -999.000 | -999.000 | 9 | 10 | 93 | 19 |
| (X) | -133.000 | -133.000 | -120.000 | -100.000 | -80.000 | -60.000 | -40.000 | -20.000 | 0.000 | 20.000 |
| (X) | 40.000 | 60.000 | 76.500 | 77.500 | 80.000 | 82.500 | 91.500 | 97.000 | 97.000 | 97.000 |
| (Y) | 30.000 | 21.700 | 21.350 | 21.150 | 21.700 | 21.600 | 21.500 | 21.200 | 21.250 | 21.100 |
| (Y) | 21.600 | 20.900 | 20.200 | 19.800 | 19.600 | 19.800 | 19.600 | 22.900 | 30.000 | |

RIO CHOLOMA : EXISTING CONDITION (3/4)

| 河川名:Rio Choloma (現況) | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|----------|---------|---------|---------|---------|--|
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 15.840 | 230.000 | -999.000 | -999.000 | -999.000 | -999.000 | 7 | 10 | 93 | 21 | |
| (X) | -70.000 | -70.000 | -65.000 | -60.000 | -40.000 | | 10.000 | 12.000 | 15.000 | |
| (X) | 20.000 | 40.000 | 60.000 | 80.000 | 88.000 | 120.000 | 140.000 | 152.000 | 160.000 | |
| (X) | 160.000 | | | | | | | | | |
| (Y) | 30.000 | 23.500 | 22.100 | 21.850 | 21.800 | 22.530 | 20.500 | 20.500 | 21.850 | |
| (Y) | 22.100 | 21.850 | 21.900 | 21.700 | 23.300 | 23.350 | 23.000 | 22.350 | 23.300 | |
| (Y) | 30.000 | | | | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 16.380 | 540.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 9 | 93 | 20 | |
| (X) | -105.000 | -105.000 | -102.000 | -92.000 | -90.000 | -83.600 | -82.600 | -75.000 | -60.000 | |
| (X) | -30.000 | 0.000 | 40.000 | 60.000 | 80.000 | 100.000 | 120.000 | 127.000 | 127.000 | |
| (Y) | 30.000 | 25.000 | 23.900 | 24.000 | 23.500 | 22.300 | 22.200 | 23.200 | 23.500 | |
| (Y) | 24.100 | 23.550 | 23.700 | 23.300 | 23.300 | 23.300 | 23.300 | 24.000 | 30.000 | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 16.600 | 220.000 | -999.000 | -999.000 | -999.000 | -999.000 | 5 | 7 | 93 | 18 | |
| (X) | -50.800 | -50.800 | -48.300 | -30.000 | -13.000 | -6.000 | 0.000 | 40.000 | 60.000 | |
| (X) | 80.000 | 100.000 | 120.000 | 140.000 | 160.000 | 174.000 | 178.500 | 178.500 | | |
| (Y) | 30.000 | 25.700 | 24.700 | 24.300 | 23.400 | 22.900 | 23.440 | 24.500 | 24.400 | |
| (Y) | 24.700 | 24.300 | 24.100 | 24.000 | 24.400 | 24.200 | 26.100 | 30.000 | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 17.010 | 410.000 | -999.000 | -999.000 | -999.000 | -999.000 | 10 | 13 | 93 | 17 | |
| (X) | -98.800 | -98.800 | -95.000 | -90.000 | -60.000 | -31.600 | -30.000 | 0.000 | 20.000 | |
| (X) | 31.000 | 33.000 | 40.000 | 60.000 | 80.000 | 100.000 | 100.000 | 100.000 | 29.400 | |
| (Y) | 35.000 | 27.200 | 26.300 | 26.300 | 26.500 | 26.200 | 25.400 | 25.750 | 25.000 | |
| (Y) | 24.200 | 24.300 | 26.000 | 26.000 | 26.000 | 26.000 | 35.000 | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 17.210 | 200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 8 | 12 | 93 | 16 | |
| (X) | -121.000 | -121.000 | -118.000 | -90.000 | -30.000 | 0.000 | 20.000 | 30.000 | 40.000 | |
| (X) | 43.000 | 44.000 | 60.000 | 80.000 | 88.000 | | | | | |
| (Y) | 35.000 | 28.500 | 27.200 | 27.200 | 27.000 | 27.000 | 26.700 | 24.800 | 24.500 | |
| (Y) | 24.700 | 25.500 | 26.000 | 26.000 | 27.100 | 35.000 | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 17.440 | 230.000 | -999.000 | -999.000 | -999.000 | -999.000 | 8 | 12 | 93 | 19 | |
| (X) | -20.000 | -20.000 | -12.000 | 0.000 | 20.000 | 60.000 | 80.000 | 81.000 | 84.000 | |
| (X) | 89.000 | 91.000 | 100.000 | 120.000 | 124.000 | 140.000 | 160.000 | 160.000 | | |
| (Y) | 35.000 | 27.800 | 28.000 | 27.500 | 27.100 | 26.700 | 26.300 | 25.500 | 25.500 | |
| (Y) | 25.500 | 27.000 | 27.000 | 27.000 | 27.000 | 28.700 | 28.700 | 29.500 | | |

| 河川名:Rio Choloma (現況) | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|----------|---------|---------|---------|---------|--|
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 18.440 | 1000.000 | -999.000 | -999.000 | 80.769 | -999.000 | 6 | 9 | 93 | 15 | |
| (X) | -60.000 | -60.000 | -30.000 | -16.300 | 0.000 | 20.000 | 25.000 | 30.000 | 40.000 | |
| (X) | 60.000 | 80.000 | 100.000 | 120.000 | 120.000 | | | | | |
| (Y) | 40.000 | 30.300 | 30.900 | 30.900 | 30.280 | 29.000 | 28.300 | 28.500 | 29.700 | |
| (Y) | 30.600 | 30.300 | 30.500 | 30.300 | 40.000 | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 18.705 | 265.000 | -999.000 | -999.000 | -999.000 | -999.000 | 5 | 13 | 93 | 23 | |
| (X) | -8.000 | -8.000 | -8.000 | -6.600 | -1.800 | 0.000 | 11.000 | 16.000 | 20.000 | |
| (X) | 24.000 | 26.400 | 30.600 | 40.000 | 48.000 | 50.400 | 60.000 | 70.000 | 100.000 | |
| (X) | 125.000 | 135.600 | 135.600 | | | | | | | |
| (Y) | 40.000 | 32.800 | 31.300 | 30.600 | 30.000 | 28.910 | 28.600 | 28.900 | 29.200 | |
| (Y) | 29.600 | 29.700 | 31.800 | 31.300 | 31.300 | 31.700 | 31.600 | 31.700 | 32.000 | |
| (Y) | 33.000 | 33.800 | 40.000 | | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 18.806 | 101.000 | -999.000 | -999.000 | 62.500 | -999.000 | 5 | 13 | 93 | 22 | |
| (X) | -63.000 | -63.000 | -60.000 | -45.000 | -30.000 | -23.000 | -20.700 | -15.000 | -7.400 | |
| (X) | 3.000 | 6.000 | 11.000 | 20.000 | 33.000 | 40.000 | 60.000 | 80.000 | 120.000 | |
| (X) | 129.000 | 129.000 | | | | | | | | |
| (Y) | 40.000 | 34.100 | 32.400 | 32.300 | 32.000 | 31.400 | 31.200 | 30.000 | 29.510 | |
| (Y) | 29.500 | 30.000 | 31.700 | 32.100 | 31.300 | 31.500 | 32.700 | 32.300 | 32.100 | |
| (Y) | 34.300 | 40.000 | | | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 18.895 | 89.000 | -999.000 | -50.962 | 79.808 | -999.000 | 8 | 14 | 93 | 23 | |
| (X) | -66.000 | -66.000 | -62.400 | -58.000 | -51.000 | -44.000 | -40.000 | -29.000 | -23.600 | |
| (X) | -17.600 | 0.000 | 2.600 | 4.100 | 18.000 | 20.000 | 40.000 | 60.000 | 80.000 | |
| (X) | 114.000 | 121.000 | 121.000 | | | | | | | |
| (Y) | 40.000 | 34.600 | 32.800 | 32.800 | 33.400 | 31.800 | 31.800 | 31.200 | 30.300 | |
| (Y) | 29.700 | 30.000 | 30.100 | 31.000 | 32.200 | 32.700 | 32.700 | 32.300 | 32.900 | |
| (Y) | 33.000 | 34.700 | 40.000 | | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 座標点数 | |
| 19.006 | 111.000 | -999.000 | -71.000 | 79.231 | -999.000 | 6 | 16 | 93 | 20 | |
| (X) | -71.000 | -71.000 | -65.500 | -60.000 | -40.000 | -32.500 | -26.000 | -20.000 | -10.000 | |
| (X) | 22.600 | 27.600 | 31.000 | 36.800 | 40.000 | 60.000 | 80.000 | 100.000 | 112.000 | |
| (Y) | 40.000 | 35.200 | 33.000 | 33.000 | 33.000 | 32.900 | 30.900 | 30.500 | 30.210 | |
| (Y) | 30.100 | 31.700 | 31.900 | 32.800 | 33.200 | 33.500 | 33.200 | 33.100 | 35.100 | |

RIO CHOLOMA: EXISTING CONDITIONS (4/4)

河川名: Rio Choloma (現況)

| | 距離 19.080 | 区間距離 74.000 | H.W.L. -999.000 | 左死水域 -999.000 | 右死水域 -999.000 | Y死水域 -999.000 | 左高水数 -999 | 右高水数 -999 | ゲータ年 93 | 座標点数 24 |
|-----|--------------|----------------|--------------------|------------------|------------------|------------------|--------------|--------------|------------|------------|
| (X) | -50.000 | -50.000 | -49.200 | -39.000 | -34.400 | -32.000 | -27.000 | -25.000 | -22.000 | -15.000 |
| (X) | -4.000 | -1.356 | 4.400 | 7.000 | 14.385 | 22.235 | 24.000 | 26.000 | 32.400 | 32.400 |
| (X) | 35.000 | 42.600 | 42.800 | 42.800 | | | | | | |
| (Y) | 40.000 | 37.000 | 33.200 | 34.200 | 34.200 | 33.000 | 32.000 | 31.200 | 31.100 | 31.000 |
| (Y) | 30.990 | 30.400 | 30.300 | 29.900 | 30.000 | 31.300 | 33.000 | 33.000 | 33.600 | 34.000 |
| (Y) | 33.700 | 33.600 | 37.100 | 40.000 | | | | | | |

RIO CHOLOMA: LONG TERM PLAN (1/4)

河川名: Rio Choloma (計画)

| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水敷 | 右高水敷 | デ-夕年 | 麻標点数 |
|-----|--------|--------|---------|----------|----------|----------|---------|---------|---------|---------|
| | 10.750 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 69.000 | 73.000 | 173.000 | 177.000 | 237.000 | 246.000 | 246.000 |
| (Y) | 16.305 | 11.305 | 8.305 | 8.305 | 6.305 | 6.305 | 8.305 | 8.305 | 11.305 | 16.305 |
| | 11.250 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 17.000 | 12.000 | 9.000 | 9.000 | 7.000 | 7.000 | 9.000 | 9.000 | 12.000 | 17.000 |
| | 11.450 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 17.530 | 12.530 | 9.530 | 9.530 | 7.530 | 7.530 | 9.530 | 9.530 | 12.530 | 17.530 |
| | 11.650 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 18.060 | 13.060 | 10.060 | 10.060 | 8.060 | 8.060 | 10.060 | 10.060 | 13.060 | 18.060 |
| | 11.850 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 18.590 | 13.590 | 10.590 | 10.590 | 8.590 | 8.590 | 10.590 | 10.590 | 13.590 | 18.590 |
| | 12.050 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 19.120 | 14.120 | 11.120 | 11.120 | 9.120 | 9.120 | 11.120 | 11.120 | 14.120 | 19.120 |
| | 12.250 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 19.650 | 14.650 | 11.650 | 11.650 | 9.650 | 9.650 | 11.650 | 11.650 | 14.650 | 19.650 |

河川名: Rio Choloma (計画)

| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水敷 | 右高水敷 | デ-夕年 | 麻標点数 |
|-----|--------|---------|---------|----------|----------|----------|---------|---------|---------|---------|
| | 12.440 | 190.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 20.150 | 15.150 | 12.150 | 12.150 | 10.150 | 10.150 | 12.150 | 12.150 | 15.150 | 20.150 |
| | 12.640 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 20.680 | 15.680 | 12.680 | 12.680 | 10.680 | 10.680 | 12.680 | 12.680 | 15.680 | 20.680 |
| | 12.840 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 21.210 | 16.210 | 13.210 | 13.210 | 11.210 | 11.210 | 13.210 | 13.210 | 16.210 | 21.210 |
| | 13.040 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 21.740 | 16.740 | 13.740 | 13.740 | 11.740 | 11.740 | 13.740 | 13.740 | 16.740 | 21.740 |
| | 13.240 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 22.270 | 17.270 | 14.270 | 14.270 | 12.270 | 12.270 | 14.270 | 14.270 | 17.270 | 22.270 |
| | 13.440 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 108.000 | 112.000 | 157.000 | 166.000 | 166.000 |
| (Y) | 22.800 | 17.800 | 14.800 | 14.800 | 12.800 | 12.800 | 14.800 | 14.800 | 17.800 | 22.800 |
| | 13.630 | 0.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 98.000 | 102.000 | 147.000 | 156.000 | 156.000 |
| (Y) | 23.460 | 18.460 | 15.460 | 15.460 | 13.460 | 13.460 | 15.460 | 15.460 | 18.460 | 23.460 |

RIO CHOLOMA : LONG TERM PLAN (2/4)

河川名: Rio Choloma (計画)

| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
|------------|---------|---------|----------|----------|----------|---------|---------|---------|---------|
| 13.810 | 180.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 98.000 | 102.000 | 147.000 | 156.000 | 156.000 |
| (Y) 24.080 | 19.080 | 16.080 | 16.080 | 14.080 | 14.080 | 16.080 | 16.080 | 19.080 | 24.080 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 13.970 | 160.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 98.000 | 102.000 | 147.000 | 156.000 | 156.000 |
| (Y) 24.640 | 19.640 | 16.640 | 16.640 | 14.640 | 14.640 | 16.640 | 16.640 | 19.640 | 24.640 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 14.210 | 240.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 98.000 | 102.000 | 147.000 | 156.000 | 156.000 |
| (Y) 25.470 | 20.470 | 17.470 | 17.470 | 15.470 | 15.470 | 17.470 | 17.470 | 20.470 | 25.470 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 14.270 | 60.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 98.000 | 102.000 | 147.000 | 156.000 | 156.000 |
| (Y) 25.680 | 20.680 | 17.680 | 17.680 | 15.680 | 15.680 | 17.680 | 17.680 | 20.680 | 25.680 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 14.480 | 210.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 98.000 | 102.000 | 147.000 | 156.000 | 156.000 |
| (Y) 26.400 | 21.400 | 18.400 | 18.400 | 16.400 | 16.400 | 18.400 | 18.400 | 21.400 | 26.400 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 14.670 | 190.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 54.000 | 58.000 | 98.000 | 102.000 | 147.000 | 156.000 | 156.000 |
| (Y) 27.060 | 22.060 | 19.060 | 19.060 | 17.060 | 17.060 | 19.060 | 19.060 | 22.060 | 27.060 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 14.875 | 205.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) 27.770 | 23.770 | 20.770 | 20.770 | 17.770 | 17.770 | 20.770 | 20.770 | 23.770 | 27.770 |

河川名: Rio Choloma (計画)

| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
|------------|---------|---------|----------|----------|----------|--------|---------|---------|---------|
| 15.035 | 160.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) 28.330 | 23.830 | 20.830 | 20.830 | 18.330 | 18.330 | 20.830 | 20.830 | 23.830 | 28.330 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 15.260 | 225.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) 29.110 | 24.610 | 21.610 | 21.610 | 19.110 | 19.110 | 21.610 | 21.610 | 24.610 | 29.110 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 15.390 | 130.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) 29.560 | 25.060 | 22.060 | 22.060 | 19.560 | 19.560 | 22.060 | 22.060 | 25.060 | 29.560 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 15.610 | 220.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) 30.320 | 25.820 | 22.820 | 22.820 | 20.320 | 20.320 | 22.820 | 22.820 | 25.820 | 30.320 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 15.740 | 130.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) 30.770 | 26.270 | 23.270 | 23.270 | 20.770 | 20.770 | 23.270 | 23.270 | 26.270 | 30.770 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 15.990 | 250.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) 31.640 | 27.140 | 24.140 | 24.140 | 21.640 | 21.640 | 24.140 | 24.140 | 27.140 | 31.640 |
| 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | データ年 | 座標点数 |
| 16.190 | 180.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) 32.330 | 27.830 | 24.830 | 24.830 | 22.330 | 22.330 | 24.830 | 24.830 | 27.830 | 32.330 |

RIO CHOLOMA : LONG TERM PLAN (3/4)

河川名: Rio Choloma (計画)

| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
|-----|--------|---------|---------|----------|----------|----------|--------|---------|---------|---------|
| | 16.390 | 200.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 33.020 | 28.520 | 25.520 | 25.520 | 23.020 | 23.020 | 25.520 | 23.520 | 28.520 | 33.020 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 16.550 | 160.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 33.580 | 29.080 | 26.080 | 26.080 | 23.580 | 23.580 | 26.080 | 26.080 | 29.080 | 33.580 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 16.750 | 200.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 34.270 | 29.770 | 26.770 | 26.770 | 24.270 | 24.270 | 26.770 | 26.770 | 29.770 | 34.270 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 16.960 | 210.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 35.000 | 30.500 | 27.500 | 27.500 | 25.000 | 25.000 | 27.500 | 27.500 | 30.500 | 35.000 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 17.160 | 200.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 35.810 | 31.310 | 28.310 | 28.310 | 25.810 | 25.810 | 28.310 | 28.310 | 31.310 | 35.810 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 17.320 | 180.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 36.460 | 31.960 | 28.960 | 28.960 | 26.460 | 26.460 | 28.960 | 28.960 | 31.960 | 36.460 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 17.550 | 230.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 37.390 | 32.890 | 29.890 | 29.890 | 27.390 | 27.390 | 29.890 | 29.890 | 32.890 | 37.390 |

河川名: Rio Choloma (計画)

| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
|-----|----------|----------|----------|----------|----------|----------|--------|---------|---------|---------|
| | 17.715 | 165.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 38.050 | 33.550 | 30.550 | 30.550 | 28.050 | 28.050 | 30.550 | 30.550 | 33.550 | 38.050 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 17.815 | 100.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 38.460 | 33.960 | 30.960 | 30.960 | 28.460 | 28.460 | 30.960 | 30.960 | 33.960 | 38.460 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 17.905 | 90.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 38.820 | 34.320 | 31.320 | 31.320 | 28.820 | 28.820 | 31.320 | 31.320 | 34.320 | 38.820 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 17.995 | 90.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 39.180 | 34.680 | 31.680 | 31.680 | 29.180 | 29.180 | 31.680 | 31.680 | 34.680 | 39.180 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 18.105 | 110.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 7 | 93 | 10 |
| (X) | 0.000 | 0.000 | 9.000 | 49.000 | 54.000 | 94.000 | 99.000 | 139.000 | 148.000 | 148.000 |
| (Y) | 39.630 | 35.130 | 32.130 | 32.130 | 29.630 | 29.630 | 32.130 | 32.130 | 35.130 | 39.630 |
| | 距離標 | 区間距離 | H.W.L. | 左死水城 | 右死水城 | Y死水城 | 左高水数 | 右高水数 | ア-夕年 | 座標点数 |
| | 18.185 | 80.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 8 | 93 | 11 |
| (X) | -110.000 | -110.000 | -100.000 | -25.000 | -20.000 | 0.000 | 20.000 | 25.000 | 80.000 | 90.000 |
| (X) | 90.000 | | | | | | | | | |
| (Y) | 40.000 | 36.000 | 32.450 | 32.450 | 29.950 | 29.950 | 29.950 | 32.450 | 32.450 | 36.000 |
| (Y) | 40.000 | | | | | | | | | |

RIO CHOLDMA : LONG TERM PLAN (4/4)

| 河川名:RIO Choldma (計画) | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | データ年 | 距離点数 |
| | 18.395 | 210.000 | -99.000 | -999.000 | -999.000 | -999.000 | 4 | 8 | 93 | 11 |
| (X) | -128.500 | -128.500 | -123.000 | -25.000 | -20.000 | 0.000 | 20.000 | 20.000 | 113.000 | 110.500 |
| (X) | 118.500 | | | | | | | | | |
| (Y) | 40.000 | 35.540 | 33.300 | 33.300 | 30.800 | 30.800 | 30.800 | 33.300 | 33.300 | 35.540 |
| (Y) | 40.000 | | | | | | | | | |
| | 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | データ年 | 距離点数 |
| | 18.605 | 210.000 | -99.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 93 | 8 |
| (X) | -146.000 | -146.000 | -25.000 | -20.000 | 20.000 | 25.000 | 146.000 | 146.000 | | |
| (Y) | 41.650 | 34.150 | 34.150 | 31.650 | 31.650 | 34.150 | 34.150 | 41.650 | | |
| | 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | データ年 | 距離点数 |
| | 18.815 | 210.000 | -99.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 93 | 8 |
| (X) | -156.200 | -156.200 | -25.000 | -20.000 | 20.000 | 25.000 | 156.200 | 156.200 | | |
| (Y) | 42.500 | 35.000 | 35.000 | 32.500 | 32.500 | 35.000 | 35.000 | 42.500 | | |

河川名:RIO EL SAUCE (続況)

| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|
| | | 0.000 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 9 |
| (X) | -128.000 | -128.000 | -100.000 | -27.000 | -20.000 | -14.000 | -10.000 | 0.000 | 0.000 | | |
| (Y) | 30.000 | 20.100 | 20.500 | 21.000 | 18.000 | 18.300 | 21.300 | 21.820 | 30.000 | | |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 1.600 | 1200.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 9 |
| (X) | -128.000 | -128.000 | -100.000 | -27.000 | -20.000 | -14.000 | -10.000 | 0.000 | 0.000 | | |
| (Y) | 30.000 | 21.600 | 22.000 | 22.500 | 19.500 | 19.800 | 22.800 | 23.320 | 30.000 | | |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 2.800 | 1200.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 13 |
| (X) | -140.000 | -140.000 | -60.000 | -40.000 | -28.500 | -25.000 | -18.500 | -18.000 | -17.000 | | -13.800 |
| (X) | -10.000 | 0.000 | 0.500 | 0.500 | | | | | | | |
| (Y) | 30.000 | 21.500 | 21.500 | 22.000 | 22.000 | 20.400 | 20.400 | 21.000 | 21.000 | | 22.500 |
| (Y) | 22.500 | 25.000 | 25.000 | 30.000 | | | | | | | |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 3.900 | 1100.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 14 |
| (X) | -150.000 | -150.000 | -120.000 | -100.000 | -80.000 | -51.200 | -49.500 | -45.500 | -42.000 | | -20.000 |
| (X) | -11.000 | -2.000 | 0.000 | 0.000 | | | | | | | |
| (Y) | 30.000 | 25.000 | 24.800 | 25.000 | 24.500 | 25.000 | 23.000 | 23.000 | 25.000 | | 25.000 |
| (Y) | 24.800 | 27.200 | 27.300 | 30.000 | | | | | | | |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 4.900 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 15 |
| (X) | -280.000 | -280.000 | -247.500 | -240.000 | -239.000 | -235.000 | -231.500 | -228.500 | -200.000 | | -150.000 |
| (X) | -100.000 | -12.500 | -2.000 | 0.000 | 0.000 | | | | | | |
| (Y) | 35.000 | 29.000 | 28.000 | 27.500 | 25.600 | 25.200 | 25.600 | 27.800 | 27.500 | | 27.000 |
| (Y) | 26.800 | 26.600 | 29.800 | 30.030 | 30.000 | | | | | | |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 5.900 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 17 |
| (X) | -266.000 | -266.000 | -258.500 | -240.000 | -220.000 | -216.000 | -210.200 | -207.000 | -205.500 | | -203.000 |
| (X) | -150.000 | -100.000 | -50.000 | -11.500 | -2.500 | 0.000 | | | | | |
| (Y) | 35.000 | 31.000 | 30.300 | 30.000 | 29.800 | 27.800 | 27.200 | 29.500 | 29.200 | | 30.000 |
| (Y) | 29.400 | 29.000 | 29.000 | 29.000 | 31.800 | 32.010 | 35.000 | | | | |

