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MINISTERIO DE ENERGIA Y MINAS

INSTITUTO NACIONAL
DE
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ANUARIO HIDROLOGICO 1997

Nro. 35

Quito - Ecuador



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INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA -INAMHI-

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PREFACIO

Desde el punto de vista del futuro conocimiento sobre los Recursos Hídricos, la confiabilidad de los datos necesarios para determinar las variaciones y tendencias de los niveles y caudales de los ríos, capacidad y rendimiento de los acuíferos, calidad del agua y transporte de sedimentos, depende de la extensión y continuidad de los registros y de la cobertura y representatividad de los puntos de medición, esta confiabilidad depende de la efectividad en la operación y mantenimiento de las estaciones de observación, medición y registro.

Consciente de su responsabilidad, el Instituto Nacional de Meteorología e Hidrología, pone a disposición de los usuarios, el presente Anuario Hidrológico No. 35 correspondiente al año 1997, contribuyendo con acierto a difundir la información hidrológica para el mejor conocimiento, evaluación y gestión del recurso agua y la ejecución de proyectos que beneficien al país.

A handwritten signature in dark ink, appearing to read 'Nelson Salazar', with a large, stylized flourish at the end.

Ing. Nelson Salazar D.
DIRECTOR EJECUTIVO DEL INAMH

INTRODUCCION

Al INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA -INAMHI-, en una de sus funciones operativas fundamentales, le corresponde mantener y operar conjuntamente con otras instituciones afines, la Red Nacional de Estaciones Hidrológicas de superficie y agua subterránea; actividad a cargo de la Dirección de Hidrología y sus Departamentos. El presente anuario es uno de los productos del Sistema de Procesamiento básico de la Información Hidrológica, colectada en las estaciones de la Red Básica Nacional para el año de 1997.

El procesamiento de la información hidrológica es un sistema integrante del Banco Nacional de Datos Hidrometeorológico, en que se ingresan los registros de observación de las distintas estaciones de la Red Nacional; se realizan diferentes etapas de control de calidad; y, luego de varios niveles de procesamiento que permiten el análisis de consistencia de la información, se generan finalmente series estadísticas que son la base para la mayoría de las aplicaciones y servicios al usuario que requiere información hidrológica. Los documentos fuente, los respaldos magnéticos de los registros, las series resultantes del procesamiento y procedimientos conforman el denominado Banco de Datos Hidrológicos, el que está bajo responsabilidad de la Dirección de Informática.

El Anuario Hidrológico está constituido de tres secciones: La parte primera es una descripción general de los procedimientos bajo los cuales se realiza la toma de información y su procesamiento, así como los criterios que se aconsejan al usuario para el uso de la información publicada.

La parte segunda del anuario corresponde a los cuadros estadísticos que contienen la información hidrológica, hidrogeológica, hidroquímica y sedimentológica, colectada en la mayoría de las estaciones activas de la red, correspondiente al año del Anuario. Esta parte está constituida principalmente por los cuadros de niveles medios diarios, de estaciones hidrométricas que tienen al menos seis meses de información y, de cuadros de caudales medios diarios con su respectivo gráfico de variación anual de estaciones en las cuales se estableció una ecuación de gasto líquido confiable. La información procesada en el Departamento de Aguas Subterráneas son los reportes de aforos de gasto sólido y el registro de análisis físico - químico de muestras de agua.

En la tercera parte, complementariamente se presentan: el mapa con la ubicación de las estaciones con información publicada, el inventario de todas las estaciones hidrométricas superficiales catalogadas por la Institución y el inventario de estaciones en que se dispone de registros de información sedimentológica.

El INAMHI, permanentemente esta recopilando información hidrometeorológica, por lo que a la fecha de la publicación de este anuario, habrá información adicional que estará disponible para la consulta del usuario interesado.

PARTE I

Nociones generales

1. ESPECIFICACIONES SOBRE EL REGISTRO Y PROCESAMIENTO DE DATOS

1.1 INSTALACION DE LAS ESTACIONES E INSTRUMENTAL

La instalación de las estaciones, así como la ubicación del instrumental para la toma y/o registro de los datos hidrológicos, han sido realizadas de acuerdo a normas internacionales.

A continuación, se citan algunas definiciones relacionadas con las estaciones, parámetros, instrumentos y las características de su instalación.

a) Estación Hidrométrica o Fluviométrica

Es el lugar donde se realizan sistemáticamente mediciones de caudal, sedimentos, muestreo hidroquímico y/u observaciones del nivel de agua, lo que permite conocer el régimen en un río, canal o el nivel de un lago o embalse.

Se denomina caudal, al volumen de agua que pasa por una sección transversal de una corriente en la unidad de tiempo y se mide en metros cúbicos por segundo (m^3/s) o en litros por segundo (l/s).

b) Aforo

Se denomina aforo a la medición de un caudal o volumen de sedimento en suspensión.

c) Altura limnimétrica o Nivel de Agua.

Se denomina altura limnimétrica a la cota de la superficie del agua con relación a un punto de referencia que puede tener una cota arbitraria o ser el nivel del mar.

El instrumento de medida se denomina limnómetro o piezómetro constituida por una regla de lectura directa. Adicionalmente la estación hidrométrica puede contar con un instrumento de registro continuo denominado limnógrafo o piezógrafo.

d) Red Hidrométrica Superficial.

Es un conjunto de estaciones de medida que sirven para definir el régimen de un río, de una cuenca, de una región o del país.

La red puede comprender estaciones hidrométricas de Primero, Segundo, Tercer Orden o para fines especiales.

e) Red Hidrométrica Subterránea

Es un conjunto de puntos de agua que sirven para mediciones del nivel freático, muestreo para calidad físico-químico y otros parámetros de aguas subterráneas.

1.2 OBTENCION DE LA INFORMACIÓN

La toma del dato de la información limnimétrica se la obtiene a través de mediciones periódicas realizadas por el observador de la estación. En el caso de la red hidrométrica se registra una vez en la mañana y otra en la tarde, procurando en lo posible realizarla siempre a la misma hora. La información es registrada en los formularios diseñados para el efecto y tienen capacidad para contener la información diaria de un mes, que posteriormente es enviada a las oficinas centrales de la Institución para su catalogación, archivo y procesamiento respectivo.

La obtención de datos de muestreo del caudal para una estación se lo realiza a través de campañas de Aforo de gasto líquido, cuya planificación y ejecución corresponde al personal técnico del Departamento de Hidrometría.

Los datos de sedimento en suspensión, se obtienen de manera similar al caso anterior y se conocen como aforos de gasto sólido.

Adicionalmente a la toma de datos por el Observador y Operador de la estación, también existen los registros gráficos (limnigramas), los cuales determinan la variación del nivel en el tiempo, de una manera continua. Estos son de diversa índole, pudiendo ser diarios, semanales, mensuales o para un período específico, dependiendo del instrumento registrador y del mantenimiento de la estación.

La obtención de los datos sobre pozos, manantiales y calidad físico-químico del agua está a cargo de los técnicos del Departamento de Aguas Subterráneas.

1.3 PROCESAMIENTO DE LA INFORMACIÓN

a) Niveles

Los niveles medios diarios de agua, se obtienen por el promedio ponderado de las lecturas limnigráficas registradas en 24 horas en aquellas estaciones que tienen limnógrafo, o por medio de las dos lecturas diarias para aquellas que tan solo disponen de limnómetro. Para las estaciones que cuentan con los dos tipos de registros, generalmente se utilizan las lecturas limnimétricas únicamente para períodos en los que no existen datos limnigráficos.

b) Caudales

Para el cálculo de caudales a partir de las lecturas limnimétricas y/o limnigráficas, es necesario contar con la curva de gasto líquido (curva de descarga), la que es obtenida mediante un ajuste de mínimos cuadrados a partir de los caudales obtenidos de los aforos realizados en una estación.

Los caudales medios diarios se obtienen como un promedio aritmético ponderado de los valores parciales de caudales generados en base de los niveles observados, a través de su respectiva curva de gasto líquido.

c) Sedimentos

Las muestras que llegan del campo son procesadas en laboratorio especializado, en donde se obtiene la concentración del sedimento y mediante procedimientos específicos se efectúa el cálculo para definir caudales sólidos y las ecuaciones respectivas.

d) Información de pozos y vertientes.

Mediante cálculo y utilizando formatos preestablecidos se registran los niveles y otros parámetros de aguas subterráneas. La ubicación se registra en cartas a 1:50000.

e) Hidroquímica.

Con fin de conocer la calidad del agua, definir su composición y los efectos que pueden causar los elementos que contiene, en el laboratorio de Hidroquímica se analizan las muestras de agua superficial y subterránea.

2. CODIFICACION DE LA RED DE ESTACIONES HIDROLOGICAS.

2.1 ESTRUCTURA DEL CODIGO DE LA ESTACION.

El Banco Nacional de Datos Hidrometeorológicos, ha normalizado el código de identificación de las estaciones Hidrológicas para facilitar su identificación y administración de toda la información dependiente, sean datos generales, inventario, registros, series, etc.

El código de la estación está formado actualmente por cuatro caracteres, siendo el primero una letra que identifica la red de estaciones que, para el caso de la red de estaciones hidrométricas es la letra H y para las estaciones de aguas subterráneas S. Los otros tres caracteres pueden ser letras y/o números, representan un identificador de la estación dentro de la red. Este código es único, de modo que, cuando una estación ha dejado de funcionar o ha sido levantada, se lo mantiene por cuanto identifica la información que se generó en esa estación.

2.2 DATOS GENERALES DE LA ESTACION

Para cada una de las estaciones de la red, se publican en el inventario los siguientes datos generales:

- * Código de la Estación.
- * Nombre de la Estación.
- * Código de Tipo-estación
- * Código Zona hidrológica
- * Ubicación Geográfica:(Latitud, Longitud y Altura en m.s.n.m).
- * Ubicación política : código de provincia.
- * Institución propietaria
- * Fecha de iniciación de observaciones
- * Fecha de levantamiento/suspensión

Para facilitar la publicación del inventario ha obligado a mantener la codificación de determinados parámetros, los que se detallan a continuación que responden al tipo de estación, la zona Hidrológica, así como de provincias.

CODIGO DEL TIPO DE ESTACION

EQUIVALENCIA

LG	Limnigráfica
LM	Limnimétrica
AU	Plataforma Colectora de Datos
PP	Pozo perforado
PE	Pozo excavado
VV	Vertiente
VT	Vertiente termal
Ga	Galería

CODIGO DE LA ZONA HIDROLÓGICA

CUENCA HIDROGRAFICA DEL RIO

010	Mataje
020	Mira
030	Carchi
040	Verde
050	Cayapas-Onzole
060	Muisne
070	Cojimíes
080	Esmeraldas

CODIGO DE LA ZONA HIDROLÓGICA

090
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320

CUENCA HIDROGRAFICA DEL RIO

Jama
Chone
Portoviejo
Jipijapa
Guayas
Zapotal
Taura
Cañar
Balao
Jubones
Arenillas
Puyango
Catamayo
San Miguel-Putumayo
Aguarico
Napo
Curaray
Pastaza
Tigre
Santiago
Morona
Mayo Chinchipe
Cenepa
Galápagos

CODIGO DE LA UBICACION POLITICA

10
11
12
13
14
15
16
17
18
19
20
21
22
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24
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32
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34
40

NOMBRE DE LA PROVINCIA

Carchi
Imbabura
Pichincha
Cotopaxi
Tungurahua
Bolívar
Chimborazo
Cañar
Azuay
Loja
Esmeraldas
Manabí
Los Ríos
Guayas
El Oro
Napo
Pastaza
Morona Santiago
Zamora Chinchipe
Sucumbíos
Galápagos

3. INSTRUCTIVO PARA USO DEL ANUARIO

3.1 CONSIDERACIONES GENERALES.

Para facilitar el manejo del anuario y especialmente los reportes estadísticos de los niveles y caudales a nivel diario de las estaciones hidrológicas superficiales, se incluye al inicio de la Parte Segunda el índice de estaciones ordenadas alfabéticamente por nombre, que tienen cuadros de niveles y caudales, acompañados de datos generales de ubicación más importantes, así como el número de la página en la cual se encuentra el cuadro de niveles diarios y en determinadas estaciones el número de la página del cuadro de caudales. De igual forma, en el mapa de ubicación de estaciones constan únicamente las estaciones de las cuales tienen información en el anuario y que además tengan coordenadas geográficas.

Se adjunta el inventario general de las estaciones hidrológicas de superficie, agrupadas por cuenca y ordenadas alfabéticamente según el nombre de la estación, acompañadas de la información básica de ubicación, así como de la fechas de instalación y levantamiento, salvo algunas excepciones que a la fecha de la preparación de la presente publicación no se disponía de esos datos.

Tanto las áreas de las cuencas hidrográficas como la ubicación de las diferentes estaciones, se han determinado en base de las Cartas del Instituto Geográfico Militar en escalas 1:200000 y 1:50000, así como de datos provenientes de otras instituciones para aquellas estaciones que no opera el INAMHI. Las alturas de las estaciones sobre el nivel del mar se han determinado en su mayoría por mediciones hechas con altímetro.

Con relación a los valores registrados en los cuadros de niveles y caudales se aconseja al usuario tomar en cuenta las siguientes consideraciones:

- Los cuadros están organizados por año calendario y no por año hidrológico. Se publica la información de las estaciones que cuentan con al menos seis meses de información.
- El asterisco (*) que acompaña al valor representa un dato proveniente de lecturas limnimétricas. El espacio en blanco indica carencia del dato o inexistencia del instrumental en esa estación; o bien, insuficiencia de datos para los cálculos estadísticos.
- Los valores medios mensuales, máximos y mínimos instantáneos corresponden a una estadística de al menos 20 días de registro de observaciones.
- Para las estaciones en las que no se ha podido establecer la curva de descarga hasta la publicación del presente Anuario, se publican únicamente los niveles correspondientes.
- Los valores de caudales están normalizados con tres decimales, pero se aconseja considerar solamente 3 dígitos significativos.

El INAMHI posee información específica, tanto observada o registrada como procesada de todos los datos que se generan en la red de estaciones de su propiedad; así como, de otras Instituciones, la misma que, no ha sido publicada en el presente Anuario y que podrá ser entregada a los usuarios de acuerdo a sus requerimientos.

PARTE II

Cuadros estadísticos y resúmenes.

INDICE DE ESTACIONES HIDROLOGICAS CON CUADROS DE NIVELES Y CAUDALES PUBLICADOS

CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA	LATITUD			LONGITUD			ALTURA	PROVIN-	INSTITU-	Página del cuadro	
				HIDRO	GG	MM	SS	GG	MM				SS	Niveles
H136	ALAMBI EN CHURUPAMBA	LG	80	0 °	9	0 " N	78 °	40	50 " W	920	12	INECEL	20	71
H625	ALAMOR EN PTE.MERCADILLO	LG	210	4 °	1	16 " S	79 °	58	34 " W	1080	19	INAMHI	55	
H616	ALAMOR EN SAUCILLO(DJ CELICA)	LG	210	4 °	15	50 " S	80 °	11	53 " W	299	19	INAMHI	53	107
H787	ALAO EN HDA.ALAO	LG	260	1 °	52	11 " S	78 °	30	40 " W	3200	16	INAMHI	60	111
H023	AMBI DJ CARIYACU	LG	20	0 °	22	33 " N	78 °	12	42 " W	2015	11	INAMHI	15	
H385	ANGAS AJ CHANCHAN	LG	130	2 °	18	6 " S	79 °	3	45 " W	742	16	INAMHI	44	
H016	APAQUI AJ CHOTA	LG	20	0 °	26	51 " N	77 °	56	5 " W	1715	10	INAMHI	14	
H017	APAQUI D GRUTA LA PAZ #3	LG	20	0 °	30	2 " N	77 °	50	46 " W	2365	10	INAMHI	15	
H045	APAQUI DJ MINAS	LG	20	0 °	32	32 " N	77 °	46	55 " W	2650	10	INAMHI	18	
H617	ARENAL EN PTE.BOQUERON	LG	210	4 °	3	16 " S	79 °	22	25 " W	1390	19	INAMHI	53	
H574	ARENILLAS EN ARENILLAS	LM	190	3 °	34	16 " S	80 °	2	47 " W	60	24	INAMHI	51	104
H326	BABA DJ TOACHI-DCP	AU	130	0 °	39	50 " S	79 °	23	5 " W	100	22	INAMHI	35	93
H791	BALSACON EN SAN ANDRES	LM	260	1 °	34	15 " S	78 °	43	14 " W	3000	16	INAMHI	62	
H013	BLANCO AJ MIRA	LG	20	0 °	45	42 " N	78 °	16	28 " W	890	10	INECEL	13	
H138	BLANCO DJ TOACHI(PTE.UNICOOP)	LM	80	0 °	1	0 " S	79 °	21	10 " W		12	INAMHI	20	72
H139	BLANCO EN LOS BANCOS	LG	80	0 °	0	20 " N	78 °	52	25 " W	795	12	INECEL	21	73
H024	BLANCO EN PTE.CARRETERA	LG	20	0 °	15	14 " N	78 °	17	57 " W	0	11	INAMHI	16	
H093	BOBO EN PLTA.ELEC.TULCAN	LM	30	0 °	48	58 " N	77 °	44	55 " W	2880	10	INAMHI	19	
H216	BUA AJ QUININDE	LG	80	0 °	1	15 " S	79 °	35	26 " W		12	INAMHI	33	90
H447	BULUBULU AJ PAYO	LG	150	2 °	18	23 " S	79 °	28	33 " W	40	23	INAMHI	46	100
H327	CAJONES EN KM.18 1/2	LG	130	0 °	14	46 " S	79 °	19	25 " W		12	CRM	35	94
H764	CALAMACA DJ Q.HUARCUSACHA	LG	260	1 °	16	21 " S	78 °	49	2 " W	3440	14		59	
H619	CANAL ARENAL	LM	210	4 °	3	16 " S	79 °	22	25 " W	1390	19	INAMHI	54	
H332	CANAL CHIMBO EN SAN LORENZO	LM	130	1 °	40	11 " S	79 °	0	15 " W	2400	15	INAMHI	37	
H799	CANAL MULALILLO	LM	260	1 °	3	34 " S	78 °	41	32 " W		13	INAMHI	63	
H471	CANNAR DJ RAURA	LG	160	2 °	28	10 " S	79 °	7	45 " W		17	INAMHI	48	102
HA22	CAONI A.J. BLANCO	LG	80	0 °	7	20 " N	79 °	15	11 " W	140	12	PREDESUR	70	122
H531	CASACAY AJ JUBONES	LM	180	3 °	19	32 " S	79 °	43	24 " W	110	24	INAMHI	50	
H790	CEBADAS AJ GUAMOTE	LG	260	1 °	53	0 " S	78 °	38	18 " W	2840	16	INAMHI	61	
H929	COLLAY AJ PAUTE	LG	280	2 °	45	30 " S	78 °	38	59 " W	2110	18	INECEL	68	
H731	COSANGA AJ QUIJOS	LG	240	0 °	29	30 " S	77 °	51	50 " W	1740	30	INAMHI	58	
H792	CUTUCHI AJ YANAYACU	LG	260	1 °	3	41 " S	78 °	36	7 " W	2692	13	INAMHI	62	114
H826	CHAMBO EN HDA.CAHUAI	LG	260	1 °	27	30 " S	78 °	29	26 " W	2295	14	INECEL	64	
H375	CHANCHAN DJ HUATAXI	LM	130	2 °	18	40 " S	78 °	56	42 " W		16	INECEL	43	
H272	CHICO AJ PORTOVIEJO	LG	110	0 °	59	6 " S	80 °	25	9 " W		21	CRM	34	92
H390	CHIMBO AJ MILAGRO INAMHI	LM	130	2 °	6	5 " S	79 °	41	37 " W	30	23	INAMHI	44	
H338	CHIMBO DJ PANGOR	LG	130	1 °	55	56 " S	79 °	0	27 " W	1452	15	INAMHI	39	
H340	CHIMBO EN BUCAY	LG	130	2 °	11	39 " S	79 °	8	25 " W	297	23	INAMHI	39	
H331	CHIMBO EN SAN LORENZO	LG	130	1 °	40	11 " S	79 °	0	16 " W	2400	15	INAMHI	36	95
H015	CHOTA EN PTE.CARRETERA	LG	20	0 °	28	48 " N	78 °	4	25 " W	1515	10	INAMHI	14	
H179	DAMAS EN CTO.INECEL(EN DAMAS)	LM	80	0 °	22	25 " S	78 °	59	15 " W	1030	12	INECEL	32	89
H354	DAULE EN LA LINDA	LM	130	1 °	20	2 " S	79 °	53	24 " W	8	23	CEDEGE	42	
H391	DAULE EN STA.LUCIA	LG	130	1 °	42	30 " S	79 °	58	55 " W	12	23	INAMHI	45	
H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)	LG	130	1 °	51	27 " S	79 °	4	14 " W	2100	15	INECEL	38	
H902	DUDAS EN PINDILIG	LG	280	2 °	37	45 " S	78 °	40	6 " W	2450	17	INECEL	67	120
H343	ECHENDIA EN ECHENDIA	LG	130	1 °	26	5 " S	79 °	15	55 " W	425	15	INAMHI	40	
H168	ESMERALDAS DJ SADE	LG	80	0 °	31	24 " N	79 °	24	55 " W	50	20	INAMHI	30	86
H091	GRANDE AJ JATIVA	LG	30	0 °	48	18 " N	77 °	50	50 " W	3120	10	INAMHI	19	
H143	GRANOBLES AJ GUACHALA	LG	80	0 °	1	33 " N	78 °	10	0 " W	2750	12	INAMHI	21	
H144	GUACHALA AJ GRANOBLES	LG	80	0 °	0	47 " N	78 °	9	30 " W	2740	12	INAMHI	22	
H789	GUARGUALLA AJ CEBADAS	LG	260	1 °	52	13 " S	78 °	36	8 " W	2828	16	INAMHI	61	113
H170	GUAYLLABAMBA AJ BLANCO	LM	80	0 °	26	19 " N	79 °	23	38 " W	90	20	INAMHI	30	87
H146	GUAYLLABAMBA DJ ALAMBI	LG	80	0 °	14	10 " N	78 °	44	30 " W	625	11	INAMHI	22	74
H147	GUAYLLABAMBA DJ PACHIJAL	LG	80	0 °	13	20 " N	78 °	59	36 " W	410	12	INECEL	23	75
H148	GUAYLLABAMBA DJ PISQUE	LG	80	0 °	0	56 " N	78 °	24	18 " W	1690	12	INECEL	23	
H149	GUAYLLABAMBA EN PTE.CHACAPATA	LG	80	0 °	11	6 " N	78 °	38	44 " W	860	11	INECEL	24	76
H150	INTAG DJ PAMPLONA	LG	80	0 °	13	20 " N	78 °	37	25 " W	1000	11	INECEL	24	
H026	ITAMBI EN L.S.PABLO	LM	20	0 °	11	50 " N	78 °	12	32 " W	2650	11	INAMHI	16	
H721	JATUNYACU DJ ILOCULIN	LG	240	1 °	5	0 " S	77 °	54	20 " W	570	30	INECEL	57	
H621	JORUPE EN AMALUZA	LM	210	4 °	34	41 " S	79 °	25	26 " W	1655	19	PREDESUR	54	108
H529	JUBONES DJ S.FRANCISCO	LG	180	3 °	18	29 " S	79 °	30	18 " W	680	18	INAMHI	49	
H530	JUBONES EN USHCURRUMI	LM	180	3 °	19	11 " S	79 °	35	55 " W	230	18	INAMHI	49	103
H233	JUNIN DJ EST.PALMAR	LG	100	0 °	54	17 " S	80 °	11	0 " W	20	21	INAMHI	33	91
H153	LELIA DJ CRISTAL	LM	80	0 °	22	14 " S	79 °	1	32 " W	860	12	INECEL	25	77
H352	MACUL EN PTE.CARRETERA	LM	130	1 °	3	43 " S	79 °	36	48 " W	30	23	INAMHI	42	99
HA2M	MATADERO EN CHIRIMACHAY	AU	280	2 °	48	12 " S	78 °	8	45 " W	3260	18	INAMHI	69	
H896	MATADERO EN SAYAUSI	LG	280	2 °	52	1 " S	79 °	4	0 " W	2645	18	INAMHI	66	118
H011	MIRA EN LITA	LG	20	0 °	50	57 " N	78 °	27	49 " W	475	20	INAMHI	13	
H720	MISAHUALLI EN COTUNDO	LG	240	0 °	50	30 " S	77 °	47	4 " W	800	30	INECEL	56	
HA30	MULAUTE D.J. COCANIGUAS	LG	80	0 °	6	25 " N	79 °	0	8 " W	520	12		70	123
H793	NAGSICHE PLTA.ELEC.CUSUBAMBA	LM	260	1 °	3	42 " S	78 °	41	25 " W	2960	13	INAMHI	63	115
H783	OZOGOCHÉ EN LOS LAGOS	LG	260	2 °	13	45 " S	78 °	36	45 " W	3715	16	INAMHI	59	
HA2Y	PACHIJAL A.J. GUAYLLABAMBA	LG	80	0 °	9	50 " N	78 °	56	6 " W	520	12		69	121
H359	PAJAN EN AGUA FRIA	LG	130	1 °	36	30 " S	80 °	22	31 " W		21	J.R.H.	43	
H337	PANGOR AJ CHIMBO	LG	130	1 °	55	55 " S	79 °	0	10 " W	1480	15	INECEL	38	
H817	PATATE DJ AMBATO	LG	260	1 °	15	0 " S	78 °	30	36 " W		14	INECEL	64	
H448	PAYO AJ BULUBULU	LM	150	2 °	15	11 " S	79 °	33	23 " W	25	23	INAMHI	46	
H329	PILALO EN LA ESPERANZA	LM	130	0 °	51	45 " S	79 °	5	10 " W	920	13	INAMHI	36	
H156	PILATON AJ TOACHI	LG	80	0 °	18	37 " S	78 °	55	52 " W	890	12	INAMHI	25	78
H587	PINDO AJ AMARILLO	LG	200	3 °	45	43 " S	79 °	38	8 " W	563	24	INAMHI	51	105
H158	PITA AJ SALTO	LG	80	0 °	34	15 " S	78 °	25	26 " W	3550	12	INAMHI	26	
H269	PORTOVIEJO EN LA GUAYABA	LG	110	0 °	51	54 " S	80 °	29	26 " W		21	CRM	34	
HA2D	PORTOVIEJO EN PICOAZA	LG	110	1 °	1	30 " S	80 °	29	7 " W	700	21	INAMHI	68	
H788	PUELA AJ CHAMBO	LG	260	1 °	31	48 " S	78 °	26	53 " W	2460	16	INAMHI	60	112

continúa...

INDICE DE ESTACIONES HIDROLOGICAS CON CUADROS DE NIVELES Y CAUDALES PUBLICADOS

CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA	LATITUD			LONGITUD			ALTURA	PROVIN-	INSTITU-	Página del cuadro			
				HIDRO	GG	MM	SS	GG	MM				SS	CIA	CION	Niveles
H589	PUYANGO AJ MARCABELI	LG	200	3 °	49	27 "	S	79 °	55	47 "	W	360	24	PREDESUR	52	
H591	PUYANGO EN CPTO.MILITAR (PTE.CARRE	LG	200	3 °	53	0 "	S	80 °	4	47 "	W	300	24	INAMHI	52	106
H763	QDA.MULA CORRAL AJ CALAMACA	LM	260										14		58	
H347	QUEVEDO EN QUEVEDO	LG	130	1 °	1	5 "	S	79 °	27	43 "	W	125	22	INAMHI	41	97
H718	QUIJOS EN BAEZA	LG	240	0 °	27	16 "	S	77 °	53	11 "	W	1770	30	INAMHI	56	
H899	SAN FRANCISCO EN GUALACEO	LM	280	2 °	53	43 "	S	78 °	45	49 "	W	2400	18	INAMHI	67	
H333	SAN LORENZO EN SAN LORENZO	LM	130	1 °	41	13 "	S	78 °	59	44 "	W	2470	15	INAMHI	37	
H415	SAN PABLO EN LA MANA	LG	130										13	CEDEGE	45	
H468	SAN PEDRO EN INGAPIRCA	LG	160	2 °	33	55 "	S	78 °	52	27 "	W	2970	17	INAMHI	48	
H159	SAN PEDRO EN MACHACHI	LG	80	0 °	28	25 "	S	78 °	32	34 "	W	2680	12	INAMHI	26	79
H573	SANTA ROSA EN EL VADO	LM	190	3 °	33	45 "	S	79 °	56	35 "	W	80	24	INAMHI	50	
H160	SARAPULLO AJ TOACHI	LG	80	0 °	23	38 "	S	78 °	53	38 "	W	1020	12	INECEL	27	80
H466	SILANTE EN INGAPIRCA	LM	160	2 °	31	38 "	S	78 °	51	45 "	W		17	INAMHI	47	101
H171	SUBERE AJ TEAONE	LM	80	0 °	50	36 "	N	79 °	41	50 "	W		20	INAMHI	31	
H897	SURUCUCHO AJ LLULLUCCHAS	LM	280	2 °	50	27 "	S	79 °	7	45 "	W	2980	18	CREA	66	119
H173	TEAONE AJ ESMERALDAS	LG	80	0 °	55	35 "	N	79 °	41	29 "	W		20	INAMHI	32	88
H172	TEAONE DJ TABIAZO	LM	80	0 °	50	37 "	N	79 °	41	55 "	W	16	20	C.E.P.E.	31	
H165	TOACHI AJ ALLURIQUIN	LM	80	0 °	18	59 "	S	78 °	59	16 "	W	850	12	INECEL	28	83
H161	TOACHI AJ PILATON	LG	80	0 °	18	56 "	S	78 °	57	5 "	W	820	12	INAMHI	27	81
H163	TOACHI DJ SARAPULLO	LG	80	0 °	21	43 "	S	78 °	54	50 "	W	950	12	INECEL	28	82
H166	TOACHI EN LAS PAMPAS	LG	80	0 °	26	23 "	S	79 °	56	58 "	W	1110	13	INAMHI	29	84
H167	TOACHI EN S.D.DE LOS COLORADOS	LG	80	0 °	14	42 "	S	79 °	7	40 "	W		12	INAMHI	29	85
H895	TOMEBAMBA EN MONAY	LG	280	2 °	53	29 "	S	78 °	57	59 "	W	2480	18	INAMHI	65	117
H627	UCHIMA AJ CHAMBA	LM	210	4 °	13	49 "	S	79 °	12	13 "	W	1544	19	INAMHI	55	109
H467	VENDELECHE EN HDA.LA CURIA	LG	160	2 °	34	55 "	S	78 °	52	12 "	W	3020	17	INAMHI	47	
H042	VERTEDERO #2	LM	20	0 °	15	35 "	N	78 °	24	9 "	W	3175	11	INAMHI	17	
H043	VERTEDERO #3	LM	20	0 °	15	43 "	N	78 °	24	4 "	W	3180	11	INAMHI	18	
H040	VERTEDERO CAMBUGAN	LM	20	0 °	15	39 "	N	78 °	23	52 "	W	3190	11	INAMHI	17	
H348	VINCES EN VINCES-DCP	AU	130	1	32	57	S	79	45	2	W	41	22	INAMHI	41	98
H722	YANAHURCO DJ VALLE	LG	240	0 °	41	30 "	S	78 °	16	52 "	W	3590	30	INAMHI	57	110
H889	ZAMORA DJ SABANILLA(EN ZAMORA)	LG	280	4 °	3	39 "	S	78 °	56	56 "	W	980	33	INECEL	65	116
H346	ZAPOTAL EN LECHUGAL	LG	130	1 °	23	15 "	S	79 °	21	15 "	W	18	22	INAMHI	40	96

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H011		MIRA EN LITA										INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	187	246	131	208 *	145 *	166 *		75 *	57 *	98 *		
2	167	236	143	198 *	149 *	165 *		75 *	57 *	92 *		
3	166	214	175	173 *	153 *	155 *		74 *	59 *	88 *		
4	195	217	180	176 *	200 *	199 *		74 *	64 *	87 *		
5	187	200	205	135 *	242 *	190 *		75 *	58 *	83 *		
6	230	187	153	122 *	165 *	185 *		75 *	56 *	76 *		
7	225	200	138	123 *	198 *	190 *		75 *	65 *	74 *		
8	196	191	126	125 *	183 *	165 *		76 *	70 *	72 *		
9	177	193	132	119 *	167 *	154 *		76 *	72 *	69 *		
10	186	184	157	128 *	149 *	148 *		75 *	73 *	69 *		
11	173	211	157	170 *	174 *	171 *		75 *	80 *	100 *		
12	164	191	171	148 *	198 *	170 *		75 *	90 *	135 *		
13	152	176	136	138 *	174 *	158 *		74 *	94 *	137 *		
14	153	164	142	140 *	160 *	158 *		74 *	93 *	146 *		
15	223	175	130	173 *	150 *	149 *		76 *	82 *	139 *		
16	278	172	157	163 *	141 *	154 *		75 *	74 *	133 *		
17	239	172	154	158 *	190 *	164 *		74 *	69 *	123 *		
18	251	155	217	145 *	189 *	163 *		73 *	64 *	97 *		
19	318	146	217	133 *	175 *	156 *		73 *	76 *	88 *		
20	299	139	217	139 *	165 *	163 *		72 *	83 *	107 *		
21	295	134	223	164 *	154 *	153 *		72 *	92 *	148 *		
22	278	139	173	163 *	167 *	149 *		211 *	95 *	145 *		
23	258	141	229 *	148 *	153 *	141 *		88 *	106 *	142 *		
24	233	166	285 *	175 *	157 *	130 *		75 *	155 *	150 *		
25	244	159	290 *	161 *	155 *	118 *		74 *	145 *	138 *		
26	297	151	234 *	144 *	152 *	120 *		73 *	138 *	137 *		
27	262	163	235 *	138 *	178 *	115 *		71 *	136 *	139 *		
28	236	144	246 *	134 *	185 *	108 *		67 *	137 *	128 *		
29	234		247 *	179 *	179 *	89 *		64 *	135 *	124 *		
30	256		243 *	138 *	179 *	79 *		60 *	134 *	153 *		
31	238		240 *		178 *			58 *		151 *		
Nivel Max.	394	278	300 *	215 *	253 *	202 *		212 *	160 *	160 *		
Día	19	1	24	1	5	4		22	24	30		
Hora	11	18.5	17	7	7	7		17	17	7		
Nivel Mín.	145	131	119	115 *	110 *	77 *		57 *	55 *	67 *		
Día	14	28	15	9	6	30		31	6	10		
Hora	11	16.4	16.5	17	17	17		17	17	17		
Nivel Medio	226	177	190	152	171	151		77	90	115		

BLANCO AJ MIRA												
H013												INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	185	199	143 *	183 *	167 *	170 *	125 *	90 *	80 *	250 *	140 *	200 *
2	177	196	148 *	180 *	168 *	170 *	121 *	90 *	80 *	220 *	150 *	210 *
3	180	189	181 *	182 *	161 *	179 *	143 *	90 *	80 *	210 *	160 *	210 *
4	185	190	183 *	163 *	131 *	180 *	140 *	90 *	80 *	200 *	173 *	200 *
5	191	187	211 *	172 *	163 *	195 *	123 *	90 *	80 *	200 *	173 *	180 *
6	207	181	201 *	178 *	143 *	193 *	130 *	90 *	80 *	100 *	180 *	180 *
7	206	182	188 *	174 *	146 *	201 *	136 *	90 *	80 *	105 *	188 *	170 *
8	195	177	172 *	173 *	143 *	208 *	130 *	80 *	80 *	100 *	200 *	170 *
9	185		164 *	174 *	144 *	169 *	120 *	80 *	80 *	100 *	155 *	163 *
10	187		156 *	173 *	148 *	163 *	120 *	80 *	80 *	100 *	150 *	159 *
11	178	194 *	145 *	170 *	145 *	162 *	120 *	80 *		110 *	158 *	163 *
12	173	191 *		163 *	143 *	161 *	100 *	80 *		110 *	150 *	163 *
13	167	183 *		201 *	133 *	160 *	120 *	80 *		110 *	168 *	164 *
14	166	193 *	152 *	183 *	161 *	183 *	120 *	80 *	80 *	120 *		163 *
15	206	181 *	151 *	188 *	161 *	172 *	120 *	80 *	80 *	110 *		161 *
16	219	184 *	150 *	185 *	131 *	174 *	110 *	80 *	80 *	110 *	180 *	163 *
17	205	173 *	173 *	173 *	161 *	173 *	105 *	80 *	80 *	113 *	180 *	160 *
18	206	164 *	213 *	173 *	133 *	204 *	110 *	80 *	80 *	150 *	183 *	150 *
19	220	163 *	210 *	174 *	143 *	171 *	120 *	80 *	80 *	156 *	182 *	150 *
20	219	160 *	191 *	185 *	141 *	174 *	120 *		80 *	152 *	184 *	150 *
21	217	169 *	191 *	201 *	140 *	181 *	125 *	80 *	80 *	160 *	182 *	140 *
22	223	159 *		181 *	146 *	186 *	130 *	80 *	90 *	170 *	180 *	143 *
23	216	154 *			141 *	181 *	115 *	80 *	92 *	160 *	180 *	140 *
24	208	148 *	180 *	173 *	144 *	182 *	110 *	80 *	90 *	151 *	184 *	140 *
25	214	145 *	183 *	181 *	142 *	176 *	100 *	80 *	90 *	140 *	180 *	140 *
26	221	141 *	188 *	181 *	140 *	163 *	90 *	80 *	90 *	120 *	180 *	140 *
27	208	141 *		201 *	151 *	153 *	100 *	80 *	90 *	150 *	185 *	140 *
28	199	164 *	190 *	181 *	178 *	141 *	100 *	80 *	90 *	140 *	184 *	140 *
29	206		190 *	175 *	175 *	144 *	100 *	80 *	90 *	120 *	182 *	140 *
30	203		193 *	170 *	172 *	143 *	100 *	80 *	90 *	120 *	184 *	140 *
31	199		194 *		170 *		90 *	80 *		140 *		140 *
Nivel Max.	245				178 *	210 *	145 *			250 *		220 *
Día	22				28	8	3			1		2
Hora	15.5				17	17	17			7		17
Nivel Mín.	160				130 *	140 *	90 *			100 *		140 *
Día	14				4	30	31			8		21
Hora	13.1				17	7	7			7		7
Nivel Medio	199	173	178	179	150	174	116	82	83	142	174	160

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H015	CHOTA EN PTE.CARRETERA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	165	204	185	202		193 *				112 *	103 *	161 *
2	163	209	203	208		208 *				113 *	103 *	161 *
3	199	185	164	222		288 *				119 *	102 *	153 *
4	203	158	182	204		205 *				121 *	103 *	147 *
5	190	147	192	190		209 *				133 *	104 *	147 *
6	193	156	135	183		198 *				131 *	105 *	161 *
7	155	146	131	193		197 *				131 *	126 *	167 *
8	157	144	126	193		195 *				131 *	127 *	165 *
9	150	154	125	167		248 *				133 *	123 *	145 *
10	161	167	149	182		195 *				118 *	122 *	126 *
11	155	174	185	175		248 *				128 *	148 *	124 *
12	157	186	231	196		195 *				128 *	149 *	128 *
13	164	195	179	193		227 *				128 *	144 *	138 *
14	184	204	210	152		227 *				131 *	127 *	140 *
15	203	191	211	206		185 *				197 *	132 *	175 *
16	162	175	186	208		248 *				197 *	133 *	171 *
17	171	192	204	227		212 *				171 *	135 *	170 *
18	162	181	201	195		197 *				129 *	157 *	141 *
19	176	177	218	229		218 *				151 *	158 *	140 *
20	194	171	223	204		205 *				152 *	164 *	121 *
21	207	158	247	189		197 *				152 *	178 *	121 *
22	214	160	201	191		195 *				188 *	161 *	122 *
23	178	183	196	188		214 *				170 *	160 *	139 *
24	187	180	182	178		197 *				171 *	169 *	139 *
25	188	172	188	183		248 *				167 *	172 *	138 *
26	194	174	191	194		285 *				132 *	139 *	148 *
27	190	156	196	190		204 *				131 *	139 *	147 *
28	142	187	197	189		196 *				144 *	139 *	159 *
29	196		189	211		187 *				144 *	139 *	147 *
30	192		200	239		235 *				112 *	142 *	147 *
31	199		200									136 *
Nivel Max.	233	212	287	287		288 *					189 *	189 *
Día	22	14	12	16		3					25	26
Hora	8.2	7.5	7	22.5		7					7	17
Nivel Mín.	132	134	123	133		185 *					102 *	104 *
Día	28	9	6	14		15					3	27
Hora	9.2	0.2	20	7		17					7	7
Nivel Medio	179	174	188	196		215				142	137	146

H016	APAQUI AJ CHOTA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		117 *	129 *	111 *	119 *	134 *	192 *			105 *	109 *	133 *
2		114 *	122 *	112 *	125 *	147 *	191 *			104 *	108 *	129 *
3		116 *	119 *	107 *	133 *	140 *	188 *			103 *	108 *	130 *
4	110 *	120 *	116 *	109 *	193 *	137 *	183 *			104 *	107 *	129 *
5	110 *	122 *	114 *	108 *	183 *	131 *	176 *			103 *	108 *	127 *
6	109 *	126 *	112 *	108 *	182 *	129 *	181 *			102 *	108 *	126 *
7		133 *	111 *	135 *	178 *	133 *	279 *			104 *	108 *	124 *
8	108 *	135 *	111 *	127 *	167 *	148 *	273 *			104 *	108 *	123 *
9	108 *	129 *	111 *	175 *	180 *	137 *	203 *			103 *	120 *	122 *
10	107 *	122 *	161 *	182 *	211 *	133 *	222 *			102 *	119 *	120 *
11	108 *	120 *	157 *	173 *	180 *	128 *	202 *			101 *	114 *	118 *
12	109 *	136 *	151 *	164 *	163 *	125 *	190 *			110 *	112 *	118 *
13	111 *	125 *	146 *	152 *	138 *	124 *	182 *			109 *	113 *	117 *
14	113 *	134 *	140 *	138 *	131 *	121 *	174 *			131 *	117 *	116 *
15	116 *	127 *	136 *	131 *	129 *	120 *	166 *			146 *	118 *	117 *
16	140 *	121 *	136 *	124 *	124 *	120 *	174 *			149 *	117 *	125 *
17	138 *	118 *		118 *	121 *	120 *	151 *			134 *	119 *	115 *
18	138 *	117 *	134 *	112 *	119 *	119 *	145 *			134 *	119 *	114 *
19	140 *	113 *	140 *	109 *	117 *	123 *	137 *			146 *	128 *	112 *
20	143 *	109 *	142 *	108 *	116 *	120 *	148 *			141 *	166 *	111 *
21	146 *	106 *	137 *	107 *	114 *	119 *	151 *			136 *	157 *	110 *
22	141 *	105 *	136 *	108 *	112 *	118 *	166 *			134 *	152 *	110 *
23	140 *	105 *	132 *	109 *	111 *	116 *	172 *			128 *	149 *	109 *
24	138 *	145 *	128 *	114 *	108 *	118 *	152 *			123 *	146 *	108 *
25	119 *	140 *	125 *	149 *	107 *	118 *	157 *			119 *	140 *	107 *
26	121 *	137 *	123 *	128 *	105 *	117 *	133 *			116 *	138 *	107 *
27	120 *	141 *	121 *	129 *	103 *	119 *	130 *			112 *	132 *	107 *
28	121 *	136 *	117 *	126 *	100 *	119 *	128 *			110 *	127 *	106 *
29	128 *		114 *	121 *	220 *	123 *	126 *			110 *	125 *	106 *
30			113 *	119 *	185 *	231 *	126 *			107 *		105 *
31			112 *		170 *		124 *			110 *		105 *
Nivel Max.		146 *		190 *	235 *	239 *	289 *			157 *		134 *
Día		24		9	29	30	8			16		1
Hora		7		18	7	7	18			18		7
Nivel Mín.		103 *		106 *	99 *	116 *	124 *			100 *		104 *
Día		23		3	28	23	31			11		31
Hora		18		18	18	7	7			18		18
Nivel Medio		123	124	128	127	143	129	171		117	124	116

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H017	APAQUI D GRUTA LA PAZ #3											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	46	58	55	52	59 *	81 *	138 *	55 *	51 *	48 *	43 *	71 *
2	50	70	49	52	61 *	64 *	90 *	59 *	56 *	44 *	41 *	78 *
3	52	61	64	49	82 *	63 *	69 *	55 *	68 *	40 *	39 *	90 *
4	52	57	63	46	128 *	61 *	88 *	58 *	58 *	40 *	39 *	73 *
5	41	55	52	53	118 *	63 *	113 *	64 *	51 *	41 *	41 *	67 *
6	48	55	51	58	110 *	68 *	125 *	70 *	50 *	44 *	44 *	60 *
7	63	56	48	74	98 *	77 *	190 *	80 *	69 *	47 *	48 *	59 *
8	48	75	51	60	106 *	79 *	135 *	84 *	64 *	41 *	45 *	95 *
9	40	64	55	91	95 *	70 *	101 *	89 *	59 *	39 *	47 *	78 *
10	39	60	72	81	116 *	68 *	83 *	88 *	57 *	41 *	40 *	69 *
11	43	62	79	65	103 *	65 *	119 *	65 *	52 *	40 *	37 *	56 *
12	50	69	83	66	81 *	62 *	115 *	57 *	55 *	53 *	48 *	49 *
13	47	64	74	72	77 *	60 *	99 *	51 *	59 *	55 *	43 *	48 *
14	54	63	66	56	71 *	53 *	94 *	55 *	56 *	39 *	49 *	54 *
15	45	69	57	49	69 *	56 *	89 *	64 *	61 *	37 *	57 *	55 *
16	64	60	53	45	64 *	51 *	81 *	60 *	64 *	40 *	59 *	56 *
17	67	56	52	43	55 *	52 *	78 *	51 *	59 *	41 *	82 *	53 *
18	69	54	62	51	47 *	57 *	70 *	54 *	54 *	55 *	99 *	48 *
19	66	54	73	49	67 *	83 *	72 *	53 *	47 *	70 *	88 *	53 *
20	64	51	79	51	82 *	69 *	64 *	67 *	41 *	58 *	75 *	51 *
21	80	53	68	44	72 *	64 *	67 *	68 *	39 *	44 *	59 *	51 *
22	76	52	57	45	68 *	59 *	71 *	58 *	37 *	40 *	55 *	50 *
23	72	74	53	46	66 *	55 *	76 *	59 *	43 *	37 *	59 *	47 *
24	77	72	56	55	59 *	54 *	88 *	55 *	49 *	37 *	57 *	41 *
25	65	81	60	93	54 *	54 *	84 *	49 *	47 *	39 *	79 *	38 *
26	61	69	55	66	61 *	56 *	79 *	59 *	44 *	39 *	85 *	37 *
27	67	80	53	61	69 *	55 *	75 *	93 *	49 *	42 *	83 *	30 *
28	59	69	52	61	74 *	56 *	70 *	74 *	50 *	40 *	67 *	27 *
29	58		53	75	139 *	52 *	60 *	120 *	52 *	39 *	69 *	31 *
30	57		50	63 *	110 *	105 *	58 *	97 *	49 *	38 *	71 *	37 *
31	62		51		93 *		54 *	88 *		40 *		41 *
Nivel Max.	97	114	92	130	148 *	110 *	200 *	140 *	70 *	70 *	100 *	100 *
Día	21	23	20	25	29	30	7	29	3	19	18	3
Hora	21.3	15.1	2.3	4	6	18	6	6	6	6	6	6
Nivel Mín.	38	50	46	41	45 *	45 *	53 *	48 *	35 *	35 *	35 *	25 *
Día	11	23	7	18	18	17	31	25	22	15	11	28
Hora	19	3.5	12.2	2.2	18	6	18	18	6	6	6	18
Nivel Medio	58	63	60	59	82	64	90	67	53	43	58	54

H023	AMBI DJ CARIYACU											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	105 *	125 *	85 *	100 *	110 *	94 *	80 *	76 *	68 *	100 *	100 *	116 *
2	110 *	125 *	85 *	100 *	110 *	94 *	80 *	76 *	68 *	100 *	98 *	116 *
3	110 *	125 *	85 *	98 *	110 *	90 *	79 *	76 *	68 *	98 *	98 *	120 *
4	105 *	120 *	130 *	98 *	110 *	90 *	79 *	76 *	68 *	98 *	98 *	120 *
5	105 *	120 *	130 *	98 *	110 *	110 *	79 *	76 *	68 *	96 *	100 *	120 *
6	112 *	115 *	128 *	96 *	98 *	110 *	79 *	76 *	70 *	96 *	110 *	118 *
7	110 *	114 *	128 *	96 *	98 *	112 *	79 *	77 *	70 *	94 *	100 *	118 *
8	108 *	114 *	128 *	96 *	90 *	112 *	79 *	77 *	70 *	94 *	98 *	115 *
9	108 *	112 *	120 *	94 *	110 *	100 *	79 *	77 *	70 *	92 *	98 *	115 *
10	104 *	112 *	100 *	94 *	105 *	98 *	79 *	77 *	68 *	91 *	98 *	110 *
11	108 *	112 *	90 *	94 *	105 *	98 *	79 *	77 *	68 *	90 *	98 *	110 *
12	108 *	110 *	90 *	90 *	100 *	96 *	79 *	77 *	68 *	90 *	120 *	110 *
13	108 *	108 *	90 *	90 *	100 *	94 *	79 *	77 *	68 *	105 *	110 *	108 *
14	106 *	105 *	85 *	90 *	100 *	94 *	78 *	77 *	65 *	100 *	120 *	108 *
15	106 *	105 *	85 *	90 *	98 *	90 *	78 *	76 *	66 *	98 *	110 *	108 *
16	106 *	105 *	85 *	90 *	98 *	90 *	78 *	76 *	65 *	98 *	110 *	105 *
17	106 *	100 *	90 *	88 *	98 *	90 *	78 *	76 *	70 *	98 *	145 *	105 *
18	105 *	100 *	90 *	88 *	98 *	89 *	78 *	76 *	70 *	96 *	135 *	105 *
19	110 *	100 *	110 *	86 *	98 *	89 *	78 *	76 *	70 *	96 *	130 *	105 *
20	110 *	95 *	110 *	86 *	98 *	89 *	78 *	76 *	76 *	96 *	120 *	105 *
21	115 *	95 *	105 *	85 *	96 *	89 *	78 *	76 *	76 *	96 *	115 *	105 *
22	118 *	95 *	105 *	85 *	96 *	86 *	78 *	76 *	76 *	96 *	115 *	105 *
23	120 *	95 *	105 *	110 *	90 *	86 *	78 *	76 *	78 *	96 *	115 *	105 *
24	125 *	90 *	105 *	100 *	90 *	85 *	77 *	76 *	78 *	96 *	116 *	105 *
25	140 *	90 *	105 *	100 *	89 *	85 *	77 *	75 *	110 *	96 *	116 *	105 *
26	130 *	90 *	105 *	105 *	89 *	84 *	77 *	75 *	110 *	96 *	116 *	105 *
27	130 *	85 *	104 *	113 *	95 *	84 *	77 *	75 *	105 *	95 *	116 *	105 *
28	130 *	85 *	104 *	110 *	100 *	83 *	76 *	70 *	105 *	95 *	116 *	104 *
29	125 *		104 *	110 *	96 *	83 *	76 *	69 *	105 *	105 *	116 *	104 *
30	125 *		104 *	110 *	94 *	82 *	76 *	69 *		100 *	116 *	104 *
31	125 *				95 *		76 *	69 *		100 *		104 *
Nivel Max.	140 *	125 *		113 *	110 *	112 *	80 *	77 *		105 *	145 *	120 *
Día	25	1		27	1	7	1	7		13	17	3
Hora	7	7		7	7	7	7	7		7	7	7
Nivel Mín.	100 *	85 *		85 *	89 *	82 *	76 *	69 *		90 *	98 *	104 *
Día	10	27		21	25	30	28	29		11	2	28
Hora	7	7		7	7	7	7	7		7	7	7
Nivel Medio	114	105	103	96	99	93	78	75	76	97	112	109

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H024	BLANCO EN PTE.CARRETERA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	57	59	54	65 *	62 *	58	57	56	55	51	60 *	71 *
2	58	59	57	63 *	62 *	58	57	57	56	50	60 *	91 *
3	56	57	59	63 *	64 *	57	56	55	50	51	59 *	65 *
4	59	57	57	64 *	64 *	62	57	57	49	70	60 *	59 *
5	60	60	64	75 *	62 *	61	57	56	48	55 *	60 *	58 *
6	63	61	57	72 *	58 *	59	57	57	56	55 *	61 *	57 *
7	59	59	56	72 *	58 *	60	57	57	50	55 *	65 *	57 *
8	57	57	54	65 *	58 *	60	57	56	61	56 *	65 *	56 *
9	54	56	53	65 *	58 *	61	57	57	54	56 *	65 *	56 *
10	54	55	57	66 *	58 *	59	56	56	66	58 *	65 *	56 *
11	56	57	55	66 *	57 *	58	56	56	60	58 *	65 *	55 *
12	54	56	54	66 *	58 *	58	56	56	54	57 *	65 *	55 *
13	53	55	52	65 *	58 *	58	56	50	50	56 *	58 *	55 *
14	51	58	52	67 *	58 *	58	56	52	62	57 *	60 *	57 *
15	52	56	53	67 *		57	56	52	59	57 *	62 *	58 *
16	61	55	58	67 *		58	57	52	53	57 *	69 *	58 *
17	62	56	63	68 *		57	56	54	53	56 *	75 *	58 *
18	57	58	65	68 *		57	56	52	53	57 *	67 *	58 *
19	61	57	63	68 *	59	58	57	52	54	57 *	58 *	60 *
20	59	56	61	86 *	58	57	56	53	52	58 *	58 *	63 *
21	58	54	74 *	66 *	58	57	56	51	51	63 *	58 *	58 *
22	57	53	65 *	63 *	59	57	56	54	52	62 *	58 *	57 *
23	57	53	61 *	67 *	58	58	56	57	51	62 *	58 *	56 *
24	63	51	61 *	68 *	59	58	56	48	53	58 *	58 *	55 *
25	60	51	62 *	68 *	58	56	56	52	55	58 *	63 *	55 *
26	71	56	64 *	68 *	58	55	55	52	59	58 *	67 *	55 *
27	68	54	65 *	62 *	58	59	56	53	60	58 *	67 *	55 *
28	70	53	65 *	62 *	62	57	55	53	51	58 *	65 *	55 *
29	63		65 *	62 *	60	57	55	54	50	63 *	65 *	55 *
30	62		65 *	62 *	59	57	56	54	50	63 *	65 *	55 *
31	60		65 *		61		56	53		60 *		55 *
Nivel Max.	90	74	95 *	86 *		73	59	71	106	102	75 *	100 *
Día	27	5	18	20		4	1	23	26	4	17	2
Hora	16.1	17.5	17	7		17.4	21.3	8	21	12.1	7	7
Nivel Mín.	50	51	51	60 *		56	54	48	48	49	58 *	55 *
Día	15	25	15	22		30	29	24	7	4	22	27
Hora	1.2	12	14.4	7		21.1	12.2	14.4	16.2	3.4	7	7
Nivel Medio	59	56	60	67	59	58	56	54	54	58	63	58

H026	ITAMBI EN L.S.PABLO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	53 *	110 *	48 *		56 *	62 *	48 *	48 *	48 *		53 *	57 *
2	67 *	100 *	48 *		54 *	62 *	48 *	48 *	48 *		52 *	55 *
3	72 *	97 *	48 *		53 *	89 *	48 *	48 *	48 *		52 *	55 *
4	72 *	92 *	48 *		52 *	95 *	48 *	48 *	48 *		52 *	55 *
5	72 *	64 *	48 *		55 *	80 *	48 *	48 *	48 *		57 *	55 *
6	69 *	60 *	48 *		67 *	77 *	48 *	48 *	48 *		61 *	55 *
7	68 *	60 *	48 *		70 *	89 *	48 *	48 *	49 *		62 *	54 *
8	68 *	60 *	48 *		62 *	82 *	48 *	48 *	49 *		63 *	54 *
9	68 *	60 *	48 *		60 *	78 *	48 *	49 *	49 *		63 *	54 *
10	68 *	60 *	48 *		65 *	65 *	48 *	49 *	49 *		86 *	54 *
11	68 *	57 *	48 *		94 *	56 *	47 *	49 *	49 *		80 *	54 *
12	68 *	52 *	48 *		90 *	52 *	47 *	49 *	49 *		74 *	54 *
13	68 *	52 *	48 *		75 *	51 *	47 *	49 *	49 *		74 *	54 *
14	68 *	52 *	48 *		66 *	49 *	47 *	49 *	49 *		68 *	54 *
15	68 *	51 *	48 *		59 *	49 *	47 *	49 *	49 *		62 *	54 *
16	68 *	50 *	48 *		55 *	49 *	47 *	49 *	49 *		60 *	54 *
17	69 *	50 *	73 *		54 *	50 *	47 *	49 *	49 *		59 *	54 *
18	68 *	50 *	96 *		50 *	50 *	47 *	49 *	49 *		59 *	54 *
19	72 *	50 *	114 *		49 *	50 *	48 *	49 *	49 *		55 *	53 *
20	74 *	50 *	65 *		49 *	50 *	48 *	49 *	49 *		55 *	53 *
21	76 *	49 *	65 *		49 *	49 *	48 *	49 *	49 *		55 *	53 *
22	76 *	49 *	65 *		48 *	49 *	48 *	49 *	49 *		59 *	53 *
23	76 *	49 *	65 *		48 *	49 *	48 *	49 *	49 *		59 *	53 *
24	72 *	49 *	68 *		48 *	49 *	48 *	49 *	49 *		59 *	53 *
25	74 *	48 *	66 *		48 *	64 *	48 *	49 *	69 *		59 *	53 *
26	80 *	48 *	66 *		48 *	61 *	48 *	49 *	65 *		58 *	53 *
27	72 *	48 *	66 *		49 *	54 *	48 *	49 *	61 *		58 *	53 *
28	70 *	48 *	66 *		52 *	52 *	48 *	49 *	62 *		57 *	55 *
29	69 *		69 *		62 *	51 *	48 *	49 *	61 *		55 *	55 *
30	94 *		69 *		62 *	49 *	48 *	49 *	52 *		55 *	55 *
31	104 *		69 *		62 *		48 *	49 *				55 *
Nivel Max.	118 *	110 *	118 *		97 *	116 *	48 *	49 *	69 *		86 *	58 *
Día	30	1	19		11	3	1	9	25		10	1
Hora	18	18	18		7	18	7	18	7		7	18
Nivel Mín.	50 *	48 *	48 *		48 *	49 *	47 *	48 *	48 *		52 *	53 *
Día	1	25	1		22	14	14	1	1		2	19
Hora	7	7	7		18	7	18	7	7		7	7
Nivel Medio	72	59	60		58	60	48	49	51		61	54

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H040	VERTEDERO CAMBUGAN											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	11 *	10 *	9 *	10 *	8 *	8 *	7 *		8 *	7 *	8 *	12 *
2	12 *	11 *	9 *	11 *	8 *	7 *	7 *		8 *	7 *	8 *	14 *
3	11 *	11 *	14 *	12 *	8 *	9 *	7 *		8 *	7 *	11 *	9 *
4	10 *	10 *	9 *	12 *	8 *	15 *	7 *		9 *	7 *	7 *	8 *
5	13 *	11 *	12 *	11 *	9 *	11 *	7 *		9 *	7 *	10 *	8 *
6	13 *	9 *	10 *	11 *	8 *	11 *	8 *		9 *	7 *	8 *	8 *
7	10 *	9 *	10 *	11 *	8 *	10 *	8 *		9 *	7 *	13 *	8 *
8	10 *	9 *	9 *	11 *	8 *	9 *	8 *		9 *	7 *	12 *	7 *
9	10 *	9 *	9 *	11 *	8 *	8 *	8 *		9 *	8 *	9 *	7 *
10	10 *	9 *	8 *	10 *	11 *	8 *	7 *		9 *	8 *	8 *	7 *
11	10 *	9 *	8 *	14 *	16 *	8 *	7 *		9 *	11 *	7 *	7 *
12	11 *	9 *	8 *	12 *	11 *	8 *	7 *		9 *	9 *	8 *	8 *
13	10 *	9 *	8 *	11 *	10 *	8 *	7 *		9 *	7 *	7 *	8 *
14	9 *	8 *	8 *	11 *	9 *	8 *	8 *		8 *	7 *	9 *	7 *
15	9 *	8 *	10 *	10 *	9 *	8 *	7 *		7 *	7 *	8 *	8 *
16	12 *	8 *	13 *	9 *	9 *	8 *	8 *		7 *	7 *	7 *	8 *
17	13 *	10 *	12 *	9 *	9 *	7 *	8 *		7 *	7 *	14 *	9 *
18	12 *	10 *	11 *	9 *	8 *	7 *	8 *		8 *	7 *	11 *	8 *
19	14 *	10 *	10 *	9 *	8 *	8 *	8 *		7 *	9 *	8 *	8 *
20	13 *	9 *	11 *	9 *	8 *	7 *	8 *		7 *	6 *	8 *	7 *
21	12 *	8 *	10 *	11 *	8 *	7 *	8 *		8 *	8 *	8 *	7 *
22	10 *	9 *	9 *	10 *	8 *	7 *	9 *		8 *	7 *	7 *	7 *
23	10 *	9 *	8 *	10 *	7 *	7 *	8 *		9 *	9 *	7 *	7 *
24	11 *	9 *	8 *	10 *	8 *	13 *	8 *		10 *	7 *	9 *	7 *
25	11 *	9 *	10 *	13 *	8 *	13 *	8 *		8 *	7 *	8 *	7 *
26	15 *	9 *	9 *	9 *	9 *	11 *	8 *		8 *	7 *	7 *	7 *
27	12 *	9 *	8 *	12 *	11 *	10 *	8 *		7 *	8 *	7 *	7 *
28	10 *	9 *	8 *	10 *	10 *	8 *	8 *		7 *	11 *	10 *	8 *
29	13 *		11 *	9 *	10 *	7 *	8 *		7 *	8 *	8 *	8 *
30	11 *		14 *	8 *	10 *	7 *	8 *		7 *	7 *	12 *	8 *
31	10 *		12 *		9 *		8 *			8 *		7 *
Nivel Max.	15 *	12 *	16 *	17 *	16 *	17 *	9 *		10 *	13 *	18 *	14 *
Día	19	2	3	11	11	24	22		24	11	7	2
Hora	6	6	6	18	18	18	6		6	6	18	6
Nivel Mín.	9 *	8 *	8 *	8 *	7 *	7 *	7 *		7 *	6 *	7 *	7 *
Día	13	14	10	30	23	2			16	15	4	8
Hora	18	6	6	6	6	6	6		18	18	6	6
Nivel Medio	11	9	10	10	9	9	8		8	8	9	8

H042	VERTEDERO #2											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	34 *	28 *	25 *	29 *	27 *	30 *	28 *		24 *	24 *	25 *	35 *
2	33 *	29 *	25 *	30 *	27 *	29 *	27 *		24 *	24 *	25 *	36 *
3	31 *	28 *	31 *	29 *	27 *	30 *	27 *		23 *	24 *	26 *	33 *
4	29 *	28 *	28 *	28 *	27 *	36 *	27 *		23 *	24 *	25 *	30 *
5	30 *	30 *	29 *	27 *	30 *	31 *	27 *		23 *	24 *	28 *	28 *
6	34 *	28 *	28 *	28 *	29 *	30 *	27 *		23 *	24 *	26 *	28 *
7	29 *	28 *	27 *	27 *	29 *	32 *	28 *		23 *	24 *	33 *	28 *
8	28 *	26 *	26 *	27 *	29 *	30 *	27 *		23 *	24 *	36 *	27 *
9	27 *	26 *	26 *	28 *	29 *	29 *	27 *		23 *	25 *	28 *	27 *
10	27 *	26 *	26 *	28 *	32 *	28 *	26 *		23 *	25 *	27 *	27 *
11	27 *	26 *	26 *	32 *	37 *	28 *	26 *		23 *	30 *	27 *	27 *
12	28 *	26 *	26 *	31 *	33 *	28 *	26 *		23 *	27 *	28 *	27 *
13	27 *	26 *	26 *	29 *	30 *	28 *	26 *		23 *	25 *	27 *	27 *
14	26 *	25 *	26 *	29 *	31 *	29 *	26 *		24 *	25 *	29 *	29 *
15	26 *	25 *	26 *	27 *	31 *	29 *	26 *		24 *	25 *	27 *	27 *
16	30 *	25 *	29 *	26 *	30 *	28 *	25 *		24 *	25 *	27 *	27 *
17	33 *	32 *	32 *	26 *	30 *	27 *	25 *		24 *	25 *	37 *	28 *
18	33 *	31 *	30 *	26 *	30 *	27 *	25 *		25 *	25 *	32 *	27 *
19	34 *	28 *	31 *	26 *	31 *	28 *	25 *		25 *	31 *	28 *	27 *
20	33 *	26 *	30 *	26 *	31 *	27 *	26 *		24 *	26 *	27 *	27 *
21	30 *	26 *	30 *	30 *	31 *	27 *	26 *		25 *	26 *	28 *	27 *
22	28 *	25 *	29 *	29 *	31 *	27 *	25 *		24 *	26 *	27 *	26 *
23	28 *	26 *	28 *	29 *	31 *	27 *	25 *		27 *	26 *	27 *	26 *
24	29 *	26 *	28 *	29 *	29 *	31 *	25 *		26 *	25 *	28 *	26 *
25	29 *	26 *	30 *	33 *	28 *	32 *	25 *		25 *	24 *	28 *	25 *
26	35 *	26 *	29 *	28 *	32 *	30 *	25 *		24 *	24 *	28 *	26 *
27	30 *	25 *	28 *	32 *	33 *	28 *	25 *		24 *	24 *	28 *	26 *
28	28 *	25 *	27 *	28 *	33 *	28 *	25 *		24 *	29 *	29 *	25 *
29	33 *		29 *	27 *	33 *	28 *	25 *		24 *	27 *	28 *	24 *
30	30 *		34 *	27 *	33 *	28 *	25 *		25 *	26 *	33 *	26 *
31	28 *		30 *		31 *		25 *			25 *		25 *
Nivel Max.	36 *	36 *	35 *	35 *	37 *	38 *	28 *		27 *	34 *	39 *	36 *
Día	19	17	30	11	11	4	1		23	11	17	1
Hora	6	18	18	18	18	6	6		6	6	18	6
Nivel Mín.	26 *	25 *	25 *	25 *	27 *	27 *	24 *		23 *	24 *	25 *	24 *
Día	13	14	1	19	1	12	25		11	1	1	29
Hora	18	6	6	6	6	18	6		18	6	6	6
Nivel Medio	30	27	28	28	30	29	26		24	25	28	27

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H043	VERTEDERO #3											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	9 *	6 *	4 *	10 *	5 *	8 *	7 *			3 *	4 *	9 *
2	9 *	8 *	4 *	10 *	5 *	8 *	6 *			3 *	4 *	11 *
3	7 *	8 *	10 *	8 *	5 *	9 *	6 *			2 *	7 *	10 *
4	6 *	8 *	6 *	7 *	5 *	15 *	6 *			2 *	4 *	7 *
5	7 *	9 *	9 *	6 *	7 *	10 *	6 *			2 *	7 *	6 *
6	10 *	8 *	8 *	7 *	6 *	10 *	6 *			2 *	5 *	6 *
7	7 *	8 *	7 *	6 *	6 *	12 *	7 *			2 *	11 *	6 *
8	6 *	8 *	6 *	6 *	6 *	10 *	6 *			2 *	13 *	5 *
9	6 *	8 *	6 *	7 *	6 *	9 *	5 *			3 *	8 *	5 *
10	6 *	8 *	6 *	7 *	10 *	7 *	5 *			3 *	6 *	5 *
11	6 *	8 *	6 *	12 *	14 *	7 *	5 *			7 *	5 *	5 *
12	6 *	8 *	7 *	11 *	11 *	7 *	5 *			6 *	7 *	4 *
13	5 *	8 *	6 *	8 *	7 *	7 *	5 *			3 *	5 *	3 *
14	5 *	8 *	6 *	8 *	7 *	8 *	5 *			3 *	8 *	7 *
15	5 *	6 *	6 *	7 *	7 *	7 *	5 *			3 *	5 *	6 *
16	9 *	6 *	9 *	6 *	7 *	7 *	3 *			3 *	5 *	7 *
17	9 *	8 *	11 *	7 *	6 *	6 *	3 *			3 *	13 *	7 *
18	8 *	6 *	10 *	6 *	6 *	6 *	3 *			3 *	10 *	7 *
19	9 *	5 *	10 *	5 *	6 *	7 *	3 *			8 *	6 *	6 *
20	8 *	5 *	10 *	6 *	6 *	6 *	3 *			3 *	6 *	6 *
21	7 *	5 *	9 *	10 *	6 *	6 *	3 *			6 *	7 *	6 *
22	6 *	5 *	8 *	8 *	6 *	6 *	3 *			5 *	5 *	6 *
23	6 *	5 *	7 *	8 *	6 *	6 *	3 *			5 *	5 *	6 *
24	7 *	5 *	7 *	8 *	6 *	12 *	3 *			3 *	8 *	5 *
25	7 *	4 *	9 *	11 *	5 *	11 *	3 *			3 *	6 *	5 *
26	12 *	4 *	8 *	7 *	9 *	9 *	3 *			3 *	5 *	4 *
27	9 *	4 *	7 *	11 *	11 *	9 *	3 *			2 *	5 *	4 *
28	7 *	4 *	6 *	8 *	8 *	8 *	3 *			8 *	8 *	3 *
29	10 *		9 *	7 *	8 *	7 *	3 *			4 *	6 *	4 *
30	8 *		12 *	5 *	9 *	7 *	3 *			4 *	11 *	4 *
31	6 *		11 *		8 *		3 *			4 *		4 *
Nivel Max.	12 *	10 *	13 *	16 *	14 *	17 *	7 *			12 *	16 *	11 *
Día	26	5		11	11	4	1			28	7	2
Hora	6	18	18	18	6	6	6			18	18	6
Nivel Mín.	5 *	4 *	4 *	5 *	5 *	6 *	2 *			2 *	4 *	3 *
Día	12	25	1	19	1	17	31			2	1	12
Hora	18	6	6	6	18	6	18			18	6	18
Nivel Medio	7	6	8	8	7	8	4			4	7	6

H045	APAQUI DJ MINAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	67	87	80 *	70 *	80 *	95 *	170 *	73 *	70 *	50 *	50 *	65 *
2	76	92	80 *	70 *	80 *	90 *	110 *	70 *	70 *	50 *	50 *	70 *
3	86	91	85 *	70 *	93 *	90 *	105 *	69 *	70 *	50 *	50 *	100 *
4	80	85	85 *	70 *	100 *	90 *	135 *	68 *	70 *	45 *	50 *	85 *
5	67	83	70 *	70 *	90 *	85 *	143 *	68 *	70 *	45 *	50 *	70 *
6	66	82	68 *	70 *	115 *	85 *	148 *	68 *	65 *	45 *	50 *	70 *
7	91	88	70 *	70 *	120 *	85 *	180 *	69 *	65 *	45 *	60 *	90 *
8	73	93	70 *	110 *	121 *	85 *	171 *	80 *	100 *	45 *	60 *	100 *
9	60	90	70 *	110 *	111 *	80 *	115 *	100 *	90 *	45 *	65 *	70 *
10	57	86	73 *	90 *	150 *	80 *	105 *	105 *	69 *	45 *	50 *	70 *
11	60	88	73 *	85 *	100 *	80 *	115 *	85 *	65 *	45 *	60 *	70 *
12	74	85	83 *	70 *	98 *	80 *	130 *	75 *	65 *	45 *	60 *	70 *
13	68	90	100 *	70 *	90 *	80 *	130 *	75 *	68 *	45 *	60 *	70 *
14	81	87	95 *	60 *	90 *	80 *	125 *	80 *	65 *	45 *	60 *	70 *
15	66	91	80 *	60 *	90 *	80 *	115 *	80 *	65 *	45 *	60 *	70 *
16	79	83	78 *	63 *		80 *		80 *	70 *	45 *	60 *	70 *
17	81	88	70 *	63 *	84 *	80 *	98 *	80 *	60 *	45 *	70 *	80 *
18	82	88	70 *	55 *	80 *	80 *	100 *	85 *	60 *	50 *	70 *	80 *
19	100	84	70 *	68 *	80 *	100 *	100 *	85 *	59 *	50 *	70 *	80 *
20	92	92	70 *	68 *	85 *	85 *	120 *	90 *	59 *	50 *	70 *	80 *
21	104	93	70 *	69 *	88 *	85 *	120 *	85 *	57 *	50 *	70 *	70 *
22	99	89	70 *	74 *	95 *	75 *	130 *	75 *	57 *	50 *	70 *	60 *
23	96	98	73 *	110 *	95 *	70 *	111 *	70 *	58 *	50 *	70 *	60 *
24	99	101	88 *	110 *	90 *	70 *	125 *	90 *	65 *	50 *	70 *	60 *
25	94	98	100 *	90 *	93 *	70 *	110 *	95 *	68 *	50 *	70 *	60 *
26	98	94	73 *	90 *	95 *	70 *	100 *	126 *	65 *	50 *	105 *	60 *
27	115	83 *	73 *	95 *	95 *	70 *	98 *	127 *	63 *	50 *	95 *	60 *
28	97	88 *	70 *	130 *	95 *	70 *	95 *	100 *	60 *	50 *	80 *	60 *
29	89		65 *	115 *	97 *	70 *	90 *	135 *	60 *	50 *	70 *	60 *
30	84		60 *	100 *	115 *	70 *	80 *	95 *	60 *	50 *	60 *	50 *
31	89		63 *		121 *		80 *	78 *		50 *		50 *
Nivel Max.	122	123	100 *	130 *		100 *		170 *	100 *	50 *	130 *	100 *
Día	27	23	13	24		19		29	8	1	26	3
Hora	9.3	20.5	6	6		6		6	6	6	18	18
Nivel Mín.	55	70 *	60 *	50 *		70 *		68 *	55 *	45 *	50 *	50 *
Día	10	13	29	18		23		3	21	4	1	30
Hora	22.1	6	18	18		6		18	18	6	6	6
Nivel Medio	83	89	76	81	98	80	118	86	66	48	65	70