河川名:RIO EL SAUCE (続況)

| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|
| | | 6.900 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 33 |
| (X) | -780.000 | -780.000 | -760.000 | -742.500 | -734.000 | -722.000 | -695.500 | -691.000 | -680.000 | | -660.000 |
| (X) | -650.000 | -640.000 | -600.000 | -550.000 | -500.000 | -450.000 | -400.000 | -350.000 | -300.000 | | -250.000 |
| (X) | -200.000 | -187.000 | -183.500 | -175.500 | -172.800 | -140.000 | -120.000 | -100.000 | -50.000 | | -13.000 |
| (X) | -10.000 | 0.000 | 0.000 | | | | | | | | |
| (Y) | 40.000 | 34.000 | 34.000 | 33.800 | 32.200 | 30.800 | 30.500 | 31.500 | 32.400 | | 30.000 |
| (Y) | 31.000 | 31.800 | 31.300 | 31.000 | 31.500 | 31.000 | 31.300 | 31.300 | 31.000 | | 31.000 |
| (Y) | 31.000 | 31.500 | 30.800 | 30.200 | 31.000 | 31.000 | 30.600 | 31.200 | 31.000 | | 31.000 |
| (Y) | 34.500 | 34.610 | 40.000 | | | | | | | | |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 7.900 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 31 |
| (X) | -960.000 | -960.000 | -924.000 | -920.000 | -914.000 | -902.500 | -900.000 | -850.000 | -800.000 | | -750.000 |
| (X) | -720.000 | -700.000 | -650.000 | -600.000 | -450.000 | -400.000 | -350.000 | -300.000 | -150.000 | | -100.000 |
| (X) | -71.000 | -70.000 | -68.000 | -61.500 | -58.500 | -40.000 | -20.000 | -12.500 | -1.500 | | 10.000 |
| (X) | 10.000 | | | | | | | | | | |
| (Y) | 40.000 | 36.000 | 35.500 | 33.800 | 33.000 | 33.100 | 35.000 | 35.800 | 35.800 | | 35.600 |
| (Y) | 34.500 | 35.060 | 34.500 | 34.500 | 35.000 | 35.500 | 35.500 | 35.000 | 35.000 | | 34.600 |
| (Y) | 34.600 | 34.500 | 34.500 | 35.000 | 33.800 | 34.000 | 34.400 | 35.000 | 38.200 | | 38.400 |
| (Y) | 40.000 | | | | | | | | | | |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 8.500 | 600.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 24 |
| (X) | -320.000 | -320.000 | -300.000 | -280.000 | -263.000 | -260.000 | -254.000 | -244.500 | -241.000 | | -235.000 |
| (X) | -220.000 | -200.000 | -180.000 | -156.500 | -130.000 | -100.000 | -59.000 | -56.000 | -50.000 | | -25.000 |
| (X) | -1.000 | 0.000 | 12.000 | 12.000 | | | | | | | |
| (Y) | 45.000 | 37.800 | 38.000 | 37.800 | 38.000 | 37.000 | 36.000 | 36.000 | 37.000 | | 40.800 |
| (Y) | 41.200 | 41.200 | 40.000 | 38.000 | 37.400 | 37.500 | 37.000 | 36.500 | 37.000 | | 38.000 |
| (Y) | 42.000 | 41.953 | 42.000 | 45.000 | | | | | | | |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 9.000 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 20 |
| (X) | -223.000 | -223.000 | -220.000 | -200.000 | -160.000 | -100.000 | -89.000 | -86.300 | -80.000 | | -79.500 |
| (X) | -74.500 | -72.800 | -58.000 | -48.900 | -30.000 | -20.000 | -2.000 | 0.000 | 11.000 | | 11.000 |
| (Y) | 45.000 | 39.500 | 39.000 | 39.000 | 39.000 | 38.500 | 38.800 | 37.800 | 37.500 | | 37.000 |
| (Y) | 36.500 | 38.600 | 38.000 | 37.800 | 38.000 | 39.000 | 43.000 | 43.150 | 43.200 | | 45.000 |
| | | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 座標点数 |
| | | 9.750 | 750.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 16 |
| (X) | -124.000 | -124.000 | -120.000 | -100.000 | -80.000 | -60.000 | -44.000 | -42.500 | -34.500 | | -30.000 |
| (X) | -20.000 | -7.000 | -3.000 | 0.000 | 10.000 | | | | | | |
| (Y) | 50.000 | 42.000 | 41.300 | 42.000 | 41.400 | 40.800 | 41.600 | 39.500 | 40.000 | | 41.800 |
| (Y) | 41.800 | 44.000 | 46.000 | 46.189 | 46.300 | 50.000 | | | | | |

河川名: RYO EL SAUCE (現況)

| | 距離 | 区間距離 | H.W.L. | 左泥水城 | 右泥水城 | Y泥水城 | 左高水数 | 右高水数 | ゲ-夕年 | 距離点数 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 10.750 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 9 | 92 | 15 |
| (X) | -150.000 | -150.000 | -140.000 | -130.000 | -120.000 | -85.000 | -82.000 | -67.200 | -64.500 | -40.000 |
| (X) | -32.000 | -20.000 | -2.000 | 0.000 | 0.000 | | | | | |
| (Y) | 55.000 | 49.000 | 46.200 | 44.600 | 44.300 | 45.000 | 43.000 | 43.000 | 43.800 | 43.400 |
| (Y) | 44.400 | 45.000 | 48.800 | 48.920 | 55.000 | | | | | |
| | 距離 | 区間距離 | H.W.L. | 左泥水城 | 右泥水城 | Y泥水城 | 左高水数 | 右高水数 | ゲ-夕年 | 距離点数 |
| | 11.550 | 800.000 | -999.000 | -999.000 | -999.000 | -999.000 | 5 | 8 | 92 | 16 |
| (X) | -150.000 | -150.000 | -140.000 | -137.300 | -113.500 | -110.000 | -101.500 | -100.000 | -97.000 | -94.000 |
| (X) | -80.000 | -60.000 | -40.000 | -30.000 | -20.000 | -7.000 | 0.000 | 0.000 | | |
| (Y) | 60.000 | 52.000 | 48.800 | 48.200 | 46.500 | 45.000 | 44.900 | 46.500 | 46.400 | 47.200 |
| (Y) | 47.500 | 47.200 | 47.000 | 47.600 | 48.600 | 52.000 | 52.200 | 60.000 | | |
| | 距離 | 区間距離 | H.W.L. | 左泥水城 | 右泥水城 | Y泥水城 | 左高水数 | 右高水数 | ゲ-夕年 | 距離点数 |
| | 12.600 | 1050.000 | -999.000 | -999.000 | -999.000 | -999.000 | 5 | 12 | 92 | 17 |
| (X) | -153.500 | -153.500 | -135.500 | -120.000 | -114.000 | -112.400 | -103.000 | -100.000 | -90.000 | -80.000 |
| (X) | -74.000 | -73.000 | -24.000 | -10.000 | -4.000 | 0.000 | 0.000 | 0.000 | | |
| (Y) | 60.000 | 55.500 | 51.500 | 51.000 | 50.700 | 49.400 | 49.500 | 50.000 | 50.000 | 49.800 |
| (Y) | 49.500 | 50.500 | 51.000 | 54.500 | 55.200 | 55.520 | 60.000 | | | |
| | 距離 | 区間距離 | H.W.L. | 左泥水城 | 右泥水城 | Y泥水城 | 左高水数 | 右高水数 | ゲ-夕年 | 距離点数 |
| | 13.550 | 950.000 | -999.000 | -999.000 | -999.000 | -999.000 | 8 | 11 | 92 | 18 |
| (X) | -160.000 | -160.000 | -154.000 | -126.000 | -120.000 | -100.000 | -80.000 | -75.000 | -72.500 | -68.500 |
| (X) | -60.000 | -50.000 | -50.000 | -30.000 | -24.000 | -5.000 | 0.000 | 0.000 | | |
| (Y) | 65.000 | 58.500 | 58.200 | 53.000 | 53.200 | 53.300 | 53.400 | 53.500 | 52.000 | 52.000 |
| (Y) | 53.400 | 53.400 | 53.500 | 53.800 | 54.000 | 58.000 | 58.350 | 65.000 | | |
| | 距離 | 区間距離 | H.W.L. | 左泥水城 | 右泥水城 | Y泥水城 | 左高水数 | 右高水数 | ゲ-夕年 | 距離点数 |
| | 14.600 | 1050.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 9 | 92 | 20 |
| (X) | -145.000 | -145.000 | -140.000 | -124.000 | -120.000 | -113.500 | -110.500 | -106.000 | -105.000 | -100.000 |
| (X) | -90.000 | -80.000 | -75.000 | -46.000 | -40.000 | -38.000 | -26.000 | -5.000 | 0.000 | 0.000 |
| (Y) | 65.000 | 60.400 | 59.000 | 56.200 | 56.000 | 55.500 | 54.200 | 54.300 | 54.200 | 55.500 |
| (Y) | 55.200 | 55.200 | 56.000 | 56.000 | 55.500 | 56.000 | 56.800 | 60.800 | 60.820 | 65.000 |

河川名:RIO EL SACRE (計測)

| | 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 測点数 |
|-----|--------|----------|----------|----------|----------|----------|---------|---------|------|-----|
| | 0.000 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 28.000 | 20.000 | 20.000 | 18.000 | 20.000 | 20.000 | 20.000 | 28.000 | | |
| | 1.600 | 1200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 29.200 | 21.200 | 21.200 | 19.200 | 21.200 | 21.200 | 21.200 | 29.200 | | |
| | 2.800 | 1200.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 30.400 | 22.400 | 22.400 | 20.400 | 22.400 | 22.400 | 22.400 | 30.400 | | |
| | 3.900 | 1100.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 32.840 | 24.840 | 24.840 | 22.840 | 24.840 | 24.840 | 24.840 | 32.840 | | |
| | 4.900 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 35.070 | 27.070 | 27.070 | 25.070 | 27.070 | 27.070 | 27.070 | 35.070 | | |
| | 5.900 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 37.290 | 29.290 | 29.290 | 27.290 | 29.290 | 29.290 | 29.290 | 37.290 | | |
| | 6.900 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 40.150 | 32.150 | 32.150 | 30.150 | 32.150 | 32.150 | 32.150 | 40.150 | | |

河川名:RIO EL SACRE (計測)

| | 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | ゲータ年 | 測点数 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| | 7.900 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 43.000 | 35.000 | 35.000 | 33.000 | 35.000 | 35.000 | 35.000 | 43.000 | | |
| | 8.500 | 600.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 45.000 | 37.000 | 37.000 | 35.000 | 37.000 | 37.000 | 37.000 | 45.000 | | |
| | 9.000 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 46.670 | 38.670 | 38.670 | 36.670 | 38.670 | 38.670 | 38.670 | 46.670 | | |
| | 9.750 | 750.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 6 | 92 | 8 |
| (X) | 0.000 | 0.000 | 60.000 | 64.000 | 124.000 | 128.000 | 188.000 | 188.000 | | |
| (Y) | 49.170 | 41.170 | 41.170 | 39.170 | 41.170 | 41.170 | 41.170 | 49.170 | | |
| | 10.750 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 9 | 92 | 15 |
| (X) | -130.000 | -130.000 | -140.000 | -130.000 | -120.000 | -85.000 | -82.000 | -67.200 | -64.500 | -40.000 |
| (X) | -32.000 | -20.000 | -2.000 | 0.000 | 0.000 | | | | | |
| (Y) | 55.000 | 49.000 | 46.200 | 44.600 | 44.300 | 45.000 | 43.000 | 43.000 | 43.800 | 43.400 |
| (Y) | 44.400 | 45.000 | 48.800 | 48.920 | 55.000 | | | | | |
| | 11.550 | 800.000 | -999.000 | -999.000 | -999.000 | -999.000 | 5 | 8 | 92 | 18 |
| (X) | -150.000 | -150.000 | -140.000 | -137.300 | -113.500 | -110.000 | -101.500 | -100.000 | -97.000 | -94.000 |
| (X) | -80.000 | -60.000 | -40.000 | -30.000 | -20.000 | -7.000 | 0.000 | 0.000 | | |
| (Y) | 60.000 | 52.000 | 48.800 | 46.200 | 46.500 | 45.000 | 44.900 | 46.500 | 46.400 | 47.200 |
| (Y) | 47.500 | 47.200 | 47.000 | 47.500 | 48.800 | 52.000 | 52.200 | 60.000 | | |

河川名 IRIO EL BAUCE (計測)

| | 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ブーケ年 | 標高点数 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 12.600 | 1050.000 | -999.000 | -999.000 | -999.000 | -999.000 | 5 | 12 | 92 | 17 |
| (X) | -153.500 | -153.500 | -135.500 | -120.000 | -114.000 | -112.400 | -103.000 | -100.000 | -90.000 | -80.000 |
| (X) | -74.000 | -73.000 | -24.000 | -10.000 | -4.000 | 0.000 | 0.000 | | | |
| (Y) | 60.000 | 55.500 | 51.500 | 31.000 | 30.700 | 49.400 | 49.500 | 50.000 | 50.000 | 49.800 |
| (Y) | 49.500 | 50.500 | 51.000 | 54.500 | 55.200 | 55.570 | 60.000 | | | |
| | 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ブーケ年 | 標高点数 |
| | 13.350 | 950.000 | -999.000 | -999.000 | -999.000 | -999.000 | 8 | 11 | 92 | 16 |
| (X) | -160.000 | -160.000 | -154.000 | -126.000 | -120.000 | -100.000 | -80.000 | -75.000 | -72.500 | -68.500 |
| (X) | -60.000 | -50.000 | -50.000 | -30.000 | -24.000 | -5.000 | 0.000 | 0.000 | | |
| (Y) | 65.000 | 58.500 | 58.200 | 53.000 | 53.200 | 53.300 | 53.400 | 53.500 | 52.000 | 52.000 |
| (Y) | 53.400 | 53.400 | 53.500 | 53.800 | 54.000 | 58.000 | 58.350 | 63.000 | | |
| | 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ブーケ年 | 標高点数 |
| | 14.600 | 1050.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 9 | 92 | 20 |
| (X) | -145.000 | -145.000 | -140.000 | -124.000 | -120.000 | -113.500 | -110.500 | -106.000 | -105.000 | -100.000 |
| (X) | -90.000 | -80.000 | -75.000 | -46.000 | -40.000 | -38.000 | -26.000 | -5.000 | 0.000 | 0.000 |
| (Y) | 65.000 | 60.400 | 59.000 | 56.200 | 56.000 | 55.500 | 54.200 | 54.500 | 55.200 | 55.500 |
| (Y) | 55.200 | 55.200 | 56.000 | 56.000 | 55.500 | 56.000 | 56.800 | 60.800 | 60.820 | 65.000 |

河川名:BERUJO (現況)

| | 距離標 14.600 | 区間距離 0.000 | H W L -99.000 | 左死水標 -999.000 | 右死水標 -999.000 | Y死水標 -999.000 | 左高水標 -999 | 右高水標 -999 | ゲータ年 92 | 崖標点数 18 |
|-----|---------------|------------------|-------------------|------------------|------------------|------------------|--------------|--------------|------------|------------|
| (X) | -160.000 | -160.000 | -150.000 | -140.000 | -130.000 | -120.000 | -119.000 | -110.000 | -98.000 | -95.000 |
| (X) | -54.000 | -52.000 | -49.600 | -49.200 | -30.000 | -20.000 | 0.000 | 0.000 | | |
| (Y) | 64.300 | 59.300 | 58.600 | 56.900 | 55.700 | 55.300 | 54.200 | 54.300 | 54.500 | 55.300 |
| (Y) | 55.300 | 54.800 | 54.800 | 54.800 | 56.300 | 58.100 | 60.580 | 69.300 | | |
| | 距離標 14.850 | 区間距離 250.000 | H W L -999.000 | 左死水標 -999.000 | 右死水標 -999.000 | Y死水標 -999.000 | 左高水標 -999 | 右高水標 -999 | ゲータ年 92 | 崖標点数 18 |
| (X) | -160.000 | -160.000 | -150.000 | -140.000 | -130.000 | -120.000 | -119.000 | -110.000 | -98.000 | -95.000 |
| (X) | -54.000 | -52.000 | -49.600 | -49.200 | -30.000 | -20.000 | 0.000 | 0.000 | | |
| (Y) | 65.000 | 60.000 | 59.300 | 57.600 | 56.400 | 56.000 | 54.900 | 55.000 | 55.200 | 56.000 |
| (Y) | 56.000 | 55.500 | 55.500 | 56.800 | 57.000 | 58.800 | 61.280 | 70.000 | | |
| | 距離標 15.600 | 区間距離 750.000 | H W L -999.000 | 左死水標 -999.000 | 右死水標 -999.000 | Y死水標 -999.000 | 左高水標 -999 | 右高水標 -999 | ゲータ年 92 | 崖標点数 16 |
| (X) | 0.000 | 0.000 | 5.000 | 26.000 | 30.000 | 40.000 | 60.000 | 70.000 | 76.800 | 77.800 |
| (X) | 81.500 | 83.200 | 90.000 | 93.000 | 100.000 | 100.000 | | | | |
| (Y) | 70.000 | 64.120 | 64.000 | 60.000 | 59.800 | 59.500 | 59.000 | 59.500 | 59.300 | 58.200 |
| (Y) | 58.200 | 59.000 | 59.000 | 60.000 | 64.000 | 70.000 | | | | |
| | 距離標 16.500 | 区間距離 900.000 | H W L -999.000 | 左死水標 -999.000 | 右死水標 -999.000 | Y死水標 -999.000 | 左高水標 -999 | 右高水標 -999 | ゲータ年 92 | 崖標点数 12 |
| (X) | 30.000 | 30.000 | 34.500 | 40.000 | 50.000 | 60.000 | 63.500 | 65.500 | 70.000 | 75.000 |
| (X) | 78.000 | 78.000 | | | | | | | | |
| (Y) | 75.000 | 68.400 | 65.000 | 64.600 | 63.300 | 62.500 | 62.800 | 62.500 | 63.500 | 63.000 |
| (Y) | 67.000 | 75.000 | | | | | | | | |
| | 距離標 17.500 | 区間距離 1000.000 | H W L -999.000 | 左死水標 -999.000 | 右死水標 -999.000 | Y死水標 -999.000 | 左高水標 -999 | 右高水標 -999 | ゲータ年 92 | 崖標点数 18 |
| (X) | 6.200 | 6.200 | 10.000 | 15.000 | 24.000 | 27.000 | 30.000 | 40.000 | 50.000 | 60.000 |
| (X) | 63.800 | 65.000 | 70.000 | 71.000 | 74.500 | 76.400 | 83.000 | 83.000 | | |
| (Y) | 80.000 | 75.500 | 73.600 | 69.400 | 69.400 | 70.000 | 70.200 | 70.000 | 70.000 | 69.500 |
| (Y) | 69.800 | 71.500 | 71.000 | 71.000 | 72.700 | 72.700 | 75.600 | 80.000 | | |
| | 距離標 18.550 | 区間距離 1050.000 | H W L -999.000 | 左死水標 -999.000 | 右死水標 -999.000 | Y死水標 -999.000 | 左高水標 -999 | 右高水標 -999 | ゲータ年 92 | 崖標点数 17 |
| (X) | 0.000 | 0.000 | 10.000 | 20.000 | 30.000 | 40.000 | 46.400 | 40.000 | 46.400 | 50.000 |
| (X) | 58.000 | 60.000 | 70.000 | 110.000 | 126.500 | 132.000 | 132.000 | | | |
| (Y) | 90.000 | 82.500 | 82.600 | 82.000 | 82.400 | 82.600 | 82.400 | 82.600 | 82.400 | 80.800 |
| (Y) | 81.000 | 81.400 | 81.500 | 81.500 | 83.000 | 85.600 | 90.000 | | | |

河川名:BERUJO (現況)

| | 距離標 19.500 | 区間距離 950.000 | H W L -999.000 | 左死水標 -999.000 | 右死水標 -999.000 | Y死水標 -999.000 | 左高水標 -999 | 右高水標 -999 | ゲータ年 92 | 崖標点数 13 |
|-----|---------------|------------------|-------------------|------------------|------------------|------------------|--------------|--------------|------------|------------|
| (X) | 10.000 | 10.000 | 15.000 | 20.000 | 30.000 | 33.000 | 40.600 | 48.500 | 60.000 | 77.000 |
| (X) | 82.500 | 90.000 | 90.000 | | | | | | | |
| (Y) | 150.000 | 106.000 | 103.300 | 103.200 | 102.500 | 101.600 | 101.500 | 103.000 | 103.000 | 104.000 |
| (Y) | 106.600 | 106.700 | 150.000 | | | | | | | |
| | 距離標 20.600 | 区間距離 1100.000 | H W L -999.000 | 左死水標 -999.000 | 右死水標 -999.000 | Y死水標 -999.000 | 左高水標 -999 | 右高水標 -999 | ゲータ年 92 | 崖標点数 16 |
| (X) | -20.000 | -20.000 | -10.800 | -7.500 | 0.000 | 3.400 | 8.500 | 17.000 | 17.000 | 20.000 |
| (X) | 30.000 | 40.000 | 50.000 | 57.000 | 60.000 | 60.000 | | | | |
| (Y) | 200.000 | 129.200 | 127.900 | 124.500 | 126.600 | 126.300 | 123.700 | 123.700 | 123.700 | 123.300 |
| (Y) | 125.300 | 125.600 | 127.500 | 130.300 | 130.600 | 200.000 | | | | |

河川名:PIEDRAS (現況)

| | 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 座標点数 |
|-----|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 14.600 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 15 |
| (X) | 0.000 | 12.000 | 17.500 | 19.500 | 44.500 | 47.000 | 50.000 | 70.000 | 80.000 | 90.000 |
| (R) | 100.000 | 116.500 | 126.000 | 140.000 | 150.000 | | | | | |
| (Y) | 59.700 | 59.300 | 54.700 | 54.500 | 54.200 | 54.200 | 54.500 | 55.500 | 55.500 | 55.900 |
| (V) | 56.900 | 59.500 | 59.500 | 59.000 | 59.500 | | | | | |
| | 14.830 | 250.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 15 |
| (X) | 0.000 | 12.000 | 17.500 | 19.500 | 44.500 | 47.000 | 50.000 | 70.000 | 80.000 | 90.000 |
| (R) | 100.000 | 116.500 | 126.000 | 140.000 | 150.000 | | | | | |
| (Y) | 61.200 | 60.600 | 56.200 | 56.000 | 55.700 | 55.700 | 56.000 | 57.000 | 57.000 | 57.400 |
| (V) | 58.400 | 61.000 | 61.000 | 60.500 | 61.000 | | | | | |
| | 15.600 | 750.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 13 |
| (X) | -90.000 | -77.600 | -70.000 | -60.000 | -57.000 | -45.500 | -41.000 | -41.400 | -37.500 | -13.400 |
| (R) | -6.800 | 8.000 | 8.000 | | | | | | | |
| (Y) | 71.000 | 62.400 | 62.000 | 62.200 | 63.400 | 62.400 | 60.600 | 60.600 | 61.500 | 62.800 |
| (V) | 66.000 | 66.400 | 75.000 | | | | | | | |
| | 16.850 | 1250.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 12 |
| (X) | -90.000 | -90.000 | -70.000 | -60.000 | -54.000 | -50.000 | -47.600 | -30.000 | -15.000 | -4.000 |
| (R) | 2.000 | 54.000 | | | | | | | | |
| (Y) | 85.000 | 76.500 | 76.000 | 72.000 | 71.000 | 71.000 | 71.800 | 72.000 | 72.000 | 75.000 |
| (V) | 75.000 | 75.000 | | | | | | | | |
| | 17.700 | 850.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 10 |
| (X) | -80.000 | -77.000 | -67.200 | -50.000 | -34.000 | -27.000 | -20.000 | -16.200 | -9.500 | -9.500 |
| (R) | 87.400 | 87.200 | 83.200 | 82.600 | 81.800 | 82.000 | 83.800 | 83.000 | 87.000 | 95.000 |
| (Y) | | | | | | | | | | |
| | 18.800 | 1100.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 7 |
| (X) | -73.400 | -73.400 | -50.500 | -40.000 | -13.000 | -8.000 | -8.600 | | | |
| (R) | 150.000 | 108.500 | 101.800 | 102.200 | 103.500 | 106.700 | 150.000 | | | |

河川名:PIEDRAS (現況)

| | 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 座標点数 |
|-----|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 19.800 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 14 |
| (X) | -84.000 | -84.000 | -80.000 | -73.500 | -64.000 | -50.000 | -40.000 | -34.000 | -31.000 | -25.000 |
| (R) | -25.000 | -13.100 | -13.000 | -13.000 | | | | | | |
| (Y) | 200.000 | 137.800 | 136.900 | 137.000 | 132.000 | 130.200 | 131.000 | 131.800 | 130.200 | 130.300 |
| (V) | 130.200 | 136.100 | 136.200 | 200.000 | | | | | | |
| | 20.800 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 18 |
| (X) | -106.000 | -90.000 | -86.400 | -83.500 | -82.500 | -80.000 | -74.000 | -65.000 | -56.000 | -40.000 |
| (R) | -30.000 | -20.000 | -11.800 | -6.100 | 0.000 | 5.500 | 11.000 | 19.000 | | |
| (Y) | 187.800 | 171.800 | 172.800 | 172.700 | 171.200 | 170.300 | 169.600 | 169.600 | 171.300 | 171.300 |
| (V) | 170.600 | 170.500 | 171.100 | 174.100 | 174.300 | 174.000 | 172.700 | 172.000 | | |
| | 21.150 | 350.000 | -99.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 10 |
| (X) | -60.000 | -60.000 | -40.000 | -11.500 | -1.500 | -1.400 | 4.500 | 5.000 | 22.500 | 22.500 |
| (R) | 300.000 | 213.800 | 202.900 | 190.100 | 191.500 | 194.600 | 194.500 | 197.100 | 207.800 | 220.000 |

河川名:SAN ROQUE (計画)

| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
|-------|----------|----------|----------|----------|----------|---------|---------|------|------|
| 0.000 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 40.000 | 46.000 | 106.000 | 112.000 | 152.000 | 152.000 | | |
| (Y) | 16.300 | 9.300 | 6.300 | 6.300 | 9.300 | 9.300 | 16.300 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 1.000 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 40.000 | 46.000 | 106.000 | 112.000 | 152.000 | 152.000 | | |
| (Y) | 16.585 | 9.585 | 6.585 | 6.585 | 9.585 | 9.585 | 16.585 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 2.100 | 1100.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 40.000 | 46.000 | 106.000 | 112.000 | 152.000 | 152.000 | | |
| (Y) | 16.900 | 9.900 | 6.900 | 6.900 | 9.900 | 9.900 | 16.900 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 3.200 | 1100.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 40.000 | 46.000 | 106.000 | 112.000 | 152.000 | 152.000 | | |
| (Y) | 17.214 | 10.214 | 7.214 | 7.214 | 10.214 | 10.214 | 17.214 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 4.100 | 900.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 40.000 | 46.000 | 106.000 | 112.000 | 152.000 | 152.000 | | |
| (Y) | 17.471 | 10.471 | 7.471 | 7.471 | 10.471 | 10.471 | 17.471 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 5.000 | 900.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 40.000 | 46.000 | 106.000 | 112.000 | 152.000 | 152.000 | | |
| (Y) | 17.728 | 10.728 | 7.728 | 7.728 | 10.728 | 10.728 | 17.728 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 5.700 | 700.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 40.000 | 46.000 | 106.000 | 112.000 | 152.000 | 152.000 | | |
| (Y) | 17.928 | 10.928 | 7.928 | 7.928 | 10.928 | 10.928 | 17.928 | | |

河川名:SAN ROQUE (計画)

| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
|-------|----------|----------|----------|----------|----------|---------|---------|------|------|
| 6.400 | 700.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 40.000 | 46.000 | 106.000 | 112.000 | 152.000 | 152.000 | | |
| (Y) | 18.128 | 11.128 | 8.128 | 8.128 | 11.128 | 11.128 | 18.128 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 6.500 | 100.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 35.000 | 39.000 | 99.000 | 103.000 | 138.000 | 138.000 | | |
| (Y) | 18.403 | 10.403 | 8.403 | 8.403 | 10.403 | 10.403 | 18.403 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 7.400 | 900.000 | -999.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 35.000 | 39.000 | 99.000 | 103.000 | 138.000 | 138.000 | | |
| (Y) | 21.130 | 13.130 | 11.130 | 11.130 | 13.130 | 13.130 | 21.130 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 8.400 | 1000.000 | -99.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 35.000 | 39.000 | 99.000 | 103.000 | 138.000 | 138.000 | | |
| (Y) | 24.160 | 16.160 | 14.160 | 14.160 | 16.160 | 16.160 | 24.160 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 9.400 | 1000.000 | -99.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 35.000 | 39.000 | 99.000 | 103.000 | 138.000 | 138.000 | | |
| (Y) | 27.190 | 19.190 | 17.190 | 17.190 | 19.190 | 19.190 | 27.190 | | |
| 距離値 | 区間距離 | H.W.L. | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 高欄点数 |
| 9.600 | 400.000 | -99.000 | -999.000 | -999.000 | -999.000 | | | 92 | 8 |
| (X) | 0.000 | 35.000 | 39.000 | 99.000 | 103.000 | 138.000 | 138.000 | | |
| (Y) | 28.403 | 20.403 | 18.403 | 18.403 | 20.403 | 20.403 | 28.403 | | |

河川名:BLANCOI (現況)

| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
|--------------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| 9.800 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 10 |
| (X) -100.000 | -80.000 | -20.000 | -3.000 | 0.000 | 3.000 | 36.000 | 70.000 | 88.000 | 100.000 |
| (Y) 28.000 | 25.000 | 20.000 | 18.500 | 18.500 | 18.500 | 20.000 | 25.000 | 30.000 | 34.000 |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
| 10.300 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 20 |
| (X) -100.000 | -92.000 | -80.000 | -60.000 | -54.000 | -48.000 | -44.000 | -38.000 | -32.000 | -18.000 |
| (X) -10.000 | 0.000 | 24.000 | 35.000 | 48.000 | 55.000 | 60.000 | 64.000 | 80.000 | 80.000 |
| (Y) 49.000 | 45.000 | 40.000 | 35.000 | 34.000 | 33.000 | 32.000 | 31.000 | 30.000 | 25.000 |
| (Y) 20.000 | 19.500 | 20.000 | 21.000 | 22.000 | 23.000 | 24.000 | 25.000 | 30.000 | 45.000 |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
| 10.800 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 22 |
| (X) -100.000 | -90.000 | -82.000 | -72.000 | -62.000 | -58.000 | -55.000 | -50.000 | -44.000 | -6.000 |
| (X) -4.000 | -3.000 | 0.000 | 3.000 | 14.000 | 22.000 | 35.000 | 38.000 | 48.000 | 70.000 |
| (X) 86.000 | 100.000 | | | | | | | | |
| (Y) 60.000 | 55.000 | 50.000 | 45.000 | 40.000 | 35.000 | 30.000 | 25.000 | 24.000 | 23.000 |
| (Y) 22.000 | 21.400 | 21.400 | 21.400 | 22.000 | 23.000 | 24.000 | 25.000 | 30.000 | 35.000 |
| (Y) 40.000 | 42.000 | | | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
| 11.300 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 12 |
| (X) -50.000 | -38.000 | -26.000 | -18.000 | -10.000 | -8.000 | -6.000 | 0.000 | 16.923 | 23.077 |
| (X) 38.462 | 80.000 | | | | | | | | |
| (Y) 43.000 | 40.000 | 35.000 | 30.000 | 25.000 | 24.000 | 23.000 | 22.500 | 22.692 | 30.000 |
| (Y) 34.423 | 40.000 | | | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
| 11.800 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 18 |
| (X) -70.000 | -70.000 | -62.000 | -56.000 | -48.000 | -40.000 | -32.000 | -25.000 | -6.000 | -2.000 |
| (X) 0.000 | 2.000 | 10.000 | 20.000 | 35.000 | 50.000 | 70.000 | 70.000 | | |
| (Y) 40.000 | 35.000 | 35.000 | 34.000 | 33.000 | 32.000 | 31.000 | 30.000 | 25.000 | 24.000 |
| (Y) 24.000 | 24.000 | 25.000 | 29.000 | 26.000 | 30.000 | 32.000 | 35.000 | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
| 12.300 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 16 |
| (X) -100.000 | -72.000 | -66.000 | -60.000 | -52.000 | -40.000 | -32.000 | 0.000 | 20.000 | 28.000 |
| (X) 35.000 | 52.000 | 62.000 | 72.000 | 88.000 | 100.000 | | | | |
| (Y) 43.000 | 42.000 | 41.000 | 40.000 | 40.000 | 35.000 | 30.000 | 27.000 | 30.000 | 35.000 |
| (Y) 36.000 | 35.000 | 33.000 | 35.000 | 40.000 | 42.000 | | | | |

河川名:BLANCOI (現況)

| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
|--------------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| 12.800 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 24 |
| (X) -100.000 | -90.000 | -80.000 | -72.000 | -63.000 | -60.000 | -50.000 | -43.000 | -40.000 | -36.000 |
| (X) -32.000 | -20.000 | -4.000 | 0.000 | 4.000 | 8.000 | 14.000 | 24.000 | 28.000 | 40.000 |
| (Y) 75.000 | 95.000 | 100.000 | 100.000 | | | | | | |
| (Y) 50.000 | 49.000 | 48.000 | 47.000 | 46.000 | 45.000 | 40.000 | 35.000 | 34.000 | 33.000 |
| (Y) 32.000 | 31.000 | 30.500 | 30.500 | 30.500 | 35.000 | 40.000 | 45.000 | 46.000 | 47.000 |
| (Y) 47.500 | 48.000 | 48.500 | 50.000 | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
| 13.070 | 270.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 21 |
| (X) -100.000 | -90.000 | -44.000 | -36.000 | -30.000 | -24.000 | -18.000 | -14.000 | -8.000 | 0.000 |
| (X) 4.000 | 14.000 | 18.000 | 24.000 | 30.000 | 40.000 | 46.000 | 70.000 | 73.000 | 76.000 |
| (X) 100.000 | | | | | | | | | |
| (Y) 48.500 | 48.000 | 47.000 | 46.000 | 45.000 | 40.000 | 35.000 | 34.000 | 33.000 | 32.000 |
| (Y) 31.500 | 31.500 | 32.000 | 33.000 | 34.000 | 35.000 | 40.000 | 45.000 | 46.000 | 47.000 |
| (Y) 48.000 | | | | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
| 13.570 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 11 |
| (X) -100.000 | -60.000 | -20.000 | -8.000 | -4.000 | 0.000 | 6.000 | 17.692 | 26.000 | 80.000 |
| (X) 100.000 | | | | | | | | | |
| (Y) 44.800 | 44.800 | 44.000 | 43.000 | 42.000 | 40.000 | 38.000 | 38.000 | 44.000 | 44.000 |
| (Y) 44.000 | | | | | | | | | |
| 距離標 | 区間距離 | H.W.L. | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲ-夕年 | 距離点数 |
| 14.070 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 8 |
| (X) 0.000 | 0.000 | 30.000 | 30.000 | 35.000 | 35.000 | 65.000 | 65.000 | | |
| (Y) 50.000 | 45.000 | 45.000 | 43.000 | 43.000 | 45.000 | 45.000 | 50.000 | | |

河川名:BLARCOI (計値)

| | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 距離点数 |
|-----|----------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 9.800 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 10 |
| (X) | -100.000 | -80.000 | -24.615 | -19.731 | 0.000 | 29.615 | 36.000 | 70.000 | 88.000 | 100.000 |
| (Y) | 28.000 | 25.000 | 20.000 | 18.462 | 18.500 | 16.462 | 20.000 | 20.000 | 30.000 | 34.000 |
| | 10.300 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 20 |
| (X) | -100.000 | -92.000 | -80.000 | -60.000 | -54.000 | -48.000 | -44.000 | -38.000 | -32.000 | -18.000 |
| (X) | -10.000 | 0.000 | 24.000 | 35.000 | 48.000 | 55.000 | 60.000 | 64.000 | 80.000 | 80.000 |
| (Y) | 49.000 | 45.000 | 40.000 | 35.000 | 34.000 | 33.000 | 32.000 | 31.000 | 30.000 | 25.000 |
| (Y) | 20.000 | 19.500 | 20.000 | 21.000 | 22.000 | 23.000 | 24.000 | 25.000 | 30.000 | 45.000 |
| | 10.800 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 22 |
| (X) | -100.000 | -80.000 | -82.000 | -72.000 | -62.000 | -38.000 | -25.000 | -16.000 | -14.000 | -6.000 |
| (X) | -4.000 | -3.000 | 0.000 | 3.000 | 14.000 | 22.000 | 35.000 | 38.000 | 48.000 | 70.000 |
| (X) | 86.000 | 100.000 | | | | | | | | |
| (Y) | 60.000 | 55.000 | 50.000 | 45.000 | 40.000 | 35.000 | 30.000 | 25.000 | 24.000 | 23.000 |
| (Y) | 22.000 | 21.400 | 21.400 | 21.400 | 22.000 | 23.000 | 24.000 | 25.000 | 30.000 | 35.000 |
| (Y) | 40.000 | 42.000 | | | | | | | | |
| | 11.300 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 12 |
| (X) | -50.000 | -38.000 | -26.000 | -18.000 | -10.000 | -8.000 | -6.000 | 0.000 | 20.385 | 34.615 |
| (X) | 58.846 | 80.000 | | | | | | | | |
| (Y) | 45.000 | 40.000 | 35.000 | 30.000 | 25.000 | 24.000 | 23.000 | 22.500 | 22.596 | 29.712 |
| (Y) | 34.904 | 40.000 | | | | | | | | |
| | 11.800 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 17 |
| (X) | -70.000 | -70.000 | -62.000 | -56.000 | -46.000 | -40.000 | -32.000 | -25.000 | -6.000 | -2.000 |
| (X) | 0.000 | 2.000 | 10.000 | 35.000 | 50.000 | 70.000 | 70.000 | | | |
| (Y) | 40.000 | 35.000 | 35.000 | 34.000 | 33.000 | 32.000 | 31.000 | 30.000 | 25.000 | 24.000 |
| (Y) | 24.000 | 24.000 | 25.000 | 26.000 | 30.000 | 32.000 | 35.000 | | | |
| | 12.300 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 13 |
| (X) | -100.000 | -72.000 | -66.000 | -60.000 | -32.000 | -20.000 | -12.000 | 0.000 | 20.385 | 62.000 |
| (X) | 72.000 | 88.000 | 100.000 | | | | | | | |
| (Y) | 43.000 | 42.000 | 41.000 | 40.000 | 40.000 | 35.000 | 30.000 | 27.000 | 27.923 | 33.000 |
| (Y) | 35.000 | 40.000 | 42.000 | | | | | | | |

河川名:BLARCOI (計値)

| | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 距離点数 |
|-----|----------|---------|----------|----------|----------|----------|---------|---------|---------|---------|
| | 12.800 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 24 |
| (X) | -100.000 | -90.000 | -80.000 | -72.000 | -63.000 | -60.000 | -50.000 | -43.000 | -40.000 | -36.000 |
| (X) | -32.000 | -20.000 | -4.000 | 0.000 | 4.000 | 8.000 | 14.000 | 24.000 | 28.000 | 40.000 |
| (X) | 75.000 | 95.000 | 100.000 | 100.000 | | | | | | |
| (Y) | 50.000 | 49.000 | 48.000 | 47.000 | 46.000 | 45.000 | 40.000 | 35.000 | 34.000 | 33.000 |
| (Y) | 32.000 | 31.000 | 30.500 | 30.500 | 30.500 | 35.000 | 40.000 | 45.000 | 46.000 | 47.000 |
| (Y) | 47.500 | 48.000 | 48.500 | 50.000 | | | | | | |
| | 13.070 | 270.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 21 |
| (X) | -100.000 | -90.000 | -44.000 | -36.000 | -30.000 | -24.000 | -18.000 | -14.000 | -8.000 | 0.000 |
| (X) | 4.000 | 14.000 | 18.000 | 24.000 | 30.000 | 40.000 | 46.000 | 70.000 | 73.000 | 76.000 |
| (X) | 100.000 | | | | | | | | | |
| (Y) | 48.500 | 48.000 | 47.000 | 46.000 | 45.000 | 40.000 | 35.000 | 34.000 | 33.000 | 32.000 |
| (Y) | 31.500 | 31.500 | 32.000 | 33.000 | 34.000 | 35.000 | 40.000 | 45.000 | 46.000 | 47.000 |
| (Y) | 48.000 | | | | | | | | | |
| | 13.370 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 6 |
| (X) | 0.000 | 0.000 | 6.000 | 56.000 | 62.000 | 62.000 | | | | |
| (Y) | 48.000 | 41.000 | 38.000 | 38.000 | 41.000 | 48.000 | | | | |
| | 14.070 | 500.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 6 |
| (X) | 0.000 | 0.000 | 6.000 | 56.000 | 62.000 | 62.000 | | | | |
| (Y) | 52.000 | 45.000 | 42.000 | 42.000 | 45.000 | 52.000 | | | | |

河川名:BLANCO2 (現況)

| | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 基準点数 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 16.900 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 4 |
| (X) | -100.000 | -100.000 | 100.000 | 100.000 | | | | | | |
| (Y) | 55.000 | 46.000 | 46.000 | 55.000 | | | | | | |
| | 19.700 | 800.000 | -999.000 | -999.000 | -999.000 | -999.000 | -999 | -999 | 92 | 14 |
| (X) | -120.462 | -120.462 | -113.077 | -96.462 | -86.462 | -60.585 | -36.462 | -16.846 | -6.462 | 23.539 |
| (X) | 33.539 | 39.539 | 43.539 | 43.539 | | | | | | |
| (Y) | 55.769 | 50.469 | 49.115 | 49.415 | 49.515 | 49.515 | 50.269 | 50.539 | 50.469 | 50.269 |
| (Y) | 51.469 | 53.269 | 53.269 | 51.469 | | | | | | |
| | 20.500 | 800.000 | -999.000 | -999.000 | -999.000 | -999.000 | 2 | 12 | 92 | 14 |
| (X) | -164.000 | -164.000 | -156.615 | -140.000 | -130.000 | -104.123 | -80.000 | -60.385 | -50.000 | -20.000 |
| (X) | -10.000 | -4.000 | 0.000 | 0.000 | | | | | | |
| (Y) | 60.000 | 54.700 | 53.346 | 53.646 | 53.746 | 53.746 | 54.500 | 54.789 | 54.700 | 54.500 |
| (Y) | 55.700 | 57.500 | 57.400 | 55.700 | | | | | | |
| | 21.400 | 900.000 | -999.000 | -999.000 | -999.000 | -999.000 | 7 | 11 | 92 | 16 |
| (X) | -180.000 | -180.000 | -155.000 | -150.000 | -140.000 | -130.000 | -80.000 | -77.000 | -70.000 | -51.500 |
| (X) | -47.000 | -40.000 | -20.000 | -4.500 | 0.000 | 0.000 | | | | |
| (Y) | 65.000 | 59.800 | 59.800 | 57.200 | 57.500 | 58.000 | 58.000 | 56.700 | 56.300 | 56.500 |
| (Y) | 57.700 | 57.700 | 57.500 | 61.300 | 61.330 | 65.000 | | | | |
| | 22.400 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 17 | 92 | 19 |
| (X) | -160.000 | -160.000 | -140.000 | -130.000 | -120.000 | -110.000 | -100.000 | -93.000 | -81.500 | -70.000 |
| (X) | -60.000 | -50.000 | -40.000 | -30.000 | -21.000 | -17.000 | -6.000 | 0.000 | 0.000 | |
| (Y) | 65.000 | 61.000 | 61.500 | 61.700 | 61.800 | 62.000 | 61.000 | 59.000 | 59.000 | 59.000 |
| (Y) | 59.200 | 59.500 | 60.000 | 60.600 | 61.300 | 62.300 | 66.000 | 66.040 | 70.000 | |
| | 23.450 | 1050.000 | -999.000 | -999.000 | -999.000 | -999.000 | 4 | 19 | 92 | 23 |
| (X) | -201.000 | -201.000 | -190.000 | -180.000 | -177.000 | -176.000 | -170.000 | -166.500 | -147.500 | -147.000 |
| (X) | -140.000 | -123.000 | -100.000 | -90.000 | -80.000 | -60.000 | -30.000 | -26.000 | -21.000 | -16.500 |
| (X) | -5.400 | 0.000 | 0.000 | | | | | | | |
| (Y) | 75.000 | 69.000 | 67.200 | 67.200 | 67.000 | 65.700 | 64.000 | 62.000 | 62.000 | 62.500 |
| (Y) | 64.000 | 64.000 | 64.000 | 63.800 | 63.800 | 63.000 | 63.500 | 63.600 | 67.000 | 67.000 |
| (Y) | 70.700 | 70.730 | 75.000 | | | | | | | |

河川名:BLANCO2 (現況)

| | 距離値 | 区間距離 | H W L | 左死水値 | 右死水値 | Y死水値 | 左高水値 | 右高水値 | データ年 | 基準点数 |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 24.450 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 2 | 11 | 92 | 15 |
| (X) | -129.000 | -129.000 | -124.000 | -116.000 | -101.000 | -85.000 | -81.000 | -63.000 | -40.000 | -32.000 |
| (X) | -25.500 | -17.000 | -14.000 | 0.000 | 0.000 | | | | | |
| (Y) | 80.000 | 74.700 | 73.500 | 69.700 | 68.000 | 67.000 | 66.800 | 66.800 | 67.800 | 68.000 |
| (Y) | 71.500 | 71.500 | 73.500 | 74.670 | 80.000 | | | | | |
| | 25.450 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 3 | 18 | 92 | 23 |
| (X) | -253.000 | -253.000 | -239.500 | -237.000 | -220.000 | -201.000 | -180.000 | -160.000 | -140.000 | -130.000 |
| (X) | -96.000 | -79.500 | -73.000 | -72.500 | -65.000 | -60.000 | -50.000 | -28.000 | -17.000 | -11.000 |
| (X) | -6.000 | 0.000 | 0.000 | | | | | | | |
| (Y) | 90.000 | 78.500 | 78.200 | 75.500 | 74.000 | 73.800 | 75.000 | 75.000 | 73.000 | 73.000 |
| (Y) | 72.600 | 72.600 | 73.000 | 74.500 | 74.500 | 76.000 | 76.000 | 77.700 | 77.700 | 80.500 |
| (Y) | 81.400 | 84.150 | 90.000 | | | | | | | |

河川名: BAN ROQUE (現況)

| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 標高点数 | |
|-------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| 0.000 | 0.000 | -999.000 | -999.000 | -999.000 | -999.000 | 8 | 12 | 92 | 12 | |
| (X) | -100.000 | -100.000 | -38.000 | -6.000 | 11.500 | 16.100 | 21.800 | 23.800 | 27.800 | 40.000 |
| (X) | 100.000 | 100.000 | | | | | | | | |
| (Y) | 20.000 | 9.000 | 8.200 | 8.000 | 7.800 | 7.000 | 8.000 | 9.200 | 9.300 | 9.600 |
| (Y) | 9.000 | 20.000 | | | | | | | | |
| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 標高点数 | |
| 1.000 | 1000.000 | -999.000 | -999.000 | -999.000 | -999.000 | 11 | 16 | 92 | 16 | |
| (X) | -70.000 | -70.000 | -66.000 | -60.000 | -55.100 | -40.000 | -20.000 | -11.200 | -5.100 | 5.400 |
| (X) | 11.900 | 20.500 | 33.100 | 40.000 | 130.000 | 130.000 | | | | |
| (Y) | 20.000 | 8.800 | 8.200 | 8.400 | 9.000 | 8.900 | 8.300 | 8.500 | 8.600 | 8.900 |
| (Y) | 6.000 | 8.000 | 8.000 | 8.000 | 8.000 | 20.000 | | | | |
| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 標高点数 | |
| 2.100 | 1100.000 | -999.000 | -999.000 | -999.000 | -999.000 | 8 | 12 | 92 | 15 | |
| (X) | -100.000 | -100.000 | -20.000 | -7.000 | 7.500 | 10.800 | 11.400 | 11.800 | 18.000 | 22.500 |
| (X) | 27.000 | 28.300 | 29.000 | 100.000 | 100.000 | | | | | |
| (Y) | 20.000 | 8.400 | 8.400 | 8.600 | 8.500 | 8.400 | 7.600 | 6.900 | 6.800 | 8.000 |
| (Y) | 8.400 | 9.300 | 9.300 | 9.300 | 20.000 | | | | | |
| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 標高点数 | |
| 3.200 | 1100.000 | -999.000 | -999.000 | -999.000 | -999.000 | 9 | 14 | 92 | 13 | |
| (X) | -70.000 | -70.000 | -10.800 | -6.800 | 16.200 | 17.200 | 19.000 | 31.000 | 37.500 | 39.000 |
| (X) | 49.800 | 130.000 | 130.000 | | | | | | | |
| (Y) | 20.000 | 9.500 | 9.500 | 9.500 | 9.100 | 9.000 | 7.500 | 7.400 | 8.100 | 8.900 |
| (Y) | 9.400 | 9.500 | 20.000 | | | | | | | |
| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 標高点数 | |
| 4.100 | 900.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 10 | 92 | 11 | |
| (X) | -70.000 | -70.000 | -7.000 | 5.000 | 14.100 | 17.500 | 25.500 | 33.500 | 48.800 | 130.000 |
| (X) | 130.000 | | | | | | | | | |
| (Y) | 20.000 | 10.000 | 10.000 | 10.100 | 10.000 | 8.500 | 6.800 | 6.800 | 9.600 | 10.000 |
| (Y) | 20.000 | | | | | | | | | |
| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 標高点数 | |
| 5.000 | 900.000 | -999.000 | -999.000 | -999.000 | -999.000 | 9 | 12 | 92 | 12 | |
| (X) | -60.000 | -60.000 | -20.000 | 1.500 | 41.500 | 66.000 | 93.400 | 109.000 | 130.900 | 132.000 |
| (X) | 140.000 | 140.000 | | | | | | | | |
| (Y) | 20.000 | 10.300 | 10.500 | 9.800 | 9.000 | 9.000 | 8.700 | 7.800 | 7.800 | 8.800 |
| (Y) | 11.700 | 20.000 | | | | | | | | |

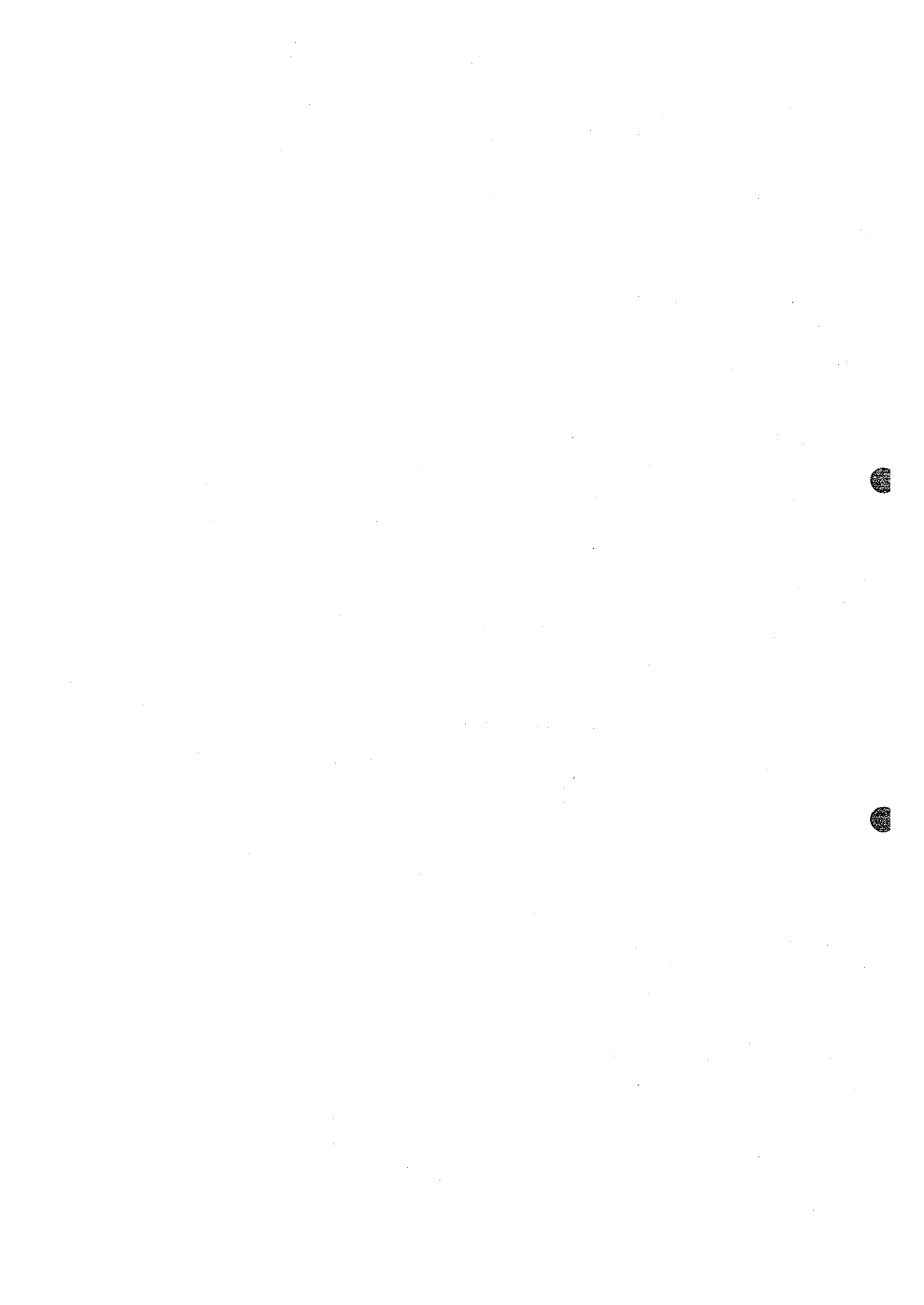
河川名: BAN ROQUE (現況)

| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 標高点数 | |
|-------|---------|----------|----------|----------|----------|--------|--------|--------|---------|---------|
| 5.700 | 700.000 | -999.000 | -999.000 | -999.000 | -999.000 | 4 | 8 | 92 | 10 | |
| (X) | -80.000 | -80.000 | -20.000 | 12.800 | 23.500 | 25.800 | 66.000 | 79.800 | 120.000 | 120.000 |
| (Y) | 20.000 | 11.500 | 12.000 | 8.400 | 8.800 | 9.100 | 12.000 | 11.500 | 11.000 | 20.000 |
| 距離標 | 区間距離 | H W L | 左死水標 | 右死水標 | Y死水標 | 左高水標 | 右高水標 | ゲータ年 | 標高点数 | |
| 6.400 | 700.000 | -999.000 | -999.000 | -999.000 | -999.000 | 6 | 9 | 92 | 11 | |
| (X) | -13.900 | -13.900 | -9.100 | -6.800 | 0.000 | 16.000 | 25.400 | 33.000 | 36.000 | 180.000 |
| (X) | 180.000 | | | | | | | | | |
| (Y) | 20.000 | 13.200 | 11.700 | 10.800 | 10.360 | 8.900 | 8.300 | 8.900 | 9.200 | 9.000 |
| (Y) | 20.000 | | | | | | | | | |