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H091	GRANDE AJ JATIVA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	71	56	50 *	57 *	55 *	63 *		34 *	29 *	49 *	39 *	54 *
2	66	60	52 *	56 *	57 *	59 *		33 *	29 *	49 *	39 *	53 *
3	55	56	58 *	55 *	60 *	58 *		33 *	30 *	48 *	37 *	54 *
4	58	55 *	73 *	56 *	60 *	60 *		32 *	30 *	47 *	35 *	52 *
5	53	54 *	73 *	56 *	59 *	67 *		33 *	30 *	47 *	35 *	50 *
6	72	59 *	71 *	57 *	57 *	60 *		33 *	30 *	46 *	35 *	50 *
7	69	60 *	70 *	50 *	56 *	59 *		33 *	30 *	46 *	34 *	49 *
8	56	61 *	70 *	50 *	55 *	56 *		34 *	30 *	43 *	33 *	47 *
9	53	59 *	69 *	50 *	55 *	53 *		34 *	29 *	40 *	35 *	45 *
10	56	58 *	69 *	50 *	53 *	55 *		34 *	30 *	38 *	36 *	41 *
11	57	59 *	63 *	52 *	53 *	53 *		32 *	30 *	33 *	40 *	40 *
12	54	59 *	60 *	51 *	53 *	50 *		32 *	30 *	30 *	40 *	40 *
13	56	60 *	59 *	54 *	55 *	50 *		31 *	29 *	30 *	40 *	40 *
14	59	60 *	59 *	51 *	55 *	49 *		30 *	29 *	30 *	54 *	40 *
15	52	59 *	58 *	50 *	50 *	48 *		30 *	29 *	30 *	60 *	40 *
16	67	57 *	62 *	50 *	50 *	48 *		30 *	29 *	30 *	53 *	40 *
17	63	56 *	65 *	56 *	56 *	45 *		30 *	29 *	38 *	68 *	39 *
18	61	57 *	74 *	57 *	50 *	45 *		30 *	28 *	40 *	63 *	39 *
19	67	57 *	83 *	60 *	55 *	50 *		29 *	29 *	61 *	50 *	39 *
20	69	56 *	77 *	69 *	53 *	50 *		30 *	29 *	53 *	50 *	37 *
21	71	55 *	66 *	70 *	51 *	50 *		30 *	29 *	49 *	49 *	36 *
22	72	55 *	60 *	69 *	52 *	48 *		30 *	29 *	49 *	52 *	36 *
23	66	54 *	58 *	67 *	50 *	48 *		30 *	30 *	43 *	55 *	36 *
24	66	54 *	59 *	65 *	48 *	45 *		30 *	50 *	40 *	60 *	35 *
25	64	53 *	63 *	60 *	49 *	44 *		28 *	68 *	40 *	61 *	35 *
26	69	52 *	65 *	59 *	54 *	44 *		28 *	73 *	37 *	60 *	35 *
27	67	50 *	69 *	58 *	57 *	44 *		28 *	62 *	35 *	61 *	34 *
28	60	50 *	67 *	57 *	70 *	43 *		27 *	54 *	35 *	59 *	34 *
29	59		65 *	55 *	70 *	43 *		27 *	51 *	33 *	58 *	34 *
30	60		60 *	55 *	69 *	43 *		27 *	50 *	40 *	56 *	34 *
31	58		60 *		80 *			27 *		40 *		33 *
Nivel Max.	95	65	85 *	70 *	90 *	68 *		34 *	80 *	62 *	75 *	55 *
Día	21	1	19	21	28	5		1	25	19	17	3
Hora	19.2	22	17	7	17	17		17	17	7	17	7
Nivel Mín.	51	50 *	50 *	50 *	46 *	43 *		27 *	28 *	30 *	33 *	33 *
Día	15	27	1	7	27	27		28	1	11	8	31
Hora	16	17	7	7	7	17		7	7	17	7	7
Nivel Medio	62	56	65	57	56	51		30	36	41	48	41

H093	BOBO EN PLTA.ELEC.TULCAN											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	99 *	96 *	96 *	103 *	103 *	102 *	103 *					
2	96 *	109 *	93 *	115 *	106 *	101 *	105 *					
3	97 *	93 *	103 *	103 *	106 *	105 *	100 *					
4	93 *	99 *	112 *	102 *	108 *	108 *	97 *					
5	94 *	100 *	104 *	102 *	108 *	113 *	93 *					
6	118 *	101 *	103 *	100 *	108 *	106 *	95 *					
7	103 *	110 *	98 *	101 *	108 *	108 *	98 *					
8	100 *	110 *	95 *	101 *	106 *	118 *	106 *					
9	93 *	108 *	98 *	100 *	106 *	117 *	104 *					
10	100 *	102 *	94 *	102 *	108 *	106 *	101 *					
11	97 *	104 *	96 *	100 *	110 *	108 *	95 *					
12	105 *	104 *	99 *	103 *	105 *	102 *	97 *					
13	101 *	103 *	97 *	102 *	104 *	102 *	98 *					
14	107 *	104 *	97 *	99 *	104 *	104 *	94 *					
15	96 *	103 *	94 *	100 *	104 *	102 *	92 *					
16	104 *	102 *	98 *	98 *	103 *	101 *	94 *					
17	100 *	102 *	92 *	96 *	102 *	101 *	91 *					
18	98 *	102 *	125 *	99 *	101 *	101 *	91 *					
19	102 *	100 *	123 *	99 *	101 *	106 *	91 *					
20	102 *	99 *	119 *	96 *	101 *	104 *	89 *					
21	111 *	98 *	111 *	98 *	101 *	103 *	91 *					
22	113 *	97 *	102 *	97 *	100 *	102 *	80 *					
23	102 *	97 *	102 *	103 *	100 *	99 *	53 *					
24	103 *	97 *	107 *	101 *	100 *	100 *	62 *					
25	101 *	99 *	121 *	140 *	99 *	100 *	60 *					
26	99 *	98 *	112 *	104 *	100 *	100 *	62 *					
27	117 *	98 *	111 *	123 *	100 *	99 *	62 *					
28	102 *	96 *	105 *	127 *	96 *	98 *	62 *					
29	98 *		107 *	128 *	112 *	98 *	58 *					
30	99 *		104 *	112 *	108 *	98 *	57 *					
31	96 *		102 *		104 *		59 *					
Nivel Max.	122 *	117 *	132 *	150 *	120 *	127 *	107 *					
Día	27	2	18	25	29	9	8					
Hora	7	17	7	7	17	7	17					
Nivel Mín.	92 *	92 *	87 *	96 *	90 *	95 *	50 *					
Día	4	5	2	21	28	29	31					
Hora	17	7	7	7	7	17	7					
Nivel Medio	101	101	104	105	104	103	85					

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H136	ALAMBI EN CHURUPAMBA											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				130	103	95	90	78	65	58	93	94
2				127	103	93	88	78	63	58	87	106
3				125	101	95	86	74	66	63	90	99
4				123	107	104	87	72	63	58	96	95
5				122	102	100	85	76	66	61	88	94
6				121	107	105	86	73	65	58	86	99
7				121	104	100	89	74	64	56	88	97
8				121	100	99	85	73	58	57	93	99
9				121	100	99	84	71	56	62	94	99
10				119	103	100	84	73	53	63	93	99
11				121	107	96	82	71	56	73	90	97
12				121	106	95	81	73	59	62	93	99
13				119	113	97	82	71	56	60	97	99
14				115	106	95	86	68	53	64	102	104
15				113	104	95	82	67	54	68	101	105
16				107	104	99	84	65	54	61	98	102
17			131	103	103	96	84	64	52	59	101	103
18			148	105	103	94	80	67	56	68	99	103
19			137	105	101	94	80	65	54	61	95	104
20			140	105	99	94	81	66	56	64	95	103
21			137	107	98	93	85	64	60	73	96	101
22			131	111	101	91	80	67	60	65	92	99
23			127	110	97	93	79	65	75	66	91	97
24			125	110	102	93	80	67	69	62	93	97
25			132	110	106	96	78	65	64	65	93	95
26			127	114	99	92	78	63	60	66	99	94
27			125	114	102	91	79	67	60	68	96	94
28			125	110	104	90	81	65	59	70	93	94
29			127	108	102	91	78	62	57	70	91	94
30			126	107	96	92	80	63	57	82	99	93
31			131		95		78	62		86		93
Nivel Max.				133	132	121	91	79	81	110	118	116
Día				1	12	3	7	2	23	30	17	2
Hora				16.4	19.5	17	1.5	12	3.1	15.1	16.5	5.5
Nivel Mín.				102	94	88	76	61	50	54	82	90
Día				18	31	28	31	31	16	8	2	1
Hora				13.2	22.4	21.2	8.3	3	20.4	17.2	15.2	12.3
Nivel Medio				115	103	96	83	69	60	65	94	98

H138	BLANCO DJ TOACHI(PTE.UNICOOP)											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	40 *	282	170 *	276	216	207	181	184	110	181	219	233
2	60 *	290	170 *	259	215	228	179	172	109	149	213	297
3	70 *	255	190 *	259	217	207	174	171	114	193	225	229
4	70 *	250	190 *	250	216	253	173	165	114	155	218	207
5	80 *	235	350 *	235	213	219	174	166	110	164	227	193
6	80 *	238	222	228	206	211	172	163	141	170	211	184
7	100 *	232	216	224	201	221	171	133	124	147	228	184
8	120 *	227	208	225	199	204	172	111	118	177	221	215
9	110 *	225	205	226	205	199	171	111	127	194	219	208
10	102	239	210	218	208	203	166	112	125	181	206	206
11	101	238	211	235	219	198	164	114	115	206	211	209
12	98	230	210	254	202	200	165	118	116	175	229	229
13	96	233	211	274	241	194	164	118	153	167	211	218
14	94	225	214	257	215	201	162	128	151	161	222	236
15	97	220	221	255	220	209	162	129	164	168	223	276
16	114	221	266	253	239	222	158	130	142	156	212	240
17	138	231	277	241	215	203	157	129	142	153	233	235
18	142	252	285	237	210	200	154	126	130	192	214	244
19	198	229	269	231	210	228	154	120	135	162	202	272
20	218	222	282	231	202	218	154	117	150	187	200	260
21	211	220	268	228	198	212	157	119	160	188	242	241
22	221	214	244	234	205	199	153	113	179	180	216	240
23	248	214	254	227	198	193	154	110	236	190	216	223
24	246	215	258	246	194	191	154	107	191	168	251	219
25	224	224	260	238	201	197	154	109	167	186	221	212
26	241		245	220	232	200	152	105	161	225	234	212
27	251		244	229	198	193	150	104	158	211	224	226
28	257		230	223	198	186	156	104	141	232	225	239
29	246		226	235	247	187	172	105	133	212	223	246
30	264		235	228	214	182	232	105	154	203	268	230
31	266		287		215		192	127		207		236
Nivel Max.	332		350 *	313	287	272	264	190	269	290	370	362
Día	29		18	1	16	4	30	1	23	26	30	18
Hora	23.5		7	2.3	8.1	6.1	6.2	4.3	3.2	21	9.1	23.1
Nivel Mín.	40 *		170 *	213	191	180	149	101	105	142	191	176
Día	1		1	28	25	30	28	30	4	2	20	7
Hora	7		7	16.1	19.1	20.2	3.1	18.1	22	20.1	18.2	14
Nivel Medio	155	234	236	239	212	206	166	127	142	182	222	229

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H139	BLANCO EN LOS BANCOS											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				126	116	108	83	76	59	47	114	145
2				120	114	110	82	71	60	76	102	182
3				119	112	108	80	74	55	102	122	150
4				116	110	129	79	61	56	90	122	142
5				112	107	112	80	57	56	88	114	137
6				110	106	110	79	60	48	91	106	132
7				109	106	110	80	57	48	84	108	133
8				111	105	105	79	55	51	85	114	140
9				110	111	105	78	55	54	85	114	147
10				110	109	105	78	56	56	97	109	124
11				113	109	103	76	56	56	95	106	115
12			110	124	110	101	78	54	54	87	116	115
13			111	128	116	106	75	53	42	83	112	114
14			113	121	109	104	75	52	47	83	122	135
15			117	123	116	104	74	56	50	84	121	137
16			142	124	113	99	74	55	51	80	121	125
17			154	119	111	95	75	55	50	77	142	126
18			161	121	108	92	73	55	50	87	149	131
19			151	116	107	87	72	56	52	79	142	136
20			151	116	104	93	73	57	44	90	140	130
21			140	122	104	92	73	57	37	98	145	127
22			129	128	109	87	71	57	22	91	136	119
23			130	123	105	85	71	58	13	93	134	115
24			128	126	103	89	73	57	7	85	147	111
25			132	124	109	94	73	56	27	94	142	110
26			123	118	110	87	71	58	29	106	154	106
27			116	127	107	86	72	59	33	105	145	115
28			116	122	108	85	71	60	37	109	147	103
29			114	130	114	83	79	58	41	102	136	109
30			118	121	107	81	78	59	44	108	153	108
31			144		111		73	60		105		113
Nivel Max.				156	136	143	91	79	62	163	190	208
Día				26	25	4	7	3	2	27	30	14
Hora				23.4	19.4	1	21.3	0.5	18.1	19.5	6.4	18.5
Nivel Mín.				107	101	81	70	37	0	30	98	102
Día				7	25	30	28	13	24	1	2	30
Hora				15.2	15.4	14.2	19.5	22.1	19.5	1	17	10.2
Nivel Medio			130	120	109	98	76	58	44	90	128	127

H143	GRANOBLES AJ GUACHALA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	64 *	108 *	150 *	85 *	95 *	95 *	92 *	58 *	61 *	60 *	76 *	105 *
2	68 *	100 *	134 *	85 *	94 *	92 *	88 *	59 *	59 *	61 *	79 *	99 *
3	71 *	97 *	118 *	88 *	91 *	89 *	86 *	54 *	59 *	58 *	76 *	91 *
4	72 *	96 *	105 *	92 *	89 *	87 *	86 *	55 *	61 *	55 *	73 *	88 *
5	75 *	111 *	98 *	95 *	88 *	85 *	86 *	60 *	64 *	58 *	70 *	86 *
6	81 *	107 *	97 *	95 *	91 *	82 *	81 *	62 *	65 *	59 *	76 *	85 *
7	81 *	107 *	104 *	92 *	92 *	84 *	77 *	65 *	64 *	62 *	82 *	87 *
8	81 *	111 *	106 *	90 *	91 *	85 *	75 *	65 *	63 *	63 *	83 *	88 *
9	86 *	118 *	100 *	86 *	90 *	89 *	74 *	66 *	61 *	61 *	79 *	92 *
10	90 *	114 *	97 *	84 *	87 *	90 *	72 *	63 *	59 *	58 *	80 *	88 *
11	94 *	122 *	96 *	81 *	85 *	91 *	70 *	62 *	58 *	63 *	82 *	86 *
12	97 *	132 *	95 *	84 *	87 *	93 *	70 *	64 *	59 *	65 *	80 *	87 *
13	102 *	140 *	97 *	86 *	91 *	96 *	73 *	67 *	62 *	67 *	79 *	84 *
14	114 *	144 *	94 *	88 *	90 *	93 *	73 *	69 *	67 *	71 *	76 *	79 *
15	123 *	154 *	91 *	92 *	88 *	92 *	72 *	70 *	70 *	70 *	73 *	76 *
16	139 *	161 *	89 *	95 *	87 *	94 *	70 *	72 *	70 *	68 *	71 *	75 *
17	171 *	182 *	88 *	92 *	88 *	98 *	72 *	67 *	72 *	66 *	70 *	75 *
18	236 *	204 *	91 *	90 *	87 *	102 *	72 *	62 *	72 *	68 *	70 *	72 *
19	252 *	242 *	92 *	87 *	94 *	108 *	70 *	60 *	70 *	75 *	68 *	70 *
20	229 *	243 *	91 *	83 *	96 *	113 *	68 *	58 *	68 *	83 *	67 *	71 *
21	215 *	223 *	90 *	79 *	93 *	121 *	69 *	56 *	69 *	83 *	70 *	68 *
22	202 *	208 *	87 *	77 *	96 *	118 *	67 *	56 *	67 *	82 *	73 *	65 *
23	189 *	196 *	85 *	81 *	99 *	102 *	66 *	55 *	66 *	87 *	75 *	64 *
24	192 *	191 *	87 *	86 *	103 *	95 *	65 *	54 *	65 *	93 *	78 *	63 *
25	178 *	185 *	91 *	90 *	112 *	93 *	63 *	60 *	63 *	90 *	86 *	60 *
26	160 *	173 *	90 *	94 *	120 *	95 *	62 *	64 *	62 *	86 *	88 *	59 *
27	149 *	167 *	91 *	98 *	110 *	96 *	60 *	67 *	60 *	84 *	96 *	61 *
28	140 *	154 *	90 *	101 *	103 *	109 *	59 *	67 *	59 *	79 *	111 *	65 *
29	129 *		91 *	100 *	98 *	102 *	59 *	65 *	59 *	75 *	119 *	67 *
30	119 *		89 *	97 *	96 *	96 *	59 *	63 *	58 *	72 *	113 *	72 *
31	116 *		86 *		93 *		57 *	62 *		75 *		74 *
Nivel Max.	258 *	248 *	153 *	103 *	122 *	123 *	93 *	72 *	73 *	96 *	120 *	107 *
Día	19	19	1	29	26	21	1	16	17	24	29	1
Hora	8	18	8	18	8	18	8	8	18	18	8	8
Nivel Mín.	63 *	95 *	84 *	76 *	84 *	81 *	57 *	52 *	57 *	55 *	67 *	58 *
Día	1	4	23	22	11	6	31	3	11	4	20	26
Hora	8	8	18	8	18	18	8	18	8	8	8	8
Nivel Medio	132	153	97	89	94	96	71	62	63	71	80	77

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H144	GUACHALA AJ GRANOBLES											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	28 *		44 *	39 *		46 *	56 *	43 *	33 *	33 *	23 *	29 *
2	29 *		42 *	37 *	51 *	44 *	91 *		33 *	32 *		29 *
3	29 *	47 *	44 *	37 *	55 *	44 *	76 *	45 *	35 *	29 *		26 *
4	27 *	48 *	46 *	36 *	64 *	52 *	79 *	43 *	35 *	27 *	24 *	26 *
5	31 *	48 *	46 *		92 *	49 *	79 *	43 *	34 *	26 *	23 *	25 *
6	27 *	48 *	41 *		90 *	50 *	95 *	45 *	36 *	28 *	21 *	24 *
7	27 *	46 *	37 *	33 *	77 *	50 *	100 *	47 *	37 *	28 *	24 *	26 *
8	27 *	47 *	36 *	33 *	67 *	51 *	104 *	47 *	35 *	25 *	22 *	28 *
9	29 *	48 *	37 *	36 *	63 *	48 *	98 *	46 *	33 *	24 *	23 *	28 *
10	29 *	46 *	40 *	39 *	59 *	47 *	79 *	44 *	30 *	24 *	25 *	26 *
11	27 *	50 *	45 *	46 *	57 *	46 *	71 *	44 *	28 *	26 *	25 *	24 *
12	25 *	56 *	56 *	45 *	59 *	45 *	62 *	42 *	27 *	26 *	27 *	24 *
13	26 *	58 *	54 *	43 *	58 *	45 *	56 *	30 *	25 *	27 *	29 *	25 *
14	25 *	62 *	51 *	46 *	57 *	46 *	48 *	32 *	21 *	25 *	28 *	24 *
15	20 *	49 *	51 *	45 *	55 *	46 *	47 *		19 *	24 *	26 *	22 *
16	20 *	47 *	52 *	47 *	53 *	46 *	47 *	30 *	17 *	34 *	26 *	20 *
17	24 *	46 *	55 *	48 *	51 *	47 *	46 *	29 *	17 *	22 *	28 *	22 *
18	23 *	46 *	57 *	47 *	48 *	46 *	48 *	29 *	15 *	21 *	40 *	20 *
19	26 *	46 *	71 *	49 *	58 *	47 *	48 *	27 *	13 *	22 *	36 *	20 *
20	43 *	43 *	66 *	48 *	63 *	47 *	46 *	26 *	13 *	23 *	33 *	24 *
21	50 *	46 *	64 *	46 *	66 *	45 *	48 *	25 *	13 *	24 *	32 *	24 *
22	50 *	47 *	55 *	45 *	68 *	43 *	49 *	25 *	16 *	24 *	28 *	26 *
23	46 *	65 *	51 *	46 *	65 *	43 *	50 *	26 *	45 *	24 *	25 *	25 *
24	44 *	71 *	45 *	60 *	58 *	43 *	49 *		47 *	25 *	25 *	27 *
25	47 *	72 *	46 *	67 *	57 *	44 *	49 *	28 *	46 *	25 *	31 *	32 *
26	48 *	63 *	45 *	63 *	55 *	46 *	47 *	36 *	49 *	26 *	34 *	29 *
27	49 *	52 *	43 *	56 *	56 *	45 *	44 *	41 *	49 *	25 *	35 *	27 *
28	51 *	49 *	41 *	51 *	51 *	43 *	43 *	40 *	45 *	24 *	34 *	25 *
29	50 *		43 *	97 *	49 *	44 *	45 *	38 *	34 *	21 *	31 *	23 *
30	49 *		43 *	69 *		43 *	46 *	38 *	34 *	21 *	29 *	23 *
31			40 *				44 *	35 *		23 *		21 *
Nivel Max.			74 *			56 *	104 *		49 *	43 *		35 *
Día			19			4	8		26	16		25
Hora			18			7	7		18	7		18
Nivel Mín.			35 *			42 *	42 *		12 *	20 *		18 *
Día			8			23	28		19	18		19
Hora			18			7	7		7	18		7
Nivel Medio	34	52	48	48	60	46	61	36	30	25	28	25

H146	GUAYLLABAMBA DJ ALAMBI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	93	163	87	196	149	117	101	69	69	68	124	155
2	80	173	86	191	141	116	139	72	73	69	91	227
3	76	157	103	174	139	128	105	72	71	79	110	184
4	96	164	97	160	145	187	96	72	69	81	148	164
5	93	157	182	153	166	138	91	73	68	71	134	150
6	104	154	115	151	147	133	100	72	70	63	117	139
7	99	167	101	145	138	138	110	71	68	57	112	132
8	79	135	93	142	133	153	140	69	73	56	148	128
9	69	129	90	141	131	138	137	73	68	59	154	123
10	65	141	90	142	150	130	99	70	69	72	128	123
11	64	135	92	141	156	123	94	66	73	81	121	123
12	58	132	92	150	152	120	93	63	73	63	140	123
13	57	133	96	139	197	129	90	66	67	73	155	123
14	57	118	90	138	145	133	87	67	68	65	169	152
15	63	114	86	140	151	113	87	69	69	66	159	153
16	84	121	111	142	138	111	88	67	69	62	138	137
17	112	117	164	128	133	107	83	69	70	57	177	136
18	107	122	217	127	125	107	81	64	76	67	193	138
19	177	113	216	125	124	108	80	57	67	60	162	137
20	215	102	221	133	121	117	81	57	68	65	172	141
21	186	100	232	154	136	108	79	57	70	99	177	139
22	173	97	197	163	121	99	78	70	90	67	144	125
23	154	94	173	166	118	97	71	65	111	72	137	113
24	162	115	166	162	110	100	80	60	120	62	147	110
25	143	103	195	189	120	118	77	68	101	60	167	107
26	190	111	175	176	114	100	56	81	108	62	196	114
27	201	95	160	208	123	96	76	74	97	72	177	104
28	178	98	154	179	144	94	77	65	89	106	155	101
29	178		159	176	144	92	69	65	71	100	145	99
30	220		167	168	127	89	63	72	70	100	159	97
31	186		196		137		64	73		95		106
Nivel Max.	290	213	247	231	218	229	177	92	173	184	300	267
Día	30	7	21	27	13	4	9	30	26	29	17	2
Hora	3.1	0.2	6.5	1.2	1.1	3	1	4.3	2.3	20.5	22.1	14
Nivel Mín.	48	80	73	114	103	81	30	28	59	53	68	83
Día	14	28	2	19	27	30	30	21	9	17	2	31
Hora	18.1	17	16.2	15	14.4	16.2	1.1	2.1	20.4	12.2	14.1	19.1
Nivel Medio	123	127	142	157	138	118	89	68	78	72	149	132

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H147	GUAYLLABAMBA DJ PACHIJAL											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				261	177	153	142	126	119	127	184	232
2				267	174	153	152	125	120	124	162	225
3				265	172	155	140	125	125	145	175	221
4				254	172	185	137	125	123	135	191	220
5				247	178	161	135	125	126	138	222	216
6				247	172	159	137	125	134	134	216	210
7				244	169	160	140	124	122	130	202	202
8				240	166	161	147	124	123	128	193	194
9				241	166	154	149	123	122	129	196	180
10				239	173	155	136	124	106	136	189	
11				240	177	154	133	124	96	155	182	
12				244	173	150	134	122	96	127	188	
13				246	187	154	133	122	104	124	189	
14				243	174	158	130	123	99	122	200	
15				250	178	149	128	123	96	138	185	
16				248	173	148	130	124	96	129	182	
17				221	169	150	128	124	95	126	242	
18				176	165	146	128	124	94	132	225	
19			287	174	165	144	131	121	98	124	200	
20			298	181	162	147	126	122	110	132	187	
21			282	193	163	144	126	122	115	158	174	
22			263	194	168	141	126	123	137	137	164	
23			254	196	161	141	126	121	140	135	149	
24			255	201	160	140	126	119	142	131	186	
25			262	204	165	148	126	120	132	142	169	
26			254	198	165	140	125	119	147	139	204	
27			251	206	160	139	125	119	135	139	180	
28			243	196	167	136	125	119	135	191	178	
29			242	189	182	138	126	119	132	166	217	
30			248	184	160	137	135	123	128	161	237	
31			272		164		127	120		162		
Nivel Max.				291	220	204	161	134	174	236	255	
Día				1	29	3	9	18	21	28	17	
Hora				23.4	0	23.2	2.4	9.3	19.4	0.1	7.3	
Nivel Mín.				168	145	133	115	115	89	114	144	
Día				18	27	29	29	29	11	14	23	
Hora				18.2	16	17	19.4	23.1	23.4	4.2	16.1	
Nivel Medio				223	170	150	133	123	118	138	192	

H148	GUAYLLABAMBA DJ PISQUE											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		144 *	110 *	138 *			122	95	75	105	90	108
2		148 *	72 *				150	92	73	104	84	155
3		135 *	120 *				118	90	78	99	84	132
4		138 *	90 *			142 *	107	99	77	101	91	118
5	78 *	135 *	110 *			123 *	110	86	74	101	94	104
6	95 *					118 *	114	80	76	92	93	95
7	92 *				128 *	120 *	139	93	73	89	87	93
8	106 *				120 *	143 *	164	91	76	96	90	100
9				108 *	121 *	128	151	91	71	101	98	101
10				95 *	120 *	112	119	96	72	122	96	95
11				113 *	130 *	109	113	98	75	130	99	91
12		132 *	124 *	93 *	129 *	107	116	106	74	103	102	97
13		125 *	91 *	112 *	160 *	132	113	97	75	89	103	92
14		120 *	107 *	105 *	130 *	110	107	72	77	99	113	111
15	92 *	105 *	83 *	105 *		107	107	73	75	86	109	108
16	86 *	115 *	109 *			105	105	72	73	90	100	97
17	107 *	117 *	115 *			103	106	71	73	88	134	101
18	105 *	121 *	195 *			103	105	74	67	94	126	99
19	140 *	108 *	190 *			109	111	72	66	97	112	99
20	148 *					110	103	73	63	102	122	118
21	140 *				127 *	107	104	72	59	102	121	109
22	130 *				117 *	103	106	72	78	112	97	93
23				115 *	110 *	102	104	75	113	113	87	87
24				130 *	106 *	99	101	74	129	96	100	86
25				162 *	113 *	121	107	73	135	108	123	90
26		121 *	140 *	127 *	103 *	102	101	75	109	94	136	92
27		116 *	125 *	135 *	97 *	101	103	73	108	87	135	86
28		110 *	113 *	130 *	109 *	100	105	79	105	90	112	85
29	150 *		130 *	120 *		99	99	90	105	98	104	88
30	158 *		131 *	136 *		101	104	87	105	108	108	86
31	180 *		130 *				106	76		105		87
Nivel Max.							201	129	180	139	250	211
Día							8	29	25	11	17	2
Hora							21.5	22	18.1	0.2	15.2	9.5
Nivel Mín.							96	58	55	82	78	82
Día							1	16	21	15	24	27
Hora							7	8.1	22.2	22.3	3.3	15.4
Nivel Medio						112	113	83	84	100	105	100

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H149	GUAYLLABAMBA EN PTE.CHACAPATA											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1							124	112	101	96	148	147
2							163	105	99	95	117	188
3							131	99	99	122	110	162
4							121	109	97	102	134	154
5							118	102	94	110	135	151
6							130	101	98	110	118	143
7							144	104	94	103	114	140
8							146	110	99	112	155	141
9							165	116	94	104	131	142
10							135	106	94	125	137	143
11							126	106	89	124	132	132
12						125	131	103	92	122	137	136
13						140	126	102	101	140	152	134
14						128	120	104	97	103	180	155
15						125	116	102	98	108	176	145
16						124	117	96	97	102	167	148
17						123	115	107	97	104	192	153
18						120	115	105	95	105	164	133
19						123	112	98	95	119	152	146
20						132	111	100	104	118	160	159
21						126	106	106	103	134	167	139
22						119	110	94	113	119	142	131
23						120	113	101	119	133	137	132
24						113	110	102	131	119	138	126
25						128	114	96	135	114	159	126
26						118	112	96	119	115	166	137
27						122	109	99	138	117	164	129
28						114	111	101	106	121	150	122
29						111	100	98	107	118	143	123
30						112	106	113	101	110	145	124
31							110	104		113		123
Nivel Max.							190	132	189	179	249	227
Día							9	9	25	29	17	2
Hora							0.1	1.4	21.1	19.1	19.3	13.1
Nivel Mín.							81	72	71	79	95	96
Día							31	27	11	8	2	29
Hora							12.1	13.5	18.1	13.2	13.1	14.3
Nivel Medio							122	103	104	114	147	141

H150	INTAG DJ PAMPLONA											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	134	171	171	142	157	116 *	109 *	86 *	74 *	78 *	138 *	155 *
2	129	171	145	145	152	114 *	110 *	85 *	73 *	73 *	125 *	163 *
3	129	163	154	142	155	111 *	109 *	86 *	73 *	83 *	130 *	153 *
4	147	173	152	146	158	133 *	108 *	84 *	73 *	80 *	135 *	138 *
5	136	165	153	139	155	123 *	108 *	84 *	72 *	80 *	160 *	140 *
6	147	164	159	148	160	120 *	108 *	84 *	75 *	75 *	145 *	138 *
7	143	163	175	142	154	123 *	108 *	83 *	75 *	79 *	138 *	135 *
8	133	156	175	193	155	119 *	107 *	83 *	75 *	78 *	135 *	133 *
9	125	151	170	176	159	120 *	107 *	82 *	75 *	77 *	143 *	133 *
10	119	157	175	164	154	119 *	106 *	81 *	74 *	79 *	133 *	130 *
11	115	153	177	158	150	119 *	104 *	81 *	74 *	100 *	145 *	128 *
12	115	151	174	160	163	118 *	103 *	80 *	74 *	89 *	150 *	125 *
13	110	149	198	159	154	118 *	101 *	80 *	74 *	88 *	148 *	123 *
14	109	141	174	154	155	117 *	99 *	80 *	74 *	83 *	150 *	135 *
15	120	142	209	152	154	115 *	92 *	79 *	73 *	79 *	143 *	135 *
16	137	144	180	156	144	113 *	96 *	79 *	73 *	79 *	135 *	133 *
17	143	146	170	149	126 *	111 *	95 *	79 *	73 *	73 *	140 *	133 *
18	150	145	169	161	125 *	111 *	95 *	78 *	73 *	83 *	143 *	129 *
19	204	139	169	145	125 *	110 *	94 *	78 *	73 *	83 *	148 *	133 *
20	209	159	164	136	124 *	109 *	93 *	78 *	76 *	108 *	155 *	128 *
21	192	169	160	142	122 *	108 *	92 *	77 *	83 *	98 *	150 *	126 *
22	180	163	165	146	121 *	108 *	92 *	77 *	90 *	93 *	145 *	123 *
23	183	160	161	155	119 *	107 *	91 *	77 *	103 *	93 *	148 *	122 *
24	171	164	157	153	117 *	107 *	91 *	76 *	115 *	88 *	153 *	121 *
25	169	159	154	153	116 *	125 *	90 *	76 *	113 *	88 *	148 *	121 *
26	199	153	153	162	114 *	118 *	90 *	75 *	108 *	83 *	155 *	118 *
27	187	144	152	154	113 *	114 *	88 *	75 *	110 *		148 *	117 *
28	175	141	145	152	128 *	111 *	89 *	75 *	103 *	135 *	150 *	117 *
29	174		146	153	124 *	110 *	88 *	75 *	95 *	113 *	145 *	118 *
30	204		145	151	119 *	108 *	88 *	74 *	90 *	118 *	148 *	116 *
31	175		138		118 *		87 *	74 *		115 *		116 *
Nivel Max.	255	197	233	208	165	140 *	110 *	86 *	120 *		170 *	170 *
Día	19	1	15	8	6	4	1	1	24		5	2
Hora	19.5	22.5	13	16.3	10.4	6	17	6	6		6	6
Nivel Mín.	106	139	138	136	112 *	107 *	86 *	73 *	72 *		120 *	115 *
Día	14	19	31	20	27	23	31	31	5		2	30
Hora	20	8	20.3	12	17	6	17	17	6		17	17
Nivel Medio	154	156	164	153	138	115	98	79	83	89	144	130

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H153	LELIA DJ CRISTAL											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		76	52	70	59	56	55	53	47	58	62	70
2		74	59	65	65	60	53	52	47	55	60	81
3		67	62	65	65	58	54	51	48	63	64	72
4		64	65	64	64	59	53	48	50	57	63	71
5		59	64	63	65	58	55	47	54	58	63	69
6		60	61	64	64	59	52	48	53	57	62	70
7		62	62	62	62	54	53	48	47	53	68	67
8		58	62	65	61	53	54	49	49	54	68	69
9		62	63	65	62	52	51	50	50	60	68	68
10		61	63	63	65	54	53	52	50	52	67	66
11		61	65	65	65	50	53	48	49	54	68	64
12		58	63	60	61	51	52	52	47	50	66	62
13		59	60	63	65	51	52	51	56	49	64	67
14		60	61	67	64	50	52	50	61	45	66	67
15		59	64	64	66	50	52	49	54	44	63	68
16		59	68	65	65	53	54	49	54	50	61	68
17		58	67	64	60	54	51	48	52	52	69	66
18		71	68	64	57	51	52	49	51	64	65	65
19		63	67	63	59	53	52	50	48	55	70	65
20		61	66	64	59	54	51	50	48	54	72	64
21	60	61	62	67	62	51	50	55	51	58	83	62
22	61	60	61	65	66	50	50	51	67	54	79	62
23	58	60	59	64	60	49	49	48	77	52	76	63
24	52	58	60	64	60	57	50	47	67	55	83	60
25	50	59	67	66	61	55	48	51	62	59	80	59
26	59	58	63	64	65	62	49	48	62	60	78	59
27	61	59	67	68	59	56	50	45	60	62	76	57
28	61	57	61	66	60	55	51	43	57	67	73	58
29	63		57	71	65	55	61	41	54	65	72	60
30	67		60	63	62	53	60	40	54	63	75	57
31	68		65		59		54	53		63		57
Nivel Max.		87	82	84	83	83	78	65	99	91	112	94
Día		18	24	28	13	24	29	31	23	18	30	2
Hora		0.5	22.3	23.4	19.1	18	0	4.4	18.2	2.3	6	1.5
Nivel Mín.		53	51	59	54	48	48	40	41	44	59	56
Día		28	1	12	20	23	28	30	8	15	2	31
Hora		12	16	17.4	16.1	10.5	1.5	16.5	8.1	9.1	15.3	13.2
Nivel Medio		62	63	65	62	54	53	49	54	56	69	65

H156	PILATON AJ TOACHI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	47	163	83	119	106	96	69	43	34	53	86	130
2	50	155	86	119	104	93	60	44	32	50	86	145
3	47	144	84	115	104	91	63	44	39	57	90	133
4	46	142	100	108	101	144	58	38	35	55	100	128
5	50	140	101	104	99	114	58	37	37	63	103	124
6	50	138	91	102	99	112	51	36	47	61	90	120
7	50	138	89	101	97	105	49	36	42	55	91	120
8	54	131	87	101	97	100	52	34	40	53	101	123
9	52	132	89	102	97	96	52	34	37	54	111	128
10	49	131	87	100	102	94	49	33	39	65	99	119
11	49	131	88	102	100	97	50	34	37	72	99	107
12	42	132	88	107	104	93	51	35	45	69	102	105
13	38	132	87	114	110	97	50	34	48	67	105	107
14	37	127	87	107	103	92	45	34	44	70	132	119
15	35	127	96	130	102	90	48	33	42	64	123	145
16	62	131	116	120	108	89	50	34	40	63	112	148
17	59	135	147	115	102	90	48	33	38	59	126	152
18	57	146	161	119	99	90	49	30	43	68	142	148
19	96	134	147	111	97	87	41	30	36	72	138	153
20	106	129	144	109	94	91	35	33	40	70	146	152
21	116	126	127	115	93	88	37	30	66	80	150	148
22	147	122	116	120	97	72	37	33	69	89	135	137
23	143	122	110	107	92	71	35	31	116	75	132	133
24	141	122	109	110	92	74	34	29	83	65	148	129
25	131	123	119	114	94	80	31	28	68	65	147	128
26	154	101	109	107	96	72	32	31	65	72	163	122
27	154	86	111	115	96	75	33	29	65	74	151	122
28	145	85	104	116	99	78	35	29	61	99	140	120
29	153		103	112	97	73	34	29	58	87	139	127
30	162		106	107	97	70	36	28	53	87	137	126
31	165		125		100		40	28		85		126
Nivel Max.	207	173	175	154	143	198	71	45	156	120	191	222
Día	29	1	18	15	16	4	1	3	23	28	20	17
Hora	18.5	2.5	1.2	11.1	16.5	2	5.5	8.1	4.2	16.4	16.5	14.5
Nivel Mín.	33	84	82	99	89	69	30	25	30	48	77	95
Día	15	28	2	11	25	30	26	25	5	1	1	11
Hora	5.5	9.1	4.1	14.5	8	22.5	1	8.5	16.1	19.3	16	13.5
Nivel Medio	87	129	106	111	99	90	46	33	50	68	121	130

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H158	PITA AJ SALTO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	109 *	117 *	100 *	99 *	98 *	99	101	100	97	102 *	104 *	114 *
2	115 *	117 *	100 *	100 *	98 *	100	113	97	99	100 *	104 *	115 *
3	119 *	118 *	100 *	78 *	98 *	100	102	97	102 *	100 *	104 *	115 *
4	116 *	121 *	100 *	98 *	98 *	106	102	98	101 *	108 *	102 *	118 *
5	110 *	122 *	100 *	98 *	98 *	104	101	96	100 *	108 *	102 *	110 *
6	109 *	120 *	100 *	98 *	98 *	104	101	99	100 *	105 *	102 *	109 *
7	113 *	119 *	100 *	98 *	98 *	103	110	98	100 *	104 *	100 *	113 *
8	114 *	115 *	103 *	98 *	98 *	112	133	102	99 *	103 *	100 *	114 *
9	117 *	114 *	103 *	98 *	98 *	104	110	101	98 *	102 *	106 *	117 *
10	115 *	108 *	100 *	98 *	98 *	102	102	99	98 *	102 *	100 *	115 *
11	114 *	105 *	100 *	98 *	98 *	100	102	97	98 *	102 *	100 *	113 *
12	110 *	103 *	100 *	97 *	98 *	102	103	96	98 *	104 *	100 *	110 *
13	108 *	103 *	102 *	97 *	98 *	103	102	96	98 *	100 *	100 *	108 *
14	111 *	103 *	103 *	97 *	98 *	99	99	97	98 *	104 *	100 *	111 *
15	112 *	103 *	107 *	98 *	98 *	99	100	98	97 *	104 *	100 *	112 *
16	115 *	102 *	107 *	97 *	98 *	99	100	97	97 *	109 *	107 *	115 *
17	123 *	102 *	108 *	98 *	98 *	98	99	97	97 *	113 *	104 *	111 *
18	129 *	102 *	107 *	98 *	98 *	97	99	97	97 *	117 *	104 *	107 *
19	127 *	103 *	106 *	98 *	97 *	98	100	96	97 *	114 *	103 *	104 *
20	119 *	107 *	104 *	98 *	98 *	97	100	97	99 *	115 *	104 *	102 *
21	118 *	108 *	104 *	99 *	98 *	97	100	96	98 *	112 *	100 *	100 *
22	115 *	105 *	104 *	99 *	97 *	96	100	96	105 *	110 *	102 *	100 *
23	112 *	103 *	104 *	99 *	98 *	97	98	97	109 *	108 *	103 *	103 *
24	112 *	102 *	104 *	98 *	97 *	97	100	98	107 *	108 *	104 *	104 *
25	109 *	107 *	105 *	98 *	97 *	97	100	97	106 *	105 *	100 *	103 *
26	108 *	105 *	106 *	98 *	97 *	98	98	97	104 *	105 *	98 *	107 *
27	105 *	103 *	107 *	99 *	104	97	97	97	102 *	105 *	98 *	106 *
28	103 *	102 *	106 *	98 *	106	97	97	101	102 *	105 *	100 *	109 *
29	103 *		106 *	99 *	102	98	98	109	100 *	104 *	100 *	108 *
30	100 *		104 *	99 *	100	97	97	102	100 *	104 *	100 *	104 *
31	113 *		104 *		101		98	99		103 *		103 *
Nivel Max.	129 *	122 *	108 *	100 *	121	116	151	116	110 *	118 *	108 *	120 *
Día	18	4	15	2	27	8	8	29	23	18	16	1
Hora	6	16	6	16	21	1.4	12.1	12.4	6	16	17	16
Nivel Mín.	100 *	102 *	100 *	58 *	96 *	96	95	96	96	100 *	98 *	100 *
Día	30	16	1	3	28	22	1	25	2	2	26	21
Hora	6	6	6	6	6	16.1	0.3	16.2	22.2	6	6	6
Nivel Medio	113	108	103	97	99	100	102	98	100	106	102	109

H159	SAN PEDRO EN MACHACHI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	68	75	72	63	69	74	64	54	52	58 *	63 *	78 *
2	65	80	68	65	66	72	62	55	53	58 *	64 *	77 *
3	65	74	67	65	61	75	61	53	52	57 *	64 *	75 *
4	62	78	67	62	60	87	58	53	53	56 *	66 *	74 *
5	63	79	66	63	65	78	60	51	52	56 *	67 *	73 *
6	69	71	66	59	59	72	57	51	53	55 *	65 *	70 *
7	65	76	64	65	57	75	59	50	52	54 *	66 *	69 *
8	68	72	61	65	59	74	57	50	49	53 *	69 *	71 *
9	65	71	60	63	64	72	58	51	50	52 *	69 *	72 *
10	63	80	60	63	65	70	58	51	50	52 *	68 *	72 *
11	62	80	60	58	65	71	56	52	50	52 *	69 *	71 *
12	64	79	62	63	67	73	57	52	50	53 *	70 *	70 *
13	62	78	59	65	71	74	56	50	50	54 *	71 *	70 *
14	63	74	51	62	68	69	57	50	53	54 *	72 *	71 *
15	61	74	54	64	72	68	57	51		55 *	71 *	72 *
16	64	76	54	61	68	69	55	52		55 *	70 *	71 *
17	73	75	60	65	69	68	56	52		54 *	72 *	69 *
18	65	75	77	64	69	69	54	52		56 *	74 *	68 *
19	68	75	83	64	66	69	53	52		56 *	74 *	68 *
20	68	73	83	66	65	68	55	52		60 *	75 *	68 *
21	66	72	73	66	66	69	57	52		65 *	74 *	68 *
22	69	71	68	68	66	67	54	50		65 *	72 *	68 *
23	62	68	73	68	65	67	53	50		62 *	72 *	68 *
24	64	69	69	66	64	67	52	49		63 *	72 *	68 *
25	63	71	69	64	64	70	53	50		62 *	77 *	67 *
26	66	71	65	70	65	65	53	51		62 *	88 *	66 *
27	67	69	64	65	78	68	52	51		62 *	86 *	66 *
28	70	70	65	64	78	63	53	50		62 *	80 *	66 *
29	84		66	62	71	62	53	49		60 *	80 *	67 *
30	78		63	70	69	64	53	51		61 *	78 *	68 *
31	82		66		76		53	51		62 *		66 *
Nivel Max.	112	103	120	96	128	121	68	70		66 *	88 *	78 *
Día	29	10	19	20	27	4	2	1		21	26	1
Hora	19.3	20.3	2.3	23.2	19.2	10.3	22.1	13		18	6	6
Nivel Mín.	45	54	32	42	33	37	37	37		52 *	62 *	66 *
Día	13	20	16	6	10	26	27	24		9	1	25
Hora	18.1	15.1	7.3	3.5	7.1	10.5	12.5	10.4		6	6	18
Nivel Medio	67	74	66	64	67	70	56	51		58	72	70

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H160	SARAPULLO AJ TOACHI											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1					87	67	58	53	51	27	76	81
2					87	65	60	50	49	27	72	92
3					86	74	58	49	51	26	74	80
4					84	89	56	47	53	34	84	75
5					83	73	54	46	49	30	82	73
6					84	75	57	44	57	36	75	71
7					82	69	57	44	50	33	81	69
8					79	67	53	42	47	29	87	75
9					84	67	50	41	44	28	83	74
10					83	65	47	42	42	41	82	72
11					85	65	48	42	37	43	81	71
12					92	63	54	44	27	36	86	79
13					98	66	51	42	24	33	91	78
14					88	63	50	42	21	31	97	85
15					89	61	48	43	19	30	90	85
16					87	61	47	42	16	28	86	81
17					83	63	44	44	15	25	92	79
18					82	65	41	43	15	23	85	79
19					82	64	40	41	13	21	83	86
20					82	68	38	44	14	24	87	85
21					78	64	37	42	29	43	94	80
22					83	59	36	41	32	35	84	77
23					78	56	33	42	58	39	83	73
24				93	74	64	33	42	37	34	92	71
25				91	78	66	38	42	31	31	92	70
26				91	84	66	42	42	28	46	91	68
27				93	82	63	46	46	30	56	87	67
28				93	81	61	50	47	32	89	84	66
29				91	89	62	53	48	30	74	81	65
30				89	81	60	52	49	29	71	81	70
31					70		54	50		76		66
Nivel Max.					146	137	63	56	82	109	118	110
Día					12	3	31	1	23	28	14	2
Hora					20.4	21.1	20.2	0.2	1.2	14.4	14.4	1.3
Nivel Mín.					67	54	33	40	11	20	68	62
Día					31	23	24	10	20	20	2	29
Hora					13.1	20.4	7.1	20.2	18.4	13	12.3	13
Nivel Medio					83	66	48	44	34	39	85	76

H161	TOACHI AJ PILATON											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	172	222		348	284	265	210	173	145	168	315	390
2	189	224		343	276	259	210	166	168	165	271	329
3	170	226		330	278	261	199	164	164	198	287	382
4	172	225		315	261	347	196	162	168	192	296	401
5	170	222		293	259	302	194	159	163	175	337	420
6	198	228		287	255	278	194	156	198	203	293	435
7	181	236		284	245	263	198	154	165	175	314	441
8	168	237		280	235	247	192	152	162	173	349	409
9	145	242		291	256	236	192	151	160	189	343	411
10	140	274		275	263	239	185	147	154	204	326	393
11	151	314		286	279	232	181	149	152	214	330	417
12	143	304		301	268	227	183	145	151	192	326	377
13	129	281		300	323	231	178	144	165	188	352	377
14	127	280		301	287	228	175	143	171	177	354	350
15		269		314	292	219	173	142	165	173	365	372
16		268		322	267	222	171	141	162	167	323	362
17		260		298	252	224	170	140	156	163	345	357
18		250		290	244	236	168	138	154	181	340	357
19		243		286	238	237	168	137	151	175	321	374
20		243		291	236	248	164	136	149	176	320	359
21	291	237		317	226	240	163	136	194	227	370	341
22	318	244		325	255	215	160	133	236	201	340	323
23	285			322	230	207	158	135	330	215	325	305
24	242			309	222	234	156	132	251	185	363	291
25	218		338	301	240	252	153	132	207	209	344	280
26	215		316	296	255	242	151	130	195	252	302	269
27	234		331	342	240	223	149	130	204	226	333	261
28	235		298	321	234	219	155	128	187	336	367	256
29	240		289	329	291	217	170	127	179	301	385	264
30	239		312	302	264	223	176	125	174	278	363	258
31	222		360		281		170	126		292		268
Nivel Max.				377	363	365	224	189	391	375	394	474
Día				1	12	4	1	1	23	28	14	18
Hora				22.1	22.1	5.5	22	0.3	2.4	20.3	19.3	21.5
Nivel Mín.				265	217	202	140	125	134	162	246	176
Día				10	25	24	29	31	1	17	2	2
Hora				19	17.1	13.2	20.3	9.2	2.2	19	17.2	3.1
Nivel Medio	200	251		307	259	242	176	143	179	205	333	349

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H163	TOACHI DJ SARAPULLO											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1						127 *	91	60	44	80 *	167	324
2					137 *		90	52	49	52	138	292
3						125 *	85	50	47	84	138	332
4							81	50	53	70	159	350
5							80	48	41	69	177	363
6					121 *		80	47	82	78	140	369
7						120 *	83	52	44	60	168	361
8					114 *		77	47	47	60	197	337
9						115 *	80	46	39	70	176	362
10							70	43	38	97	162	347
11						107 *	71	43	37	102	163	350
12							73	45	38	73	172	348
13					144 *		68	45	48	71	179	327
14						100 *	67	43	60	60	200	170
15					135 *		67	42	46	60	195	185
16							62	42	39	56	163	179
17						98	62	42	38	53	211	176
18					123 *	110	62	41	35	63	182	181
19						114	61	40	34	57	170	189
20					110 *	113	59	39	38	64	183	182
21						107	60	39	75	100	222	164
22						93	58	39	94	75	177	151
23					107 *	90	57	37	185	78	175	143
24						108	54	36	109	73	221	135
25					106 *	114	54	36	80	76	210	130
26						117	52	37	74	126	264	128
27						102	53	36	80	101	297	121
28						97	56	34	71	181	325	120
29					150 *	96	67	34	62	141	335	115
30						102	61	34	57	135	328	128
31							64	35		150		125
Nivel Max.							104	61	284	273	345	377
Día							1	1	23	28	30	8
Hora							22.3	5.5	2.4	17.3	10.5	8.4
Nivel Mín.							52	33	34	51	113	109
Día							28	30	19	19	3	30
Hora							18.2	23	20.3	20.5	11.5	9
Nivel Medio						108	68	42	60	84	200	232

H165	TOACHI AJ ALLURIQUIN											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	145	252	193	246	222	215	180	168	125	139	187	237
2	153	249	197	243	218	213	178	157	127	136	175	260
3	145	233	197	236	220	212	175	162	128	153	180	238
4	145	232	210	229	215	262	173	144	130	148	188	231
5	144	229	215	223	214	229	171	130	127	147	204	223
6	152	228	202	222	211	225	174	127	136	156	183	221
7	144	231	197	220	210	221	174	129	128	142	190	221
8	140	225	196	220	207	214	172	126	126	140	202	228
9	134	223	198	221	212	209	171	126	126	144	206	227
10	131	234	201	217	214	210	167	126	124	157	195	227
11	130	231	198	223	221	208	164	126	125	162	195	226
12	127	227	199	226	219	204	161	128	130	144	192	238
13	124	225	197	225	235	208	156	127	138	146	201	231
14	123	218	201	230	220	207	157	126	137	140	219	243
15	129	219	213	231	223	202	153	126	132	137	218	253
16	161	224	242	246	219	200	155	126	129	138	200	245
17	159	230	260	232	213	201	155	125	129	133	208	246
18	154	253	279	228	210	208	151	124	129	143	202	241
19	204	233	267	227	209	207	150	124	129	136	192	254
20	202	223	264	226	207	209	155	125	132	141	195	248
21	206	218	250	233	203	208	150	123	154	163	221	241
22	238	215	237	237	214	200	149	124	164	152	201	233
23	229	212	229	233	204	196	149	122	217	161	195	227
24	222	211	226	234	203	202	145	123	178	145	205	222
25	213	213	237	229	205	206	144	122	159	155	232	218
26	239	205	226	224	211	189	153	123	155	167	271	214
27	241	197	237	240	207	184	148	122	155	162	257	214
28	232	195	224	235	207	183	150	123	152	199	245	213
29	238		222	235	220	180	167	120	146	185	242	217
30	254		230	226	210	181	168	122	142	178	246	215
31	253		254		220	210	165	123		180		217
Nivel Max.	303	278	288	267	278	307	183	183	258	225	282	289
Día	29	18	18	2	12	4	1	1	23	28	25	2
Hora	19.5	3.4	5.2	23	22	2.1	23.2	0.2	2.5	20.4	23.4	1.2
Nivel Mín.	122	194	191	215	199	179	143	120	119	133	167	206
Día	14	28	1	8	25	30	25	29	5	19	2	30
Hora	13.4	20.3	15	14.2	14.2	20.4	8.1	12	15.5	14.4	16.4	17
Nivel Medio	178	225	223	230	214	206	161	129	140	153	208	231

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H166	TOACHI EN LAS PAMPAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	110	92	110	120	105	117	119	65	70	107	104
2	56 *	112	93	113	120	104	115	116	69	70	102	100
3	55 *	99	94	88	121	105	119	102	69	81	102	98
4	55 *	101	105	88	124	83	121	97	69	78	116	106
5	55 *	103	105	87	122	98	123	87	68	74	105	103
6	55 *	103	95	90	124	103	121	72	81	83	103	111
7	54 *	106	94	89	127	104	118	71	69	72	119	108
8	54 *	101	91	85	128	106	119	69	68	74	126	114
9	55 *	99	95	86	119	110	121	68	65	74	114	109
10	56 *	113	99	90	121	106	112	67	67	88	110	114
11	56 *	111	93 *	87	116	110	109	70	67	73	107	122
12	56 *	107	92 *	95	116	107	109	68	67	72	111	119
13	56 *	107	90 *	90	110	108	103	68	69	71	107	114
14	57 *	99	90 *	88	117	110	104	69	74	72	120	114
15	57 *	102	105 *	94	116	114	96	67	68	71	108	120
16	79	104	120 *	94	124	112	101	68	67	68	108	120
17	76	106	135 *	88	127	112	97	67	66	70	128	116
18	74	123	192 *	90	128	108	97	68	66	72	114	108
19	103	110	190 *	83	129	105	103	66	68	71	111	106
20	108	103	145 *	87	128	110	104	67	66	78	120	102
21	105	100	128 *	86	131	107	104	67	76	80	122	100
22	105	100	122 *	117	125	110	103	66	95	79	132	99
23	97	98	120 *	119	129	110	111	65	117	74	128	95
24	89	97	120 *	116	133	115	111	66	94	81	114	94
25	86	101	115	117	126	112	104	66	81	91	111	95
26	106	99	103	118	120	108	99	65	80	85	117	94
27	107	93	107	96	124	115	116	66	87	91	115	96
28	99	95	100	108	127	116	130	66	79	109	130	98
29	109		96	106	108	116	127	65	74	95	115	93
30	117		105	115	107	111	128	65	71	100	110	88
31	113		115		100		131	64		119		88
Nivel Max.	191	142	200 *	127	133	119	133	127	145	150	163	140
Día	29	18	19	1	24	24	29	1	23	28	28	6
Hora	19	3.4	7	23	8	16.1	23.5	13.2	2.4	7.1	1.2	15.3
Nivel Mín.	54 *	92	88 *	74	86	62	95	63	64	67	91	88
Día	6	28	7	27	25	4	15	31	12	17	2	31
Hora	16	23.1	16	1.2	21.5	1.3	14.5	17.1	17	14.4	5.3	12
Nivel Medio	78	104	111	97	122	108	112	73	74	80	114	105

H167	TOACHI EN S.D.DE LOS COLORADOS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	35	121	59	112	83	78	52	41	31	35	78	107
2	35	122	63	108	82	76	52	34	27	38	69	137
3	31	104	72	107	80	69	46	38	34	50	75	110
4	32	95	78	95	77	114	46	35	36	42	75	103
5	31	96	92	90	76	87	46	33	33	43	94	97
6	37	94	77	88	72	81	45	30	49	49	71	91
7	39	95	69	87	71	79	45	30	37	34	77	88
8	28	90	67	85	69	72	44	27	36	34	89	98
9	17	87	67	90	73	69	43	25	39	41	89	102
10	15	96	76	86	78	68	41	26	34	47	79	92
11	15	97	72	90	84	66	39	23	31	53	89	83
12	14	91	73	94	75	65	39	22	30	37	81	93
13	10	95	65	97	95	66	36	24	36	37	86	93
14	8	82	72	94	81	64	39	34	39	32	101	111
15	11	83	79	101	84	60	38	35	28	31	102	119
16	30	84	108	105	81	61	36	32	25	30	85	102
17	56	94	123	97	76	61	37	29	27	27	96	104
18	36	122	137	92	73	66	36	25	25	44	91	104
19	84	99	128	89	72	65	36	21	23	29	79	110
20	100	92	134	91	69	70	36	20	24	34	74	103
21	91	85	119	96	65	73	36	32	50	59	136	92
22	97	78	106	95	78	60	35	34	65	45	103	87
23	97	78	103	94	67	56	34	30	112	52	91	83
24	89	71	103	94	64	63	34	29	72	37	137	77
25	79	68	112	89	63	73	34	26	56	48	131	74
26	97	64	102	85	76	68	34	24	53	60	150	71
27	108	61	101	96	69	58	33	23	51	54	129	74
28	99	61	92	94	69	56	37	20	46	88	129	79
29	96		89	98	82	56	46	17	41	75	109	74
30	117		96	85	74	57	51	16	36	68	138	77
31	117		120		83		39	29		71		72
Nivel Max.	169	145	149	135	133	158	82	65	154	120	221	166
Día	29	18	18	3	12	4	28	13	23	28	30	2
Hora	22.2	6	7.5	2.2	23.2	4.2	20.1	21.4	2.4	17.5	6.4	6
Nivel Mín.	7	59	58	81	61	52	29	16	21	25	60	65
Día	15	28	2	26	25	30	28	30	20	18	2	30
Hora	1.2	23.3	4	17	16	20.1	10.1	15.4	6.1	2.2	19.2	8.1
Nivel Medio	56	89	92	94	75	69	40	28	41	46	98	94

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H168	ESMERALDAS DJ SADE											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				519 *	483 *	465 *		441 *		504 *	627 *	558 *
2			441 *	543 *	495 *	462 *	522 *	441 *		471 *		474 *
3	174 *		468 *	519 *	516 *	486 *	486 *	399 *				444 *
4	282 *		429 *		546 *		465 *	357 *		540 *		528 *
5	303 *	534 *			516 *	474 *	426 *	384 *		513 *		
6	285 *	492 *	552 *		492 *	456 *	450 *			480 *		486 *
7	285 *	447 *	528 *		492 *	486 *	384 *			441 *		453 *
8	252 *	438 *	486 *		453 *	438 *	396 *			453 *	414 *	441 *
9	234 *	408 *	453 *		447 *	393 *	381 *			444 *		438 *
10	225 *	414 *	449 *		483 *	396 *	366 *			468 *		504 *
11			528 *		471 *	384 *	357 *			552 *	516 *	495 *
12	189 *	468 *	513 *		468 *	450 *				399 *	555 *	
13	183 *	460 *	483 *		501 *	399 *	342 *			408 *	528 *	552 *
14	207 *	426 *		540 *	471 *	477 *	345 *			357 *	570 *	
15	225 *	360 *		573 *	528 *	489 *	384 *			390 *	444 *	
16	210 *	405 *		534 *	495 *	459 *	342 *			357 *		
17	291 *	399 *		540 *	483 *	516 *	327 *	390 *		348 *		495 *
18	321 *	468 *	570 *	516 *	474 *	468 *	321 *	405 *		417 *		477 *
19	393 *	438 *	471 *	492 *	480 *	459 *	324 *	432 *		390 *	477 *	
20		453 *	549 *	510 *	450 *	477 *		405 *		420 *		
21	468 *	471 *	510 *	555 *	429 *		378 *	360 *		582 *		
22	468 *			561 *	465 *	462 *	366 *	315 *				
23	453 *	414 *		531 *	441 *	447 *		297 *				
24	432 *	462 *	486 *	516 *	429 *	420 *		306 *				468 *
25	399 *	465 *	462 *	552 *	399 *	570 *		324 *				504 *
26	447 *	447 *	432 *	585 *	492 *	474 *		309 *			543 *	474 *
27		462 *	450 *	528 *	402 *	486 *		288 *			585 *	504 *
28	498 *	435 *	435 *	504 *	411 *	450 *		267 *			607 *	
29	486 *		462 *	507 *	552 *	489 *	333 *	318 *			519 *	
30			465 *	489 *	486 *	456 *	429 *				507 *	510 *
31	522 *				483 *			324 *				513 *
Nivel Max.	582 *											
Día	29											
Hora	7											
Nivel Mín.	396 *											
Día	25											
Hora	17											
Nivel Medio	329	444	483	531	475	460	387			447		

H170	GUAYLLABAMBA AJ BLANCO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	121 *		202 *	227 *	250 *	248 *	184 *	144 *	154 *	222 *	354 *	266 *
2	131 *		192 *	224 *	234 *	249 *	176 *	139 *	163 *	233 *	273 *	426 *
3	135 *	381 *	211 *	221 *	225 *	254 *	169 *	146 *	164 *	240 *	318 *	308 *
4	145 *	282 *	334 *	212 *	198 *	278 *	170 *	147 *	171 *	252 *	255 *	283 *
5	151 *	255 *	250 *	216 *	209 *	263 *	160 *	139 *	163 *	366 *	234 *	272 *
6	159 *	251 *	225 *	224 *	219 *	252 *	152 *	133 *	172 *	250 *	246 *	275 *
7	160 *	233 *	212 *	231 *	229 *	245 *	155 *	136 *	183 *	247 *	261 *	271 *
8	146 *	240 *	200 *	233 *	237 *	239 *	162 *	144 *	172 *	260 *	269 *	279 *
9	153 *	226 *	192 *	223 *	228 *	231 *	165 *	147 *	177 *	256 *	269 *	266 *
10	144 *	216 *	185 *	231 *	220 *	225 *	155 *	140 *	184 *	270 *	277 *	258 *
11	138 *	201 *	203 *	234 *	211 *	219 *	146 *	134 *	191 *	260 *	283 *	249 *
12	142 *	196 *	207 *	240 *	203 *	212 *	140 *	149 *	205 *	243 *	278 *	233 *
13	177 *	185 *	194 *	236 *	192 *	204 *	134 *	162 *	212 *	256 *	267 *	242 *
14	156 *	176 *	186 *	241 *	185 *	199 *	129 *	152 *	225 *	244 *	258 *	250 *
15	151 *	183 *	183 *	248 *	182 *	192 *	128 *	145 *	228 *	192 *	264 *	260 *
16	160 *	215 *	293 *	237 *		206 *	126 *	138 *	236 *	150 *	269 *	
17	160 *	211 *	301 *	232 *	204 *	205 *	129 *	146 *	245 *		272 *	268 *
18	165 *	202 *	300 *	223 *	215 *	217 *	132 *	156 *	240 *		285 *	277 *
19	205 *	190 *	289 *	215 *	223 *	212 *	138 *	155 *	233 *		279 *	282 *
20	239 *	186 *	258 *	209 *	230 *	206 *	140 *	148 *	237 *		273 *	327 *
21	284 *	114 *	263 *	201 *	238 *	196 *	133 *	147 *	257 *		257 *	282 *
22	236 *	184 *	278 *	215 *	242 *	188 *	126 *	152 *	246 *		263 *	264 *
23	265 *	199 *	248 *	226 *	246 *	183 *	121 *	143 *	304 *		257 *	269 *
24	256 *	208 *	260 *	235 *	249 *	178 *	126 *	158 *	270 *		269 *	254 *
25	245 *	212 *	271 *	224 *	255 *	185 *	136 *	164 *	257 *		266 *	239 *
26	262 *	204 *	248 *	239 *	255 *	191 *	137 *	170 *	245 *		255 *	252 *
27	263 *	198 *	228 *	250 *	257 *	202 *	126 *	156 *	237 *		268 *	268 *
28		203 *	217 *	245 *	262 *	211 *	120 *	163 *	223 *		280 *	277 *
29	270 *		205 *	243 *	235 *	203 *	127 *	160 *	213 *		282 *	254 *
30	296 *		190 *			196 *	132 *	146 *	202 *		262 *	260 *
31												
Nivel Max.	300 *											368 *
Día	4											1
Hora	7											7
Nivel Mín.	176 *											223 *
Día	24											5
Hora	7											7
Nivel Medio	190	213	234	228	227	216	142	148	214		271	273

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H171	SUBERE AJ TEAONE											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	1 *	1 *	3 *	1 *	1 *	2 *	6 *	2 *	1 *	2 *	2 *	10 *
2	1 *	3 *	2 *	1 *	1 *	2 *	5 *	2 *	1 *	2 *	3 *	28 *
3	1 *	3 *	4 *	1 *	1 *	2 *	4 *	2 *	28 *	27 *	21 *	10 *
4	1 *	7 *	4 *	2 *	1 *	2 *	3 *	2 *	10 *	6 *	7 *	9 *
5	2 *	4 *	3 *	2 *	1 *	2 *	2 *	2 *	4 *	4 *	5 *	11 *
6	2 *	3 *	2 *	2 *	7 *	2 *	6 *	2 *	3 *	2 *	38 *	9 *
7	3 *	2 *	3 *	2 *	5 *	2 *	4 *	4 *	2 *	4 *	27 *	22 *
8	2 *	2 *	6 *	2 *	3 *	1 *	4 *	4 *	2 *	3 *	17 *	15 *
9	2 *	3 *	3 *	2 *	2 *	1 *	3 *	4 *	2 *	2 *	8 *	19 *
10	2 *	8 *	13 *	2 *	2 *	1 *	2 *	4 *	2 *	2 *	4 *	9 *
11	2 *	4 *	8 *	2 *	2 *	1 *	2 *	5 *	2 *	2 *	4 *	6 *
12	2 *	3 *	3 *	2 *	14 *	1 *	2 *	6 *	3 *	2 *	35 *	5 *
13	1 *	2 *	2 *	2 *	7 *	1 *	2 *	5 *	6 *	1 *	8 *	4 *
14	1 *	2 *	2 *	2 *	4 *	1 *	2 *	5 *	5 *	1 *	7 *	4 *
15	1 *	2 *	2 *	2 *	3 *	1 *	6 *	3 *	2 *	1 *	5 *	5 *
16	1 *	2 *	2 *	2 *	2 *	1 *	4 *	2 *	2 *	1 *	5 *	5 *
17	1 *	3 *	2 *	2 *	2 *	25 *	2 *	2 *	2 *	1 *	34 *	10 *
18	3 *	2 *	2 *	2 *	2 *	7 *	3 *	2 *	2 *	1 *	8 *	14 *
19	7 *	3 *	2 *	2 *	2 *	5 *	9 *	2 *	2 *	1 *	5 *	9 *
20	4 *	3 *	1 *	2 *	1 *	6 *	4 *	2 *	2 *	1 *	22 *	7 *
21	3 *	3 *	3 *	1 *	1 *	4 *	2 *	2 *	2 *	1 *	17 *	22 *
22	2 *	2 *	3 *	1 *	1 *	3 *	5 *	3 *	1 *	1 *	20 *	14 *
23	4 *	3 *	2 *	1 *	1 *	2 *	2 *	4 *	10 *	1 *	28 *	10 *
24	4 *	2 *	2 *	1 *	1 *	6 *	2 *	3 *	4 *	1 *	17 *	7 *
25	2 *	4 *	1 *	1 *	1 *	5 *	2 *	2 *	2 *	44 *	10 *	6 *
26	2 *	3 *	1 *	1 *	1 *	3 *	2 *	2 *	2 *	6 *	6 *	26 *
27	5 *	2 *	1 *	1 *	1 *	2 *	10 *	1 *	22 *	4 *	5 *	14 *
28	2 *	4 *	1 *	1 *	1 *	2 *	6 *	1 *	19 *	8 *	4 *	10 *
29	3 *		1 *	1 *	2 *	2 *	3 *	1 *	6 *	4 *	11 *	21 *
30	2 *		1 *	1 *	2 *	3 *	2 *	1 *	4 *	3 *	34 *	10 *
31	2 *		1 *		2 *		2 *	1 *		4 *		9 *
Nivel Max.	8 *	9 *	17 *	2 *	25 *	32 *	12 *	7 *	37 *	75 *	47 *	42 *
Día	19	4	10	12	12	17	27	12	27	25	6	26
Hora	18	18	7	7	18	7	18	18	18	7	18	18
Nivel Mín.	1 *	1 *	1 *	1 *	1 *	1 *	1 *	1 *	1 *	1 *	2 *	4 *
Día	1	1	19	25	3	8	5	27	1	12	1	12
Hora	7	7	18	18	18	7	7	7	7	18	7	18
Nivel Medio	2	3	3	2	2	3	4	3	5	5	14	11

H172	TEAONE DJ TABIAZO											C.E.P.E.
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	41 *	47 *	58 *	42 *	44 *	71 *	157 *	40 *	35 *	62 *	65 *	131 *
2	41 *	85 *	50 *	36 *	64 *	57 *	132 *	37 *	33 *	72 *	307 *	201 *
3	38 *	76 *	78 *	35 *	59 *	61 *	77 *	38 *	227 *	172 *	381 *	114 *
4	36 *	101 *	65 *	57 *	54 *	61 *	63 *	36 *	90 *	73 *	232 *	88 *
5	41 *	81 *	54 *	42 *	82 *	49 *	117 *	36 *	78 *	56 *	125 *	96 *
6	43 *	55 *	47 *	67 *	60 *	50 *	117 *	36 *	58 *	59 *	276 *	85 *
7	40 *	47 *	64 *	61 *	109 *	49 *	79 *	70 *	49 *	85 *	386 *	85 *
8	37 *	45 *	57 *	57 *	72 *	46 *	60 *	41 *	45 *	98 *	154 *	111 *
9	36 *	62 *	57 *	57 *	63 *	42 *	51 *	77 *	41 *	66 *	112 *	211 *
10	35 *	39 *	96 *	70 *	57 *	68 *	45 *	88 *	40 *	52 *	83 *	95 *
11	35 *	78 *	98 *	73 *	55 *	58 *	45 *	60 *	40 *	46 *	71 *	82 *
12	34 *	69 *	78 *	54 *	60 *	51 *	48 *	52 *	58 *	43 *	240 *	86 *
13	34 *	71 *	68 *	55 *	57 *	55 *	58 *	75 *	51 *	40 *	94 *	73 *
14	34 *	53 *	66 *	62 *	51 *	97 *	48 *	101 *	84 *	38 *	80 *	67 *
15	34 *	54 *	55 *	56 *	75 *	66 *	46 *	62 *	67 *	37 *	70 *	66 *
16	34 *	47 *	58 *	46 *	56 *	58 *	41 *	58 *	53 *	36 *	111 *	72 *
17	34 *	46 *	68 *	83 *	105 *	114 *	38 *	48 *	51 *	35 *	142 *	111 *
18	36 *	44 *	52 *	76 *	64 *	92 *	55 *	48 *	45 *	39 *	91 *	122 *
19	76 *	52 *	52 *	69 *	56 *	79 *	98 *	43 *	58 *	44 *	96 *	88 *
20	74 *	45 *	56 *	77 *	57 *	62 *	69 *	41 *	48 *	40 *	75 *	84 *
21	57 *	61 *	63 *	59 *	69 *	82 *	79 *	40 *	43 *	36 *	82 *	84 *
22	40 *	77 *	58 *	66 *	54 *	61 *	66 *	44 *	59 *	38 *	82 *	83 *
23	36 *	67 *	61 *	82 *	73 *	54 *	60 *	44 *	143 *	44 *	172 *	90 *
24	51 *	58 *	48 *	60 *	55 *	50 *	50 *	39 *	72 *	40 *	215 *	77 *
25	44 *	125 *	42 *	56 *	48 *	65 *	77 *	38 *	55 *	313 *	110 *	87 *
26	40 *	72 *	39 *	91 *	45 *	57 *	50 *	37 *	49 *	89 *	89 *	100 *
27	64 *	54 *	37 *	121 *	53 *	52 *	75 *	36 *	63 *	64 *	80 *	80 *
28	66 *	98 *	53 *	67 *	69 *	56 *	70 *	35 *	157 *	259 *	69 *	67 *
29	68 *		41 *	52 *	101 *	47 *	48 *	34 *	81 *	87 *	91 *	269 *
30	93 *		37 *	48 *	71 *	50 *	43 *	33 *	67 *	65 *	180 *	112 *
31	58 *		35 *		85 *		41 *	35 *		103 *		92 *
Nivel Max.	96 *	136 *	104 *	146 *	128 *	148 *	178 *	115 *	275 *	469 *	584 *	427 *
Día	19	25	10	27	7	17	5	14	3	25	3	29
Hora	18	7	7	7	7	18	18	7	7	7	7	18
Nivel Mín.	32 *	34 *	35 *	34 *	42 *	42 *	36 *	33 *	32 *	34 *	54 *	63 *
Día	23	10	31	3	1	9	17	30	2	18	2	15
Hora	7	7	7	7	18	18	18	7	18	7	18	18
Nivel Medio	46	64	58	62	65	62	68	48	68	75	145	103