河川名: Diversion (計画)

| | 距離値 0.000 | 区間距離 1000.000 | H.W.L. -999.000 | 左死水値 -999.000 | 右死水値 -999.000 | Y死水値 -999.000 | 左高水値 3 | 右高水値 6 | ゲート 92 | 座標点数 8 |
|-----|--------------|------------------|--------------------|------------------|------------------|------------------|-----------|-----------|-----------|-----------|
| (X) | 0.000 | 0.000 | 40.000 | 43.000 | 83.000 | 86.000 | 126.000 | 126.000 | | |
| (Y) | 59.400 | 51.400 | 51.400 | 49.400 | 49.400 | 51.400 | 51.400 | 59.400 | | |
| | 距離値 1.000 | 区間距離 1000.000 | H.W.L. -99.000 | 左死水値 -999.000 | 右死水値 -999.000 | Y死水値 -999.000 | 左高水値 3 | 右高水値 6 | ゲート 92 | 座標点数 8 |
| (X) | 0.000 | 0.000 | 40.000 | 43.000 | 83.000 | 86.000 | 126.000 | 126.000 | | |
| (Y) | 62.730 | 54.730 | 54.730 | 52.730 | 52.730 | 54.730 | 54.730 | 62.730 | | |
| | 距離値 2.000 | 区間距離 1000.000 | H.W.L. -99.000 | 左死水値 -999.000 | 右死水値 -999.000 | Y死水値 -999.000 | 左高水値 3 | 右高水値 6 | ゲート 92 | 座標点数 8 |
| (X) | 0.000 | 0.000 | 40.000 | 43.000 | 83.000 | 86.000 | 126.000 | 126.000 | | |
| (Y) | 66.070 | 58.070 | 58.070 | 56.070 | 56.070 | 58.070 | 58.070 | 66.070 | | |
| | 距離値 2.600 | 区間距離 600.000 | H.W.L. -99.000 | 左死水値 -999.000 | 右死水値 -999.000 | Y死水値 -999.000 | 左高水値 3 | 右高水値 6 | ゲート 92 | 座標点数 8 |
| (X) | 0.000 | 0.000 | 40.000 | 43.000 | 83.000 | 86.000 | 126.000 | 126.000 | | |
| (Y) | 68.070 | 60.070 | 60.070 | 58.070 | 58.070 | 60.070 | 60.070 | 68.070 | | |

5.2 Results of the Non-Uniform Flow Calculation



Rio Choloma Existing Condition (F/S)

2-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (B) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|--------------|
| 11.250 | 0 | 9.50 | 222.58 | 141.5 | 0.93 | 0.0016903 |
| 11.450 | 200 | 9.82 | 210.80 | 141.5 | 0.65 | 0.0008404 |
| 11.650 | 200 | 10.07 | 201.55 | 141.5 | 0.92 | 0.0019696 |
| 11.850 | 200 | 10.52 | 203.62 | 141.5 | 0.89 | 0.0024890 |
| 12.050 | 200 | 10.97 | 225.30 | 141.5 | 0.83 | 0.0019670 |
| 12.250 | 200 | 11.31 | 217.20 | 141.5 | 0.78 | 0.0013922 |
| 12.450 | 200 | 11.72 | 138.91 | 141.5 | 1.16 | 0.0031623 |
| 12.650 | 200 | 12.58 | 208.11 | 141.5 | 1.12 | 0.0054116 |
| 12.850 | 200 | 13.44 | 227.95 | 141.5 | 0.91 | 0.0029768 |
| 13.050 | 200 | 14.01 | 232.64 | 141.5 | 0.94 | 0.0029270 |
| 13.250 | 200 | 14.69 | 220.24 | 141.5 | 1.33 | 0.0057712 |
| 13.480 | 230 | 15.69 | 247.10 | 130.4 | 0.59 | 0.0008291 |
| 13.680 | 200 | 15.94 | 233.69 | 130.4 | 0.82 | 0.0020436 |
| 13.880 | 200 | 16.41 | 236.36 | 130.4 | 1.00 | 0.0030525 |
| 14.070 | 190 | 17.03 | 213.21 | 130.4 | 1.20 | 0.0043308 |
| 14.410 | 340 | 18.26 | 187.87 | 130.4 | 1.05 | 0.0024707 |
| 14.620 | 210 | 18.83 | 212.51 | 130.4 | 1.07 | 0.0032048 |
| 14.820 | 200 | 19.35 | 114.65 | 130.4 | 1.00 | 0.0013169 |
| 15.250 | 430 | 20.74 | 160.33 | 130.4 | 1.37 | 0.0058079 |
| 15.610 | 360 | 22.13 | 228.72 | 130.4 | 0.61 | 0.0008535 |
| 15.840 | 230 | 22.63 | 159.81 | 130.4 | 1.18 | 0.0043206 |
| 16.380 | 540 | 24.28 | 230.03 | 130.4 | 0.74 | 0.0015334 |
| 16.600 | 220 | 24.78 | 212.48 | 130.4 | 1.11 | 0.0041254 |
| 17.010 | 410 | 26.50 | 194.85 | 130.4 | 1.09 | 0.0040506 |
| 17.210 | 200 | 27.10 | 149.31 | 130.4 | 1.49 | 0.0029091 |
| 17.440 | 230 | 27.80 | 133.12 | 130.4 | 1.09 | 0.0023340 |
| 18.440 | 1000 | 30.79 | 133.31 | 124.1 | 1.52 | 0.0040385 |
| 18.705 | 265 | 31.65 | 63.93 | 124.1 | 1.40 | 0.0009438 |
| 18.806 | 101 | 31.74 | 57.94 | 124.1 | 1.99 | 0.0032891 |
| 18.895 | 89 | 32.02 | 60.85 | 124.1 | 1.83 | 0.0024316 |
| 19.006 | 111 | 32.35 | 64.61 | 124.1 | 1.07 | 0.0006471 |
| 19.080 | 74 | 32.37 | 54.12 | 124.1 | 1.47 | 0.0014832 |

5-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 工率-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.250 | 0 | 10.00 | 250.00 | 378.0 | 1.39 | 0.0026942 |
| 11.450 | 200 | 10.50 | 236.08 | 378.0 | 1.00 | 0.0011811 |
| 11.650 | 200 | 10.79 | 242.28 | 378.0 | 1.19 | 0.0019300 |
| 11.850 | 200 | 11.21 | 242.29 | 378.0 | 1.19 | 0.0022723 |
| 12.050 | 200 | 11.64 | 237.95 | 378.0 | 1.16 | 0.0019958 |
| 12.250 | 200 | 12.02 | 240.85 | 378.0 | 1.10 | 0.0016720 |
| 12.450 | 200 | 12.44 | 240.56 | 378.0 | 1.40 | 0.0031661 |
| 12.650 | 200 | 13.18 | 241.37 | 378.0 | 1.41 | 0.0041232 |
| 12.850 | 200 | 13.95 | 237.37 | 378.0 | 1.38 | 0.0035732 |
| 13.050 | 200 | 14.60 | 243.81 | 378.0 | 1.30 | 0.0028801 |
| 13.250 | 200 | 15.25 | 241.46 | 378.0 | 1.59 | 0.0048734 |
| 13.480 | 230 | 16.16 | 248.27 | 348.0 | 1.04 | 0.0015769 |
| 13.680 | 200 | 16.52 | 250.00 | 348.0 | 1.16 | 0.0022238 |
| 13.880 | 200 | 16.99 | 250.00 | 348.0 | 1.27 | 0.0027771 |
| 14.070 | 190 | 17.57 | 220.00 | 348.0 | 1.53 | 0.0042363 |
| 14.410 | 340 | 18.83 | 221.39 | 348.0 | 1.45 | 0.0030433 |
| 14.620 | 210 | 19.47 | 243.95 | 348.0 | 1.27 | 0.0026366 |
| 14.820 | 200 | 19.93 | 125.77 | 348.0 | 1.75 | 0.0027313 |
| 15.250 | 430 | 21.42 | 163.27 | 348.0 | 1.69 | 0.0042272 |
| 15.610 | 360 | 22.63 | 229.54 | 348.0 | 1.06 | 0.0015761 |
| 15.840 | 230 | 23.22 | 208.76 | 348.0 | 1.59 | 0.0048125 |
| 16.380 | 540 | 25.02 | 232.00 | 348.0 | 1.00 | 0.0013240 |
| 16.600 | 220 | 25.42 | 226.98 | 348.0 | 1.34 | 0.0030919 |
| 17.010 | 410 | 26.99 | 197.92 | 348.0 | 1.60 | 0.0048247 |
| 17.210 | 200 | 27.75 | 207.26 | 348.0 | 1.61 | 0.0035491 |
| 17.440 | 230 | 28.56 | 147.66 | 348.0 | 1.52 | 0.0026356 |
| 18.440 | 1000 | 31.53 | 189.00 | 330.4 | 1.57 | 0.0034985 |
| 18.705 | 265 | 32.18 | 128.91 | 330.4 | 2.30 | 0.0029388 |
| 18.806 | 101 | 32.56 | 172.81 | 330.4 | 2.15 | 0.0040892 |
| 18.895 | 89 | 32.86 | 130.45 | 330.4 | 2.29 | 0.0036698 |
| 19.006 | 111 | 33.46 | 164.00 | 330.4 | 1.49 | 0.0008926 |
| 19.080 | 74 | 33.43 | 67.92 | 330.4 | 2.24 | 0.0019491 |

10-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 工率分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|--------------|
| 11.250 | 0 | 10.00 | 250.00 | 528.9 | 1.95 | 0.0052747 |
| 11.450 | 200 | 10.91 | 240.07 | 528.9 | 1.12 | 0.0011134 |
| 11.650 | 200 | 11.17 | 244.92 | 528.9 | 1.28 | 0.0017168 |
| 11.850 | 200 | 11.55 | 245.21 | 528.9 | 1.32 | 0.0021199 |
| 12.050 | 200 | 11.97 | 243.76 | 528.9 | 1.30 | 0.0020107 |
| 12.250 | 200 | 12.35 | 247.69 | 528.9 | 1.24 | 0.0017248 |
| 12.450 | 200 | 12.76 | 243.35 | 528.9 | 1.52 | 0.0029880 |
| 12.650 | 200 | 13.46 | 243.95 | 528.9 | 1.58 | 0.0039416 |
| 12.850 | 200 | 14.21 | 240.25 | 528.9 | 1.57 | 0.0036580 |
| 13.050 | 200 | 14.87 | 246.75 | 528.9 | 1.48 | 0.0029197 |
| 13.250 | 200 | 15.52 | 249.11 | 528.9 | 1.73 | 0.0046593 |
| 13.480 | 230 | 16.42 | 248.93 | 485.8 | 1.21 | 0.0017529 |
| 13.680 | 200 | 16.80 | 250.00 | 485.8 | 1.31 | 0.0022242 |
| 13.880 | 200 | 17.26 | 250.00 | 485.8 | 1.41 | 0.0027126 |
| 14.070 | 190 | 17.83 | 220.00 | 485.8 | 1.71 | 0.0041864 |
| 14.410 | 340 | 19.09 | 226.71 | 485.8 | 1.63 | 0.0031618 |
| 14.620 | 210 | 19.76 | 249.80 | 485.8 | 1.41 | 0.0025915 |
| 14.820 | 200 | 20.21 | 162.53 | 485.8 | 2.03 | 0.0036958 |
| 15.250 | 430 | 21.84 | 164.28 | 485.8 | 1.77 | 0.0033605 |
| 15.610 | 360 | 22.90 | 229.99 | 485.8 | 1.25 | 0.0017562 |
| 15.840 | 230 | 23.50 | 230.00 | 485.8 | 1.73 | 0.0047426 |
| 16.380 | 540 | 25.31 | 232.00 | 485.8 | 1.17 | 0.0014373 |
| 16.600 | 220 | 25.71 | 228.39 | 485.8 | 1.49 | 0.0029292 |
| 17.010 | 410 | 27.24 | 198.80 | 485.8 | 1.81 | 0.0048825 |
| 17.210 | 200 | 28.03 | 207.92 | 485.8 | 1.77 | 0.0036378 |
| 17.440 | 230 | 28.87 | 164.20 | 485.8 | 1.75 | 0.0031134 |
| 18.440 | 1000 | 31.91 | 180.00 | 459.9 | 1.65 | 0.0029874 |
| 18.705 | 265 | 32.41 | 130.03 | 459.9 | 2.67 | 0.0039759 |
| 18.806 | 101 | 33.08 | 185.22 | 459.9 | 1.85 | 0.0026934 |
| 18.895 | 89 | 32.93 | 144.85 | 459.9 | 2.98 | 0.0063387 |
| 19.006 | 111 | 34.06 | 173.92 | 459.9 | 1.42 | 0.0007723 |
| 19.080 | 74 | 33.96 | 87.80 | 459.9 | 2.44 | 0.0019866 |

30-year Flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.250 | 0 | 11.00 | 250.00 | 711.2 | 1.36 | 0.0013281 |
| 11.450 | 200 | 11.29 | 246.57 | 711.2 | 1.26 | 0.0011692 |
| 11.650 | 200 | 11.54 | 247.53 | 711.2 | 1.41 | 0.0016445 |
| 11.850 | 200 | 11.91 | 248.83 | 711.2 | 1.45 | 0.0020340 |
| 12.050 | 200 | 12.31 | 249.41 | 711.2 | 1.45 | 0.0019971 |
| 12.250 | 200 | 12.70 | 250.00 | 711.2 | 1.39 | 0.0017294 |
| 12.450 | 200 | 13.09 | 245.91 | 711.2 | 1.66 | 0.0028552 |
| 12.650 | 200 | 13.76 | 250.00 | 711.2 | 1.74 | 0.0037975 |
| 12.850 | 200 | 14.49 | 244.33 | 711.2 | 1.76 | 0.0036859 |
| 13.050 | 200 | 15.17 | 250.00 | 711.2 | 1.65 | 0.0029510 |
| 13.250 | 200 | 15.80 | 250.00 | 711.2 | 1.89 | 0.0044267 |
| 13.480 | 230 | 16.69 | 249.60 | 651.3 | 1.39 | 0.0019187 |
| 13.680 | 200 | 17.09 | 250.00 | 651.3 | 1.47 | 0.0022503 |
| 13.880 | 200 | 17.55 | 250.00 | 651.3 | 1.57 | 0.0026672 |
| 14.070 | 190 | 18.10 | 220.00 | 651.3 | 1.90 | 0.0041436 |
| 14.410 | 340 | 19.37 | 228.20 | 651.3 | 1.81 | 0.0032334 |
| 14.620 | 210 | 20.05 | 250.00 | 651.3 | 1.56 | 0.0025551 |
| 14.820 | 200 | 20.47 | 223.50 | 651.3 | 2.22 | 0.0045263 |
| 15.250 | 430 | 22.31 | 227.60 | 651.3 | 1.79 | 0.0030076 |
| 15.610 | 360 | 23.29 | 230.00 | 651.3 | 1.36 | 0.0016061 |
| 15.840 | 230 | 23.81 | 230.00 | 651.3 | 1.85 | 0.0041789 |
| 16.380 | 540 | 25.54 | 232.00 | 651.3 | 1.39 | 0.0017631 |
| 16.600 | 220 | 25.99 | 229.03 | 651.3 | 1.67 | 0.0030244 |
| 17.010 | 410 | 27.52 | 198.80 | 651.3 | 2.02 | 0.0048394 |
| 17.210 | 200 | 28.32 | 208.59 | 651.3 | 1.94 | 0.0037224 |
| 17.440 | 230 | 29.18 | 171.91 | 651.3 | 1.98 | 0.0034132 |
| 18.440 | 1,000 | 32.29 | 180.00 | 614.1 | 1.77 | 0.0027281 |
| 18.705 | 265 | 32.68 | 131.42 | 614.1 | 2.94 | 0.0046524 |
| 18.806 | 101 | 33.56 | 188.04 | 614.1 | 1.81 | 0.0021171 |
| 18.895 | 89 | 33.51 | 179.93 | 614.1 | 2.40 | 0.0040214 |
| 19.006 | 111 | 34.18 | 174.91 | 614.1 | 1.79 | 0.0011926 |
| 19.080 | 74 | 33.95 | 87.66 | 614.1 | 3.27 | 0.0035644 |

50-year Flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 泥沙-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.250 | 0 | 12.00 | 250.00 | 787.7 | 1.02 | 0.0004712 |
| 11.450 | 200 | 12.11 | 250.00 | 787.7 | 1.02 | 0.0005307 |
| 11.650 | 200 | 12.22 | 250.00 | 787.7 | 1.17 | 0.0008047 |
| 11.850 | 200 | 12.41 | 250.00 | 787.7 | 1.28 | 0.0011984 |
| 12.050 | 200 | 12.66 | 249.44 | 787.7 | 1.37 | 0.0014494 |
| 12.250 | 200 | 12.95 | 250.00 | 787.7 | 1.37 | 0.0014601 |
| 12.450 | 200 | 13.29 | 250.00 | 787.7 | 1.65 | 0.0025477 |
| 12.650 | 200 | 13.89 | 250.00 | 787.7 | 1.78 | 0.0036122 |
| 12.850 | 200 | 14.60 | 244.93 | 787.7 | 1.83 | 0.0036938 |
| 13.050 | 200 | 15.28 | 250.00 | 787.7 | 1.72 | 0.0029602 |
| 13.250 | 200 | 15.91 | 250.00 | 787.7 | 1.96 | 0.0043672 |
| 13.480 | 230 | 16.80 | 249.86 | 720.8 | 1.46 | 0.0019675 |
| 13.680 | 200 | 17.20 | 250.00 | 720.8 | 1.53 | 0.0022592 |
| 13.880 | 200 | 17.67 | 250.00 | 720.8 | 1.62 | 0.0026538 |
| 14.070 | 190 | 18.20 | 220.00 | 720.8 | 1.97 | 0.0041300 |
| 14.410 | 340 | 19.47 | 228.77 | 720.8 | 1.87 | 0.0032544 |
| 14.620 | 210 | 20.16 | 250.00 | 720.8 | 1.62 | 0.0025460 |
| 14.820 | 200 | 20.58 | 223.75 | 720.8 | 2.27 | 0.0045111 |
| 15.250 | 430 | 22.42 | 238.00 | 720.8 | 1.84 | 0.0030722 |
| 15.610 | 360 | 23.42 | 230.00 | 720.8 | 1.41 | 0.0016057 |
| 15.840 | 230 | 23.93 | 230.00 | 720.8 | 1.90 | 0.0040412 |
| 16.380 | 540 | 25.64 | 232.00 | 720.8 | 1.47 | 0.0018479 |
| 16.600 | 220 | 26.10 | 229.30 | 720.8 | 1.74 | 0.0030317 |
| 17.010 | 410 | 27.63 | 198.80 | 720.8 | 2.10 | 0.0048358 |
| 17.210 | 200 | 28.43 | 208.85 | 720.8 | 2.01 | 0.0037413 |
| 17.440 | 230 | 29.29 | 174.83 | 720.8 | 2.06 | 0.0035195 |
| 18.440 | 1000 | 32.43 | 180.00 | 678.9 | 1.82 | 0.0026492 |
| 18.705 | 265 | 32.80 | 131.99 | 678.9 | 3.03 | 0.0048367 |
| 18.806 | 101 | 33.74 | 189.06 | 678.9 | 1.83 | 0.0020028 |
| 18.895 | 89 | 33.72 | 181.17 | 678.9 | 2.32 | 0.0035228 |
| 19.006 | 111 | 34.27 | 175.68 | 678.9 | 1.89 | 0.0013069 |
| 19.080 | 74 | 33.97 | 88.09 | 678.9 | 3.59 | 0.0042739 |

100-year Flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 冲刷-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.250 | 0 | 12.00 | 250.00 | 888.3 | 1.15 | 0.0005992 |
| 11.450 | 200 | 12.14 | 250.00 | 888.3 | 1.14 | 0.0006547 |
| 11.650 | 200 | 12.27 | 250.00 | 888.3 | 1.29 | 0.0009596 |
| 11.850 | 200 | 12.50 | 250.00 | 888.3 | 1.40 | 0.0013603 |
| 12.050 | 200 | 12.78 | 249.44 | 888.3 | 1.47 | 0.0015706 |
| 12.250 | 200 | 13.09 | 250.00 | 888.3 | 1.46 | 0.0015363 |
| 12.450 | 200 | 13.43 | 250.00 | 888.3 | 1.73 | 0.0025681 |
| 12.650 | 200 | 14.03 | 250.00 | 888.3 | 1.86 | 0.0035568 |
| 12.850 | 200 | 14.73 | 247.00 | 888.3 | 1.91 | 0.0037140 |
| 13.050 | 200 | 15.42 | 250.00 | 888.3 | 1.80 | 0.0029609 |
| 13.250 | 200 | 16.05 | 250.00 | 888.3 | 2.04 | 0.0042989 |
| 13.480 | 230 | 16.93 | 250.00 | 812.2 | 1.54 | 0.0020190 |
| 13.680 | 200 | 17.35 | 250.00 | 812.2 | 1.60 | 0.0022703 |
| 13.880 | 200 | 17.81 | 250.00 | 812.2 | 1.69 | 0.0026388 |
| 14.070 | 190 | 18.34 | 220.00 | 812.2 | 2.05 | 0.0041146 |
| 14.410 | 340 | 19.61 | 229.50 | 812.2 | 1.95 | 0.0032746 |
| 14.620 | 210 | 20.30 | 250.00 | 812.2 | 1.69 | 0.0025388 |
| 14.820 | 200 | 20.71 | 224.07 | 812.2 | 2.34 | 0.0044861 |
| 15.250 | 430 | 22.56 | 238.00 | 812.2 | 1.92 | 0.0031118 |
| 15.610 | 360 | 23.57 | 230.00 | 812.2 | 1.49 | 0.0016377 |
| 15.840 | 230 | 24.07 | 230.00 | 812.2 | 1.97 | 0.0039296 |
| 16.380 | 540 | 25.77 | 232.00 | 812.2 | 1.55 | 0.0019272 |
| 16.600 | 220 | 26.24 | 229.30 | 812.2 | 1.82 | 0.0030261 |
| 17.010 | 410 | 27.76 | 198.80 | 812.2 | 2.20 | 0.0048388 |
| 17.210 | 200 | 28.57 | 209.00 | 812.2 | 2.09 | 0.0037590 |
| 17.440 | 230 | 29.44 | 178.45 | 812.2 | 2.16 | 0.0036438 |
| 18.440 | 1000 | 32.62 | 180.00 | 764.1 | 1.88 | 0.0025655 |
| 18.705 | 265 | 32.94 | 132.71 | 764.1 | 3.14 | 0.0050136 |
| 18.806 | 101 | 33.95 | 190.28 | 764.1 | 1.86 | 0.0019048 |
| 18.895 | 89 | 33.94 | 182.56 | 764.1 | 2.29 | 0.0031695 |
| 19.006 | 111 | 34.41 | 176.90 | 764.1 | 1.99 | 0.0014000 |
| 19.080 | 74 | 33.99 | 88.64 | 764.1 | 4.00 | 0.0052854 |

SEFSEXUP.

Rio Choloma Existing Condition (F/S) (Upstream of the Choloma Bridge)

2-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | I _水 -I _地 勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---|
| 19.080 | 0 | 32.37 | 54.11 | 124.1 | 1.47 | 0.0014890 |
| 19.280 | 200 | 32.99 | 116.57 | 112.7 | 1.48 | 0.0047627 |
| 19.480 | 200 | 33.96 | 78.32 | 112.7 | 1.81 | 0.0055013 |
| 19.680 | 200 | 34.89 | 159.70 | 112.7 | 1.10 | 0.0026700 |

5-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | I _水 -I _地 勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---|
| 19.080 | 0 | 33.43 | 67.84 | 330.4 | 2.25 | 0.0019578 |
| 19.280 | 200 | 33.98 | 175.21 | 299.5 | 1.35 | 0.0016492 |
| 19.480 | 200 | 34.58 | 105.23 | 299.5 | 2.56 | 0.0070375 |
| 19.680 | 200 | 35.71 | 247.57 | 299.5 | 1.09 | 0.0012818 |

10-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | I _水 -I _地 勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---|
| 19.080 | 0 | 33.96 | 87.91 | 459.9 | 2.44 | 0.0019775 |
| 19.280 | 200 | 34.57 | 278.93 | 416.0 | 1.14 | 0.0011354 |
| 19.480 | 200 | 34.97 | 128.61 | 416.0 | 2.55 | 0.0058521 |
| 19.680 | 200 | 35.96 | 248.81 | 416.0 | 1.24 | 0.0012668 |

30-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | I _水 -I _地 勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---|
| 19.080 | 0 | 33.95 | 87.64 | 614.1 | 3.27 | 0.0035668 |
| 19.280 | 200 | 34.98 | 287.80 | 553.9 | 1.16 | 0.0008329 |
| 19.480 | 200 | 35.43 | 225.34 | 553.9 | 2.30 | 0.0059324 |
| 19.680 | 200 | 36.33 | 250.63 | 553.9 | 1.30 | 0.0010215 |

50-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | I _水 -I _地 勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---|
| 19.080 | 0 | 33.97 | 88.17 | 678.9 | 3.58 | 0.0042599 |
| 19.280 | 200 | 35.19 | 292.40 | 611.9 | 1.13 | 0.0006938 |
| 19.480 | 200 | 35.58 | 251.34 | 611.9 | 2.21 | 0.0052658 |
| 19.680 | 200 | 36.39 | 250.92 | 611.9 | 1.39 | 0.0011160 |

100-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | I _水 -I _地 勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---|
| 19.080 | 0 | 33.99 | 88.69 | 764.1 | 4.00 | 0.0052741 |
| 19.280 | 200 | 35.49 | 299.05 | 688.1 | 1.09 | 0.0005388 |
| 19.480 | 200 | 35.82 | 304.99 | 688.1 | 2.01 | 0.0042859 |
| 19.680 | 200 | 36.47 | 251.34 | 688.1 | 1.49 | 0.0012108 |

RIO CHOLOMA : LONG TERM PLAN (2-YEAR FLOOD)

*** 不 等 流 計 算 書 ***

頁: 1

[T I T L E] Rio Choloma ALT.2 [ケース番号] 1

[河 川 名] Rio Choloma [計画・現況・想定 区分] 計画 [計算方法] (下流から計算)

Table with 15 columns: No. BL, 距離 (Km), 区間距離 (m), 水位 (R), 河幅 (B), 河横 (A), 保深 (R), 相対係数 (n), 流量 (Q), 流速 (V), Froude数 (Fr), 444'-勾配 (Ia), 修正係数 (a), H.W.L. (m), H.W.L.-H (m). Rows 1-44.

- do - : - do - (5-YEAR FLOOD)

*** 不 等 流 計 算 書 ***

頁: 2

[T I T L E] Rio Choloma ALT.2 [ケース番号] 2

[河 川 名] Rio Choloma [計画・現況・想定 区分] 計画 [計算方法] (下流から計算)

Table with 15 columns: No. BL, 距離 (Km), 区間距離 (m), 水位 (R), 河幅 (B), 河横 (A), 保深 (R), 相対係数 (n), 流量 (Q), 流速 (V), Froude数 (Fr), 444'-勾配 (Ia), 修正係数 (a), H.W.L. (m), H.W.L.-H (m). Rows 1-44.

RIO CHOLOMA: LONG TERM PLAN (10-YEAR FLOOD)

*** 不 等 流 計 算 書 ***

[T I T L E] Rio Choloma ALT.2 [ケース番号] 3

[河 川 名] Rio Choloma [計画・現況・測定 区分] 計画 [計算方法] (下流から計算)

| No. BL | 距離 (Km) | 区間距離 (m) | 水位 (R) | 河 欄 (B) | 河 渠 (A) | 深 淵 (R) | 相対係数 (n) | 流量 (Q) | 流速 (V) | F ₁₀ -f ₀ 数 (Fr) | 1:44'-勾配 (I ₀) | 修正係数 (α) | H W L (m) | HWL-H (m) |
|--------|---------|----------|--------|---------|---------|---------|----------|--------|--------|--|----------------------------|----------|-----------|-----------|
| | | | | | | | | | | | | | | |
| 1 | 10.750 | 0.00 | 9.650 | 236.07 | 520.09 | 2.557 | 0.0373 | 972.00 | 1.8689 | 0.3734 | 0.0013886 | 1.4903 | | |
| 2 | 11.250 | 500.00 | 10.361 | 156.16 | 314.94 | 2.345 | 0.0381 | 528.90 | 1.6794 | 0.3503 | 0.0013167 | 1.6058 | | |
| 3 | 11.450 | 200.00 | 10.605 | 154.45 | 270.57 | 2.132 | 0.0376 | 528.90 | 1.9548 | 0.4276 | 0.0019665 | 1.6160 | | |
| 4 | 11.650 | 200.00 | 10.988 | 153.57 | 247.86 | 2.029 | 0.0373 | 528.90 | 2.1339 | 0.4785 | 0.0024592 | 1.6149 | | |
| 5 | 11.850 | 200.00 | 11.476 | 153.32 | 241.52 | 2.002 | 0.0372 | 528.90 | 2.1899 | 0.4944 | 0.0026230 | 1.6132 | | |
| 6 | 12.050 | 200.00 | 12.001 | 153.28 | 240.64 | 1.998 | 0.0371 | 528.90 | 2.1979 | 0.4957 | 0.0026483 | 1.6133 | | |
| 7 | 12.250 | 200.00 | 12.530 | 153.28 | 240.60 | 1.998 | 0.0371 | 528.90 | 2.1983 | 0.4956 | 0.0026487 | 1.6129 | | |
| 8 | 12.440 | 190.00 | 13.034 | 153.30 | 241.14 | 2.000 | 0.0371 | 528.90 | 2.1934 | 0.4854 | 0.0026340 | 1.6131 | | |
| 9 | 12.440 | 200.00 | 13.560 | 153.28 | 240.59 | 1.998 | 0.0371 | 528.90 | 2.1983 | 0.4956 | 0.0026488 | 1.6128 | | |
| 10 | 12.840 | 200.00 | 14.090 | 153.28 | 240.55 | 1.998 | 0.0371 | 528.90 | 2.1987 | 0.4969 | 0.0026505 | 1.6131 | | |
| 11 | 13.040 | 200.00 | 14.620 | 153.28 | 240.56 | 1.998 | 0.0371 | 528.90 | 2.1986 | 0.4969 | 0.0026499 | 1.6130 | | |
| 12 | 13.240 | 200.00 | 15.150 | 153.28 | 240.56 | 1.998 | 0.0371 | 528.90 | 2.1986 | 0.4969 | 0.0026496 | 1.6128 | | |
| 13 | 13.440 | 200.00 | 15.680 | 153.28 | 240.53 | 1.998 | 0.0371 | 528.90 | 2.1989 | 0.4970 | 0.0026507 | 1.6130 | | |
| 14 | 13.630 | 190.00 | 16.155 | 142.17 | 185.35 | 1.776 | 0.0370 | 485.80 | 1.6209 | 0.6283 | 0.0043776 | 1.6846 | | |
| 15 | 13.810 | 180.00 | 16.971 | 143.35 | 213.40 | 1.895 | 0.0376 | 485.80 | 2.2765 | 0.5282 | 0.0031209 | 1.6973 | | |
| 16 | 13.970 | 160.00 | 17.456 | 142.90 | 202.63 | 1.847 | 0.0374 | 485.80 | 2.3975 | 0.5635 | 0.0035423 | 1.6953 | | |
| 17 | 14.210 | 240.00 | 18.306 | 143.01 | 205.41 | 1.859 | 0.0374 | 485.80 | 2.3651 | 0.5541 | 0.0034284 | 1.6966 | | |
| 18 | 14.270 | 60.00 | 18.507 | 142.96 | 204.18 | 1.854 | 0.0374 | 485.80 | 2.3792 | 0.5582 | 0.0034785 | 1.6963 | | |
| 19 | 14.480 | 210.00 | 19.238 | 143.03 | 205.76 | 1.861 | 0.0374 | 485.80 | 2.3610 | 0.5529 | 0.0034129 | 1.6962 | | |
| 20 | 14.670 | 190.00 | 19.885 | 142.95 | 203.85 | 1.852 | 0.0374 | 485.80 | 2.3830 | 0.5593 | 0.0034913 | 1.6960 | | |
| 21 | 14.875 | 205.00 | 20.493 | 131.34 | 141.66 | 2.060 | 0.0353 | 485.80 | 3.4294 | 0.7633 | 0.0059945 | 1.5773 | | |
| 22 | 15.035 | 160.00 | 21.507 | 134.06 | 201.90 | 2.156 | 0.0364 | 485.80 | 2.4062 | 0.5235 | 0.0027486 | 1.5840 | | |
| 23 | 15.260 | 225.00 | 22.110 | 133.00 | 178.23 | 2.087 | 0.0359 | 485.80 | 2.7257 | 0.6027 | 0.0039798 | 1.5276 | | |
| 24 | 15.390 | 130.00 | 22.587 | 133.16 | 181.79 | 2.096 | 0.0360 | 485.80 | 2.6724 | 0.5897 | 0.0034516 | 1.5379 | | |
| 25 | 15.610 | 220.00 | 23.346 | 133.16 | 181.69 | 2.096 | 0.0360 | 485.80 | 2.6738 | 0.5900 | 0.0034542 | 1.5369 | | |
| 26 | 15.740 | 130.00 | 23.794 | 133.14 | 181.46 | 2.095 | 0.0360 | 485.80 | 2.6773 | 0.5909 | 0.0034656 | 1.5373 | | |
| 27 | 15.990 | 250.00 | 24.661 | 133.12 | 180.99 | 2.094 | 0.0360 | 485.80 | 2.6842 | 0.5925 | 0.0034825 | 1.5349 | | |
| 28 | 16.190 | 200.00 | 25.358 | 133.17 | 182.01 | 2.097 | 0.0360 | 485.80 | 2.6692 | 0.5888 | 0.0034415 | 1.5378 | | |
| 29 | 16.390 | 200.00 | 26.046 | 133.16 | 181.73 | 2.096 | 0.0360 | 485.80 | 2.6732 | 0.5898 | 0.0034524 | 1.5370 | | |
| 30 | 16.550 | 160.00 | 26.595 | 133.09 | 180.31 | 2.092 | 0.0360 | 485.80 | 2.6943 | 0.5951 | 0.0035123 | 1.5340 | | |
| 31 | 16.750 | 200.00 | 27.300 | 133.18 | 182.25 | 2.096 | 0.0360 | 485.80 | 2.6656 | 0.5881 | 0.0034345 | 1.5399 | | |
| 32 | 16.960 | 210.00 | 28.020 | 133.12 | 180.95 | 2.094 | 0.0360 | 485.80 | 2.6847 | 0.5927 | 0.0034849 | 1.5353 | | |
| 33 | 17.160 | 200.00 | 28.726 | 132.49 | 167.06 | 2.066 | 0.0357 | 459.90 | 2.7529 | 0.6118 | 0.0036779 | 1.4878 | | |
| 34 | 17.320 | 160.00 | 29.394 | 132.00 | 156.21 | 2.054 | 0.0355 | 459.90 | 2.9442 | 0.6562 | 0.0041343 | 1.4408 | | |
| 35 | 17.550 | 230.00 | 30.259 | 132.22 | 160.93 | 2.059 | 0.0356 | 459.90 | 2.8577 | 0.6362 | 0.0039572 | 1.4615 | | |
| 36 | 17.715 | 165.00 | 30.910 | 132.16 | 159.65 | 2.057 | 0.0356 | 459.90 | 2.8807 | 0.6417 | 0.0040224 | 1.4570 | | |
| 37 | 17.815 | 100.00 | 31.306 | 132.08 | 157.81 | 2.055 | 0.0356 | 459.90 | 2.9142 | 0.6494 | 0.0041136 | 1.4494 | | |
| 38 | 17.905 | 90.00 | 31.686 | 132.19 | 160.43 | 2.058 | 0.0356 | 459.90 | 2.8668 | 0.6384 | 0.0039839 | 1.4601 | | |
| 39 | 17.995 | 90.00 | 32.043 | 132.18 | 160.12 | 2.058 | 0.0356 | 459.90 | 2.8722 | 0.6395 | 0.0039963 | 1.4578 | | |
| 40 | 18.105 | 110.00 | 32.476 | 132.07 | 157.78 | 2.056 | 0.0356 | 459.90 | 2.9149 | 0.6494 | 0.0041123 | 1.4473 | | |
| 41 | 18.185 | 80.00 | 32.895 | 132.51 | 153.16 | 1.847 | 0.0363 | 459.90 | 3.3810 | 0.5936 | 0.0032898 | 1.7419 | | |
| 42 | 18.395 | 210.00 | 33.580 | 132.38 | 178.82 | 1.693 | 0.0360 | 459.90 | 3.5718 | 0.6313 | 0.0047358 | 1.8045 | | |
| 43 | 18.605 | 210.00 | 34.505 | 132.34 | 177.58 | 1.511 | 0.0367 | 459.90 | 2.1167 | 0.3501 | 0.0034730 | 2.1599 | | |
| 44 | 18.815 | 210.00 | 35.196 | 300.00 | 171.36 | 1.610 | 0.0358 | 459.90 | 2.6839 | 0.6757 | 0.0048804 | 1.8492 | | |

- do -

(30-YEAR FLOOD)

*** 不 等 流 計 算 書 ***

[T I T L E] Rio Choloma ALT.2 [ケース番号] 4

[河 川 名] Rio Choloma [計画・現況・測定 区分] 計画 [計算方法] (下流から計算)

| No. BL | 距離 (Km) | 区間距離 (m) | 水位 (R) | 河 欄 (B) | 河 渠 (A) | 深 淵 (R) | 相対係数 (n) | 流量 (Q) | 流速 (V) | F ₁₀ -f ₀ 数 (Fr) | 1:44'-勾配 (I ₀) | 修正係数 (α) | H W L (m) | HWL-H (m) |
|--------|---------|----------|--------|---------|---------|---------|----------|---------|--------|--|----------------------------|----------|-----------|-----------|
| | | | | | | | | | | | | | | |
| 1 | 10.750 | 0.00 | 10.183 | 239.27 | 646.77 | 2.992 | 0.0379 | 1319.00 | 2.0394 | 0.3766 | 0.0013889 | 1.4770 | | |
| 2 | 11.250 | 500.00 | 10.898 | 159.39 | 399.76 | 2.771 | 0.0390 | 711.20 | 1.7791 | 0.3414 | 0.0012341 | 1.5730 | | |
| 3 | 11.450 | 200.00 | 11.119 | 157.54 | 350.81 | 2.523 | 0.0385 | 711.20 | 2.0273 | 0.4077 | 0.0017751 | 1.5926 | | |
| 4 | 11.650 | 200.00 | 11.455 | 156.37 | 320.28 | 2.371 | 0.0382 | 711.20 | 2.2205 | 0.4607 | 0.0022754 | 1.6040 | | |
| 5 | 11.850 | 200.00 | 11.901 | 155.85 | 307.12 | 2.306 | 0.0380 | 711.20 | 2.3157 | 0.4871 | 0.0025473 | 1.6084 | | |
| 6 | 12.050 | 200.00 | 12.407 | 155.70 | 303.50 | 2.289 | 0.0380 | 711.20 | 2.3434 | 0.4948 | 0.0026293 | 1.6095 | | |
| 7 | 12.250 | 200.00 | 12.933 | 155.70 | 302.76 | 2.285 | 0.0380 | 711.20 | 2.3491 | 0.4964 | 0.0026462 | 1.6096 | | |
| 8 | 12.440 | 190.00 | 13.436 | 155.72 | 303.27 | 2.288 | 0.0380 | 711.20 | 2.3451 | 0.4953 | 0.0026342 | 1.6094 | | |
| 9 | 12.640 | 200.00 | 13.962 | 155.69 | 302.72 | 2.285 | 0.0380 | 711.20 | 2.3493 | 0.4965 | 0.0026470 | 1.6096 | | |
| 10 | 12.840 | 200.00 | 14.492 | 155.69 | 302.63 | 2.284 | 0.0380 | 711.20 | 2.3501 | 0.4967 | 0.0026496 | 1.6097 | | |
| 11 | 13.040 | 200.00 | 15.022 | 155.69 | 302.62 | 2.284 | 0.0380 | 711.20 | 2.3502 | 0.4967 | 0.0026496 | 1.6097 | | |
| 12 | 13.240 | 200.00 | 15.552 | 155.69 | 302.59 | 2.284 | 0.0380 | 711.20 | 2.3504 | 0.4968 | 0.0026501 | 1.6096 | | |
| 13 | 13.440 | 200.00 | 16.081 | 155.69 | 302.58 | 2.284 | 0.0380 | 711.20 | 2.3504 | 0.4968 | 0.0026504 | 1.6096 | | |
| 14 | 13.630 | 190.00 | 16.550 | 144.54 | 241.91 | 2.031 | 0.0381 | 651.30 | 2.6923 | 0.6034 | 0.0040868 | 1.6916 | | |
| 15 | 13.810 | 180.00 | 17.312 | 145.39 | 262.56 | 2.135 | 0.0384 | 651.30 | 2.4606 | 0.5423 | 0.0031017 | 1.6819 | | |
| 16 | 13.970 | 160.00 | 17.831 | 145.14 | 256.57 | 2.105 | 0.0383 | 651.30 | 2.5385 | 0.5589 | 0.0035076 | 1.6850 | | |
| 17 | 14.210 | 240.00 | 18.673 | 145.22 | 258.32 | 2.114 | 0.0383 | 651.30 | 2.5213 | 0.5539 | 0.0034456 | 1.6841 | | |
| 18 | 14.270 | 60.00 | 18.876 | 145.18 | 257.39 | 2.109 | 0.0383 | 651.30 | 2.5304 | 0.5566 | 0.0034787 | 1.6846 | | |
| 19 | 14.480 | 210.00 | 19.608 | 145.25 | 259.12 | 2.118 | 0.0384 | 651.30 | 2.5135 | 0.5517 | 0.0034182 | 1.6838 | | |
| 20 | 14.670 | 190.00 | 20.256 | 145.17 | 257.30 | 2.109 | 0.0383 | 651.30 | 2.5313 | 0.5568 | 0.0034815 | 1.6846 | | |
| 21 | 14.875 | 205.00 | 20.790 | 133.12 | 180.95 | 2.093 | 0.0360 | 651.30 | 3.5994 | 0.7947 | 0.0062653 | 1.5356 | | |
| 22 | 15.035 | 160.00 | 22.022 | 137.15 | 217.66 | 2.458 | 0.0375 | 651.30 | 2.3975 | 0.4885 | 0.0024326 | 1.6359 | | |
| 23 | 15.260 | 225.00 | 22.529 | 135.52 | 234.56 | 2.285 | 0.0369 | 651.30 | 2.7767 | 0.5868 | 0.0034901 | 1.6223 | | |
| 24 | 15.390 | 130.00 | 22.986 | 135.55 | 235.41 | 2.289 | 0.0369 | 651.30 | 2.7667 | 0.5842 | 0.0034605 | 1.6231 | | |
| 25 | 15.610 | 220.00 | 23.748 | 135.57 | 235.66 | 2.290 | 0.0369 | 651.30 | 2.7637 | 0.5834 | 0.0034510 | 1.6230 | | |
| 26 | 15.740 | 130.00 | 24.195 | 135.55 | 235.35 | 2.288 | 0.0369 | 651.30 | 2.7674 | 0.5844 | 0.0034630 | 1.6232 | | |
| 27 | 15.990 | 250.00 | 25.060 | 135.52 | 234.71 | 2.286 | 0.0369 | 651.30 | 2.7750 | 0.5863 | 0.0034847 | 1.6223 | | |
| 28 | 16.190 | 200.00 | 25.759 | 135.58 | 235.90 | 2.291 | 0.0369 | 651.30 | 2.7609 | 0.5827 | 0.0034425 | 1.6232 | | |
| 29 | 16.390 | 200.00 | 26.448 | 135.57 | 235.66 | 2.290 | 0.0369 | 651.30 | 2.7637 | 0.5834 | 0.0034510 | 1.6230 | | |
| 30 | 16.550 | 160.00 | 26.996 | 135.50 | | | | | | | | | | |

RIO CHOLOMA: LONG TERM PLAN (50-YEAR FLOOD)

*** 不 等 流 計 算 書 ***

【T T I R】Rio Choloma ALT.2 【ケース番号】 5

【河川名】 Rio Choloma 【計画・現況・暫定区分】 計画 【計算方法】 (下流から計算)

| No. BL | 距離 | 区間距離 | 水位 | | | 河幅 (R) | 河深 (n) | 流量 (Q) | 流速 (V) | フルド数 (Fr) | スリット勾配補正係数 | | HWL (m) | HWL-H (m) |
|-----------|--------|--------|--------|--------|--------|-----------|-----------|-----------|-----------|--------------|------------|--------|------------|--------------|
| | (Km) | (m) | (R) | (B) | (A) | | | | | | (β) | (α) | | |
| 1 | 10.750 | 0.00 | 10.389 | 240.50 | 696.18 | 3.166 | 0.0382 | 1466.00 | 2.1058 | 0.3781 | 0.0013890 | 1.4701 | | |
| 2 | 11.250 | 500.00 | 11.107 | 160.64 | 433.19 | 2.942 | 0.0392 | 787.70 | 1.8184 | 0.3387 | 0.0012062 | 1.5601 | | |
| 3 | 11.450 | 200.00 | 11.321 | 158.74 | 382.63 | 2.684 | 0.0388 | 787.70 | 2.0587 | 0.4014 | 0.0017115 | 1.5799 | | |
| 4 | 11.650 | 200.00 | 11.640 | 157.48 | 349.39 | 2.516 | 0.0385 | 787.70 | 2.2545 | 0.4540 | 0.0022019 | 1.5932 | | |
| 5 | 11.850 | 200.00 | 12.069 | 156.87 | 333.40 | 2.436 | 0.0383 | 787.70 | 2.3627 | 0.4836 | 0.0025032 | 1.5993 | | |
| 6 | 12.050 | 200.00 | 12.565 | 156.62 | 328.12 | 2.410 | 0.0383 | 787.70 | 2.4006 | 0.4940 | 0.0026142 | 1.6013 | | |
| 7 | 12.250 | 200.00 | 13.097 | 156.62 | 326.85 | 2.403 | 0.0383 | 787.70 | 2.4100 | 0.4966 | 0.0026420 | 1.6017 | | |
| 8 | 12.440 | 190.00 | 13.589 | 156.64 | 327.21 | 2.405 | 0.0383 | 787.70 | 2.4074 | 0.4959 | 0.0026343 | 1.6016 | | |
| 9 | 12.640 | 200.00 | 14.116 | 156.61 | 326.64 | 2.407 | 0.0383 | 787.70 | 2.4115 | 0.4970 | 0.0026466 | 1.6018 | | |
| 10 | 12.840 | 200.00 | 14.645 | 156.61 | 326.51 | 2.402 | 0.0383 | 787.70 | 2.4125 | 0.4973 | 0.0026493 | 1.6018 | | |
| 11 | 13.040 | 200.00 | 15.175 | 156.61 | 326.48 | 2.402 | 0.0383 | 787.70 | 2.4127 | 0.4973 | 0.0026501 | 1.6019 | | |
| 12 | 13.240 | 200.00 | 15.704 | 156.61 | 326.45 | 2.401 | 0.0383 | 787.70 | 2.4130 | 0.4974 | 0.0026494 | 1.6018 | | |
| 13 | 13.440 | 200.00 | 16.235 | 156.61 | 326.57 | 2.402 | 0.0383 | 787.70 | 2.4125 | 0.4973 | 0.0026493 | 1.6018 | | |
| 14 | 13.630 | 190.00 | 16.701 | 145.45 | 283.90 | 2.142 | 0.0384 | 720.80 | 1.7313 | 0.5961 | 0.0039900 | 1.6812 | | |
| 15 | 13.810 | 180.00 | 17.444 | 145.99 | 281.04 | 2.235 | 0.0387 | 720.80 | 1.5575 | 0.5464 | 0.0033488 | 1.6705 | | |
| 16 | 13.970 | 160.00 | 17.972 | 145.99 | 277.20 | 2.211 | 0.0386 | 720.80 | 1.6003 | 0.5586 | 0.0035009 | 1.6734 | | |
| 17 | 14.210 | 240.00 | 18.813 | 146.06 | 278.78 | 2.219 | 0.0386 | 720.80 | 1.5856 | 0.5544 | 0.0034485 | 1.6725 | | |
| 18 | 14.270 | 60.00 | 19.017 | 146.02 | 277.89 | 2.215 | 0.0386 | 720.80 | 1.5938 | 0.5568 | 0.0034778 | 1.6730 | | |
| 19 | 14.480 | 210.00 | 19.749 | 146.09 | 279.62 | 2.224 | 0.0387 | 720.80 | 1.5777 | 0.5522 | 0.0034203 | 1.6719 | | |
| 20 | 14.670 | 190.00 | 20.397 | 146.02 | 277.83 | 2.214 | 0.0386 | 720.80 | 1.5944 | 0.5569 | 0.0034603 | 1.6731 | | |
| 21 | 14.875 | 205.00 | 20.906 | 133.82 | 196.41 | 2.138 | 0.0363 | 720.80 | 1.6699 | 0.8018 | 0.0064325 | 1.5736 | | |
| 22 | 15.035 | 160.00 | 22.199 | 138.21 | 296.09 | 2.580 | 0.0378 | 720.80 | 1.4344 | 0.4841 | 0.0023915 | 1.6355 | | |
| 23 | 15.260 | 225.00 | 22.691 | 136.49 | 256.58 | 2.385 | 0.0372 | 720.80 | 1.8092 | 0.5811 | 0.0034364 | 1.6332 | | |
| 24 | 15.390 | 130.00 | 23.136 | 136.46 | 255.87 | 2.382 | 0.0372 | 720.80 | 1.8171 | 0.5831 | 0.0034597 | 1.6328 | | |
| 25 | 15.610 | 220.00 | 23.897 | 136.46 | 256.04 | 2.382 | 0.0372 | 720.80 | 1.8152 | 0.5826 | 0.0034547 | 1.6331 | | |
| 26 | 15.740 | 130.00 | 24.346 | 136.46 | 255.86 | 2.382 | 0.0372 | 720.80 | 1.8172 | 0.5831 | 0.0034599 | 1.6327 | | |
| 27 | 15.990 | 250.00 | 25.210 | 136.42 | 255.08 | 1.378 | 0.0372 | 720.80 | 1.8258 | 0.5854 | 0.0034868 | 1.6327 | | |
| 28 | 16.190 | 200.00 | 25.910 | 136.48 | 256.41 | 2.384 | 0.0372 | 720.80 | 1.8111 | 0.5816 | 0.0034421 | 1.6331 | | |
| 29 | 16.390 | 200.00 | 26.598 | 136.47 | 256.12 | 2.383 | 0.0372 | 720.80 | 1.8143 | 0.5824 | 0.0034520 | 1.6331 | | |
| 30 | 16.550 | 160.00 | 27.147 | 136.40 | 254.61 | 2.376 | 0.0372 | 720.80 | 1.8310 | 0.5867 | 0.0035020 | 1.6323 | | |
| 31 | 16.750 | 200.00 | 27.850 | 136.48 | 256.44 | 2.384 | 0.0372 | 720.80 | 1.8108 | 0.5815 | 0.0034406 | 1.6329 | | |
| 32 | 16.960 | 210.00 | 28.571 | 136.43 | 255.16 | 2.378 | 0.0372 | 720.80 | 1.8249 | 0.5851 | 0.0034834 | 1.6326 | | |
| 33 | 17.160 | 200.00 | 29.282 | 135.83 | 241.67 | 2.316 | 0.0370 | 678.90 | 1.8990 | 0.5956 | 0.0034993 | 1.6289 | | |
| 34 | 17.320 | 160.00 | 29.801 | 135.05 | 234.00 | 2.240 | 0.0367 | 678.90 | 1.9309 | 0.6469 | 0.0042310 | 1.6139 | | |
| 35 | 17.550 | 200.00 | 30.783 | 135.26 | 230.93 | 2.269 | 0.0369 | 678.90 | 1.9389 | 0.6234 | 0.0039361 | 1.6197 | | |
| 36 | 17.715 | 165.00 | 31.427 | 135.26 | 238.82 | 2.260 | 0.0368 | 678.90 | 1.9670 | 0.6304 | 0.0040227 | 1.6179 | | |
| 37 | 17.815 | 100.00 | 31.820 | 135.16 | 226.58 | 2.251 | 0.0368 | 678.90 | 1.9963 | 0.6380 | 0.0041174 | 1.6160 | | |
| 38 | 17.905 | 90.00 | 32.204 | 135.31 | 229.79 | 2.264 | 0.0368 | 678.90 | 1.9544 | 0.6272 | 0.0039832 | 1.6190 | | |
| 39 | 17.995 | 90.00 | 32.561 | 135.29 | 229.41 | 2.263 | 0.0368 | 678.90 | 1.9594 | 0.6284 | 0.0039979 | 1.6182 | | |
| 40 | 18.105 | 110.00 | 32.990 | 135.16 | 226.58 | 2.251 | 0.0368 | 678.90 | 1.9964 | 0.6380 | 0.0041180 | 1.6161 | | |
| 41 | 18.185 | 80.00 | 33.554 | 106.22 | 314.65 | 2.151 | 0.0384 | 678.90 | 1.1576 | 0.4699 | 0.0024707 | 1.8537 | | |
| 42 | 18.395 | 210.00 | 34.070 | 239.78 | 295.69 | 1.762 | 0.0382 | 678.90 | 2.2960 | 0.5525 | 0.0036147 | 2.0937 | | |
| 43 | 18.605 | 210.00 | 34.867 | 304.81 | 326.46 | 1.574 | 0.0387 | 678.90 | 2.0796 | 0.5294 | 0.0035315 | 2.3420 | | |
| 44 | 18.815 | 210.00 | 35.571 | 300.00 | 283.68 | 1.522 | 0.0380 | 678.90 | 2.3932 | 0.6197 | 0.0047166 | 2.3248 | | |