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H173	TEAONE AJ ESMERALDAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	73 *	69 *	104 *	78 *	76 *	105 *	370 *	68 *	63 *	98 *	88	253
2	68 *	138 *	73 *	74 *	90 *	86 *	174 *	67 *	63 *	95 *	366	171
3	64 *	110 *	111 *	74 *	91 *	88 *	111 *	67 *	357 *	201 *	177	132
4	62 *	226 *	106 *	90 *	85 *	81 *	97 *	66 *	126 *	108 *	188	131
5	64 *	114 *	88 *	92 *	123 *	76 *	109 *	65 *	117 *	92 *	223	134
6	70 *	81 *	84 *	109 *	91 *	75 *	159 *	65 *	98 *	98 *	323	130
7	65 *	72 *	99 *	103 *	137 *	69 *	111 *	92 *	86 *	109 *	215	165
8	62 *		92 *	76 *	108 *	60 *	96 *	69 *	80 *	126 *	169	237
9	61 *	87 *	88 *	93 *	95 *	65 *	86 *	112 *	77 *	101 *	129	151
10	60 *	283 *	125 *	101 *	88 *	100 *	80 *	121 *	76 *	85 *	116	124
11	60 *	120 *	135 *	111 *	77 *	86 *	80 *	90 *	77 *	80 *	220	129
12	60 *	125 *	108 *	89 *	91 *	74 *	82 *	82 *	95 *	77 *	164	114
13	60 *	113 *	88 *	83 *	90 *	79 *	98 *	78 *	90 *	71	123	109
14	59 *	84 *	90 *	89 *		144 *	80 *	137 *	87 *	70	114	107
15	59 *	88 *	91 *	89 *	112 *	99 *	81 *	92 *	105 *	69	134	121
16	61 *	85 *	82 *	82 *	136 *	87 *	76 *	88 *	84 *	68	162	165
17	59 *	84 *	93 *	112 *	141 *	117 *	72 *	82 *	86 *	67	138	149
18	60 *	85 *	87 *	107 *	97 *	127 *	77 *	75 *	86 *	67	120	143
19	105 *	83 *	86 *	100 *	87 *	105 *	112 *	75 *	95 *	67	121	141
20	110 *	84 *	86 *	99 *	89 *	89 *	99 *	73 *	86 *	69	118	126
21	86 *	98 *	103 *	91 *	99 *	116 *	111 *	72 *	88 *	72	119	140
22	67 *	114 *	95 *	96 *	83 *	91 *	91 *	77 *	85 *	80	150	145
23	71 *	103 *		131 *	101 *	78 *	93 *	80 *	199 *	73	233	127
24	77 *	94 *	85 *	90 *	85 *	76 *	78 *	70 *	105 *	252	164	143
25	68 *	151 *	79 *	87 *	76 *	88 *	100 *	68 *	87 *	145	123	167
26	66 *	113 *	77 *	130 *	72 *	83 *	78 *	67 *	79 *	111	116	139
27	79 *	90 *	76 *	97 *	80 *	78 *	113 *	66 *	84 *	200	106	118
28	108 *	143 *	95 *	94 *	98 *	81 *	91 *	65 *	130 *	125	116	190
29	101 *		92 *	86 *	135 *	73 *	79 *	63 *	116 *	104	194	188
30	130 *		74 *	80 *	100 *	75 *	72 *	63 *	100 *	143	198	136
31	82 *		77 *		110 *		71 *	63 *		103		201
Nivel Max.	136 *			143 *		144 *	505 *	154 *	459 *	525 *	655	346
Día	19			26		14	1	14	3	25	2	28
Hora	18			7		7	7	7	7	7	5.4	19.4
Nivel Mín.	59 *			73 *		60 *	70 *	63 *	62 *	66	87	105
Día	14			2		8	31	29	2	19	1	14
Hora	7			18		7	18	17	17	13.1	12.2	18.5
Nivel Medio	73	112	92	94	98	88	104	78	103	104	164	149

H179	DAMAS EN CTO.INECEL(EN DAMAS)											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	29	43	43	44	47	43	42	36	26	32	37	44
2	28	42	46	42	43	45	42	35	24	32	36	44
3	29	43	45	44	43	43	41	36	25	37	37	43
4	31	39	46	44	44	45	39	35	29	32	38	42
5	33	39	45	47	43	44	40	31	29	33	35	40
6	32	37	44	44	41	44	39	29	30	31	35	41
7	29	39	46	39	42	43	41	29	26	32	41	41
8	29	38	46	42	42	43	38	28	27	34	42	46
9	31	38	47	43	44	43	39	27	30	33	39	44
10	31	37	48	43	43	42	40	29	29	32	38	43
11	31	39	48	43	42	41	39	25	28	32	38	42
12	30	38	45	43	44	42	39	30	29	32	37	40
13	30	41	47	44	45	42	37	32	33	31	34	37
14	28	40	44	45	42	41	38	30	34	32	37	39
15	32	39	48	45	42	42	38	28	32	31	39	39
16	33	38	49	45	39	42	37	26	34	31	37	38
17	31	42	47	43	39	43	38	28	32	30	38	38
18	34	47	48	42	36	40	37	29	29	34	38	40
19	38	44	48	44	38	42	37	27	28	30	41	36
20	41	42	47	45	34	43	36	27	31	30	43	38
21	41	42	47	44	37	43	38	31	33	36	44	37
22	41	45	45	44	40	41	35	29	40	34	43	38
23	41	43	43	43	37	41	37	27	47	32	43	37
24	40	43	45	44	37	44	36	26	39	33	48	37
25	38	41	43	47	37	45	36	24	38	34	41	37
26	39	42	40	47	40	44	37	22	35	36	44	36
27	39	45	43	46	38	43	35	20	33	38	42	34
28	38	43	41	46	39	44	40	20	30	39	42	36
29	39		42	49	47	45	43	18	29	38	41	36
30	38		42	49	43	42	43	20	34	38	45	35
31	37		44		44		38	30		38		36
Nivel Max.	44	73	74	66	60	62	68	44	76	71	70	73
Día	30	18	15	28	29	24	29	13	23	21	30	7
Hora	20.1	1.2	19.1	20	21.2	19	0	18.2	18	14.1	5	22.3
Nivel Mín.	25	34	40	39	34	38	34	17	22	29	33	34
Día	14	10	29	7	20	19	27	30	3	20	17	31
Hora	16.4	12.2	8.2	10.5	10.3	22.1	10.2	1.3	5	11.3	5.3	21.5
Nivel Medio	34	41	45	44	41	43	39	28	31	33	40	39

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H216	BUA AJ QUININDE											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	31 *	111 *	133 *	108 *	140 *	121 *	128 *	92 *	90 *	185 *	158	163 *
2	28 *	111 *	147 *	115 *	117 *	119 *	123 *	109 *	109 *	175 *	146	219
3	27 *	105 *	140 *	120 *	115 *	115 *	118 *	104 *	101 *		147	236
4	29 *	99 *	135 *	104 *	113 *	111 *		116 *	90 *	152 *	167	179 *
5	38 *	95 *	147 *	102 *	114 *	144 *	111 *	116 *	111 *		182	159 *
6	34 *	88 *	134 *	145 *	112 *	109 *	109 *	118 *	90 *	162 *	163	148 *
7	31 *		147 *	115 *	111 *	111 *	116 *	118 *	95 *	158 *	228	236
8	29 *	110 *	161 *	141 *	105 *		104 *	118 *	106 *	156 *	234	178
9	28 *	105 *	175 *	199 *	106 *	132 *		128 *	109 *	145 *	155 *	208
10	27 *	98 *	169 *	205 *	107 *	195 *	198 *	128 *	90 *	185 *	146 *	167
11	26 *	104 *	177 *	178 *	108 *	145 *		177 *	95 *	128 *	150 *	163
12	26 *	105 *	179 *		115 *	145 *	97 *	117 *	108 *	123	237	167
13	26 *	98 *		172 *	119 *	146 *	105 *	129 *	126 *	118	147 *	159
14	26 *		165 *		109 *	161 *	116 *	124 *	141 *	114	224 *	160
15	27 *	95 *	149 *	185 *	111 *	144 *	199 *		156 *	109	146 *	179
16	28 *	104 *	149 *	175 *	108 *	145 *	97 *	119 *	155 *	105	137 *	138
17	75 *	92 *	135 *	165 *		141 *	95 *	124 *	144 *	101	186 *	133
18	66 *	94 *	126 *	142 *	112 *	188 *		117 *	138 *	103	129 *	123
19	67 *	95 *	199 *	129 *	108 *	135 *	95 *	116 *		96	124 *	150
20	40 *		112 *	165 *	110 *	133 *	92 *	112 *	135 *	118	238	174
21	65 *	90 *	107 *	125 *	114 *	139 *	99 *	109 *	138 *	157	128 *	111
22	60 *	89 *	103 *	123 *		146 *	110 *	105 *	175 *	104	140 *	142
23	62 *	145 *		111 *		128 *	193 *	125 *	193 *	124	237	136
24	95 *	89 *	199 *		115 *	117 *	96 *	105 *	182 *	95	188	144
25	95 *	97 *	109 *	115 *	125 *	138 *	90 *	102 *	171 *	93	174 *	134
26	114 *	94 *	112 *	134 *	121 *	146 *			161 *	162	150 *	135
27	90 *	106 *	112 *	125 *	135 *	142 *	92 *	190 *	145 *	156		116
28	90 *	99 *	102 *	119 *	129 *	190 *	111 *	104 *	138 *	149	180 *	107
29	104 *		111 *	134 *	119 *		131 *	129 *	137 *	148	180 *	115
30	89 *		109 *	115 *	125 *	189 *	97 *	101 *	185 *	143	155 *	101
31	100 *		109 *				94 *			163		114
Nivel Max.	114 *											367 *
Día	26											8
Hora	17											6
Nivel Mín.	26 *											85
Día	11											8
Hora	17											6.2
Nivel Medio	54	101	140	139	116	142	116	120	132	135	172	155

H233	JUNIN DJ EST.PALMAR											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	38 *	102 *	135 *	126 *	137 *	128 *	119 *	106 *	102 *	108 *	124 *	140 *
2	38 *	94 *	123 *	124 *	146 *	124 *	168 *	106 *	101 *	106 *	119 *	109 *
3	38 *	94 *	114 *	117 *	152 *	118 *	138 *	105 *	102 *	177 *	116 *	111 *
4	38 *	92 *	108 *	114 *	125 *	115 *	128 *	101 *	102 *	117 *	136 *	130 *
5	36 *	89 *	107 *	113 *	136 *	113 *	121 *	106 *	100 *	123 *	151 *	129 *
6	36 *	86 *	116 *	111 *	139 *	113 *	116 *	109 *	100 *	116 *	121 *	129 *
7	36 *	84 *	158 *	110 *	180 *	112 *	114 *	110 *	100 *	113 *	122 *	163 *
8	36 *	95 *	149 *	109 *	125 *	111 *	113 *	105 *	99 *	124 *	171 *	289 *
9	35 *	161 *	161 *	108 *	136 *	110 *	113 *	104 *	98 *	117 *	182 *	188 *
10	35 *	125 *	153 *	105 *	133 *	108 *	111 *	104 *	98 *	113 *	124 *	160 *
11	34 *	112 *	178 *	140 *	130 *	108 *	109 *	221 *	98 *	125 *	133 *	147 *
12	34 *	111 *	235 *	108 *	152 *	107 *	142 *	136 *	97 *	114 *	156 *	142 *
13	34 *	108 *	198 *	151 *	133 *	106 *	124 *	124 *	94 *	109 *	124 *	143 *
14	32 *	104 *	163 *	140 *	128 *	106 *	122 *	103 *	153 *	106 *	157 *	138 *
15	32 *	101 *	172 *	142 *	124 *	105 *	115 *	122 *	113 *	123 *	122 *	146 *
16	32 *	98 *	197 *	137 *	120 *	105 *	113 *	129 *	250 *	108 *	179 *	181 *
17	32 *	97 *	146 *	159 *	119 *	105 *	111 *	115 *	174 *	106 *	174 *	165 *
18	39 *	94 *	135 *	153 *	118 *	105 *	109 *	112 *	137 *	105 *	208 *	145 *
19	39 *	91 *	241 *	195 *	119 *	105 *	107 *	126 *	167 *	104 *	163 *	185 *
20	39 *	91 *	253 *	150 *	129 *	128 *	106 *	115 *	121 *	104 *	145 *	177 *
21	77 *	98 *	178 *	174 *	121 *	122 *	210 *	142 *	119 *	102 *	149 *	162 *
22	81 *	93 *	186 *	214 *	122 *	112 *	153 *	122 *	114 *	101 *	121 *	156 *
23	82 *	93 *	158 *	215 *	116 *	109 *	133 *	115 *	112 *	101 *	154 *	186 *
24	84 *	260 *	141 *	163 *	113 *	108 *	122 *	112 *	124 *	97 *	CRECD *	176 *
25	81 *	194 *	134 *	170 *	121 *	163 *	119 *	110 *	114 *	97 *	218 *	201 *
26	80 *	156 *	151 *	149 *	120 *	144 *	117 *	108 *	117 *	102 *	179 *	200 *
27	78 *	130 *	142 *	176 *	116 *	135 *	113 *	109 *	125 *	216 *	151 *	219 *
28	122 *	165 *	135 *	172 *	155 *	130 *	112 *	108 *	120 *	225 *	154 *	167 *
29	112 *		144 *	148 *	126 *	122 *	111 *	106 *	114 *	163 *	160 *	248 *
30	112 *		131 *	141 *	115 *	119 *	108 *	105 *	110 *	122 *	151 *	183 *
31	112 *		127 *		122 *		106 *	103 *		132 *		283 *
Nivel Max.	123 *	337 *	304 *	231 *	201 *	172 *	234 *	283 *	283 *	246 *		391 *
Día	29	24	19	22	7	25	21	11	16	28		31
Hora	7	7	7	7	7	7	18	7	7	7		18
Nivel Mín.	32 *	84 *	105 *	84 *	104 *	105 *	105 *	87 *	91 *	95 *		77 *
Día	14	7	5	12	8	17	20	14	13	24		2
Hora	18	18	18	7	18	18	18	7	18	7		7
Nivel Medio	56	115	157	144	130	116	122	116	119	122	155	171

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H269	PORTOVIEJO EN LA GUAYABA											CRM
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		104 *	253 *	317 *	157 *	109 *		99 *				
2		105 *	263 *	304 *	157 *	113 *		98 *				
3		103 *	268 *	289 *	156 *	115 *		98 *				
4		102 *	269 *	284 *	145 *	121 *		98 *				
5		102 *	277 *	280 *	154 *	132 *		99 *				
6		104 *	287 *	275 *	151 *	135 *		99 *				
7		136 *	275 *	275 *	144 *	126 *		99 *				
8		106 *	257 *	254 *	132 *	125 *		99 *				
9		109 *	254 *	264 *	124 *	117 *		98 *				
10		107 *	259 *	264 *	126 *	115 *		98 *				
11		137 *	261 *	271 *	128 *	110 *		99 *				
12		128 *	323 *	317 *	125 *	109 *		99 *				
13		118 *	325 *	334 *	123 *	109 *		99 *				
14		112 *	324 *	382 *	123 *	107 *		99 *				
15		109 *	324 *	420 *	115 *	109 *		99 *				
16		114 *	325 *	418 *	119 *	103 *		101 *				
17		115 *	325 *	378 *	117 *	102 *		99 *				
18		110 *	325 *	347 *	117 *	102 *		99 *				
19		122 *	326 *	316 *	117 *	102 *		99 *				
20		127 *	326 *	305 *	120 *	101 *		98 *				
21		132 *	333 *	287 *	119 *	103 *		98 *				
22		114 *	319 *	280 *	123 *	101 *		98 *				
23		111 *	321 *	261 *	119 *	102 *		98 *				
24		113 *	347 *	251 *	118 *	102 *		98 *				
25		129 *	338 *	221 *	116 *	101 *		99 *				
26		118 *	321 *	186 *	114 *	102 *		99 *				
27		138 *	332 *	366 *	112 *	102 *		99 *				
28		114 *	380 *	352 *	106 *	102 *		99 *				
29			368 *	355 *	113 *	102 *		99 *				
30			354 *	341 *	109 *	102 *		99 *				
31			337 *		105 *			99 *				
Nivel Max.		165 *	397 *	425 *	158 *	136 *		101 *				
Día		7	28	16	1	6		16				
Hora		7	7	7	17	7		17				
Nivel Mín.		102 *	182 *	185 *	102 *	101 *		98 *				
Día		1	1	26	28	22		22				
Hora		17	7	7	7	17		17				
Nivel Medio		116	309	306	126	109		99				

H272	CHICO AJ PORTOVIEJO											CRM
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	44 *	60 *	185 *	110 *	154 *	122 *	110 *	71 *	81 *		139 *	220 *
2	SECO	* SECO	* 144 *	102 *	134 *	113 *	212 *	75 *	80 *		130 *	207 *
3	SECO	* SECO	* 121 *	111 *	134 *	101 *	162 *	75 *	80 *		125 *	196 *
4	SECO	* SECO	* 108 *	104 *	138 *	100 *	200 *	70 *	96 *		119 *	178 *
5	SECO	* SECO	* 114 *	96 *	134 *	92 *	158 *	69 *	92 *		119 *	167 *
6	SECO	* SECO	* 112 *	100 *	165 *	89 *	131 *	73 *	86 *		119 *	177 *
7	SECO	* SECO	* 101 *	90 *	164 *	87 *	117 *	92 *	83 *		136 *	179 *
8	SECO	* 69 *	144 *	88 *	144 *	86 *	107 *	89 *	80 *		316 *	364 *
9	SECO	* 74 *	138 *	77 *	130 *	84 *	108 *	88 *	78 *		246 *	289 *
10	SECO	* 70 *	181 *	92 *	127 *	82 *	106 *	85 *	77 *		185 *	229 *
11	SECO	* 127 *	193 *	168 *	120 *	80 *	99 *	237 *	76 *		157 *	205 *
12	SECO	* 109 *	209 *	158 *	131 *	80 *	124 *	154 *	77 *		192 *	260 *
13	SECO	* 97 *	181 *	131 *	124 *	88 *	144 *	131 *	76 *		167 *	306 *
14	SECO	* 86 *	147 *	136 *	113 *	89 *	124 *	133 *	116 *		241 *	214 *
15	SECO	* 80 *	133 *	163 *	124 *	77 *	155 *	122 *	111 *		203 *	201 *
16	SECO	* 77 *	139 *	148 *	111 *	77 *	135 *	127 *	225 *		175 *	197 *
17	SECO	* 75 *	130 *	172 *	104 *	76 *	122 *	130 *	296 *		182 *	223 *
18	SECO	* 73 *	118 *	192 *	100 *	87 *	108 *	115 *	215 *		217 *	220 *
19	SECO	* 76 *	278 *	273 *	99 *	80 *	107 *	105 *	157 *		185 *	270 *
20	SECO	* 75 *	294 *	231 *	96 *	83 *	103 *	98 *	133 *		206 *	221 *
21	SECO	* 81 *	238 *	187 *	106 *	107 *	111 *	100 *	121 *		180 *	226 *
22	SECO	* 82 *	219 *	292 *	138 *	103 *	162 *	137 *	117 *		158 *	225 *
23	SECO	* 80 *	165 *	260 *	114 *	91 *	124 *	115 *	117 *		186 *	228 *
24	SECO	* 174 *	139 *	218 *	103 *	86 *	110 *	103 *	147 *		354 *	230 *
25	SECO	* 163 *	125 *	206 *	101 *	94 *	101 *	97 *	129 *		354 *	234 *
26	SECO	* 172 *	117 *	166 *	99 *	105 *	96 *	96 *	113 *		243 *	262 *
27	SECO	* 129 *	189 *	164 *	95 *	108 *	93 *	92 *	123 *		182 *	272 *
28	SECO	* 197 *	131 *	178 *	96 *	105 *	89 *	89 *	115 *		180 *	220 *
29	SECO	* 169 *	151 *	106 *	131 *	96 *	86 *	109 *			239 *	216 *
30	44 *	135 *	166 *	91 *	124 *	69 *	85 *	103 *			259 *	200 *
31	62 *	124 *		98 *		73 *	83 *					280 *
Nivel Max.			300 *	317 *	173 *	151 *	258 *	243 *	308 *		384 *	364 *
Día			20	22	6	29	2	11	16		25	8
Hora			17	17	17	17	17	17	17		7	7
Nivel Mín.			99 *	68 *	90 *	75 *	65 *	68 *	75 *		115 *	165 *
Día			7	9	30	17	30	4	11		28	5
Hora			17	17	17	17	7	17	17		17	17
Nivel Medio	SECO	101	158	157	119	94	121	104	117		196	229

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H326	BABA DJ TOACHI-DCP											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	68 *		128	190	142	98	116	102	79	176	161	204
2	76 *	200 *	137	195	139	119	116	94	74	147	151	272
3	74 *	171 *	157	215	134	129	120	92	96	231	148	242
4	81 *	153 *	162	183	133	163	111	92	79	163	155	212
5	71 *	161 *	182	167	124	131	107	88	76	157	151	182
6	77 *	142 *	165	157	129	123	105	85	96	154	148	164
7	72 *	123 *	149	147	123	124	100	83	81	140	172	161
8	62 *	160 *	140	138	117	113	95	80	75	170	179	180
9	57 *	160 *	135	134	113	105	92	76	89	159	187	175
10	48 *	167 *	133	128	116	102	90	76	121	136	165	159
11	41 *	157 *	139	140	120	99	87	73	97	137	179	158
12	43 *	156 *	137	138	111	93	87	73	89	133	208	187
13	42 *	140 *	142	132	161	92	85	76	110	128	169	223
14	39 *	143 *	153	145	144	85	83	95	167	125	164	242
15	41 *	119 *	159	146	132	90	81	96	171	119	171	278
16	48 *	130 *	176	161	148	96	77	106	145	116	151	257
17	44 *	128 *	212	160	151	99	80	105	153	110	190	214
18		189 *	208	146	135	97	82	100	133	131	163	185
19	196 *		201	150	124	121	77	94	140	117	183	203
20	151 *	135 *	202	146	112	131	80	91	127	118	174	218
21	151 *	127 *	179	148	108	122	82	143	158	118	285	192
22	146 *	146 *	163	142	108	116	75	112	157	111	301	202
23	133 *	118	156	131	104	123	77	106	241	112	248	189
24	136 *	130	205	126	99	125	75	100	184	106	278	174
25	108 *	139	213	138	98	131	72	97	156	117	260	173
26	179 *	132	160	129	113	125	68	92	171	145	217	192
27	137 *	125	168	143	99	137	66	88	145	132	195	184
28	172 *	129	176	128	110	122	66	84	133	163	205	201
29	157 *		144	211	119	127	90	82	124	172	190	282
30	208 *		163	164	101	127	173	78	145	148	208	242
31			159		107		112	82		169		196
Nivel Max.			241	261	182	173	220	178	313	336	316	311
Día			25	29	13	4	30	21	23	3	22	29
Hora			4	8.1	5.3	10.1	2	13	3.5	8.1	0.4	13.2
Nivel Mín.			123	119	89	81	65	71	72	106	138	152
Día			2	25	25	14	28	11	2	24	16	11
Hora			1.4	5.3	19.3	23.1	23.3	18.3	19.1	15.3	17.1	16.3
Nivel Medio	98	145	165	153	122	115	91	92	127	141	192	205

H327	CAJONES EN KM.18 1/2											CRM
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		87	83	86	87	88	94	86	77	83	75	109
2		81	81	89	88	98	87	84	73	77	77	126
3		84	84	87	88	85	90	84	86	89	74	103
4		86	94	90	84	100	91	83	76	73	87	99
5		81	80	94	86	86	91	80	71	82	72	98
6		78	83	90	86	85	88	76	80	77	73	98
7		73	82	88	86	87	89	77	81	80	81	99
8		88	81	83	85	85	86	74	74	74	74	103
9	66	76	87	85	85	86	88	74	81	80	72	94
10	63	78	91	83	85	87	90	77	76	73	69	93
11	65	92	86	101	89	85	86	71	74	72	74	94
12	64	93	84	86	84	89	86	81	78	72	74	93
13	63	80	93	87	86	86	94	76	90	70	70	100
14	66	82	87	93	87	89	84	77	90	68	71	96
15	65	83	90	87	87	105	90	82	82	67	70	95
16	65	86	92	85	85	100	84	78	87	68	74	92
17	70	77	92	89	88	92	84	73	82	71	80	87
18	72	91	92	87	85	90	84	90	79	73	71	85
19	73	101	92	85	84	95	85	83	80	71	73	91
20	69	93	97	87	91	95	86	80	81	69	79	88
21	73	85	92	91	86	92	83	84	78	66	81	93
22	72	74	95	86	83	91	86	77	80	66	100	98
23	67	75	93	88	85	99	84	75	89	71	97	88
24	65	85	93	86	79	89	83	74	81	73	98	87
25	76	94	93	92	85	94	84	90	76	68	80	87
26	74	90	84	86	91	94	84	77	85	73	88	84
27	77	94	86	92	84	93	82	74	81	66	94	86
28	75	89	87	92	85	92	87	72	78	65	109	82
29	87		85	94	91	96	89	70	76	74	106	101
30	76		101	86	84	90	89	69	81	67	96	82
31	91		88		83		84	79		91		86
Nivel Max.		119	136	148	115	152	107	133	122	136	154	165
Día		8	30	28	20	4	3	18	23	31	29	2
Hora		6.5	11.1	20.4	16.3	0.2	22.3	2.3	0.5	2	6.4	7.1
Nivel Mín.		71	77	79	77	83	82	68	70	61	67	80
Día		23	5	10	24	12	27	30	6	28	16	30
Hora		1	18.4	15.4	14.5	2.4	14.4	15.4	0	17.2	15	15
Nivel Medio	71	85	89	88	86	91	87	78	80	73	81	94

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H329	PILALO EN LA ESPERANZA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	110 *	158 *	167 *	221 *	193 *	149 *	139 *	116 *	100 *	119 *	155 *	227 *
2	111 *	161 *	169 *	226 *	191 *	150 *	132 *	116 *	100 *	123 *	149 *	223 *
3	112 *	157 *	165 *	225 *	185 *	163 *	129 *	116 *	100 *	116 *	162 *	222 *
4	115 *	162 *	180 *	222 *	181 *	185 *	120 *	116 *	98 *	117 *	156 *	203 *
5	118 *	163 *	242 *	210 *	182 *	178 *	120 *	116 *	96 *	116 *	163 *	202 *
6	107 *	170 *	228 *	209 *	180 *	167 *	125 *	116 *	96 *	116 *	158 *	196 *
7	106 *	168 *	210 *	200 *	179 *	164 *	130 *	116 *	96 *	114 *	193 *	206 *
8	104 *	163 *	213 *	205 *	174 *	164 *	130 *	116 *	96 *	114 *	201 *	206 *
9	103 *	168 *	196 *	200 *	172 *	159 *	128 *	116 *	96 *	116 *	175 *	207 *
10	100 *	178 *	199 *	198 *	170 *	151 *	126 *	117 *	98 *	116 *	174 *	199 *
11	100 *	177 *	199 *	197 *	168 *	150 *	126 *	117 *	100 *	115 *	179 *	198 *
12	99 *	174 *	194 *	196 *	195 *	150 *	124 *	116 *	100 *	114 *	187 *	192 *
13	98 *	170 *	187 *	197 *	180 *	151 *	124 *	116 *	100 *	112 *	179 *	154 *
14	99 *	170 *	183 *	193 *	179 *	152 *	124 *	116 *	100 *	110 *	179 *	205 *
15	100 *	170 *	222 *	205 *	180 *	147 *	124 *	116 *	105 *	112 *	177 *	198 *
16	100 *	170 *	216 *	197 *	190 *	147 *	122 *	116 *	105 *	112 *	193 *	213 *
17	106 *	174 *	247 *	195 *	193 *	146 *	120 *	116 *	102 *	112 *	164 *	217 *
18	115 *	198 *	256 *	193 *	180 *	145 *	118 *	116 *	100 *	100 *	170 *	224 *
19	170 *	189 *	263 *	194 *	170 *	144 *	118 *	116 *	100 *	99 *	172 *	239 *
20	182 *	186 *	293 *	196 *	167 *	140 *	118 *	116 *	100 *	100 *	177 *	242 *
21	159 *	186 *	270 *	196 *	167 *	141 *	119 *	110 *	98 *	120 *	204 *	244 *
22	155 *	176 *	269 *	193 *	164 *	140 *	120 *	110 *	98 *	116 *	204 *	233 *
23	153 *	169 *	237 *	186 *	162 *	139 *	120 *	110 *	111 *	116 *	204 *	226 *
24	142 *	170 *	238 *	190 *	160 *	143 *	120 *	110 *	118 *	116 *	235 *	220 *
25	141 *	176 *	229 *	194 *	157 *	143 *	120 *	110 *	124 *	118 *	228 *	216 *
26	150 *	169 *	226 *	195 *	153 *	138 *	118 *	109 *	135 *	119 *	240 *	200 *
27	157 *	171 *	221 *	195 *	153 *	138 *	118 *	107 *	165 *	128 *	226 *	197 *
28	150 *	170 *	218 *	197 *	156 *	138 *	117 *	106 *	168 *	119 *	222 *	191 *
29	148 *	209 *	196 *	154 *	139 *	117 *	117 *	104 *	113 *	175 *	189 *	197 *
30	147 *	203 *	194 *	153 *	138 *	119 *	102 *	116 *	185 *	224 *	198 *	198 *
31	164 *		218 *		152 *		118 *	100 *		155 *		197 *
Nivel Max.	194 *	198 *	296 *	230 *	220 *	186 *	140 *	118 *	180 *	230 *	240 *	250 *
Día	20	18	20	2	12	4	1	10	27	29	24	20
Hora	7	7	18	18	18	7	18	18	18	18	18	18
Nivel Mín.	98 *	154 *	164 *	180 *	152 *	136 *	116 *	100 *	96 *	98 *	148 *	110 *
Día	13	1	1	23	26	26	28	31	4	19	2	13
Hora	18	7	7	7	18	7	18	7	18	18	7	18
Nivel Medio	126	172	218	200	172	150	123	113	108	120	188	209

H331	CHIMBO EN SAN LORENZO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	42	66	58	75	89	65	52	45	37	43	57	104 *
2	42	66	58	77	85	69	53	43	36	45	59	108 *
3	43	67	59	74	85	69	51	41	39	44	55	107 *
4	44	67	60	71	83	82	48	40	37	44	65	106 *
5	44	71	74	68	81	68	49	38	35	43	64	99 *
6	43	71	67	67	78	67	48	38	39	42	56	95 *
7	44	77	61	69	77	66	47	37	37	40	64	91 *
8	43	75	60	68	74	66	46	37	37	39	80	88 *
9	40	76	59	68	74	63	48	38	36	39	76	88 *
10	39	82	58	68	78	64	47	39	38	40	71	92 *
11	41	78	57	67	80	62	45	38	36	41	69	87 *
12	40	76	58	66	82	63	45	36	39	40	79	86 *
13	37	73	58	67	89	63	44	36	38	40	80	85 *
14	36	69	55	65	80	60	44	35	37	40	77	85 *
15	37	68	57	68	79	60	43	37	38	37	76	86 *
16	46	68	62	66	82	56	41	37	37	37	71	91 *
17	52	72	76	64	77	57	44	37	39	40	69	99 *
18	50	76	101	63	75	56	43	38	37	39	78 *	99 *
19	61	72	99	63	73	59	41	39	38	38	82 *	102 *
20	69	70	120	71	71	56	40	36	37	39	93 *	108 *
21	61	67	113	82	72	56	40	36	39	41	103 *	112 *
22	58	67	104	82	69	54	42	36	40	41	98 *	99 *
23	54	65	95	89	67	54	41	36	53	40	84 *	97 *
24	52	65	90	91	70	52	39	38	53	40	92 *	91 *
25	50	65	88	109	67	57	42	39	48	39	99 *	86 *
26	54	62	85	103	67	52	42	36	49	40	123 *	85 *
27	65	62	81	108	73	53	42	37	45	39	122 *	84 *
28	64	61	77	100	71	52	40	39	45	44	133 *	84 *
29	66		74	99	66	53	39	36	45	50	118 *	84 *
30	64		74	94	67	54	42	39	44	61	112 *	84 *
31	68		77		69		46	37		62		85 *
Nivel Max.	75	99	133	156	110	88	62	56	70	83	140 *	118 *
Día	28	9	19	25	13	4	31	18	26	31	28	21
Hora	21.1	22.3	23.4	16.3	13.5	5.3	17.5	8.3	12.4	14.2	18	18
Nivel Mín.	35	61	52	62	64	50	36	34	34	35	50 *	79 *
Día	15	28	14	19	29	28	29	14	8	16	1	31
Hora	11	14.3	18.5	16	18.1	17.3	1.1	0.5	23.4	2.3	18	8
Nivel Medio	50	70	75	77	76	60	44	38	40	42	83	93

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H332	CANAL CHIMBO EN SAN LORENZO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	45 *	52 *	41 *	38 *	40 *	30 *	37 *	45 *	40 *	49 *	55 *	48 *
2	47 *	51 *	43 *	42 *	37 *	36 *	46 *	45 *	45 *	51 *	57 *	58 *
3	46 *	51 *	46 *	37 *	37 *	37 *	45 *	46 *	43 *	51 *	32 *	0 *
4	38 *	51 *	45 *	35 *	36 *	47 *	42 *	45 *	43 *	49 *	35 * SECO	*
5	40 *	50 *	51 *	32 *	36 *	35 *	42 *	43 *	45 *	49 *	50 * SECO	*
6	28 *	50 *	50 *	35 *	30 *	35 *	45 *	40 *	46 *	48 *	58 * SECO	*
7	24 *	50 *	48 *	34 *	30 *	34 *	44 *	40 *	42 *	39 *	53 * SECO	*
8	30 *	50 *	46 *	34 *	29 *	31 *	44 *	44 *	45 *	42 *	53 * SECO	*
9	30 *	50 *	44 *	35 *	34 *	28 *	44 *	45 *	47 *	44 *	45 * SECO	*
10	39 *	51 *	43 *	35 *	34 *	27 *	45 *	45 *	41 *	40 *	43 * SECO	*
11	30 *	51 *	40 *	30 *	34 *	27 *	44 *	42 *	40 *	45 *	40 * SECO	*
12	23 *	50 *	41 *	30 *	34 *	30 *	44 *	45 *	42 *		48 * SECO	*
13	25 *	48 *	42 *	28 *	42 *	32 *	43 *	49 *	46 *	48 *	49 * SECO	*
14	45 *	48 *	40 *	27 *	37 *	32 *	43 *	47 *	44 *	47 *	50 * SECO	*
15	46 *	44 *	42 *	27 *	37 *	32 *	44 *	45 *	46 *	50 *	45 * SECO	*
16	47 *	48 *	40 *	28 *	34 *	32 *	47 *	45 *	42 *	47 *	47 * SECO	*
17	52 *	45 *	30 *	29 *	31 *	31 *	48 *	44 *	41 *	46 *	51 * SECO	*
18	52 *	46 *	23 *	29 *	29 *	37 *	48 *	45 *	39 *	46 *	59 * SECO	*
19	53 *	49 *	32 *	31 *	33 *	45 *	48 *	45 *	35 *	44 *	40 * SECO	*
20	54 *	46 *	38 *	31 *	31 *	44 *	48 *	47 *	44 *	47 *	60 * SECO	*
21	53 *	45 *	29 *	33 *	26 *	45 *	33 *	45 *	44 *	51 *	37 * SECO	*
22	55 *	44 *	33 *	40 *	29 *	44 *	33 *	47 *	48 *	50 *	15 * SECO	*
23	55 *	43 *	28 *	40 *	29 *	44 *	37 *	46 *	53 *	51 *	49 * SECO	*
24	54 *	40 *	27 *	23 *	30 *	42 *	38 *	44 *	57 *	50 *	32 *	11 *
25	52 *	40 *	30 *	33 *	30 *	48 *	30 *	45 *	59 *	50 *	23 *	25 *
26	53 *	42 *	24 *	0 *	29 *	49 *	34 *	44 *	57 *	49 *	33 *	26 *
27	55 *	43 *		24 *	38 *	47 *	25 *	43 *	55 *	57 *	44 *	26 *
28	55 *	42 *		45 *	31 *	40 *	21 *	44 *	53 *	54 *	53 *	32 *
29	55 *		20 *	44 *	31 *	39 *	33 *	46 *	53 *	58 *	47 *	37 *
30	55 *		20 *	35 *	31 *	33 *	45 *	43 *	50 *	56 *	49 *	29 *
31	53 *		44 *		34 *		48 *	40 *		63 *		23 *
Nivel Max.	55 *	52 *		48 *	48 *	50 *	50 *	50 *	59 *		60 *	
Día	22	1		27	13	25	31	13	25		20	
Hora	8	8		18	18	18	18	8	6		8	
Nivel Mín.	20 *	40 *		0 *	22 *	27 *	20 *	35 *	34 *		5 *	
Día	12	23		26	21	10	28	31	19		24	
Hora	8	8		8	8	8	8	18	18		18	
Nivel Medio	45	47	37	32	33	37	41	44	46	49	45	SECO

H333	SAN LORENZO EN SAN LORENZO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	43 *	68 *	64 *	78 *	80 *	65 *	55 *	51 *	46 *	48 *	49 *	98 *
2	43 *	68 *	64 *	80 *	80 *	65 *	56 *	51 *	46 *	48 *	54 *	97 *
3	43 *	68 *	64 *	79 *	78 *	65 *	55 *	51 *	46 *	47 *	52 *	95 *
4	43 *	70 *	63 *	78 *	78 *	64 *	55 *	51 *	46 *	45 *	52 *	88 *
5	42 *	70 *	63 *	77 *	78 *	64 *	55 *	49 *	46 *	45 *	54 *	84 *
6	42 *	70 *	63 *	76 *	78 *	63 *	54 *	49 *	46 *	45 *	54 *	84 *
7	42 *	70 *	62 *	76 *	78 *	63 *	54 *	49 *	45 *	45 *	57 *	80 *
8	42 *	70 *	62 *	75 *	78 *	62 *	54 *	48 *	44 *	45 *	59 *	79 *
9	42 *	68 *	63 *	75 *	77 *	62 *	54 *	48 *	43 *	45 *	55 *	77 *
10	42 *	68 *	67 *	72 *	77 *	61 *	55 *	48 *	43 *	45 *	51 *	110 *
11	42 *	68 *	68 *	72 *	76 *	61 *	54 *	48 *	43 *	45 *	56 *	112 *
12	44 *	68 *	66 *	72 *	73 *	61 *	53 *	48 *	43 *	45 *	58 *	70 *
13	44 *	69 *	65 *	72 *	74 *	60 *	53 *	47 *	43 *	44 *	57 *	70 *
14	48 *	69 *	65 *	69 *	75 *	60 *	54 *	47 *	43 *	44 *	56 *	69 *
15	48 *	69 *	64 *	68 *	70 *	60 *	54 *	47 *	43 *	44 *	56 *	70 *
16	48 *	69 *	66 *	69 *	70 *	60 *	53 *	47 *	43 *	44 *	54 *	74 *
17	48 *	70 *	70 *	68 *	70 *	60 *	53 *	46 *	44 *	43 *	54 *	70 *
18	49 *	70 *	80 *	68 *	70 *	59 *	53 *	46 *	44 *	44 *	55 *	74 *
19	50 *	70 *	105 *	68 *	69 *	58 *	53 *	46 *	45 *	44 *	57 *	75 *
20	50 *	69 *	103 *	68 *	68 *	58 *	52 *	46 *	45 *	47 *	61 *	74 *
21	53 *	69 *	105 *	68 *	67 *	57 *	52 *	45 *	45 *	47 *	66 *	72 *
22	55 *	68 *	108 *	70 *	66 *	58 *	51 *	45 *	45 *	46 *	63 *	70 *
23	58 *	68 *	103 *	72 *	66 *	57 *	51 *	45 *	49 *	46 *	61 *	69 *
24	58 *	67 *	100 *	76 *	66 *	58 *	51 *	45 *	52 *	46 *	71 *	69 *
25	58 *	67 *	100 *	80 *	65 *	58 *	50 *	45 *	49 *	45 *	86 *	68 *
26	59 *	65 *	93 *	80 *	64 *	58 *	51 *	46 *	48 *	45 *	92 *	67 *
27	60 *	65 *	82 *	90 *	63 *	57 *	51 *	46 *	48 *	46 *	93 *	66 *
28	68 *	65 *	78 *	90 *	60 *	57 *	51 *	47 *	48 *	47 *	109 *	66 *
29	68 *		76 *	88 *	60 *	57 *	52 *	46 *	48 *	48 *	100 *	69 *
30	69 *		75 *	80 *	60 *	56 *	52 *	47 *	48 *	57 *	99 *	72 *
31	69 *		75 *		60 *		52 *	47 *		60 *		65 *
Nivel Max.	69 *	70 *	110 *	90 *	80 *	65 *	56 *	51 *	52 *	65 *	112 *	148 *
Día	30	4	21	27	1	1	2	1	24	30	28	11
Hora	6	6	18	6	6	6	6	6	6	18	6	18
Nivel Mín.	42 *	65 *	62 *	67 *	60 *	55 *	50 *	44 *	42 *	43 *	49 *	65 *
Día	5	26	6	15	28	30	25	21	12	16	1	31
Hora	6	6	18	18	6	18	18	18	18	18	6	18
Nivel Medio	51	68	77	75	71	60	53	47	45	46	64	77

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	73 *	79 *	88 *	101 *	118 *	86 *	98 *	82 *	77 *			130 *
2	73 *	79 *	88 *	100 *	113 *	85 *	96 *	82 *	77 *			128 *
3	74 *	79 *	88 *	101 *	113 *	85 *	94 *	82 *	77 *			128 *
4	75 *	79 *	88 *	99 *	112 *	85 *	100 *	81 *	77 *			125 *
5	76 *	79 *	88 *	97 *	111 *	85 *	98 *	81 *	78 *			125 *
6	75 *	81 *	88 *	95 *	111 *	85 *	97 *	81 *	78 *			126 *
7	74 *	80 *	87 *	95 *	108 *	85 *	96 *	81 *	78 *			121 *
8	74 *	80 *	87 *	95 *	108 *	84 *	94 *	81 *	78 *			120 *
9	74 *	80 *	87 *	99 *	111 *	84 *	94 *	81 *	78 *			119 *
10	74 *	87 *	90 *	99 *	113 *	85 *	94 *	80 *	79 *			115 *
11	73 *	85 *	90 *	100 *	113 *	84 *	94 *	80 *	79 *			113 *
12	74 *	85 *	93 *	98 *	108 *	84 *	93 *	80 *	79 *			137 *
13	73 *	84 *	94 *	97 *	106 *	84 *	92 *	80 *	79 *			124 *
14	73 *	83 *	94 *	98 *	106 *	83 *	92 *	80 *	79 *			134 *
15	74 *	83 *	94 *	98 *	104 *	83 *	91 *	80 *	79 *			134 *
16	74 *	84 *	105 *	97 *	103 *	83 *	91 *	80 *	79 *			134 *
17	74 *	85 *	117 *	98 *	103 *	83 *	91 *	80 *	79 *			134 *
18	83 *	86 *	146 *	103 *	102 *	83 *	90 *	80 *	79 *			133 *
19	93 *	87 *	130 *	103 *	102 *	82 *	90 *	80 *	79 *			133 *
20	85 *	86 *	138 *	114 *	101 *	82 *	90 *	80 *	79 *			129 *
21	81 *	86 *	139 *	124 *	101 *	82 *	90 *	80 *	85 *			129 *
22	76 *	88 *	132 *	129 *	100 *	81 *	90 *	80 *	80 *			127 *
23	76 *	87 *	127 *	125 *	100 *	81 *	89 *	80 *	83 *			124 *
24	76 *	87 *	121 *	125 *	100 *	81 *	89 *	80 *	81 *			120 *
25	74 *	89 *	116 *	124 *	98 *	81 *	89 *	80 *	81 *			120 *
26	80 *	88 *	100 *	124 *	98 *	81 *	87 *	79 *	80 *			119 *
27	80 *	88 *	104 *	122 *	98 *	81 *	87 *	79 *	80 *			115 *
28	81 *	88 *	103 *	119 *	99 *	81 *	87 *	79 *	80 *			118 *
29	79 *		103 *	122 *	98 *	81 *	86 *	78 *	80 *			115 *
30	83 *		103 *	120 *	96 *	82 *	86 *	78 *	80 *			118 *
31	80 *		100 *		98 *			78 *				118 *
Nivel Max.	93 *	89 *	157 *	133 *	118 *	86 *		82 *	85 *			160 *
Día	19	25	18	21	1	1		1	21			12
Hora	6	6	18	18	6	6		6	6			18
Nivel Mín.	73 *	79 *	87 *	90 *	96 *	81 *		78 *	77 *			113 *
Día	1	1	7	16	30	22		29	1			11
Hora	6	6	6	18	18	6		6	6			6
Nivel Medio	77	84	104	107	105	83	92	80	79			125

H337	PANGOR AJ CHIMBO											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	17	27	25 *	35 *	45 *	38 *	28 *	19 *	16 *	14 *	10 *	56 *
2	16	26	28 *	35 *	45 *		28 *	19 *	16 *	13 *	10 *	56 *
3	16	25	28 *		45 *	41 *	28 *	18 *	14 *	10 *	13 *	58 *
4	14	25	26 *	22 *	45 *	51 *	28 *	18 *	14 *	10 *	19 *	58 *
5	16	24	25 *	21 *	45 *	47 *	24 *	18 *	14 *	9 *	19 *	58 *
6	15	25	25 *	21 *	44 *	40 *	28 *	18 *	14 *	9 *	20 *	
7	17	23	24 *	21 *	40 *	35 *	29 *	18 *	14 *	9 *	19 *	54 *
8	15	26	23 *	21 *		34 *	28 *	17 *	13 *	9 *	20 *	44 *
9	16	26	23 *		38 *	34 *	28 *	17 *	12 *	9 *	21 *	45 *
10	16	27	23 *	22 *	37 *	31 *	27 *	17 *	12 *	10 *	19 *	
11	16	25	24 *	22 *	38 *	31 *	26 *	16 *	12 *		18 *	56 *
12	16	27	21 *		38 *	35 *	25 *	16 *	12 *	8 *	24 *	40 *
13	16	28	20 *	25 *	48 *	35 *	25 *	16 *	12 *	8 *	21 *	43 *
14	16	26	20 *	29 *	47 *	35 *	28 *	16 *	11 *	8 *	22 *	43 *
15	16	27	21 *	35 *	41 *	34 *	23 *	16 *	11 *	8 *	27 *	40 *
16	17	31	22 *	34 *	35 *	35 *	23 *	16 *	11 *	8 *	25 *	42 *
17	18	28		34 *	40 *	34 *	23 *	16 *	11 *	8 *	25 *	44 *
18	20	27	36 *	35 *	40 *	35 *	22 *	16 *	10 *	8 *	18 *	44 *
19	20	28 *	40 *	37 *		36 *	21 *	16 *	10 *	9 *	19 *	45 *
20	22	28 *	46 *	40 *	42 *	35 *	19 *	16 *	10 *	12 *	25 *	46 *
21	23	28 *	47 *	42 *	42 *	34 *	20 *	16 *	10 *	13 *	46 *	44 *
22	21	28 *	40 *	43 *	42 *	34 *	21 *	15 *	14 *	11 *	40 *	44 *
23	22	28 *		43 *	43 *	34 *	21 *	15 *	16 *	9 *	27 *	46 *
24	23	28 *		43 *	45 *	35 *	21 *	15 *	16 *	8 *	44 *	49 *
25	24	29 *	45 *	42 *	43 *	35 *	20 *	15 *	15 *	8 *	43 *	48 *
26	24	29 *	41 *	42 *	41 *	35 *	17 *	15 *	16 *	9 *		46 *
27	24	26 *	39 *	53 *	40 *		17 *	14 *	14 *	9 *	55 *	42 *
28	23	20 *		51 *	38 *	30 *	17 *	14 *	16 *	10 *	53 *	40 *
29	26		38 *	49 *	31 *	29 *	18 *	14 *	16 *	10 *	50 *	42 *
30	24			48 *	30 *	29 *	18 *	14 *	14 *	10 *	55 *	44 *
31	26				29 *		19 *	14 *				40 *
Nivel Max.	27	34 *					29 *	19 *	16 *			
Día	31	16					7	1	1			
Hora	18	16					7		16			
Nivel Mín.	14	19 *					17 *	13 *	10 *			
Día	4	28					26	29	19			
Hora	7.2	16					7	16	16			
Nivel Medio	19	26	30	35	40	35	23	16	13	9	28	47

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H338	CHIMBO DJ PANGOR											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	53 *	87 *	70 *	110 *	120 *	98 *	78 *	64 *	51 *	57 *	65 *	130 *
2	52 *	86 *	82 *	110 *	119 *		78 *	64 *	52 *	56 *	65 *	130 *
3	50 *	87 *	82 *		125 *	100 *	78 *	63 *	54 *	54 *	66 *	131 *
4		88 *	77 *	99 *	125 *	130 *	78 *	63 *	53 *	54 *	74 *	131 *
5	50 *		83 *	98 *	125 *	109 *	78 *	65 *	53 *	53 *	81 *	129 *
6	50 *	98 *	82 *	98 *	125 *	110 *	78 *	63 *	50 *	52 *	79 *	
7	50 *	98 *	80 *	98 *	120 *	90 *	79 *	60 *	49 *	51 *	72 *	125 *
8	48 *	100 *	81 *	98 *		95 *	78 *	58 *	50 *	51 *	87 *	119 *
9	49 *	101 *	81 *		105 *	96 *	75 *	58 *	50 *	51 *	98 *	120 *
10	48 *	99 *	82 *	98 *	113 *	97 *	73 *	57 *	50 *	52 *	91 *	
11	50 *		83 *	97 *	99 *	96 *	70 *	56 *	50 *		85 *	148 *
12	52 *	98 *	82 *		96 *	92 *	63 *	55 *	50 *	53 *	102 *	120 *
13	50 *	98 *	79 *	97 *	112 *	91 *	60 *	55 *	50 *	52 *	103 *	123 *
14	51 *	98 *	79 *	96 *	117 *	90 *	60 *	55 *	49 *	51 *	98 *	124 *
15	45 *	98 *	79 *	95 *	120 *	88 *	63 *	55 *	49 *	50 *	98 *	120 *
16	59 *	99 *	78 *	95 *	115 *	88 *	63 *	55 *	49 *	49 *	98 *	121 *
17	61 *	99 *		95 *	114 *	87 *	63 *	55 *	48 *	48 *	103 *	121 *
18	63 *	98 *	118 *	95 *	100 *	87 *	63 *	54 *	48 *	48 *	101 *	122 *
19	69 *	97 *	126 *	96 *		87 *	64 *	55 *	48 *	49 *	99 *	125 *
20	81 *	91 *	144 *	104 *	98 *	85 *	65 *	55 *	48 *	55 *	99 *	124 *
21	88 *	88 *	146 *	110 *	98 *	84 *	64 *	55 *	48 *	55 *	128 *	123 *
22	80 *	89 *	130 *	110 *	98 *	84 *	63 *	54 *	55 *	50 *	111 *	120 *
23	70 *	88 *		119 *	99 *	84 *	61 *	54 *	65 *	49 *	110 *	125 *
24	68 *	89 *		111 *	115 *	86 *	60 *	54 *	49 *	48 *	112 *	128 *
25	68 *	89 *	120 *	113 *	109 *	86 *	59 *	55 *	45 *	50 *	114 *	122 *
26	70 *	91 *	115 *	113 *	100 *	87 *	59 *	55 *	55 *	52 *		116 *
27	86 *	88 *	110 *	133 *	105 *		59 *	54 *	56 *	55 *	149 *	114 *
28	89 *	60 *		130 *	108 *	88 *	59 *	54 *	58 *	57 *	148 *	110 *
29	95 *		107 *	125 *	111 *	88 *	60 *	53 *	59 *	60 *	140 *	113 *
30	89 *			120 *	104 *	80 *	60 *	52 *	57 *	60 *	207 *	115 *
31	88 *				100 *		65 *	52 *				115 *
Nivel Max.							79 *	65 *	65 *			
Día							7	5	23			
Hora							7	7	7			
Nivel Mín.							58 *	52 *	45 *			
Día							26	29	25			
Hora							7	16	16			
Nivel Medio	64	92	96	106	110	92	67	57	52	52	103	123

H340	CHIMBO EN BUCAY											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	73 *	115 *	109 *	121 *	152 *	125 *	108 *	85 *	76 *	94 *	115 *	158 *
2	73 *	115 *	128 *	120 *	151 *	125 *	108 *	85 *	76 *	92 *	113 *	155 *
3	73 *	115 *	126 *	120 *	151 *	125 *	108 *	85 *	78 *	90 *	112 *	162 *
4	74 *	115 *	125 *	120 *	147 *	151 *	108 *	85 *	78 *	89 *	111 *	162 *
5	74 *	115 *	123 *	120 *	144 *	145 *	107 *	85 *	82 *	89 *	105 *	153 *
6	75 *	115 *	122 *	119 *	142 *	143 *	107 *	85 *	84 *	88 *	105 *	148 *
7	75 *	115 *	120 *	119 *	138 *	139 *	107 *	86 *	84 *	87 *	115 *	147 *
8	69 *	114 *	118 *	118 *	138 *	134 *	105 *	86 *	84 *	87 *	127 *	153 *
9	69 *	114 *	115 *	118 *	136 *	132 *	105 *	85 *	84 *	85 *	127 *	155 *
10	69 *	114 *	110 *	118 *	136 *	128 *	105 *	83 *	84 *	85 *	130 *	152 *
11	68 *	113 *	108 *	119 *	135 *	125 *	105 *	83 *	83 *	85 *	134 *	151 *
12	68 *	112 *	110 *	119 *	135 *	125 *	104 *	83 *	83 *	84 *	150 *	151 *
13	67 *	110 *	110 *	119 *	136 *	124 *	104 *	82 *	83 *	84 *	147 *	150 *
14	67 *	108 *	111 *	123 *	136 *	124 *	104 *	81 *	82 *	84 *	144 *	150 *
15	69 *	107 *	112 *	130 *	138 *	124 *	104 *	81 *	82 *	83 *	133 *	150 *
16	70 *	104 *	113 *	149 *	144 *	124 *	103 *	81 *	81 *	82 *	127 *	154 *
17	75 *	100 *	145 *	128 *	141 *	123 *	103 *	80 *	81 *	80 *	135 *	162 *
18	78 *	110 *	150 *	128 *	139 *	123 *	103 *	79 *	81 *	80 *	135 *	160 *
19	80 *	115 *	150 *	130 *	138 *	120 *	101 *	79 *	80 *	80 *	136 *	159 *
20	110 *	115 *	193 *	135 *	135 *	119 *	100 *	79 *	80 *	99 *	138 *	158 *
21	108 *	113 *	187 *	144 *	135 *	119 *	99 *	79 *	79 *	98 *	174 *	157 *
22	110 *	113 *	184 *	150 *	134 *	118 *	97 *	78 *	79 *	98 *	157 *	156 *
23	110 *	112 *	175 *	155 *	134 *	118 *	94 *	78 *	109 *	99 *	163 *	155 *
24	111 *	112 *	165 *	157 *	134 *	117 *	92 *	78 *	103 *	100 *	178 *	155 *
25	112 *	110 *	157 *	165 *	133 *	116 *	90 *	77 *	105 *	100 *	172 *	155 *
26	139 *	110 *	155 *		135 *	113 *	90 *	76 *	104 *	105 *	171 *	156 *
27	115 *	110 *	170 *		135 *	112 *	89 *	75 *	103 *	105 *	174 *	156 *
28	115 *	109 *	148 *		138 *	110 *	89 *	75 *	103 *	130 *	167 *	157 *
29	115 *		133 *	158 *	134 *	110 *	87 *	75 *	101 *	124 *	167 *	167 *
30	115 *		128 *	153 *	129 *	110 *	86 *	75 *	98 *	118 *	168 *	164 *
31	115 *		125 *		127 *		85 *	75 *		117 *		162 *
Nivel Max.	145 *	115 *	195 *		152 *	153 *	108 *	86 *	110 *	130 *	190 *	167 *
Día	26	1	20		1	4	1	7	23	28	24	29
Hora	7	7	7		7	7	7	7	7	7	18	7
Nivel Mín.	67 *	100 *	108 *		127 *	110 *	85 *	75 *	76 *	80 *	100 *	147 *
Día	12	17	11		31	28	30	27	1	17	5	6
Hora	18	7	7		7	7	18	7	7	7	18	18
Nivel Medio	88	112	136	132	138	124	100	81	87	94	141	156

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H343	ECHEANDIA EN ECHEANDIA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		112 *	103 *	134 *	111 *	97 *		70 *	61	87	84	124
2		95 *	99 *	118 *	109 *	95 *		70 *	58	85	87	127
3		87 *	96 *		111 *	98 *		70 *	56	79	84	119
4		84 *	115 *		103 *	98 *		70 *	53	73	88	116
5		81 *	121 *		107 *	98 *		70 *	60	68	87	117
6		85 *	115 *	114 *	105 *	93 *		70 *	66	63	89	113
7	55 *	83 *	112 *	112 *	108 *	89 *		70 *	63	63	89	111
8	57 *	104 *	109 *	110 *	113 *			70 *	59	75	88	116
9	48 *	96 *	103 *	108 *	122 *			70 *	54	82	92	161
10	46 *	93 *	104 *	108 *	115 *		70 *	70 *	62	80	94	132
11	43 *	85 *	105 *	106 *	111 *		70 *	70 *	61	79	94	120
12	40 *	93 *	108 *	106 *	151 *		70 *	70 *	67	78	99	116
13	40 *	89 *	106 *	104 *	115 *		70 *	70 *	69	79	100	117
14	41 *		110 *	108 *	106 *		70 *	66	69	77	100	114
15	42 *			111 *	105 *		70 *	65	66	78	102	118
16	40 *		126 *		108 *		70 *	66	64	75	104	116
17	80 *		125 *	114 *	99 *		70 *	73	66	78	104	118
18	61 *	139 *	146 *	114 *	98 *		69 *	71	74	79	108	120
19	97 *	128 *		112 *	95 *		68 *	72	69	80	106	121
20	110 *	115 *	145 *	113 *	93 *		68 *	74	72	81	109	122
21	85 *	108 *	140 *	119 *	95 *		68 *	71	73	80	113	122
22	76 *	99 *	126 *	118 *	97 *		68 *	68	77	81	114	121
23	72 *	97 *	125 *	116 *	95 *		68 *	66	88	80	117	123
24	66 *	105 *	121 *	115 *	91 *		70 *	66	92	81	121	122
25	65 *	113 *	154 *	110 *	89 *		70 *	62	90	80	124	120
26	69 *	113 *	140 *	109 *	87 *		70 *	60	85	82	123	120
27	95 *	138 *	141 *	104 *	86 *		70 *	58	83	82	119	120
28	86 *	123 *	119 *	100 *	85 *		70 *	58	79	82	120	122
29	84 *		115 *	99 *	83 *		70 *	61	74	84	117	120
30	100 *		112 *	103 *	85 *		70 *	63	84	81	120	124
31	103 *		110 *		81 *		70 *	64		86		121
Nivel Max.					188 *			80 *	93	91	126	235
Día					12			17	24	1	25	9
Hora					17			7	17	12.4	5.2	8.5
Nivel Mín.					80 *			57	52	61	83	107
Día					31			27	9	7	3	8
Hora					17			16.1	18.5	2.5	4.3	5.1
Nivel Medio	68	103	119	111	102		70	68	70	79	103	121

H346	ZAPOTAL EN LECHUGAL											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	31	197 *	200 *	428 *	242 *	179 *	202	122	88	210	192	409
2	39	203 *	194 *	409 *	240 *	187 *	185	119	85	202	166	430
3	44	202 *	185 *	373 *	232 *	178 *	178	111	84	187	171	441
4	56	205 *	224 *	264 *	224 *	178 *	178	106	83	185	218	399
5	64	179 *	268 *	289 *	209 *	178 *	153	113	86	151	247	342
6	67	250 *	267 *	265 *	269 *	173 *	142	102	106	241	227	314
7	56	263 *	294 *	234 *	212 *	165 *	132	101	109	194	244	319
8	50	200 *	243 *	227 *	197 *	158	135	99	99	173	275	371
9	43	312 *	243 *	209 *	183 *	154	132	94	109	175	338	391
10	38	238 *	232 *	203 *	197 *	149	124	98	103	155	301	334
11	37	237 *	243 *	207 *	203 *	139	136	103	107	146	300	328
12	33	223 *	237 *	208 *	193 *	133	144	96	96	138	347	329
13	25 *	208 *	223 *	233 *	239 *	128	142	98	124	130	341	367
14	28 *	238 *	316 *	259 *	243 *	128	156	100	177	125	312	376
15	32 *	206 *	280 *	284 *	229 *	132	150	142	171	137	336	398
16	31 *	217 *	349 *	378 *	253 *	134	136	131	151	129	288	448
17	33 *	207 *	394 *	348 *	239 *	151	129	140	137	120	279	420
18	52 *	382 *	403 *	278 *	249 *	133	127	145	127	113	300	375
19	148 *	337 *	394 *	275 *	217 *	137	120	135	150	110	292	467
20	232 *	282 *	478 *	262 *	238 *	172	129	157	135	111	310	496
21	172 *	239 *	428 *	344 *	215 *	186	127	164	172	121	369	423
22	146 *	208 *	319 *	278 *	199 *	171	120	150	204	117	465	404
23	129 *	198 *	298 *	248 *	205 *	159	112	133	217	111	487	417
24	108 *	212 *	323 *	297 *	184 *	147	108	122	244	107	548	411
25	150 *	223 *	332 *	241 *	177 *	191	106	115	201	107	583	378
26	214 *	208 *	433 *	222 *	204 *	162	102	109	188	106	474	355
27	150 *	226 *	403 *	255 *	169 *	163	98	105	182	102	391	307
28	140 *	208 *	421 *	228 *	168 *	169	95	102	163	178	423	326
29	138 *		338 *	323 *	169 *	165	98	97	158	135	419	418
30	183 *		323 *	265 *	213 *	152	157	95	165	139	431	441
31	267 *		354 *		188 *		122	90		142		341
Nivel Max.	271 *	421 *	495 *	443 *	304 *	227	224	184	275	356	631	522
Día	31	18	20	1	6	25	1	20	24	6	24	19
Hora	7	17	17	7	7	5.1	4.5	18	6.1	9	23	19.2
Nivel Mín.	25 *	173 *	184 *	201 *	162 *	124	93	89	81	99	154	263
Día	13	12	3	11	28	15	28	31	4	27	3	27
Hora	17	17	17	7	7	19.4	16.1	17.1	11.1	17.3	0.5	12
Nivel Medio	95	232	311	278	213	158	135	116	141	145	336	386

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H347	QUEVEDO EN QUEVEDO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	114 *	347 *	269 *	351 *	364 *	237 *	255 *	227 *	164 *	244 *	272	453
2	125 *	351 *	289 *	350 *	356 *	235 *	219 *	224 *	167 *	330 *	256	375
3	131 *	298 *	313 *	341 *	350 *	229 *	219 *	223 *	169 *	334 *	267	330
4	137 *	301 *	372 *	318 *	346 *	227 *	218 *	222 *	170 *	351 *	266	316
5	137 *	251 *	360 *	303 *	340 *	223 *	217 *	220 *	171 *	270 *	264	296
6	136 *	245 *	322 *	293 *	322 *	221 *	215 *	216 *	173 *	261 *	278	348
7	135 *	230 *	335 *	281 *	297 *	220 *	209 *	211 *	175 *	258 *	290	319
8	135 *	223 *	271 *	275 *	270 *	219 *	204 *	207 *	176 *	254 *	363	303
9	131 *	222 *	270 *	264 *	238 *	218 *	201 *	202 *	179 *	247 *	316	305
10	129 *	225 *	267 *	258 *	239 *	217 *	199 *	199 *	184 *	239 *	310	322
11	126 *	234 *	263 *	255 *	242 *	209 *	201 *	194 *	187 *	233 *	388	365
12	122 *	241 *	269 *	267 *	246 *	205 *	209 *	188 *	191 *	222 *	370	403
13	116 *	250 *	261 *	285 *	253 *	198 *	211 *	183 *	195 *	215 *	307	448
14	107 *	262 *	303 *	301 *	258 *	195 *	211 *	176 *	200 *	207 *	315	405
15	124 *	277 *	308 *	304 *	262 *	195 *	216 *	179 *	208 *	215	284	336
16	160 *	283 *	321 *	308 *	266 *	198 *	214 *	182 *	220 *	205	330	356
17	225 *	325 *	359 *	308 *	260 *	206 *	208 *	184 *	229 *	195	314	393
18	255 *	310 *	411 *	299 *	254 *	201 *	204 *	187 *	237 *	199	317	400
19	276 *	278 *	405 *	292 *	247 *	209 *	200 *	189 *	244 *	203	324	346
20	270 *	270 *	399 *	284 *	243 *	216 *	197 *	189 *	275 *	205	404	385
21	209 *	263 *	349 *	277 *	239 *	218 *	197 *	186 *	314 *	227	453	344
22	202 *	253 *	315 *	266 *	234 *	219 *	203 *	184 *	326 *	209	467	324
23	199 *	247 *	295 *	263 *	228 *	220 *	210 *	182 *	332 *	204	525	313
24	200 *	246 *	385 *	255 *	222 *	223 *	213 *	180 *	337 *	197	419	301
25	215 *	244 *	397 *	247 *	215 *	226 *	216 *	178 *	343 *	201	358	329
26	274 *	243 *	405 *	240 *	211 *	228 *	218 *	177 *	246 *	228	346	322
27	290 *	241 *	411 *	274 *	209 *	229 *	221 *	175 *	247 *	222	361	314
28	297 *	250 *	399 *	337 *	218 *	264 *	224 *	172 *	248 *	258	352	349
29	309 *		383 *	368 *	222 *	226 *	226 *	169 *	237 *	267	395	384
30	325 *		362 *	370 *	229 *	222 *	228 *	167 *	258 *	246	436	497
31	334 *		362 *		232 *		230 *	165 *		296		438
Nivel Max.	338 *	352 *	412 *	370 *	365 *	300 *	290 *	228 *	346 *	361 *	557	525
Día	31	2	18	30	1	28	1	1	25	4	23	30
Hora	16	16	8	16	8	8	16	8	16	9	12.4	21.1
Nivel Mín.	105 *	220 *	260 *	239 *	208 *	193 *	195 *	164 *	163 *	187	247	285
Día	14	9	13	26	27	15	21	31	1	20	2	5
Hora	16	9	9	16	16	8	8	16	8	8.3	14.4	15.5
Nivel Medio	192	264	336	294	261	218	213	191	226	240	345	359

H348	VINCES EN VINCES-DCP											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	63 *	443 *	362 *	480 *	508 *	366 *	339 *	305 *	195 *	432 *	423	596 *
2	92 *	464 *	356 *	513 *	472 *	339 *	333 *	278 *	197 *	501 *	429	606 *
3	105 *	479 *	378 *	530 *	450 *	373 *	324 *	258 *	186 *	502 *	403	615 *
4	105 *	430 *	417 *	534 *	434 *	370 *	348 *	248 *	234 *	515 *	397	621 *
5	109 *	391 *	446 *	525 *	409 *	427 *	325 *	240 *	223 *	508 *	420	618 *
6	122 *	342 *	490 *	481 *	404 *	396 *	305 *	238 *	229 *	449 *	427	593 *
7	127 *	342 *	494 *	444 *	436 *	384 *	294 *	231 *	296 *	537 *	427	578 *
8	121 *	331 *	445 *	409 *	402 *	384 *	281 *	223 *	249 *	492 *	457	569 *
9	113 *	322 *	408 *	395 *	369 *	360 *	283 *	218 *	247 *	424 *	480	605 *
10	114 *	378 *	398 *	377 *	375 *	350 *	274 *	210 *	261 *	399 *	452	582 *
11	105 *	428 *	399 *	392 *	378 *	314 *	272 *	228 *	322 *	368 *	479	547 *
12	80 *	428 *	393 *	403 *	359 *	298 *	362 *	225 *	305 *	356 *	480	536 *
13	73 *	405 *	394 *	432 *	346 *	280 *	308 *	227 *	286 *	330 *	431	554 *
14	67 *	380 *	395 *	400 *	414 *	284 *	301 *	240 *	332 *	309 *	565 *	575 *
15	63 *	373 *	455 *	476 *	408 *	270 *	283 *	245 *	423 *	297 *	513 *	599 *
16	62 *	356 *	475 *	476 *	391 *	271 *	278 *	256 *	443 *	301 *	505 *	616 *
17	67 *	338 *	508 *	487 *	412 *	274 *	266 *	277 *	396 *	279 *	476 *	621 *
18	71 *	345 *	562 *	465 *	424 *	298 *	258 *	269 *	381 *	260 *	523 *	608 *
19	99 *	479 *	577 *	446 *	399 *	286 *	268 *	267 *	347 *	275 *	505 *	596 *
20	188 *	443 *	580 *	432 *	386 *	337 *	277 *	252 *	357 *	261 *	506 *	610 *
21	365 *	401 *	585 *	421 *	363 *	397 *	277 *	249 *	327 *	292 *	507 *	614 *
22	370 *	376 *	557 *	441 *	366 *	374 *	267 *	305 *	416 *	300 *	561 *	597 *
23	349 *	363 *	511 *	422 *	359 *	349 *	255 *	297 *	438 *	274	609 *	614 *
24	300 *	359 *	479 *	413 *	342 *	342 *	242 *	266 *	507 *	272	624 *	606 *
25	246 *	381 *	520 *	415 *	327 *	341 *	238 *	252 *	511 *	257	627 *	579 *
26	221 *	403 *	553 *	404 *	329 *	377 *	224 *	243 *	451 *	262	630 *	559 *
27	252 *	373 *	527 *	389 *	371 *	348 *	214 *	232 *	457 *	301	628 *	559 *
28	304 *	355 *	490 *	463 *	339 *	351 *	208 *	222 *	428 *	313	612 *	552 *
29	287 *		504 *	434 *	376 *	335 *	208 *	212 *	380 *	371	610 *	584 *
30	340 *		460 *	518 *	386 *	329 *	246 *	209 *	369 *	399	594 *	606 *
31	419 *		469 *		364 *		363 *	201 *		395		622 *
Nivel Max.	437 *	483 *	589 *	535 *	515 *	430 *	372 *	320 *	526 *	549 *	630 *	624 *
Día	31	19	21	4	1	5	31	1	25	7	26	4
Hora	18	7	7	18	7	18	18	7	7	7	18	18
Nivel Mín.	62 *	318 *	355 *	375 *	327 *	265 *	208 *	199 *	185 *	250 *	393	535 *
Día	1	9	2	10	25	16	28	31	3	25	4	12
Hora	18	7	18	18	7	7	7	18	7	18	6.3	18
Nivel Medio	174	389	470	447	390	340	281	246	340	362	510	591

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H352	MACUL EN PTE.CARRETERA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	113 *	172 * CRECD	* CRECD	*		100 *			CRECD *	468 *	437 *
2	55 *	123 *	173 * CRECD	* CRECD	*		113 *		93 * CRECD	*		395 *
3	55 *	125 *	174 * CRECD	* CRECD	*		123 *		90 * CRECD	*	432 *	405 *
4	55 *	120 *	176 * CRECD	* CRECD	*		135 *		88 * CRECD	*	417 *	418 *
5	58 *	113 *	174 * CRECD	*	245 *	203 *	223 *			CRECD *	CRECD *	415 *
6	58 *	100 *	178 * CRECD	*	233 *	193 *	235 *			CRECD *	491 *	388 *
7	58 *	115 *	183 * CRECD	*	223 *	180 *				375 * CRECD	*	
8	58 *	186 *	185 * CRECD	*	213 *	165 *			118 *	305 * CRECD	*	419 *
9	58 *	190 *	CRECD	*	203 *	148 *			113 *	263 *	497 *	449 *
10	58 *	202 *		198 * CRECD	*		113 *		115 *		479 *	432 *
11	58 *	230 *		215 * CRECD	*		123 *		117 *		461 *	415 *
12	58 *	220 *		225 * CRECD	*			140 *	114 *		455 *	
13	58 *	191 *		CRECD	* CRECD	*					452 *	
14	58 *	185 *	193 * CRECD	*	268 *			119 *		150 *	446 *	
15	58 *	179 *	205 * CRECD	*	250 *			143 *		143 *	434 *	413 *
16	58 *	201 *	218 * CRECD	*	273 *			145 *	322 *	146 *	425 *	453 *
17	58 *	209 * CRECD	*	365 *	338 *			146 *	314 *	141 *	409 *	456 *
18	60 *	CRECD	*	335 *	305 *		CRECD *	142 *		143 *		439 *
19	120 *	CRECD	*	326 * CRECD	*		CRECD *		164 *			434 *
20	125 *	CRECD	*	360 * CRECD	*		CRECD *	132 *	165 *	127 *	448 *	434 *
21	130 *	CRECD	* CRECD	* CRECD	*		CRECD *	121 *		121 *	447 *	
22	123 *	CRECD	* CRECD	* CRECD	*			148 *	337 *	118 *	458 *	410 *
23	128 *	CRECD	* CRECD	* CRECD	*			147 * CRECD	*	117 * CRECD	*	418 *
24				270 * CRECD	*			136 * CRECD	*		CRECD *	420 *
25				260 * CRECD	*			CRECD *		114 * CRECD	*	
26				260 *	378 *			118 * CRECD	*		CRECD *	394 *
27				328 * CRECD	*	188 *		114 * CRECD	*	116 *	464 *	386 *
28		205 *		320 *		203 *		108 * CRECD	*	180 *	452 *	372 *
29		190 *				213 *		103 * CRECD	*	209 *		362 *
30		210 *				228 *		109 * CRECD	*	333 *		436 *
31		210 *						112 *		407 *		488 *
Nivel Max. Día Hora												
Nivel Mín. Día Hora												
Nivel Medio	72		CRECD	CRECD								419