RIO CHOLOMA: LONG TERM PLAN (100-YEAR FLOOD)

*** 不 等 流 計 算 書 ***

【T T I R】Rio Choloma ALT.2 【ケース番号】 6

【河川名】 Rio Choloma 【計画・現況・暫定区分】 計画 【計算方法】 (下流から計算)

| No. BL | 距離 | 区間距離 | 水位 | | | 河幅 (R) | 河深 (n) | 流量 (Q) | 流速 (V) | フルド数 (Fr) | スリット勾配補正係数 | | HWL (m) | HWL-H (m) |
|-----------|--------|--------|--------|--------|--------|-----------|-----------|-----------|-----------|--------------|------------|--------|------------|--------------|
| | (Km) | (m) | (R) | (B) | (A) | | | | | | (β) | (α) | | |
| 1 | 10.750 | 0.00 | 10.643 | 242.03 | 757.47 | 3.382 | 0.0384 | 1657.00 | 2.1876 | 0.3800 | 0.0013894 | 1.4617 | | |
| 2 | 11.250 | 500.00 | 11.368 | 162.20 | 474.99 | 3.155 | 0.0395 | 888.30 | 1.8702 | 0.3363 | 0.0011789 | 1.5452 | | |
| 3 | 11.450 | 200.00 | 11.572 | 160.25 | 422.71 | 2.888 | 0.0391 | 888.30 | 2.1815 | 0.3950 | 0.0016444 | 1.5641 | | |
| 4 | 11.650 | 200.00 | 11.875 | 158.89 | 386.51 | 2.704 | 0.0388 | 888.30 | 2.2983 | 0.4465 | 0.0021161 | 1.5783 | | |
| 5 | 11.850 | 200.00 | 12.282 | 158.15 | 367.06 | 2.605 | 0.0387 | 888.30 | 2.4201 | 0.4790 | 0.0024436 | 1.5862 | | |
| 6 | 12.050 | 200.00 | 12.765 | 157.87 | 359.50 | 2.567 | 0.0386 | 888.30 | 2.4709 | 0.4927 | 0.0025884 | 1.5892 | | |
| 7 | 12.250 | 200.00 | 13.280 | 157.78 | 357.24 | 2.555 | 0.0386 | 888.30 | 2.4866 | 0.4969 | 0.0026340 | 1.5901 | | |
| 8 | 12.440 | 190.00 | 13.781 | 157.79 | 357.34 | 2.556 | 0.0386 | 888.30 | 2.4859 | 0.4967 | 0.0026320 | 1.5901 | | |
| 9 | 12.640 | 200.00 | 14.307 | 157.76 | 356.69 | 2.553 | 0.0386 | 888.30 | 2.4904 | 0.4979 | 0.0026452 | 1.5903 | | |
| 10 | 12.840 | 200.00 | 14.836 | 157.75 | 356.52 | 2.552 | 0.0386 | 888.30 | 2.4916 | 0.4983 | 0.0026487 | 1.5904 | | |
| 11 | 13.040 | 200.00 | 15.366 | 157.75 | 356.30 | 2.552 | 0.0386 | 888.30 | 2.4917 | 0.4983 | 0.0026490 | 1.5904 | | |
| 12 | 13.240 | 200.00 | 15.895 | 157.75 | 356.44 | 2.551 | 0.0386 | 888.30 | 2.4922 | 0.4984 | 0.0026505 | 1.5904 | | |
| 13 | 13.440 | 200.00 | 16.425 | 157.75 | 356.46 | 2.551 | 0.0386 | 888.30 | 2.4920 | 0.4984 | 0.0026498 | 1.5904 | | |
| 14 | 13.630 | 190.00 | 16.891 | 146.58 | 291.57 | 2.286 | 0.0380 | 812.20 | 1.7857 | 0.5885 | 0.0038809 | 1.6645 | | |
| 15 | 13.810 | 180.00 | 17.610 | 147.18 | 306.22 | 2.364 | 0.0390 | 812.20 | 1.6523 | 0.5510 | 0.0033966 | 1.6550 | | |
| 16 | 13.970 | 160.00 | 18.148 | 147.05 | 302.99 | 2.347 | 0.0390 | 812.20 | 1.6806 | 0.5589 | 0.0034961 | 1.6571 | | |
| 17 | 14.210 | 240.00 | 18.988 | 147.11 | 304.43 | 2.355 | 0.0390 | 812.20 | 1.6679 | 0.5554 | 0.0034514 | 1.6562 | | |
| 18 | 14.270 | 60.00 | 19.192 | 147.08 | 303.58 | 2.350 | 0.0390 | 812.20 | 1.6754 | 0.5575 | 0.0034779 | 1.6567 | | |
| 19 | 14.480 | 210.00 | 19.925 | 147.15 | 305.38 | 2.360 | 0.0390 | 812.20 | 1.6597 | 0.5531 | 0.0034222 | 1.6566 | | |
| 20 | 14.670 | 190.00 | 20.573 | 147.08 | 303.61 | 2.350 | 0.0390 | 812.20 | 1.6751 | 0.5574 | 0.0034767 | 1.6567 | | |
| 21 | 14.875 | 205.00 | 21.052 | 134.69 | 215.96 | 2.208 | 0.0366 | 812.20 | 1.7609 | 0.8085 | 0.0065904 | 1.6044 | | |
| 22 | 15.035 | 160.00 | 22.408 | 139.47 | 325.08 | 2.731 | 0.0381 | 812.20 | 1.4985 | 0.4829 | 0.0023779 | 1.6298 | | |
| 23 | 15.260 | 225.00 | 22.892 | 137.69 | 284.07 | 2.519 | 0.0376 | 812.20 | 1.8591 | 0.5754 | 0.0033775 | 1.6363 | | |
| 24 | 15.390 | 130.00 | 23.324 | 137.58 | 281.62 | 2.507 | 0.0376 | 812.20 | 1.8841 | 0.5819 | 0.0034529 | 1.6363 | | |
| 25 | 15.610 | 220.00 | 24.084 | 137.58 | 281.57 | 2.507 | 0.0376 | 812.20 | 1.8845 | 0.5820 | 0.0034545 | 1.6363 | | |
| 26 | 15.740 | 130.00 | 24.532 | 137.57 | 281.40 | 2.506 | 0.0376 | 812.20 | 1.8863 | 0.5824 | 0.0034596 | 1.6363 | | |
| 27 | 15.990 | 250.00 | 25.396 | 137.54 | 280.55 | 2.502 | 0.0376 | 812.20 | 1.8951 | 0.5847 | 0.0034870 | 1.6364 | | |
| 28 | 16.190 | 200.00 | 26.096 | 137.60 | 281.93 | 2.508 | 0.0376 | 812.20 | 1.8809 | 0.5810 | 0.0034435 | 1.6364 | | |
| 29 | 16.390 | 200.00 | 26.785 | 137.59 | 281.74 | 2.508 | 0.0376 | 812.20 | 1.8829 | 0.5815 | 0.0034494 | 1.6363 | | |
| 30 | 16.550 | 160.00 | 27.333 | 137.52 | 280.05 | 2.499 | 0.0376 | 812.20 | 1.9002 | 0.5860 | 0.0035022 | 1.6363 | | |
| 31 | 16.750 | 200.00 | 28.037 | 137.60 | 281.97 | 2.509 | 0.0376 | 812.20 | 1.8805 | 0.5809 | 0.0034419 | 1.6363 | | |
| 32 | 16.960 | 210.00 | 28.757 | 137.54 | 280.68 | 2.502 | | | | | | | | |

Rio Blanco Existing Condition

2-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 球狀-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 18.90 | 0 | 46.52 | 200.00 | 118.2 | 1.14 | 0.0038105 |
| 19.70 | 800 | 50.43 | 120.75 | 118.2 | 1.61 | 0.0061440 |
| 20.50 | 800 | 54.75 | 137.82 | 118.2 | 1.39 | 0.0045591 |
| 21.40 | 900 | 58.09 | 130.11 | 118.2 | 1.45 | 0.0030732 |
| 22.40 | 1000 | 60.61 | 66.26 | 109.4 | 1.36 | 0.0017757 |
| 23.45 | 1050 | 63.80 | 82.94 | 109.4 | 1.63 | 0.0043814 |
| 24.45 | 1000 | 68.18 | 73.11 | 109.4 | 1.72 | 0.0044109 |
| 25.45 | 1000 | 73.60 | 73.17 | 109.4 | 1.93 | 0.0065173 |

5-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 球狀-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 18.90 | 0 | 46.93 | 200.00 | 315.2 | 1.69 | 0.0039235 |
| 19.70 | 800 | 50.91 | 149.37 | 315.2 | 2.20 | 0.0063110 |
| 20.50 | 800 | 55.25 | 150.28 | 315.2 | 1.97 | 0.0044079 |
| 21.40 | 900 | 58.75 | 138.19 | 315.2 | 1.84 | 0.0035546 |
| 22.40 | 1000 | 61.60 | 111.16 | 291.0 | 1.78 | 0.0019138 |
| 23.45 | 1050 | 64.51 | 147.11 | 291.0 | 1.81 | 0.0036094 |
| 24.45 | 1000 | 68.82 | 85.71 | 291.0 | 2.54 | 0.0053642 |
| 25.45 | 1000 | 74.36 | 113.83 | 291.0 | 2.29 | 0.0055845 |

10-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 球狀-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 18.90 | 0 | 47.14 | 200.00 | 439.6 | 1.93 | 0.0038823 |
| 19.70 | 800 | 51.12 | 151.11 | 439.6 | 2.52 | 0.0064413 |
| 20.50 | 800 | 55.50 | 152.35 | 439.6 | 2.23 | 0.0043164 |
| 21.40 | 900 | 59.05 | 139.94 | 439.6 | 2.07 | 0.0037557 |
| 22.40 | 1000 | 62.02 | 141.86 | 404.7 | 1.87 | 0.0018998 |
| 23.45 | 1050 | 64.78 | 148.47 | 404.7 | 2.01 | 0.0033638 |
| 24.45 | 1000 | 69.08 | 86.64 | 404.7 | 2.94 | 0.0057586 |
| 25.45 | 1000 | 74.70 | 135.44 | 404.7 | 2.37 | 0.0051466 |

30-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 18.90 | 0 | 47.36 | 200.00 | 588.9 | 2.17 | 0.0038803 |
| 19.70 | 800 | 51.34 | 152.96 | 588.9 | 2.83 | 0.0065429 |
| 20.50 | 800 | 55.76 | 154.21 | 588.9 | 2.48 | 0.0042491 |
| 21.40 | 900 | 59.35 | 141.75 | 588.9 | 2.30 | 0.0039294 |
| 22.40 | 1000 | 62.41 | 143.32 | 539.8 | 1.98 | 0.0018259 |
| 23.45 | 1050 | 65.05 | 149.86 | 539.8 | 2.23 | 0.0032511 |
| 24.45 | 1000 | 69.36 | 87.63 | 539.8 | 3.33 | 0.0060502 |
| 25.45 | 1000 | 75.05 | 157.96 | 539.8 | 2.45 | 0.0047485 |

50-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 18.90 | 0 | 47.44 | 200.00 | 651.5 | 2.26 | 0.0039293 |
| 19.70 | 800 | 51.43 | 153.64 | 651.5 | 2.94 | 0.0065430 |
| 20.50 | 800 | 55.86 | 154.54 | 651.5 | 2.58 | 0.0042543 |
| 21.40 | 900 | 59.47 | 142.45 | 651.5 | 2.39 | 0.0039715 |
| 22.40 | 1000 | 62.55 | 143.75 | 596.6 | 2.04 | 0.0018109 |
| 23.45 | 1050 | 65.16 | 150.41 | 596.6 | 2.31 | 0.0032071 |
| 24.45 | 1000 | 69.47 | 88.00 | 596.6 | 3.48 | 0.0061634 |
| 25.45 | 1000 | 75.19 | 170.73 | 596.6 | 2.44 | 0.0045846 |

100-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 18.90 | 0 | 47.55 | 200.00 | 733.9 | 2.37 | 0.0039069 |
| 19.70 | 800 | 51.54 | 154.23 | 733.9 | 3.08 | 0.0066079 |
| 20.50 | 800 | 55.99 | 154.96 | 733.9 | 2.70 | 0.0042086 |
| 21.40 | 900 | 59.62 | 143.30 | 733.9 | 2.50 | 0.0040602 |
| 22.40 | 1000 | 62.74 | 144.32 | 671.2 | 2.09 | 0.0017739 |
| 23.45 | 1050 | 65.30 | 151.09 | 671.2 | 2.40 | 0.0031592 |
| 24.45 | 1000 | 69.60 | 88.48 | 671.2 | 3.66 | 0.0062996 |
| 25.45 | 1000 | 75.32 | 172.74 | 671.2 | 2.51 | 0.0043426 |

Rio Choloma Future Conditions-2

30-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖積-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.48 | 0 | 11.40 | 154.60 | 711.2 | 2.42 | 0.0026587 |
| 12.23 | 750 | 13.44 | 154.34 | 711.2 | 2.47 | 0.0028267 |
| 13.08 | 850 | 15.82 | 154.45 | 711.2 | 2.45 | 0.0027500 |
| 14.28 | 1200 | 19.14 | 154.37 | 711.2 | 2.47 | 0.0028045 |
| 15.28 | 1000 | 21.93 | 154.43 | 711.2 | 2.45 | 0.0027655 |
| 16.28 | 1000 | 24.70 | 154.42 | 711.2 | 2.45 | 0.0027731 |
| 17.08 | 800 | 27.03 | 153.86 | 711.2 | 2.58 | 0.0031656 |
| 18.28 | 1200 | 30.72 | 154.17 | 711.2 | 2.51 | 0.0029409 |
| 19.08 | 800 | 33.11 | 153.98 | 711.2 | 2.55 | 0.0030732 |

50-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖積-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.48 | 0 | 11.50 | 155.20 | 787.7 | 2.54 | 0.0028465 |
| 12.23 | 750 | 13.61 | 155.37 | 787.7 | 2.51 | 0.0027393 |
| 13.08 | 850 | 15.95 | 155.28 | 787.7 | 2.52 | 0.0027950 |
| 14.28 | 1200 | 19.30 | 155.31 | 787.7 | 2.52 | 0.0027765 |
| 15.28 | 1000 | 22.08 | 155.30 | 787.7 | 2.52 | 0.0027821 |
| 16.28 | 1000 | 24.85 | 155.33 | 787.7 | 2.51 | 0.0027628 |
| 17.08 | 800 | 27.17 | 154.73 | 787.7 | 2.65 | 0.0031665 |
| 18.28 | 1200 | 30.87 | 155.05 | 787.7 | 2.57 | 0.0029418 |
| 19.08 | 800 | 33.25 | 154.86 | 787.7 | 2.62 | 0.0030708 |

100-year Flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖積-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.48 | 0 | 11.70 | 156.40 | 888.3 | 2.60 | 0.0027950 |
| 12.23 | 750 | 13.79 | 156.45 | 888.3 | 2.59 | 0.0027638 |
| 13.08 | 850 | 16.14 | 156.42 | 888.3 | 2.60 | 0.0027825 |
| 14.28 | 1200 | 19.48 | 156.42 | 888.3 | 2.60 | 0.0027839 |
| 15.28 | 1000 | 22.27 | 156.43 | 888.3 | 2.60 | 0.0027779 |
| 16.28 | 1000 | 25.04 | 156.45 | 888.3 | 2.59 | 0.0027656 |
| 17.08 | 800 | 27.35 | 155.82 | 888.3 | 2.72 | 0.0031576 |
| 18.28 | 1200 | 31.05 | 156.14 | 888.3 | 2.66 | 0.0029503 |
| 19.08 | 800 | 33.44 | 155.96 | 888.3 | 2.69 | 0.0030641 |

Rio Choloma Future Conditions-1

2-year Flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.48 | 0 | 9.60 | 65.20 | 141.5 | 1.74 | 0.0027905 |
| 12.23 | 750 | 11.68 | 65.21 | 141.5 | 1.73 | 0.0027638 |
| 13.08 | 850 | 14.04 | 65.20 | 141.5 | 1.74 | 0.0027839 |
| 14.28 | 1200 | 17.38 | 65.20 | 141.5 | 1.74 | 0.0027828 |
| 15.28 | 1000 | 20.16 | 65.21 | 141.5 | 1.74 | 0.0027780 |
| 16.28 | 1000 | 22.93 | 65.21 | 141.5 | 1.73 | 0.0027647 |
| 17.08 | 800 | 25.30 | 65.00 | 141.5 | 1.81 | 0.0031887 |
| 18.28 | 1200 | 28.97 | 65.13 | 141.5 | 1.76 | 0.0029174 |
| 19.08 | 800 | 31.37 | 65.04 | 141.5 | 1.80 | 0.0030933 |

5-year Flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.48 | 0 | 10.60 | 149.80 | 378.0 | 2.19 | 0.0026929 |
| 12.23 | 750 | 12.66 | 149.85 | 378.0 | 2.24 | 0.0028154 |
| 13.08 | 850 | 15.03 | 149.72 | 378.0 | 2.21 | 0.0027541 |
| 14.28 | 1200 | 18.36 | 149.66 | 378.0 | 2.23 | 0.0028032 |
| 15.28 | 1000 | 21.15 | 149.71 | 378.0 | 2.22 | 0.0027649 |
| 16.28 | 1000 | 23.91 | 149.70 | 378.0 | 2.22 | 0.0027743 |
| 17.08 | 800 | 26.26 | 149.25 | 378.0 | 2.38 | 0.0031769 |
| 18.28 | 1200 | 29.94 | 149.52 | 378.0 | 2.28 | 0.0029282 |
| 19.08 | 800 | 32.34 | 149.35 | 378.0 | 2.34 | 0.0030849 |

10-year Flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 11.48 | 0 | 11.00 | 152.20 | 528.9 | 2.27 | 0.0026644 |
| 12.23 | 750 | 13.04 | 151.97 | 528.9 | 2.33 | 0.0028293 |
| 13.08 | 850 | 15.42 | 152.09 | 528.9 | 2.30 | 0.0027465 |
| 14.28 | 1200 | 18.75 | 152.00 | 528.9 | 2.32 | 0.0028081 |
| 15.28 | 1000 | 21.54 | 152.06 | 528.9 | 2.30 | 0.0027623 |
| 16.28 | 1000 | 24.30 | 152.05 | 528.9 | 2.31 | 0.0027755 |
| 17.08 | 800 | 26.64 | 151.55 | 528.9 | 2.44 | 0.0031750 |
| 18.28 | 1200 | 30.33 | 151.85 | 528.9 | 2.36 | 0.0029297 |
| 19.08 | 800 | 32.72 | 151.66 | 528.9 | 2.41 | 0.0030837 |

Diversión - Rio Blanco Future Condition

2-year

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 環境-分配 (Ie) |
|-----------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 12.6 (Sauce) | 0 | 51.31 | 126.00 | 109.4 | 0.94 | 0.0008012 |
| 1.0 (Diversión) | 1000 | 53.80 | 44.90 | 109.4 | 2.10 | 0.0045216 |
| 2.0 (Diversión) | 1000 | 57.26 | 92.75 | 109.4 | 1.63 | 0.0022235 |
| 21.9 (Blanco) | 600 | 58.96 | 45.23 | 109.4 | 1.96 | 0.0036355 |
| 22.4 (Blanco) | 500 | 60.52 | 64.80 | 109.4 | 1.47 | 0.0022313 |
| 23.45 (Blanco) | 1050 | 63.83 | 87.12 | 109.4 | 1.57 | 0.0040981 |
| 23.9 (Blanco) | 450 | 65.94 | 80.99 | 109.4 | 1.76 | 0.0054473 |

5-year

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 環境-分配 (Ie) |
|-----------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 12.6 (Sauce) | 0 | 52.25 | 126.00 | 291.0 | 1.24 | 0.0009163 |
| 1.0 (Diversión) | 1000 | 54.59 | 126.00 | 291.0 | 2.23 | 0.0043514 |
| 2.0 (Diversión) | 1000 | 58.08 | 126.00 | 291.0 | 1.73 | 0.0022825 |
| 21.9 (Blanco) | 600 | 59.75 | 126.00 | 291.0 | 2.08 | 0.0036700 |
| 22.4 (Blanco) | 500 | 61.43 | 101.20 | 291.0 | 2.00 | 0.0025548 |
| 23.45 (Blanco) | 1050 | 64.54 | 147.29 | 291.0 | 1.75 | 0.0032488 |
| 23.9 (Blanco) | 450 | 66.55 | 146.33 | 291.0 | 2.12 | 0.0060181 |

10-year

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 環境-分配 (Ie) |
|-----------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 12.6 (Sauce) | 0 | 52.69 | 126.00 | 404.7 | 1.40 | 0.0009537 |
| 1.0 (Diversión) | 1000 | 54.93 | 126.00 | 404.7 | 2.34 | 0.0041367 |
| 2.0 (Diversión) | 1000 | 58.39 | 126.00 | 404.7 | 1.94 | 0.0024881 |
| 21.9 (Blanco) | 600 | 60.10 | 126.00 | 404.7 | 2.20 | 0.0035104 |
| 22.4 (Blanco) | 500 | 61.77 | 125.89 | 404.7 | 2.20 | 0.0027840 |
| 23.45 (Blanco) | 1050 | 64.84 | 148.80 | 404.7 | 1.92 | 0.0028859 |
| 23.9 (Blanco) | 450 | 66.75 | 147.34 | 404.7 | 2.42 | 0.0061319 |

30-year

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 比尺-勾配 (Ie) |
|-----------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 12.6 (Sauce) | 0 | 53.18 | 126.00 | 539.8 | 1.53 | 0.0009500 |
| 1.0 (Diversion) | 1000 | 55.29 | 126.00 | 539.8 | 2.48 | 0.0039045 |
| 2.0 (Diversion) | 1000 | 58.71 | 126.00 | 539.8 | 2.18 | 0.0026915 |
| 21.9 (Blanco) | 600 | 60.46 | 126.00 | 539.8 | 2.36 | 0.0033776 |
| 22.4 (Blanco) | 500 | 62.11 | 142.24 | 539.8 | 2.35 | 0.0028841 |
| 23.45 (Blanco) | 1050 | 65.15 | 150.34 | 539.8 | 2.10 | 0.0026931 |
| 23.9 (Blanco) | 450 | 66.97 | 148.43 | 539.8 | 2.70 | 0.0061095 |

50-year

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 比尺-勾配 (Ie) |
|-----------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 12.6 (Sauce) | 0 | 53.36 | 126.00 | 596.6 | 1.59 | 0.0009594 |
| 1.0 (Diversion) | 1000 | 55.43 | 126.00 | 596.6 | 2.54 | 0.0038241 |
| 2.0 (Diversion) | 1000 | 58.83 | 126.00 | 596.6 | 2.27 | 0.0027587 |
| 21.9 (Blanco) | 600 | 60.60 | 126.00 | 596.6 | 2.42 | 0.0033380 |
| 22.4 (Blanco) | 500 | 62.24 | 142.75 | 596.6 | 2.41 | 0.0028809 |
| 23.45 (Blanco) | 1050 | 65.26 | 150.91 | 596.6 | 2.18 | 0.0026663 |
| 23.9 (Blanco) | 450 | 67.06 | 148.87 | 596.6 | 2.81 | 0.0060770 |

100-year

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 比尺-勾配 (Ie) |
|-----------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 12.6 (Sauce) | 0 | 53.60 | 126.00 | 671.2 | 1.66 | 0.0009571 |
| 1.0 (Diversion) | 1000 | 55.60 | 126.00 | 671.2 | 2.60 | 0.0037170 |
| 2.0 (Diversion) | 1000 | 58.93 | 126.00 | 671.2 | 2.38 | 0.0028418 |
| 21.9 (Blanco) | 600 | 60.77 | 126.00 | 671.2 | 2.50 | 0.0032946 |
| 22.4 (Blanco) | 500 | 62.40 | 143.29 | 671.2 | 2.48 | 0.0028670 |
| 23.45 (Blanco) | 1050 | 65.41 | 151.62 | 671.2 | 2.27 | 0.0026426 |
| 23.9 (Blanco) | 450 | 67.17 | 149.42 | 671.2 | 2.93 | 0.0060339 |

Existing
Rio El Sauce ~~Future~~ Condition (without Diversion)

2-year

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 土壤-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 22.17 | 128.00 | 226.7 | 1.06 | 0.0009987 |
| 1.60 | 1200 | 23.28 | 127.17 | 138.9 | 0.85 | 0.0007990 |
| 2.80 | 1200 | 23.90 | 135.60 | 138.9 | 0.45 | 0.0001464 |
| 3.90 | 1100 | 25.62 | 142.08 | 138.9 | 1.17 | 0.0032073 |
| 4.90 | 1000 | 27.85 | 236.77 | 138.9 | 0.66 | 0.0010481 |
| 5.90 | 1000 | 29.83 | 199.08 | 138.9 | 1.00 | 0.0030278 |
| 6.90 | 1000 | 31.69 | 685.78 | 138.9 | 0.35 | 0.0005131 |
| 7.90 | 1000 | 34.74 | 384.56 | 138.9 | 1.15 | 0.0060835 |
| 8.50 | 600 | 37.92 | 181.51 | 138.9 | 1.34 | 0.0043097 |
| 9.00 | 500 | 39.38 | 203.97 | 109.9 | 0.67 | 0.0009425 |
| 9.75 | 750 | 41.90 | 96.46 | 109.9 | 1.83 | 0.0066835 |
| 10.75 | 1000 | 45.75 | 120.78 | 109.9 | 0.58 | 0.0003126 |
| 11.55 | 800 | 47.27 | 78.08 | 109.9 | 1.88 | 0.0042896 |
| 12.60 | 1050 | 51.13 | 100.60 | 109.9 | 1.45 | 0.0027055 |
| 13.55 | 950 | 54.10 | 108.36 | 109.9 | 1.29 | 0.0035366 |
| 14.60 | 1050 | 56.84 | 101.83 | 109.9 | 0.97 | 0.0015348 |

3-year

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 土壤-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 23.70 | 128.00 | 609.5 | 1.49 | 0.0008671 |
| 1.60 | 1200 | 24.63 | 128.00 | 372.1 | 1.10 | 0.0005915 |
| 2.80 | 1200 | 25.17 | 140.50 | 372.1 | 0.77 | 0.0002144 |
| 3.90 | 1100 | 26.45 | 145.19 | 372.1 | 1.56 | 0.0023534 |
| 4.90 | 1000 | 28.40 | 253.83 | 372.1 | 1.08 | 0.0013758 |
| 5.90 | 1000 | 30.41 | 248.19 | 372.1 | 1.36 | 0.0027448 |
| 6.90 | 1000 | 32.14 | 716.13 | 372.1 | 0.52 | 0.0004923 |
| 7.90 | 1000 | 35.11 | 626.43 | 372.1 | 1.23 | 0.0057993 |
| 8.50 | 600 | 38.38 | 219.50 | 372.1 | 1.83 | 0.0054146 |
| 9.00 | 500 | 40.16 | 208.22 | 293.3 | 0.90 | 0.0007886 |
| 9.75 | 750 | 42.53 | 108.29 | 293.3 | 2.32 | 0.0065709 |
| 10.75 | 1000 | 46.50 | 128.14 | 293.3 | 1.04 | 0.0006172 |
| 11.55 | 800 | 48.07 | 113.58 | 293.3 | 2.06 | 0.0040983 |
| 12.60 | 1050 | 51.86 | 116.54 | 293.3 | 1.87 | 0.0028853 |
| 13.55 | 950 | 54.81 | 115.61 | 293.3 | 1.78 | 0.0032527 |
| 14.60 | 1050 | 57.59 | 110.12 | 293.3 | 1.52 | 0.0019155 |

| 10-year 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-分配 (Ie) |
|------------------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 24.47 | 128.00 | 860.2 | 1.69 | 0.0008841 |
| 1.60 | 1200 | 25.40 | 128.00 | 522.7 | 1.20 | 0.0005306 |
| 2.80 | 1200 | 25.89 | 140.50 | 522.7 | 0.89 | 0.0002288 |
| 3.90 | 1100 | 26.96 | 147.12 | 522.7 | 1.67 | 0.0019503 |
| 4.90 | 1000 | 28.72 | 265.27 | 522.7 | 1.22 | 0.0014022 |
| 5.90 | 1000 | 30.70 | 255.38 | 522.7 | 1.52 | 0.0026608 |
| 6.90 | 1000 | 32.39 | 723.08 | 522.7 | 0.58 | 0.0004693 |
| 7.90 | 1000 | 35.26 | 669.24 | 522.7 | 1.32 | 0.0055812 |
| 8.50 | 600 | 38.59 | 223.42 | 522.7 | 2.11 | 0.0060732 |
| 9.00 | 500 | 40.57 | 210.07 | 409.5 | 1.00 | 0.0007402 |
| 9.75 | 750 | 42.83 | 110.08 | 409.5 | 2.57 | 0.0064584 |
| 10.75 | 1000 | 46.84 | 131.04 | 409.5 | 1.25 | 0.0007720 |
| 11.55 | 800 | 48.43 | 116.75 | 409.5 | 2.22 | 0.0039651 |
| 12.60 | 1050 | 52.18 | 119.31 | 409.5 | 2.10 | 0.0030100 |
| 13.55 | 950 | 55.18 | 119.30 | 409.5 | 1.97 | 0.0031693 |
| 14.60 | 1050 | 57.98 | 114.34 | 409.5 | 1.73 | 0.0020402 |

| 30-year 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-分配 (Ie) |
|------------------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 25.31 | 128.00 | 1,172.0 | 1.90 | 0.0009052 |
| 1.60 | 1200 | 26.24 | 128.00 | 706.9 | 1.30 | 0.0004875 |
| 2.80 | 1200 | 26.71 | 140.50 | 706.9 | 1.01 | 0.0002360 |
| 3.90 | 1100 | 27.58 | 150.00 | 706.9 | 1.75 | 0.0015833 |
| 4.90 | 1000 | 29.10 | 275.71 | 706.9 | 1.33 | 0.0013135 |
| 5.90 | 1000 | 31.00 | 260.86 | 706.9 | 1.67 | 0.0026067 |
| 6.90 | 1000 | 32.68 | 724.96 | 706.9 | 0.64 | 0.0004376 |
| 7.90 | 1000 | 35.41 | 714.89 | 706.9 | 1.41 | 0.0053430 |
| 8.50 | 600 | 38.79 | 227.39 | 706.9 | 2.40 | 0.0067559 |
| 9.00 | 500 | 41.01 | 212.04 | 549.0 | 1.09 | 0.0007044 |
| 9.75 | 750 | 43.15 | 111.98 | 549.0 | 2.82 | 0.0063394 |
| 10.75 | 1000 | 47.21 | 134.07 | 549.0 | 1.46 | 0.0009187 |
| 11.55 | 800 | 48.81 | 120.04 | 549.0 | 2.40 | 0.0038473 |
| 12.60 | 1050 | 52.52 | 122.18 | 549.0 | 2.33 | 0.0031082 |
| 13.55 | 950 | 55.56 | 123.14 | 549.0 | 2.16 | 0.0031170 |
| 14.60 | 1050 | 58.38 | 118.75 | 549.0 | 1.94 | 0.0021345 |

| 50-year 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-分配 (Ie) |
|------------------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 25.64 | 128.00 | 1,302.9 | 1.98 | 0.0009111 |
| 1.60 | 1200 | 26.57 | 128.00 | 784.2 | 1.34 | 0.0004753 |
| 2.80 | 1200 | 27.03 | 140.50 | 784.2 | 1.05 | 0.0002377 |
| 3.90 | 1100 | 27.84 | 150.00 | 784.2 | 1.77 | 0.0014575 |
| 4.90 | 1000 | 29.27 | 276.25 | 784.2 | 1.36 | 0.0012570 |
| 5.90 | 1000 | 31.11 | 261.29 | 784.2 | 1.73 | 0.0025838 |
| 6.90 | 1000 | 32.79 | 725.64 | 784.2 | 0.66 | 0.0004285 |
| 7.90 | 1000 | 35.47 | 732.41 | 784.2 | 1.44 | 0.0052494 |
| 8.50 | 600 | 38.87 | 228.87 | 784.2 | 2.52 | 0.0070158 |
| 9.00 | 500 | 41.18 | 212.79 | 607.6 | 1.13 | 0.0006948 |
| 9.75 | 750 | 43.27 | 112.71 | 607.6 | 2.91 | 0.0062963 |
| 10.75 | 1000 | 47.35 | 135.25 | 607.6 | 1.54 | 0.0009703 |
| 11.55 | 800 | 48.95 | 121.09 | 607.6 | 2.47 | 0.0038066 |
| 12.60 | 1050 | 52.65 | 123.29 | 607.6 | 2.41 | 0.0031408 |
| 13.55 | 950 | 55.70 | 124.62 | 607.6 | 2.23 | 0.0031016 |
| 14.60 | 1050 | 58.53 | 120.45 | 607.6 | 2.01 | 0.0021651 |

| 100-year 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-分配 (Ie) |
|-------------------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 25.90 | 128.00 | 1,474.7 | 2.13 | 0.0010022 |
| 1.60 | 1200 | 26.91 | 128.00 | 885.7 | 1.41 | 0.0004860 |
| 2.80 | 1200 | 27.38 | 140.50 | 885.7 | 1.11 | 0.0002471 |
| 3.90 | 1100 | 28.14 | 150.00 | 885.7 | 1.81 | 0.0013610 |
| 4.90 | 1000 | 29.48 | 276.95 | 885.7 | 1.39 | 0.0011787 |
| 5.90 | 1000 | 31.26 | 261.77 | 885.7 | 1.80 | 0.0025465 |
| 6.90 | 1000 | 32.92 | 726.48 | 885.7 | 0.69 | 0.0004197 |
| 7.90 | 1000 | 35.55 | 772.16 | 885.7 | 1.46 | 0.0051373 |
| 8.50 | 600 | 38.96 | 230.71 | 885.7 | 2.65 | 0.0073264 |
| 9.00 | 500 | 41.38 | 213.73 | 684.6 | 1.18 | 0.0006867 |
| 9.75 | 750 | 43.43 | 113.63 | 684.6 | 3.02 | 0.0062475 |
| 10.75 | 1000 | 47.53 | 136.73 | 684.6 | 1.63 | 0.0010304 |
| 11.55 | 800 | 49.13 | 122.40 | 684.6 | 2.55 | 0.0037579 |
| 12.60 | 1050 | 52.81 | 124.67 | 684.6 | 2.52 | 0.0031768 |
| 13.55 | 950 | 55.88 | 126.47 | 684.6 | 2.32 | 0.0030868 |
| 14.60 | 1050 | 58.73 | 122.57 | 684.6 | 2.10 | 0.0021994 |

Rio El Sauce Future Condition (with Diversion)

| 2-year | | | | | | |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖積-分配 (Ie) |
| 0.00 | 0 | 20.51 | 188.00 | 285.6 | 1.28 | 0.0010033 |
| 1.60 | 1200 | 21.56 | 188.00 | 204.1 | 1.04 | 0.0006728 |
| 2.80 | 1200 | 22.55 | 188.00 | 204.1 | 1.31 | 0.0010222 |
| 3.90 | 1100 | 24.48 | 66.55 | 204.1 | 1.97 | 0.0026702 |
| 4.90 | 1000 | 26.85 | 67.13 | 204.1 | 1.80 | 0.0020084 |
| 5.90 | 1000 | 29.00 | 66.84 | 204.1 | 1.88 | 0.0023175 |
| 6.90 | 1000 | 31.71 | 66.22 | 204.1 | 2.08 | 0.0031820 |
| 7.90 | 1000 | 34.64 | 66.57 | 204.1 | 1.96 | 0.0026415 |
| 8.50 | 600 | 36.49 | 65.96 | 204.1 | 2.18 | 0.0036764 |
| 9.00 | 500 | 38.18 | 66.05 | 184.9 | 1.94 | 0.0028740 |
| 9.75 | 750 | 40.58 | 65.65 | 184.9 | 2.08 | 0.0036131 |
| 10.75 | 1000 | 44.95 | 108.92 | 184.9 | 1.91 | 0.0053061 |
| 11.55 | 800 | 48.02 | 113.19 | 184.9 | 1.35 | 0.0020027 |
| 12.60 | 1050 | 51.31 | 106.95 | 184.9 | 1.95 | 0.0044939 |
| 13.55 | 950 | 54.38 | 111.22 | 110.1 | 0.95 | 0.0014815 |
| 14.60 | 1050 | 56.61 | 97.42 | 110.1 | 1.22 | 0.0028936 |

| 5-year | | | | | | |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖積-分配 (Ie) |
| 0.00 | 0 | 21.89 | 188.00 | 769.1 | 1.59 | 0.0009355 |
| 1.60 | 1200 | 22.89 | 188.00 | 548.3 | 1.23 | 0.0006033 |
| 2.80 | 1200 | 23.76 | 188.00 | 548.3 | 1.43 | 0.0009224 |
| 3.90 | 1100 | 25.52 | 188.00 | 548.3 | 2.14 | 0.0026612 |
| 4.90 | 1000 | 27.92 | 188.00 | 548.3 | 1.90 | 0.0019850 |
| 5.90 | 1000 | 30.04 | 188.00 | 548.3 | 2.03 | 0.0023419 |
| 6.90 | 1000 | 32.73 | 188.00 | 548.3 | 2.32 | 0.0032172 |
| 7.90 | 1000 | 35.70 | 188.00 | 548.3 | 2.12 | 0.0025859 |
| 8.50 | 600 | 37.48 | 188.00 | 548.3 | 2.51 | 0.0038182 |
| 9.00 | 500 | 39.24 | 188.00 | 495.3 | 2.11 | 0.0026444 |
| 9.75 | 750 | 41.55 | 188.00 | 495.3 | 2.50 | 0.0038325 |
| 10.75 | 1000 | 45.85 | 121.86 | 495.3 | 2.46 | 0.0047200 |
| 11.55 | 800 | 48.92 | 120.87 | 495.3 | 2.04 | 0.0026407 |
| 12.60 | 1050 | 52.25 | 119.88 | 495.3 | 2.44 | 0.0039167 |
| 13.55 | 950 | 55.18 | 119.33 | 293.4 | 1.41 | 0.0016174 |
| 14.60 | 1050 | 57.39 | 107.94 | 293.4 | 1.71 | 0.0027375 |

| 10-year 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料分配 (Ie) |
|------------------------|-------------|-----------|-----------|-----------|-----------|--------------|
| 0.00 | 0 | 22.57 | 188.00 | 1,088.1 | 1.78 | 0.0009289 |
| 1.60 | 1200 | 23.55 | 188.00 | 733.1 | 1.29 | 0.0005220 |
| 2.80 | 1200 | 24.31 | 188.00 | 733.1 | 1.50 | 0.0008304 |
| 3.90 | 1100 | 25.91 | 188.00 | 733.1 | 2.22 | 0.0024922 |
| 4.90 | 1000 | 28.26 | 188.00 | 733.1 | 2.09 | 0.0020988 |
| 5.90 | 1000 | 30.42 | 188.00 | 733.1 | 2.15 | 0.0022763 |
| 6.90 | 1000 | 33.06 | 188.00 | 733.1 | 2.45 | 0.0032285 |
| 7.90 | 1000 | 36.05 | 188.00 | 733.1 | 2.26 | 0.0025936 |
| 8.50 | 600 | 37.82 | 188.00 | 733.1 | 2.61 | 0.0037707 |
| 9.00 | 500 | 39.59 | 188.00 | 695.3 | 2.31 | 0.0028530 |
| 9.75 | 750 | 41.94 | 188.00 | 695.3 | 2.55 | 0.0036666 |
| 10.75 | 1000 | 46.24 | 126.00 | 695.3 | 2.79 | 0.0049947 |
| 11.55 | 800 | 49.46 | 124.72 | 695.3 | 2.25 | 0.0025835 |
| 12.60 | 1050 | 52.69 | 123.64 | 695.3 | 2.71 | 0.0038750 |
| 13.55 | 950 | 55.63 | 123.91 | 408.7 | 1.55 | 0.0015477 |
| 14.60 | 1050 | 57.78 | 112.22 | 408.7 | 1.90 | 0.0027176 |

| 30-year 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料分配 (Ie) |
|------------------------|-------------|-----------|-----------|-----------|-----------|--------------|
| 0.00 | 0 | 23.31 | 188.00 | 1,487.6 | 1.98 | 0.0009275 |
| 1.60 | 1200 | 24.31 | 188.00 | 1,051.6 | 1.47 | 0.0005415 |
| 2.80 | 1200 | 25.07 | 188.00 | 1,051.6 | 1.67 | 0.0007939 |
| 3.90 | 1100 | 26.51 | 188.00 | 1,051.6 | 2.38 | 0.0022572 |
| 4.90 | 1000 | 28.76 | 188.00 | 1,051.6 | 2.36 | 0.0022195 |
| 5.90 | 1000 | 30.98 | 188.00 | 1,051.6 | 2.36 | 0.0022204 |
| 6.90 | 1000 | 33.55 | 188.00 | 1,051.6 | 2.69 | 0.0032020 |
| 7.90 | 1000 | 36.55 | 188.00 | 1,051.6 | 2.51 | 0.0026384 |
| 8.50 | 600 | 38.30 | 188.00 | 1,051.6 | 2.82 | 0.0036712 |
| 9.00 | 500 | 40.05 | 188.00 | 939.8 | 2.43 | 0.0026491 |
| 9.75 | 750 | 42.30 | 188.00 | 939.8 | 2.76 | 0.0037491 |
| 10.75 | 1000 | 46.66 | 129.52 | 939.8 | 3.09 | 0.0050922 |
| 11.55 | 800 | 49.99 | 128.51 | 939.8 | 2.50 | 0.0026427 |
| 12.60 | 1050 | 53.18 | 127.76 | 939.8 | 2.96 | 0.0037748 |
| 13.55 | 950 | 56.11 | 128.72 | 546.3 | 1.69 | 0.0014922 |
| 14.60 | 1050 | 58.20 | 116.73 | 546.3 | 2.09 | 0.0026824 |

| 50-year | | | | | | |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖積-分配 (Ie) |
| 0.00 | 0 | 23.60 | 188.00 | 1,655.7 | 2.06 | 0.0009264 |
| 1.60 | 1200 | 24.61 | 188.00 | 1,168.5 | 1.52 | 0.0005320 |
| 2.80 | 1200 | 25.34 | 188.00 | 1,168.5 | 1.72 | 0.0007714 |
| 3.90 | 1100 | 26.73 | 188.00 | 1,168.5 | 2.42 | 0.0021703 |
| 4.90 | 1000 | 28.92 | 188.00 | 1,168.5 | 2.45 | 0.0022508 |
| 5.90 | 1000 | 31.16 | 188.00 | 1,168.5 | 2.44 | 0.0022092 |
| 6.90 | 1000 | 33.72 | 188.00 | 1,168.5 | 2.77 | 0.0031877 |
| 7.90 | 1000 | 36.71 | 188.00 | 1,168.5 | 2.60 | 0.0026553 |
| 8.50 | 600 | 38.46 | 188.00 | 1,168.5 | 2.90 | 0.0036404 |
| 9.00 | 500 | 40.20 | 188.00 | 1,042.4 | 2.50 | 0.0026468 |
| 9.75 | 750 | 42.45 | 188.00 | 1,042.4 | 2.83 | 0.0037297 |
| 10.75 | 1000 | 46.82 | 130.81 | 1,042.4 | 3.22 | 0.0051735 |
| 11.55 | 800 | 50.20 | 130.04 | 1,042.4 | 2.59 | 0.0026435 |
| 12.60 | 1050 | 53.36 | 129.33 | 1,042.4 | 3.05 | 0.0037475 |
| 13.55 | 950 | 56.29 | 130.62 | 604.2 | 1.74 | 0.0014683 |
| 14.60 | 1050 | 58.36 | 118.48 | 604.2 | 2.15 | 0.0026664 |

| 100-year | | | | | | |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖積-分配 (Ie) |
| 0.00 | 0 | 23.96 | 188.00 | 1,876.0 | 2.15 | 0.0009282 |
| 1.60 | 1200 | 24.97 | 188.00 | 1,321.9 | 1.58 | 0.0005227 |
| 2.80 | 1200 | 25.69 | 188.00 | 1,321.9 | 1.77 | 0.0007462 |
| 3.90 | 1100 | 27.00 | 188.00 | 1,321.9 | 2.48 | 0.0020633 |
| 4.90 | 1000 | 29.13 | 188.00 | 1,321.9 | 2.56 | 0.0022785 |
| 5.90 | 1000 | 31.39 | 188.00 | 1,321.9 | 2.53 | 0.0022014 |
| 6.90 | 1000 | 33.92 | 188.00 | 1,321.9 | 2.87 | 0.0031667 |
| 7.90 | 1000 | 36.92 | 188.00 | 1,321.9 | 2.71 | 0.0026771 |
| 8.50 | 600 | 38.67 | 188.00 | 1,321.9 | 3.00 | 0.0036047 |
| 9.00 | 500 | 40.40 | 188.00 | 1,177.1 | 2.60 | 0.0026408 |
| 9.75 | 750 | 42.63 | 188.00 | 1,177.1 | 2.92 | 0.0037086 |
| 10.75 | 1000 | 47.01 | 132.40 | 1,177.1 | 3.37 | 0.0052717 |
| 11.55 | 800 | 50.46 | 131.95 | 1,177.1 | 2.70 | 0.0026474 |
| 12.60 | 1050 | 53.60 | 131.31 | 1,177.1 | 3.16 | 0.0037116 |
| 13.55 | 950 | 56.53 | 133.01 | 680.2 | 1.80 | 0.0014401 |
| 14.60 | 1050 | 58.56 | 120.69 | 680.2 | 2.23 | 0.0026441 |

SSFU.