H354	DAULE EN LA LINDA											CEDEGE
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	40 *	110 *	321 *	228 *	777 *	552 *	556 *	443 *	229 *	669 *		0 *
2	40 *	110 *	320 *	333 *	777 *	550 *	553 *	443 *	229 *	667 *		0 *
3	40 *	110 *	271 *	334 *	775 *	499 *	611 *	441 *	333 *	666 *		0 *
4	40 *	110 *	222 *	335 *	720 *	447 *	719 *	390 *	334 *	665 *		0 *
5	30 *	100 *	223 *	335 *	665 *	446 *	774 *	442 *	333 *	668 *		0 *
6	30 *	90 *	278 *	334 *	663 *	446 *	771 *		328 *	669 *		0 *
7	30 *	90 *	328 *	334 *	663 *	446 *	667 *	443 *		668 *		0 *
8	30 *		333 *	333 *	663 *	445 *	666 *	442 *	331 *	668 *		0 *
9	30 *	113 *	227 *	331 *	664 *	445 *	665 *		390 *	333 *		0 *
10	30 *	115 *	226 *	331 *	663 *	445 *		339 *	337 *	665 *		0 *
11		117 *	228 *	331 *	662 *	445 *	664 *	338 *	336 *	664 *		0 *
12		222 *	281 *	331 *	661 *	445 *	661 *	337 *	336 *	664 *		0 *
13	30 *	220 *	336 *	332 *		442 *	557 *	337 *	335 *	663 *		0 *
14	30 *	170 *	502 *	332 *	661 *	440 *	556 *	337 *	335 *	663 *		0 *
15	30 *	119 *	558 *	390 *	661 *	440 *	555 *		335 *	559 *		0 *
16	30 *	118 *	663 *	445 *	559 *	339 *	554 *	335 *	498 *	557 *		0 *
17	60 *	119 *	664 *	557 *	559 *	339 *	554 *		666 *	555 *		0 *
18	101 *	225 *	610 *	665 *	661 *		554 *	335 *	667 *	555 *		0 *
19	112 *	229 *	555 *	776 *	665 *		446 *	334 *	666 *			0 *
20	112 *	228 *	551 *	886 *	667 *	338 *	446 *	333 *	665 *			0 *
21	90 *	227 *	500 *	887 *	667 *	444 *		331 *	667 *			0 *
22		226 *	447 *	886 *	664 *	555 *		229 *	669 *			0 *
23	90 *	225 *			662 *	557 *		229 *	773 *			0 *
24	100 *	225 *		887 *	661 *	556 *		229 *	771 *			0 *
25	112 *	228 *	446 *	779 *	660 *	558 *		229 *	770 *			0 *
26	113 *	229 *	445 *	776 *	556 *	558 *	443 *	229 *	720 *			0 *
27	113 *	228 *	390 *	779 *	554 *	556 *	442 *					0 *
28	113 *		332 *	779 *	552 *		339 *	229 *				0 *
29	112 *		228 *		551 *		339 *		666 *			0 *
30	110 *				553 *		442 *		665 *			0 *
31							442 *					0 *
Nivel Max. Día Hora												
Nivel Mín. Día Hora												
Nivel Medio	67	165	388	520	650	469	559	340	494			0

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H359	PAJAN EN AGUA FRIA											J.R.H.
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	62 *	94 *	47 *	72 *	101 *	118	49	63	55	102 *		62 *
2	62 *	94 *	65 *	72 *	105 *	76	59	57	55	114 *	35 *	62 *
3	62 *	93 *	65 *	72 *	105 *	75	59	54	54	93 *	33 *	106 *
4	62 *	92 *	65 *	72 *	119 *	52	61	52	58	93 *	35 *	119 *
5	63 *	92 *	69 *	72 *	120 *	57	61	51	56	84 *	35 *	94 *
6	63 *	92 *	74 *	73 *	123 *	58	57	50	56	74 *	37 *	117 *
7	63 *	91 *	74 *	73 *	124 *	54	48	51	54	72 *	43 *	118 *
8	63 *	91 *	74 *	73 *	52 *	57	60	47	56	64 *	39 *	122 *
9	64 *	91 *	64 *	74 *	52 *	53	63	51	57	57 *	74 *	
10	64 *	90 *	53 *	74 *	53 *	55	57	50	57	72 *	74 *	
11	64 *	91 *	54 *	74 *	54 *	55	53	50	55	73 *	81 *	
12	64 *	91 *	85 *	74 *	61 *	54	50	49	59	73 *	65 *	
13	64 *	115 *	85 *	73 *	62 *	55	61	48	57	79 *	83 *	168 *
14	65 *	114 *	86 *	73 *	61 *	54	58	51	55	75 *	77 *	141 *
15	66 *	115 *	109 *	73 *	65 *	53	64	50	55	76 *	69 *	138 *
16	66 *	116 *	108 *	74 *	62 *	55	53	58	52	86 *	69 *	117 *
17	66 *	116 *	108 *	64 *	62 *	54	48	60	56	87 *	77 *	131 *
18	65 *	127 *	115 *	53 *	64 *	53	62	59	52	87 *	50 *	115 *
19	76 *	127 *	115 *	52 *	65 *	53	62	58	65 *	52 *	62 *	111 *
20	76 *	108 *	115 *	52 *	65 *	71	61	61	65 *	34 *	77 *	201 *
21	77 *	108 *	122 *	67 *	76	59	60	57	65 *	34 *	79 *	134 *
22	77 *	109 *	123 *	68 *	65	62	58	61	65 *	34 *	99 *	132 *
23	78 *	107 *	123 *	69 *	62	58	63	60	65 *	34 *	69 *	129 *
24	78 *	107 *	124 *	69 *	57	56	60	57	76 *	21 *	74 *	127 *
25	85 *	84 *	105 *	69 *	70	55	59	62	89 *	22 *	65 *	118 *
26	85 *	84 *	105 *	68 *	72	113	65	55	49 *	23 *	65 *	125 *
27	85 *	86 *	106 *	68 *	55	68	63	59	53 *	24 *	75 *	117 *
28	42 *	86 *	106 *	66 *	59	54	57	59	56 *	25 *	69 *	123 *
29	58 *		105 *	70 *	56	53	61	56	57 *	25 *	79 *	126 *
30	58 *		106 *	70 *	59	55	63	56	57 *	26 *	61 *	145 *
31	52 *				93		61	54				123 *
Nivel Max.	85 *	127 *		75 *	219	153	105	65	89 *			
Día	25	18		17	31	1	1	1	25			
Hora	7	7		7	21.3	1	22	2.3	7			
Nivel Mín.	42 *	84 *		52 *	40	44	43	46	42 *			
Día	28	25		18	25	30	1	13	14			
Hora	7	7		7	14.2	23.5	10.5	23.1	7			
Nivel Medio	67	100	92	69	74	62	59	55	59	60	64	123

H375	CHANCHAN DJ HUATAXI											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	42 *	67 *	54 *	55 *	81 *	43 *	47 *	39 *	37 *	30 *	67 *	81 *
2	43 *	68 *	56 *	57 *	79 *	42 *	51 *	38 *	36 *	30 *	67 *	79 *
3	45 *	75 *	55 *	56 *	82 *	42 *	47 *	38 *	35 *	32 *	67 *	79 *
4	45 *	70 *	54 *	57 *	88 *	80 *	39 *	38 *	34 *	32 *	77 *	75 *
5	43 *	68 *	55 *	54 *	96 *	59 *	48 *	38 *	34 *	34 *	81 *	67 *
6	45 *	66 *	55 *	55 *	88 *	56 *	59 *	37 *	35 *	32 *	83 *	54 *
7	44 *	64 *	54 *	49 *	78 *	51 *	63 *	36 *	32 *	30 *	75 *	48 *
8	44 *	66 *	54 *	51 *	78 *	51 *	73 *	35 *	33 *	31 *	77 *	45 *
9	45 *	68 *	55 *	51 *	73 *	50 *	89 *	38 *	32 *	33 *	72 *	45 *
10	46 *	68 *	50 *	51 *	66 *	48 *	89 *	37 *	32 *	32 *	67 *	38 *
11	46 *	66 *	50 *	48 *	65 *	47 *	64 *	35 *	34 *	32 *	66 *	36 *
12	44 *	64 *	50 *	52 *	63 *	44 *	67 *	34 *	32 *	31 *	70 *	35 *
13	46 *	64 *	50 *	54 *	63 *	41 *	66 *	34 *	34 *	30 *	68 *	43 *
14	45 *	61 *	50 *	53 *	61 *	40 *	62 *	35 *	34 *	32 *	68 *	50 *
15	48 *	60 *	50 *	51 *	60 *	40 *	55 *	35 *	32 *	34 *	73 *	57 *
16	51 *	62 *	50 *	49 *	57 *	39 *	51 *	31 *	34 *	36 *	72 *	59 *
17	52 *	63 *	65 *	49 *	55 *	37 *	41 *	33 *	33 *	32 *	67 *	54 *
18	54 *	63 *	90 *	49 *	53 *	39 *	42 *	33 *	33 *	32 *	88 *	57 *
19	69 *	63 *	100 *	53 *	54 *	38 *	44 *	33 *	37 *	34 *	82 *	60 *
20	73 *	61 *	98 *	64 *	52 *	38 *	45 *	32 *	39 *	34 *	90 *	68 *
21	67 *	61 *	100 *	72 *	50 *	37 *	46 *	32 *	41 *	37 *	87 *	57 *
22	63 *	61 *	100 *	73 *	50 *	34 *	45 *	32 *	47 *	39 *	94 *	53 *
23	61 *	58 *	98 *	67 *	50 *	33 *	44 *	31 *	51 *	40 *	80 *	49 *
24	65 *	59 *	71 *	69 *	48 *	31 *	44 *	33 *	49 *	43 *	104 *	42 *
25	64 *	58 *	75 *	70 *	47 *	32 *	40 *	34 *	49 *	43 *	100 *	48 *
26	64 *	59 *	76 *	72 *	46 *	34 *	37 *	33 *	51 *	40 *	113 *	36 *
27	64 *	59 *	74 *	76 *	44 *	37 *	37 *	32 *	52 *	40 *	102 *	36 *
28	65 *	56 *	77 *	77 *	43 *	39 *	38 *	32 *	53 *	55 *	104 *	35 *
29	65 *		75 *	80 *	43 *	39 *	36 *	32 *	53 *	59 *	87 *	34 *
30	65 *		77 *	80 *	43 *	38 *	39 *	41 *	47 *	64 *	83 *	34 *
31	64 *		75 *		43 *		39 *	42 *		68 *		31 *
Nivel Max.	74 *	76 *	100 *	80 *	100 *	84 *	90 *	44 *	54 *	68 *	114 *	86 *
Día	20	3	18	29	5	4	9	31	26	30	27	1
Hora	7	17	17	7	17	7	7	7	17	17	7	7
Nivel Mín.	42 *	56 *	50 *	48 *	42 *	30 *	36 *	30 *	32 *	30 *	64 *	30 *
Día	1	28	9	7	28	24	29	16	7	1	3	31
Hora	7	7	17	17	17	17	7	17	7	7	7	17
Nivel Medio	54	64	68	60	61	43	51	35	39	38	81	51

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H385	ANGAS AJ CHANCHAN											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	66 *	78 *	77 *	75 *	99 *	78 *	58 *	57 *	56 *	55 *	88 *	97 *
2	64 *	77 *	79 *	75 *	97 *	76 *	56 *	57 *	57 *	56 *	77 *	95 *
3	63 *	74 *	81 *	72 *	84 *	74 *	56 *	57 *	58 *	56 *	89 *	93 *
4	63 *	74 *	79 *	70 *	82 *	74 *	56 *	57 *	60 *	53 *	78 *	90 *
5	63 *	84 *	77 *	68 *	84 *	74 *	55 *	56 *	63 *	51 *	78 *	87 *
6	67 *	81 *	83 *	67 *	83 *	75 *	54 *	53 *	61 *	51 *	81 *	85 *
7	67 *	82 *	81 *	67 *	82 *	76 *	54 *	52 *	60 *	49 *	105 *	84 *
8	65 *	98 *	77 *	69 *	76 *	76 *	54 *	52 *	59 *	49 *	103 *	81 *
9	64 *	92 *	76 *	71 *	74 *	75 *	54 *	52 *	59 *	49 *	97 *	88 *
10	64 *	91 *	72 *	69 *	72 *	74 *	55 *	52 *	59 *	50 *	87 *	88 *
11	63 *	90 *	72 *	69 *	70 *	70 *	57 *	51 *	59 *	50 *	83 *	86 *
12	63 *	87 *	72 *	69 *	80 *	68 *	56 *	50 *	58 *	49 *	93 *	88 *
13	62 *	84 *	75 *	69 *	84 *	68 *	56 *	51 *	61 *	48 *	85 *	87 *
14	62 *	82 *	77 *	68 *	82 *	68 *	55 *	51 *	58 *	47 *	83 *	98 *
15	63 *	82 *	84 *	73 *	78 *	67 *	53 *	51 *	51 *	47 *	78 *	91 *
16	68 *	81 *	87 *	74 *	82 *	67 *	53 *	50 *	47 *	47 *	82 *	96 *
17	70 *	81 *	87 *	77 *	85 *	66 *	52 *	53 *	46 *	60 *	100 *	95 *
18	71 *	88 *	112 *	78 *	80 *	65 *	51 *	56 *	45 *	53 *	94 *	98 *
19	87 *	87 *	113 *	80 *	82 *	65 *	51 *	56 *	41 *	49 *	83 *	105 *
20	85 *	85 *	112 *	98 *	79 *	68 *	50 *	56 *	40 *	44 *	78 *	101 *
21	81 *	83 *	100 *	100 *	76 *	66 *	49 *	56 *	42 *	56 *	115 *	112 *
22	76 *	81 *	89 *	103 *	75 *	66 *	49 *	55 *	46 *	57 *	92 *	101 *
23	73 *	80 *	86 *	101 *	74 *	63 *	48 *	55 *	58 *	57 *	92 *	95 *
24	72 *	80 *	84 *	98 *	70 *	62 *	47 *	54 *	56 *	56 *	142 *	90 *
25	70 *	79 *	86 *	96 *	71 *	61 *	52 *	53 *	56 *	56 *	148 *	88 *
26	70 *	82 *	85 *	100 *	70 *	60 *	57 *	53 *	57 *	57 *	145 *	90 *
27	78 *	80 *	84 *	98 *	69 *	59 *	56 *	53 *	64 *	63 *	124 *	88 *
28	78 *	79 *	79 *	99 *	70 *	58 *	56 *	53 *	60 *	67 *	111 *	85 *
29	77 *		77 *	98 *	79 *	56 *	56 *	53 *	57 *	66 *	104 *	97 *
30	78 *		76 *	100 *	78 *	56 *	59 *	53 *	56 *	64 *	99 *	92 *
31	79 *		76 *		79 *		57 *	55 *		76 *		95 *
Nivel Max.	88 *	100 *	114 *	104 *	99 *	78 *	60 *	57 *	64 *	76 *	158 *	125 *
Día	19	8	19	22	1	1	30	1	27	31	24	21
Hora	6	6	6	6	6	6	6	6	6	6	18	18
Nivel Mín.	62 *	74 *	72 *	66 *	69 *	56 *	47 *	50 *	40 *	44 *	72 *	81 *
Día	13	3	10	7	27	29	24	12	20	20	3	8
Hora	18	18	6	18	6	6	6	6	6	6	6	6
Nivel Medio	70	83	84	82	79	68	54	54	55	54	97	92

H390	CHIMBO AJ MILAGRO INAMHI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0 *	105 *	154 *	237 *	267 *	284 *	142 *	85 *	43 *	192 *	164 *	283 *
2	0 *	117 *	193 *	243 *	244 *	234 *	147 *	88 *	50 *	138 *	179 *	312 *
3	0 *	99 *	222 *	222 *	241 *	221 *	142 *	77 *	33 *	122 *	143 *	328 *
4	0 *	39 *	225 *	211 *	236 *	237 *	138 *	75 *	33 *	112 *	139 *	302 *
5	20 *	99 *	264 *	183 *	244 *	273 *	124 *	69 *	34 *	102 *	191 *	278 *
6	36 *	121 *	247 *	174 *	251 *	228 *	115 *	68 *	92 *	90 *	175 *	269 *
7	35 *	155 *	195 *	181 *	233 *	214 *	105 *	64 *	81 *	84 *	215 *	238 *
8	33 *	195 *	162 *	170 *	212 *	198 *	131 *	65 *	65 *	83 *	222 *	276 *
9	31 *	188 *	144 *	183 *	201 *	187 *	162 *	64 *	72 *	83 *	297 *	334 *
10	28 *	186 *	153 *	170 *	229 *	178 *	148 *	62 *	68 *	74 *	247 *	296 *
11	16 *	185 *	146 *	164 *	239 *	174 *	114 *	83 *	63 *	73 *	226 *	313 *
12	13 *	177 *	143 *	163 *	215 *	165 *	105 *	85 *	64 *	79 *	299 *	333 *
13	11 *	148 *	150 *	199 *	237 *	167 *	104 *	69 *	66 *	84 *	262 *	347 *
14	10 *	112 *	171 *	213 *	258 *	170 *	115 *	89 *	70 *	75 *	241 *	397 *
15	15 *	102 *	215 *	238 *	231 *	164 *	113 *	76 *	93 *	111 *	237 *	372 *
16	16 *	100 *	259 *	277 *	240 *	155 *	112 *	75 *	54 *	92 *	237 *	375 *
17	15 *	145 *	304 *	237 *	232 *	148 *	105 *	86 *	59 *	78 *	225 *	358 *
18	13 *	176 *	326 *	205 *	215 *	149 *	101 *	89 *	56 *	70 *	283 *	347 *
19	67 *	222 *	359 *	312 *	205 *	143 *	99 *	90 *	46 *	65 *	247 *	369 *
20	89 *	207 *	389 *	312 *	203 *	146 *	97 *	74 *	53 *	109 *	240 *	367 *
21	121 *	179 *	372 *	336 *	194 *	190 *	95 *	76 *	53 *	114 *	292 *	340 *
22	95 *	138 *	366 *	356 *	188 *	184 *	96 *	73 *	54 *	120 *	353 *	332 *
23	92 *	137 *	271 *	329 *	196 *	169 *	86 *	77 *	101 *	101 *	277 *	339 *
24	85 *	144 *	287 *	323 *	206 *	157 *	87 *	61 *	135 *	93 *	385 *	352 *
25	61 *	191 *	313 *	307 *	192 *	216 *	91 *	58 *	101 *	96 *	399 *	337 *
26	68 *	198 *	290 *	284 *	238 *	209 *	77 *	54 *	101 *	95 *	395 *	327 *
27	127 *	173 *	272 *	319 *	222 *	166 *	77 *	53 *	99 *	85 *	383 *	295 *
28	108 *	173 *	260 *	312 *	213 *	181 *	70 *	44 *	97 *	165 *	359 *	316 *
29	99 *		220 *	303 *	213 *	157 *	67 *	55 *	94 *	135 *	336 *	352 *
30	109 *		210 *	300 *	266 *	149 *	89 *	45 *	97 *	173 *	294 *	375 *
31	122 *		192 *		252 *		90 *	47 *		206 *		343 *
Nivel Max.	129 *	238 *	389 *	368 *	286 *	299 *	186 *	104 *	167 *	226 *	405 *	405 *
Día	31	8	20	22	30	1	9	19	24	31	25	14
Hora	7	18	18	7	18	18	18	7	18	7	18	18
Nivel Mín.	0 *	38 *	142 *	162 *	183 *	142 *	65 *	42 *	31 *	63 *	126 *	236 *
Día	1	4	12	11	24	19	29	28	4	18	4	7
Hora	7	18	18	7	7	7	7	18	18	18	7	18
Nivel Medio	49	150	241	249	226	187	108	70	71	106	265	329

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

DAULE EN STA.LUCIA													INAMHI
H391	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1		182 *		266 *					448 *	448 *	567 *	572 *
	2		179 *		261 *					503 *	503 *	590 *	591 *
	3		163 *		268 *					578 *	579 *	598 *	599 *
	4		156 *		289 *					608 *	607 *	586 *	586 *
	5		154 *		294 *					601 *	551 *	604 *	605 *
	6		157 *		295 *					597 *	598 *	604 *	605 *
	7		155 *		288 *					599 *	600 *	608 *	608 *
	8		169 *		294 *					604 *	605 *	743 *	744 *
	9		177 *		279 *					644 *	645 *	801 *	802 *
	10		236 *		293 *					604 *	605 *	789 *	789 *
	11		242 *		361 *					569 *	569 *	762 *	761 *
	12		325 *		403 *					556 *	556 *	758 *	762 *
	13		297 *		398 *					539 *	540 *	773 *	774 *
	14		256 *		414 *					522 *	522 *	750 *	751 *
	15		247 *		546 *					515 *	516 *	759 *	758 *
	16		231 *		584 *					506 *	506 *	725 *	726 *
	17		305 *		557 *					500 *	500 *	716 *	716 *
	18		344 *		607 *					494 *	495 *	776 *	776 *
	19		337 *		649 *					486 *	487 *	777 *	776 *
	20		294 *		689 *					482 *	482 *	770 *	770 *
	21		271 *		745 *					478 *	478 *	733 *	734 *
	22		240 *		833 *					476 *	476 *	715 *	715 *
	23		246 *		848 *					497 *	498 *	741 *	742 *
	24		256 *		807 *					507 *	507 *	811 *	811 *
	25		411 *		780 *					501 *	501 *	885 *	886 *
	26		524 *		748 *					494 *	493 *	870 *	869 *
	27		478 *		710 *					535 *	536 *	842 *	842 *
	28		447 *		726 *					546 *	546 *	807 *	806 *
	29				711 *					555 *	556 *	772 *	772 *
	30				711 *					548 *	549 *	755 *	756 *
	31										566 *		
Nivel Max.			524 *		859 *					651 *	652 *	885 *	
Día			26		22					9	9	25	
Hora			17		16					6	6	18	
Nivel Mín.			153 *		257 *					409 *	408 *	560 *	
Día			5		2					1	1	1	
Hora			6		16					17	16	18	
Nivel Medio			267		522					536	536	733	733

H415		SAN PABLO EN LA MANA										CEDEGE
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	35 *	66 *	61 *	138 *	88 *	63 *	64 *	40 *	44	55	61	
2	27 *	64 *	96 *	111 *	88 *	67 *	57 *	38 *	45	51	56	
3	35 *	57 *	87 *	102 *	82 *	64 *	71 *	33 *	50	49		
4	35 *	63 *	113 *	94 *	78 *	78 *	58 *	40 *	47	50		
5	36 *	60 *	136 *	85 *	77 *	71 *	55 *	37 *	48	46		
6	31 *	59 *	102 *	85 *	91 *	68 *	57 *	38 *	54	46		
7	27 *	61 *	85 *	78 *	75 *	66 *	55 *	37 *	52	46		
8	24 *	57 *	74 *	90 *	75 *	67 *	61 *	35 *	51	45		
9	22 *	55 *	75 *	82 *	80 *	65 *	57 *	57 *	51	45		
10	20 *	91 *	72 *	78 *	74 *	64 *	56 *	56 *	46	45		
11	15 *	80 *	79 *	81 *	75 *	63 *	92 *	92 *	46	47		
12	18 *	67 *	74 *	85 *	74 *	57 *	67 *	67 *	45	44		
13	21 *	68 *	75 *	84 *	78 *	55 *	55 *	43 *	46	44		
14	20 *	61 *	95 *	87 *	78 *	61 *	55 *	40 *	60	45		
15	16 *	61 *	103 *	85 *	73 *	65 *	53 *	80 *	60	44		
16	16 *	68 *	99 *	87 *	84 *	72 *	36 *	58 *	57	44		
17	24 *	64 *	118 *	87 *	84 *	67 *	44 *	62 *	57	43		
18	38 *	68 *	115 *	78 *	77 *	62 *	50 *	57 *	56	43		
19	49 *	74 *	111 *	77 *	76 *	55 *	57 *	46 *	55	43		
20	83 *	69 *	113 *	80 *	75 *	73 *	69 *	50 *	63	46		
21	71 *	67 *	108 *	77 *	74 *	79 *	55 *	68 *	67	45		
22	53 *	61 *	105 *	78 *	75 *	65 *	51 *	58 *	64	46		
23	54 *	61 *	110 *	91 *	73 *	67 *	56 *	62 *	63	48		
24	41 *	61 *	109 *	79 *	61 *	73 *	46 *	56 *	59	53		
25	42 *	67 *	137 *	84 *	68 *	75 *	42 *	42 *	56	47		
26	47 *	61 *	120 *	80 *	61 *	68 *	35 *	35 *	63	47		
27	50 *	61 *	125 *	78 *	66 *	75 *	36 *	37 *	56	48		
28	44 *	61 *	124 *	75 *	68 *	67 *	36 *	36 *	56	50		
29	44 *		118 *	88 *	66 *	73 *	37 *	48 *	54	51		
30	51 *		115 *	91 *	64 *	66 *	36 *	46 *	59	51		
31	56 *		114 *		64 *		31 *	44		54		
Nivel Max.	93 *	111 *	154 *	145 *	104 *	85 *	122 *	122 *	77	80		
Día	20	10	5	1	6	21	11	11	20	24		
Hora	7	7	18	18	7	18	7	7	20.4	11.5		
Nivel Mín.	11 *	51 *	61 *	71 *	61 *	51 *	31 *	31 *	44	39		
Día	11	9	1	10	24	12	26	3	13	14		
Hora	7	18	7	18	18	18	7	7	0.2	15.3		
Nivel Medio	37	65	102	86	75	67	52	49	54	47		

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H447	BULUBULU AJ PAYO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	104 *	192 *	201 *	255 *	270 *	245 *	207 *	173 *	122	207	222	112
2	106 *	205 *	302 *	253 *	260 *	246 *	205 *	167 *	118	224	224	207
3	105 *	206 *	262 *	269 *	249 *	226 *	200 *	166 *	113	218	222	267
4	108 *	189 *	266 *	249 *	264 *	275 *	172 *	162 *	113	212	231	307
5	108 *	267 *	263 *	234 *	240 *	284 *	193 *	161 *	127	205	223	258
6	106 *	367 *	248 *	226 *	240 *	273 *	192 *	158 *	144	198	296	274
7	105 *	355 *	237 *	236 *	246 *	265 *	189 *	156 *	155	193	260	260
8	104 *	310 *	234 *	217 *	236 *	235 *	189 *	155 *	157	193	298	282
9	104 *	274 *	233 *	228 *	230 *	232 *	201 *	153 *	160	191	294	305
10	101 *	247 *	218 *	215 *	286 *	218 *	193 *	155 *	157	186	302	306
11	102 *	235 *	216 *	215 *	277 *	208 *	185 *	186 *	153	181	320	299
12	98 *	229 *	215 *	213 *	282 *	215 *	180 *	168 *	148	177	375	303
13	96 *	203 *	215 *	236 *	277 *	223 *	178 *	158 *	145	174	282	309
14	94 *	192 *	268 *	225 *	289 *	242 *	175 *	161 *	143	177	307	321
15	93 *	187 *	277 *	277 *	266 *	210 *	174 *	161 *	146	180	342	320
16	91 *	306 *	343 *	302 *	273 *	204 *	174 *	164	150	182	346	353
17	89 *	233 *	343 *	274 *	287 *	222 *	171 *	161	146	177	385	276
18	90 *	273 *	310 *	249 *	262 *	202 *	166 *	169	145	172	348	275
19	112 *	245 *	331 *	352 *	253 *	208 *	167 *	173	144	169	283	314
20	153 *	243 *	347 *	292 *	260 *	203 *	167 *	170	143	193	277	290
21	163 *	221 *	298 *	317 *	242 *	210 *	167 *	166	145	235	239	272
22	154 *	203 *	281 *	285 *	235 *	203 *	165 *	163	152	222	194	270
23	133 *	232 *	298 *	340 *	238 *	268 *	160 *	159	150	202	165	280
24	123 *	218 *	358 *	275 *	235 *	205 *	160 *	155	174	191	214	276
25	118 *	207 *	378 *	356 *	232 *	340 *	156 *	151	206	189	169	277
26	117 *	202 *	313 *	309 *	379 *	243 *	155 *	148	206	182	140	282
27	163 *	199 *	339 *	369 *	270 *	219 *	153 *	143	204	179	131	280
28	148 *	209 *	316 *	366 *	242 *	215 *	153 *	139	198	200	120	288
29	146 *	291 *	317 *	331 *	231 *	223 *	153 *	135	194	222	110	322
30	195 *	278 *	305 *	363 *	209 *	209 *	176 *	132	187	227	110	337
31	302 *		263 *		267 *		165 *	127		229		273
Nivel Max.	352 *	445 *	381 *	389 *	404 *	346 *	209 *	189 *	209	238	410	398
Día	31	6	25	28	26	25	2	11	26	21	17	16
Hora	7	18	7	7	7	18	7	7	13.2	5.5	5.4	8.2
Nivel Mín.	88 *	171 *	200 *	212 *	225 *	198 *	148 *	124	111	169	108	112
Día	17	2	1	8	29	23	4	31	4	20	29	1
Hora	18	7	18	18	18	7	7	20.4	5.2	11.3	12.4	18.2
Nivel Medio	123	237	282	275	264	232	175	158	155	196	248	284

H448	PAYO AJ BULUBULU											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	26 *	142 *	250 *	239 *	192 *	284 *	137 *	133 *	75 *	382 *	137 *	334 *
2	39 *	138 *	243 *	243 *	154 *	321 *	152 *	85 *	85 *	339 *	134 *	305 *
3	40 *	129 *	223 *	219 *	178 *	279 *	137 *	74 *	91 *	345 *	222 *	298 *
4	29 *	106 *	214 *	170 *	183 *	250 *	131 *	66 *	96 *	368 *	239 *	337 *
5	29 *	130 *	203 *	154 *	184 *	178 *	154 *	86 *	88 *	364 *	219 *	376 *
6	27 *	257 *	191 *	151 *	177 *	162 *	193 *	105 *	81 *	291 *	189 *	417 *
7	28 *	340 *	172 *	167 *	151 *	147 *	230 *	130 *	72 *	302 *	213 *	443 *
8	26 *	351 *	140 *	153 *	137 *	154 *	264 *	140 *	76 *	255 *	328 *	431 *
9	32 *	355 *	130 *	160 *	146 *	142 *	319 *	122 *	77 *	202 *	375 *	402 *
10	33 *	349 *	118 *	141 *	153 *	130 *	356 *	133 *	83 *	167 *	312 *	384 *
11	31 *	343 *	114 *	131 *	177 *	145 *	414 *	152 *	92 *	151 *	224 *	374 *
12	26 *	336 *	112 *	127 *	159 *	167 *	443 *	137 *	93 *	158 *	257 *	362 *
13	21 *	307 *	113 *	123 *	174 *	187 *	420 *	113 *	80 *	162 *	315 *	353 *
14	21 *	285 *	128 *	135 *	264 *	183 *	336 *	87 *	64 *	167 *	335 *	335 *
15	24 *	270 *	160 *	243 *	230 *	175 *	249 *	83 *	78 *		323 *	315 *
16	27 *	257 *	181 *	321 *	158 *	161 *	180 *	79 *	93 *		304 *	293 *
17	43 *	240 *	188 *	260 *	148 *	148 *	120 *	73 *	108 *		285 *	340 *
18	52 *	234 *	198 *	179 *	133 *	129 *	92 *	67 *	115 *		342 *	353 *
19	73 *	200 *	246 *	239 *	158 *	104 *	73 *	71 *	130 *	182 *	358 *	334 *
20	105 *	127 *	316 *	426 *	184 *	108 *	79 *	78 *	153 *	308 *	378 *	316 *
21	78 *	106 *	311 *	268 *	159 *	118 *	88 *	86 *	157 *	192 *	403 *	309 *
22	148 *	98 *	299 *	367 *	138 *	134 *	80 *	87 *	132 *	207 *	435 *	330 *
23	150 *	93 *	298 *	320 *	187 *	219 *	71 *	78 *	123 *	147 *	461 *	343 *
24	140 *	91 *	311 *	319 *	176 *	332 *	60 *	70 *	164 *	124 *	489 *	334 *
25	124 *	98 *	331 *	357 *	126 *	409 *	72 *	64 *	209 *	132 *	441 *	340 *
26	115 *	132 *	350 *	273 *	390 *	384 *	67 *	59 *	163 *	140 *	273 *	352 *
27	110 *	192 *	371 *	264 *	275 *	328 *	60 *	53 *	140 *	161 *	234 *	340 *
28	102 *	256 *	393 *	377 *	158 *	292 *	62 *	56 *	167 *	188 *	248 *	310 *
29	94 *		389 *	287 *	144 *	245 *	81 *	62 *	207 *	184 *	324 *	285 *
30	97 *		363 *	255 *	363 *	189 *	107 *	68 *	267 *	174 *	352 *	266 *
31	137 *		167 *		269 *		105 *	77 *		163 *		289 *
Nivel Max.	153 *	365 *	396 *	439 *	424 *	419 *	446 *	154 *	284 *		519 *	449 *
Día	23	6	28	20	26	25	12	11	30		24	7
Hora	7	18	18	7	18	18	18	18	18		18	18
Nivel Mín.	19 *	89 *	110 *	121 *	122 *	102 *	56 *	51 *	62 *		130 *	260 *
Día	14	24	12	13	25	19	28	27	14		2	30
Hora	7	7	7	18	7	18	7	18	18		7	18
Nivel Medio	65	213	233	235	188	207	172	89	118	220	305	342

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H466	SILANTE EN INGAPIRCA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	34 *	38 *	45 *	50 *	80 *	57 *	58 *	57 *	57 *	58 *	87 *	82 *
2	30 *	36 *	40 *	49 *	89 *	56 *	74 *	58 *	56 *	48 *	79 *	87 *
3	30 *	35 *	39 *	54 *	83 *	57 *	59 *	58 *	54 *	56 *	75 *	96 *
4	30 *	35 *	38 *	49 *	122 *	76 *	56 *	58 *	51 *	56 *	70 *	83 *
5	30 *	57 *	36 *	49 *	167 *	72 *	58 *	53 *	50 *	50 *	70 *	78 *
6	30 *	57 *	35 *	49 *	118 *	77 *	67 *	48 *	49 *	56 *	79 *	70 *
7	30 *	61 *	34 *	50 *	119 *	61 *	101 *	49 *	55 *	46 *	78 *	69 *
8	30 *	51 *	32 *	62 *	117 *	60 *	118 *	48 *	58 *	50 *	76 *	66 *
9	32 *	48 *	30 *	98 *	117 *	58 *	124 *	47 *	57 *	46 *	73 *	65 *
10	32 *	47 *	52 *	80 *	107 *	57 *	99 *	47 *	50 *	44 *	69 *	64 *
11	30 *	47 *	71 *	77 *	102 *	53 *	100 *	51 *	54 *	43 *	68 *	62 *
12	27 *	48 *	74 *	80 *	98 *	50 *	97 *	50 *	56 *	84 *	88 *	60 *
13	29 *	45 *	76 *	82 *	86 *	50 *	94 *	56 *	58 *	47 *	76 *	59 *
14	32 *	48 *	65 *	73 *	82 *	57 *	83 *	54 *	57 *	43 *	69 *	60 *
15	45 *	47 *	62 *	69 *	84 *	55 *	85 *	53 *	50 *	42 *	67 *	62 *
16	44 *	50 *	65 *	64 *	78 *	55 *	78 *	53 *	48 *	40 *	65 *	65 *
17	49 *	46 *	90 *	58 *	74 *	64 *	76 *	53 *	48 *	40 *	71 *	64 *
18	46 *	46 *	80 *	57 *	70 *	60 *	73 *	46 *	48 *	50 *	91 *	63 *
19	44 *	46 *	80 *	56 *	70 *	58 *	69 *	43 *	47 *	55 *	113 *	75 *
20	44 *	45 *	85 *	55 *	68 *	56 *	69 *	43 *	48 *	50 *	90 *	69 *
21	45 *	44 *	91 *	60 *	72 *	56 *	69 *	44 *	47 *	50 *	87 *	65 *
22	42 *	44 *	74 *	62 *	62 *	52 *	69 *	43 *	46 *	67 *	85 *	65 *
23	38 *	46 *	69 *	69 *	60 *	50 *	69 *	42 *	59 *	57 *	88 *	60 *
24	37 *	45 *	66 *	76 *	59 *	50 *	69 *	41 *	69 *	54 *	91 *	59 *
25	36 *	45 *	65 *	87 *	58 *	50 *	69 *	37 *	67 *	49 *	91 *	58 *
26	35 *	41 *	60 *	90 *	57 *	47 *	69 *	35 *	66 *	48 *	109 *	57 *
27	50 *	44 *	58 *	154 *	56 *	45 *	69 *	49 *	69 *	49 *	100 *	55 *
28	46 *	47 *	58 *	125 *	57 *	46 *	69 *	62 *	63 *	58 *	102 *	54 *
29	51 *		57 *	100 *	65 *	45 *	60 *	104 *	64 *	59 *	94 *	54 *
30	50 *		53 *	87 *	61 *	45 *	59 *	79 *	58 *	89 *	99 *	53 *
31	52 *		50 *		62 *		58 *	78 *		87 *		54 *
Nivel Max.	55 *	65 *	99 *	205 *	205 *	78 *	135 *	108 *	78 *	89 *	115 *	98 *
Día	31	7		27	5	5	9	29	27	30	26	3
Hora	7	7	18	7	7	7	7	18	18	7	17	17
Nivel Mín.	24 *	35 *	30 *	48 *	56 *	44 *	48 *	35 *	46 *	40 *	65 *	53 *
Día	12	2	9	6	26	28	1	26	22	16	16	30
Hora	7	7	7	17	17	7	7	7	7	7	7	7
Nivel Medio	38	46	59	72	84	56	76	53	55	54	83	65

H467	VENDELECHE EN HDA.LA CURIA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	59 *	67 *	56 *	79 *	67 *	58 *	69 *	85 *	84 *	80 *	72 *	78 *
2	68 *	65 *	56 *	77 *	64 *	58 *	76 *	89 *	82 *	81 *	72 *	77 *
3	60 *	65 *	56 *	78 *	64 *	58 *	76 *	113 *	83 *	88 *	73 *	78 *
4	59 *	60 *	55 *	79 *	66 *	57 *	77 *	114 *	79 *	91 *	72 *	78 *
5	61 *	62 *	62 *	75 *	65 *	57 *	81 *	117 *	78 *	95 *	70 *	78 *
6	62 *	62 *	68 *	77 *	67 *	58 *	79 *	112 *	78 *	82 *	72 *	80 *
7	64 *	63 *	71 *	82 *	62 *	59 *	75 *	110 *	79 *	83 *	74 *	81 *
8	65 *	64 *	77 *	77 *	67 *	57 *	79 *	134 *	81 *	81 *	75 *	81 *
9	80 *	62 *	78 *	103 *	67 *	57 *	78 *	122 *	81 *	83 *	77 *	82 *
10	78 *	61 *	72 *	103 *	69 *	58 *	79 *	137 *	82 *	83 *	77 *	82 *
11	79 *	62 *	71 *	85 *	64 *	58 *	79 *	160 *	82 *	79 *	78 *	83 *
12	85 *	60 *	74 *	88 *	66 *	57 *	78 *	149 *	83 *	89 *	75 *	84 *
13	98 *	59 *	88 *	85 *	67 *	59 *	110 *	130 *	83 *	136 *	74 *	90 *
14	84 *	58 *	87 *	71 *	69 *	57 *	100 *	120 *	81 *	125 *	73 *	88 *
15	80 *	57 *	78 *	67 *	61 *	58 *	100 *	97 *	81 *	112 *	76 *	88 *
16	71 *	56 *	73 *	64 *	58 *	57 *	97 *	95 *	81 *	120 *	79 *	87 *
17	79 *	56 *	70 *	66 *	55 *	57 *	98 *	98 *	81 *	112 *	78 *	85 *
18	87 *	57 *	67 *	69 *	57 *	56 *	98 *	101 *	78 *	83 *	77 *	85 *
19	91 *	57 *	66 *	64 *	58 *	56 *	93 *	101 *	78 *	90 *	79 *	85 *
20	90 *	56 *	68 *	123 *	59 *	61 *	90 *	101 *	85 *	91 *	79 *	88 *
21	87 *	55 *	105 *	109 *	57 *	62 *	91 *	98 *	81 *	83 *	80 *	89 *
22	89 *	56 *	145 *	91 *	57 *	62 *	100 *	101 *	82 *	79 *	81 *	88 *
23	79 *	56 *	99 *	83 *	57 *	63 *	95 *	101 *	81 *	76 *	87 *	80 *
24	78 *	55 *	91 *	80 *	58 *	64 *	94 *	104 *	80 *	77 *	88 *	
25	84 *	56 *	76 *	81 *	56 *	64 *	95 *	105 *	78 *	76 *	90 *	
26	79 *	58 *	73 *	75 *	55 *	63 *	87 *	94 *	78 *	75 *	88 *	76 *
27	77 *	56 *	69 *	70 *	59 *	61 *	86 *	92 *	78 *	69 *	84 *	76 *
28	75 *	57 *	68 *	69 *	58 *	62 *	89 *	87 *	81 *	69 *	84 *	74 *
29	73 *		71 *	65 *	55 *	64 *	84 *	84 *	81 *	71 *	81 *	74 *
30	74 *		71 *	63 *	56 *	64 *	81 *	81 *	81 *	71 *	76 *	72 *
31	74 *		65 *		58 *		83 *	85 *		69 *		72 *
Nivel Max.	98 *	67 *	160 *	130 *	71 *	65 *	110 *	160 *	89 *	146 *	91 *	
Día	13	1	22	20	8	25	13	11	20	13	23	
Hora	18	18	8	6	17	8	9	7	16	16	16	
Nivel Mín.	59 *	53 *	54 *	60 *	53 *	55 *	68 *	81 *	77 *	68 *	70 *	
Día	1	24	4	30	17	18	1	30	27	28	5	
Hora	9	17	9	18	7	16	8	10	17	7	8	
Nivel Medio	76	59	75	80	61	59	87	107	80	87	78	81

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H468	SAN PEDRO EN INGAPIRCA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	63 *	77 *	62 *	92 *	78 *	67 *	85 *	98 *	92 *	98 *	82 *	85 *
2	61 *	74 *	64 *	95 *	72 *	62 *	95 *	111 *	94 *	99 *	83 *	85 *
3	62 *	74 *	63 *	92 *	74 *	62 *	94 *	130 *	92 *	104 *	82 *	87 *
4	61 *	71 *	70 *	90 *	75 *	60 *	88 *	135 *	91 *	105 *	80 *	86 *
5	65 *	72 *	81 *	89 *	74 *	60 *	92 *	145 *	91 *	110 *	79 *	92 *
6	63 *	70 *	81 *	89 *	75 *	61 *	95 *	132 *	90 *	100 *	81 *	96 *
7	67 *	71 *	86 *	95 *	73 *	64 *	94 *	142 *	92 *	98 *	89 *	95 *
8	75 *	69 *	84 *	97 *	80 *	66 *	95 *	170 *	90 *	96 *	94 *	96 *
9	91 *	67 *	81 *	97 *	77 *	67 *	97 *	170 *	93 *	94 *	91 *	93 *
10	93 *	67 *	79 *	101 *	76 *	66 *	97 *	162 *	96 *	91 *	91 *	96 *
11	84 *	66 *	86 *	92 *	70 *	64 *	97 *	111 *	94 *	93 *	89 *	98 *
12	96 *	66 *	93 *	88 *	69 *	63 *	98 *	115 *	94 *	138 *	87 *	105 *
13	104 *	61 *	105 *	78 *	67 *	62 *	99 *	120 *	92 *	116 *	88 *	98 *
14	102 *	61 *	81 *	73 *	65 *	62 *	98 *	113 *	91 *	112 *	86 *	94 *
15	97 *	60 *	98 *	71 *	64 *	63 *	97 *	107 *	91 *	145 *	86 *	91 *
16	90 *	62 *	77 *	71 *	61 *	61 *	105 *	101 *	91 *	112 *	91 *	91 *
17	99 *	61 *	76 *	71 *	61 *	61 *	112 *	101 *	88 *	105 *	93 *	91 *
18	102 *	63 *	75 *	71 *	62 *	61 *	114 *	106 *	88 *	99 *	91 *	91 *
19	98 *	62 *	74 *	85 *	62 *	95 *	102 *	110 *	89 *	107 *	93 *	97 *
20	97 *	61 *	81 *	85 *	63 *	92 *	105 *	108 *	94 *	101 *	93 *	97 *
21	95 *	60 *	103 *	105 *	62 *	82 *	100 *	102 *	89 *	98 *	98 *	95 *
22	93 *	59 *	118 *	96 *	60 *	82 *	112 *	98 *	89 *	98 *	99 *	90 *
23	95 *	61 *	97 *	93 *	63 *	79 *	104 *	98 *	88 *	86 *	104 *	87 *
24	92 *	62 *	94 *	84 *	62 *	82 *	110 *	98 *	87 *	85 *	98 *	
25	89 *	61 *	85 *	75 *	63 *	83 *	98 *	96 *	86 *	82 *	104 *	
26	88 *	63 *	82 *	73 *	64 *	84 *	97 *	93 *	86 *	79 *	99 *	84 *
27	87 *	64 *	82 *	74 *	64 *	82 *	97 *	91 *	84 *	80 *	96 *	82 *
28	84 *	62 *	81 *	71 *	63 *	82 *	96 *	93 *	88 *	84 *	93 *	82 *
29	87 *		96 *	71 *	66 *	79 *	96 *	95 *	89 *	84 *	85 *	83 *
30	86 *		85 *	73 *	66 *	79 *	94 *	97 *	90 *	82 *	85 *	81 *
31	77 *		79 *		65 *		95 *	97 *		81 *		81 *
Nivel Max.	107 *	77 *	140 *	113 *	81 *	100 *	118 *	180 *	98 *	180 *	109 *	
Día	18	1	22	21	8	19	18	9	20	12	23	
Hora	7	7	8	6	8	16	7	17	8	16	16	
Nivel Mín.	60 *	59 *	61 *	69 *	60 *	60 *	83 *	90 *	84 *	78 *	79 *	
Día	4	21	1	18	17	4	1	27	27	26	4	
Hora	17	17	6	16	7	7	8	7	17	17	16	
Nivel Medio	85	65	84	84	67	71	98	114	90	99	90	90

H471	CANNAR DJ RAURA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		70 *		93 *	135 *	75 *	78 *	60 *	60 *	40 *	100 *	140 *
2		70 *		105 *	155 *	80 *	90 *	60 *	55 *	40 *	90 *	140 *
3		75 *		105 *	125 *		85 *	60 *	55 *	40 *	85 *	140 *
4		75 *		145 *	125 *		80 *	60 *	55 *	40 *	80 *	140 *
5		80 *		90 *	130 *		80 *	60 *	55 *	40 *	80 *	125 *
6		80 *		90 *	195 *		85 *	55 *	40 *	40 *	80 *	120 *
7		80 *		90 *	130 *	75 *	90 *	55 *	40 *	40 *	80 *	90 *
8		90 *		95 *	115 *	80 *	180 *	55 *	40 *	40 *	80 *	90 *
9		90 *		95 *	140 *	80 *	150 *	55 *	40 *	40 *	83 *	95 *
10		90 *		100 *	150 *	75 *	115 *	55 *	40 *	40 *	90 *	100 *
11		90 *		90 *	150 *	70 *	100 *	55 *	40 *	40 *	80 *	100 *
12		90 *		90 *	160 *	73 *	90 *	55 *	40 *	40 *	80 *	100 *
13		90 *		95 *	160 *	73 *	88 *	50 *	40 *	40 *	85 *	100 *
14		90 *		100 *	160 *	68 *	83 *	50 *	40 *	45 *	85 *	100 *
15		90 *		100 *	160 *	63 *	80 *	50 *	40 *	48 *	90 *	100 *
16		99 *		100 *	160 *	60 *	80 *	50 *	40 *	48 *	90 *	100 *
17		99 *	160 *	110 *	150 *	60 *	80 *	50 *	50 *	60 *	100 *	100 *
18		90 *	180 *	110 *	150 *	60 *	80 *	50 *	50 *	60 *	120 *	100 *
19		90 *	175 *	110 *	150 *	60 *	75 *	50 *	50 *	60 *	105 *	95 *
20		85 *	160 *	115 *	150 *	60 *	68 *	45 *	45 *	60 *	120 *	90 *
21		85 *	155 *	115 *	140 *	60 *	60 *	45 *	45 *	60 *	138 *	90 *
22		80 *	160 *	115 *	140 *	60 *	60 *	45 *	45 *	70 *	145 *	90 *
23		80 *	160 *	110 *	140 *	60 *	60 *	45 *	45 *	70 *	153 *	90 *
24		90 *	160 *	110 *	140 *	63 *	60 *	45 *	45 *	70 *	160 *	90 *
25		100 *	160 *	110 *	145 *	65 *	60 *	45 *	45 *	70 *	230 *	90 *
26		95 *	160 *	110 *	140 *	65 *	60 *	40 *	50 *	70 *	280 *	85 *
27		95 *	105 *	110 *	130 *	70 *	60 *	50 *	50 *	75 *	250 *	80 *
28		100 *	100 *	110 *	100 *	70 *	60 *	70 *	50 *	85 *	235 *	80 *
29			110 *	105 *	100 *	65 *	60 *	95 *	50 *	100 *	170 *	80 *
30			100 *	100 *	100 *	65 *	60 *	98 *	40 *	105 *	150 *	80 *
31			100 *		100 *		60 *	85 *		110 *		75 *
Nivel Max.		100 *		170 *	200 *		230 *	100 *	60 *	120 *	280 *	140 *
Día		25		4	6		8	30	1	31	26	2
Hora		6		6	17		17	6	6	17	6	6
Nivel Mín.		70 *		90 *	100 *		60 *	40 *	40 *	40 *	80 *	70 *
Día		1		6	29		27	26	12	8	7	31
Hora		6		17	6		6	6	17	6	17	6
Nivel Medio		87		104	140	67	81	56	46	58	124	100

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H529	JUBONES DJ S.FRANCISCO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	87 *	103 *	181 *	88 *	485 *	96 *	164 *	75 *	95 *		92 *	115 *
2	90 *	102 *	184 *	79 *	475 *	95 *	161 *	73 *	92 *		93 *	118 *
3	95 *	104 *	181 *	76 *	455 *	99 *	163 *	66 *	82 *		93 *	117 *
4	95 *	105 *	178 *	78 *	435 *	102 *	162 *	64 *	87 *		95 *	115 *
5	90 *	106 *	174 *	80 *	410 *	91 *	152 *	58 *	85 *		98 *	113 *
6	98 *	108 *	169 *	83 *	411 *	82 *	153 *	59 *	81 *		102 *	111 *
7	96 *	110 *	165 *	91 *	395 *	71 *	161 *	55 *	84 *		107 *	109 *
8	101 *	112 *	151 *	240 *	389 *	62 *	173 *	66 *	80 *		111 *	107 *
9	103 *	114 *	150 *	295 *	291 *	52 *	171 *	150 *	77 *		115 *	105 *
10	107 *	113 *	148 *	277 *	297 *	54 *	162 *	140 *	73 *		112 *	103 *
11	111 *	113 *	165 *	115 *	346 *	54 *	151 *	130 *	69 *		115 *	104 *
12	114 *	110 *	172 *	191 *	291 *	61 *	141 *	110 *	68 *		108 *	101 *
13	113 *	109 *	284 *	201 *	288 *	59 *	139 *	110 *	63 *		105 *	95 *
14	110 *	112 *	292 *	182 *	276 *	61 *	135 *	90 *	60 *		101 *	98 *
15	108 *	117 *	302 *	186 *	190 *	64 *	121 *	89 *	58 *		117 *	96 *
16	110 *	117 *	304 *	186 *	187 *	61 *	119 *	77 *	55 *		119 *	94 *
17	112 *	195 *	233 *	176 *	178 *	59 *	114 *	79 *	65 *		123 *	93 *
18	112 *	216 *	230 *	175 *	101 *	59 *	111 *	76 *	62 *		122 *	97 *
19	114 *	211 *	227 *	163 *	102 *	63 *	109 *	78 *	61 *		135 *	99 *
20	113 *	209 *	223 *	151 *	105 *	66 *	106 *	68 *	61 *		132 *	101 *
21	111 *	203 *	121 *	152 *	100 *	70 *	104 *	65 *	64 *		160 *	103 *
22	109 *	185 *	142 *	149 *	98 *	81 *	102 *	75 *	60 *		145 *	109 *
23	107 *	176 *	131 *	146 *	94 *	93 *	95 *	82 *	63 *		117 *	105 *
24	106 *	171 *	121 *	133 *	94 *	96 *	98 *	89 *	65 *	60 *	121 *	107 *
25	109 *	185 *	102 *	121 *	93 *	105 *	96 *	205 *	67 *	90 *	124 *	109 *
26	105 *	193 *	103 *	123 *	91 *	95 *	94 *	200 *	66 *	108 *	121 *	111 *
27	107 *	199 *	101 *	125 *	98 *	88 *	89 *	188 *	64 *	121 *	119 *	114 *
28	107 *	205 *	95 *	120 *	104 *	92 *	87 *	183 *	61 *	131 *	117 *	117 *
29	105 *		93 *	157 *	103 *	97 *	85 *	175 *	59 *	101 *	115 *	119 *
30	103 *		93 *	174 *	101 *	101 *	80 *	163 *	56 *	91 *		201 *
31	102 *		91 *		98 *		77 *	152 *		91 *		202 *
Nivel Max.	115 *	220 *	305 *	300 *	490 *	109 *	175 *	206 *	100 *			202 *
Día	12	18	16	9	1	25	8	25	1			31
Hora	17	7	7	7	7	17	17	17	7			18
Nivel Mín.	86 *	101 *	90 *	75 *	90 *	50 *	76 *	50 *	54 *			90 *
Día	1	2	31	3	26	9	31	7	16			17
Hora	7	17	7	17	7	7	17	17	17			7
Nivel Medio	104	146	171	150	231	77	125	106	69		115	112

H530	JUBONES EN USHCURRUMI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	232 *	290 *	294 *	287 *	330 *	280 *	259 *	247 *	284 *	256 *	298 *	347 *
2	238 *	276 *	285 *	289 *	309 *	286 *	263 *	245 *	278 *	247 *	369 *	360 *
3	236 *	268 *	290 *	282 *	348 *	283 *	305 *	242 *	272 *	245 *	322 *	348 *
4	228 *	257 *	281 *	278 *	432 *	295 *	281 *	240 *	269 *	244 *	302 *	383 *
5	223 *	309 *	283 *	276 *	542 *	295 *	273 *	238 *	267 *	244 *	294 *	343 *
6	220 *	324 *	272 *	273 *	446 *	283 *	262 *	278 *	266 *	244 *	301 *	314 *
7	234 *	326 *	272 *	270 *	350 *	281 *	383 *	308 *	265 *	243 *	289 *	311 *
8	228 *	303 *	261 *	380 *	324 *	277 *	341 *	360 *	264 *	242 *	320 *	307 *
9	229 *	325 *	256 *	401 *	379 *	272 *	318 *	303 *	264 *	240 *	305 *	285 *
10	232 *	320 *	319 *	363 *	356 *	275 *	306 *	297 *	262 *	239 *	290 *	305 *
11	235 *	306 *	335 *	312 *	316 *	272 *	294 *	292 *	259 *	237 *	281 *	298 *
12	232 *	297 *	314 *	298 *	322 *	269 *	331 *	270 *	267 *	236 *	329 *	280 *
13	231 *	289 *	331 *	290 *	320 *	267 *		261 *	289 *	235 *	293 *	274 *
14	229 *	289 *	309 *	285 *	314 *	262 *	295 *	261 *	277 *	239 *	288 *	445 *
15	225 *	294 *	303 *	332 *	310 *	260 *	279 *	258 *	265 *	238 *	287 *	369 *
16	293 *	287 *	298 *	330 *	303 *	264 *	274 *	256 *	252 *	236 *	282 *	351 *
17	304 *	311 *	438 *	308 *	297 *	261 *	269 *	255 *	293 *	235 *		347 *
18	319 *	355 *	369 *	298 *	293 *	272 *	266 *	254 *	283 *	234 *	306 *	340 *
19	303 *	315 *	411 *	289 *	291 *	264 *	264 *	252 *	275 *	233 *	302 *	399 *
20	322 *	304 *	442 *		305 *	290 *	262 *	249 *	268 *	232 *	316 *	381 *
21	313 *	306 *	381 *	296 *	318 *	273 *	264 *	279 *	258 *	240 *	373 *	367 *
22	300 *	304 *	343 *	301 *	294 *	268 *	280 *	272 *	247 *	278 *	316 *	342 *
23	270 *	295 *	326 *	307 *	291 *	262 *	318 *	258 *	252 *	278 *	318 *	347 *
24	253 *	309 *	314 *	302 *	286 *	258 *	303 *	253 *	284 *	258 *	314 *	337 *
25	290 *	303 *	327 *	297 *		301 *	316 *	247 *	275 *	250 *	357 *	328 *
26	229 *	314 *	329 *	292 *	298 *	285 *	304 *	287 *	277 *	240 *	364 *	319 *
27	325 *		315 *	312 *	292 *	274 *	286 *	353 *	279 *	263 *	334 *	314 *
28	317 *		300 *	356 *	289 *	268 *	272 *	338 *	268 *	282 *	309 *	311 *
29	306 *		295 *	361 *	287 *	266 *	265 *	326 *	278 *	317 *	293 *	309 *
30	290 *		292 *	315 *	285 *	263 *	259 *	297 *	263 *	289 *	282 *	303 *
31	299 *		290 *		282 *		253 *	289 *		333 *		299 *
Nivel Max.	353 *		454 *			304 *		370 *	326 *	339 *		465 *
Día	27		17			25		8	17	31		14
Hora	7		18			18		7	18	7		7
Nivel Mín.	219 *		256 *			257 *		238 *	245 *	231 *		272 *
Día	6		9			24		5	22	20		13
Hora	18		18			18		7	7	18		18
Nivel Medio	264	303	318	309	327	274	288	276	270	252	311	334

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H531	CASACAY AJ JUBONES											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	51 *	51 *	70 *	85 *	96 *	71 *	71 *	57 *	55 *	60 *	85 *	94 *
2	44 *	54 *	86 *	86 *	92 *	71 *	71 *	59 *	55 *	57 *	82 *	99 *
3	36 *	51 *	63 *	86 *	91 *	71 *	69 *	59 *	55 *	60 *	82 *	98 *
4	40 *	54 *	62 *	83 *	87 *	100 *	69 *	59 *	59 *	64 *	100 *	105 *
5	39 *	59 *	70 *	82 *	85 *	81 *	69 *	59 *	58 *	59 *	86 *	99 *
6	42 *	62 *	68 *	80 *	84 *	79 *	68 *	59 *	67 *	60 *	85 *	96 *
7	39 *	81 *	67 *	85 *	81 *	79 *	68 *	58 *	72 *	60 *	94 *	95 *
8	36 *	75 *	66 *	76 *	79 *	79 *	67 *	58 *	65 *	61 *	107 *	91 *
9	36 *	68 *	65 *	75 *	78 *	71 *	67 *	57 *	63 *	59 *	99 *	100 *
10	35 *	68 *	64 *	77 *	78 *	71 *	67 *	57 *	61 *	59 *	101 *	92 *
11	42 *	68 *	65 *	76 *	77 *	71 *	66 *	57 *	58 *	59 *	97 *	103 *
12	45 *	64 *	66 *	75 *	76 *	72 *	65 *	56 *	58 *	59 *	93 *	101 *
13	39 *	60 *	67 *	77 *	75 *	70 *	66 *	56 *	58 *	59 *	99 *	103 *
14	37 *	58 *	66 *	77 *	75 *	70 *	66 *	57 *	58 *	71 *	86 *	110 *
15	50 *	57 *	86 *	79 *	75 *	70 *	64 *	60 *	60 *	60 *	83 *	109 *
16	45 *	57 *	94 *	80 *	77 *	72 *	64 *	57 *	60 *	60 *	82 *	109 *
17	42 *	57 *	109 *	85 *	79 *	71 *	64 *	58 *	58 *	60 *	80 *	109 *
18	49 *	74 *	101 *	78 *	78 *	71 *	63 *	60 *	57 *	58 *	81 *	107 *
19	60 *	66 *	113 *	79 *	78 *	71 *	62 *	61 *	56 *	57 *	88 *	139 *
20	65 *	63 *	110 *	81 *	75 *	71 *	62 *	59 *	57 *	71 *	92 *	122 *
21	55 *	62 *	103 *	78 *	74 *	70 *	62 *	60 *	58 *	62 *	110 *	118 *
22	44 *	61 *	95 *	84 *	74 *	69 *	61 *	57 *	58 *	61 *	103 *	112 *
23	45 *	61 *	89 *	91 *	73 *	69 *	61 *	57 *	57 *	60 *	101 *	111 *
24	45 *	61 *	89 *	94 *	73 *	68 *	59 *	56 *	57 *	65 *	119 *	110 *
25	45 *	65 *	108 *	84 *	73 *	76 *	60 *	57 *	55 *	65 *	108 *	110 *
26	58 *	63 *	104 *	83 *	74 *	73 *	60 *	57 *	65 *	64 *	100 *	106 *
27	51 *	61 *	99 *	94 *	72 *	77 *	59 *	57 *	58 *	64 *	98 *	108 *
28	62 *	62 *	93 *	107 *	73 *	73 *	59 *	56 *	60 *	67 *	95 *	107 *
29	57 *		89 *	102 *	73 *	71 *	60 *	56 *	58 *	92 *	93 *	107 *
30	53 *		86 *	100 *	70 *	71 *	63 *	55 *	58 *	82 *	91 *	106 *
31	53 *		84 *		71 *		60 *	55 *		85 *		105 *
Nivel Max.	72 *	86 *	120 *	110 *	97 *	116 *	72 *	63 *	74 *	101 *	128 *	164 *
Día	20	7	25	28	1	4	1	19	6	29	24	19
Hora	7	7	7	7	7	7	7	7	7	7	17	17
Nivel Mín.	34 *	50 *	60 *	71 *	70 *	67 *	58 *	54 *	54 *	57 *	80 *	90 *
Día	10	3	1	8	30	22	28	1	25	19	3	8
Hora	17	17	7	17	7	17	17	17	17	7	7	17
Nivel Medio	46	62	84	84	78	73	64	57	59	64	94	106

H573	SANTA ROSA EN EL VADO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0 *	0 *	25 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	15 *	190 *
2	0 *	0 *	25 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	15 *	170 *
3	0 *	0 *	25 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	15 *	153 *
4	0 *	0 *	25 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	15 *	147 *
5	0 *	0 *	25 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	15 *	145 *
6	0 *	0 *	25 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	15 *	143 *
7	0 *	0 *	25 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	363 *	141 *
8	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	357 *	137 *
9	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	357 *	133 *
10	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	357 *	129 *
11	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	357 *	125 *
12	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	357 *	116 *
13	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	368 *	106 *
14	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	359 *	98 *
15	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	357 *	92 *
16	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	354 *	83 *
17	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	352 *	78 *
18	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	346 *	69 *
19	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	342 *	62 *
20	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	337 *	55 *
21	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	331 *	49 *
22	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	324 *	47 *
23	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	319 *	45 *
24	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	315 *	41 *
25	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	309 *	37 *
26	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	307 *	33 *
27	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	293 *	29 *
28	0 *	0 *	24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	278 *	25 *
29	0 *		24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	263 *	23 *
30	0 *		24 *	22 *	20 *	19 *	17 *	15 *	10 *	9 *	253 *	21 *
31	0 *		24 *		20 *		17 *	15 *		9 *		19 *
Nivel Max.	0 *	0 *	25 *	23 *	20 *	19 *	17 *	15 *	10 *	9 *	370 *	200 *
Día	1	1	1	1	1	1	1	1	1	14	13	1
Hora	7	7	7	7	7	7	7	7	7	7	7	7
Nivel Mín.	0 *	0 *	23 *	21 *	19 *	18 *	16 *	14 *	9 *	8 *	14 *	18 *
Día	2	2	10	2	2	2	2	2	2	17	3	31
Hora	7	7	18	18	18	24	18	18	18	18	18	18
Nivel Medio	0	0	24	22	20	19	17	15	10	9	268	88

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H574	ARENILLAS EN ARENILLAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	39 *	35 *	39 *	42 *	37 *	24 *	36 *	38 *	39 *	37 *	38 *	40 *
2	39 *	35 *	38 *	42 *	37 *	24 *	36 *	38 *	39 *	39 *	38 *	40 *
3	39 *	35 *	38 *	41 *	37 *	24 *	36 *	38 *	39 *	39 *	38 *	40 *
4	39 *	36 *	38 *	41 *	37 *	24 *	36 *	38 *	38 *	39 *	38 *	40 *
5	39 *	36 *	38 *	41 *	37 *	24 *	36 *	38 *	38 *	39 *	38 *	40 *
6	38 *	37 *	37 *	41 *	38 *	24 *	36 *	38 *	38 *	39 *	38 *	40 *
7	38 *	38 *	37 *	41 *	38 *	24 *	36 *	38 *	38 *	39 *	40 *	51 *
8	38 *	39 *	37 *	41 *	37 *	24 *	36 *	38 *	38 *	39 *	40 *	52 *
9	38 *	39 *	36 *	40 *	37 *	24 *	36 *	38 *	38 *	39 *	52 *	52 *
10	38 *	39 *	36 *	40 *	37 *	24 *	36 *	38 *	38 *	39 *	40 *	52 *
11	37 *	39 *	36 *	40 *	37 *	24 *	36 *	38 *	38 *	39 *	40 *	52 *
12	37 *	39 *	36 *	40 *	37 *	24 *	36 *	38 *	38 *	39 *	40 *	52 *
13	37 *	38 *	36 *	40 *	36 *	29 *	36 *	38 *	38 *	37 *	40 *	52 *
14	37 *	38 *	36 *	40 *	35 *	34 *	34 *	38 *	38 *	37 *	40 *	52 *
15	37 *	37 *	36 *	40 *	35 *	34 *	34 *	38 *	38 *	37 *	40 *	52 *
16	37 *	37 *	36 *	40 *	34 *	34 *	34 *	38 *	38 *	37 *	40 *	40 *
17	36 *	37 *	45 *	40 *	33 *	35 *	34 *	38 *	38 *	37 *	40 *	40 *
18	36 *	38 *	45 *	40 *	33 *	35 *	34 *	38 *	24 *	37 *	40 *	40 *
19	36 *	38 *	45 *	39 *	31 *	35 *	34 *	38 *	24 *	37 *	40 *	40 *
20	36 *	39 *	44 *	39 *	31 *	35 *	34 *	38 *	24 *	37 *	40 *	40 *
21	36 *	39 *	44 *	39 *	30 *	35 *	38 *	39 *	24 *	37 *	53 *	40 *
22	36 *	39 *	44 *	38 *	30 *	35 *	38 *	39 *	24 *	38 *	53 *	53 *
23	36 *	39 *	43 *	38 *	28 *	35 *	38 *	39 *	24 *	38 *	53 *	53 *
24	36 *	39 *	43 *	38 *	26 *	36 *	38 *	39 *	24 *	38 *	52 *	60 *
25	36 *	39 *	43 *	38 *	26 *	36 *	38 *	39 *	37 *	38 *	52 *	72 *
26	36 *	39 *	43 *	38 *	26 *	36 *	38 *	39 *	37 *	38 *	52 *	84 *
27	36 *	39 *	42 *	38 *	26 *	36 *	38 *	39 *	37 *	37 *	52 *	84 *
28	36 *	39 *	42 *	38 *	26 *	36 *	38 *	39 *	37 *	37 *	52 *	84 *
29	35 *		42 *	38 *	26 *	36 *	38 *	39 *	37 *	37 *	52 *	102 *
30	35 *		42 *	38 *	26 *	36 *	38 *	39 *	37 *	50 *	46 *	100 *
31	35 *		42 *		26 *		38 *	39 *		37 *		104 *
Nivel Max.	39 *	39 *	45 *	42 *	38 *	36 *	38 *	39 *	39 *	50 *	53 *	104 *
Día	1	7		1	6	24	21	21	1	30	21	31
Hora	7	17	7	7	7	17	7	7	7	7	7	7
Nivel Mín.	35 *	35 *	36 *	38 *	26 *	24 *	34 *	38 *	24 *	37 *	38 *	40 *
Día	28	1	9	22	24	1	14	1	18	1	1	1
Hora	17	7	7	7	7	7	7	7	7	7	7	7
Nivel Medio	37	38	40	40	33	31	36	38	35	38	44	56

H587	PINDO AJ AMARILLO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	26	70	52	72	97	61	51	39	24	23	57	83
2	24	67	56	73	93	61	53	38	23	22	53	85
3	20	62	55	68	94	61	51	38	24	22	49	91
4	22	66	58	65	91	68	49	38	24	20	47	102
5	23	73	62	63	94	65	49	38	23	21	48	88
6	26	73	55	62	88	61	48	37	23	21	48	81
7	29	74	54	59	83	62	49	37	23	18	45	76
8	27	69	50	59	80	59	49	38	23	16	47	74
9	24	69	48	57	80	58	48	37	23	16	42	74
10	24	76	47	55	78	57	47	38	23	20	39	74
11	33	74	46	55	76	56	47	38	22	27	43	78
12	33	69	46	52	83	56	47	31	22	21	68	98
13	30	63	46	53	85	56	46	27	22	22	51	104
14	29	60	43	63	81	55	45	27	23	21	41	132
15	32	60	51	86	79	55	45	27	22	20	44	108
16	50	66	61	96	90	56	44	26	21	18	43	100
17	57	70	78	79	92	58	43	26	21	21	48	99
18	65	85	103	72	82	56	44	27	20	21	64	95
19	81	75	99	65	80	57	43	26	19	21	60	166
20	92	71	130	68	76	56	42	27	20	21	65	131
21	90	68	124	67	74	54	42	26	24	21	80	118
22	82	67	106	70	72	54	42	25	28	26	88	135
23	68	63	93	75	71	52	42	24	20	22	83	106
24	64	62	86	73	69	59	41	26	29	21	87	96
25	79	60	111	95	69	60	42	25	23	22	99	90
26	83	57	95	97	67	55	41	24	33	26	84	88
27	85	57	88	107	67	53	41	25	37	48	79	83
28	86	55	80	105	66	53	41	29	28	59	77	83
29	89		78	129	63	53	41	26	22	54	79	85
30	78		74	112	62	51	40	26	20	68	94	85
31	80		70		62		41	24		55		80
Nivel Max.	121	116	140	231	177	94	56	41	66	136	166	246
Día	16	17	20	29	16	24	2	1	26	29	21	22
Hora	20.3	23	0.5	18.3	19.1	19.2	4.3	7.4	18.1	21.2	21.3	0.2
Nivel Mín.	19	54	43	51	61	51	39	22	18	15	37	67
Día	5	28	15	13	31	30	30	23	23	8	11	10
Hora	14	20.3	16.1	18.5	22.3	12	23.4	21.4	17.1	22.5	8.2	18.3
Nivel Medio	53	67	72	75	79	57	45	30	24	27	62	96

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H589	PUYANGO AJ MARCABELI										PREDESUR	
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	84	128	122	129	168				82	83	141	161
2	83	123	123	133	160				83	82	138	156
3	82	124	128	127	153				82	83	137	157
4	83	120	124	125	148				85	80	131	166
5	84	135	147	121	145				83	81	146	161
6	86	134	143	118	141				81	81	144	155
7	89	145	139	118	135				81	79	141	151
8	88	141	134	122	133				82	76	151	148
9	86	132	132	119	132				82	74	142	150
10	86	149	131	116	130				84	74	139	148
11	88	149	130	115	128				81	76	135	154
12	92	143	127	114	128				79	79	161	162
13	91	139	129	117	126				80	78	151	171
14	92	136	126	124	123			79	82	77	142	203
15	93	131	128	155	124			79	83	77	143	182
16	94	130	144	173	132			80	80	76	139	189
17	123	138	163	146	135			82	79	76	138	172
18	117	155	180	141	125			83	79	74	148	173
19	128	143	185	134	122			84	77	75	145	269
20	148	138	210	133	121			83	79	74	164	231
21	144	136	195	137	119			82	79	74	173	209
22	140	135	174	140	118			82	83	80	169	207
23	127	132	160	146				81	82	79	157	181
24	117	130	153	141				82	83	77	161	170
25	129	129	185	167				82	82	79	177	163
26	144	128	159	168				82	80	82	164	163
27	146	127	143	182				82	97	86	159	155
28	146	127	139	177				81	85	128	155	153
29	153		134	213				82	85	133	151	160
30	141		130	187				82	83	145	159	157
31	137		128					82		128		163
Nivel Max.	156	168	222	255					109	151	180	342
Día	29	18	20	29					27	30	25	19
Hora	3.2	10	3.3	18.1					9.3	4.5	8.2	17
Nivel Mín.	81	119	121	113					76	73	126	144
Día	11	4	1	12					19	21	2	10
Hora	3.5	7.1	16.5	21.4					10.4	8.3	22.3	16.2
Nivel Medio	111	135	147	141	134				82	85	150	172

H591	PUYANGO EN CPTO.MILITAR (PTE.CARRET										INAMHI	
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	43	114	102	127	190	109	75 *				121	151 *
2	39	109	102	113	172	110	76 *				112	141 *
3	46	108	126	111	160	103	72 *				116	137 *
4	50	103	108	110	151	105	72 *				105	165 *
5	68	114	140	116	161	105	70 *				140	162 *
6	82	105	124	129	165	102	69 *				131	140 *
7	117	127	137	121	163	103	66 *				141	129 *
8	91	133	146	114	153	102	63 *				142	129 *
9	90	115	131	118	146	92	66 *				126	137 *
10	88	143	136	115	134	95	66 *				122	148 *
11	53	137	149	121	128	94	65 *				122	167 *
12	41	126	148	116	122	89	64 *				155	194 *
13	49	118	173	102	127	81	62 *				132	190 *
14	59	113	157	119	121	86 *	60 *				121	292 *
15	44	111	150	190	120	82 *	61 *				114	231 *
16	52	106	165	191	113	89 *	59 *				105	230 *
17	90	123	193	146	137	99 *	57 *				103	202 *
18	91	162	226	136	116	86 *	56 *				134	199 *
19	92	133	218	124	114	94 *	55 *				121	335 *
20	139	123	225	131	118	96 *	56 *				168	303 *
21	134	117	216	137	126	83 *	55 *				196	280 *
22	123	115	182	151	146	85 *	54 *				194	246 *
23	110	113	159	151	147	87 *	53 *				158	204 *
24	93	109	144	149	127	83 *	52 *				158	193 *
25	109	108	174	190	122	87 *	51 *				192	193 *
26	129	106	153	192	117	91 *	50 *				168	187 *
27	136	102	135	213	114	81 *	49 *				157	184 *
28	137	104	125	213	116	83 *	50 *			105	146	185 *
29	145		140	240	109	78 *	48 *			125	146 *	191 *
30	123		124	227	108	76 *	49 *			149	157 *	180 *
31	115		130		113		49 *			104		170 *
Nivel Max.	161	184	239	256	191	115 *	77 *				223	348 *
Día	29	18	18	29	1	4	2				22	14
Hora	2.4	6.2	13.2	17.4	11.5	7	17				2.4	7
Nivel Mín.	36	96	100	100	106	76	48 *				94 *	128 *
Día	2	4	1	13	30	13	27				16	8
Hora	9.1	22	0.4	23.2	0.5	23	7				7	7
Nivel Medio	90	118	153	147	134	92	59				140	193

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H616	ALAMOR EN SAUCILLO(DJ CELICA)											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	83	88	88	121	127	112	104	93	86 *	93 *	102	100
2	83	91	92	120	126	113	102	89	87 *	93 *	98	104
3	81	92	102	111	129	110	102	97	87 *	92 *	97	100
4	79	91	89	116	126	112	101	92	95 *	92 *	107	106
5	80	90	98	112	134	112	101	95	95 *	92 *	116	123
6	86	107	102	118	117	109	101	95	94 *	91 *	116	115
7	102	97	105	122	122	110	101	96	90 *	91 *	128	108
8	96	97	106	116	119	110	99	93	92 *	91 *	114	105
9	88	96	102	118	123	109	101	95	92 *	90 *	128	111
10	89	94	93	120	121	107	100	93	92 *	90 *	125	106
11	84	91	92	124	119	107	99	93	92 *	90 *	119	171
12	84	93	94	121	120	106	99	89	91 *	99 *	112	156
13	78	92	91	113	116	105	100	90	90 *	92 *	107	259
14	80	113	91	116	121	107	98	92	90 *	91 *	103	240
15	85	135	94	121	131	106	96	90	91 *	94 *	100	300
16	99	124	113	178	116	105	97	91	91 *	90 *	102	173
17	102	101	207	160	117	107	96	91	90 *	90 *	100	254
18	97	130	263	128	116	105	91	92	90 *	89 *	104	185
19	93	122	159	122	115	104	93	89	90 *	89 *	101	307
20	94	105	205	124	115	102	92	92	90 *		138	348
21	91	96	195	134	114	103	92	89 *	91 *	92 *	134	318
22	94	92	150	143	116	105	92	88 *	91 *	89 *	109	183
23	89	90	127	164	125	105	91	88 *	91 *	88 *	111	163
24	85	96	120	150	114	102	91	87 *	98 *	88 *	110	155
25	94	95	133	192	114	104	91	87 *	98 *	88 *	107	149
26	93	89	122	154	115	104	92	87 *	92 *	88 *	109	148
27	86	92	128	132	114	102	93	87 *	93 *	89 *	108	144
28	85	91	145	126	114	102	91	86 *	97 *		107	160
29	89		134	142	112	103	92	86 *	93 *	94	104	141
30	83		132	145	113	103	93	86 *	92 *	99	102	161
31	88		128		112		93	86 *		108		152
Nivel Max.	112	149	420	307	158	114	105	104	101 *		161	514
Día	7	18	18	25	14	2	16	3	24		20	15
Hora	14.4	10.5	7	1.3	22.5	13.5	7.2	3.3	7		4.2	3.2
Nivel Mín.	75	81	85	101	109	99	88	84	86 *		96	97
Día	13	11	4	15	30	27	22	12	1		2	3
Hora	15.4	18.5	10.3	4.1	22.2	11.4	22.1	5.3	6		16.1	19.3
Nivel Medio	88	100	126	132	119	106	96	90	92	92	111	172

H617	ARENAL EN PTE.BOQUERON											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	57	89	99	66	57	53	60			32		
2	56	100	106	64	48	55	55			37		
3	52	98	97	65	107	54	49			38		
4	51	97	101	65	99	43	41			32		
5	55	94	85	71	107	43	40			38		
6	69	89	63	69	87	44	45			43		
7	61	89	77	65	63	46	54			44		
8	65	87	73	61	62	43	73			42		
9	67	118	58	100	73	49	73			37		
10	60	103	71	70	85	50	50			35		
11	56	98	87	53	70	54	41			32		
12	60	89	84	46	63	56	36			30		
13	66	92	79	84	56	53	39			26		
14	65	99	76	75	55	43	85		46	22		
15	72	107	77	66	60	40	74		48	29		
16	76	116	78	74	55	33	83		59	27		
17	68	109	73	79	59	38	101		55	30		
18	68	116	72	98	55	32	76		52	28		
19	73	118	94	106	76	54	66		49	30		
20	74	113	75	104	66	56	53		48	56		
21	79	113	83	105	87	48	59		51	49		
22	81	109	66	78	76	60	49		52	43		
23	86	106	61	81	61	64	45		49	40		
24	90	93	64	75	52	49	42		40	37		
25	96	92	68	74	68	42	42		32	41		
26	95	118	74	78	77	46	48		38	45		
27	86	97	69	70	57	52	44		41	37		
28	78	123	69	77	51	54	40		42	52		
29	79		70	85	54	59	34		38			
30	80		66	59	49	63			36			
31	87		64		48							
Nivel Max.	97	131	111	122	129	78						
Día	25	22	19	9	4	22						
Hora	19.5	19.1	17.3	6.2	21.1	11.5						
Nivel Mín.	48	84	37	32	44	31						
Día	4	27	9	12	2	18						
Hora	19.2	17	11.2	6.4	16.1	15.1						
Nivel Medio	71	103	77	75	67	49	55			37		

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H619	CANAL ARENAL											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	85 *	85 *	90 *	95 *	75 *	72 *						
2	88 *	85 *	95 *	94 *	74 *	73 *						
3	90 *	84 *	95 *	93 *	73 *	73 *						
4	88 *	85 *	85 *	94 *	74 *	73 *						
5	85 *	85 *	84 *	93 *	75 *	75 *						
6	85 *	92 *	83 *	85 *	85 *	75 *						
7	85 *	93 *	84 *	85 *	85 *	78 *						
8	85 *	93 *	84 *	85 *	90 *	83 *						
9	88 *	95 *	85 *	75 *	95 *	84 *						
10	92 *	95 *	90 *	75 *	93 *	85 *						
11	93 *	90 *	90 *	85 *	92 *	80 *						
12	90 *	92 *	93 *	85 *	87 *	75 *						
13	93 *	94 *	93 *	85 *	83 *	73 *						
14	93 *	88 *	95 *	85 *	75 *	73 *						
15	90 *	85 *	95 *	75 *	74 *	74 *						
16	90 *	85 *	85 *	75 *	73 *	75 *						
17	85 *	85 *	90 *	80 *	73 *	75 *						
18	85 *	95 *	90 *	75 *	74 *	75 *						
19	85 *	94 *	93 *	75 *	74 *	74 *						
20	85 *	93 *	95 *	80 *	70 *	74 *						
21	84 *	92 *	85 *	85 *	73 *	80 *						
22	83 *	95 *	85 *	85 *	75 *	82 *						
23	83 *	85 *	90 *	85 *	80 *	83 *						
24	84 *	85 *	95 *	75 *	83 *	83 *						
25	88 *	80 *	95 *	75 *	84 *	85 *						
26	92 *	75 *	90 *	75 *	85 *	85 *						
27	93 *	75 *	85 *	75 *	75 *	85 *						
28	95 *	78 *	85 *	80 *	73 *	85 *						
29	80 *		90 *	85 *	73 *	75 *						
30	83 *		93 *	75 *	73 *	75 *						
31	84 *		95 *		72 *							
Nivel Max.	95 *	95 *	95 *	95 *	95 *	85 *						
Día	13	9	2	1	9	10						
Hora	17	7	7	7	8	8						
Nivel Mín.	80 *	75 *	83 *	75 *	70 *	72 *						
Día	29	25	5	9	20	1						
Hora	7	17	17	7	8	8						
Nivel Medio	87	88	90	82	79	78						

H621	JORUPE EN AMALUZA											PREDESUR
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	18 *	20 *	43 *	18 *	41 *	36 *	54 *	15 *	18 *	28 *	33 *	32 *
2	18 *	20 *	35 *	20 *	35 *	33 *	60 *	15 *	19 *	19 *	34 *	54 *
3	18 *	20 *	32 *	20 *	80 *	31 *	32 *	12 *	25 *	19 *	35 *	38 *
4	17 *	19 *	33 *	18 *	79 *	23 *	28 *	20 *	29 *	19 *	43 *	32 *
5	15 *	40 *	32 *	20 *	60 *	20 *	31 *	39 *	27 *	14 *	31 *	23 *
6	20 *	45 *	30 *	20 *	53 *	19 *	75 *	41 *	23 *	14 *	47 *	33 *
7	19 *	38 *	28 *	48 *	39 *	20 *	63 *	63 *	23 *	12 *	45 *	39 *
8	15 *	39 *	47 *	84 *	46 *	19 *	72 *	61 *	20 *	14 *	49 *	56 *
9	17 *	39 *	58 *	57 *	63 *	18 *	62 *	47 *	19 *	20 *	39 *	43 *
10	17 *	41 *	73 *	42 *	54 *	18 *	43 *	41 *	19 *	19 *	31 *	37 *
11	17 *	38 *	67 *	42 *	43 *	18 *	46 *	32 *	24 *	18 *	25 *	32 *
12	15 *	38 *	59 *	70 *	37 *	18 *	39 *	24 *	27 *	16 *	76 *	23 *
13	15 *	38 *	69 *	59 *	35 *	20 *	35 *	20 *	30 *	15 *	43 *	25 *
14	19 *	43 *	54 *	49 *	35 *	19 *	31 *	20 *	29 *	15 *	30 *	38 *
15	37 *	47 *	47 *	40 *	39 *	19 *	23 *	18 *	34 *	15 *	20 *	57 *
16	47 *	51 *	43 *	38 *	34 *	35 *	18 *	18 *	47 *	13 *	15 *	46 *
17	41 *	49 *	57 *	34 *	34 *	44 *	15 *	18 *	53 *	12 *	15 *	38 *
18	47 *	50 *	53 *	35 *	38 *	49 *	14 *	20 *	25 *	12 *	15 *	38 *
19	43 *	46 *	44 *	33 *	45 *	57 *	10 *	18 *	22 *	11 *	13 *	35 *
20	43 *	44 *	61 *	32 *	50 *	43 *	10 *	24 *	23 *	18 *	14 *	30 *
21	31 *	54 *	65 *	23 *	55 *	32 *	15 *	50 *	30 *	10 *	25 *	25 *
22	21 *	59 *	42 *	28 *	44 *	24 *	18 *	47 *	52 *	42 *	35 *	38 *
23	20 *	83 *	36 *	47 *	35 *	20 *	28 *	33 *	41 *	32 *	39 *	57 *
24	20 *	64 *	33 *	44 *	46 *	18 *	42 *	32 *	38 *	28 *	36 *	47 *
25	20 *	78 *	46 *	33 *	68 *	15 *	59 *	25 *	29 *	24 *	63 *	58 *
26	20 *	48 *	37 *	33 *	41 *	15 *	43 *	42 *	34 *	20 *	69 *	46 *
27	43 *	54 *	30 *	41 *	34 *	16 *	33 *	55 *	42 *	20 *	42 *	39 *
28	53 *	73 *	24 *	45 *	36 *	18 *	23 *	38 *	38 *	53 *	34 *	33 *
29	39 *		20 *	62 *	32 *	22 *	19 *	24 *	33 *	33 *	30 *	30 *
30	28 *		19 *	47 *	28 *	33 *	15 *	20 *	28 *	49 *	27 *	31 *
31	20 *		16 *		25 *		15 *	19 *		37 *		42 *
Nivel Max.	65 *	85 *	75 *	87 *	95 *	60 *	80 *	65 *	60 *	65 *	95 *	65 *
Día	28	25	10	8	3	19	6	7	17	30	12	25
Hora	17	7	7	7	7	7	7	7	7	17	7	17
Nivel Mín.	15 *	18 *	16 *	18 *	25 *	15 *	10 *	12 *	18 *	10 *	10 *	20 *
Día	5	4	31	1	31	25	20	3	1	19	19	12
Hora	7	7	17	17	17	17	17	7	7	17	7	17
Nivel Medio	26	45	43	39	44	26	34	31	30	21	35	38

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H625	ALAMOR EN PTE.MERCADILLO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	40 *	47 *	60 *	47 *	83 *	61 *	58 *	53 *	41 *	50 *	64 *	65 *
2	40 *	47 *	60 *	47 *	80 *	61 *	58 *	53 *	41 *	50 *	63 *	65 *
3	40 *	47 *	60 *	59 *	78 *	61 *	58 *	52 *	41 *	50 *	63 *	65 *
4	40 *	46 *	60 *	50 *	75 *	60 *	58 *	52 *	41 *	50 *	63 *	64 *
5	50 *	46 *	59 *	50 *	74 *	60 *	57 *	51 *	51 *	49 *	62 *	64 *
6	51 *	45 *	59 *	49 *	73 *	60 *	57 *	51 *	55 *	49 *	62 *	64 *
7	50 *	58 *	59 *	48 *	73 *	60 *	57 *	50 *	54 *	49 *	62 *	64 *
8	50 *	59 *	59 *	48 *	72 *	60 *	57 *	50 *	54 *	49 *	61 *	72 *
9	49 *	58 *	59 *	47 *	71 *	60 *	57 *	50 *	53 *	49 *	61 *	70 *
10	49 *	58 *	58 *	47 *	71 *	60 *	57 *	49 *	53 *	55 *	61 *	70 *
11	48 *	57 *	58 *	46 *	70 *	60 *	57 *	49 *	53 *	55 *	61 *	70 *
12	48 *	57 *	74 *	46 *	70 *	60 *	57 *	48 *	52 *	55 *	60 *	69 *
13	47 *	56 *	60 *	46 *	69 *	60 *	57 *	48 *	52 *	55 *	60 *	69 *
14	47 *	56 *	90 *	45 *	69 *	60 *	56 *	47 *	52 *	54 *	60 *	69 *
15	46 *	56 *	80 *	45 *	68 *	60 *	56 *	47 *	52 *	53 *	59 *	69 *
16	46 *	55 *	73 *	98 *	68 *	60 *	56 *	46 *	51 *	53 *	59 *	69 *
17	46 *	78 *	71 *	145 *	67 *	59 *	56 *	46 *	51 *	53 *	59 *	69 *
18	46 *	65 *	70 *	100 *	66 *	59 *	56 *	45 *	51 *	62 *	59 *	68 *
19	45 *	50 *	70 *	150 *	66 *	59 *	56 *	45 *	51 *	60 *	58 *	68 *
20	45 *	49 *	85 *	95 *	65 *	59 *	56 *	44 *	51 *	60 *	69 *	75 *
21	46 *	49 *	83 *	85 *	65 *	59 *	56 *	44 *	51 *	59 *	67 *	74 *
22	45 *	48 *	80 *	78 *	65 *	59 *	56 *	43 *	51 *	59 *	67 *	73 *
23	66 *	48 *	79 *	75 *	65 *	59 *	56 *	43 *	51 *	59 *	66 *	72 *
24	49 *	48 *	78 *	73 *	65 *	59 *	55 *	43 *	51 *	59 *	66 *	70 *
25	48 *	48 *	78 *	70 *	64 *	59 *	55 *	42 *	51 *	58 *	66 *	70 *
26	48 *	48 *	77 *	68 *	64 *	59 *	55 *	42 *	51 *	58 *	66 *	70 *
27	48 *	47 *	77 *	65 *	63 *	58 *	55 *	42 *	50 *	64 *	65 *	70 *
28	48 *	47 *	99 *	65 *	63 *	58 *	54 *	42 *	50 *	65 *	65 *	75 *
29	48 *		115 *	64 *	62 *	58 *	54 *	42 *	55 *	64 *	65 *	71 *
30	47 *		88 *	63 *	62 *	58 *	54 *	41 *	57 *	64 *	65 *	71 *
31	47 *				62 *		53 *	41 *		64 *		70 *
Nivel Max.	86 *	100 *		200 *	85 *	61 *	58 *	53 *	60 *	70 *	80 *	75 *
Día	23	17		17	1	1	1	1	5	18	20	20
Hora	17	18		18	6	6	6	6	18	18	18	6
Nivel Mín.	40 *	45 *		45 *	61 *	58 *	53 *	41 *	41 *	49 *	58 *	64 *
Día	1	5		15	31	25	30	29	1	4	18	4
Hora	6	18		6	18	18	18	18	6	18	18	6
Nivel Medio	47	52	72	67	68	59	56	46	51	56	63	69

H627	UCHIMA AJ CHAMBA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	60 *	91 *	88 *	65 *	60 *	53 *	40 *	45 *			
2	43 *	65 *	92 *	90 *	60 *	63 *	60 *	49 *	45 *			
3	40 *	60 *	78 *	90 *	60 *	65 *	75 *	63 *	45 *			
4	60 *	70 *	71 *	80 *	58 *	70 *	80 *	70 *	45 *			
5	58 *	70 *	69 *	80 *	55 *	75 *	84 *	65 *	45 *			
6	40 *	73 *	69 *	75 *	51 *	83 *	87 *	60 *	41 *			
7	38 *	60 *	72 *	70 *	50 *	95 *	93 *	59 *	40 *			
8	38 *	58 *	74 *	70 *	55 *	85 *	110 *	62 *	40 *			
9	38 *	80 *	71 *	78 *	58 *	75 *	96 *	70 *	40 *			
10	38 *	70 *	72 *	83 *	61 *	70 *	80 *	71 *	40 *			
11	38 *	60 *	70 *	90 *	65 *	68 *	73 *	65 *	40 *			
12	38 *	63 *	70 *	93 *	71 *	63 *	63 *	58 *	40 *			
13	37 *	55 *	79 *	80 *	75 *	60 *	60 *	46 *	40 *			
14	49 *	55 *	78 *	75 *	74 *	58 *	55 *	44 *	38 *			
15	85 *	105 *	85 *	85 *	70 *	58 *	50 *	45 *	38 *			
16	93 *	93 *	86 *	80 *	69 *	57 *	50 *	50 *	36 *			
17	105 *	70 *	84 *	70 *	65 *	57 *	45 *	50 *	85 *			
18	88 *	68 *	82 *	68 *	60 *	73 *	45 *	50 *	73 *			
19	88 *	65 *	80 *	60 *	64 *	83 *	40 *	50 *	63 *			
20	80 *	80 *	80 *	60 *	68 *	95 *	40 *	85 *	53 *			
21	68 *	125 *	87 *	63 *	74 *	100 *	50 *	70 *	43 *			
22	63 *	115 *	87 *	70 *	75 *	88 *	65 *	63 *	35 *			
23	53 *	90 *	91 *	70 *	79 *	78 *	73 *	53 *	70 *			
24	50 *	105 *	90 *	70 *	75 *	74 *	75 *	40 *	85 *			
25	50 *	90 *	88 *	73 *	68 *	68 *	68 *	43 *	68 *			
26	63 *	125 *	87 *	78 *	58 *	63 *	58 *	53 *	60 *			
27	60 *	95 *	78 *	73 *	50 *	55 *	50 *	80 *	53 *			
28	63 *	90 *	74 *	75 *	55 *	52 *	48 *	60 *	43 *			
29	58 *		77 *	75 *	59 *	51 *	45 *	53 *	35 *			
30	50 *		80 *	68 *	60 *	50 *	41 *	45 *	35 *			
31	50 *		80 *		59 *		40 *	45 *				
Nivel Max.	120 *	150 *	92 *	95 *	80 *	100 *	120 *	90 *	90 *			
Día	17	21	2	12	23	7	8	20	17			
Hora	17	17	17	17	17	18	18	18	17			
Nivel Mín.	37 *	50 *	68 *	60 *	50 *	50 *	40 *	40 *	35 *			
Día	12	1	5	19	7	30	19	1	29			
Hora	18	8	17	8	8	7	7	8	18			
Nivel Medio	57	79	80	76	63	70	63	57	48			

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H718	QUIJOS EN BAEZA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	64	56	72	47	51		158	115	96	73	56	59
2	64	47	64	49	60		148	121	86	72	59	77
3	64	46	62	47	75		135	115	101	73	73	84
4	64	46	60	47	104		125	113	85	73	64	63
5	64	47	57	46	96		141	115	79	71	59	60
6	64	47	54	48	87		138	126	76	66	66	61
7	63	46	51	51	76		167	146	87	62	65	73
8	63	61	56	51	82		176	149	83	62	73	94
9	63	59	67	69	78		151	130	80	59	65	81
10	63	51	83	65	112		139	126	75	56	58	70
11	64	72	85	55			142	119	78	57	57	62
12	64	79	90	61			143	115	82	57	57	62
13	64	77	87	83			138	112	84	60	65	60
14	64	62	85	64			131	113	83	58	73	59
15	64	71	75	58			129	114	74	58	63	63
16	63	77	67	52			126	111	74	57	61	59
17	63	64	68	51			125	111	77	61	68	58
18	63	57	83	66			122	113	74	85	79	56
19	63	53	75	58		149	118	108	72	65	63	56
20	68	50	85	56		123	124	112	75	57	59	56
21	76	49	77	55		121	125	123	71	57	60	57
22	65	65	65	52		114	122	115	72	56	67	58
23	64	104	61	49		113	135	109	79	56	63	67
24	64	88	58	66		113	141	105	90	57	60	80
25	64	115	58	72		117	144	106	84	57	63	100
26	64	84	59	56		115	138	116	85	56	83	81
27	55	99	54	52		113	127	131	79	57	74	63
28	46	86	52	55		109	123	111	96	56	70	61
29	44		51	62		108	118	127	83	57	64	58
30	47		52	54		120	116	107	79	57	61	58
31	60		50				114	97		56		70
Nivel Max.	86	141	100	100			194	157	112	105	98	118
Día	20	23	10	12			8	6	28	18	13	25
Hora	21.5	14.2	14.1	23.2			12.4	20.2	16.2	7	21.5	10.5
Nivel Mín.	44	46	48	46			112	93	71	56	56	56
Día	29	8	31	6			31	31	21	31	12	20
Hora	14.5	9	19.5	16.3			15.3	19.2	11.1	12	13	12
Nivel Medio	62	66	67	57			135	117	81	61	65	67

H720	MISAHUALLI EN COTUNDO											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	76 *	78 *	95 *	113 *	85 *	138 *	206 *	80 *	82 *	78 *	68 *	118 *
2	76 *	76 *	90 *	111 *	88 *	129 *	140 *	81 *	80 *	78 *	66 *	149 *
3	78 *	81 *	83 *	106 *	99 *	130 *	107 *		80 *	83 *	71 *	116 *
4	86 *	88 *	80 *	95 *	120 *	127 *	104 *		78 *	84 *	70 *	139 *
5	85 *	87 *	78 *	91 *	174 *	133 *	103 *	77 *	78 *	77 *	73 *	120 *
6	82 *	77 *	76 *	138 *	180 *	144 *	148 *	88 *	76 *	73 *	71 *	116 *
7	80 *	80 *	76 *	124 *	138 *	129 *	164 *	101 *	76 *	72 *	154 *	109 *
8	76 *	119 *	89 *	119 *	141 *	124 *	191 *	204 *	74 *	70 *	124 *	100 *
9	74 *	98 *	134 *	190 *	129 *	120 *	175 *	166 *	74 *	70 *	111 *	97 *
10	72 *	93 *	121 *	116 *	204 *	167 *	143 *	138 *	72 *	68 *	100 *	90 *
11	72 *	157 *	119 *	116 *	161 *	120 *	140 *	119 *	70 *	68 *	96 *	86 *
12	76 *	176 *	117 *	148 *	148 *	119 *	121 *	109 *	70 *	66 *	94 *	84 *
13	78 *	119 *	126 *	124 *	197 *	144 *	117 *	100 *	90 *	74 *	90 *	84 *
14	83 *	126 *	119 *	114 *	129 *	123 *	110 *	95 *	103 *	73 *		82 *
15	94 *	136 *	115 *	109 *	119 *	112 *	108 *	90 *	119 *	73 *		85 *
16	74 *	146 *	119 *	105 *	115 *	97 *	106 *	88 *	138 *	69 *	87 *	85 *
17	70 *	119 *	100 *	104 *	115 *	144 *	103 *	85 *	95 *		86 *	79 *
18	76 *	120 *	147 *	105 *	166 *	142 *	100 *	84 *	89 *		84 *	78 *
19	74 *	132 *	160 *	100 *	143 *	123 *	96 *	88 *	87 *		82 *	76 *
20	89 *	122 *	113 *	97 *	147 *	116 *	94 *	84 *	86 *	76 *	89 *	76 *
21	103 *	133 *	163 *	91 *	119 *	111 *	88 *	80 *	84 *	74 *	95 *	75 *
22	90 *	194 *	123 *	88 *	116 *	109 *	92 *	78 *	82 *	72 *	118 *	78 *
23	82 *	175 *	107 *	84 *	114 *	98 *	164 *	76 *	107 *	72 *	113 *	76 *
24	76 *	158 *	106 *	89 *	196 *	88 *	193 *	93 *	100 *	70 *	110 *	76 *
25	88 *	140 *	104 *	85 *	166 *	86 *	129 *	128 *	95 *	78 *	155 *	78 *
26	89 *	148 *	104 *	82 *	200 *	84 *	106 *	104 *	90 *	72 *	119 *	76 *
27	90 *	145 *	106 *	80 *	180 *	99 *	97 *	96 *	88 *	68 *	114 *	76 *
28	85 *	136 *	104 *	84 *	169 *	120 *	89 *	92 *	86 *	68 *	179 *	74 *
29	83 *		102 *	89 *	163 *	128 *	88 *	88 *	83 *	69 *	131 *	72 *
30	81 *		104 *	85 *	128 *	127 *	84 *	86 *	82 *	73 *	125 *	72 *
31	80 *		117 *		140 *		82 *	84 *		69 *		76 *
Nivel Max.	106 *	212 *	214 *	196 *	212 *	168 *	212 *		146 *			172 *
Día	21	22	21	9	13	10	1		16			4
Hora	7	16	16	7	7	7	7		7			16
Nivel Mín.	70 *	76 *	76 *	80 *	84 *	84 *	82 *		70 *			72 *
Día	17	2	7	27	2	26	31		11			30
Hora	7	7	7	7	7	7	7		16			16
Nivel Medio	81	124	110	106	145	121	122	99	87	73	103	90

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H721	JATUNYACU DJ ILOCULIN											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	64 *	63 *	112 *	85 *	83 *	100 *	290 *	82 *	122 *	88 *	53 *	87 *
2	62 *	60 *	106 *	80 *	87 *	97 *	138 *	89 *	93 *	70 *	73 *	92 *
3	55 *	81 *	98 *	73 *	88 *	125 *	126 *	85 *	90 *	77 *	98 *	86 *
4	52 *	55 *	93 *	69 *	283 *	117 *	117 *	86 *	92 *	67 *	90 *	84 *
5	64 *	40 *	88 *	72 *	295 *	104 *	110 *	110 *	87 *	65 *	85 *	80 *
6	64 *	48 *	79 *	85 *	273 *	98 *	168 *	103 *	83 *	66 *	83 *	72 *
7	52 *	49 *	73 *	99 *	207 *	100 *	236 *	160 *	88 *	64 *	99 *	81 *
8	50 *	47 *	70 *	101 *	184 *	95 *	373 *	148 *	85 *	52 *	92 *	87 *
9	55 *	79 *	104 *	184 *	180 *	97 *	108 *	119 *	80 *	59 *	83 *	85 *
10	53 *	90 *	165 *	142 *	187 *	130 *	100 *	117 *	74 *	57 *	77 *	82 *
11	50 *	147 *	170 *	136 *	192 *	126 *	97 *	100 *	72 *	55 *	70 *	74 *
12	48 *	131 *	174 *	125 *	160 *	122 *	92 *	96 *	90 *	58 *	75 *	78 *
13	55 *	107 *	169 *	115 *	181 *	109 *	90 *	98 *	107 *	56 *	78 *	77 *
14	54 *	94 *	158 *	106 *	173 *	100 *	105 *	100 *	80 *	60 *	83 *	93 *
15	77 *	218 *	144 *	104 *	68 *	79 *	107 *	99 *	84 *	58 *	78 *	100 *
16	57 *	200 *	146 *	100 *	98 *	84 *	98 *	96 *	78 *	54 *	75 *	99 *
17	56 *	174 *	90 *	98 *	118 *	100 *	90 *	94 *	80 *	68 *	85 *	85 *
18	52 *	125 *	85 *	124 *	142 *	102 *	85 *	86 *	78 *	59 *	75 *	83 *
19	57 *	109 *	92 *	112 *	136 *	97 *	79 *	81 *	75 *	63 *	85 *	93 *
20	70 *	98 *	108 *	99 *	120 *	104 *	100 *	88 *	60 *	58 *	79 *	85 *
21	73 *	102 *	95 *	95 *	128 *	100 *	96 *	80 *	66 *	55 *	96 *	82 *
22	60 *	134 *	97 *	90 *	123 *	97 *	138 *	72 *	68 *	54 *	98 *	70 *
23	60 *	146 *	100 *	85 *	110 *	95 *	122 *	89 *	65 *	58 *	85 *	78 *
24	62 *	160 *	105 *	92 *	106 *	90 *	117 *	76 *	80 *	59 *		75 *
25	56 *	205 *	98 *	83 *	100 *	87 *	175 *	117 *	83 *	54 *	80 *	168 *
26	50 *	112 *	92 *	85 *	147 *	85 *	100 *	103 *	98 *	58 *	88 *	75 *
27	40 *	123 *	89 *	87 *	133 *	79 *	97 *	100 *	99 *	57 *	87 *	72 *
28	45 *	130 *	110 *	90 *	120 *	74 *	95 *	95 *	101 *	55 *	81 *	75 *
29	49 *		94 *	92 *	112 *	75 *	91 *	205 *	97 *	53 *	82 *	73 *
30	48 *		92 *	88 *	100 *	105 *	86 *	187 *	94 *	50 *	90 *	77 *
31	66 *		89 *		110 *		85 *	183 *		62 *		74 *
Nivel Max.	77 *	218 *	174 *	184 *	295 *	130 *	373 *	205 *	122 *	88 *		168 *
Día	15	15	12	9	5	10	8	29	1	1		25
Hora	14	13	13	12	17	15	16	16	14	13		12
Nivel Mín.	40 *	40 *	70 *	69 *	68 *	74 *	79 *	72 *	60 *	50 *		70 *
Día	27	5	8	4	15	28	19	22	20	30		22
Hora	8	14	13	13	14	14	16	14	13	14		17
Nivel Medio	57	112	109	100	147	99	126	108	85	60	83	85

H722	YANAHURCO DJ VALLE											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	93	101 *	91 *	94 *	97 *	107 *	121 *	102 *	114 *	110 *	110 *	112 *
2	89	99 *	88 *	91 *	100 *	102 *	130 *	102 *	112 *	110 *	110 *	120 *
3	96	98 *	85 *	90 *	103 *	102 *	108 *	102 *	112 *	112 *	110 *	116 *
4	97	101 *	87 *	87 *	109 *	110 *	102 *	104 *	110 *	110 *	108 *	114 *
5	98	101 *	89 *	84 *	113 *	110 *	103 *	104 *	110 *	110 *	109 *	112 *
6	101	99 *	93 *	86 *	112 *	113 *	125 *	106 *	110 *	110 *	109 *	110 *
7	102	101 *	93 *	87 *	110 *	118 *	158 *	109 *	112 *	108 *	110 *	110 *
8	101	104 *	93 *	84 *	107 *	120 *	185 *	113 *	110 *	108 *	112 *	110 *
9	111	102 *	92 *	93 *	103 *	116 *	178 *	114 *	109 *	110 *	112 *	112 *
10	108	98 *	90 *	98 *	102 *	110 *	135 *	117 *	110 *	110 *	110 *	112 *
11	113	98 *	87 *	97 *	104 *	107 *	141 *	109 *	112 *	110 *	110 *	110 *
12	112	98 *	85 *	97 *	109 *	106 *	174 *	105 *	114 *	112 *	112 *	110 *
13	111	99 *	81 *	97 *	119 *	103 *	125 *	102 *	110 *	110 *	114 *	108 *
14	111	100 *	82 *	93 *	123 *	102 *	130 *	104 *	110 *	110 *	122 *	108 *
15	113	98 *	82 *	89 *	123 *	102 *	132 *	102 *	109 *	108 *	120 *	108 *
16	110	96 *	80 *	86 *	120 *	103 *	128 *	102 *	108 *	108 *	118 *	108 *
17	109	93 *	82 *	86 *	115 *	105 *	119 *	100 *	109 *	108 *	112 *	110 *
18	109	94 *	81 *	95 *	114 *		118 *	100 *	110 *	108 *	118 *	110 *
19	108 *	91 *	85 *	97 *	114 *	106 *	117 *	102 *	112 *	108 *	116 *	110 *
20		90 *	85 *	93 *	109 *	104 *	116 *	110 *	110 *	110 *	114 *	108 *
21	116 *	93 *	83 *	90 *	115 *	103 *	115 *	110 *	109 *	110 *	110 *	108 *
22	113 *	98 *	81 *	86 *	120 *	99 *	112 *	112 *	109 *	110 *	110 *	110 *
23	104 *	99 *	83 *	85 *	119 *	98 *	111 *	110 *	110 *	108 *	110 *	110 *
24	99 *	99 *	85 *	80 *	117 *	98 *	116 *	112 *	112 *	108 *	112 *	112 *
25	93 *	98 *	90 *	78 *	113 *	99 *	122 *	114 *	110 *	108 *	119 *	112 *
26	95 *	95 *	96 *	86 *	110 *	100 *	118 *	114 *	110 *	110 *	121 *	110 *
27	98 *	96 *	104 *	85 *	106 *	99 *	114 *	116 *	110 *	110 *	118 *	110 *
28	101 *	95 *	100 *	83 *	112 *	98 *	107 *	140 *	112 *	110 *	118 *	108 *
29	105 *		98 *	88 *	112 *	99 *	105 *	140 *	110 *	109 *	116 *	108 *
30	103 *		96 *	95 *	109 *	100 *	104 *	120 *	110 *	108 *	114 *	108 *
31	100 *		94 *		109 *		104 *	120 *		108 *		110 *
Nivel Max.		104 *	104 *	98 *	124 *		192 *	140 *	114 *	112 *	122 *	120 *
Día		8	27	10	14		8	28	1	3	14	2
Hora		6	6	6	6		18	6	6	6	6	6
Nivel Mín.		90 *	80 *	78 *	96 *		102 *	100 *	108 *	108 *	108 *	108 *
Día		19	13	25	1		1	17	16	16	4	13
Hora		18	6	6	6		6	18	18	18	18	18
Nivel Medio		104	98	88	89	111	105	125	110	111	109	110

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H731	COSANGA AJ QUIJOS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	105 *	132 *	137 *	131 *	133 *	184 *	245 *	131 *	143 *	155 *	100 *	135 *
2	100 *	118 *	130 *	120 *	143 *	178 *	290 *	126 *	131 *	117 *	100 *	133 *
3	95 *	99 *	125 *	112 *	135 *	168 *	248 *	122 *	188 *	117 *	137 *	143 *
4	93 *	93 *	120 *	120 *	159 *	163 *	176 *	131 *	169 *	121 *	131 *	137 *
5	99 *	92 *	131 *	121 *	155 *	153 *	250 *	130 *	153 *	120 *	128 *	143 *
6	98 *	91 *	135 *	120 *	179 *	150 *	179 *	193 *	148 *	149 *	144 *	134 *
7	94 *	89 *	148 *	119 *	170 *	169 *	283 *	195 *	146 *	118 *	177 *	158 *
8	96 *	80 *	139 *	159 *	153 *	165 *	315 *	308 *	144 *	118 *	167 *	163 *
9	92 *	80 *	160 *	275 *	220 *	160 *	273 *	178 *	137 *	116 *	173 *	154 *
10	89 *	128 *	153 *	174 *	318 *	157 *	165 *	166 *	128 *	113 *	149 *	147 *
11	85 *	190 *	158 *	163 *	288 *	152 *	161 *	157 *	130 *	112 *	134 *	142 *
12	87 *	160 *	172 *	171 *	220 *	147 *	155 *	147 *	138 *	110 *	134 *	134 *
13	89 *	158 *	169 *	171 *	225 *	144 *	145 *	140 *	144 *	133 *	134 *	124 *
14	88 *	159 *	163 *	167 *	185 *	141 *	141 *	136 *	141 *	150 *	131 *	121 *
15	84 *	144 *	151 *	153 *	178 *	137 *	133 *	130 *	139 *	123 *	136 *	116 *
16	82 *	134 *	146 *	148 *	168 *	128 *	124 *	124 *	137 *	113 *	132 *	114 *
17	80 *	139 *	139 *	144 *	160 *	121 *	121 *	120 *	134 *	107 *	139 *	129 *
18	81 *	132 *	158 *	139 *	155 *	123 *	118 *	131 *	129 *	179 *	133 *	144 *
19	85 *	120 *	147 *	135 *	175 *	182 *	117 *	130 *	129 *	163 *	124 *	140 *
20	175 *	112 *	149 *	129 *	170 *	169 *	143 *	128 *	123 *	155 *	188 *	136 *
21	156 *	105 *	146 *	132 *	165 *	150 *	137 *	127 *	124 *	153 *	230 *	133 *
22	137 *	137 *	142 *	121 *	160 *	134 *	144 *	124 *	130 *	128 *	220 *	130 *
23	120 *	151 *	138 *	131 *	160 *	129 *	190 *	120 *	163 *	121 *	200 *	127 *
24	117 *	280 *	134 *	130 *	168 *	125 *	171 *	155 *	160 *	118 *	116 *	124 *
25	111 *	190 *	130 *	127 *	168 *	123 *	156 *	173 *	153 *	112 *	112 *	121 *
26	98 *	174 *	151 *	123 *	168 *	121 *	158 *	164 *	141 *	104 *	110 *	133 *
27	96 *	159 *	157 *	121 *	163 *	120 *	157 *	183 *	132 *	106 *	164 *	129 *
28	94 *	153 *	173 *	118 *	170 *	122 *	145 *	171 *	128 *	106 *	159 *	123 *
29	84 *	150 *	115 *	248 *	119 *	138 *	171 *	119 *	119 *	104 *	172 *	120 *
30	91 *	145 *	112 *	260 *	136 *	134 *	166 *	138 *	102 *	173 *	117 *	
31	122 *		139 *		200 *		150 *	153 *		106 *		
Nivel Max.	180 *	300 *	175 *	300 *	335 *	188 *	350 *	315 *	200 *	190 *	250 *	
Día	20	24	28	9	10	1	8	8	3	1	20	
Hora	7	6	7	6	17	6	17	17	17	6	6	
Nivel Mín.	80 *	80 *	120 *	110 *	130 *	118 *	116 *	120 *	115 *	100 *	100 *	
Día	17	8	4	3	1	29	19	17	30	26	1	
Hora	17	17	17	17	17	17	17	7	17	17	17	
Nivel Medio	101	136	146	140	184	146	176	152	140	124	148	133

H763	QDA.MULA CORRAL AJ CALAMACA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	23 *	29 *	37 *	41 *	38 *	38 *	45 *	35 *	38 *	30 *	27 *	39 *
2	24 *	33 *	36 *	37 *	40 *	35 *	38 *	35 *	37 *	29 *	26 *	54 *
3	23 *	31 *	34 *	33 *	45 *	35 *	32 *	34 *	38 *	29 *	28 *	48 *
4	22 *	29 *	32 *	30 *	65 *	35 *	31 *	34 *	38 *	29 *	28 *	44 *
5	22 *	29 *	32 *	30 *	51 *	33 *	37 *	33 *	36 *	29 *	30 *	42 *
6	22 *	28 *	31 *	30 *	59 *	32 *	40 *	36 *	36 *	29 *	29 *	44 *
7	22 *	34 *	31 *	30 *	55 *	35 *	58 *	41 *	36 *	28 *	29 *	40 *
8	22 *	36 *	32 *	34 *	52 *	35 *	71 *	45 *	34 *	28 *	30 *	36 *
9	20 *	32 *	38 *	45 *	55 *	36 *	51 *	38 *	33 *	27 *	28 *	39 *
10	20 *	35 *	34 *	39 *	50 *	34 *	49 *	38 *	33 *	27 *	25 *	38 *
11	19 *	32 *	42 *	34 *	45 *	33 *	51 *	35 *	34 *	27 *	25 *	36 *
12	19 *	32 *	42 *	37 *	46 *	32 *	49 *	34 *	34 *	26 *	38 *	35 *
13	19 *	33 *	41 *	40 *	46 *	31 *	47 *	34 *	35 *	26 *	31 *	35 *
14	20 *	35 *	39 *	37 *	44 *	30 *	45 *	33 *	34 *	26 *	30 *	37 *
15	23 *	34 *	43 *	35 *	44 *	30 *	43 *	32 *	33 *	26 *	27 *	35 *
16	25 *	35 *	39 *	39 *	39 *	30 *	39 *	33 *	32 *	26 *	27 *	37 *
17	24 *	32 *	37 *	33 *	39 *	30 *	38 *	32 *	33 *	29 *	27 *	34 *
18	28 *	31 *	36 *	33 *	40 *	30 *	37 *	34 *	33 *	29 *	35 *	34 *
19	52 *	29 *	35 *	34 *	39 *	37 *	37 *	34 *	30 *	29 *	32 *	33 *
20	29 *	29 *	33 *	35 *	40 *	33 *	37 *	34 *	29 *	28 *	35 *	31 *
21	27 *	31 *	38 *	34 *	40 *	30 *	38 *	34 *	28 *	26 *	31 *	30 *
22	25 *	31 *	36 *	33 *	39 *	29 *	38 *	32 *	28 *	26 *	32 *	30 *
23	25 *	39 *	34 *	38 *	39 *	28 *	46 *	30 *	35 *	26 *	30 *	30 *
24	24 *	35 *	34 *	45 *	47 *	28 *	47 *	29 *	36 *	26 *	34 *	30 *
25	24 *	44 *	35 *	36 *	41 *	27 *	39 *	35 *	40 *	25 *	49 *	32 *
26	24 *	37 *	35 *	45 *	39 *	27 *	38 *	34 *	38 *	25 *	61 *	30 *
27	37 *	39 *	35 *	34 *	35 *	27 *	38 *	47 *	38 *	24 *	57 *	28 *
28	30 *	37 *	36 *	43 *	32 *	27 *	38 *	44 *	38 *	23 *	51 *	28 *
29	29 *		36 *	38 *	38 *	26 *	37 *	51 *	35 *	32 *	41 *	29 *
30	29 *		35 *	39 *		26 *	35 *	41 *	31 *	29 *	43 *	28 *
31	32 *		37 *				35 *	39 *		28 *		27 *
Nivel Max.	77 *	45 *	50 *	54 *		39 *	76 *	58 *	40 *	32 *	64 *	59 *
Día	19	25	12	24		19	8	29	25	29	25	2
Hora	7	17	17	17		7	7	7	7	7	17	17
Nivel Mín.	19 *	28 *	30 *	29 *		25 *	30 *	28 *	27 *	23 *	24 *	27 *
Día	11	1	7	6		30	4	24	22	28	11	31
Hora	7	7	7	7		17	17	17	17	17	7	7
Nivel Medio	25	33	36	36	44	31	42	36	34	27	34	35

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H764	CALAMACA DJ Q. HUARCUSACHA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	76 *	83 *	83 *	88 *	88 *	89	87	87 *	94 *	84 *	78 *	94 *
2	75 *	85 *	91 *	85 *	89 *	88	82	86 *	92 *	84 *	77 *	107 *
3	72 *	82 *	89 *	89 *	100 *	88	91	86 *	96 *	83 *	81 *	100 *
4	74 *	81 *	87 *	82 *	124 *	86	105	85 *	87 *	83 *	81 *	94 *
5	75 *	87 *	86 *	80 *	110 *	83	120	86 *	87 *	82 *	83 *	93 *
6	74 *	82 *	84 *	80 *	117 *	83	129	90 *	87 *	81 *	83 *	96 *
7	74 *	91 *	83 *	80 *	108 *	87	109	94 *	87 *	80 *	91 *	94 *
8	74 *	93 *	82 *	86 *	106 *	89	105	101 *	86 *	81 *	89 *	96 *
9	72 *	92 *	89 *	105 *	111 *	84	107	90 *	85 *	80 *	89 *	91 *
10	72 *	91 *	88 *	94 *	105 *	86	104	87 *	85 *	79 *	88 *	89 *
11	71 *	86 *	92 *	90 *	107 *	82	97	86 *	89 *	78 *	79 *	88 *
12	71 *	86 *	84 *	96 *	101 *	82	96	86 *	88 *	78 *	89 *	83 *
13	71 *	86 *	91 *	97 *	94 *	81	93	84 *	88 *	77 *	84 *	84 *
14	72 *	86 *	88 *	93 *	97 *	80	91	83 *	88 *	77 *	79 *	87 *
15	73 *	86 *	88 *	92 *	94 *	80	90	84 *	86 *	77 *	83 *	85 *
16	78 *	92 *	92 *	90 *	93 *	79	91	85 *	85 *	77 *	81 *	90 *
17	79 *	88 *	92 *	88 *	80 *	80	88	84 *	84 *	85 *	78 *	85 *
18	80 *	85 *	115 *	98 *	80 *	84	91	83 *	83 *	85 *	83 *	85 *
19	79 *	84 *	100 *	89 *	89 *	81	94	85 *	82 *	80 *	83 *	81 *
20	78 *	84 *	108 *	88 *	98 *	79	99	86 *	80 *	78 *	87 *	81 *
21	76 *	86 *	100 *	87 *	92 *	78	103	86 *	80 *	79 *	87 *	80 *
22	77 *	89 *	88 *	91 *	91 *	77	97	84 *	79 *	78 *	88 *	80 *
23	77 *	108 *	92 *	96 *	89 *	78	94	82 *	89 *	78 *	87 *	82 *
24	76 *	92 *	90 *	97 *	105 *	77	92	81 *	90 *	78 *	89 *	82 *
25	76 *	106 *	95 *	90 *	106 *	78	90	90 *	93 *	77 *	125 *	84 *
26	76 *	100 *	89 *	105 *	93 *	76	89	94 *	91 *	77 *	117 *	84 *
27	104 *	96 *	86 *	100 *	95 *	76	88	112 *	97 *	76 *	110 *	82 *
28	85 *	104 *	90 *	90 *	90 *	78	85	105 *	97 *	75 *	104 *	80 *
29	81 *		87 *	91 *	90	92	114 *	114 *	87 *	81 *	99 *	81 *
30	81 *		86 *	89 *	94	99	99 *	99 *	85 *	80 *	98 *	80 *
31	86 *		97 *		94		95 *	95 *		79 *		79 *
Nivel Max.	120 *	112 *	120 *	110 *	136 *	118	147	118 *	98 *	85 *	130 *	110 *
Día	27	23	18	24	4	29	6	29	28	17	25	2
Hora	17	17	7	17	17	16.5	6.4	7	7	7	17	17
Nivel Mín.	71 *	81 *	81 *	80 *	80 *	76	80 *	80 *	79 *	74 *	77 *	79 *
Día	11	1	12	5	17	27	24	24	22	28	2	31
Hora	7	7	17	7	7	12	17	17	17	17	7	7
Nivel Medio	77	89	90	91	97	83	97	89	87	79	89	87

H783	OZOGOCHE EN LOS LAGOS												INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	60 *	49 *	93 *	77 *	80 *	83 *	63 *	85 *	89 *	74 *	59 *	74 *	
2	59 *	50 *	97 *	75 *	83 *	83 *	66 *	83 *	88 *	74 *	58 *	73 *	
3	58 *	51 *	97 *	75 *	87 *	81 *	70 *	81 *	87 *	73 *	58 *	73 *	
4	58 *	52 *	94 *	74 *	92 *	80 *	77 *	81 *	85 *	72 *	57 *	72 *	
5	57 *	54 *	92 *	73 *	100 *	79 *	84 *	80 *	84 *	72 *	67 *	71 *	
6	57 *	55 *	90 *	72 *	107 *	78 *	89 *	79 *	85 *	71 *	56 *	70 *	
7	58 *	55 *	89 *	70 *	108 *	77 *	91 *	82 *	86 *	71 *	56 *	74 *	
8	57 *	55 *	90 *	71 *	110 *	76 *	95 *	84 *	85 *	70 *	56 *	76 *	
9	56 *	54 *	91 *	80 *	108 *	74 *	102 *	88 *	83 *	70 *	57 *	81 *	
10	56 *	54 *	91 *	83 *	109 *	73 *	104 *	88 *	81 *	69 *	59 *	83 *	
11	56 *	53 *	89 *	88 *	106 *	72 *	108 *	87 *	79 *	69 *	59 *	82 *	
12	55 *	53 *	88 *	90 *	104 *	74 *	117 *	85 *	77 *	68 *	60 *	81 *	
13	55 *	52 *	87 *	89 *	103 *	70 *	115 *	85 *	76 *	68 *	61 *	80 *	
14	54 *	54 *	86 *	83 *	104 *	69 *	113 *	84 *	76 *	66 *	61 *	76 *	
15	53 *	59 *	89 *	84 *	100 *	68 *	111 *	83 *	75 *	66 *	61 *	80 *	
16	53 *	63 *	90 *	82 *	98 *	68 *	109 *	82 *	74 *	65 *	62 *	83 *	
17	53 *	66 *	92 *	85 *	96 *	67 *	107 *	80 *	74 *	65 *	62 *	83 *	
18	53 *	69 *	94 *	86 *	91 *	66 *	105 *	81 *	73 *	64 *	62 *	82 *	
19	53 *	70 *	95 *	87 *	92 *	66 *	102 *	81 *	72 *	64 *	62 *	80 *	
20	52 *	67 *	95 *	88 *	92 *	66 *	100 *	79 *	72 *	63 *	63 *	80 *	
21	52 *	70 *	94 *	86 *	90 *	65 *	98 *	79 *	74 *	63 *	66 *	79 *	
22	52 *	73 *	92 *	82 *	89 *	64 *	99 *	78 *	75 *	62 *	67 *	77 *	
23	52 *	76 *	90 *	80 *	87 *	63 *	101 *	77 *	77 *	62 *	67 *	75 *	
24	51 *	78 *	88 *	78 *	86 *	63 *	100 *	76 *	78 *	63 *	68 *	75 *	
25	51 *	78 *	86 *	78 *	87 *	63 *	98 *	75 *	76 *	64 *	70 *	76 *	
26	51 *	79 *	84 *	78 *	87 *	63 *	97 *	74 *	76 *	62 *	72 *	77 *	
27	50 *	79 *	83 *	77 *	87 *	63 *	93 *	77 *	75 *	62 *	73 *	76 *	
28	50 *	81 *	82 *	78 *	86 *	63 *	91 *	87 *	74 *	61 *	76 *	75 *	
29	50 *		81 *	80 *	85 *	62 *	89 *	92 *	74 *	60 *	76 *	74 *	
30	49 *		79 *	80 *	86 *	62 *	88 *	92 *	75 *	60 *	75 *	73 *	
31	49 *		78 *		85 *		87 *	90 *		59 *		74 *	
Nivel Max.	60 *	82 *	98 *	90 *	112 *	83 *	119 *	92 *	89 *	74 *	77 *	83 *	
Día	1	28	2	12	9	1	12	29	1	1	5	17	
Hora	6	18	17	7	17	6	17	18	7	7	7	7	
Nivel Mín.	49 *	49 *	77 *	69 *	79 *	62 *	63 *	74 *	72 *	59 *	56 *	70 *	
Día	31	1	31	7	1	24	1	26	19	30	5	6	
Hora	7	6	17	17	7	17	6	6	17	18	18	18	
Nivel Medio	54	62	89	80	94	70	96	82	78	66	63	77	

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H787	ALAO EN HDA.ALAO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	62 *	50 *	119 *	63 *	186 *	99 *	213	85	95	72 *	77 *	80 *
2	59 *	51 *	95 *	63 *	151 *	93 *	180	99	88	76 *	76 *	147 *
3	56 *	55 *	101 *	64 *	177 *	96 *	115	90	86	76 *	68 *	120 *
4	55 *	56 *	95 *	65 *	232 *	97 *	108	81	82	75 *	78 *	91 *
5	54 *	55 *	80 *	70 *	218 *	89	148	107	84	75 *	75 *	75 *
6	57 *	51 *	83 *	83 *	183 *	84	166	160	79	70 *	76 *	80 *
7	56 *	54 *	78 *	97 *	158 *	87	240	180	84	71 *	93 *	99 *
8	55 *	221 *	83 *	135 *	188 *	90	252	152	106	72 *	115 *	139 *
9	55 *	85 *	85 *	187 *	209 *	79	171	130	86	69 *	91 *	101 *
10	55 *	106 *	143 *	143 *	124 *	76	156	117	106	68 *	83 *	93 *
11	54 *	110 *	201 *	99 *	122 *	73	184	99		68 *	76 *	84 *
12	50 *	180 *	183 *	139 *	100 *	92	155	89		67 *	79 *	77 *
13	49 *	147 *	181 *	130 *	90 *	87	124	85		65 *	85 *	75 *
14	49 *	101 *	108 *	117 *	91 *	76	112	99		64 *	94 *	75 *
15	48 *	100 *	96 *	100 *	97 *	70	105	91		63 *	89 *	77 *
16	50 *	96 *	93 *	90 *	94 *	72	117	83		65 *	77 *	78 *
17	55 *	93 *	95 *	79 *	88 *	89	117	92		68 *	86 *	74 *
18	66 *	91 *	101 *	118 *	86 *	88	118	85		92 *	75 *	72 *
19	65 *	84 *	95 *	92 *	97 *	128	102	80		83 *	73 *	68 *
20	68 *	81 *	96 *	88 *	105 *	93	103	104		72 *	72 *	65 *
21	64 *	79 *	90 *	87 *	114 *	84	113	142		76 *	68 *	64 *
22	58 *	183 *	84 *	82 *	99 *	73	113	96		71 *	74 *	61 *
23	57 *	216 *	78 *	78 *	105 *	72	151	85		67 *	94 *	147 *
24	54 *	237 *	76 *	98 *	152 *	73	152	78		64 *	89 *	85 *
25	52 *	211 *	77 *	88 *	136 *	110	154	101		64 *	87 *	163 *
26	50 *	115 *	79 *	84 *	102 *	87	123	125		67 *	107 *	123 *
27	49 *	217 *	70 *	85 *	114 *	83	112	194		70 *	98 *	93 *
28	50 *	184 *	67 *	93 *	104 *	82	97	130		75 *	90 *	77 *
29	50 *		65 *	103 *	91 *	75	89	139		71 *	89 *	76 *
30	50 *		64 *	114 *	107 *	109	86	101		69 *	82 *	74 *
31	51 *		66 *		103 *		80	113		69 *		82 *
Nivel Max.	68 *	300 *	239 *	254 *	275 *	150	298	300		93 *	120 *	200 *
Día	20	23	11	9	4	19	7	27		18	8	25
Hora	9	18	18	18	18	18.3	15.4	1.1		18	9	18
Nivel Mín.	48 *	50 *	64 *	62 *	82 *	65 *	79	76		63 *	67 *	60 *
Día	14	1	29	1	18	23	31	24		14	21	22
Hora	18	18	18	18	9	18	13.3	14.5		18	18	18
Nivel Medio	55	118	97	98	129	87	137	110		71	84	91

H788	PUELA AJ CHAMBO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	33 *	47 *	48 *	38 *	44 *	52 *	137 *	46 *	55 *	51 *	50 *	53 *
2	37 *	45 *	38 *	60 *	58 *	57 *	73 *	55 *	54 *	52 *	51 *	55 *
3	42 *	41 *	40 *	41 *	78 *	56 *	66 *	46 *	60 *	51 *	86 *	60 *
4	42 *	39 *	42 *	39 *	104 *	57 *	62 *	44 *	55 *	48 *	58 *	54 *
5	39 *	43 *	40 *	43 *	72 *	57 *	80 *	50 *	53 *	51 *	55 *	53 *
6	41 *	41 *	39 *	40 *	93 *	54 *	73 *	55 *	54 *	48 *	56 *	
7	37 *	36 *	39 *	52 *	64 *	52 *	114 *	93 *	53 *	48 *	54 *	81 *
8	35 *	63 *	46 *	67 *	70 *	54 *	134 *	76 *	57 *	51 *	59 *	86 *
9	36 *	56 *	50 *	70 *	85 *	55 *	81 *	60 *	53 *	49 *	53 *	56 *
10	36 *	54 *	82 *	58 *	70 *	52 *	65 *	85 *	57 *	48 *	51 *	55 *
11	35 *	75 *	82 *	57 *	62 *	52 *	56 *	80 *	57 *	47 *	50 *	54 *
12	34 *	74 *	88 *	80 *	58 *	52 *	68 *	72 *	61 *	46 *	53 *	52 *
13	32 *	62 *	86 *	73 *	59 *	53 *	67 *	64 *		45 *	50 *	51 *
14	43 *	66 *	71 *	56 *	58 *	52 *	59 *	55 *	55 *	43 *	57 *	51 *
15	49 *	95 *	57 *	54 *	59 *	51 *	53 *	45 *	54 *	42 *	59 *	56 *
16	30 *	97 *	55 *	50 *	55 *	50 *	98 *	43 *	51 *	44 *	54 *	54 *
17	29 *	50 *	54 *	53 *	55 *	56 *	88 *	44 *	56 *	46 *	54 *	52 *
18	28 *	47 *	56 *	61 *	73 *	58 *	71 *	45 *	56 *	45 *	55 *	50 *
19	26 *	48 *	56 *	52 *	80 *	96 *	61 *	44 *	60 *	45 *	51 *	49 *
20	34 *	46 *	58 *	53 *	95 *	61 *	54 *	57 *	62 *	50 *	54 *	48 *
21	49 *	54 *	52 *	52 *	60 *	58 *	47 *	85 *	58 *	48 *	54 *	46 *
22	39 *	101 *	42 *	49 *	60 *	56 *	47 *	47 *	56 *	47 *	62 *	46 *
23	34 *	130 *	42 *	46 *	57 *	51 *	68 *	46 *	55 *	45 *	63 *	84 *
24	35 *	125 *	42 *	42 *	83 *	66 *	69 *	50 *	53 *	44 *	53 *	86 *
25	33 *	102 *	45 *	39 *	64 *	58 *	76 *	57 *	51 *	42 *	55 *	89 *
26	33 *	63 *	43 *	38 *	57 *	57 *	84 *	55 *	53 *	47 *	61 *	65 *
27	34 *	93 *	39 *	38 *	58 *	55 *	76 *	96 *	55 *	65 *	56 *	57 *
28	38 *	91 *	38 *	33 *	57 *	53 *	67 *	83 *	53 *	51 *	56 *	57 *
29	42 *		38 *	39 *	56 *	52 *	58 *	71 *	53 *	48 *	54 *	55 *
30	38 *		46 *	36 *	63 *	58 *	50 *	58 *	52 *	46 *	53 *	55 *
31	44 *		47 *		58 *		45 *	54 *		52 *		60 *
Nivel Max.	55 *	136 *	105 *	100 *	136 *	105 *	138 *	110 *		78 *	100 *	
Día	15	24	11	12	4	19	1	27		27	3	
Hora	18	7	18	7	18	18	7	18		18	7	
Nivel Mín.	26 *	34 *	35 *	32 *	42 *	50 *	45 *	41 *		42 *	49 *	
Día	19	7	29	28	1	16	31	23		14	11	
Hora	7	18	7	18	7	7	18	7		18	18	
Nivel Medio	37	67	52	50	66	56	72	60	55	48	56	59

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H789	GUARGUALLA AJ CEBADAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	60 *	53 *	77 *	51 *	59 *		133 *	66 *	65 *	57 *	54 *	64 *
2	65 *	54 *		52 *	59 *		99 *	64 *	68 *	53 *	53 *	81 *
3	67 *	53 *	58 *	52 *	72 *		96 *	66 *	63 *	52 *	53 *	70 *
4		53 *	56 *	54 *	79 *	92 *		64 *	66 *	51 *	54 *	65 *
5		54 *	57 *	56 *	100 *	62 *	84 *	66 *	67 *	50 *	58 *	60 *
6		51 *	56 *	56 *	88 *	62 *	89 *	67 *	65 *	50 *	63 *	59 *
7	50 *	54 *	59 *	58 *	85 *	66 *	107 *	69 *	68 *	52 *	64 *	59 *
8	51 *	54 *	60 *	79 *	84 *	65 *	152 *	60 *	61 *	50 *	66 *	58 *
9	50 *	58 *	62 *	85 *	92 *	59 *	117 *		59 *	48 *	66 *	60 *
10	50 *	59 *	70 *	74 *	94 *	58 *	91 *		59 *	55 *	56 *	60 *
11	49 *	70 *	60 *	77 *	84 *	59 *	88 *	62 *	60 *	54 *	57 *	55 *
12	52 *	79 *	77 *	88 *	79 *	60 *	79 *	57 *	67 *	55 *	62 *	54 *
13	49 *	64 *	69 *	76 *	62 *	55 *	77 *	53 *	61 *	60 *	59 *	59 *
14	49 *	63 *	74 *	75 *	59 *	52 *	76 *	66 *	61 *	60 *	61 *	57 *
15	49 *	53 *	69 *	69 *	58 *	53 *	85 *	61 *	62 *	58 *	60 *	58 *
16	50 *	52 *	67 *	59 *	58 *	56 *	79 *	53 *	65 *	55 *	65 *	58 *
17	49 *	52 *	60 *	58 *		59 *	75 *	57 *	68 *	56 *	58 *	59 *
18	56 *	52 *	65 *	57 *		59 *	73 *	59 *	67 *	94 *	61 *	
19	58 *	51 *	60 *	59 *	74 *	60 *	64 *	61 *	68 *	67 *	56 *	
20		51 *	80 *	58 *	72 *	57 *	64 *	63 *	65 *	67 *	55 *	
21	53 *	53 *	55 *	59 *	68 *	56 *		61 *	64 *	66 *	62 *	59 *
22	51 *	70 *	80 *	59 *	66 *			63 *	65 *	55 *	68 *	66 *
23	51 *	92 *		58 *		55 *	64 *	66 *	66 *	54 *	72 *	66 *
24	51 *	79 *	57 *	60 *	59 *	55 *	78 *	65 *	68 *	55 *	62 *	60 *
25	51 *		56 *	60 *	59 *	68 *	81 *	67 *	65 *	55 *	61 *	70 *
26	53 *	64 *	54 *	59 *	57 *	62 *	76 *	69 *	63 *	54 *	70 *	58 *
27	51 *	80 *	56 *	60 *	58 *	60 *	78 *	68 *	65 *	56 *	67 *	55 *
28	53 *	78 *	56 *	56 *	57 *	60 *	68 *	66 *	62 *	58 *	78 *	53 *
29	51 *		57 *	59 *	57 *	60 *	67 *	70 *	64 *	55 *	77 *	53 *
30	51 *		55 *	58 *	57 *	58 *	68 *	58 *	58 *	56 *	75 *	53 *
31			53 *		57 *		68 *	57 *		54 *		53 *
Nivel Max.				97 *					69 *	94 *	78 *	
Día				12					16	18	28	
Hora				6					18	6	6	
Nivel Mín.				50 *					57 *	47 *	52 *	
Día				1					30	9	3	
Hora				18					6	18	6	
Nivel Medio	52	61	62	62	69	60	85	63	64	57	62	60

H790	CEBADAS AJ GUAMOTE											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	109 *	110 *	167 *	119 *	133 *	145 *	198 *	136 *	146 *	126 *	109 *	145 *
2	106 *	110 *	162 *	113 *	133 *	143 *	188 *	132 *	143 *	126 *	109 *	168 *
3	106 *	111 *	154 *	117 *	166 *	145 *	162 *	138 *	143 *	124 *	111 *	154 *
4	105 *	109 *	147 *	110 *	206 *	148 *	153 *	135 *	137 *	123 *	112 *	139 *
5	106 *	117 *	141 *	109 *	244 *	146 *	158 *	135 *	137 *	121 *	115 *	136 *
6	102 *	111 *	137 *	118 *	240 *	143 *	174 *	136 *	134 *	120 *	119 *	132 *
7	100 *	109 *	136 *	116 *	205 *	140 *	257 *	143 *	137 *	118 *	125 *	139 *
8	99 *	109 *	131 *	128 *	210 *	137 *	307 *	159 *	152 *	120 *	129 *	149 *
9	99 *	110 *	131 *	153 *	222 *	138 *	245 *	154 *	136 *	119 *	128 *	141 *
10	99 *	113 *	147 *	202 *	233 *	133 *	209 *	152 *	133 *	117 *	123 *	146 *
11	99 *	119 *	167 *	176 *	205 *	128 *	213 *	147 *	134 *	115 *	118 *	137 *
12	99 *	143 *	169 *	172 *	175 *	123 *	207 *	143 *	133 *	114 *	129 *	128 *
13	98 *	143 *	177 *	179 *	157 *	118 *	197 *	150 *	131 *	113 *	126 *	124 *
14	98 *	130 *	165 *	169 *	146 *	130 *	183 *	142 *	130 *	113 *	115 *	133 *
15	97 *	129 *	158 *	156 *	137 *	127 *	175 *	144 *	127 *	114 *	120 *	147 *
16	97 *	131 *	151 *	151 *	152 *	125 *	170 *	139 *	132 *	111 *	119 *	134 *
17	98 *	143 *	153 *	148 *	148 *	121 *	164 *	136 *	126 *	113 *	122 *	130 *
18	104 *	138 *	151 *	143 *	137 *	119 *	160 *	132 *	124 *	128 *	125 *	125 *
19	103 *	131 *	152 *	141 *	132 *	125 *	157 *	136 *	128 *	124 *	119 *	123 *
20	104 *	125 *	158 *	143 *	128 *	130 *	148 *	139 *	125 *	116 *	125 *	122 *
21	105 *	123 *	161 *	140 *	150 *	127 *	148 *	135 *	126 *	114 *	129 *	119 *
22	99 *	130 *	152 *	137 *	153 *	123 *	149 *	131 *	126 *	113 *	123 *	125 *
23	100 *	166 *	142 *	134 *	150 *	120 *	160 *	128 *	128 *	114 *	122 *	122 *
24	97 *	173 *	140 *	131 *	151 *	119 *	163 *	124 *	139 *	110 *	127 *	124 *
25	96 *	191 *	137 *	133 *	150 *	123 *	162 *	119 *	143 *	108 *	125 *	141 *
26	97 *	172 *	136 *	139 *	146 *	126 *	158 *	155 *	138 *	107 *	146 *	137 *
27	102 *	176 *	132 *	141 *	148 *	125 *	155 *	205 *	127 *	108 *	147 *	127 *
28	104 *	175 *	129 *	141 *	154 *	125 *	150 *	181 *	138 *	114 *	153 *	124 *
29	106 *		125 *	158 *	147 *	121 *	145 *	167 *	130 *	115 *	157 *	121 *
30	105 *		125 *	150 *	147 *	134 *	143 *	157 *	128 *	113 *	155 *	122 *
31	103 *		121 *		144 *		140 *	150 *		109 *		122 *
Nivel Max.	109 *	200 *	184 *	220 *	257 *	150 *	325 *	228 *	153 *	140 *	160 *	180 *
Día	1	25	12	10	5	4	8	27	8	18	28	2
Hora	17	17	17	17	17	7	17	7	7	17	17	17
Nivel Mín.	95 *	100 *	120 *	108 *	126 *	116 *	139 *	118 *	123 *	106 *	108 *	118 *
Día	25	1	31	5	20	13	31	31	18	26	1	21
Hora	17	17	17	7	17	17	17	17	17	17	7	17
Nivel Medio	101	134	147	142	166	130	177	144	134	116	126	133

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H791	BALSACON EN SAN ANDRES											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	35 *	33 *	35 *	35 *	38 *	38 *	35 *	34 *	35 *	37 *	39 *	30 *
2	36 *	34 *	35 *	35 *	38 *	38 *	35 *	34 *	35 *	38 *	39 *	32 *
3	36 *	35 *	34 *	35 *	38 *	38 *	35 *	34 *	35 *	37 *	40 *	35 *
4	35 *	35 *	34 *	35 *	38 *	40 *	35 *	34 *	34 *	36 *	40 *	31 *
5	35 *	35 *	35 *	38 *	38 *	40 *	35 *	34 *	34 *	36 *	43 *	35 *
6	35 *	35 *	35 *	38 *	38 *	40 *	35 *	34 *	34 *	36 *	40 *	36 *
7	34 *	34 *	34 *	38 *	39 *	40 *	35 *	34 *	35 *	37 *	40 *	33 *
8	34 *	35 *	35 *	35 *	39 *	39 *	35 *	34 *	35 *	36 *	40 *	35 *
9	36 *	35 *	35 *	35 *	39 *	39 *	35 *	34 *	35 *	36 *	40 *	33 *
10	36 *	34 *	35 *	35 *	39 *	39 *	35 *	34 *	34 *	37 *	40 *	35 *
11	33 *	35 *	35 *	35 *	40 *	39 *	37 *	35 *	35 *	35 *	40 *	34 *
12	35 *	35 *	35 *	35 *	40 *	38 *	37 *	35 *	35 *	36 *	40 *	34 *
13	34 *	35 *	35 *	38 *	40 *	38 *	37 *	35 *	34 *	37 *	38 *	35 *
14	35 *	35 *	36 *	39 *	39 *	38 *	37 *	35 *	34 *	37 *	39 *	36 *
15	35 *	35 *	36 *	38 *	38 *	38 *	37 *	35 *	36 *	37 *	40 *	35 *
16	34 *	35 *	37 *	38 *	38 *	40 *	37 *	35 *	35 *	38 *	40 *	36 *
17	33 *	35 *	40 *	34 *	35 *	40 *	37 *	33 *	35 *	38 *	39 *	37 *
18	34 *	35 *	41 *	34 *	35 *	40 *	34 *	33 *	36 *	36 *	40 *	37 *
19	36 *	35 *	41 *	34 *	35 *	40 *	34 *	33 *	36 *	37 *	40 *	36 *
20	34 *	34 *	38 *	35 *	35 *	40 *	34 *	34 *	34 *	37 *	40 *	37 *
21	36 *	35 *	38 *	35 *	35 *	39 *	34 *	34 *	36 *	36 *	43 *	36 *
22	36 *	35 *	37 *	34 *	34 *	39 *	34 *	34 *	37 *	37 *	43 *	35 *
23	34 *	35 *	36 *	34 *	34 *	39 *	34 *	35 *	36 *	37 *	41 *	36 *
24	34 *	35 *	36 *	34 *	34 *	35 *	35 *	36 *	35 *	38 *	43 *	37 *
25	35 *	35 *	35 *	34 *	34 *	35 *	35 *	36 *	36 *	39 *	43 *	36 *
26	36 *	34 *	33 *	35 *	34 *	37 *	35 *	36 *	34 *	39 *	45 *	35 *
27	35 *	35 *	35 *	38 *	34 *	39 *	33 *	36 *	35 *	39 *	47 *	36 *
28	34 *	35 *	35 *	38 *	34 *	39 *	33 *	35 *	36 *	38 *	50 *	37 *
29	37 *		34 *	38 *	34 *	39 *	33 *	35 *	37 *	39 *	40 *	35 *
30	36 *		35 *	38 *	34 *	40 *	34 *	34 *	38 *	39 *	40 *	36 *
31	35 *		35 *		34 *		35 *	35 *		39 *		37 *
Nivel Max.	37 *	36 *	42 *	39 *	40 *	40 *	37 *	36 *	38 *	39 *	50 *	37 *
Día	29	12	19	14	11	5	11	24	30	30	28	18
Hora	7	7	17	17	7	7	7	7	7	17	17	7
Nivel Mín.	33 *	33 *	33 *	34 *	34 *	35 *	33 *	33 *	34 *	35 *	37 *	30 *
Día	7	1	3	17	22	24	27	17	4	9	13	1
Hora	7	7	7	7	7	7	7	7	7	7	7	7
Nivel Medio	35	35	36	36	37	39	35	34	35	37	41	35