Future
Rio El Sauce Existing Condition (without Diversion)

2-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 20.27 | 188.00 | 226.7 | 1.27 | 0.0009956 |
| 1.60 | 1200 | 21.26 | 142.46 | 138.9 | 0.99 | 0.0005593 |
| 2.80 | 1200 | 22.16 | 67.03 | 138.9 | 1.24 | 0.0009768 |
| 3.90 | 1100 | 24.13 | 65.16 | 138.9 | 1.72 | 0.0027547 |
| 4.90 | 1000 | 26.51 | 65.74 | 138.9 | 1.54 | 0.0019287 |
| 5.90 | 1000 | 28.64 | 65.40 | 138.9 | 1.64 | 0.0023754 |
| 6.90 | 1000 | 31.39 | 64.95 | 138.9 | 1.80 | 0.0031803 |
| 7.90 | 1000 | 34.31 | 65.24 | 138.9 | 1.69 | 0.0026246 |
| 8.50 | 600 | 36.18 | 64.71 | 138.9 | 1.89 | 0.0037370 |
| 9.00 | 500 | 37.82 | 64.59 | 109.9 | 1.54 | 0.0025504 |
| 9.75 | 750 | 40.19 | 64.06 | 109.9 | 1.75 | 0.0038626 |
| 10.75 | 1000 | 44.57 | 78.53 | 109.9 | 1.80 | 0.0051007 |
| 11.55 | 800 | 47.55 | 109.08 | 109.9 | 1.29 | 0.0021484 |
| 12.60 | 1050 | 50.98 | 93.17 | 109.9 | 1.80 | 0.0044759 |
| 13.55 | 950 | 54.25 | 109.92 | 109.9 | 1.08 | 0.0021400 |
| 14.60 | 1050 | 56.66 | 98.47 | 109.9 | 1.15 | 0.0024878 |

5-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 21.50 | 188.00 | 609.5 | 1.49 | 0.0009450 |
| 1.60 | 1200 | 22.45 | 188.00 | 372.1 | 1.02 | 0.0004938 |
| 2.80 | 1200 | 23.25 | 188.00 | 372.1 | 1.30 | 0.0009198 |
| 3.90 | 1100 | 25.09 | 188.00 | 372.1 | 2.13 | 0.0027823 |
| 4.90 | 1000 | 27.51 | 188.00 | 372.1 | 1.76 | 0.0018940 |
| 5.90 | 1000 | 29.61 | 188.00 | 372.1 | 1.97 | 0.0024041 |
| 6.90 | 1000 | 32.33 | 188.00 | 372.1 | 2.30 | 0.0031791 |
| 7.90 | 1000 | 35.28 | 188.00 | 372.1 | 2.06 | 0.0026134 |
| 8.50 | 600 | 37.09 | 181.00 | 372.1 | 2.55 | 0.0037840 |
| 9.00 | 500 | 38.78 | 188.00 | 293.3 | 1.98 | 0.0022895 |
| 9.75 | 750 | 40.99 | 67.27 | 293.3 | 2.54 | 0.0038897 |
| 10.75 | 1000 | 45.32 | 116.06 | 293.3 | 2.11 | 0.0047738 |
| 11.55 | 800 | 48.32 | 115.83 | 293.3 | 1.71 | 0.0024629 |
| 12.60 | 1050 | 51.69 | 115.14 | 293.3 | 2.13 | 0.0041422 |
| 13.55 | 950 | 54.96 | 117.16 | 293.3 | 1.60 | 0.0023911 |
| 14.60 | 1050 | 57.47 | 108.74 | 293.3 | 1.63 | 0.0023888 |

SSFU.

10-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-分配 (Ic) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 22.09 | 188.00 | 860.2 | 1.65 | 0.0009381 |
| 1.60 | 1200 | 23.04 | 188.00 | 522.7 | 1.10 | 0.0004585 |
| 2.80 | 1200 | 23.76 | 188.00 | 522.7 | 1.36 | 0.0008355 |
| 3.90 | 1100 | 25.47 | 188.00 | 522.7 | 2.13 | 0.0026610 |
| 4.90 | 1000 | 27.87 | 188.00 | 522.7 | 1.88 | 0.0019816 |
| 5.90 | 1000 | 29.99 | 188.00 | 522.7 | 2.02 | 0.0023464 |
| 6.90 | 1000 | 32.67 | 188.00 | 522.7 | 2.31 | 0.0032172 |
| 7.90 | 1000 | 35.64 | 188.00 | 522.7 | 2.10 | 0.0025841 |
| 8.50 | 600 | 37.43 | 188.00 | 522.7 | 2.50 | 0.0038230 |
| 9.00 | 500 | 39.14 | 188.00 | 409.5 | 1.89 | 0.0021848 |
| 9.75 | 750 | 41.32 | 188.00 | 409.5 | 2.63 | 0.0041182 |
| 10.75 | 1000 | 45.68 | 119.93 | 409.5 | 2.27 | 0.0044444 |
| 11.55 | 800 | 48.64 | 118.61 | 409.5 | 1.96 | 0.0027679 |
| 12.60 | 1050 | 52.05 | 118.14 | 409.5 | 2.29 | 0.0038711 |
| 13.55 | 950 | 55.29 | 120.43 | 409.5 | 1.85 | 0.0026230 |
| 14.60 | 1050 | 57.89 | 113.41 | 409.5 | 1.80 | 0.0023119 |

30-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-分配 (Ic) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 0.00 | 0 | 22.73 | 188.00 | 1,172.0 | 1.83 | 0.0009311 |
| 1.60 | 1200 | 23.68 | 188.00 | 706.9 | 1.19 | 0.0004263 |
| 2.80 | 1200 | 24.34 | 188.00 | 706.9 | 1.44 | 0.0007507 |
| 3.90 | 1100 | 25.87 | 188.00 | 706.9 | 2.19 | 0.0024639 |
| 4.90 | 1000 | 28.21 | 188.00 | 706.9 | 2.07 | 0.0021114 |
| 5.90 | 1000 | 30.38 | 188.00 | 706.9 | 2.13 | 0.0022717 |
| 6.90 | 1000 | 33.01 | 188.00 | 706.9 | 2.44 | 0.0032362 |
| 7.90 | 1000 | 36.00 | 188.00 | 706.9 | 2.23 | 0.0025860 |
| 8.50 | 600 | 37.77 | 188.00 | 706.9 | 2.59 | 0.0037800 |
| 9.00 | 500 | 39.48 | 188.00 | 549.0 | 1.96 | 0.0021301 |
| 9.75 | 750 | 41.61 | 188.00 | 549.0 | 2.60 | 0.0041433 |
| 10.75 | 1000 | 46.00 | 123.53 | 549.0 | 2.49 | 0.0044882 |
| 11.55 | 800 | 49.02 | 121.60 | 549.0 | 2.15 | 0.0028098 |
| 12.60 | 1050 | 52.39 | 121.10 | 549.0 | 2.49 | 0.0037953 |
| 13.55 | 950 | 55.65 | 124.12 | 549.0 | 2.07 | 0.0027130 |
| 14.60 | 1050 | 58.32 | 118.04 | 549.0 | 1.99 | 0.0023154 |

50-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|--------------|
| 0.00 | 0 | 22.98 | 188.00 | 1,302.9 | 1.89 | 0.0009269 |
| 1.50 | 1200 | 23.02 | 188.00 | 784.2 | 1.22 | 0.0071170 |
| 2.80 | 1200 | 24.56 | 188.00 | 784.2 | 1.47 | 0.0007214 |
| 3.90 | 1100 | 26.04 | 188.00 | 784.2 | 2.22 | 0.0023782 |
| 4.90 | 1000 | 28.33 | 188.00 | 784.2 | 2.15 | 0.0021598 |
| 5.90 | 1000 | 30.53 | 188.00 | 784.2 | 2.18 | 0.0022474 |
| 6.90 | 1000 | 33.14 | 188.00 | 784.2 | 2.49 | 0.0032353 |
| 7.90 | 1000 | 36.14 | 188.00 | 784.2 | 2.30 | 0.0025943 |
| 8.50 | 600 | 37.90 | 188.00 | 784.2 | 2.64 | 0.0037565 |
| 9.00 | 500 | 39.61 | 188.00 | 607.6 | 2.00 | 0.0021156 |
| 9.75 | 750 | 41.72 | 188.00 | 607.6 | 2.62 | 0.0041296 |
| 10.75 | 1000 | 46.12 | 124.84 | 607.6 | 2.58 | 0.0045424 |
| 11.55 | 800 | 49.18 | 122.70 | 607.6 | 2.22 | 0.0028031 |
| 12.60 | 1050 | 52.53 | 122.22 | 607.6 | 2.57 | 0.0037821 |
| 13.55 | 950 | 55.79 | 125.56 | 607.6 | 2.14 | 0.0027360 |
| 14.60 | 1050 | 58.48 | 119.81 | 607.6 | 2.06 | 0.0023223 |

100-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|--------------|
| 0.00 | 0 | 23.29 | 188.00 | 1,474.7 | 1.98 | 0.0009256 |
| 1.60 | 1200 | 24.25 | 188.00 | 885.7 | 1.26 | 0.0004048 |
| 2.80 | 1200 | 24.85 | 188.00 | 885.7 | 1.50 | 0.0006881 |
| 3.90 | 1100 | 26.24 | 188.00 | 885.7 | 2.26 | 0.0022667 |
| 4.90 | 1000 | 28.49 | 188.00 | 885.7 | 2.24 | 0.0022143 |
| 5.90 | 1000 | 30.71 | 188.00 | 885.7 | 2.24 | 0.0022226 |
| 6.90 | 1000 | 33.30 | 188.00 | 885.7 | 2.57 | 0.0032303 |
| 7.90 | 1000 | 36.30 | 188.00 | 885.7 | 2.38 | 0.0026069 |
| 8.50 | 600 | 38.06 | 188.00 | 885.7 | 2.71 | 0.0037233 |
| 9.00 | 500 | 39.77 | 188.00 | 684.6 | 2.05 | 0.0021008 |
| 9.75 | 750 | 41.86 | 188.00 | 684.6 | 2.67 | 0.0041061 |
| 10.75 | 1000 | 46.27 | 126.27 | 684.6 | 2.70 | 0.0046199 |
| 11.55 | 800 | 49.37 | 124.07 | 684.6 | 2.30 | 0.0027920 |
| 12.60 | 1050 | 52.69 | 123.62 | 684.6 | 2.67 | 0.0037675 |
| 13.55 | 950 | 55.97 | 127.36 | 684.6 | 2.24 | 0.0027615 |
| 14.60 | 1050 | 58.68 | 122.00 | 684.6 | 2.14 | 0.0023321 |

Existing

Rio Bermejo Future Condition (without Diversion)

2-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 56.84 | 112.50 | 66.5 | 0.40 | 0.0001229 |
| 14.85 | 250 | 56.91 | 95.66 | 66.5 | 0.69 | 0.0005797 |
| 15.60 | 750 | 59.83 | 63.03 | 66.5 | 1.76 | 0.0075894 |
| 16.50 | 900 | 64.39 | 34.45 | 66.5 | 1.59 | 0.0024856 |

5-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.59 | 121.23 | 176.1 | 0.70 | 0.0002293 |
| 14.85 | 250 | 57.67 | 114.18 | 176.1 | 0.98 | 0.0006550 |
| 15.60 | 750 | 60.33 | 69.33 | 176.1 | 2.46 | 0.0071927 |
| 16.50 | 900 | 65.20 | 42.41 | 176.1 | 2.41 | 0.0035921 |

10-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.98 | 125.69 | 243.1 | 0.81 | 0.0002561 |
| 14.85 | 250 | 58.06 | 118.61 | 243.1 | 1.08 | 0.0006232 |
| 15.60 | 750 | 60.57 | 71.00 | 243.1 | 2.75 | 0.0070259 |
| 16.50 | 900 | 65.52 | 43.07 | 243.1 | 2.81 | 0.0039992 |

30-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.38 | 130.96 | 321.2 | 0.91 | 0.0002792 |
| 14.85 | 250 | 58.46 | 123.16 | 321.2 | 1.18 | 0.0005994 |
| 15.60 | 750 | 60.82 | 72.75 | 321.2 | 3.02 | 0.0068554 |
| 16.50 | 900 | 65.83 | 43.72 | 321.2 | 3.20 | 0.0044145 |

SBFU.

50-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 比降-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.53 | 133.06 | 354.1 | 0.95 | 0.0002888 |
| 14.85 | 250 | 58.61 | 124.87 | 354.1 | 1.21 | 0.0005958 |
| 15.60 | 750 | 60.92 | 73.43 | 354.1 | 3.12 | 0.0067985 |
| 16.50 | 900 | 65.95 | 43.96 | 354.1 | 3.36 | 0.0045695 |

100-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 比降-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.73 | 136.94 | 397.4 | 1.00 | 0.0002991 |
| 14.85 | 250 | 58.81 | 127.17 | 397.4 | 1.26 | 0.0005839 |
| 15.60 | 750 | 61.04 | 74.31 | 397.4 | 3.24 | 0.0067102 |
| 16.50 | 900 | 66.09 | 44.27 | 397.4 | 3.55 | 0.0047783 |

Future

Rio Bermejo-Existing Condition

2-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 冲積-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 56.66 | 110.00 | 66.5 | 0.46 | 0.000184 |
| 14.85 | 250 | 56.76 | 83.78 | 66.5 | 0.80 | 0.000800 |
| 15.60 | 750 | 59.82 | 62.94 | 66.5 | 1.77 | 0.007744 |
| 16.50 | 900 | 64.41 | 34.62 | 66.5 | 1.56 | 0.002369 |

5-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 冲積-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.47 | 119.85 | 176.1 | 0.74 | 0.000275 |
| 14.85 | 250 | 57.57 | 112.97 | 176.1 | 1.05 | 0.000803 |
| 15.60 | 750 | 60.33 | 69.30 | 176.1 | 2.47 | 0.007287 |
| 16.50 | 900 | 65.21 | 42.44 | 176.1 | 2.39 | 0.003517 |

10-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 冲積-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.89 | 124.66 | 243.1 | 0.84 | 0.000288 |
| 14.85 | 250 | 57.98 | 117.71 | 243.1 | 1.13 | 0.000709 |
| 15.60 | 750 | 60.57 | 70.96 | 243.1 | 2.76 | 0.007128 |
| 16.50 | 900 | 65.53 | 43.09 | 243.1 | 2.79 | 0.003918 |

30-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 冲積-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.32 | 130.13 | 321.2 | 0.93 | 0.000299 |
| 14.85 | 250 | 58.41 | 122.55 | 321.2 | 1.21 | 0.000646 |
| 15.60 | 750 | 60.82 | 72.71 | 321.2 | 3.03 | 0.006937 |
| 16.50 | 900 | 65.84 | 43.74 | 321.2 | 3.19 | 0.004349 |

② 50-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 比尺-分配 (Ie) | |
|-------------|-------------|----------------|------------------|-----------|--------------|---------------|-----------|
| 14.60 | 0 | 58.48 58.35 | 122.36 105.70 | 354.1 | 0.97 3.18 | 0.011859 | 0.0003045 |
| 14.85 | 250 | 58.3750 | 122-154.36 | 354.1 | 1.24 1.35 | 0.000825 | 0.0006321 |
| 15.60 | 750 | 60.9091 | 73.279340 | 354.1 | 3.12 3.17 | 0.007134 | 0.0005093 |
| 16.50 | 900 | 66.00 | 44.06 43.48 | 354.1 | 3.34 3.29 | 0.004300 | 0.0045125 |

100-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 比尺-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.68 | 135.82 | 397.4 | 1.01 | 0.000313 |
| 14.85 | 250 | 58.76 | 126.63 | 397.4 | 1.28 | 0.000617 |
| 15.60 | 750 | 61.04 | 74.26 | 397.4 | 3.25 | 0.006784 |
| 16.50 | 900 | 66.11 | 44.29 | 397.4 | 3.53 | 0.004718 |

Rio Bermejo Future Condition (with Diversion)

2-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 河積 (A) | 流速 (V) | 比尺-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 56.61 | 109.31 | 66.5 | 139.08 | 0.48 | 0.0002074 |
| 14.85 | 250 | 56.72 | 83.47 | 66.5 | 80.49 | 0.83 | 0.0009001 |
| 15.60 | 750 | 59.82 | 62.95 | 66.5 | 37.64 | 1.77 | 0.0077336 |
| 16.50 | 900 | 64.41 | 34.60 | 66.5 | 42.45 | 1.57 | 0.0023771 |

5-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 河積 (A) | 流速 (V) | 比尺-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.39 | 118.94 | 176.1 | 228.27 | 0.77 | 0.000312 |
| 14.85 | 250 | 57.51 | 112.09 | 176.1 | 161.27 | 1.09 | 0.000918 |
| 15.60 | 750 | 60.33 | 69.28 | 176.1 | 71.31 | 2.47 | 0.0073248 |
| 16.50 | 900 | 65.22 | 42.44 | 176.1 | 73.83 | 2.39 | 0.0034868 |

10-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 河積 (A) | 流速 (V) | 比尺-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.78 | 123.40 | 243.1 | 275.63 | 0.88 | 0.0003335 |
| 14.85 | 250 | 57.89 | 116.65 | 243.1 | 204.73 | 1.19 | 0.0008327 |
| 15.60 | 750 | 60.56 | 70.92 | 243.1 | 87.73 | 2.77 | 0.0072262 |
| 16.50 | 900 | 65.54 | 43.12 | 243.1 | 87.79 | 2.77 | 0.0038393 |

30-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 河積 (A) | 流速 (V) | 比尺-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.20 | 128.45 | 321.2 | 328.37 | 0.98 | 0.0003422 |
| 14.85 | 250 | 58.30 | 121.34 | 321.2 | 253.52 | 1.27 | 0.0007514 |
| 15.60 | 750 | 60.81 | 72.64 | 321.2 | 105.36 | 3.05 | 0.007082 |
| 16.50 | 900 | 65.86 | 43.78 | 321.2 | 101.60 | 3.16 | 0.0042324 |

SBFUD. XLS

50-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 河積 (A) | 流速 (V) | 工程-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.36 | 130.69 | 354.1 | 349.12 | 1.01 | 0.0003469 |
| 14.85 | 250 | 58.46 | 123.14 | 354.1 | 272.79 | 1.30 | 0.0007296 |
| 15.60 | 750 | 60.90 | 73.32 | 354.1 | 112.42 | 3.15 | 0.0070232 |
| 16.50 | 900 | 65.98 | 44.03 | 354.1 | 106.88 | 3.31 | 0.0043884 |

100-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 河積 (A) | 流速 (V) | 工程-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.56 | 133.47 | 397.4 | 375.54 | 1.06 | 0.0003524 |
| 14.85 | 250 | 58.66 | 125.40 | 397.4 | 297.30 | 1.34 | 0.0007067 |
| 15.60 | 750 | 61.03 | 74.18 | 397.4 | 121.44 | 3.27 | 0.0069495 |
| 16.50 | 900 | 66.13 | 44.34 | 397.4 | 113.47 | 3.50 | 0.0045844 |

SPFU.

Existing
Rio Piedras Future Condition (without Diversion)

2-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 56.84 | 84.46 | 57.4 | 0.38 | 0.0000854 |
| 14.85 | 250 | 57.03 | 57.58 | 57.4 | 1.15 | 0.0019874 |
| 15.60 | 750 | 62.54 | 47.81 | 57.4 | 2.17 | 0.0132102 |
| 16.85 | 1,250 | 72.69 | 49.22 | 57.4 | 1.35 | 0.0027588 |

5-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.59 | 90.33 | 151.7 | 0.71 | 0.0001948 |
| 14.85 | 250 | 57.76 | 77.93 | 151.7 | 1.48 | 0.0019018 |
| 15.60 | 750 | 63.02 | 60.38 | 151.7 | 2.88 | 0.0126715 |
| 16.85 | 1,250 | 72.90 | 50.55 | 151.7 | 2.85 | 0.0094375 |

10-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.98 | 93.28 | 208.9 | 0.83 | 0.0002313 |
| 14.85 | 250 | 58.12 | 81.95 | 208.9 | 1.60 | 0.0016906 |
| 15.60 | 750 | 63.24 | 64.28 | 208.9 | 3.14 | 0.0119631 |
| 16.85 | 1,250 | 73.13 | 51.97 | 208.9 | 3.21 | 0.0095395 |

30-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.38 | 96.29 | 275.1 | 0.95 | 0.0002623 |
| 14.85 | 250 | 58.49 | 85.83 | 275.1 | 1.69 | 0.0015186 |
| 15.60 | 750 | 63.46 | 67.28 | 275.1 | 3.39 | 0.0113719 |
| 16.85 | 1,250 | 73.36 | 53.40 | 275.1 | 3.56 | 0.0096749 |

SPFU.

50-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.53 | 97.42 | 303.0 | 1.00 | 0.0002746 |
| 14.85 | 250 | 58.64 | 86.91 | 303.0 | 1.73 | 0.0014696 |
| 15.60 | 750 | 63.55 | 67.56 | 303.0 | 3.49 | 0.0111336 |
| 16.85 | 1,250 | 73.45 | 53.96 | 303.0 | 3.69 | 0.0097042 |

100-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 沖刷-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.73 | 98.93 | 339.8 | 1.05 | 0.0002862 |
| 14.85 | 250 | 58.83 | 88.34 | 339.8 | 1.77 | 0.0013960 |
| 15.60 | 750 | 63.65 | 67.93 | 339.8 | 3.62 | 0.0108762 |
| 16.85 | 1,250 | 73.57 | 54.66 | 339.8 | 3.85 | 0.0097509 |

SPEX.

Future
Rio Piedras Existing Condition (without Diversion)

2-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 56.66 | 82.44 | 57.4 | 0.43 | 0.0001176 |
| 14.85 | 250 | 56.92 | 51.84 | 57.4 | 1.32 | 0.0026887 |
| 15.60 | 750 | 62.55 | 48.05 | 57.4 | 2.14 | 0.0127405 |
| 16.85 | 1,250 | 72.65 | 48.99 | 57.4 | 1.41 | 0.0031827 |

5-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.47 | 89.43 | 151.7 | 0.74 | 0.0002280 |
| 14.85 | 250 | 57.68 | 77.04 | 151.7 | 1.58 | 0.0023019 |
| 15.60 | 750 | 63.02 | 60.38 | 151.7 | 2.88 | 0.0126715 |
| 16.85 | 1,250 | 72.90 | 50.55 | 151.7 | 2.85 | 0.0094375 |

10-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 57.89 | 92.60 | 208.9 | 0.86 | 0.0002563 |
| 14.85 | 250 | 58.05 | 81.20 | 208.9 | 1.67 | 0.0019258 |
| 15.60 | 750 | 63.24 | 64.28 | 208.9 | 3.14 | 0.0119631 |
| 16.85 | 1,250 | 73.13 | 51.97 | 208.9 | 3.21 | 0.0095395 |

30-year flood

| 距離標 (Km) | 區間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.32 | 95.84 | 275.1 | 0.97 | 0.0002787 |
| 14.85 | 250 | 58.44 | 85.46 | 275.1 | 1.74 | 0.0016460 |
| 15.60 | 750 | 63.46 | 67.28 | 275.1 | 3.39 | 0.0113719 |
| 16.85 | 1,250 | 73.36 | 53.40 | 275.1 | 3.56 | 0.0096749 |

SPEX.

50-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.48 | 97.05 | 303.0 | 1.01 | 0.0002882 |
| 14.85 | 250 | 58.59 | 86.59 | 303.0 | 1.77 | 0.0015671 |
| 15.60 | 750 | 63.55 | 67.56 | 303.0 | 3.49 | 0.0111336 |
| 16.85 | 1,250 | 73.45 | 53.96 | 303.0 | 3.69 | 0.0097042 |

100-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料-勾配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.68 | 98.65 | 339.8 | 1.07 | 0.0002997 |
| 14.85 | 250 | 58.78 | 88.02 | 339.8 | 1.81 | 0.0014836 |
| 15.60 | 750 | 63.65 | 67.93 | 339.8 | 3.62 | 0.0108762 |
| 16.85 | 1,250 | 73.57 | 54.66 | 339.8 | 3.85 | 0.0097509 |

SPFUD.

Rio Piedras ^{Future Condition} Existing Condition (with Diversion)

2-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|----------|----------|--------|--------|--------|--------|------------|
| 14.60 | 0 | 56.61 | 81.88 | 57.4 | 0.44 | 0.0001292 |
| 14.85 | 250 | 56.90 | 51.33 | 57.4 | 1.35 | 0.0029255 |
| 15.60 | 750 | 62.55 | 48.15 | 57.4 | 2.13 | 0.0125534 |
| 16.85 | 1,250 | 72.63 | 48.91 | 57.4 | 1.44 | 0.0033539 |

5-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|----------|----------|--------|--------|--------|--------|------------|
| 14.60 | 0 | 57.39 | 88.83 | 151.7 | 0.77 | 0.0002543 |
| 14.85 | 250 | 57.63 | 76.49 | 151.7 | 1.64 | 0.0026019 |
| 15.60 | 750 | 63.02 | 60.40 | 151.7 | 2.88 | 0.0126090 |
| 16.85 | 1,250 | 73.29 | 52.94 | 151.7 | 2.07 | 0.0034614 |

10-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|----------|----------|--------|--------|--------|--------|------------|
| 14.60 | 0 | 57.78 | 91.77 | 208.9 | 0.90 | 0.0002918 |
| 14.85 | 250 | 57.97 | 80.33 | 208.9 | 1.75 | 0.0022528 |
| 15.60 | 750 | 63.24 | 64.28 | 208.9 | 3.14 | 0.0119631 |
| 16.85 | 1,250 | 73.13 | 51.97 | 208.9 | 3.21 | 0.0095395 |

30-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 材料之分配 (Ie) |
|----------|----------|--------|--------|--------|--------|------------|
| 14.60 | 0 | 58.20 | 94.93 | 275.1 | 1.01 | 0.0003156 |
| 14.85 | 250 | 58.35 | 84.57 | 275.1 | 1.83 | 0.0019279 |
| 15.60 | 750 | 63.46 | 67.28 | 275.1 | 3.39 | 0.0113719 |
| 16.85 | 1,250 | 73.36 | 53.40 | 275.1 | 3.56 | 0.0096749 |

SPFUD.

50-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 冲刷-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.36 | 96.14 | 303.0 | 1.06 | 0.0003246 |
| 14.85 | 250 | 58.50 | 85.87 | 303.0 | 1.86 | 0.0018282 |
| 15.60 | 750 | 63.55 | 67.56 | 303.0 | 3.49 | 0.0111336 |
| 16.85 | 1,250 | 73.45 | 53.96 | 303.0 | 3.69 | 0.0097042 |

100-year flood

| 距離標 (Km) | 区間距離 (m) | 水位 (H) | 河幅 (B) | 流量 (Q) | 流速 (V) | 冲刷-分配 (Ie) |
|-------------|-------------|-----------|-----------|-----------|-----------|---------------|
| 14.60 | 0 | 58.56 | 97.65 | 339.8 | 1.11 | 0.0003355 |
| 14.85 | 250 | 58.68 | 87.27 | 339.8 | 1.90 | 0.0017178 |
| 15.60 | 750 | 63.65 | 67.93 | 339.8 | 3.62 | 0.0108762 |
| 16.85 | 1,250 | 73.57 | 54.66 | 339.8 | 3.85 | 0.0097509 |