H792	CUTUCHI AJ YANAYACU											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	52 *	86 *	53 *	65 *	71 *	60 *	50 *	46 *	51 *	57 *	75 *	105 *
2	52 *	82 *	52 *	76 *	66 *	59 *	69 *	45 *	52 *	52 *	69 *	133 *
3	53 *	105 *	56 *	70 *	70 *	58 *	57 *	45 *	60 *	56 *	76 *	137 *
4	57 *	72 *	50 *	60 *	101 *	69 *	56 *	47 *	48 *	53 *	81 *	114 *
5	54 *	76 *	46 *	58 *	97 *	71 *	55 *	46 *	45 *	51 *	77 *	101 *
6	62 *	73 *	52 *	51 *	95 *	69 *	49 *	45 *	46 *	49 *	72 *	97 *
7	66 *	87 *	46 *	58 *	85 *	66 *	59 *	48 *	43 *	48 *	65 *	95 *
8	48 *	80 *	44 *	55 *	83 *	69 *	104 *	51 *	43 *	44 *	75 *	85 *
9	47 *	76 *	43 *	53 *	81 *	72 *	78 *	48 *	44 *	44 *	76 *	79 *
10	50 *	83 *	46 *	54 *	76 *	66 *	68 *	52 *	44 *	43 *	71 *	76 *
11	53 *	77 *	45 *	56 *	73 *	60 *	66 *	46 *	42 *	41 *	69 *	72 *
12	49 *	82 *	44 *	54 *	70 *	74 *	63 *	43 *	44 *	50 *	73 *	82 *
13	48 *	73 *	42 *	52 *	70 *	69 *	63 *	45 *	43 *	43 *	83 *	79 *
14	48 *	70 *	43 *	50 *	67 *	65 *	56 *	46 *	44 *	46 *	116 *	78 *
15	66 *	62 *	46 *	48 *	65 *	60 *	53 *	47 *	43 *	41 *	98 *	78 *
16	65 *	62 *	42 *	43 *	59 *	56 *	52 *	52 *	45 *	41 *	81 *	92 *
17	57 *	60 *	52 *	46 *	56 *	47 *	50 *	47 *	51 *	46 *	81 *	83 *
18	71 *	62 *	71 *	50 *	56 *	48 *	48 *	45 *	43 *	46 *	91 *	76 *
19	76 *	60 *	93 *	49 *	53 *	50 *	46 *	44 *	41 *	53 *	89 *	74 *
20	79 *	58 *	101 *	46 *	53 *	47 *	47 *	43 *	41 *	51 *	85 *	76 *
21	69 *	59 *	99 *	48 *	49 *	47 *	47 *	45 *	41 *	55 *	106 *	71 *
22	65 *	57 *	85 *	56 *	49 *	47 *	46 *	43 *	43 *	58 *	88 *	75 *
23	69 *	60 *	73 *	60 *	49 *	48 *	46 *	42 *	68 *	57 *	88 *	64 *
24	60 *	59 *	72 *	63 *	50 *	59 *	55 *	42 *	68 *	66 *	86 *	63 *
25	59 *	64 *	73 *	71 *	56 *	56 *	60 *	45 *	73 *	60 *	104 *	60 *
26	60 *	55 *	76 *	66 *	50 *	49 *	58 *	43 *	71 *	57 *	133 *	55 *
27	62 *	66 *	75 *	71 *	59 *	49 *	49 *	45 *	72 *	57 *	116 *	55 *
28	69 *	55 *	74 *	77 *	57 *	49 *	48 *	63 *	72 *	57 *	110 *	55 *
29	71 *		65 *	81 *	73 *	48 *	48 *	82 *	72 *	56 *	105 *	54 *
30	93 *		60 *	75 *	70 *	50 *	44 *	64 *	70 *	65 *	102 *	55 *
31	105 *		59 *		67 *		46 *	57 *		61 *		52 *
Nivel Max.	111 *	120 *	104 *	84 *	102 *	76 *	134 *	86 *	82 *	70 *	138 *	146 *
Día	31	3	20	29	4	12	8	29	23	24	26	2
Hora	7	7	7	7	17	7	17	7	17	7	7	17
Nivel Mín.	44 *	52 *	40 *	42 *	48 *	42 *	42 *	40 *	40 *	40 *	62 *	50 *
Día	8	26	16	16	21	17	30	23	11	11	7	31
Hora	17	17	17	17	17	17	17	17	17	17	17	17
Nivel Medio	62	70	61	59	67	58	56	48	52	52	88	80

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H793	NAGSICHE PLTA.ELEC.CUSUBAMBA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	50 *	55 *	38 *	50 *	48 *	65 *	40 *	35 *	30 *	40 *	86 *	115 *
2	60 *	55 *	38 *	60 *	48 *	65 *	48 *	35 *	30 *	35 *	70 *	96 *
3	60 *	55 *	38 *	55 *	48 *	65 *	40 *	35 *	30 *	35 *	70 *	90 *
4	40 *	50 *	38 *	45 *	58 *	65 *	40 *	35 *	30 *	35 *	60 *	90 *
5	20 *	50 *	38 *	45 *	58 *	65 *	35 *	35 *	30 *	35 *	50 *	90 *
6	20 *	48 *	30 *	40 *	55 *	70 *	35 *	45 *	30 *	30 *	53 *	80 *
7	18 *	45 *	30 *	40 *	55 *	60 *	70 *	45 *	38 *	30 *	81 *	75 *
8	18 *	45 *	25 *	43 *	58 *	55 *	83 *	43 *	45 *	30 *	65 *	70 *
9	15 *	55 *	25 *	45 *	55 *	45 *	65 *	40 *	45 *	30 *	65 *	70 *
10	15 *	55 *	25 *	45 *	50 *	43 *	55 *	40 *	45 *	30 *	68 *	70 *
11	15 *	60 *	38 *	50 *	50 *	43 *	50 *	40 *	50 *	30 *	68 *	65 *
12	15 *	65 *	38 *	50 *	50 *	40 *	45 *	35 *	45 *	30 *	78 *	65 *
13	15 *	65 *	38 *	48 *	49 *	40 *	40 *	35 *	35 *	30 *	73 *	60 *
14	15 *	65 *	38 *	45 *	48 *	40 *	40 *	35 *	35 *	30 *	75 *	55 *
15	20 *	60 *	38 *	45 *	48 *	40 *	38 *	35 *	33 *	30 *	75 *	50 *
16	25 *	50 *	68 *	45 *	45 *	40 *	35 *	35 *	30 *	30 *	70 *	50 *
17	45 *	45 *	100 *	40 *	45 *	35 *	35 *	33 *	30 *	35 *	70 *	50 *
18	53 *	45 *	108 *	40 *	45 *	35 *	40 *	30 *	30 *	35 *	65 *	50 *
19	45 *	45 *	100 *	40 *	45 *	35 *	40 *	30 *	15 *	35 *	65 *	45 *
20	45 *	40 *	113 *	40 *	48 *	30 *	40 *	30 *	15 *	35 *	80 *	50 *
21	40 *	40 *	95 *	40 *	50 *	30 *	40 *	30 *	15 *	35 *	85 *	50 *
22	38 *	45 *	70 *	40 *	50 *	30 *	40 *	45 *	63 *	35 *	60 *	50 *
23	40 *	50 *	60 *	40 *	55 *	30 *	50 *	50 *	85 *	35 *	70 *	50 *
24	40 *	50 *	60 *	43 *	65 *	35 *	55 *	45 *	60 *	35 *	60 *	50 *
25	40 *	50 *	60 *	45 *	60 *	35 *	55 *	45 *	58 *	35 *	70 *	45 *
26	40 *	50 *	55 *	53 *		35 *	53 *	40 *	55 *	35 *	106 *	45 *
27	55 *	45 *	53 *	60 *		35 *	40 *	55 *	50 *	35 *	106 *	45 *
28	55 *	45 *	48 *	60 *		30 *	40 *	55 *	50 *	55 *	80 *	45 *
29	55 *		45 *	58 *		30 *	40 *	73 *	50 *	55 *	75 *	40 *
30	65 *		45 *	53 *	45 *	30 *	35 *	30 *	50 *	65 *	75 *	45 *
31	65 *		50 *		60 *					60 *		45 *
Nivel Max.	65 *	65 *	116 *	60 *		70 *			111 *	70 *	112 *	115 *
Día	30	12	18	2		6			22	30	26	1
Hora	7	7	7	7		7			17	17	7	7
Nivel Mín.	15 *	40 *	25 *	40 *		30 *			15 *	30 *	45 *	40 *
Día	11	20	6	6		20			19	6	5	29
Hora	18	7	7	7		17			7	7	7	7
Nivel Medio	37	51	53	47	51	43	45	40	40	36	72	61

H799	CANAL MULALILLO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0 *		35 *	0 *	28 *	30 *	28 *	32 *	28 *	28 *	28 *	25 *
2	0 *		35 *	0 *	28 *	30 *	28 *	32 *	28 *	28 *	28 *	25 *
3	0 *		35 *	0 *	28 *	29 *	28 *	32 *	35 *	28 *	28 *	15 *
4	0 *		35 *	14 *	28 *	29 *	28 *	32 *	35 *	28 *	28 *	15 *
5	20 *		35 *	28 *	28 *	29 *	28 *	32 *	30 *	28 *	28 *	15 *
6	25 *		35 *	28 *	28 *	29 *	28 *	32 *	30 *	25 *	28 *	15 *
7	25 *		35 *	28 *	28 *	29 *	28 *	32 *	30 *	25 *	28 *	15 *
8	25 *		33 *	30 *	28 *	29 *	28 *	32 *	30 *	25 *	28 *	15 *
9	25 *		0 *	30 *	28 *	29 *	28 *	32 *	30 *	25 *	28 *	15 *
10	28 *		0 *	30 *	28 *	29 *	28 *	32 *	30 *	25 *	22 *	15 *
11	28 *		0 *	30 *	28 *	29 *	28 *	32 *	30 *	28 *	15 *	28 *
12	28 *		0 *	30 *	28 *	29 *	28 *	32 *	0 *	28 *	15 *	28 *
13	28 *		0 *	30 *	28 *	29 *	28 *	31 *	14 *	28 *	15 *	28 *
14	28 *		28 *	28 *	28 *	29 *	28 *	32 *	30 *	28 *	0 *	28 *
15	0 *		28 *	28 *	28 *	29 *	28 *	32 *	25 *	28 *	0 *	28 *
16	30 *		28 *	28 *	28 *	29 *	28 *	32 *	25 *	28 *	0 *	28 *
17	25 *		25 *	28 *	28 *	29 *	28 *	32 *	25 *	28 *	0 *	28 *
18	30 *		25 *	28 *	28 *	29 *	28 *	32 *	27 *	28 *	0 *	28 *
19	30 *		25 *	28 *	28 *	28 *	28 *	30 *	28 *	28 *	0 *	28 *
20	35 *		25 *	28 *	28 *	28 *	28 *	30 *	28 *	28 *	0 *	28 *
21	30 *		25 *	28 *	28 *	28 *	28 *	30 *	32 *	28 *	0 *	28 *
22	30 *		25 *	28 *	28 *	28 *	28 *	20 *	35 *	28 *	0 *	28 *
23	13 *		25 *	28 *	28 *	28 *	28 *	20 *	35 *	28 *	20 *	28 *
24	0 *		25 *	28 *	28 *	28 *	28 *	30 *	35 *	28 *	20 *	28 *
25	0 *		25 *	28 *	28 *	28 *	28 *	30 *	35 *	28 *	20 *	28 *
26	0 *		25 *	28 *		28 *	28 *	30 *	35 *	28 *	20 *	28 *
27	28 *		25 *	29 *		28 *	28 *	30 *	35 *	25 *	15 *	28 *
28	28 *		25 *	30 *		28 *	28 *	30 *	35 *	25 *	10 *	28 *
29	35 *		25 *	30 *		28 *	28 *	30 *	30 *	25 *	25 *	28 *
30	35 *		25 *	28 *		28 *	28 *	30 *	30 *	25 *	25 *	28 *
31	35 *		25 *									28 *
Nivel Max.	35 *		35 *	30 *		30 *			35 *		28 *	28 *
Día	18		1	9		1			3		1	18
Hora	7		7	17		7			7		7	17
Nivel Mín.	0 *		0 *	0 *		28 *			0 *		0 *	15 *
Día	1		9	1		12			12		14	7
Hora	7		7	7		17			17		7	7
Nivel Medio	21		24	25	28	29	28	31	29	27	16	24

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H817	PATATE DJ AMBATO											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	75 *	113 *	102 *	79 *	92 *	99 *	99 *	75 *	99 *	94 *	102 *	202 *
2	99 *	109 *	96 *	89 *	87 *	99 *	100 *	75 *	87 *	99 *	101 *	148 *
3	105 *	109 *	84 *	91 *	88 *	102 *	141 *	72 *	80 *	96 *	99 *	132 *
4	107 *	106 *	96 *	91 *	111 *	100 *	117 *	72 *	76 *	86 *	99 *	127 *
5	87 *	106 *	96 *	94 *	206 *	106 *	108 *	81 *	76 *	89 *	89 *	123 *
6	87 *	105 *	95 *	89 *	126 *	104 *	126 *	82 *	73 *	90 *	86 *	124 *
7	84 *	93 *	96 *	89 *	115 *	107 *	123 *	82 *	99 *	94 *	88 *	112 *
8	83 *	95 *	95 *	87 *	113 *	100 *	151 *	73 *		92 *	86 *	114 *
9	83 *	96 *	93 *	90 *	112 *	99 *	127 *	76 *	99 *	88 *	87 *	115 *
10	82 *	99 *	89 *	92 *	113 *	101 *	150 *	73 *	89 *	87 *	89 *	116 *
11	80 *	100 *	83 *	92 *	106 *	106 *		72 *	88 *	83 *	93 *	121 *
12		98 *	86 *	82 *	100 *	100 *	111 *	90 *	89 *	86 *	95 *	116 *
13	79 *	89 *	79 *	77 *	96 *	99 *	112 *	67 *	80 *	94 *	105 *	99 *
14	80 *	89 *	83 *			106 *	109 *	66 *	78 *	93 *	106 *	
15	92 *		93 *	86 *	96 *	102 *	105 *	72 *	66 *		103 *	
16	87 *	90 *	95 *	86 *	94 *	99 *	97 *	66 *	99 *	92 *	99 *	100 *
17	88 *	92 *	111 *	85 *	93 *	102 *	91 *	66 *	106 *	89 *	107 *	99 *
18	89 *	92 *	113 *	86 *	82 *	99 *	92 *	64 *		93 *	107 *	
19	95 *	95 *	111 *	84 *	78 *	99 *	86 *	67 *	100 *	94 *	106 *	101 *
20	96 *	98 *	105 *	83 *	73 *	102 *	86 *	66 *	96 *		106 *	89 *
21	96 *	96 *	104 *	86 *	89 *	102 *	88 *	65 *	98 *	92 *	107 *	92 *
22	98 *	113 *	107 *	90 *	92 *	99 *	75 *	72 *	96 *	89 *	109 *	97 *
23	98 *	106 *	106 *	96 *	111 *	99 *	78 *	73 *	96 *	88 *	163 *	98 *
24	102 *	96 *	101 *	98 *	126 *	99 *	85 *	72 *	98 *	86 *	184 *	99 *
25	100 *	90 *	99 *	93 *	124 *	101 *	83 *	68 *	89 *	87 *	189 *	102 *
26	100 *	92 *	87 *	93 *	119 *	94 *		67 *	73 *	93 *	162 *	95 *
27	99 *	95 *	86 *	98 *	113 *	94 *	82 *	68 *	82 *	96 *	148 *	75 *
28	98 *	92 *	79 *	97 *	100 *	98 *	82 *	126 *	82 *	102 *	142 *	78 *
29	99 *		79 *	97 *	89 *	99 *	78 *	127 *	74 *	99 *	131 *	138 *
30	94 *		82 *	95 *	91 *	101 *	74 *	115 *	73 *	93 *	126 *	99 *
31	96 *		83 *				74 *	107 *		94 *		85 *
Nivel Max.			113 *			111 *		128 *			205 *	
Día			18			14		28			24	
Hora			16			8		8			17	
Nivel Mín.			75 *			91 *		60 *			85 *	
Día			3			27		16			6	
Hora			8			8		9			8	
Nivel Medio	92	98	94	89	104	100	101	78	87	91	114	110

H826	CHAMBO EN HDA.CAHUAJI											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0 *	0 *	66 *	0 *		4 *	103 *	5 *	4 *	6 *	17 *	21 *
2	0 *	0 *	29 *	0 *		3 *	96 *	4 *	6 *	6 *	19 *	44 *
3	0 *	1 *	26 *	0 *		3 *	35 *	5 *	4 *	9 *	27 *	14 *
4	0 *	0 *	5 *	0 *		3 *	23 *	6 *	2 *	11 *	7 *	14 *
5	0 *	0 *	2 *	0 *		5 *	26 *	9 *	3 *	15 *	5 *	15 *
6	0 *	0 *	0 *	0 *		5 *	75 *	59 *	6 *	13 *	5 *	13 *
7	0 *	0 *	0 *	48 *		4 *	157 *	38 *	2 *	19 *	23 *	34 *
8	0 *	2 *	2 *	24 *		10 *	180 *	14 *	11 *	22 *	16 *	61 *
9	0 *	7 *	9 *	51 *		2 *	74 *	8 *	4 *	24 *	5 *	24 *
10	0 *	7 *	45 *	15 *		0 *	81 *	3 *	3 *	18 *	10 *	11 *
11	0 *	9 *	37 *	17 *		0 *	77 *	6 *	2 *	19 *	10 *	10 *
12	0 *	21 *	76 *	65 *		0 *	83 *	5 *	5 *	14 *	34 *	6 *
13	0 *	38 *	71 *	78 *		0 *	81 *	5 *	2 *	14 *	40 *	4 *
14	0 *	38 *	44 *	30 *		0 *	71 *	5 *	5 *	21 *	14 *	4 *
15	0 *	36 *	34 *	15 *		0 *	61 *	4 *	10 *	21 *	9 *	25 *
16	0 *	44 *	19 *	7 *		0 *	39 *	7 *	12 *	23 *	6 *	37 *
17	3 *	10 *	6 *	10 *		0 *	38 *	6 *	6 *	21 *	5 *	9 *
18	7 *	12 *	7 *	13 *		0 *	36 *	9 *	1 *	23 *	5 *	4 *
19	4 *	3 *	34 *	11 *		25 *	36 *	18 *	9 *	20 *	6 *	7 *
20	0 *	2 *	52 *	19 *		10 *	34 *	12 *	10 *	17 *	5 *	5 *
21	0 *	3 *	48 *	10 *		5 *	36 *	23 *	13 *	12 *	15 *	12 *
22	0 *	52 *	37 *	9 *		13 *	38 *	4 *	18 *	12 *	35 *	13 *
23	0 *	101 *	6 *	5 *		27 *	37 *	5 *	17 *	18 *	21 *	27 *
24	0 *	127 *	3 *	6 *		30 *	54 *	10 *	5 *	20 *	11 *	32 *
25	0 *	121 *	2 *	16 *		1 *	29 *	11 *	13 *	23 *	24 *	43 *
26	0 *	62 *	3 *	7 *		4 *	30 *	11 *	5 *	23 *	40 *	8 *
27	3 *	57 *	3 *	15 *		7 *	23 *	44 *	5 *	19 *	37 *	2 *
28	1 *	91 *	2 *	18 *		7 *	13 *	81 *	6 *	20 *	57 *	8 *
29	0 *		0 *	13 *		11 *	5 *	43 *	5 *	13 *	38 *	11 *
30	0 *		0 *	18 *		6 *	3 *	14 *	5 *		21 *	15 *
31	0 *		0 *				3 *	4 *		21 *		19 *
Nivel Max.	8 *	164 *	100 *	92 *		30 *	200 *	130 *	28 *	25 *	76 *	76 *
Día	18	23	1	13		24	8	28	22	9	28	2
Hora	17	17	7	7		7	17	7	7	7	17	17
Nivel Mín.	0 *	0 *	0 *	0 *		0 *	2 *	0 *	0 *	5 *	4 *	2 *
Día	1	1	6	1		14	30	10	18	1	9	27
Hora	7	7	17	7		17	17	17	17	7	17	7
Nivel Medio	1	30	21	17		6	54	15	6	17	19	18

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H889	ZAMORA DJ SABANILLA(EN ZAMORA)											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	42 *	31 *	112 *	58	78 *	90 *	237 *	71	73	58	55 *	55 *
2	40 *	30 *	98 *	61	118 *	101 *	169 *	76	70	58	83 *	64 *
3	40 *	40 *	85 *	59	201 *	93 *	100 *	71	70	59	133 *	60 *
4	49 *	33 *	113 *	58	217 *	78 *	78 *	89	69	53 *	68 *	51 *
5	41 *	46 *	83	53	215 *	77 *	127 *	114	65	52 *	79 *	49 *
6	39 *	42 *	76	71	155 *	72 *	182 *	119	65	64 *	165 *	57 *
7	39 *	36 *	102	123	104 *	71 *	172 *	176	63	61 *	132 *	131 *
8	38 *	58 *	128	214	115 *	68 *	202 *	173	77	56 *	93 *	161 *
9	37 *	52 *	172	163	183 *	65 *	168 *	153	62	53 *	75 *	127 *
10	37 *	75 *	213	109	179 *	64 *	116 *	115	57	49 *	65 *	110 *
11	36 *	51 *	182	110	121 *	62 *	129 *	93	64	47 *	59 *	91 *
12	35 *	53 *	165	173	105 *	62 *	105 *	87	88	45 *	81 *	73 *
13	38 *	63 *	162	172	100 *	61 *	95 *	81	73	45 *	59 *	54 *
14	46 *	58 *	168	128	132 *	73 *	89 *	76	79	44 *	57 *	73 *
15	64 *	101 *	118	119	102 *	67 *	84 *	72	69	44 *	50 *	63 *
16	51 *	118 *	107	95	96 *	101 *	80 *	72	116	43 *	49 *	59 *
17	44 *	70 *	135	88	100 *	112 *	78 *	76	125	42 *	47 *	53 *
18	73 *	111 *	125	96	134 *	73 *	74 *	80	75	41 *	54 *	62 *
19	52 *	77 *	111	95	156 *	151 *	77	66	63	41 *	55 *	62 *
20	50 *	58 *	105	80	180 *	98 *	74	100	59	41 *	50 *	64 *
21	41 *	116 *	92	78	127 *	71 *	133	136	57	43 *	63 *	55 *
22	38 *	148 *	85	75	105 *	65 *	117	98	55	56 *	91 *	72 *
23	36 *	268 *	79	73	105 *	62 *	104	72	56	65 *	73 *	135 *
24	35 *	170 *	76	68	135 *	60 *	121	68	81	55 *	60 *	104 *
25	36 *	178 *	73	68	169 *	78 *	150	90	59	60 *	67 *	150 *
26	36 *	113 *	70	69	108 *	64 *	103	136	113	49 *	73 *	80 *
27	37 *	168 *	65	68	112 *	58 *	86	160	77	45 *	54 *	55 *
28	44 *	183 *	65	75	103 *	63 *	79	126	80	55 *	50 *	70 *
29	40 *		63	142	92 *	83 *	75	104	85	56 *	48 *	168 *
30	34 *		62	105 *	88 *	92 *	72	86	61	59 *	49 *	68 *
31	32 *		65		87 *		70	77		100 *		99 *
Nivel Max.	84 *	275 *	250 *	279	260 *	162 *	237 *	242	182	125 *	185 *	270 *
Día	18	23	10	8	4	19	1	6	16	31	3	29
Hora	7	18	7	7.5	18	7	18	22.5	17.1	7	18	18
Nivel Mín.	32 *	29 *	60	51	75 *	57 *	69	65	53	41 *	46 *	48 *
Día	31	2	30	6	1	28	31	19	23	17	17	5
Hora	7	18	23.1	3.5	18	7	14.3	16	13.5	18	18	18
Nivel Medio	42	91	108	98	130	78	114	100	74	53	71	83

H895	TOMBAMBA EN MONAY											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	9 *	40 *	63 *	38 *	74 *	37 *	25 *	29 *	31 *	29 *	57 *	83 *
2	7 *	37 *	60 *	37 *	61 *	36 *	60 *	30 *	29 *	27 *	45 *	80 *
3	8 *	39 *	57 *	37 *	58 *	45 *	43 *	30 *	25 *	31 *	53 *	111 *
4	10 *	31 *	51 *	34 *	137 *	45 *	41 *	27 *	26 *	29 *	59 *	89 *
5	6 *	37 *	51 *	32 *	172 *	42 *	41 *	24 *	20 *	27 *	74 *	78 *
6	6 *	38 *	44 *	26 *	99 *	49 *	60 *	23 *	18 *	28 *	88 *	70 *
7	7 *	41 *	38 *	31 *	85 *	42 *	44 *	22 *	20 *	21 *	116 *	59 *
8	8 *	37 *	42 *	85 *	112 *	36 *	107 *	39 *	29 *	20 *	129 *	64 *
9	9 *	36 *	40 *	92 *	147 *	38 *	80 *	49 *	24 *	21 *	94 *	58 *
10	10 *	40 *	59 *	98 *	158 *	44 *	71 *	45 *	21 *	21 *	70 *	58 *
11	9 *	34 *	85 *	117 *	132 *	33 *	55 *	41 *	18 *	16 *	62 *	58 *
12	9 *	27 *	89 *	115 *	83 *	35 *	52 *	36 *	24 *	15 *	112 *	64 *
13	7 *	30 *	95 *	104 *	71 *	32 *	82 *	34 *	38 *	14 *	100 *	55 *
14	9 *	26 *	80 *	91 *	86 *	26 *	69 *	31 *	45 *	12 *	75 *	138 *
15	11 *	28 *	72 *	79 *	79 *	25 *	58 *	28 *	36 *	10 *	63 *	134 *
16	21 *	41 *	70 *	69 *	70 *	26 *	53 *	26 *	31 *	11 *	58 *	123 *
17	29 *	42 *	145 *	66 *	64 *	24 *	47 *	25 *	26 *	9 *	64 *	103 *
18	33 *	47 *	155 *	63 *	56 *	23 *	46 *	27 *	22 *	11 *	76 *	93 *
19	36 *	62 *	132 *	61 *	55 *	25 *	40 *	24 *	20 *	9 *	73 *	87 *
20	37 *	51 *	125 *	78 *	52 *	24 *	43 *	22 *	21 *	11 *	102 *	88 *
21	38 *	47 *	111 *	80 *	53 *	26 *	40 *	20 *	37 *	47 *	103 *	81 *
22	36 *	40 *	83 *	73 *	50 *	24 *	36 *	19 *	23 *	54 *	88 *	74 *
23	34 *	62 *	65 *	63 *	50 *	22 *	42 *	17 *	22 *	61 *	79 *	68 *
24	31 *	66 *	58 *	60 *	52 *	20 *	33 *	12 *	35 *	55 *	87 *	62 *
25	20 *	59 *	60 *	58 *	51 *	96 *	30 *	11 *	34 *	39 *	111 *	58 *
26	29 *	56 *	56 *	62 *	52 *	44 *	32 *	14 *	26 *	22 *	186 *	56 *
27	36 *	52 *	48 *	79 *	49 *	36 *	32 *	14 *	50 *	32 *	135 *	52 *
28	40 *	60 *	47 *	94 *	46 *	30 *	31 *	35 *	61 *	70 *	121 *	47 *
29	42 *		38 *	89 *	38 *	25 *	38 *	36 *	47 *	62 *	99 *	45 *
30	66 *		37 *	85 *	37 *	22 *	37 *	49 *	37 *	69 *	97 *	42 *
31	48 *		33 *		40 *		35 *	38 *		65 *		37 *
Nivel Max.	73 *	68 *	168 *	126 *	207 *	105 *	160 *	52 *	71 *	79 *	197 *	140 *
Día	30	24	17	11	4	25	8	29	27	30	26	14
Hora	17	18	18	18	18	7	18	18	18	18	18	8
Nivel Mín.	5 *	25 *	32 *	24 *	36 *	19 *	24 *	10 *	17 *	7 *	44 *	35 *
Día	5	14	31	6	30	24	1	25	6	17	2	31
Hora	17	18	18	18	7	18	17	8	7	7	18	18
Nivel Medio	22	43	70	70	76	34	48	28	30	30	89	74

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H896	MATADERO EN SAYAUSI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	25 *	94 *	105 *	59 *	103 *	88 *	82 *	80	86	86	92	112
2	24 *	78 *	109 *	58 *	105 *	86 *	107 *	79	81	83	90	111
3	42 *	57 *	122 *	58 *	122 *	85 *	94 *	78	78	80	97	108
4	36 *	55 *	99 *	59 *	185 *	95 *	83 *	75	77	77	103	106
5	28 *	61 *	88 *	58 *	196 *	102 *	79 *	75	72	75	119	97
6	26 *	63 *	86 *	49 *	178 *	97 *	107 *	75	70	73	107	92
7	25 *	67 *	80 *	54 *	153 *	85 *	162 *	86	70	71	105	89
8	24 *	61 *	75 *	127 *	152 *	85 *	152 *	107	79	72	121	90
9	24 *	58 *	77 *	141 *	200 *	81 *	145 *	101	74	72	110	86
10	23 *	85 *	101 *	139 *	184 *	75 *	132 *	101	71	72	103	90
11	23 *	76 *	115 *	135 *	186 *	71 *	130 *	96	74	68	98	86
12	23 *	69 *	105 *	134 *	141 *	69 *	127 *	91	77	65	136	82
13	21 *	72 *	104 *	141 *	132 *	69 *	120 *	87	83	63	126	79
14	20 *	68 *	102 *	125 *	123 *	68 *	112 *	84	86	62	122	103
15	20 *	68 *	90 *	112 *	117 *	67 *	107 *	82	81	59	116	136
16	42 *	77 *	91 *	105 *	107 *	68 *	101 *	79	78	56	106	146
17	43 *	83 *	143 *	100 *	103 *	66 *	95	76	79	56	99	129
18	42 *	117 *	156 *	93 *	101 *	64 *	93	76	76	53	112	120
19	48 *	102 *	153 *	86 *	99 *	62 *	88	73	72	59	109	119
20	58 *	86 *	130 *	85 *	97 *	62 *	86	72	72	60	125	119
21	57 *	84 *	117 *	88 *	93 *	62 *	86	71	76	123	147	111
22	53 *	84 *	102 *	86 *	89 *	61 *	86	67	79	103	133	102
23	50 *	96 *	95 *	85 *	93 *	60 *	90	64	73	87	120	96
24	43 *	99 *	90 *	97 *	101 *	66 *	93	64	76	82	118	93
25	36 *	122 *	88 *	94 *	101 *	102 *	104	66	84	77	142	92
26	32 *	107 *	87 *	89 *	98 *	97 *	106	76	115	74	183	89
27	54 *	106 *	79 *	101 *	99 *	83 *	99	92	107	76	147	84
28	48 *	113 *	74 *	125 *	100 *	74 *	95	102	100	87	133	80
29	60 *		71 *	132 *	94 *	69 *	89	104	101	93	125	78
30	85 *		66 *	115 *	91 *	69 *	84	100	93	96	119	77
31	81 *		62 *		90 *		81	92		91		75
Nivel Max.	91 *	128 *	168 *	148 *	248 *	105 *	195 *	122	173	197	218	168
Día	30	25	19	13	4	25	7	8	25	21	26	16
Hora	7	7	6	7	18	7	18	13.4	23	0.2	3.4	1.2
Nivel Mín.	20 *	54 *	61 *	49 *	88 *	60 *	75 *	63	68	52	88	74
Día	13	4	31	6	22	23	6	24	6	18	2	31
Hora	18	7	18	7	18	7	7	0.5	8.1	19.1	16.1	10.3
Nivel Medio	39	82	99	98	123	76	104	83	81	76	119	99

H897	SURUCUCHO AJ LLULLUCCHAS											CREA
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	32 *	51 *	73 *	54 *	70 *	50 *	42 *	83 *	61 *	43 *	58 *	73 *
2	33 *	53 *	70 *	57 *	71 *	48 *	44 *	80 *	59 *	44 *	60 *	74 *
3	35 *	52 *	67 *	55 *	73 *	48 *	48 *	59 *	57 *	45 *	61 *	65 *
4	36 *	45 *	64 *	54 *	74 *	48 *	53 *	57 *	58 *	46 *	61 *	62 *
5	36 *	46 *	66 *	51 *	77 *	50 *	58 *	55 *	61 *	49 *	63 *	61 *
6	37 *	53 *	66 *	49 *	79 *	51 *	66 *	52 *	63 *	50 *	63 *	54 *
7	40 *	56 *	67 *	48 *	83 *	52 *	71 *	49 *	66 *	50 *	64 *	51 *
8	42 *	56 *	70 *	51 *	83 *	54 *	76 *	49 *	67 *	49 *	64 *	55 *
9	43 *	59 *	72 *	55 *	80 *	54 *	79 *	52 *	68 *	48 *	61 *	55 *
10	44 *	60 *	73 *	59 *	77 *	54 *	83 *	54 *	69 *	48 *	55 *	53 *
11	45 *	62 *	74 *	64 *	76 *	51 *	84 *	57 *	68 *	48 *	58 *	53 *
12	45 *	62 *	76 *	67 *	76 *	49 *	85 *	58 *	66 *	49 *	56 *	56 *
13	50 *	62 *	80 *	69 *	74 *	48 *	87 *	56 *	64 *	52 *	59 *	60 *
14	49 *	66 *	82 *	69 *	72 *	47 *	88 *	55 *	62 *	53 *	61 *	63 *
15	48 *	70 *	85 *	70 *	72 *	46 *	87 *	53 *	62 *	54 *	62 *	73 *
16	47 *	70 *	87 *	71 *	70 *	45 *	85 *	52 *	61 *	56 *	64 *	69 *
17	45 *	76 *	88 *	71 *	69 *	44 *	81 *	51 *	58 *	57 *	67 *	74 *
18	42 *	73 *	89 *	68 *	70 *	45 *	83 *	48 *	57 *	58 *	69 *	71 *
19	41 *	74 *	88 *	68 *	70 *	47 *	82 *	51 *	54 *	60 *	71 *	70 *
20	43 *	71 *	85 *	66 *	72 *	47 *	80 *	54 *	53 *	62 *	74 *	64 *
21	46 *	70 *	82 *	65 *	74 *	51 *	83 *	54 *	51 *	63 *	77 *	68 *
22	46 *	69 *	79 *	63 *	74 *	51 *	85 *	58 *	50 *	62 *	81 *	67 *
23	45 *	68 *	75 *	62 *	73 *	49 *	83 *	60 *	49 *	59 *	84 *	65 *
24	43 *	67 *	70 *	58 *	71 *	46 *	82 *	59 *	48 *	59 *	86 *	64 *
25	41 *	66 *	68 *	58 *	68 *	45 *	81 *	57 *	49 *	59 *	89 *	63 *
26	39 *	66 *	66 *	57 *	67 *	44 *	78 *	54 *	51 *	57 *	87 *	62 *
27	39 *	67 *	65 *	59 *	64 *	43 *	74 *	54 *	51 *	56 *	84 *	61 *
28	41 *	68 *	59 *	61 *	60 *	45 *	70 *	56 *	52 *	55 *	77 *	59 *
29	43 *		57 *	64 *	58 *	47 *	66 *	56 *	51 *	54 *	77 *	58 *
30	47 *		54 *	69 *	56 *	46 *	63 *	56 *	48 *	56 *	75 *	57 *
31	48 *		53 *		52 *		61 *	58 *		58 *		55 *
Nivel Max.	50 *	80 *	89 *	71 *	83 *	54 *	88 *	104 *	70 *	63 *	89 *	78 *
Día	13	17	17	16	7	9	14	1	10	20	25	2
Hora	6	18	18	18	18	18	7	6	6	18	6	18
Nivel Mín.	32 *	40 *	52 *	48 *	50 *	43 *	42 *	48 *	48 *	43 *	51 *	51 *
Día	1	4	31	7	31	27	1	7	23	1	10	7
Hora	6	6	18	6	18	6	18	18	18	6	18	6
Nivel Medio	42	62	72	61	71	48	74	56	58	53	69	62

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H899	SAN FRANCISCO EN GUALACEO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	65 *	67 *	95 *	65 *	65 *	83 *	97 *	72 *	91 *	76 *	67 *	81 *
2	64 *	66 *	86 *	69 *	66 *	80 *	100 *	72 *	87 *	75 *	66 *	86 *
3	63 *	64 *	80 *	76 *	85 *	77 *	107 *	76 *	83 *	74 *	71 *	84 *
4	63 *	64 *	76 *	72 *	128 *	76 *	106 *	79 *	79 *	73 *	77 *	81 *
5	62 *	69 *	72 *	67 *	168 *	76 *	111 *	143 *	89 *	69 *	85 *	79 *
6	64 *	75 *	69 *	64 *	137 *	75 *	101 *	119 *	94 *	68 *	94 *	77 *
7	64 *	76 *	67 *	80 *	144 *	73 *	115 *	121 *	89 *	67 *	85 *	76 *
8	63 *	74 *	74 *	171 *	186 *	72 *	122 *	184 *	82 *	68 *	81 *	73 *
9	61 *	75 *	83 *	170 *	191 *	71 *	122 *	209 *	76 *	75 *	86 *	77 *
10	59 *	71 *	83 *	119 *	189 *	70 *	129 *	132 *	83 *	75 *	83 *	76 *
11	58 *	86 *	86 *	113 *	137 *	68 *	136 *	106 *	96 *	74 *	82 *	74 *
12	60 *	83 *	86 *		106 *	67 *	140 *	83 *	95 *	76 *	84 *	73 *
13	62 *	89 *	96 *	102 *	116 *	68 *	131 *	79 *	92 *	76 *	81 *	89 *
14	64 *	110 *	103 *	95 *	96 *	71 *	111 *	78 *	89 *	76 *	78 *	114 *
15	66 *	115 *	93 *	91 *	97 *	75 *	99 *	76 *	87 *	75 *	76 *	151 *
16	66 *	106 *	84 *	86 *	94 *	76 *	92 *	79 *	84 *	74 *	79 *	165 *
17	66 *	101 *	80 *	81 *	91 *	77 *	87 *	82 *	83 *	73 *	82 *	118 *
18	69 *	97 *	86 *	78 *	95 *	77 *	81 *	83 *	82 *	71 *	78 *	95 *
19	73 *	93 *	88 *	77 *	90 *	73 *	79 *	78 *	81 *	75 *	82 *	80 *
20	76 *	91 *	83 *	74 *	101 *	71 *	78 *	91 *	79 *	81 *	85 *	79 *
21	76 *	88 *	79 *	70 *	96 *	69 *	89 *	97 *	76 *		85 *	85 *
22	79 *	101 *	78 *	74 *	84 *	68 *	112 *	86 *	75 *	84 *	82 *	88 *
23	73 *	162 *	77 *	77 *	90 *	66 *	130 *	79 *	78 *	81 *		92 *
24	65 *	150 *	76 *	78 *	98 *	68 *	155 *	107 *	78 *	77 *	79 *	87 *
25	60 *	142 *	75 *	81 *	102 *	71 *	127 *	140 *	74 *	81 *	86 *	86 *
26	59 *	132 *	73 *	77 *	93 *	76 *	110 *	144 *	71 *	77 *	85 *	84 *
27	62 *	116 *	72 *	76 *	87 *	77 *	97 *	159 *	71 *	72 *	83 *	80 *
28	68 *	104 *		73 *	84 *	76 *	88 *	134 *	72 *	71 *	81 *	75 *
29	72 *		68 *	72 *	81 *	75 *	81 *	142 *	72 *	71 *	77 *	74 *
30	71 *		67 *	71 *	78 *	74 *	76 *	111 *	74 *	70 *	76 *	72 *
31	69 *		66 *		81 *		74 *			69 *		70 *
Nivel Max.	79 *	165 *			198 *	84 *	158 *		98 *			184 *
Día	22	23			10	1	24		11			16
Hora	6	6			6	6	6		18			6
Nivel Mín.	57 *	63 *			63 *	66 *	73 *		69 *			62 *
Día	11	3			1	12	31		27			31
Hora	18	18			18	18	18		6			18
Nivel Medio	66	95	80	86	108	73	106	108	82	74	80	88

H902	DUDAS EN PINDILIG											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	18 *	18 *	17 *	22 *	33 *	39 *	39 *	69 *	30 *			
2	18 *	18 *	17 *	23 *	32 *	41 *	43 *	56 *	32 *			
3	17 *	17 *	16 *	23 *	31 *	43 *	48 *	53 *	35 *			
4	17 *	18 *	15 *	25 *	31 *	46 *	56 *	44 *	46 *			
5	17 *	18 *	17 *	27 *	30 *	45 *	59 *	30 *	49 *			
6	18 *	18 *	16 *	26 *	30 *	44 *	75 *	35 *	37 *			
7	18 *	19 *	16 *	25 *	31 *	43 *	83 *	77 *	28 *			
8	17 *	19 *	16 *	25 *	30 *	45 *	98 *	80 *	29 *			
9	17 *	19 *	15 *	26 *	29 *	47 *	103 *	83 *	19 *			
10	16 *	20 *	14 *	27 *	29 *	46 *	105 *	79 *	15 *			
11	16 *	20 *	14 *	26 *	28 *	46 *	100 *	66 *	18 *			
12	17 *	19 *	13 *	26 *	27 *	45 *	98 *	55 *	20 *			
13	17 *	18 *	14 *	25 *	28 *	45 *	91 *	43 *	19 *			
14	17 *	18 *	15 *	24 *	27 *	44 *	86 *	47 *	16 *			
15	16 *	17 *	16 *	23 *	29 *	45 *	84 *	36 *	17 *			
16	16 *	18 *	16 *	23 *	28 *	44 *	80 *	35 *	15 *			
17	17 *	18 *	17 *	24 *	29 *	43 *	79 *	33 *	23 *			
18	17 *	17 *	17 *	25 *	29 *	43 *	77 *	28 *	20 *			
19	17 *	16 *	16 *	25 *	30 *	42 *	63 *	22 *	19 *			
20	18 *	16 *	16 *	27 *	32 *	41 *	60 *	19 *	16 *			
21	18 *	15 *	17 *	28 *	34 *	41 *	58 *	16 *	18 *			
22	18 *	16 *	18 *	30 *	33 *	40 *	55 *	37 *	26 *			
23	18 *	15 *	18 *	31 *	33 *	40 *	52 *	44 *	28 *			
24	17 *	14 *	17 *	35 *	32 *	40 *	44 *	38 *	33 *			
25	17 *	14 *	16 *	33 *	35 *	39 *	41 *	24 *	35 *			
26	18 *	15 *	17 *	32 *	38 *	38 *	33 *	20 *	47 *			
27	18 *	15 *	18 *	31 *	37 *	37 *	30 *	26 *	40 *			
28	18 *	16 *	19 *	31 *	38 *	36 *	27 *	26 *	43 *			
29	17 *		20 *	33 *	39 *	36 *	25 *	38 *	50 *			
30	17 *		21 *	32 *	38 *	35 *	17 *	40 *	41 *			
31	16 *		21 *				16 *	43 *				
Nivel Max.	18 *	20 *	21 *	35 *		47 *	105 *	83 *	50 *			
Día	1	10	30	24		9	10	9	29			
Hora	7	7	7	7		7	7	7	7			
Nivel Mín.	16 *	14 *	13 *	22 *		35 *	16 *	16 *	15 *			
Día	10	25	12	1		30	31	21	10			
Hora	7	7	7	7		7	7	7	7			
Nivel Medio	17	17	17	27	32	42	62	43	29			

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

H929	COLLAY AJ PAUTE											INCEC
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	149 *	146 *	148 *	198 *	201 *	144 *	213 *	174 *	170 *	170 *	160 *	167 *
2	149 *	149 *	148 *	189 *	199 *	143 *	223 *	173 *	169 *	169 *	160 *	167 *
3	148 *	151 *	151 *	218 *	194 *	143 *	204 *	168 *	168 *	169 *	159 *	168 *
4	149 *	152 *	154 *	219 *	178 *	142 *	208 *	165 *	165 *	169 *	160 *	167 *
5	150 *	153 *	164 *	220 *	170 *	142 *	203 *	168 *	166 *	168 *	161 *	167 *
6	150 *	151 *	169 *	211 *	162 *	141 *	199 *	165 *	165 *	168 *	177 *	175 *
7	151 *	151 *	163 *	214 *	153 *	141 *	196 *	159 *	181 *	168 *	193 *	187 *
8	147 *	150 *	169 *	205 *	151 *	142 *	196 *	157 *	189 *	169 *	193 *	187 *
9	147 *	151 *	183 *	200 *	150 *	143 *	193 *	154 *	187 *	169 *	192 *	186 *
10	149 *	151 *	189 *	201 *	149 *	144 *	196 *	152 *	180 *	168 *	191 *	184 *
11	149 *	151 *	182 *	202 *	151 *	144 *	203 *	165 *	178 *	165 *	183 *	185 *
12	149 *	151 *	173 *	193 *	150 *	143 *	216 *	164 *	176 *	166 *	183 *	183 *
13	150 *	150 *	168 *	189 *	149 *	140 *	219 *	165 *	180 *	165 *	182 *	183 *
14	148 *	148 *	170 *	191 *	150 *	139 *	211 *	163 *	178 *	167 *	178 *	180 *
15	148 *	149 *	170 *	192 *	151 *	139 *	158 *	163 *	175 *	166 *	172 *	180 *
16	148 *	149 *	170 *	190 *	150 *	140 *	213 *	162 *	174 *	164 *	170 *	181 *
17	149 *		170 *	218 *	148 *	142 *	252 *	163 *	173 *	162 *	171 *	176 *
18	149 *		167 *		146 *	142 *	274 *	162 *	172 *	162 *	169 *	173 *
19	149 *	151 *	165 *		147 *	143 *	273 *	162 *	170 *	162 *	165 *	171 *
20	157 *	152 *	159 *	209 *	146 *	144 *	244 *	162 *	171 *	160 *	163 *	171 *
21	160 *	154 *	173 *	206 *		145 *	201 *	162 *	169 *	160 *	163 *	168 *
22	156 *	155 *	188 *	209 *	146 *	145 *	207 *	165 *	168 *	161 *	163 *	169 *
23	155 *	151 *	189 *	207 *	145 *	144 *	220 *	181 *	167 *	161 *	161 *	169 *
24	153 *	151 *	183 *	203 *	145 *	145 *	210 *	191 *	170 *	160 *	183 *	180 *
25	151 *	146 *	199 *	194 *	145 *	148 *	208 *	202 *	169 *	160 *	191 *	199 *
26	150 *	147 *	208 *	197 *	144 *	194 *	207 *	200 *	168 *	159 *	203 *	
27	152 *	147 *	204 *	198 *	146 *	193 *	201 *	183 *	166 *	158 *	199 *	
28	150 *	146 *	199 *	200 *	146 *	189 *	194 *	178 *	171 *	160 *	175 *	
29	149 *		213 *	208 *	145 *	189 *	188 *	174 *	173 *	160 *	169 *	
30	148 *		210 *	211 *	146 *	185 *	180 *	172 *	170 *	161 *	168 *	170 *
31	147 *		203 *		146 *		180 *			161 *		171 *
Nivel Max.	160 *		215 *			196 *	279 *		189 *	170 *	205 *	
Día	21		29			27	19		8	1	26	
Hora	7		7			7	7		7	7	7	
Nivel Mín.	146 *		147 *			138 *	109 *		164 *	158 *	159 *	
Día	9		1			14	15		4	26	3	
Hora	7		7			7	7		17	7	7	
Nivel Medio	150	150	177	203	155	150	209	169	172	164	175	176

HA2D	PORTOVIEJO EN PICOAZA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0 *	3 *	42 *	59 *	370 *	119 *	270 *	65 *	117 *	47 *	195 *	334 *
2	0 *	2 *	37 *	43 *	320 *	104 *	268 *	59 *	157 *	106 *	178 *	365 *
3	0 *	0 *	31 *	30 *	275 *	68 *	258 *	57 *	98 *	161 *	205 *	389 *
4	0 *	0 *	26 *	30 *	265 *	83 *	235 *	54 *	88 *	190 *	225 *	368 *
5	0 *	0 *	21 *	63 *	264 *	91 *	208 *	52 *	83 *	135 *	220 *	345 *
6	0 *	4 *	32 *	36 *	236 *	79 *	173 *	55 *	81 *	115 *	218 *	330 *
7	0 *	5 *	47 *	24 *	184 *	86 *	151 *	47 *	73 *	157 *	245 *	335 *
8	0 *	4 *	54 *	88 *	238 *	93 *	163 *	68 *	67 *	134 *	228 *	338 *
9	0 *	4 *	45 *	122 *	321 *	70 *	159 *	73 *	59 *	72 *	221 *	388 *
10	0 *	2 *	35 *	177 *	304 *	56 *	159 *	70 *	65 *	87 *	218 *	338 *
11	0 *	0 *	23 *	235 *	276 *	47 *	155 *	83 *	64 *	110 *	205 *	360 *
12	0 *	0 *	38 *	276 *	266 *	61 *	142 *	97 *	67 *	158 *	187 *	389 *
13	0 *	0 *	59 *	273 *	230 *	67 *	166 *	92 *	58 *	210 *	189 *	430 *
14	0 *	0 *	63 *	257 *	236 *	110 *	186 *	77 *	57 *		193 *	488 *
15	0 *	0 *	79 *	124 *	195 *	133 *	175 *	85 *	54 *	278 *	218 *	518 *
16	0 *	0 *	91 *	340 *	141 *	145 *	157 *	102 *	49 *	204 *	259 *	460 *
17	0 *	0 *	112 *	379 *	164 *	185 *	147 *	114 *	44 *	172 *	273 *	425 *
18	0 *	0 *	195 *	367 *	206 *	222 *	147 *	69 *	39 *	172 *	305 *	420 *
19	0 *	0 *	170 *	434 *	122 *	241 *	138 *	62 *	45 *	125 *	290 *	294 *
20	0 *	5 *	160 *	447 *	185 *	279 *	129 *	109 *	57 *	111 *	310 *	336 *
21	0 *	5 *	90 *	465 *	155 *	310 *	138 *	130 *	59 *	132 *	320 *	315 *
22	1 *	2 *	75 *	315 *	143 *	335 *	159 *	125 *	62 *	91 *	308 *	330 *
23	2 *	3 *	65 *	235 *	183 *	361 *	157 *	133 *	53 *	97 *	312 *	343 *
24	4 *	1 *	67 *	212 *	160 *	237 *	160 *	131 *	48 *	108 *	328 *	368 *
25	6 *	3 *	48 *	227 *	130 *	262 *	115 *	170 *	58 *	88 *	365 *	369 *
26	0 *	3 *	70 *	243 *	105 *	315 *	102 *	210 *	80 *	124 *	366 *	317 *
27	0 *	4 *	80 *	245 *	110 *	348 *	89 *	205 *	130 *	163 *	341 *	206 *
28	0 *	2 *	62 *	335 *	138 *	243 *	70 *	186 *	109 *	165 *	353 *	231 *
29	4 *		39 *	315 *	113 *	304 *	58 *	174 *	59 *	210 *	200 *	340 *
30	4 *		53 *	311 *	120 *	361 *	52 *	154 *	53 *	192 *	290 *	331 *
31	2 *		79 *		113 *		51 *	137 *				338 *
Nivel Max.	6 *	6 *	240 *	470 *	380 *	366 *	280 *	220 *	164 *		390 *	525 *
Día	25	7	18	21	1	23	1	26	2		25	15
Hora	7	7	17	7	7	17	7	17	17		7	16
Nivel Mín.	0 *	0 *	19 *	23 *	100 *	45 *	50 *	46 *	38 *		165 *	200 *
Día	1	3	5	7	30	11	31	7	18		2	27
Hora	7	7	17	17	17	17	7	17	17		7	7
Nivel Medio	1	2	67	223	202	180	153	104	71	142	259	359

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

HA2M	MATADERO EN CHIRIMACHAY											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0 *	14 *	31 *	12 *	39 *	16 *	18 *	10 *	10 *	10 *	23 *	
2	0 *	12 *	27 *	9 *	39 *	15 *	27 *	9 *	9 *	9 *	29 *	
3	0 *	11 *	25 *	7 *	51 *	14 *	14 *	9 *	8 *	7 *	32 *	
4	0 *	10 *	24 *	6 *	65 *	18 *	7 *	6 *	7 *	6 *	27 *	
5	0 *	14 *	26 *	6 *	78 *	21 *	16 *	6 *	5 *	4 *	26 *	
6	0 *	16 *	21 *	14 *	72 *	18 *	30 *	8 *	8 *	4 *	24 *	
7	0 *	14 *	19 *	23 *	64 *	15 *	43 *	10 *	7 *	3 *	22 *	
8	0 *	14 *	21 *	31 *	58 *	11 *	54 *	8 *	5 *	2 *	26 *	
9	0 *	19 *	26 *	42 *	57 *	10 *	69 *	8 *	3 *	7 *	28 *	
10	0 *	17 *	28 *	37 *	63 *	9 *	61 *	11 *	6 *	11 *	29 *	
11	0 *	21 *	30 *	42 *	62 *	7 *	50 *	12 *	7 *	9 *	25 *	
12	0 *	20 *	34 *	47 *	56 *	6 *	47 *	11 *	7 *	6 *	32 *	
13	0 *	18 *	38 *	43 *	50 *	5 *	43 *	12 *	8 *	3 *	33 *	
14	0 *	15 *	46 *	38 *	45 *	7 *	39 *	11 *	8 *	1 *	29 *	
15	0 *	18 *	46 *	34 *	38 *	5 *	33 *	9 *	7 *	0 *	29 *	
16	6 *	20 *	50 *	33 *	32 *	4 *	27 *	8 *	6 *	0 *	25 *	
17	7 *	18 *	59 *	30 *	28 *	5 *	24 *	5 *	7 *	0 *	22 *	
18	5 *	21 *	71 *	28 *	25 *	5 *	21 *	6 *	5 *	2 *	29 *	
19	4 *	24 *	66 *	24 *	25 *	7 *	19 *	4 *	3 *	4 *	32 *	
20	5 *	22 *	61 *	22 *	26 *	6 *	18 *	3 *	6 *	2 *	39 *	
21	6 *	23 *	57 *	22 *	23 *	4 *	22 *	2 *	9 *	29 *	50 *	
22	4 *	25 *	49 *	23 *	19 *	3 *	22 *	6 *	7 *	27 *	57 *	
23	4 *	29 *	38 *	19 *	23 *	3 *	24 *	6 *	6 *	19 *	50 *	
24	4 *	31 *	29 *	18 *	26 *	5 *	27 *	13 *	4 *	12 *	51 *	
25	5 *	35 *	26 *	26 *	22 *	12 *	29 *	16 *	11 *	9 *	78 *	
26	7 *	35 *	24 *	34 *	19 *	7 *	27 *	14 *	18 *	8 *	0 *	
27	12 *	35 *	23 *	41 *	17 *	5 *	26 *	18 *	20 *	8 *	0 *	
28	12 *	33 *	21 *	44 *	15 *	7 *	23 *	16 *	22 *	19 *	0 *	
29	13 *		19 *	41 *	15 *	6 *	18 *	13 *	18 *	16 *	0 *	
30	15 *		18 *	38 *	17 *	5 *	15 *	12 *	12 *	20 *	0 *	
31	17 *		16 *		16 *		11 *	11 *		19 *		
Nivel Max.	17 *	36 *	78 *	47 *	79 *	24 *	71 *	19 *	24 *	33 *	98 *	
Día	31	25	18	12	5	4	9	27	28	21	25	
Hora	7	17	17	17	17	17	17	17	17	7	17	
Nivel Mín.	0 *	9 *	15 *	4 *	14 *	2 *	7 *	1 *	2 *	0 *	0 *	
Día	1	4	31	5	28	23	4	21	9	14	26	
Hora	7	7	17	7	17	17	7	7	17	17	17	
Nivel Medio	4	21	34	28	38	8	29	9	8	9	28	

PACHIJAL A.J. GUAYLLABAMBA													
HA2Y	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1				191	141	124	119	109	81	104		
	2				189	140	127	119	105	93	98		
	3				198	138	124	114	105	97	126		
	4				189	139	132	113	102	91	115		
	5				180	137	122	110	102	91	126		
	6				181	136	121	110	103	99	115		
	7				175	136	120	111	101	87	106		
	8				174	134	117	109	93	88	103		
	9				177	135	118	109	89	86	104		
	10				172	138	119	110	93	85	102		
	11			146	176	134	117	106	90	84	127		
	12			147	180	143	119	106	91	83	108		
	13			144	189	152	121	106	93	93	101		
	14			145	180	149	123	104	94	89	111		
	15			143	179	150	123	105	91	87	128		
	16			170	169	152	121	106	93	86	115		
	17			174	144	143	127	106	93	83	115		
	18			188	156	141	121	108	90	87	123		
	19			190	149	140	123	104	89	99	114		
	20			206	157	136	123	107	87	108	127		
	21			195	160	133	119	103	86	116	131		
	22			187	158	139	118	102	85	131	120		
	23			185	156	135	115	100	84	133	118		
	24			188	168	134	114	105	85	118	117		
	25			194	160	140	121	103	83	110	119		
	26			188	152	138	116	103	82	110	125		
	27			190	160	130	119	101	82	112	129		
	28			181	151	124	114	108	81	103	143		
	29			178	147	144	118	110	81	100			
	30			186	144	128	116	122	79	101			
	31			208		132		111	82				
Nivel Max.					222	216	155	139	112	204			
Día					3	12	13	29	13	21			
Hora					7.5	20.2	19.1	22.3	15.2	20.3			
Nivel Mín.					140	117	112	99	79	78			
Día					18	28	29	28	31	1			
Hora					13	12.4	17.3	12.1	23.1	13.3			
Nivel Medio			178	169	138	120	108	91	98	117			

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
NIVELES MEDIOS DIARIOS (cm)

HA22	CAONI A.J. BLANCO											PREDESUR
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				188	168	173	148	153	114	201	206	186
2				181	183	173	142	144	119	174	192	255
3				181	174	167	142	141	125	213	196	195
4				175	168	171	139	138	125	174	190	182
5				171	162	163	136	149	128	177	186	168
6				171	159	161	135	137	121	167	192	163
7				169	154	170	138	127	122	153	191	160
8				170	154	158	140	114	115	160	178	177
9				172	162	153	135	118	111	163	173	173
10				170	165	166	136	131	124	155	168	165
11			166	175	166	159	133	132	125	171	172	150
12			171	185	164	180	137	131	118	166	190	149
13			173	238	171	165	133	134	135	166	174	159
14			180	203	166	171	135	131	153	166	164	151
15			171	196	172	186	168	131	141	142	152	155
16			187	181	183	176	150	146	144	136	147	155
17			189	171	173	194	144	148	133	131	182	165
18			194	168	171	180	145	136	128	161	164	153
19			201	169	168	180	139	130	147	140	158	106
20			195	166	162	166	137	124	164	178	159	132
21			181	170	162	157	148	119	156	169	171	148
22			169	179	161	152	146	116	187	160	170	155
23			170	171	158	151	140	112	178	160	170	166
24			173	178	158	153	137	109	158	152	211	168
25			169	175	163	155	135	109	139	172	179	154
26			163	167	170	156	135	103	151	189	183	164
27			169	164	161	156	134	98	148	180	176	134
28			171	173	162	148	137	100	134	182	167	154
29			159	168	199	148	146	97	126	180	176	160
30			171	172	183	149	186	105	151	177	197	170
31			190		177		161	129		206		170
Nivel Max.				300	241	244	201	239	284	306	269	321
Día				13	29	11	15	16	30	1	30	2
Hora				2.4	2.1	23.2	1.1	17.5	23.1	2	8.2	8.2
Nivel Mín.				160	150	142	130	96	106	130	140	22
Día				28	8	29	28	29	1	17	16	19
Hora				14.2	12	14.3	13	11.3	13.3	12.3	15.4	20.5
Nivel Medio			177	177	168	165	143	125	137	169	178	163

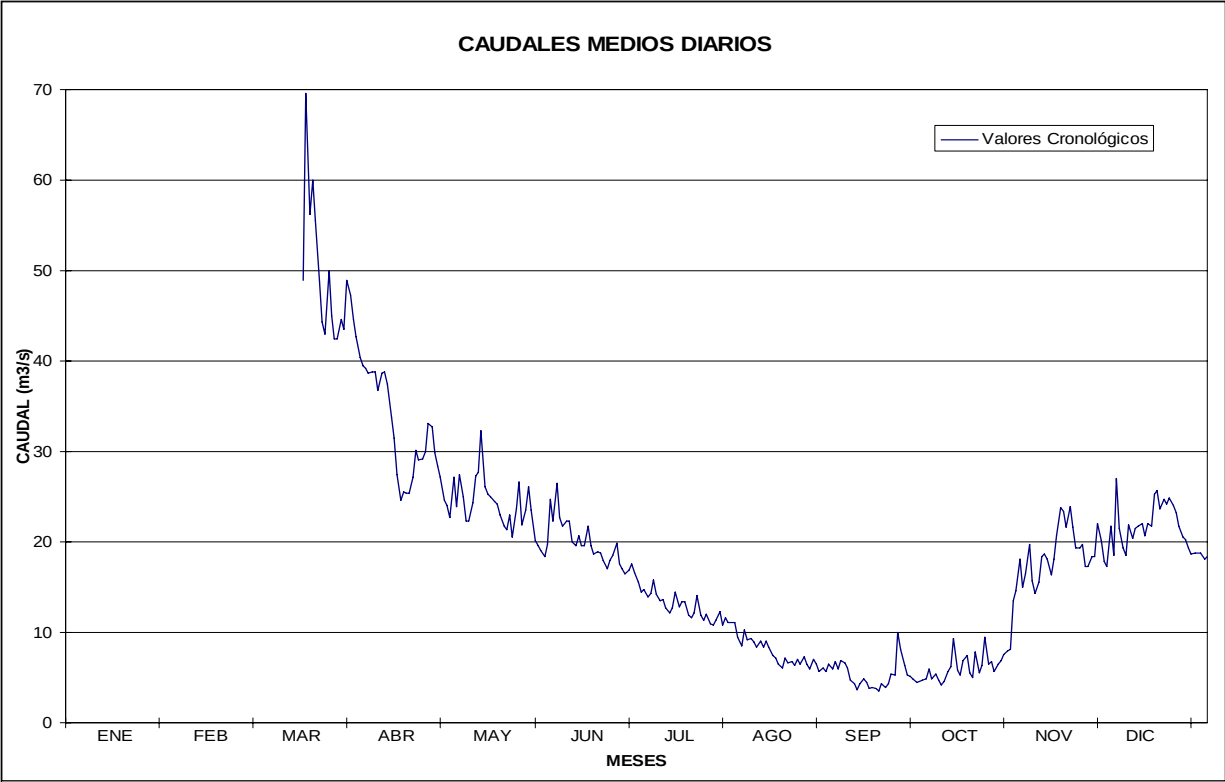
HA30	MULAUTE D.J. COCANIGUAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				189	162	158	136	138	110	150	185	
2				180	161	175	132	134	110	146	174	
3				181	162	163	131	131	114	164	194	
4				181	160	168	129	128	117	151	187	
5				174	157	156	129	132	119	170	183	
6				171	156	160	129	127	137	157	175	
7				168	152	156	127	127	125	150	184	
8				167	152	152	126	118	118	158	181	
9				168	152	153	126	110	122	158	178	
10				162	156	151	122	116	124	149	174	
11				173	156	146	121	117	123	150	179	235
12			170	181	158	150	121	114	130	157	181	229
13			169	188	161	146	122	119	139	150	171	234
14			172	184	155	152	119	122	139	146	180	233
15			175	182	158	154	125	122	137	150	175	243
16			193	184	153	155	119	128	137	154	170	250
17			193	176	159	147	117	123	135	150	180	231
18			188	174	160	139	116	124	135	154	175	229
19			189	166	158	149	114	118	137	157	175	248
20			188	169	166	151	118	115	148	156	172	252
21			177	169	164	148	119	119	146	161	181	240
22			172	168	175	143	114	115	159	160	176	231
23			189	166	171	140	114	111	174	163	178	225
24			190	178	167	142	117	109	160	164	193	220
25			185	171	184	142	117	112	146	168	181	217
26			181	166	163	145	113	108	147	169	188	219
27			178	166	159	143	112	106	141	166	181	215
28			169	166	162	137	116	110	134	173	184	251
29			166	169	171	141	126	108	131	176	185	236
30			180	164	164	135	166	105	142	170	264	256
31			192		160		147	117		177		245
Nivel Max.				249	209	206	195	146	209	204	369	
Día				24	28	2	30	13	22	31	30	
Hora				0.3	22.5	4.4	4.4	19.5	21.4	16.4	6.1	
Nivel Mín.				160	148	132	111	104	107	135	165	
Día				28	8	30	28	30	2	2	16	
Hora				13.4	14.2	21.2	13.4	17.4	8.2	10.3	16	
Nivel Medio			181	173	161	150	124	119	134	159	183	235

NOTA: * DATO LIMNIMETRICO

ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H136	ALAMBI EN CHURUPAMBA											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				47.35	24.553	19.074	16.583	11.088	6.515	4.693	18.042	18.46
2				44.579	24.023	18.367	15.604	11.088	5.92	4.824	15.016	27.022
3				42.761	22.691	19.704	14.485	9.485	6.714	5.918	16.496	21.535
4				40.366	27.166	24.766	14.79	8.555	5.896	4.856	19.685	19.318
5				39.458	23.938	22.264	13.879	10.253	6.906	5.399	15.615	18.578
6				39.139	27.496	26.539	14.38	9.228	6.584	4.726	14.333	21.899
7				38.643	24.959	22.663	15.865	9.305	6.145	4.218	15.536	20.379
8				38.793	22.354	21.802	14.186	8.953	4.781	4.631	18.43	21.435
9				38.765	22.3	22.285	13.541	8.383	4.356	5.665	18.69	21.722
10				36.706	24.274	22.355	13.686	9.023	3.592	6.235	18.171	21.967
11				38.682	27.264	20.013	12.738	8.362	4.306	9.27	16.377	20.693
12				38.847	27.679	19.533	12.203	9.101	4.922	5.844	18.174	22.081
13				37.415	32.256	20.741	12.643	8.375	4.419	5.248	20.741	21.805
14				33.828	26.128	19.548	14.398	7.367	3.776	6.853	23.84	25.221
15				31.541	25.332	19.537	12.844	7.198	3.889	7.409	23.363	25.637
16				27.434	25.045	21.695	13.326	6.455	3.851	5.493	21.643	23.64
17			48.927	24.659	24.499	19.597	13.349	6.14	3.514	5.046	23.981	24.712
18			69.626	25.542	24.142	18.6	11.852	7.185	4.357	7.81	21.602	24.189
19			56.155	25.416	22.915	18.905	11.651	6.663	3.903	5.51	19.287	24.832
20			60.035	25.47	21.734	18.838	12.199	6.748	4.354	6.304	19.294	24.095
21			55.589	27.115	21.326	18.019	14.101	6.346	5.428	9.463	19.745	23.186
22			48.84	30.102	23.002	17.073	11.898	7.028	5.256	6.473	17.314	21.768
23			44.356	29.095	20.528	18.024	11.361	6.45	10.025	6.791	17.321	20.554
24			42.941	29.156	23.695	18.533	11.975	7.259	8.086	5.672	18.34	20.251
25			50.026	30.007	26.689	19.844	10.956	6.528	6.397	6.432	18.365	19.309
26			44.972	33.055	21.838	17.517	10.854	5.995	5.232	6.833	22.025	18.653
27			42.478	32.678	23.49	17.006	11.416	7.051	5.194	7.546	20.108	18.784
28			42.404	29.823	26.022	16.545	12.271	6.443	4.917	8.028	17.897	18.766
29			44.556	28.404	23.534	16.862	10.803	5.713	4.48	8.105	17.284	18.795
30			43.581	27.187	20.156	17.63	11.665	6.08	4.604	13.451	21.697	18.131
31			48.983		19.557		11.107	5.728		14.649		18.325
Caudal Max.				51.093	49.982	38.809	17.036	11.361	12.203	29.438	36.081	34.335
Día				1	12	3	7	2	23	30	17	2
Hora				16.4	19.5	17	1.5	12	3.1	15.1	16.5	5.5
Caudal Mín.				23.665	18.701	15.473	10.173	5.457	3.129	3.877	12.638	16.504
Día				18	31	28	31	31	16	8	2	1
Hora				13.2	22.4	21.2	8.3	3	20.4	17.2	15.2	12.3
Caudal Medio				33.734	24.212	19.796	12.987	7.728	5.277	6.755	18.947	21.476

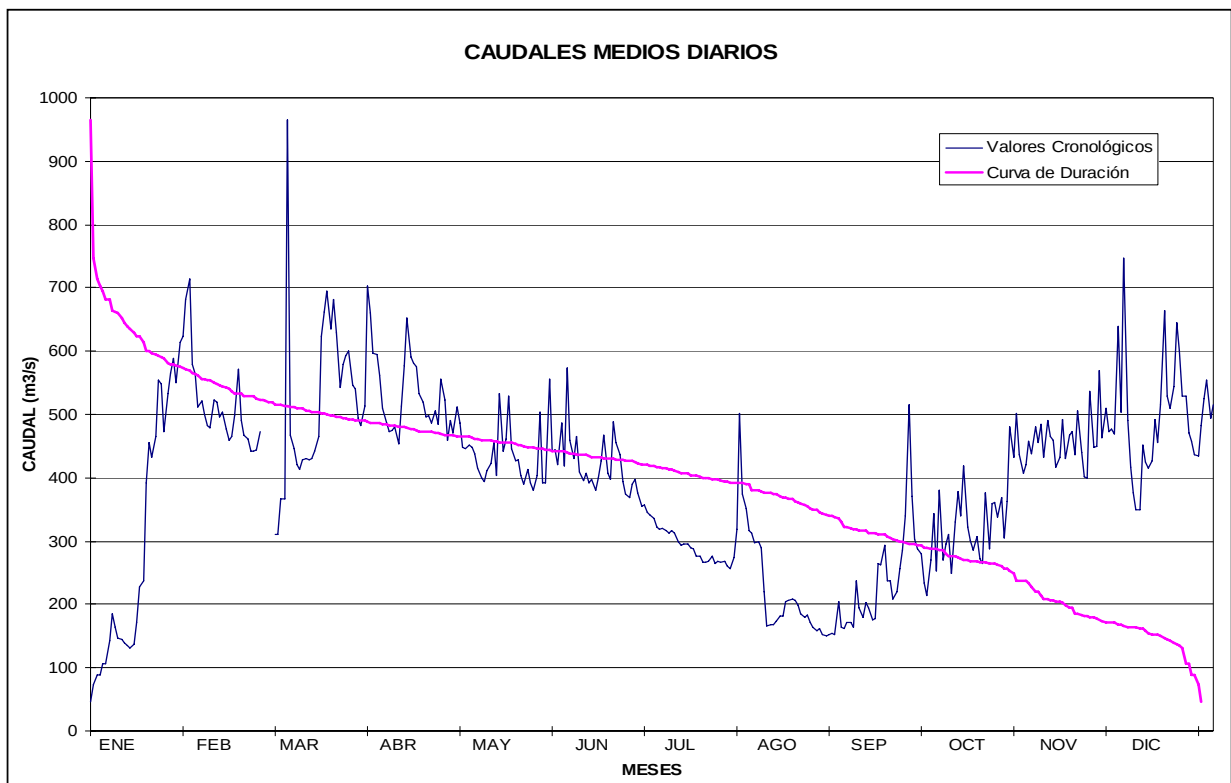
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H138	BLANCO DJ TOACHI(PTE.UNICOOP)											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	46.687 *	681.169	309.908 *	659.506	447.248	420.143	340.929	350.446	163.78	343.858	457.817	503.228
2	73.909 *	714.092	309.908 *	596.686	445.886	487.097	335.634	316.208	161.964	253.765	437.846	746.996
3	89.474 *	579.605	367.091 *	595.288	451.435	418.213	321.84	312.788	171.857	380.797	479.947	490.565
4	89.474 *	564.045	367.091 *	561.577	448.786	574.046	318.448	297.134	171.892	269.879	455.849	417.599
5	106.294 *	510.68	965.138 *	510.565	438.603	458.783	320.369	298.929	163.7	295.779	484.83	376.39
6	106.294 *	520.849	466.736	487.425	415.825	431.332	316.693	290.137	237.716	311.128	433.087	349.128
7	143.576 *	499.214	446.577	472.147	400.29	464.737	312.874	219.283	194.211	248.965	489.989	348.979
8	185.544 *	482.482	421.161	475.782	392.999	409.557	316.447	165.327	180.408	329.265	464.704	451.006
9	163.985 *	478.202	413.58	479.976	411.896	395.243	313.07	167.214	201.743	378.68	458.885	423.929
10	147.565	523.81	427.749	454.347	421.869	406.604	300.069	167.832	195.846	339.956	417.004	414.921
11	145.462	519.905	431.28	513.208	456.218	392.094	292.77	173.634	175.138	419.521	432.214	426.21
12	138.708	495.25	429.345	577.83	403.378	398.513	295.154	181.997	178.033	323.077	492.066	492.949
13	135.738	503.56	430.654	652.425	533.448	380.531	294.652	181.143	265.242	301.428	431.121	455.183
14	131.676	477.269	442.574	590.324	442.803	400.36	289.045	204.21	262.003	286.007	467.025	514.534
15	137.283	459.748	465.297	581	462.346	425.727	287.415	206.863	294.372	306.068	472.471	663.188
16	172.759	464.335	624.37	575.302	529.336	467.581	276.796	208.878	237.806	271.857	435.96	529.1
17	227.153	497.559	662.606	532.745	445.849	406.581	276.052	206.51	236.708	264.083	505.293	510.328
18	237.882	571.57	695.064	519.691	427.025	397.388	267.239	198.606	209.423	377.206	440.99	544.144
19	392.757	490.275	634.874	495.738	428.377	488.389	266.733	186.104	219.857	288.009	402.262	645.169
20	456.2	467.992	680.699	498.118	403.369	455.18	267.816	179.842	257.451	359.778	398.658	599.996
21	432.815	461.42	629.197	487.241	390.33	436.182	276.124	184.206	285.092	360.233	537.516	529.746
22	466.07	442.203	541.657	506.292	413.734	394.625	264.593	171.249	340.669	337.814	448.301	528.704
23	555.012	442.28	578.8	484.292	391.114	375.396	268.188	163.323	516.278	368.526	448.915	471.687
24	548.129	444.555	592.265	555.637	380.101	369.002	266.24	158.545	369.87	304.418	568.901	458.357
25	473.8	472.963	601.277	523.285	403.299	389.735	267.962	161.692	302.806	362.221	463.988	435.736
26	532.97		547.103	459.679	503.402	398.313	260.947	153.172	287.306	480.809	508.838	434.639
27	566.355		540.155	490.586	391.179	376.803	256.71	151.418	279.085	432.765	472.832	481.753
28	589.679		493.744	470.467	391.858	356.157	274.919	151.646	234.281	502.368	477.081	524.857
29	550.397		481.697	511.602	555.32	357.114	317.647	153.539	214.902	436.126	469.977	554.869
30	614.224		513.933	486.887	442.85	344.963	501.655	152.844	269.928	407.828	639.417	494.303
31	623.257		703.663		443.067		374.088	203.693		420.754		514.515
Caudal Max.	885.974		965.138 *	805.574	700.899	643.363	613.542	367.09	632.109	712.658	1056.475	1019.517
Día	29		18	1	16	4	30	1	23	26	30	18
Hora	23.5		7	2.3	8.1	6.1	6.2	4.3	3.2	21	9.1	23.1
Caudal Min.	46.687 *		309.908 *	437.9	370.058	337.982	254.378	145.564	153.635	236.918	370.058	326.627
Día	1		1	28	25	30	28	30	4	2	20	7
Hora	7		7	16.1	19.1	20.2	3.1	18.1	22	20.1	18.2	14
Caudal Medio	299.391	510.601	523.071	526.855	435.911	415.88	301.262	203.82	242.646	347.192	469.793	494.603

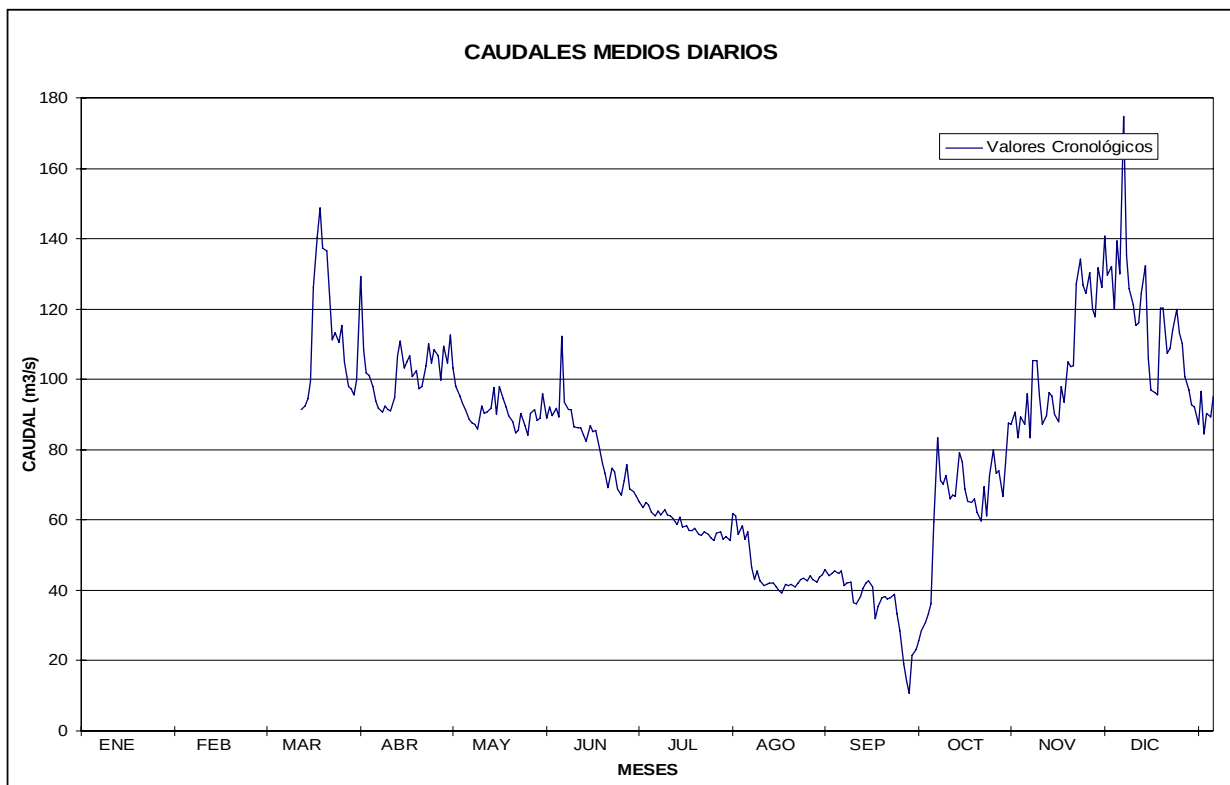
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H139	BLANCO EN LOS BANCOS											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				108.273	97.969	89.497	64.979	58.512	44.878	36.089	95.916	130.089
2				101.8	95.318	91.778	64.128	54.597	45.507	59.323	83.518	174.885
3				100.978	93.115	89.189	62.243	56.813	41.225	83.261	105.395	135.22
4				98.133	91.229	112.348	61.323	46.421	41.908	71.347	105.249	125.877
5				93.875	88.469	93.323	62.673	42.957	42.291	70.101	95.088	121.161
6				91.76	87.46	91.528	61.642	45.484	36.369	72.523	87.108	115.477
7				90.842	87.345	91.251	62.785	42.842	36.094	66.16	89.663	115.915
8				92.259	85.903	86.51	61.38	41.356	38.075	67.172	96.218	124.26
9				91.457	92.411	86.088	61.133	41.823	40.62	66.59	95.152	132.237
10				91.15	90.417	86.332	60.374	42.079	41.987	79.169	90.049	106.141
11				94.907	90.774	84.171	58.663	41.989	42.59	76.326	87.749	96.94
12			91.467	106.639	91.85	82.351	60.643	40.999	40.905	68.718	97.985	96.426
13			92.321	110.68	97.743	86.882	58.103	39.864	31.945	65.167	93.526	95.671
14			94.524	103.375	90.019	85.209	58.455	39.181	35.331	65.003	104.897	120.172
15			99.241	105.047	98.004	85.607	56.997	41.872	38.031	66.125	103.687	120.262
16			126.237	106.547	94.548	80.156	56.828	41.474	38.084	62.217	103.736	107.246
17			140.501	100.902	92.05	76.221	57.796	41.698	37.469	59.805	127.031	108.877
18			148.766	102.535	89.642	73.219	55.951	41.112	37.729	69.515	134.119	113.832
19			137.256	97.344	87.87	69.304	55.515	42.138	39.023	61.146	126.788	119.759
20			136.589	97.908	84.94	74.768	56.532	43.206	33.448	72.531	124.57	113.263
21			123.529	103.901	85.417	73.742	55.869	43.406	28.63	79.885	130.282	109.988
22			111.3	110.281	90.337	68.64	54.844	42.912	19.04	73.147	119.878	100.693
23			113.254	104.69	86.752	67.035	54.305	44.078	14.151	74.142	117.768	96.789
24			110.461	108.51	84.115	71.105	56.349	43.043	10.731	66.755	131.707	92.702
25			115.225	106.694	90.195	75.639	56.635	42.373	21.633	76.221	126.04	91.968
26			105.03	99.794	91.457	68.935	54.575	43.8	23.407	87.555	140.851	87.093
27			98.122	109.605	88.33	68.262	55.292	44.631	25.675	87.179	129.539	96.726
28			97.406	104.704	89.025	66.599	54.376	45.71	28.639	90.584	132.168	84.33
29			95.575	112.611	96.035	65.201	61.823	44.173	30.767	83.497	119.917	90.387
30			99.832	103.361	88.859	63.46	61.076	44.658	33.311	89.468	139.513	89.36
31			129.287		91.967		56.05	45.433		87.098		95.105
Caudal Max.				142.785	119.475	127.468	72.645	61.586	47.051	151.283	185.634	209.871
Día				26	25	4	7	3	2	27	30	14
Hora				23.4	19.4	1	21.3	0.5	18.1	19.5	6.4	18.5
Caudal Min.				88.359	82.34	63.384	53.72	28.316	7.496	23.689	79.387	83.333
Día				7	25	30	28	13	24	1	2	30
Hora				15.2	15.4	14.2	19.5	22.1	19.5	1	17	10.2
Caudal Medio			113.296	101.685	90.631	80.145	58.688	44.214	33.983	72.059	111.17	109.963

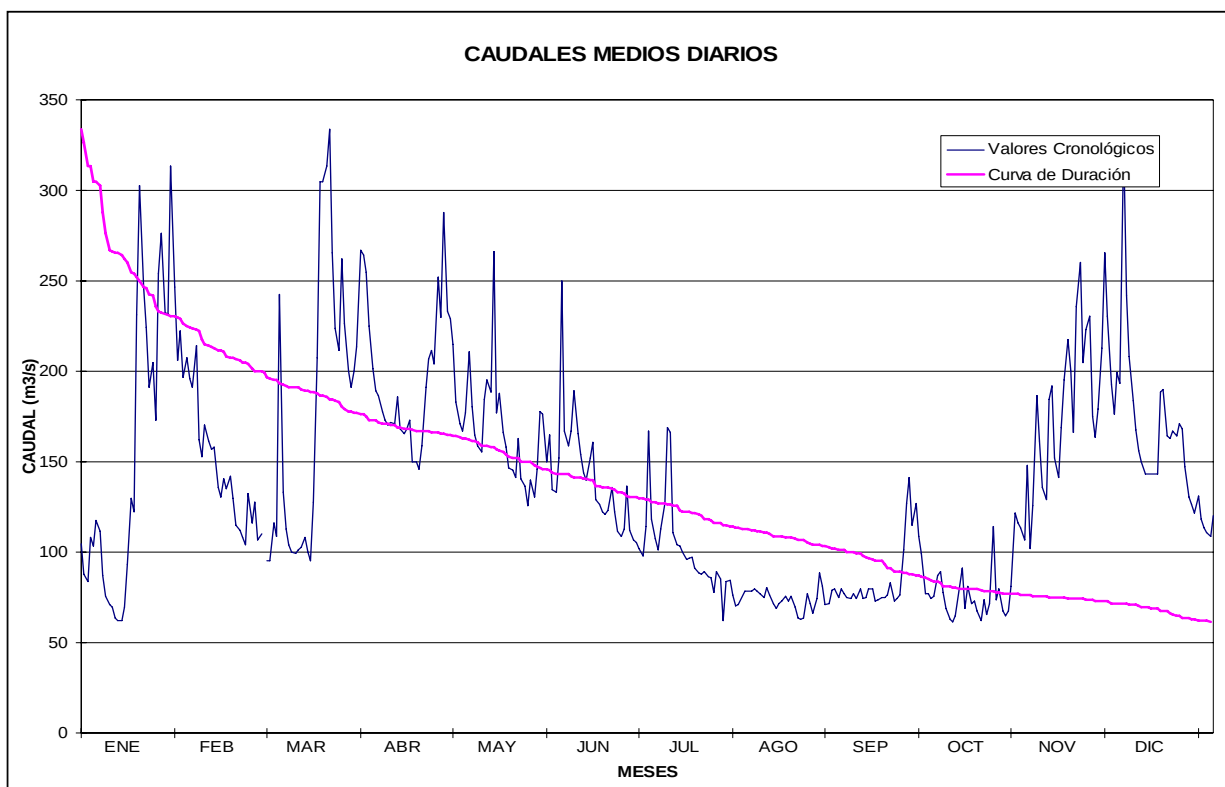
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H146	GUAYLLABAMBA DJ ALAMBI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	104.756	206.386	95.549	264.289	182.803	134.62	114.261	75.861	75.093	74.501	147.968	193.212
2	87.858	222.435	94.938	254.651	170.811	133.143	167.097	78.333	79.573	75.744	102.102	326.287
3	83.876	196.686	116.048	225.328	166.913	152.086	118.481	78.62	76.939	86.865	125.499	241.574
4	108.109	207.528	108.549	201.588	176.807	249.859	107.688	78.614	74.902	89.153	186.2	207.93
5	103.521	196.026	242.67	189.032	210.785	166.614	101.228	80.004	74.435	77.769	161.495	183.992
6	117.886	191.519	133.158	186.347	180.231	158.459	112.851	78.701	76.739	68.966	135.643	167.489
7	111.361	214.16	113.117	177.395	165.157	166.616	126.825	77.173	74.47	62.77	129.086	156.037
8	87.089	161.826	104.115	172.75	158.935	189.1	168.973	75.098	79.9	61.554	184.276	150.329
9	75.703	152.578	100.272	170.363	155.503	165.51	166.287	80.232	74.392	64.844	191.895	143.514
10	71.279	170.176	99.254	171.514	184.722	154.145	110.992	76.49	74.681	80.131	151.898	143.514
11	69.635	161.624	101.663	170.624	195.022	144.215	104.349	71.886	79.565	90.92	141.466	143.514
12	63.612	156.903	102.778	185.76	188.778	140.132	103.491	68.796	79.72	69.216	169.013	143.514
13	62.46	157.99	107.791	168.055	266.162	152.034	100.025	71.812	72.693	80.962	195.055	143.514
14	62.305	135.931	99.714	165.877	177.038	160.955	95.882	72.928	73.604	71.763	217.236	188.332
15	69.372	130.39	95.357	168.314	187.988	129.205	96.726	75.504	75.219	73.001	199.749	189.864
16	92.993	140.513	127.901	172.807	166.353	126.25	97.055	72.738	74.784	67.483	166.328	164.319
17	129.635	134.935	207.718	150.231	157.809	122.167	91.541	75.43	76.646	62.381	235.627	162.573
18	121.978	142.068	304.636	150.213	146.615	120.941	88.525	69.712	83.264	73.375	260.195	166.996
19	231.09	129.652	304.941	145.855	144.988	123.256	87.823	63.313	72.9	65.456	204.527	164.373
20	302.56	114.889	313.257	158.633	141.203	135.898	88.889	63.135	74.545	71.932	222.947	171.189
21	245.828	112.022	333.79	191.265	162.544	122.416	86.227	63.437	76.62	114.004	230.55	168.127
22	224.099	108.192	265.207	206.513	140.264	111.687	85.908	76.844	101.388	73.561	174.712	147.006
23	191.025	104.385	223.516	211.249	136.268	108.511	77.837	71.315	127.14	79.602	163.759	130.249
24	204.477	132.397	211.23	204.327	125.497	112.748	88.993	66.074	141.075	67.294	179.349	126.031
25	172.879	116.186	262.157	252.181	139.88	136.552	85.412	74.336	114.638	65.148	212.853	121.571
26	253.863	127.996	226.229	229.462	130.682	112.21	62.358	88.464	126.81	67.707	265.332	130.829
27	276.147	106.594	200.25	287.748	145.66	106.993	83.451	80.892	108.752	80.832	230.153	118.09
28	232.535	110.033	191.395	232.995	177.603	105.15	84.643	71.164	99.44	121.864	192.23	113.273
29	232.057		199.853	229.293	176.1	102.115	76.09	71.533	77.029	116.215	176.206	110.841
30	313.663		213.639	214.546	150.135	98.182	70.244	79.219	76.693	113.666	199.14	108.894
31	246.68		267.067		165.017		71.116	79.738		106.606		120.06
Caudal Max.	461.884	296.209	365.547	332.152	306.019	328.073	229.615	101.984	222.66	242.002	485.638	409.173
Día	30	7	21	27	13	4	9	30	26	29	17	2
Hora	3.1	0.2	6.5	1.2	1.1	3	1	4.3	2.3	20.5	22.1	14
Caudal Min.	53.69	87.538	79.545	130.844	116.036	88.706	37.794	36.174	64.539	58.517	74.034	91.062
Día	14	28	2	19	27	30	30	21	9	17	2	31
Hora	18.1	17	16.2	15	14.4	16.2	1.1	2.1	20.4	12.2	14.1	19.1
Caudal Medio	153.236	151.501	179.605	196.973	166.912	138.059	100.686	74.432	85.788	79.848	185.083	159.582

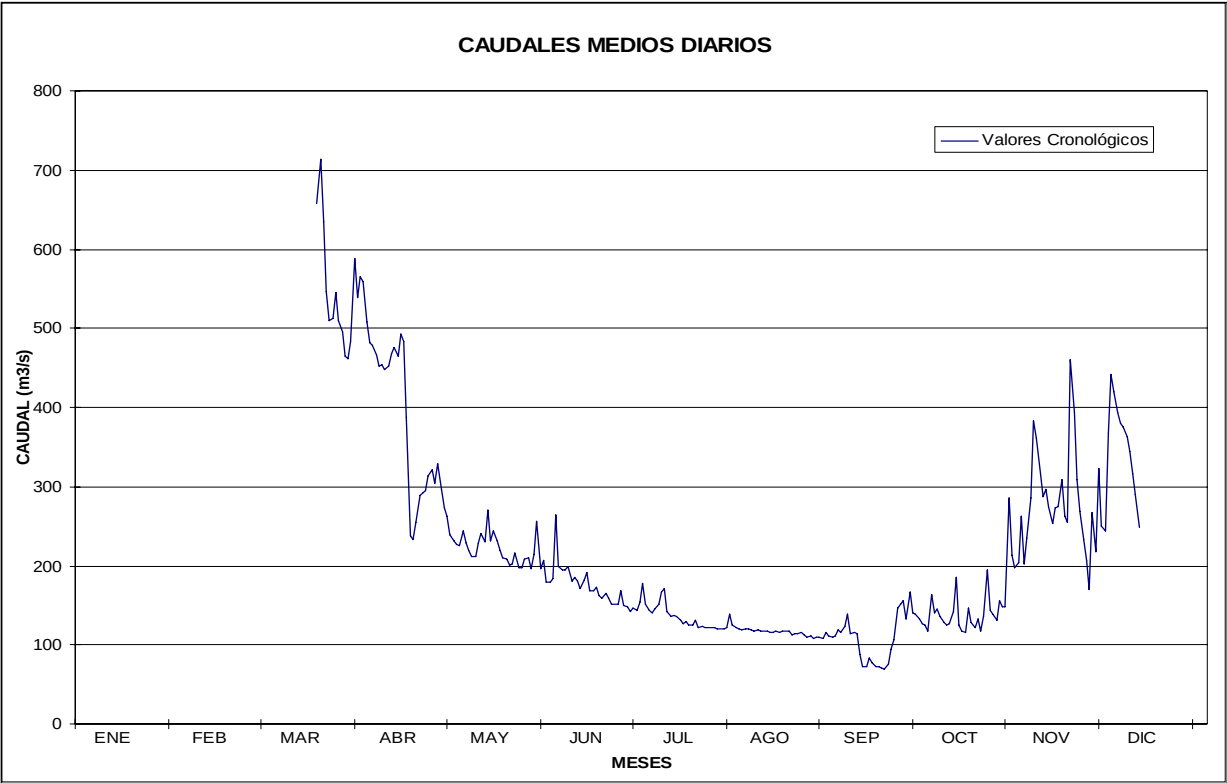
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H147	GUAYLLABAMBA DJ PACHIJAL											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				539.327	239.753	179.762	155.122	122.619	109.468	124.47	262.851	419.552
2				564.938	232.245	179.05	177.322	119.935	110.986	117.498	202.107	393.325
3				558.903	227.519	184.174	150.96	119.453	119.272	163.034	234.937	380.26
4				508.527	225.726	264.024	143.472	119.697	116.069	140.793	285.981	375.456
5				481.165	244.711	198.487	139.833	120.927	123.461	145.903	382.906	362.249
6				479.278	228.228	194.621	144.671	119.176	138.659	136.656	362.102	343.651
7				466.999	219.906	195.129	150.894	118.112	114.725	128.839	316.551	316.792
8				452.419	211.938	198.649	166.499	118.964	116.161	125.512	287.312	291.055
9				454.164	211.252	180.917	170.689	117.245	113.822	127.326	295.898	249.319
10				448.216	228.553	184.686	141.376	117.636	87.908	142.326	274.254	
11				452.946	241.496	180.849	136.442	117.888	71.818	185.156	253.654	
12				467.365	230.869	171.328	137.674	115.344	72.775	124.691	272.829	
13				475.384	269.592	181.755	135.89	115.424	84.079	117.911	275.458	
14				464.48	231.745	191.327	130.503	117.025	76.529	115.081	309.47	
15				492.277	243.454	169.069	126.7	116.355	72.977	146.676	262.448	
16				483.057	231.096	167.632	129.932	117.699	72.453	127.545	254.724	
17				387.256	219.561	173.09	125.857	117.341	70.722	122.56	460.875	
18				237.97	209.869	162.568	125.704	117.757	70.062	132.968	393.08	
19			657.825	233.416	208.924	159.402	131.287	111.992	74.923	117.751	308.802	
20			712.865	254.199	201.376	164.85	122.74	114.685	94.795	135.69	268.683	
21			634.498	288.244	202.46	159.377	122.911	113.901	105.971	194.043	232.47	
22			547.303	291.964	215.945	151.993	122.293	115.786	146.378	143.054	207.317	
23			509.69	295.573	197.875	151.201	121.775	112.691	150.702	139.345	170.286	
24			512.373	312.964	197.272	151.131	121.771	109.833	155.929	130.997	267.359	
25			544.469	321.706	208.767	167.627	121.518	110.532	133.303	155.319	218.307	
26			509.863	304.749	210.191	150.34	120.163	108.483	167.52	148.318	323.34	
27			495.498	329.56	196.749	147.846	119.78	108.978	141.279	148.678	249.876	
28			465.452	296.051	215.22	142.662	121.008	109.811	139.502	285.698	243.57	
29			461.462	273.916	256.874	147.027	121.354	108.727	133.257	212.637	366.834	
30			483.597	262.017	196.102	144.301	139.667	116.542	126.482	197.855	441.491	
31			589.074		206.638		124.581	111.639		204.254		
Caudal Max.				678.372	376.688	322.081	198.533	137.586	232.387	436.121	513.083	
Día				1	29	3	9	18	21	28	17	
Hora				23.4	0	23.2	2.4	9.3	19.4	0.1	7.3	
Caudal Min.				216.392	160.913	135.566	102.037	102.037	62.786	100.33	158.708	
Día				18	27	29	29	29	11	14	23	
Hora				18.2	16	17	19.4	23.1	23.4	4.2	16.1	
Caudal Medio				395.968	221.352	173.162	135.496	115.555	110.399	149.632	289.526	

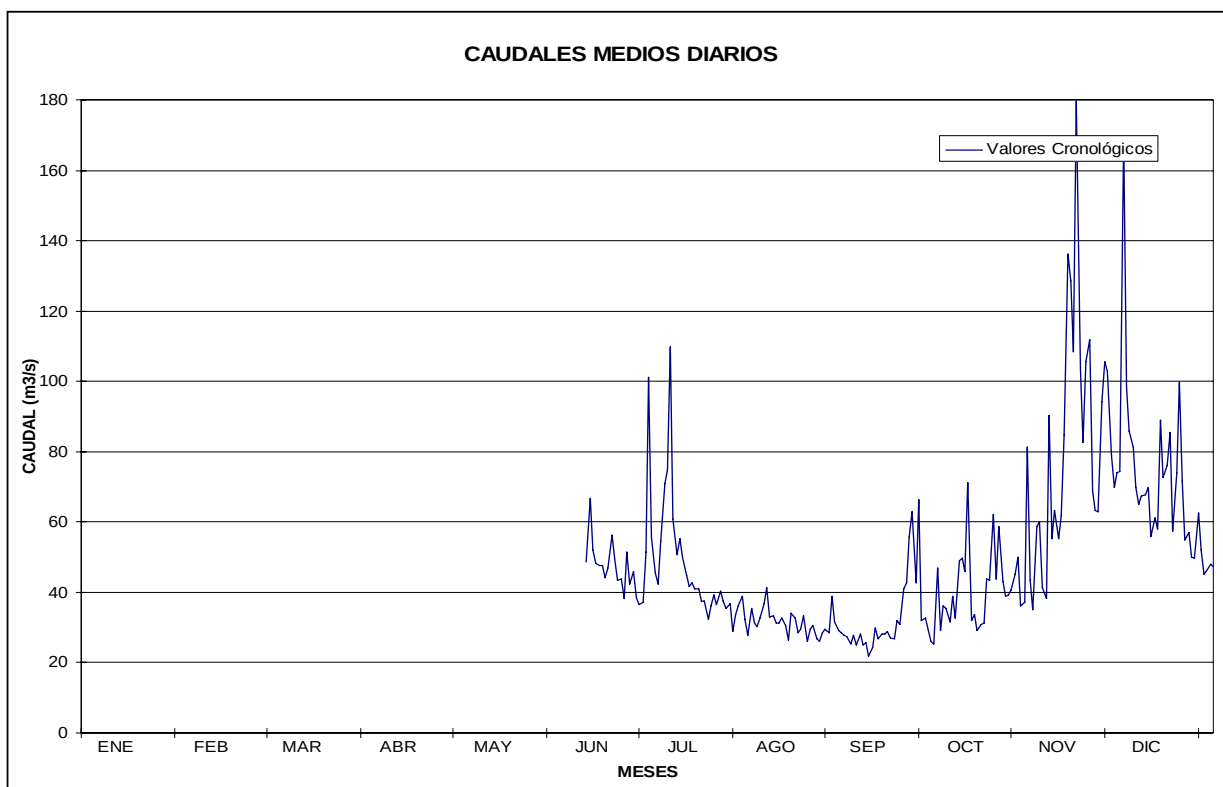
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H149	GUAYLLABAMBA EN PTE.CHACAPATA											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1							51.54	39.012	29.335	25.92	81.415	74.219
2							101.098	32.433	28.605	25.265	43.37	169.06
3							55.579	27.714	27.877	46.907	35.037	98.499
4							45.511	35.36	27.53	29.073	58.844	85.896
5							42.527	31.221	25.34	36.239	60.148	81.14
6							54.495	30.148	27.96	35.491	41.44	69.737
7							71.056	32.725	24.97	31.488	38.163	65.062
8							74.701	36.996	28.295	38.919	90.433	67.342
9							109.965	41.383	25.162	32.514	55.134	67.909
10							60.654	33.094	25.801	48.865	63.2	69.974
11							50.739	33.367	22.026	49.626	55.413	55.828
12						48.498	55.177	31.207	24.159	45.874	61.766	61.187
13						66.633	50.134	31.349	29.766	71.159	84.733	58.031
14						52.089	44.827	32.565	26.705	31.98	136.248	88.821
15						48.144	41.576	30.488	28.261	33.778	128.458	72.52
16						47.566	42.618	26.261	28.223	29.361	108.502	76.195
17						47.447	40.837	33.974	28.683	30.931	179.574	85.329
18						44.124	40.892	32.752	27.011	31.199	103.528	57.204
19						47.033	37.576	28.353	26.809	43.647	82.666	74.123
20						56.458	37.407	29.571	31.892	43.474	105.676	99.866
21						49.627	32.334	33.454	30.954	62.064	111.744	71.415
22						43.504	36.275	26.184	40.878	43.872	68.792	54.915
23						43.933	39.141	29.37	42.859	58.873	63.284	56.829
24						38.224	36.636	30.493	55.588	43.205	62.724	49.919
25						51.591	40.233	26.847	62.972	38.843	94.166	49.6
26						42.472	37.682	25.996	42.717	39.223	105.643	62.418
27						45.878	35.583	28.613	66.375	40.718	102.725	52.152
28						38.574	36.983	29.483	31.91	45.257	78.9	45.207
29						36.404	28.73	28.352	32.804	49.906	69.97	46.064
30						37.283	33.808	38.79	29.021	36.122	73.861	48.123
31							36.261	31.625		37.076		47.172
Caudal Max.						159.334	55.491	55.491	156.75	132.684	383.32	281.46
Día						9	9	9	25	29	17	2
Hora						0.1	1.4	1.4	21.1	19.1	19.3	13.1
Caudal Min.						17.245	13.574	13.208	16.368	24.476	25.072	
Día						31	27	11	8	2	29	
Hora						12.1	13.5	18.1	13.2	13.1	14.3	
Caudal Medio						48.47	31.586	32.683	40.544	81.518	69.734	

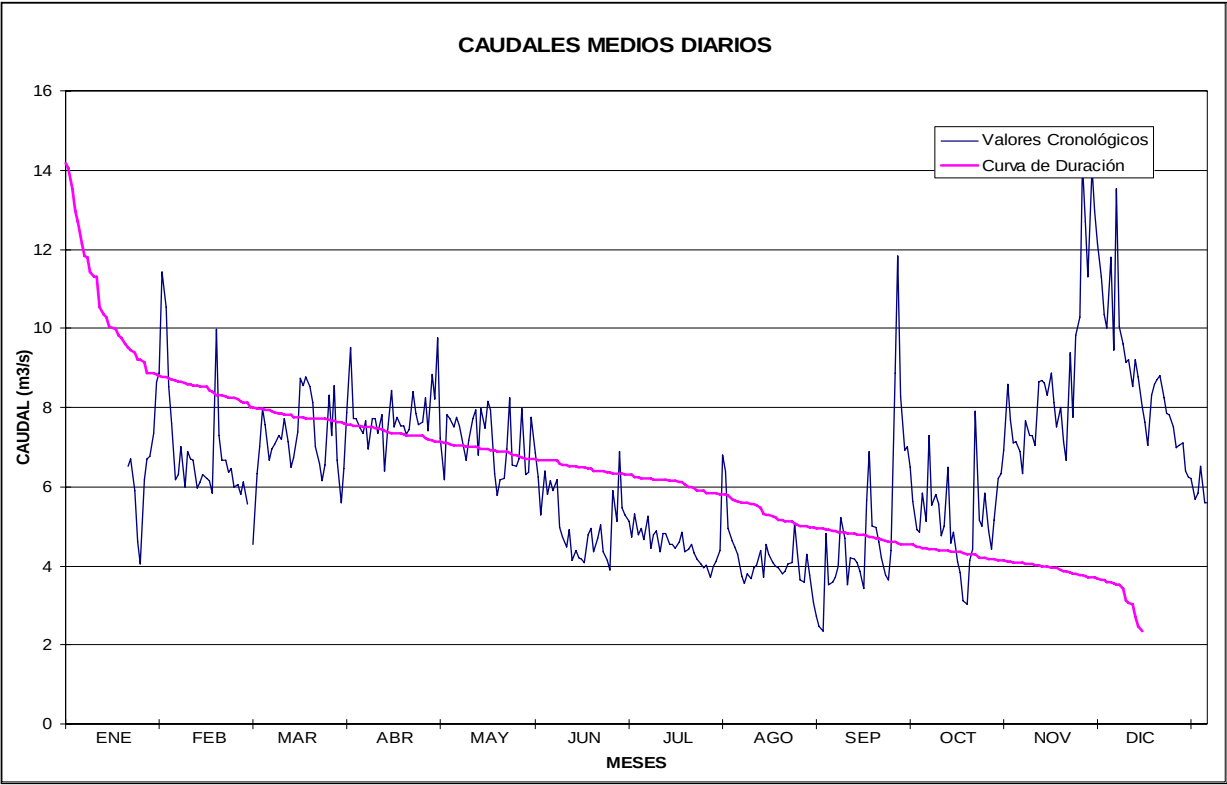
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H153	LELIA DJ CRISTAL											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		11.436	4.55	9.508	6.172	5.296	5.324	4.625	3.512	5.828	6.889	9.438
2		10.538	6.334	7.712	7.804	6.379	4.774	4.471	3.583	5.135	6.341	13.539
3		8.53	7.025	7.717	7.734	5.802	4.942	4.308	3.693	7.293	7.655	10.035
4		7.591	7.958	7.465	7.505	6.162	4.667	3.737	3.999	5.542	7.293	9.597
5		6.171	7.559	7.359	7.743	5.912	5.237	3.549	5.209	5.801	7.275	9.155
6		6.3	6.658	7.651	7.533	6.187	4.448	3.788	4.695	5.571	7.051	9.217
7		7.002	6.947	6.95	7.03	4.976	4.796	3.677	3.53	4.768	8.657	8.523
8		6.004	7.063	7.716	6.686	4.729	4.883	3.95	4.189	4.992	8.675	9.193
9		6.873	7.287	7.725	7.151	4.477	4.364	4.025	4.176	6.498	8.618	8.776
10		6.715	7.198	7.345	7.716	4.915	4.808	4.401	4.085	4.576	8.297	8.011
11		6.68	7.726	7.807	7.925	4.13	4.825	3.692	3.867	4.849	8.872	7.64
12		5.974	7.147	6.39	6.796	4.38	4.543	4.532	3.419	4.114	8.113	7.052
13		6.106	6.479	7.354	7.975	4.213	4.528	4.283	5.663	3.823	7.494	8.31
14		6.298	6.729	8.423	7.479	4.176	4.45	4.073	6.884	3.13	7.992	8.58
15		6.197	7.384	7.503	8.159	4.078	4.596	3.997	5.014	3.041	7.132	8.718
16		6.147	8.746	7.746	7.923	4.797	4.856	3.965	4.974	4.129	6.674	8.804
17		5.853	8.543	7.537	6.341	4.945	4.367	3.789	4.616	4.424	9.376	8.239
18		9.986	8.783	7.527	5.772	4.357	4.41	3.853	4.192	7.892	7.742	7.848
19		7.288	8.54	7.329	6.187	4.685	4.54	4.049	3.757	5.17	9.814	7.819
20		6.674	8.111	7.454	6.195	5.035	4.311	4.062	3.659	4.998	10.271	7.504
21	6.531	6.682	7.012	8.394	6.952	4.348	4.157	5.07	4.399	5.85	14.19	6.976
22	6.7	6.348	6.568	7.851	8.239	4.145	4.04	4.28	8.854	4.883	12.684	7.042
23	5.885	6.457	6.16	7.56	6.539	3.883	3.969	3.633	11.82	4.429	11.315	7.094
24	4.587	5.979	6.559	7.617	6.515	5.885	4.011	3.591	8.284	5.172	14.041	6.407
25	4.035	6.039	8.323	8.239	6.698	5.135	3.721	4.295	6.918	6.218	12.982	6.226
26	6.181	5.813	7.286	7.4	7.966	6.893	3.974	3.773	7.014	6.347	12.136	6.214
27	6.706	6.128	8.557	8.849	6.295	5.469	4.111	3.056	6.486	6.924	11.295	5.679
28	6.762	5.557	6.684	8.219	6.372	5.278	4.387	2.716	5.636	8.602	10.355	5.829
29	7.361		5.578	9.766	7.768	5.126	6.81	2.459	4.923	7.703	10.008	6.511
30	8.652		6.455	7.236	6.858	4.719	6.398	2.355	4.851	7.099	11.799	5.602
31	8.854		7.889		6.252		4.94	4.831		7.122		5.601
Caudal Max.		15.74	13.663	14.474	14.065	14.065	12.117	7.794	21.403	17.521	28.645	18.926
Día		18	24	28	13	24	29	31	23	18	30	2
Hora		0.5	22.3	23.4	19.1	18	0	4.4	18.2	2.3	6	1.5
Caudal Min.		4.718	4.287	6.149	4.942	3.683	3.683	2.318	2.47	2.957	6.149	5.407
Día		28	1	12	20	23	28	30	8	15	2	31
Hora		12	16	17.4	16.1	10.5	1.5	16.5	8.1	9.1	15.3	13.2
Caudal Medio		6.906	7.22	7.778	7.106	5.017	4.651	3.899	5.197	5.546	9.368	7.909

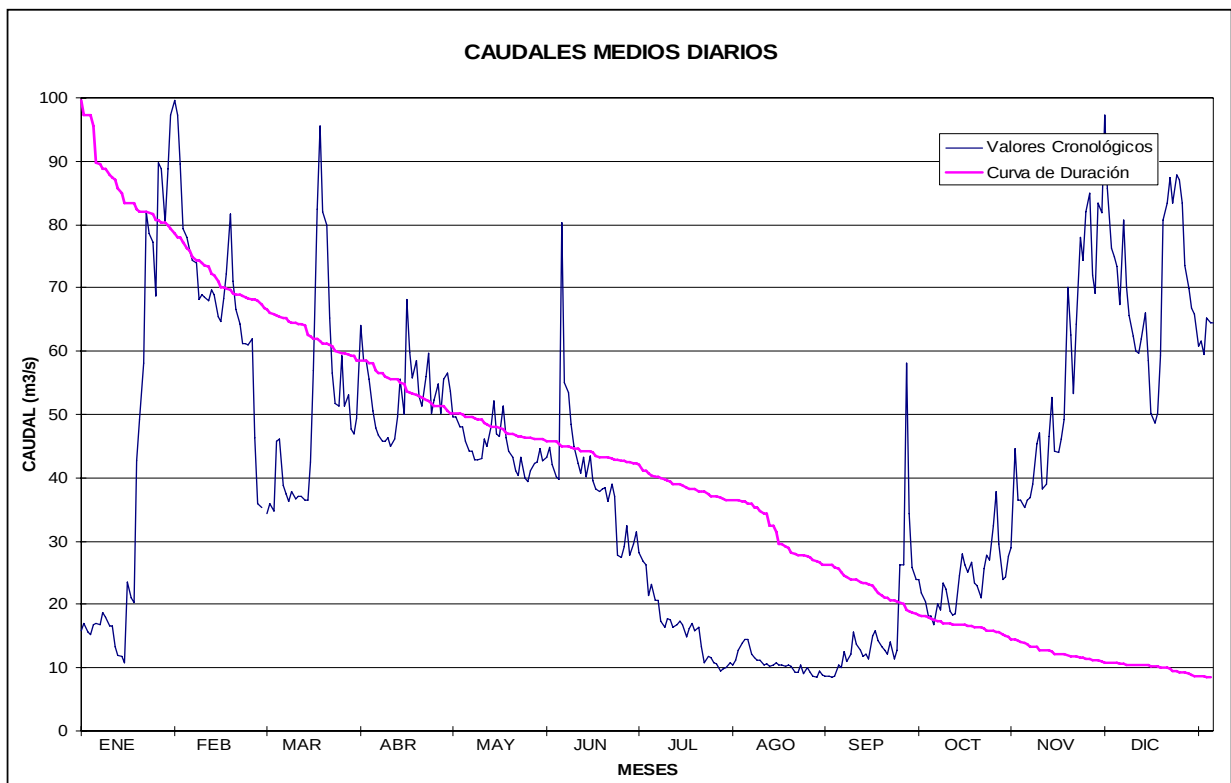
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

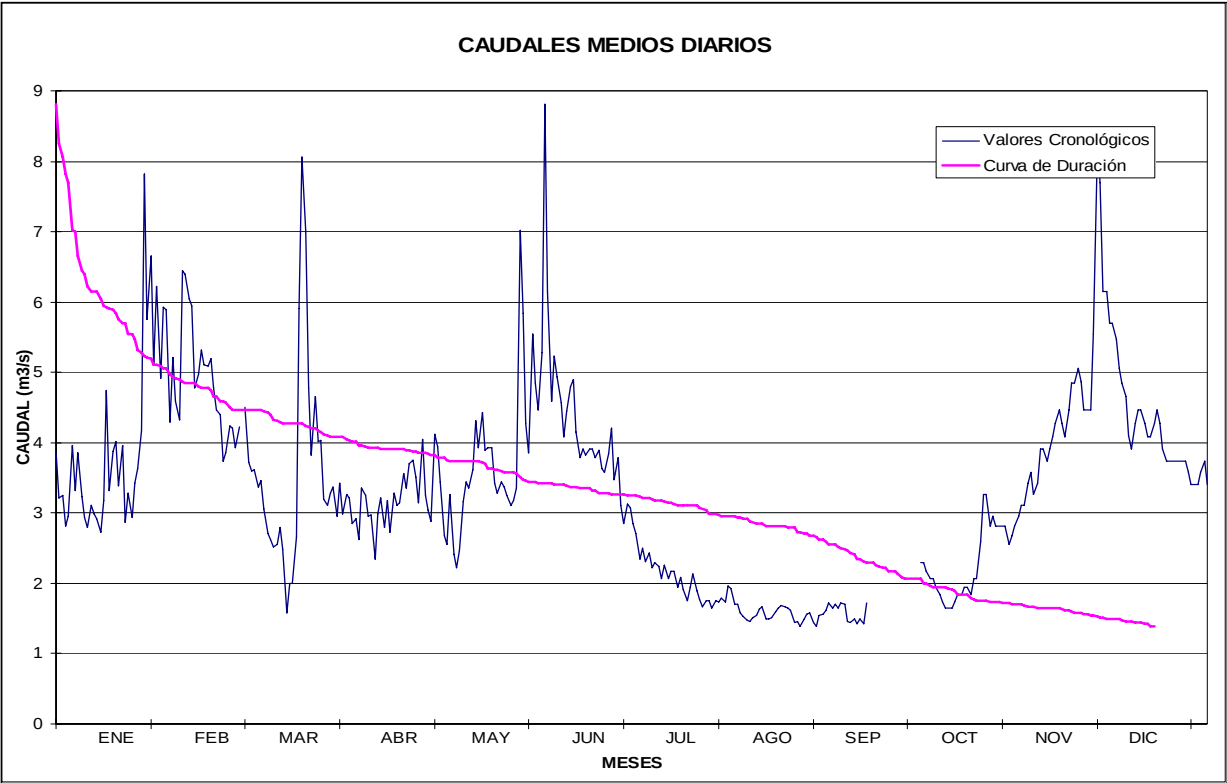
H156	PILATON AJ TOACHI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	15.774	97.382	34.324	58.507	49.547	41.998	26.315	13.982	10.371	18.13	36.471	67.452
2	16.899	89.66	35.883	58.505	48.027	40.121	21.506	14.454	10.011	16.773	36.804	80.662
3	15.713	79.366	34.767	55.525	47.98	39.816	23.188	14.538	12.466	20.034	38.969	70.07
4	15.225	77.964	45.747	50.527	45.715	80.368	20.575	12.078	10.999	19.036	45.428	65.551
5	16.818	75.805	46.043	47.911	44.246	55.111	20.697	11.492	12.086	23.391	47.171	62.341
6	17.02	74.268	38.883	46.716	44.263	53.423	17.389	11.14	15.542	22.332	38.214	59.945
7	16.746	74.012	37.475	45.668	42.821	48.389	16.472	11.136	13.746	18.915	39.025	59.557
8	18.657	68.193	36.383	45.797	42.765	44.892	17.783	10.481	12.715	18.396	46.449	62.042
9	17.946	68.823	37.765	46.392	43.021	42.245	17.6	10.567	11.706	18.504	52.689	66.057
10	16.553	68.442	36.598	45.01	46.063	40.735	16.371	10.327	12.25	24.533	44.149	58.508
11	16.619	68.041	37.091	46.105	45.049	43.199	16.713	10.426	11.465	27.912	44.049	50.111
12	13.4	69.664	37.068	49.676	48.095	40.085	17.414	10.791	15.12	26.281	46.08	48.702
13	11.901	68.916	36.46	55.506	52.214	43.342	16.832	10.436	15.833	25.032	49.266	50.19
14	11.724	65.518	36.574	50.063	46.874	39.585	14.895	10.512	14.256	26.547	70.089	59.195
15	10.805	64.764	42.463	68.188	46.443	38.172	16.215	10.172	13.349	23.34	62.634	80.789
16	23.582	68.352	57	59.816	51.28	37.871	17.025	10.41	12.728	23.013	53.247	83.337
17	20.959	72.118	82.458	55.877	46.357	38.182	15.858	10.177	12.075	21.029	64.352	87.382
18	20.273	81.724	95.553	58.451	44.243	38.342	16.475	9.197	14.033	25.589	77.897	83.442
19	42.632	71.077	81.969	52.809	43.184	36.37	13.291	9.302	11.478	27.73	74.32	87.844
20	49.268	66.559	79.831	51.332	41.118	39.035	10.72	10.354	12.788	27.109	82.06	87.013
21	58.132	64.226	65.301	55.999	40.293	37.039	11.779	9.122	26.187	32.506	85.019	83.342
22	82.045	61.11	56.598	59.667	43.291	27.878	11.559	10.067	26.344	37.889	72.09	73.56
23	78.576	61.275	51.768	50.245	39.916	27.356	10.782	9.329	58.058	29.467	69.128	69.806
24	77.208	60.925	51.411	52.336	39.438	29.162	10.682	8.715	34.397	23.968	83.464	66.834
25	68.785	61.946	59.195	54.901	41.142	32.495	9.496	8.407	25.831	24.24	81.947	65.88
26	89.695	46.401	51.272	50.099	42.287	27.752	9.897	9.482	24.031	27.628	97.303	60.821
27	88.825	35.925	53.071	55.602	42.551	29.485	10.132	8.811	23.91	28.936	85.76	61.503
28	80.305	35.263	47.678	56.61	44.515	31.387	10.906	8.698	21.823	44.684	76.221	59.536
29	88.716		46.97	53.639	42.693	28.243	10.393	8.681	20.534	36.446	74.9	65.283
30	97.343		49.395	49.686	43.31	26.855	11.254	8.4	18.194	36.512	73.403	64.451
31	99.535		64.05		44.763		12.666	8.638		35.264		64.566
Caudal Max.	143.605	106.885	108.909	88.512	78.593	133.412	27.206	14.747	90.372	59.588	125.718	161.342
Día	29	1	18	15	16	4	1	3	23	28	20	17
Hora	18.5	2.5	1.2	11.1	16.5	2	5.5	8.1	4.2	16.4	16.5	14.5
Caudal Min.	10.171	34.69	33.485	44.33	37.785	26.127	9.148	7.552	9.148	16.009	30.558	41.656
Día	15	28	2	11	25	30	26	25	5	1	1	11
Hora	5.5	9.1	4.1	14.5	8	22.5	1	8.5	16.1	19.3	16	13.5
Caudal Medio	41.861	67.776	50.55	52.906	44.629	39.298	15.254	10.333	17.811	26.167	61.62	67.928

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997												
CAUDALES MEDIOS DIARIOS (m3/s)												
H159	SAN PEDRO EN MACHACHI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	3.875	5.112	4.495	2.986	3.951	4.846	3.069	1.963	1.611	2.297 *	2.962 *	5.699 *
2	3.215	6.218	3.725	3.268	3.442	4.468	2.847	1.933	1.72	2.297 *	3.107 *	5.48 *
3	3.246	4.915	3.59	3.218	2.681	5.281	2.715	1.702	1.643	2.18 *	3.107 *	5.056 *
4	2.818	5.918	3.609	2.85	2.549	8.802	2.346	1.696	1.701	2.063 *	3.424 *	4.849 *
5	2.96	5.897	3.376	2.926	3.258	6.142	2.505	1.576	1.659	2.063 *	3.578 *	4.654 *
6	3.955	4.29	3.457	2.622	2.421	4.589	2.311	1.524	1.727	1.954 *	3.26 *	4.1 *
7	3.313	5.214	3.066	3.349	2.232	5.231	2.429	1.484	1.696	1.845 *	3.424 *	3.915 *
8	3.851	4.58	2.707	3.244	2.461	4.928	2.221	1.461	1.452	1.744 *	3.915 *	4.274 *
9	3.237	4.324	2.618	2.959	3.157	4.568	2.292	1.514	1.45	1.643 *	3.915 *	4.458 *
10	2.932	6.441	2.524	2.979	3.44	4.089	2.246	1.555	1.489	1.643 *	3.741 *	4.458 *
11	2.789	6.386	2.549	2.345	3.345	4.446	2.065	1.639	1.422	1.643 *	3.915 *	4.274 *
12	3.114	6.051	2.804	2.992	3.611	4.797	2.259	1.674	1.497	1.744 *	4.089 *	4.089 *
13	2.982	5.937	2.489	3.218	4.306	4.896	2.075	1.502	1.422	1.845 *	4.274 *	4.089 *
14	2.925	4.782	1.575	2.795	3.92	4.157	2.179	1.492	1.727	1.845 *	4.458 *	4.274 *
15	2.724	4.973	2.005	3.18	4.439	3.782	2.175	1.509		1.954 *	4.274 *	4.458 *
16	3.187	5.322	2.002	2.731	3.897	3.917	1.952	1.598		1.954 *	4.089 *	4.274 *
17	4.746	5.114	2.654	3.283	3.92	3.816	2.08	1.65		1.845 *	4.469 *	3.915 *
18	3.314	5.09	5.902	3.107	3.919	3.913	1.904	1.693		2.063 *	4.849 *	3.741 *
19	3.868	5.188	8.063	3.148	3.426	3.913	1.75	1.667		2.063 *	4.849 *	3.741 *
20	4.009	4.776	6.995	3.557	3.277	3.782	1.952	1.657		2.585 *	5.056 *	3.741 *
21	3.384	4.47	4.786	3.351	3.435	3.897	2.136	1.619		3.26 *	4.86 *	3.741 *
22	3.958	4.4	3.815	3.696	3.371	3.625	1.891	1.446		3.26 *	4.458 *	3.741 *
23	2.863	3.741	4.648	3.751	3.248	3.587	1.766	1.464		2.818 *	4.458 *	3.741 *
24	3.276	3.856	4.013	3.516	3.112	3.844	1.671	1.396		2.962 *	4.458 *	3.741 *
25	2.939	4.24	4.035	3.152	3.179	4.196	1.751	1.496		2.818 *	5.551 *	3.578 *
26	3.423	4.212	3.203	4.044	3.359	3.479	1.763	1.562		2.818 *	8.25 *	3.414 *
27	3.63	3.934	3.107	3.253	7.021	3.794	1.657	1.583		2.818 *	7.701 *	3.414 *
28	4.175	4.221	3.281	3.038	5.845	3.118	1.755	1.435		2.818 *	6.159 *	3.414 *
29	7.812		3.369	2.877	4.271	2.848	1.729	1.386		2.549 *	6.159 *	3.578 *
30	5.759		2.948	4.11	3.857	3.127	1.782	1.547		2.683 *	5.699 *	3.741 *
31	6.662		3.423		5.542		1.738	1.572		2.818 *		3.414 *
Caudal Max.	17.285	13.369	21.358	10.773	26.033	21.909	3.741	4.089		3.414 *	8.25 *	5.699 *
Día	29	10	19	20	27	4	2	1		21	26	1
Hora	19.3	20.3	2.3	23.2	19.2	10.3	22.1	13		18	6	6
Caudal Min.	1.055	1.845	0.371	0.854	0.407	0.579	0.579	0.579		1.643 *	2.818 *	3.414 *
Día	13	20	16	6	10	26	27	24		9	1	25
Hora	18.1	15.1	7.3	3.5	7.1	10.5	12.5	10.4		6	6	18
Caudal Medio	3.708	4.986	3.575	3.185	3.674	4.329	2.097	1.58		2.287	4.55	4.099

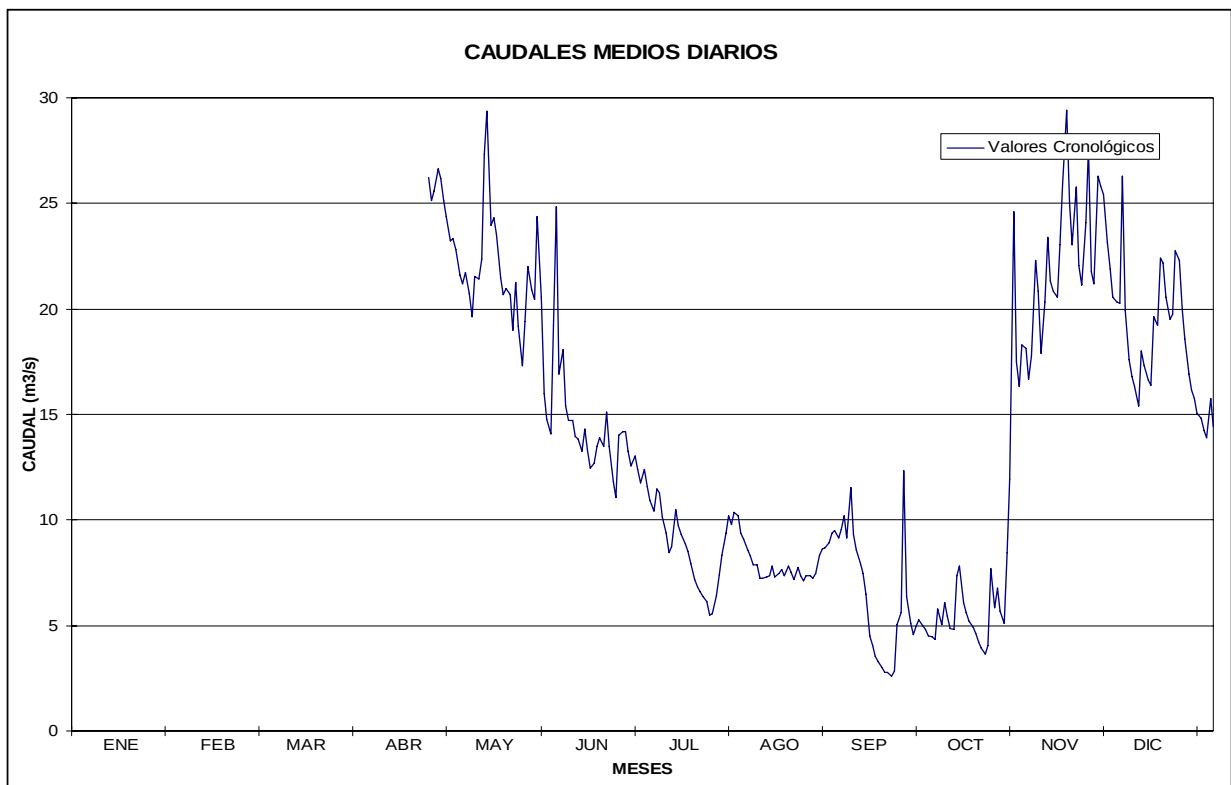
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H160	SARAPULLO AJ TOACHI											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1					23.224	14.782	11.752	10.181	9.499	4.524	18.124	20.265
2					23.346	14.09	12.367	9.403	9.158	4.481	16.695	26.285
3					22.798	19.237	11.608	9.081	9.565	4.365	17.781	19.943
4					21.612	24.872	10.928	8.548	10.202	5.783	22.281	17.599
5					21.195	16.936	10.396	8.299	9.146	5.026	20.864	16.803
6					21.73	18.074	11.454	7.864	11.541	6.064	17.867	16.306
7					20.742	15.381	11.265	7.887	9.32	5.462	20.306	15.429
8					19.639	14.729	10.157	7.268	8.579	4.879	23.417	18.028
9					21.553	14.701	9.408	7.232	7.934	4.793	21.285	17.313
10					21.418	13.984	8.452	7.288	7.446	7.383	20.826	16.649
11					22.369	13.829	8.757	7.341	6.484	7.835	20.55	16.363
12					27.315	13.256	10.474	7.805	4.522	6.069	23.037	19.654
13					29.364	14.312	9.717	7.291	4.072	5.606	25.811	19.217
14					23.99	13.319	9.32	7.448	3.528	5.195	29.398	22.432
15					24.315	12.424	8.877	7.647	3.291	4.929	25.042	22.16
16					23.539	12.683	8.531	7.382	3.008	4.651	23.041	20.541
17					21.496	13.467	7.918	7.814	2.807	4.227	25.783	19.494
18					20.701	13.927	7.193	7.51	2.793	3.919	22.088	19.757
19					20.974	13.514	6.817	7.16	2.58	3.651	21.137	22.756
20					20.663	15.105	6.597	7.772	2.843	4.053	24.084	22.306
21					18.977	13.48	6.379	7.357	5.038	7.717	27.61	19.972
22					21.251	11.837	6.167	7.134	5.633	5.851	21.784	18.597
23					19.169	11.085	5.514	7.341	12.327	6.787	21.19	16.936
24				26.234	17.289	14.007	5.579	7.357	6.368	5.692	26.291	16.181
25				25.11	19.388	14.176	6.444	7.265	5.105	5.124	25.848	15.758
26				25.57	22.018	14.169	7.433	7.45	4.594	8.477	25.41	15.074
27				26.621	20.91	13.256	8.319	8.342	4.957	11.952	23.163	14.821
28				26.194	20.438	12.573	9.405	8.645	5.274	24.621	21.912	14.264
29				25.152	24.392	13.002	10.185	8.713	4.979	17.505	20.58	13.889
30				24.391	20.549	12.393	9.768	8.936	4.802	16.346	20.342	15.767
31					15.97		10.354	9.359		18.293		14.443
Caudal Max.					67.871	58.866	13.238	11.011	20.827	36.151	42.629	36.835
Día					12	3	31	1	23	28	14	2
Hora					20.4	21.1	20.2	0.2	1.2	14.4	14.4	1.3
Caudal Min.					14.642	10.425	5.514	6.916	2.39	3.454	15.009	12.903
Día					31	23	24	10	20	20	2	29
Hora					13.1	20.4	7.1	20.2	18.4	13	12.3	13
Caudal Medio					21.688	14.42	8.953	7.939	6.247	7.46	22.451	18.226

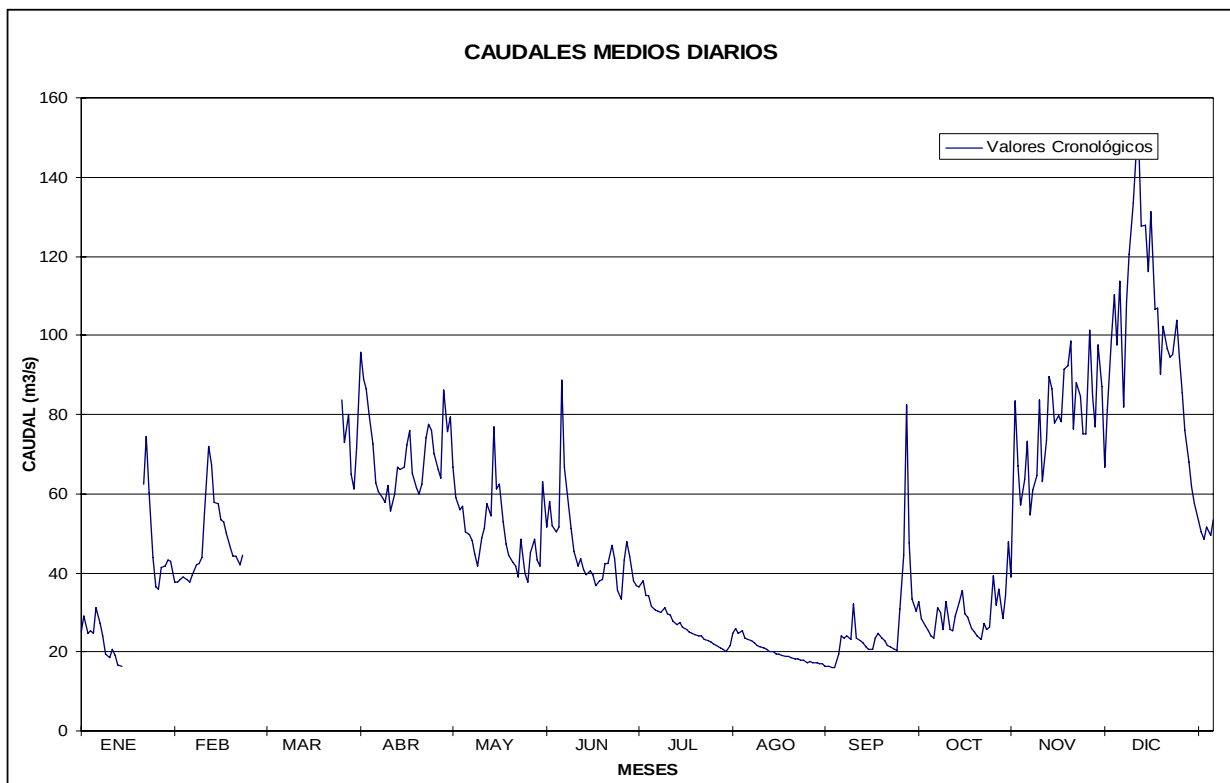
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H161	TOACHI AJ PILATON											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	25.123	37.673		88.893	58.929	51.895	34.175	25.192	19.513	24.17	73.217	113.703
2	29.001	38.342		86.439	55.761	50.217	34.217	23.621	24.009	23.525	54.724	81.967
3	24.754	38.815		79.894	56.906	51.605	31.364	23.244	23.322	31.267	60.936	108.471
4	25.196	38.429		72.622	50.29	88.771	30.6	22.913	24.183	29.918	64.609	120.575
5	24.609	37.673		62.579	49.662	66.654	30.19	22.171	23.206	25.771	83.746	133.333
6	31.285	39.455		60.624	48.291	57.009	30.015	21.618	32.007	32.638	62.859	144.481
7	27.053	41.921		59.087	44.803	51.136	31.076	21.225	23.506	25.512	73.519	148.884
8	24.063	42.237		57.669	41.589	45.515	29.662	20.926	22.752	25.281	89.673	127.449
9	19.517	43.993		62.16	48.837	41.778	29.496	20.595	22.379	29.038	86.426	127.996
10	18.646	55.316		55.462	51.186	43.434	27.822	19.925	21.3	32.691	77.95	115.994
11	20.705	72.033		60.07	57.592	40.734	27.002	20.183	20.847	35.524	79.788	131.255
12	19.11	67.336		66.7	54.371	39.428	27.422	19.517	20.657	29.739	78.086	106.557
13	16.683	57.857		66.087	76.929	40.586	26.255	19.334	23.546	28.665	91.529	106.949
14	16.45	57.389		66.799	61.106	39.667	25.613	19.08	24.731	26.095	92.39	90.257
15		53.327		72.13	62.5	36.757	25.17	18.888	23.4	25.168	98.411	102.37
16		52.937		75.944	52.785	37.887	24.817	18.735	22.874	23.946	76.216	96.697
17		50.036		65.124	47.19	38.358	24.515	18.635	21.575	23.09	87.897	94.448
18		46.376		61.456	44.358	42.246	24.031	18.175	21.185	27.1	84.728	95.073
19		44.166		60.06	42.743	42.337	23.998	18.121	20.665	25.505	75.19	103.768
20		44.166		62.349	41.805	46.819	23.242	17.906	20.343	26.17	74.928	94.624
21	62.375	42.142		74.027	38.993	43.528	23.007	17.906	30.879	39.352	101.444	85.439
22	74.453	44.456		77.397	48.542	35.56	22.42	17.394	44.508	31.871	84.616	75.95
23	60.253			76.068	39.978	33.488	21.967	17.736	82.424	35.901	76.941	68.038
24	43.86			70.054	37.813	43.131	21.584	17.197	47.666	28.334	97.514	61.91
25	36.574		83.741	66.199	45.058	47.92	21.03	17.305	33.428	34.308	86.991	57.482
26	35.685		72.789	63.961	48.609	44.182	20.618	16.853	30.356	47.922	66.717	53.232
27	41.36		79.972	86.106	43.329	38.095	20.219	16.962	32.587	38.916	81.153	50.235
28	41.698		65.016	75.629	41.549	36.841	21.594	16.493	28.399	83.532	99.546	48.491
29	43.194		61.099	79.415	63.092	36.434	24.673	16.365	26.454	66.983	110.211	51.532
30	42.997		71.391	66.591	51.65	37.918	25.921	16.072	25.323	57.099	97.481	49.477
31	37.673		95.687		58.018		24.659	16.193		63.564		53.359
Caudal Max.				105.219	97.046	98.185	38.26	28.868	113.864	104.023	115.78	175.629
Día				1	12	4	1	1	23	28	14	18
Hora				22.1	22.1	5.5	22	0.3	2.4	20.3	19.3	21.5
Caudal Min.				51.77	36.232	32.141	18.612	16.072	17.564	22.828	45.153	25.836
Día				10	25	24	29	31	1	17	2	2
Hora				19	17.1	13.2	20.3	9.2	2.2	19	17.2	3.1
Caudal Medio	33.693	47.549		69.253	50.46	44.998	26.077	19.241	27.934	34.793	82.314	93.548

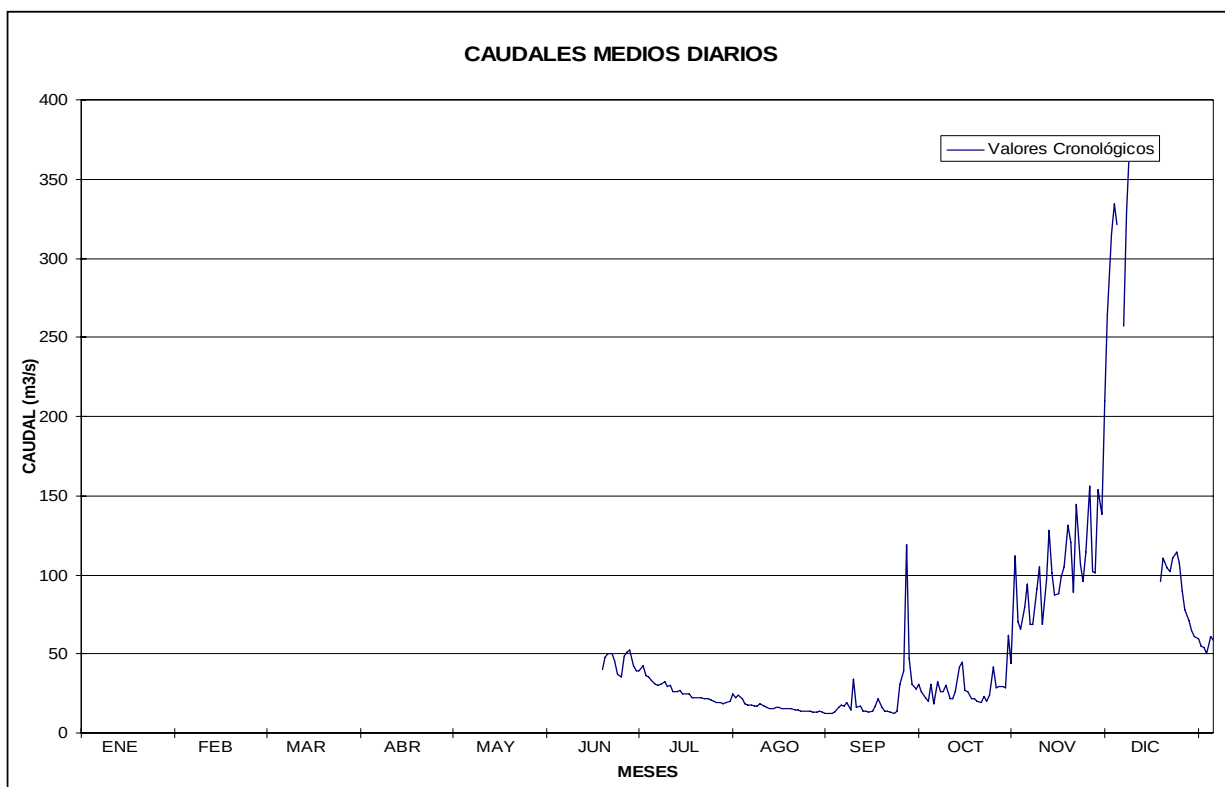
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

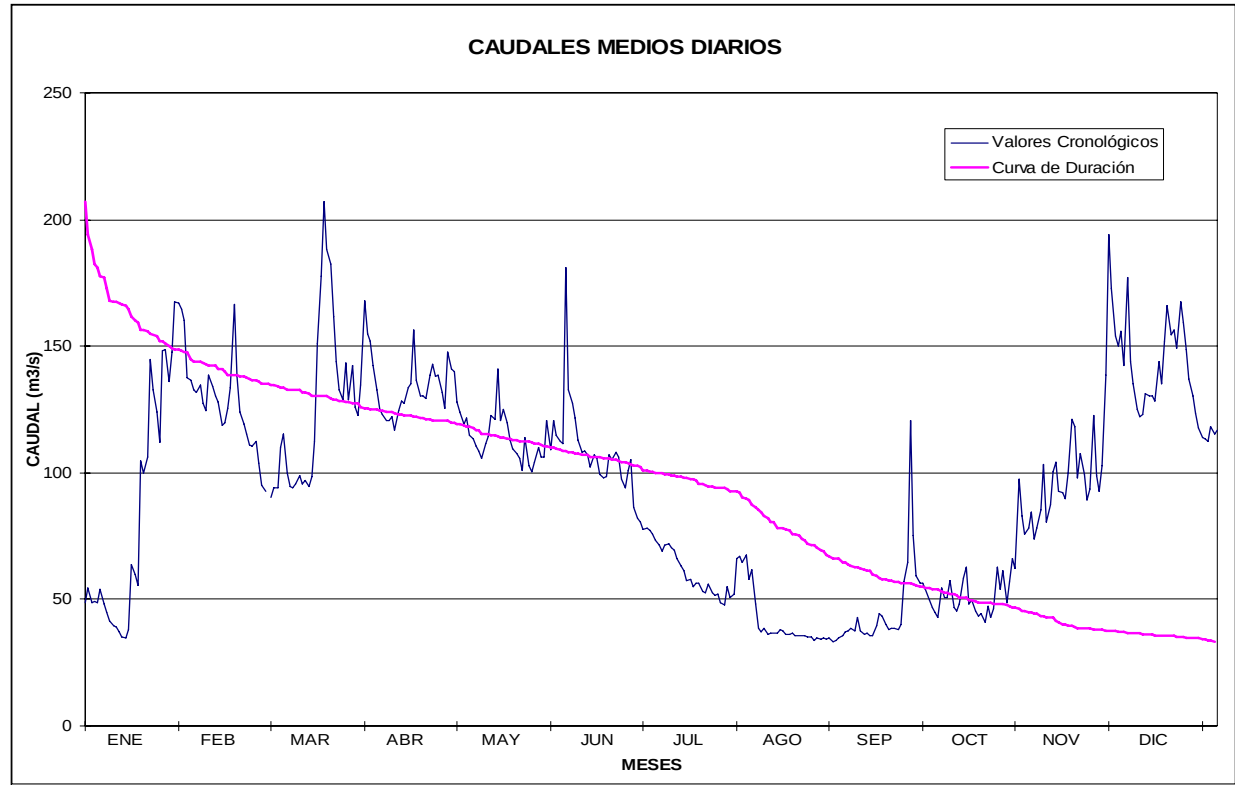
H163	TOACHI DJ SARAPULLO											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1						58.933 *	36.403	21.683	15.934	30.555 *	93.934	
2					66.403 *		35.697	18.56	17.674	18.642	68.755	256.781
3						57.502 *	32.843	17.845	16.801	32.808	68.962	328.851
4					57.502 *		30.856	17.845	19.155	26.165	91.19	365.366
5							30.363	17.039	14.692	26.323	105.031	
6					54.7 *		30.75	16.715	34.049	29.975	68.715	
7						54.013 *	32.256	18.514	15.884	21.538	96.374	
8					49.993 *		29.304	16.789	16.971	21.716	128.337	
9						50.65 *	30.459	16.445	14.155	26.226	101.14	
10							25.874	15.439	13.844	41.868	87.42	
11						45.532 *	26.285	15.439	13.474	44.678	88.087	
12							27.231	16.211	14.167	27.301	98.78	
13					71.944 *		24.992	16.157	17.241	26.546	105.345	
14						41.312 *	24.558	15.439	21.628	21.642	130.915	95.785
15					64.867 *		24.558	15.217	16.492	21.51	120.798	110.454
16							22.453	15.112	14.233	20.067	88.498	104.537
17						40.407	22.453	15.112	13.844	18.938	144.44	102.191
18					56.091 *	47.893	22.453	14.789	12.935	23.07	106.691	110.327
19						50.294	22.024	14.374	12.64	20.291	95.569	114.337
20					47.414 *	49.879	21.326	14.155	13.818	23.92	114.243	107.175
21						45.589	21.642	14.079	30.505	41.906	155.928	89.301
22						37.331	20.849	14.271	39.39	28.509	101.814	77.879
23					45.532 *	35.697	20.458	13.537	118.88	29.487	101.441	70.991
24						48.775	19.313	13.234	47.098	29.228	153.693	65.151
25					44.914 *	50.678	19.313	13.234	30.694	28.735	138.45	61.35
26						52.718	18.571	13.537	27.945	61.87	210.4	59.587
27						42.346	18.94	13.234	30.693	43.711	264.009	54.757
28						39.534	20.047	12.64	26.389	111.69	315.135	53.908
29					76.902 *	39.029	24.994	12.64	22.433	70.346	334.392	50.466
30						42.608	22.055	12.629	20.458	65.715	321.17	60.984
31							23.819	13.029		79.897		58.396
Caudal Max.							43.694	22.046	241.989	224.263	354.972	
Día							1	23	23	28	30	
Hora							22.3	5.5	2.4	17.3	10.5	
Caudal Min.							18.571	12.349	12.64	18.206	49.341	
Día							28	30	19	19	3	
Hora							18.2	23	20.3	20.5	11.5	
Caudal Medio						46.536	25.262	15.321	24.137	35.964	136.655	114.218

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997												
CAUDALES MEDIOS DIARIOS (m3/s)												
H165	TOACHI AJ ALLURIQUIN											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	48.815	164.634	90.221	155.101	123.817	115.089	77.163	67.393	35.933	44.697	84.571	142.503
2	54.373	160.199	94.18	151.878	118.983	112.376	75.923	58.143	36.949	42.844	73.714	177.292
3	48.671	137.667	94.265	142.318	121.526	111.528	73.303	61.649	37.83	54.542	78.093	143.706
4	49.1	136.636	110.199	132.518	114.979	181.167	71.545	48.363	38.798	50.767	85.292	135.326
5	48.542	132.639	115.48	125.001	113.353	132.595	69.066	38.708	37.424	50.789	103.478	124.807
6	53.821	131.555	99.735	123.163	110.34	127.624	71.638	37.157	42.891	57.492	80.578	121.957
7	48.071	134.53	94.566	120.758	108.571	121.682	71.67	38.476	37.591	46.685	87.461	122.944
8	45.091	127.451	93.985	120.889	105.61	113.142	70.451	36.429	36.306	45.592	100.257	131.403
9	41.61	124.679	95.321	122.108	111.626	108.225	69.309	36.535	36.507	48.347	104.464	130.244
10	39.496	138.474	99.146	117	114.248	108.507	65.919	36.506	35.509	58.498	92.842	130.468
11	39.095	134.275	95.592	124.307	122.655	107.097	63.104	36.564	35.891	62.595	92.119	128.59
12	37.187	130.222	97.015	128.454	121.02	102.149	61.187	37.924	39.503	48.47	89.688	144.049
13	35.414	127.703	94.647	127.591	140.688	107.028	57.284	37.433	44.382	49.55	99.916	135.083
14	34.849	118.889	98.646	133.651	120.85	105.739	58.061	36.405	43.662	45.455	120.948	151.809
15	38.313	119.55	112.439	135.079	124.799	99.635	54.877	36.344	39.996	43.392	118.484	166.086
16	63.474	125.529	151.119	156.589	119.93	98.054	56.597	36.454	38.277	44.286	97.864	154.469
17	59.716	133.822	177.628	136.531	112.909	98.44	56.357	35.749	38.654	41.131	107.848	156.345
18	55.663	166.361	207.258	130.4	109.394	107.03	53.099	35.55	38.641	47.476	99.552	149.176
19	104.62	138.258	188.385	130.239	107.505	105.046	52.843	35.578	38.254	42.864	89.391	167.593
20	99.862	124.165	182.372	129.119	105.773	108.256	55.933	35.748	40.168	46.412	93.399	159.279
21	106.304	119.008	161.684	138.393	100.771	106.38	52.633	35.062	56.857	62.7	122.523	148.783
22	144.65	115.216	143.608	142.701	113.919	97.728	51.583	35.147	64.502	54.175	98.859	137.291
23	132.834	110.99	132.758	138.21	102.61	93.972	52.11	34.01	120.689	61.06	92.752	130.217
24	123.851	110.722	128.813	138.705	100.5	100.815	48.545	34.717	75.497	48.877	102.763	123.389
25	111.932	112.627	143.106	131.651	104.373	105.181	47.923	34.162	59.34	56.785	138.54	117.902
26	148.208	103.881	128.669	125.286	110.058	86.416	54.783	34.68	56.483	66.174	194.123	113.717
27	148.888	94.961	142.379	147.653	106.031	81.83	50.759	34.491	56.577	62.114	172.744	113.242
28	135.931	92.86	126.042	140.97	106.187	80.419	52.33	34.578	53.907	97.477	154.067	112.554
29	147.84		122.823	140.187	120.648	77.654	66.096	33.388	49.931	82.828	149.883	118.034
30	167.326		134.555	127.863	108.881	78.253	67.178	33.978	46.815	76	155.79	115.403
31	166.817		167.869		120.629		64.467	34.733		78.139		116.947
Caudal Max.	251.472	205.931	223.477	187.639	205.931	259.283	80.407	80.407	173.445	127.127	212.843	225.28
Día	29	18	18	2	12	4	1	1	23	28	25	2
Hora	19.5	3.4	5.2	23	22	2.1	23.2	0.2	2.5	20.4	23.4	1.2
Caudal Min.	34.249	91.386	88.306	114.802	96.665	76.627	47.468	33.126	32.573	40.842	65.951	104.364
Día	14	28	1	8	25	30	25	29	5	19	2	30
Hora	13.4	20.3	15	14.2	14.2	20.4	8.1	12	15.5	14.4	16.4	17
Caudal Medio	83.237	127.411	126.597	133.81	113.651	105.969	61.088	38.776	47.125	55.426	109.4	136.149

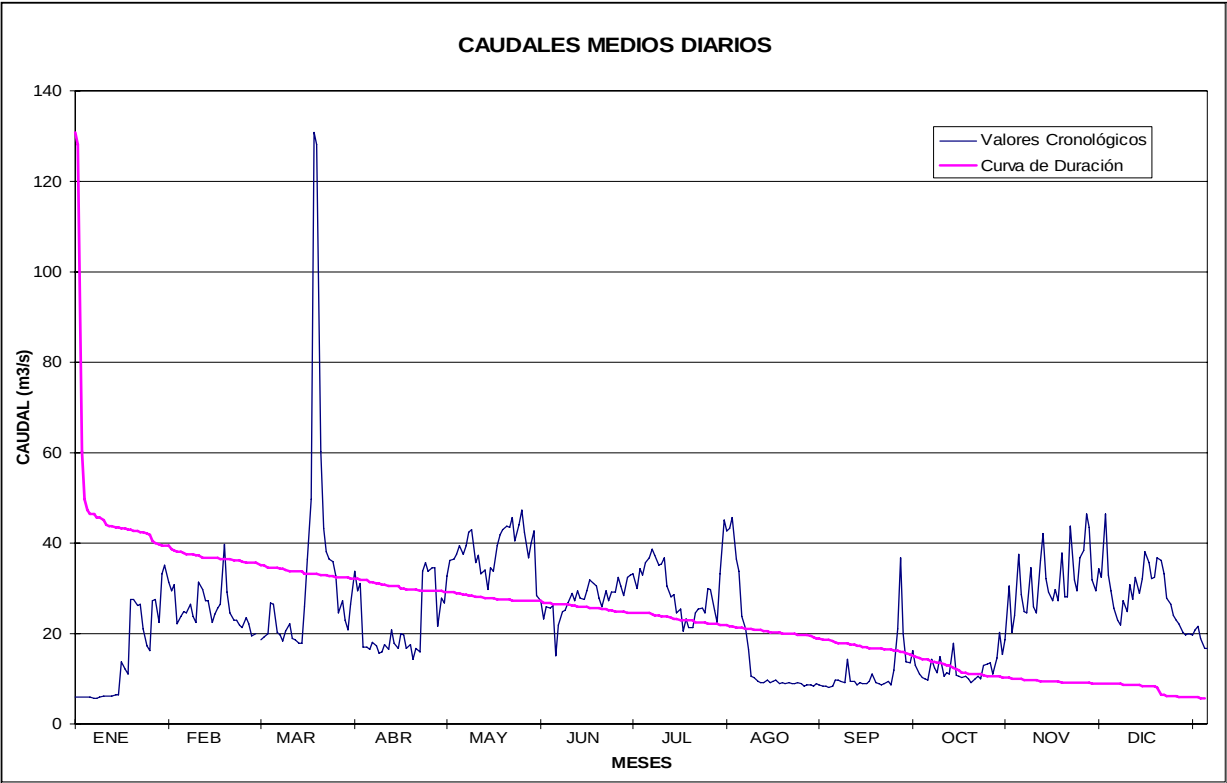
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

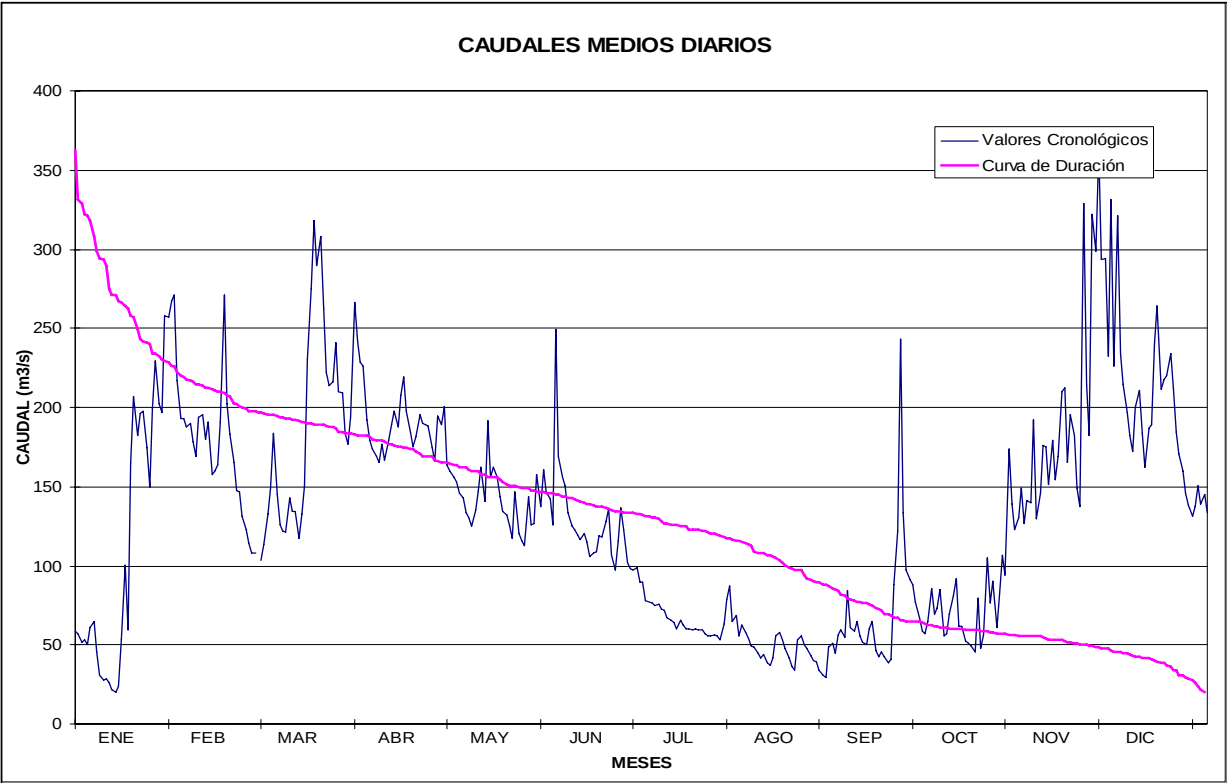
H166	TOACHI EN LAS PAMPAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	5.924 *	29.37	18.704	29.522	36.19	26.076	34.397	36.541	8.296	9.906	28.614	25.579
2	6.035 *	30.781	19.273	30.978	36.436	25.794	32.955	33.683	9.631	9.834	24.813	22.868
3	5.924 *	22.216	19.939	16.907	37.44	26.303	35.622	23.855	9.771	14.308	24.463	21.842
4	5.924 *	23.872	26.842	16.928	39.546	15.187	36.884	21.034	9.568	12.52	34.661	27.28
5	5.924 *	24.827	26.368	16.484	37.688	21.938	38.747	16.539	9.324	11.269	25.815	24.825
6	5.815 *	24.482	20.222	17.995	39.553	24.818	37.417	10.451	14.3	14.811	24.489	30.883
7	5.707 *	26.442	19.707	17.306	42.345	25.187	35.161	10.201	9.471	10.55	36.116	27.574
8	5.707 *	23.742	18.289	15.565	43.036	26.711	35.354	9.557	9.338	11.271	42.242	32.357
9	5.924 *	22.537	20.489	15.811	35.676	28.905	36.876	9.206	8.518	11.093	32.209	28.975
10	6.146 *	31.254	22.282	17.662	37.178	27.177	30.592	9.127	9.087	17.878	29.059	32.048
11	6.146 *	29.826	18.952 *	16.475	33.348	29.332	28.169	9.797	8.993	10.934	27.183	38.171
12	6.146 *	27.333	18.704 *	20.888	34.067	27.924	28.571	9.217	8.975	10.617	29.819	35.786
13	6.146 *	27.242	17.737 *	17.758	29.786	27.623	24.655	9.33	9.469	10.225	27.37	32.15
14	6.374 *	22.379	17.737 *	16.793	34.673	29.343	25.366	9.693	11.198	10.481	37.729	32.515
15	6.374 *	24.429	26.042 *	19.945	33.876	31.992	20.601	9.037	9.217	10.107	28.01	36.691
16	13.822	25.692	36.43 *	19.67	39.534	31.027	23.314	9.296	8.934	9.29	28.092	36.24
17	12.069	26.352	49.808 *	16.662	41.891	30.448	21.441	8.85	8.753	9.886	43.875	33.188
18	11.141	39.666	130.918 *	17.677	42.845	27.839	21.246	9.316	8.809	10.655	31.781	27.963
19	27.595	29.14	128.042 *	14.453	43.893	25.922	24.694	8.839	9.361	10.084	29.58	26.607
20	27.669	24.54	60.301 *	16.737	43.491	29.513	25.297	8.896	8.708	12.993	36.771	23.998
21	26.085	23.039	43.143 *	15.858	45.566	27.328	25.585	9.064	11.958	13.334	38.352	22.855
22	26.392	22.943	38.028 *	33.865	40.621	29.056	24.464	8.829	21.122	13.428	46.493	22.217
23	21.124	21.899	36.43 *	35.81	43.925	29.147	29.89	8.501	36.7	11.158	43.638	20.188
24	17.425	21.298	36.039 *	33.82	47.325	32.486	29.756	8.702	20.127	14.69	31.869	19.618
25	16.105	23.616	32.64	34.469	42.531	30.469	25.132	8.653	13.738	20.275	29.517	20.065
26	27.245	22.27	24.548	34.694	36.756	28.424	22.392	8.418	13.603	15.342	34.289	19.61
27	27.629	19.332	27.315	21.558	40.034	32.321	33.16	8.817	16.182	18.711	32.469	20.834
28	22.304	20.047	22.874	27.933	42.677	33.106	45.004	8.702	13.011	30.535	46.61	21.642
29	33.291		20.891	26.785	28.39	33.208	42.605	8.418	11.215	20.395	32.858	18.998
30	35.002		26.493	32.73	27.348	29.978	43.159	8.44	10.225	23.964	29.4	16.861
31	31.426		33.695		23.148		45.649	8.064		37.615		16.806
Caudal Max.	128.953	56.825	147.007 *	42.237	47.709	35.649	47.709	42.237	60.118	65.9	82.748	54.702
Día	29	18	19	1	24	24	29	1	23	28	28	6
Hora	19	3.4	7	23	8	16.1	23.5	13.2	2.4	7.1	1.2	15.3
Caudal Min.	5.707 *	18.703	16.806 *	11.223	15.91	7.604	20.222	7.869	8.14	8.993	18.216	16.806
Día	6	28	7	27	25	4	15	31	12	17	2	31
Hora	16	23.1	16	1.2	21.5	1.3	14.5	17.1	17	14.4	5.3	12
Caudal Medio	15.05	25.377	34.157	22.325	38.091	28.153	31.102	11.841	11.92	14.457	32.939	26.362

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997												
CAUDALES MEDIOS DIARIOS (m3/s)												
H167	TOACHI EN S.D.DE LOS COLORADOS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	58.473	267.238	103.743	241.562	159.539	146.792	89.657	68.757	51.281	57.07	148.811	226.009
2	57.519	271.231	113.489	228.471	156.202	142.379	89.724	55.818	45.017	64.595	126.811	321.202
3	51.9	216.719	133.163	226.046	153.192	125.679	78.056	62.752	56.231	85.983	141.401	233.894
4	53.288	192.852	148.924	192.382	146.095	249.481	77.412	58.042	59.829	69.428	139.908	214.657
5	50.53	193.067	184.003	179.144	142.475	169.316	76.602	53.904	54.516	73.272	192.428	196.573
6	61.165	187.704	144.835	173.868	133.768	156.331	75.273	49.516	84.546	85.006	129.861	181.951
7	64.657	190.188	126.176	169.48	130.491	150.746	75.612	48.752	61.148	55.312	146.16	172.271
8	45.841	178.158	121.806	165.207	124.917	133.374	72.808	44.836	58.991	56.979	176.338	199.867
9	30.608	169.058	121.418	176.94	134.994	125.413	71.481	41.819	64.588	69.546	174.958	210.753
10	28.025	193.767	142.601	167.048	147.15	122.595	67.421	43.656	55.444	80.741	150.988	183.525
11	28.491	195.734	133.996	179.295	162.204	119.709	65.457	38.413	51.597	92.021	179.15	161.804
12	26.357	180.255	134.497	189.569	140.272	116.35	63.807	36.802	50.073	61.942	154.622	186.912
13	21.784	190.866	117.279	197.396	191.404	120.251	60.006	41.767	60.026	61.954	169.282	188.998
14	20.228	157.343	133.023	187.876	155.673	115.001	65.413	55.958	64.757	52.529	210.321	240.528
15	23.647	159.533	150.59	207.502	162.262	105.412	62.419	57.965	46.506	51.299	212.604	264.398
16	53.56	163.635	229.965	219.046	156.04	107.831	60.176	53.211	42.388	49.351	165.159	211.215
17	100.562	190.493	275.245	197.45	143.749	108.662	60.333	47.982	45.611	45.178	195.683	218.125
18	59.741	270.95	318.178	184.385	134.16	118.683	59.331	41.318	42.346	79.674	182.386	220.006
19	164.355	202.468	289.709	175.497	132.327	118.066	59.994	36.04	38.768	47.959	149.16	233.944
20	207.096	183.34	308.435	181.789	125.015	128.372	59.461	34.096	40.613	56.246	137.725	212.673
21	182.239	164.976	262.343	195.605	117.572	135.538	59.456	53.149	87.861	104.677	328.755	184.462
22	196.015	147.392	222.502	190.17	146.767	106.71	57.463	55.563	122.282	76.535	214.723	170.423
23	197.402	146.954	213.904	188.983	120.515	96.984	55.806	49.951	243.402	90.134	181.891	160.109
24	174.859	131.427	215.86	188.766	115.768	116.085	55.65	48.026	133.505	61.292	321.698	145.908
25	149.724	122.972	241.014	174.382	112.668	136.904	56.041	42.999	97.486	81.866	298.746	138.264
26	198.982	114.636	210.093	165.793	143.491	122.836	55.343	40.342	91.423	106.236	363.151	131.107
27	229.306	108.432	209.542	194.347	125.968	102.114	53.564	39.505	87.879	94.355	293.5	137.693
28	202.595	107.976	183.678	189.248	126.741	97.905	63.601	34.155	77.452	173.827	294.3	150.326
29	196.964		176.495	200.494	157.419	97.303	78.54	30.946	67.462	139.191	232.566	138.856
30	257.864		193.735	163.721	137.401	99.077	87.337	29.528	58.778	122.959	331.547	145.011
31	256.791		266.096		160.822		65.248	48.502		130.408		133.344
Caudal Max.	432.815	346.159	360.064	312.356	305.762	392.143	157.343	116.866	377.751	264.281	678.624	421.565
Día	29	18	18	3	12	4	28	13	23	28	30	2
Hora	22.2	6	7.5	2.2	23.2	4.2	20.1	21.4	2.4	17.5	6.4	6
Caudal Min.	18.629	103.743	101.616	154.831	108.048	89.228	47.936	29.305	36.04	41.819	105.887	116.866
Día	15	28	2	26	25	30	28	30	20	18	2	30
Hora	1.2	23.3	4	17	16	20.1	10.1	15.4	6.1	2.2	19.2	8.1
Caudal Medio	111.309	178.549	187.946	189.715	141.841	126.397	67.048	46.583	71.393	79.921	204.821	190.8

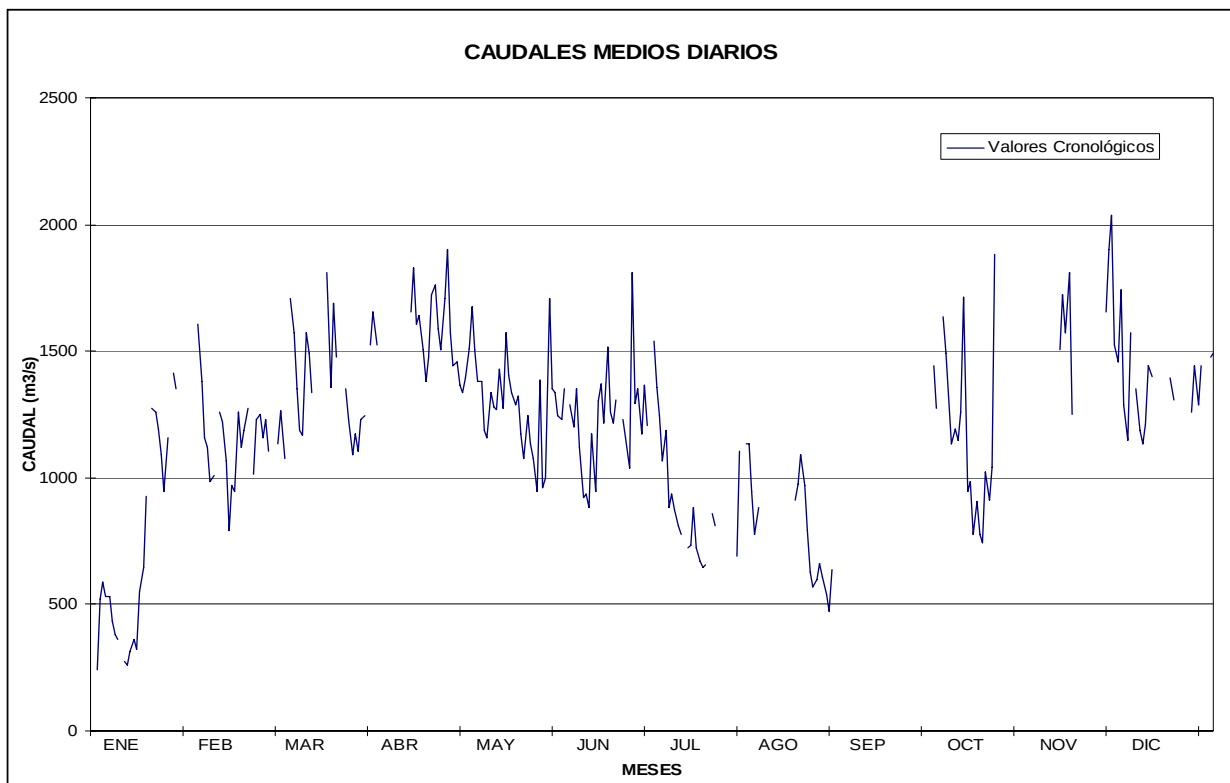
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H168	ESMERALDAS DJ SADE											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				1523.793 *	1336.096 *	1246.344 *		1135.766 *		1444.516 *	2168.719 *	1740.535 *
2			1132.233 *	1654.995 *	1396.523 *	1233.011 *	1538.897 *	1134.353 *		1275.669 *		1290.065 *
3	242.224 *		1262.16 *	1523.078 *	1512.977 *	1350.314 *	1356.54 *	947.801 *				1146.276 *
4	520.364 *		1078.534 *		1674.759 *		1246.344 *	778.451 *		1638.282 *		1571.786 *
5	587.104 *	1604.855 *			1508.153 *	1290.065 *	1064.669 *	884.807 *		1490.904 *		
6	529.531 *	1380.883 *	1706.75 *		1381.417 *	1202.623 *	1188.513 *			1320.101 *		1350.847 *
7	529.873 *	1160.495 *	1573.218 *		1382.307 *	1350.847 *	884.807 *			1132.587 *		1188.757 *
8	432.108 *	1119.957 *	1350.847 *		1188.757 *	1118.544 *	934.816 *			1193.713 *	1158.734 *	1134.353 *
9	383.236 *	985.176 *	1188.403 *		1160.141 *	922.007 *	872.524 *			1150.517 *		1211.727 *
10	359.816 *	1010.97 *	1170.309 *		1338.586 *	934.816 *	813.205 *			1260.563 *		1444.516 *
11			1572.323 *		1277.444 *	884.807 *	778.451 *			1714.832 *	1506.723 *	1399.73 *
12	274.548 *	1260.74 *	1490.904 *		1266.95 *	1174.892 *				947.801 *	1723.284 *	
13	261.452 *	1222.094 *	1335.385 *		1428.34 *	946.749 *	722.615 *			985.176 *	1571.786 *	1710.522 *
14	315.505 *	1064.669 *		1656.032 *	1275.314 *	1305.349 *	733.504 *			778.451 *	1810.801 *	
15	359.816 *	789.862 *		1828.773 *	1572.323 *	1372.896 *	884.807 *			909.199 *	1247.851 *	
16	325.325 *	972.191 *		1604.855 *	1403.649 *	1217.373 *	722.615 *			778.799 *		
17	550.437 *	947.1 *		1639.716 *	1335.029 *	1515.3 *	668.687 *	909.899 *		744.741 *		1396.523 *
18	648.81 *	1260.563 *	1812.241 *	1506.544 *	1290.065 *	1261.273 *	647.773 *	973.245 *		1024.13 *		1306.06 *
19	926.913 *	1119.957 *	1357.291 *	1380.883 *	1322.767 *	1217.373 *	658.316 *	1091.166 *		909.899 *	1304.994 *	
20		1188.757 *	1690.037 *	1474.728 *	1174.361 *	1306.06 *		972.191 *		1040.107 *		
21	1274.933 *	1275.314 *	1475.263 *	1723.643 *	1077.477 *		860.591 *	790.036 *		1882.147 *		
22	1260.74 *			1760.125 *	1247.053 *	1231.593 *	813.205 *	627.55 *				
23	1193.713 *	1011.145 *		1588.5 *	1134.353 *	1160.141 *		567.569 *				
24	1091.166 *	1231.416 *	1350.314 *	1506.544 *	1078.534 *	1037.467 *		596.957 *				1260.563 *
25	947.1 *	1249.536 *	1231.593 *	1706.212 *	946.749 *	1810.801 *		660.909 *				1442.911 *
26	1160.141 *	1160.141 *	1091.166 *	1900.299 *	1385.156 *	1291.664 *		609.049 *			1655.354 *	1290.065 *
27		1231.593 *	1174.361 *	1571.786 *	959.558 *	1352.982 *		539.04 *			1900.299 *	1442.911 *
28	1412.342 *	1104.678 *	1104.678 *	1444.516 *	997.985 *	1174.184 *		475.042 *			2036.644 *	
29	1350.136 *		1232.125 *	1459.087 *	1710.522 *	1365.776 *	689.946 *	637.576 *			1523.078 *	
30			1245.989 *	1365.42 *	1350.847 *	1204.216 *	1104.976 *				1459.087 *	1475.263 *
31	1539.612 *				1335.029 *			658.144 *				1490.904 *
Caudal Max.					1882.147 *							
Día					29							
Hora					7							
Caudal Min.					934.115 *							
Día					25							
Hora					17							
Caudal Medio	739.078	1152.368	1346.642	1590.976	1304.814	1231.41	913.61			1181.107		

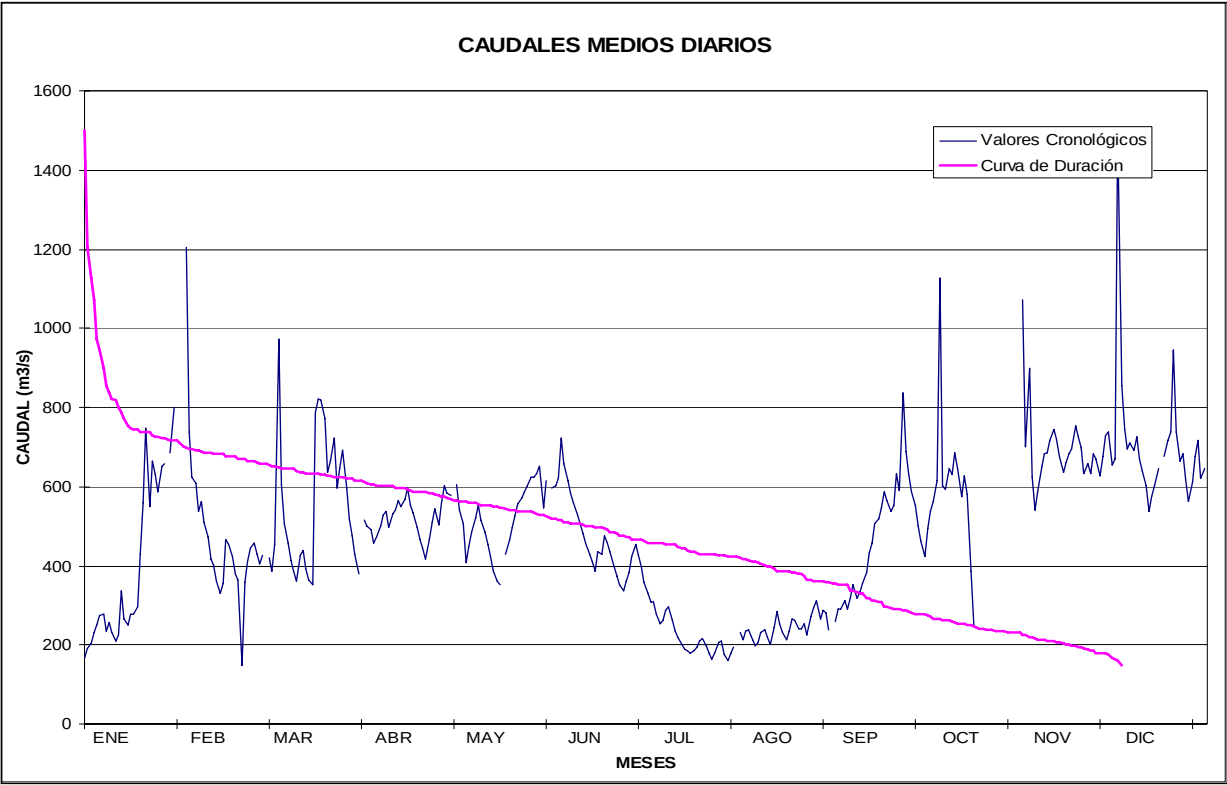
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H170		GUAYLLABAMBA AJ BLANCO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	165.466 *		420.233 *	514.818 *	605.518 *	595.415 *	358.455 *	230.383 *	260.689 *	495.704 *	1070.372 *	671.477 *	
2	192.858 *		386.319 *	501.446 *	539.965 *	601.464 *	329.767 *	214.222 *	288.968 *	536.07 *	701.133 *	1500.18 *	
3	204.185 *	1204.223 *	454.527 *	490.033 *	505.213 *	619.715 *	308.314 *	234.866 *	290.612 *	563.528 *	898.477 *	855.059 *	
4	231.859 *	737.422 *	973.877 *	456.384 *	407.361 *	724.064 *	310.052 *	239.349 *	313.246 *	614.23 *	625.421 *	743.639 *	
5	249.935 *	624.463 *	606.232 *	471.216 *	447.163 *	656.769 *	277.873 *	214.222 *	288.951 *	1127.271 *	540.434 *	694.477 *	
6	276.285 *	609.59 *	505.231 *	501.399 *	484.385 *	613.627 *	254.532 *	197.064 *	318.145 *	603.723 *	587.864 *	709.333 *	
7	278.01 *	536.07 *	458.247 *	528.305 *	522.496 *	583.39 *	263.785 *	207.017 *	353.346 *	593.42 *	648.633 *	692.405 *	
8	234.841 *	563.528 *	414.509 *	538.029 *	551.689 *	559.561 *	285.78 *	230.383 *	316.659 *	644.376 *	681.932 *	726.421 *	
9	257.634 *	509.054 *	386.157 *	497.613 *	516.727 *	528.287 *	295.405 *	239.379 *	333.103 *	629.999 *	684.244 *	671.344 *	
10	230.456 *	473.126 *	361.881 *	530.256 *	486.238 *	505.213 *	262.249 *	218.581 *	356.736 *	686.097 *	715.812 *	638.181 *	
11	211.326 *	418.321 *	425.331 *	541.961 *	452.674 *	482.471 *	234.841 *	199.87 *	382.658 *	644.629 *	743.667 *	601.464 *	
12	224.597 *	400.413 *	439.863 *	565.549 *	423.511 *	456.365 *	218.581 *	245.416 *	432.655 *	575.429 *	719.987 *	538.029 *	
13	335.647 *	361.907 *	391.435 *	549.788 *	386.157 *	428.949 *	201.302 *	284.18 *	458.247 *	627.91 *	675.55 *	573.483 *	
14	266.921 *	329.745 *	363.589 *	567.513 *	360.179 *	410.915 *	187.22 *	254.532 *	507.117 *	581.422 *	636.139 *	603.567 *	
15	250.102 *	355.065 *	353.346 *	595.423 *	351.633 *	386.157 *	184.5 *	231.859 *	518.787 *	385.946 *	660.951 *	644.376 *	
16	279.438 *	467.629 *	787.977 *	553.683 *		434.362 *	178.941 *	212.815 *	547.766 *	248.399 *	683.947 *		
17	279.507 *	454.508 *	823.125 *	534.115 *	428.983 *	430.817 *	185.827 *	234.841 *	585.38 *		694.502 *	677.635 *	
18	295.405 *	421.678 *	819.191 *	497.613 *	467.515 *	474.955 *	195.638 *	265.35 *	565.478 *		754.195 *	715.812 *	
19	430.817 *	379.149 *	770.815 *	467.496 *	497.595 *	458.223 *	211.326 *	263.767 *	537.988 *		726.449 *	739.35 *	
20	559.685 *	365.298 *	636.326 *	445.32 *	526.36 *	434.382 *	217.155 *	242.361 *	553.643 *		698.856 *	943.94 *	
21	747.136 *	147.043 *	664.569 *	418.084 *	555.62 *	398.473 *	197.038 *	239.475 *	634.033 *		634.071 *	737.212 *	
22	549.829 *	358.434 *	722.429 *	467.515 *	571.436 *	372.223 *	178.961 *	253.014 *	589.387 *		656.828 *	663.048 *	
23	665.617 *	410.91 *	597.496 *	509.036 *	587.393 *	353.346 *	164.071 *	225.955 *	836.113 *		634.139 *	681.891 *	
24	629.931 *	443.496 *	646.405 *	543.897 *	601.477 *	336.429 *	178.941 *	271.565 *	688.12 *		684.058 *	621.822 *	
25	585.42 *	456.384 *	692.376 *	503.313 *	623.804 *	360.179 *	205.573 *	292.195 *	634.033 *		669.364 *	561.564 *	
26	652.621 *	428.91 *	595.597 *	559.685 *	623.881 *	382.658 *	209.97 *	311.596 *	585.38 *		625.855 *	611.607 *	
27	656.92 *	405.592 *	518.696 *	603.792 *	632.067 *	421.697 *	177.581 *	265.327 *	553.643 *		677.66 *	677.784 *	
28		425.365 *	474.983 *	583.627 *	652.68 *	452.674 *	161.427 *	287.385 *	499.486 *		728.555 *	715.983 *	
29	686.312 *		430.817 *	577.433 *	547.244 *	425.331 *	180.321 *	279.695 *	461.952 *		739.35 *	621.792 *	
30	801.004 *		379.231 *		615.644 *	398.473 *	195.638 *	236.348 *	421.697 *		654.685 *	646.426 *	
31													
Caudal Max.						818.198 *			849.569 *		1138.312 *		
Día						4			23		1		
Hora						7			18		7		
Caudal Min.						331.4 *			254.509 *		499.485 *		
Día						24			1		5		
Hora						7			18		7		
Caudal Medio	394.13	472.589	550.027	521.184	516.297	476.219	227.035	244.1	470.467		695.104	706.183	

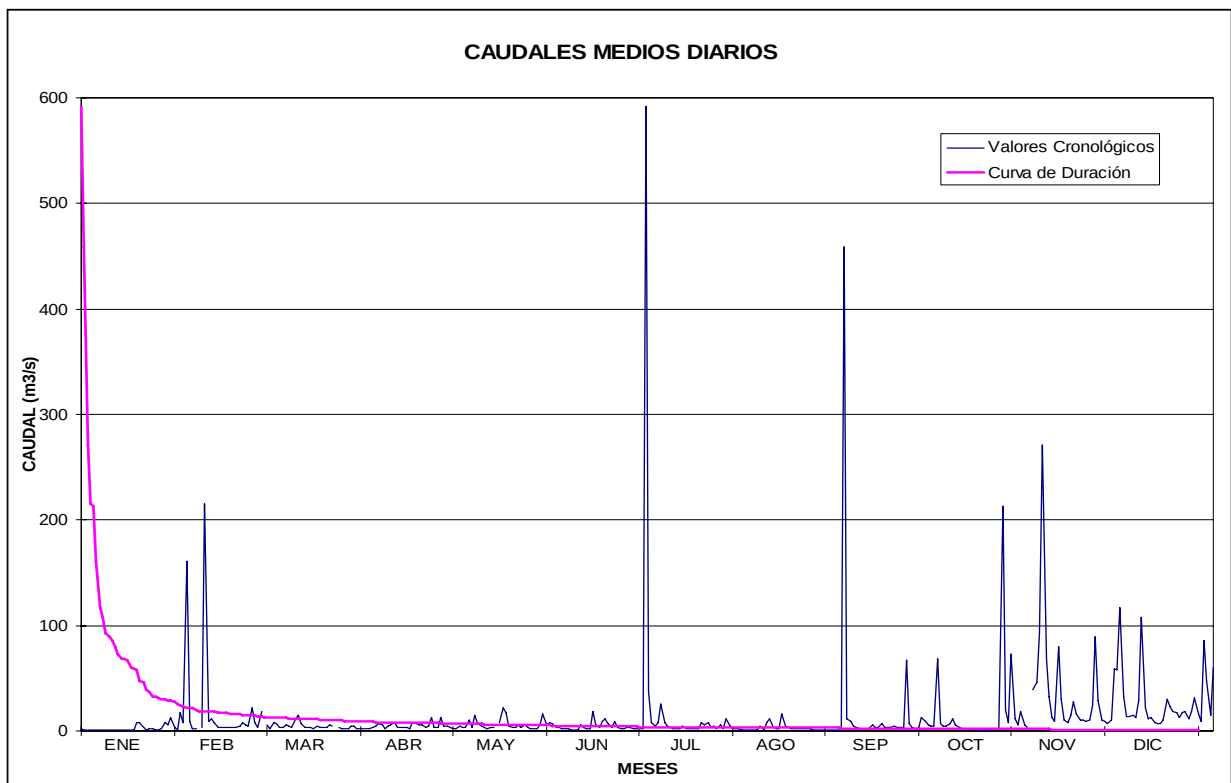
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

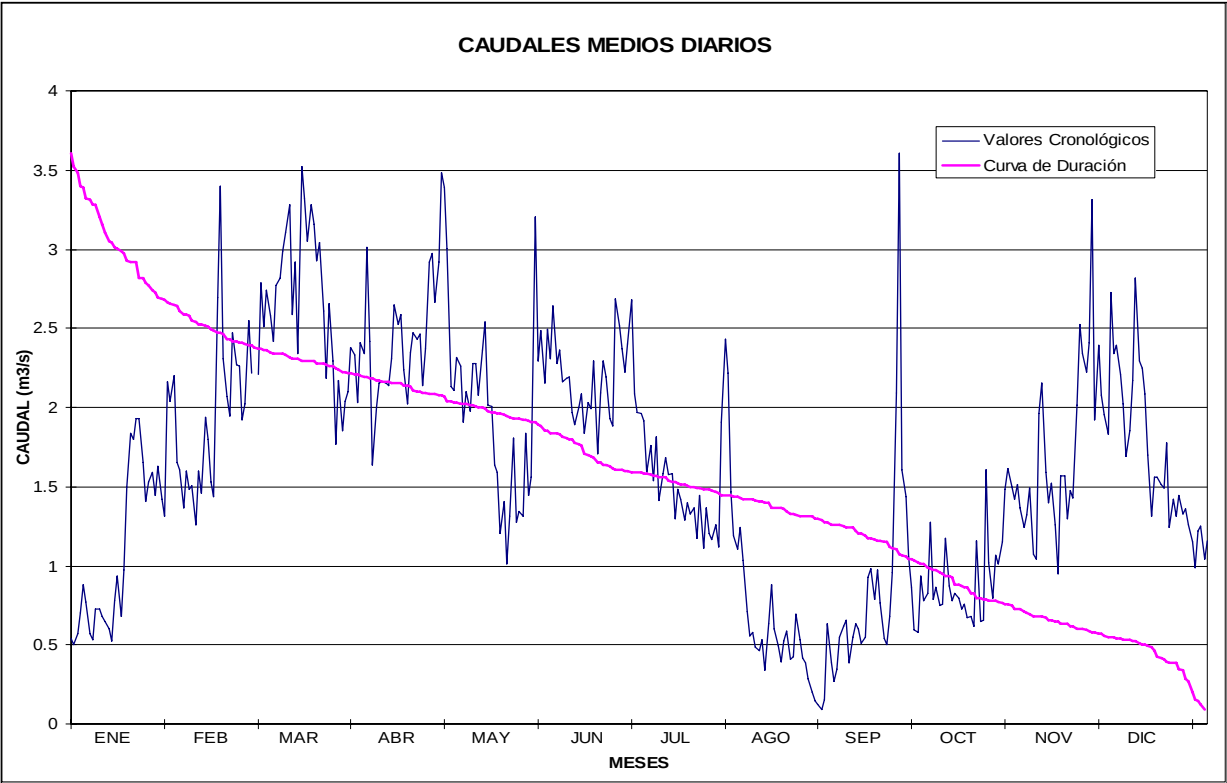
H173	TEAONE AJ ESMERALDAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	2.001 *	1.647 *	6.252 *	2.394 *	2.196 *	6.557 *	591.497 *	1.56 *	1.215 *	5.076 *	3.684	116.974
2	1.525 *	17.406 *	1.967 *	2.057 *	4.199 *	3.361 *	36.628 *	1.486 *	1.184 *	4.651 *		32.9
3	1.247 *	8.099 *	8.49 *	2.011 *	3.991 *	3.665 *	7.819 *	1.486 *	458.672 *	68.073 *	39.158	13.512
4	1.153 *	160.698 *	6.792 *	3.849 *	3.234 *	2.862 *	4.9 *	1.415 *	11.75 *	7.034 *	45.79	13.465
5	1.247 *	8.731 *	3.624 *	4.188 *	10.914 *	2.245 *	8.293 *	1.346 *	9.164 *	4.188 *	92.628	14.691
6	1.72 *	2.777 *	3.113 *	7.289 *	3.973 *	2.105 *	25.974 *	1.346 *	5.149 *	5.068 *	271.185	12.997
7	1.346 *	1.841 *	5.259 *	6.346 *	15.332 *	1.682 *	7.627 *	4.306 *	3.361 *	7.291 *	68.474	29.276
8	1.153 *		4.19 *	2.243 *	7.129 *	1.036 *	4.831 *	1.641 *	2.654 *	12.05 *	32.598	107.732
9	1.065 *	3.435 *	3.624 *	4.339 *	4.61 *	1.351 *	3.361 *	8.646 *	2.343 *	5.677 *	12.588	21.597
10	1.036 *	215.684 *	11.472 *	5.706 *	3.624 *	5.727 *	2.654 *	11.751 *	2.243 *	3.24 *	9.038	11.175
11	1.036 *	9.845 *	14.964 *	7.928 *	2.341 *	3.367 *	2.599 *	3.898 *	2.341 *	2.599 *	80.276	12.531
12	1.036 *	11.262 *	7.012 *	3.69 *	4.043 *	2.056 *	2.882 *	2.822 *	5.271 *	2.292 *	29.546	8.475
13	1.036 *	8.452 *	3.622 *	2.937 *	3.914 *	2.503 *	5.149 *	2.443 *	3.898 *	1.825	10.859	7.261
14	0.981 *	3.23 *	3.943 *	3.765 *		18.109 *	2.599 *	16.131 *	3.496 *	1.701	8.538	6.901
15	0.981 *	3.622 *	4.048 *	3.694 *	8.25 *	5.275 *	2.717 *	4.205 *	6.451 *	1.605	15.354	10.43
16	1.067 *	3.24 *	2.838 *	2.828 *	21.983 *	3.491 *	2.196 *	3.566 *	3.055 *	1.56	28.111	30.394
17	0.981 *	3.113 *	4.385 *	7.878 *	16.984 *	9.511 *	1.881 *	2.89 *	3.317 *	1.486	15.969	23.22
18	1.008 *	3.172 *	3.424 *	6.916 *	4.919 *	12.147 *	2.295 *	2.148 *	3.317 *	1.468	10.262	17.98
19	8.495 *	2.992 *	3.3 *	5.551 *	3.496 *	6.869 *	7.987 *	2.102 *	4.678 *	1.478	10.392	17.386
20	8.182 *	3.051 *	3.297 *	5.322 *	3.821 *	3.763 *	5.421 *	1.923 *	3.3 *	1.64	9.606	12.2
21	3.402 *	5.064 *	5.963 *	4.043 *	5.456 *	9.349 *	8.129 *	1.838 *	3.556 *	1.899	10.031	16.854
22	1.491 *	8.68 *	4.653 *	4.736 *	2.943 *	4.006 *	3.991 *	2.354 *	3.205 *	2.789	24.405	18.839
23	1.781 *	6.026 *		13.293 *	6.219 *	2.392 *	4.339 *	2.691 *	66.908 *	2.023	89.046	12.087
24	2.301 *	4.495 *	3.172 *	3.905 *	3.182 *	2.245 *	2.394 *	1.675 *	6.442 *	212.926	29.123	18.376
25	1.523 *	21.639 *	2.546 *	3.496 *	2.196 *	3.652 *	6.182 *	1.561 *	3.428 *	19.571	10.919	30.94
26	1.38 *	8.2 *	2.341 *	13.317 *	1.881 *	2.934 *	2.443 *	1.45 *	2.546 *	7.894	9.072	16.327
27	2.764 *	3.898 *	2.243 *	4.979 *	2.777 *	2.394 *	11.293 *	1.38 *	3.084 *	72.762	6.624	9.454
28	8 *	18.843 *	4.572 *	4.493 *	5.276 *	2.787 *	4.188 *	1.313 *	12.964 *	11.517	10.26	85.975
29	5.911 *		4.188 *	3.3 *	16.11 *	1.967 *	2.546 *	1.215 *	8.912 *	6.357	59.291	47.545
30	12.967 *		2.056 *	2.653 *	5.533 *	2.148 *	1.838 *	1.215 *	5.415 *	18.58	57.835	14.977
31	3.104 *		2.301 *		7.531 *		1.755 *	1.215 *		6.094		59.891
Caudal Max.	15.023 *			17.701 *		18.109 *	1093.249 *	22.552 *	800.141 *	1241.204 *		317.734
Día	19			26		14	1		3	25		28
Hora	18			7		7	7		7	7		19.4
Caudal Min.	0.981 *			1.967 *		1.036 *	1.715 *	1.215 *	1.153 *	1.415		6.451
Día	14			2		8	31	29	2	19		14
Hora	7			18		7	18	17	17	13.1		18.5
Caudal Medio	2.675	20.339	4.655	4.972	6.269	4.385	25.11	3.065	21.777	16.207	37.954	27.495

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997												
CAUDALES MEDIOS DIARIOS (m3/s)												
H179	DAMAS EN CTO.INECEL(EN DAMAS)											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.543	2.16	2.207	2.332	3.001	2.158	1.967	1.187	0.384	0.783	1.367	2.336
2	0.504	2.038	2.788	2.031	2.131	2.496	1.959	1.103	0.273	0.828	1.243	2.397
3	0.568	2.197	2.508	2.412	2.11	2.309	1.916	1.242	0.349	1.273	1.322	2.211
4	0.705	1.651	2.744	2.337	2.317	2.644	1.591	1.037	0.546	0.79	1.488	2.021
5	0.877	1.603	2.582	3.013	2.265	2.281	1.757	0.709	0.616	0.863	1.076	1.688
6	0.774	1.369	2.415	2.42	1.911	2.36	1.533	0.558	0.658	0.747	1.043	1.855
7	0.572	1.598	2.773	1.636	2.101	2.161	1.815	0.583	0.383	0.757	1.961	2.167
8	0.529	1.479	2.815	1.997	1.977	2.189	1.415	0.488	0.546	1.175	2.156	2.816
9	0.726	1.507	2.986	2.157	2.277	2.194	1.584	0.46	0.636	0.874	1.593	2.297
10	0.728	1.258	3.104	2.164	2.277	1.972	1.683	0.534	0.599	0.782	1.401	2.248
11	0.683	1.599	3.281	2.152	2.077	1.895	1.577	0.338	0.512	0.825	1.522	2.084
12	0.647	1.458	2.589	2.141	2.361	2.001	1.583	0.631	0.546	0.793	1.261	1.698
13	0.6	1.939	2.917	2.312	2.539	2.082	1.298	0.883	0.93	0.726	0.953	1.314
14	0.528	1.802	2.337	2.645	2.018	1.834	1.48	0.606	0.98	0.758	1.568	1.557
15	0.778	1.527	3.519	2.526	2.007	2.028	1.423	0.497	0.786	0.671	1.565	1.561
16	0.937	1.436	3.324	2.584	1.635	1.99	1.287	0.393	0.975	0.68	1.301	1.51
17	0.678	2.694	3.049	2.242	1.592	2.291	1.398	0.528	0.762	0.618	1.473	1.489
18	0.974	3.398	3.285	2.021	1.205	1.709	1.329	0.59	0.544	1.155	1.428	1.773
19	1.498	2.31	3.159	2.347	1.408	2.089	1.365	0.412	0.503	0.648	2.014	1.246
20	1.835	2.066	2.93	2.473	1.008	2.292	1.173	0.421	0.68	0.66	2.523	1.417
21	1.803	1.947	3.041	2.434	1.313	2.196	1.444	0.693	0.961	1.608	2.34	1.309
22	1.93	2.469	2.607	2.462	1.807	1.928	1.111	0.531	2.095	1.021	2.225	1.446
23	1.934	2.267	2.182	2.139	1.271	1.884	1.368	0.414	3.604	0.792	2.406	1.328
24	1.651	2.261	2.656	2.369	1.346	2.687	1.208	0.387	1.605	1.065	3.314	1.356
25	1.405	1.923	2.29	2.919	1.309	2.521	1.167	0.282	1.438	1.008	1.92	1.257
26	1.531	2.02	1.767	2.976	1.841	2.373	1.256	0.198	1.06	1.148	2.394	1.148
27	1.589	2.552	2.172	2.666	1.442	2.223	1.118	0.146	0.862	1.484	2.079	0.992
28	1.443	2.215	1.851	2.92	1.558	2.399	1.911	0.125	0.594	1.617	1.953	1.223
29	1.63		2.04	3.483	3.202	2.678	2.43	0.089	0.582	1.5	1.828	1.248
30	1.417		2.097	3.391	2.292	2.088	2.219	0.153	0.932	1.421	2.728	1.042
31	1.313		2.382		2.489		1.47	0.633		1.516		1.161
Caudal Max.	2.365	12.468	13.024	9.01	6.611	7.356	9.923	2.365	14.186	11.403	10.895	12.468
Día	30	18	15	28	29	24	29	13	23	21	30	7
Hora	20.1	1.2	19.1	20	21.2	19	0	18.2	18	14.1	5	22.3
Caudal Min.	0.321	0.975	1.711	1.569	0.975	1.435	0.975	0.07	0.198	0.554	0.878	0.975
Día	14	10	29	7	20	19	27	30	3	20	17	31
Hora	16.4	12.2	8.2	10.5	10.3	22.1	10.2	1.3	5	11.3	5.3	21.5
Caudal Medio	1.075	1.955	2.658	2.457	1.938	2.198	1.543	0.543	0.865	0.987	1.781	1.651

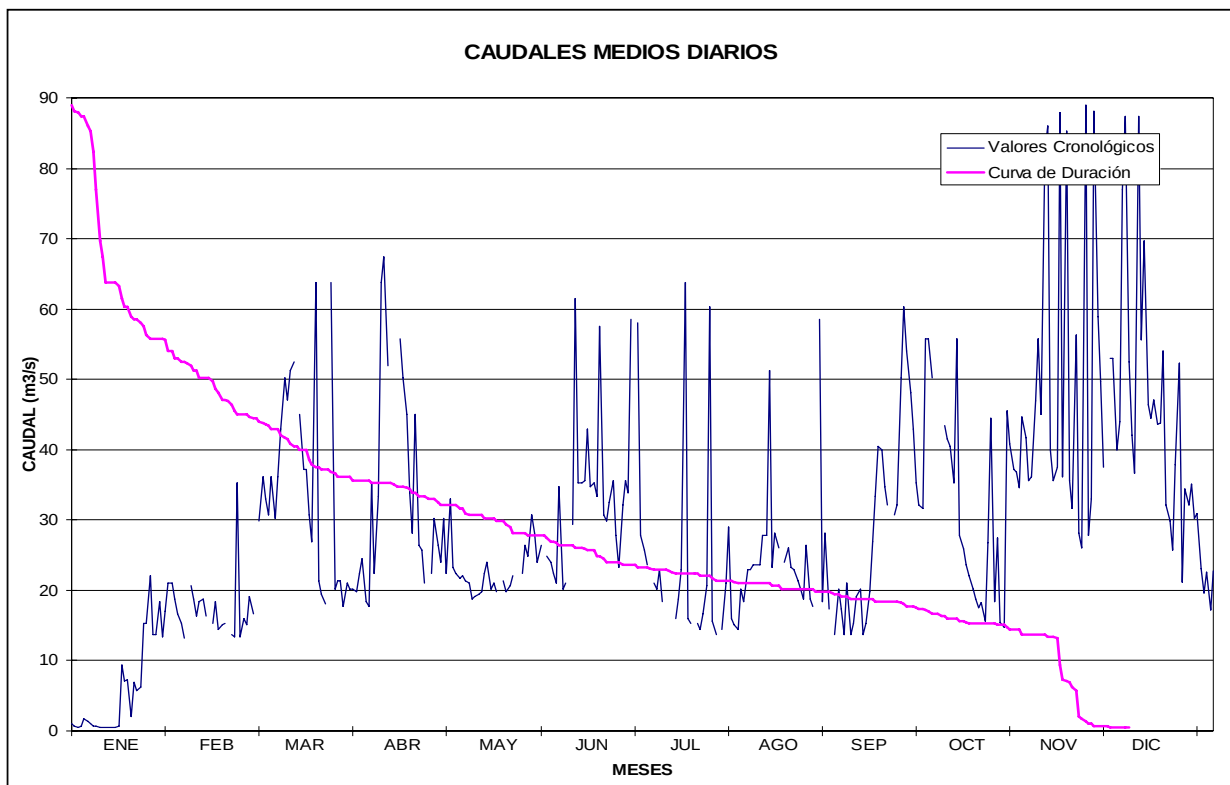
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H216	BUA AJ QUININDE											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.98 *	20.983 *	29.861 *	19.874 *	32.953 *	24.857 *	27.73 *	14.391 *	13.757 *	55.751 *	41.737	43.988 *
2	0.687 *	20.983 *	36.171 *	22.5 *	23.275 *	24.061 *	25.665 *	20.241 *	20.241 *	50.261 *	35.569	77.034
3	0.599 *	18.791 *	32.953 *	24.458 *	22.5 *	22.5 *	23.667 *	18.435 *	17.385 *		36.151	87.316
4	0.78 *	16.699 *	30.731 *	18.435 *	21.736 *	20.983 *		22.886 *	13.757 *	38.546 *	46.912	52.428 *
5	1.823 *	15.363 *	36.171 *	17.732 *	22.117 *	34.777 *	20.983 *	22.886 *	20.983 *		55.856	41.974 *
6	1.315 *	13.136 *	30.295 *	35.239 *	21.358 *	20.241 *	20.241 *	23.667 *	13.757 *	43.481 *	45.026	36.641 *
7	0.98 *		36.171 *	22.5 *	20.983 *	20.983 *	22.886 *	23.667 *	15.363 *	41.477 *	82.42	87.463
8	0.78 *	20.611 *	42.976 *	33.405 *	18.791 *		18.435 *	23.667 *	19.149 *	40.49 *	85.928	55.63
9	0.687 *	18.791 *	50.261 *	63.829 *	19.149 *	29.429 *		27.73 *	20.241 *	35.239 *	40 *	69.732
10	0.599 *	16.361 *	47.081 *	67.43 *	19.51 *	61.475 *	63.237 *	27.73 *	13.757 *	55.751 *	35.704 *	46.367
11	0.516 *	18.435 *	51.34 *	51.883 *	19.874 *	35.239 *		51.34 *	15.363 *	27.73 *	37.588 *	44.456
12	0.516 *	18.791 *	52.428 *		22.5 *	35.239 *	16.025 *	23.275 *	19.874 *	25.858	87.985	47.065
13	0.516 *	16.361 *		48.66 *	24.061 *	35.704 *	18.791 *	28.151 *	26.896 *	23.667	36.171 *	43.537
14	0.516 *		45.009 *		20.241 *	42.976 *	22.886 *	26.072 *	33.405 *	22.117	85.267 *	43.776
15	0.599 *	15.363 *	37.114 *	55.751 *	20.983 *	34.777 *	63.829 *		40.49 *	20.241	35.704 *	54.027
16	0.687 *	18.435 *	37.114 *	50.261 *	19.874 *	35.239 *	16.025 *	24.061 *	40 *	18.791	31.612 *	32.166
17	9.393 *	14.391 *	30.731 *	45.009 *		33.405 *	15.363 *	26.072 *	34.777 *	17.536	56.313 *	29.841
18	7.114 *	15.036 *	26.896 *	33.86 *	21.358 *	57.444 *		23.275 *	32.057 *	18.181	28.151 *	25.717
19	7.354 *	15.363 *	63.829 *	28.151 *	19.874 *	30.731 *	15.363 *	22.886 *		15.658	26.072 *	37.816
20	2.102 *		21.358 *	45.009 *	20.611 *	29.861 *	14.391 *	21.358 *	30.731 *	26.753	88.899	52.305
21	6.877 *	13.757 *	19.51 *	26.483 *	22.117 *	32.504 *	16.699 *	20.241 *	32.057 *	44.404	27.73 *	21.121
22	5.744 *	13.445 *	18.082 *	25.665 *		35.704 *	20.611 *	18.791 *	50.261 *	18.499	32.953 *	34.418
23	6.187 *	35.239 *		20.983 *		27.73 *	60.312 *	26.483 *	60.312 *	27.464	88.132	32.173
24	15.363 *	13.445 *	63.829 *		22.5 *	23.275 *	15.693 *	18.791 *	54.079 *	15.402	58.956	35.142
25	15.363 *	16.025 *	20.241 *	22.5 *	26.483 *	32.057 *	13.757 *	17.732 *	48.131 *	14.698	49.725 *	30.281
26	22.117 *	15.036 *	21.358 *	30.295 *	24.857 *	35.704 *			42.976 *	45.494	37.588 *	30.84
27	13.757 *	19.149 *	21.358 *	26.483 *	30.731 *	33.86 *	14.391 *	58.584 *	35.239 *	40.905		23.095
28	13.757 *	16.699 *	17.732 *	24.061 *	28.151 *	58.584 *	20.983 *	18.435 *	32.057 *	37.24	52.976 *	19.556
29	18.435 *		20.983 *	30.295 *	24.061 *		29.001 *	28.151 *	31.612 *	36.759	52.976 *	22.528
30	13.445 *		20.241 *	22.5 *	26.483 *	58.013 *	16.025 *	17.385 *	55.751 *	34.626	40 *	17.285
31	17.041 *		20.241 *				15.036 *			44.592		22.794
Caudal Max.	22.117 *											193.54 *
Día	26											8
Hora	17											6
Caudal Min.	0.516 *											12.226
Día	11											8
Hora	17											6.2
Caudal Medio	6.02	17.467	33.864	33.824	22.857	34.548	24.155	24.871	30.499	32.331	50.348	41.887

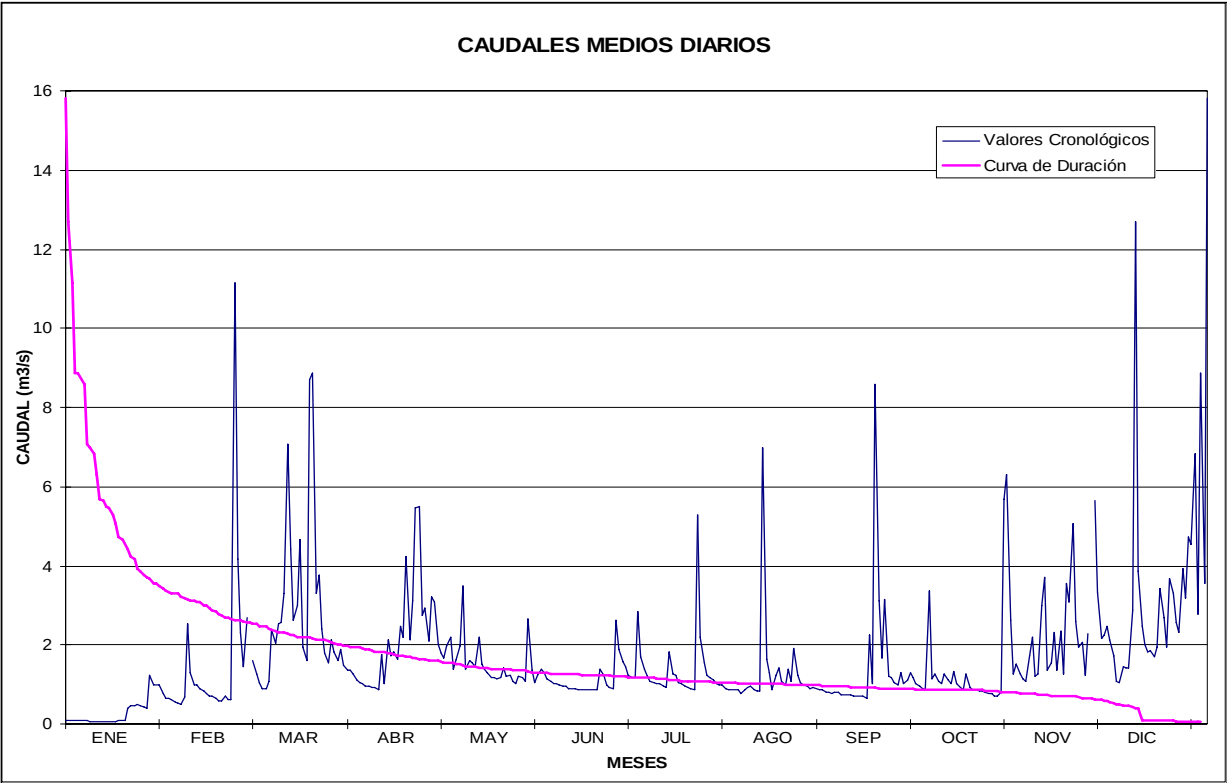
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H233	JUNIN DJ EST.PALMAR											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.088 *	0.783 *	1.608 *	1.344 *	1.665 *	1.399 *	1.162 *	0.87 *	0.791 *	0.911 *	1.277 *	1.744 *
2	0.088 *	0.65 *	1.252 *	1.277 *	1.972 *	1.29 *	2.853 *	0.87 *	0.772 *	0.86 *	1.15 *	1.081 *
3	0.088 *	0.648 *	1.044 *	1.114 *	2.184 *	1.138 *	1.697 *	0.85 *	0.791 *	3.369 *	1.078 *	1.062 *
4	0.088 *	0.607 *	0.901 *	1.044 *	1.396 *	1.067 *	1.385 *	0.774 *	0.791 *	1.143 *	1.736 *	1.441 *
5	0.08 *	0.568 *	0.891 *	1.021 *	1.635 *	1.021 *	1.2 *	0.87 *	0.753 *	1.252 *	2.181 *	1.427 *
6	0.08 *	0.516 *	1.091 *	0.965 *	1.969 *	1.009 *	1.078 *	0.922 *	0.753 *	1.078 *	1.213 *	1.427 *
7	0.08 *	0.494 *	2.392 *	0.954 *	3.488 *	0.998 *	1.044 *	0.944 *	0.753 *	1.021 *	1.279 *	2.861 *
8	0.08 *	0.665 *	2.051 *	0.922 *	1.396 *	0.965 *	1.021 *	0.85 *	0.735 *	1.277 *	2.992 *	12.703 *
9	0.075 *	2.533 *	2.537 *	0.912 *	1.619 *	0.943 *	1.021 *	0.83 *	0.717 *	1.102 *	3.695 *	3.854 *
10	0.075 *	1.305 *	2.557 *	0.85 *	1.543 *	0.911 *	0.965 *	0.83 *	0.717 *	1.009 *	1.345 *	2.472 *
11	0.072 *	0.998 *	3.303 *	1.762 *	1.442 *	0.911 *	0.933 *	6.996 *	0.717 *	1.321 *	1.543 *	1.998 *
12	0.072 *	0.976 *	7.064 *	1.004 *	2.184 *	0.891 *	1.811 *	1.643 *	0.699 *	1.032 *	2.332 *	1.81 *
13	0.072 *	0.911 *	4.423 *	2.126 *	1.528 *	0.87 *	1.277 *	1.291 *	0.649 *	0.933 *	1.362 *	1.863 *
14	0.064 *	0.83 *	2.611 *	1.744 *	1.385 *	0.86 *	1.24 *	0.85 *	2.249 *	0.87 *	2.354 *	1.697 *
15	0.064 *	0.772 *	2.993 *	1.81 *	1.29 *	0.85 *	1.055 *	1.241 *	1.009 *	1.258 *	1.279 *	1.96 *
16	0.064 *	0.717 *	4.649 *	1.65 *	1.187 *	0.85 *	1.009 *	1.418 *	8.595 *	0.913 *	3.566 *	3.43 *
17	0.064 *	0.699 *	1.945 *	2.457 *	1.162 *	0.85 *	0.965 *	1.068 *	3.116 *	0.87 *	3.089 *	2.69 *
18	0.093 *	0.648 *	1.604 *	2.204 *	1.138 *	0.85 *	0.922 *	0.989 *	1.671 *	0.85 *	5.057 *	1.933 *
19	0.093 *	0.599 *	8.706 *	4.246 *	1.162 *	0.85 *	0.891 *	1.379 *	3.142 *	0.83 *	2.602 *	3.669 *
20	0.093 *	0.599 *	8.858 *	2.126 *	1.413 *	1.399 *	0.86 *	1.069 *	1.2 *	0.83 *	1.933 *	3.293 *
21	0.401 *	0.717 *	3.294 *	3.121 *	1.213 *	1.241 *	5.296 *	1.92 *	1.162 *	0.791 *	2.07 *	2.554 *
22	0.453 *	0.631 *	3.759 *	5.456 *	1.226 *	0.987 *	2.204 *	1.238 *	1.044 *	0.772 *	1.247 *	2.332 *
23	0.467 *	0.631 *	2.411 *	5.513 *	1.078 *	0.933 *	1.55 *	1.057 *	0.987 *	0.772 *	2.275 *	3.932 *
24	0.494 *	11.144 *	1.793 *	2.735 *	1.009 *	0.901 *	1.226 *	1 *	1.291 *	0.7 *	crecida *	3.193 *
25	0.453 *	4.158 *	1.558 *	2.924 *	1.213 *	2.635 *	1.162 *	0.954 *	1.032 *	0.7 *	5.661 *	4.723 *
26	0.44 *	2.313 *	2.126 *	2.086 *	1.175 *	1.879 *	1.102 *	0.901 *	1.107 *	0.791 *	3.336 *	4.531 *
27	0.415 *	1.441 *	1.827 *	3.219 *	1.078 *	1.588 *	1.021 *	0.933 *	1.304 *	5.692 *	2.147 *	6.828 *
28	1.226 *	2.693 *	1.604 *	3.082 *	2.644 *	1.455 *	0.998 *	0.901 *	1.175 *	6.287 *	2.258 *	2.794 *
29	0.998 *		1.879 *	2.015 *	1.347 *	1.226 *	0.976 *	0.86 *	1.032 *	2.635 *	2.476 *	8.873 *
30	0.998 *		1.484 *	1.777 *	1.055 *	1.162 *	0.911 *	0.85 *	0.954 *	1.279 *	2.126 *	3.541 *
31	0.998 *		1.357 *		1.226 *		0.87 *	0.811 *		1.5 *		15.809 *
Caudal Max.	1.264 *	18.786 *	14.111 *	6.645 *	4.565 *	3.014 *	6.882 *	11.58 *	11.58 *	7.886 *	crecida *	28.463 *
Día	29	24	19	22	7	25	21	11	16	28	24	31
Hora	7	7	7	7	7	7	18	7	7	7	7	18
Caudal Min.	0.064 *	0.494 *	0.85 *	0.494 *	0.83 *	0.85 *	0.85 *	0.537 *	0.599 *	0.665 *	0.83 *	0.402 *
Día	14	7	5	12	8	17	20	14	13	24	7	2
Hora	18	18	18	7	18	18	18	7	18	7	7	7
Caudal Medio	0.287	1.437	2.76	2.115	1.517	1.131	1.345	1.225	1.39	1.44	2.436	3.662

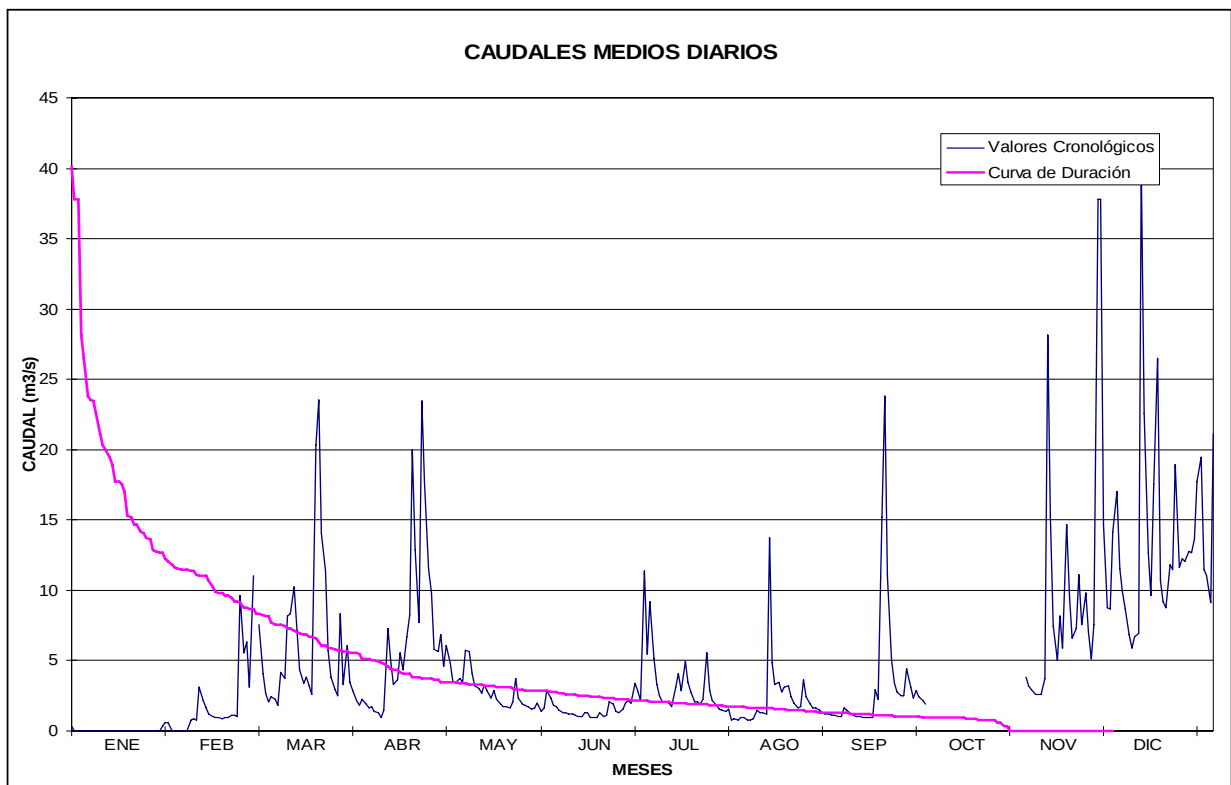
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H272	CHICO AJ PORTOVIEJO											CRM
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.31 *	0.582 *	7.54 *	2.176 *	4.807 *	2.874 *	2.198 *	0.816 *	1.103 *		3.793 *	11.519 *
2	0 *	0 *	4.1 *	1.849 *	3.48 *	2.34 *	11.384 *	0.932 *	1.059 *		3.24 *	9.876 *
3	0 *	0 *	2.718 *	2.26 *	3.495 *	1.809 *	5.459 *	0.919 *	1.059 *		2.956 *	8.654 *
4	0 *	0 *	2.086 *	1.914 *	3.701 *	1.772 *	9.177 *	0.804 *	1.651 *		2.637 *	6.85 *
5	0 *	0 *	2.438 *	1.612 *	3.472 *	1.447 *	5.165 *	0.779 *	1.448 *		2.611 *	5.873 *
6	0 *	0 *	2.294 *	1.748 *	5.728 *	1.343 *	3.273 *	0.866 *	1.244 *		2.636 *	6.716 *
7	0 *	0 *	1.788 *	1.394 *	5.622 *	1.292 *	2.51 *	1.467 *	1.149 *		3.723 *	6.942 *
8	0 *	0.803 *	4.207 *	1.326 *	4.126 *	1.259 *	2.063 *	1.343 *	1.074 *		28.176 *	40.122 *
9	0 *	0.906 *	3.741 *	0.991 *	3.212 *	1.18 *	2.097 *	1.327 *	1.016 *		15.277 *	22.588 *
10	0 *	0.791 *	8.205 *	1.476 *	3.073 *	1.118 *	1.998 *	1.211 *	0.973 *		7.496 *	12.668 *
11	0 *	3.107 *	8.335 *	7.267 *	2.664 *	1.073 *	1.708 *	13.716 *	0.96 *		5.065 *	9.647 *
12	0 *	2.13 *	10.216 *	5.16 *	3.32 *	1.059 *	3.113 *	4.839 *	0.973 *		8.209 *	17.522 *
13	0 *	1.634 *	7.117 *	3.299 *	2.901 *	1.309 *	4.126 *	3.299 *	0.946 *		5.878 *	26.473 *
14	0 *	1.244 *	4.333 *	3.611 *	2.34 *	1.343 *	2.874 *	3.439 *	2.974 *		14.706 *	10.685 *
15	0 *	1.059 *	3.419 *	5.546 *	2.902 *	0.987 *	4.914 *	2.77 *	2.234 *		9.49 *	9.195 *
16	0 *	0.987 *	3.793 *	4.372 *	2.245 *	0.973 *	3.516 *	3.15 *	15.187 *		6.581 *	8.77 *
17	0 *	0.932 *	3.241 *	6.72 *	1.933 *	0.96 *	2.801 *	3.213 *	23.814 *		7.271 *	11.857 *
18	0 *	0.879 *	2.586 *	8.258 *	1.768 *	1.293 *	2.086 *	2.413 *	11.012 *		11.082 *	11.466 *
19	0 *	0.96 *	20.351 *	19.942 *	1.728 *	1.074 *	2.05 *	1.955 *	5.046 *		7.516 *	18.955 *
20	0 *	0.919 *	23.51 *	12.87 *	1.612 *	1.171 *	1.892 *	1.689 *	3.419 *		9.834 *	11.622 *
21	0 *	1.105 *	14.115 *	7.716 *	2.048 *	2.086 *	2.268 *	1.748 *	2.74 *		7.053 *	12.289 *
22	0 *	1.133 *	11.344 *	23.421 *	3.721 *	1.873 *	5.521 *	3.644 *	2.51 *		5.143 *	12.055 *
23	0 *	1.059 *	5.735 *	17.746 *	2.364 *	1.429 *	2.906 *	2.436 *	2.535 *		7.582 *	12.798 *
24	0 *	9.639 *	3.793 *	11.48 *	1.87 *	1.26 *	2.176 *	1.892 *	4.389 *		37.8 *	12.721 *
25	0 *	5.542 *	2.957 *	9.813 *	1.788 *	1.549 *	1.808 *	1.65 *	3.16 *		37.816 *	13.651 *
26	0 *	6.378 *	2.535 *	5.797 *	1.708 *	1.958 *	1.593 *	1.612 *	2.34 *		14.667 *	17.722 *
27	0 *	3.163 *	8.373 *	5.63 *	1.574 *	2.131 *	1.482 *	1.447 *	2.885 *		8.789 *	19.418 *
28	0 *	11.075 *	3.269 *	6.829 *	1.612 *	1.955 *	1.36 *	1.343 *	2.436 *		8.689 *	11.482 *
29	0 *		6.058 *	4.617 *	2.018 *	3.43 *	1.593 *	1.243 *	2.154 *		14.122 *	11.018 *
30	0.31 *		3.51 *	6.061 *	1.411 *	2.904 *	0.782 *	1.211 *	1.87 *		17.067 *	9.087 *
31	0.629 *		2.878 *		1.689 *		0.867 *	1.164 *				21.095 *
Caudal Max.	0.755 *	19.357 *	24.706 *	28.355 *	6.392 *	4.615 *	16.98 *	14.643 *	26.385 *		45.913 *	40.122 *
Día	31	28	20	22	6	29	2	11	16		25	8
Hora	17	17	17	17	17	17	17	17	17		7	7
Caudal Min.	0	0	1.728 *	0.755 *	1.394 *	0.932 *	0.686 *	0.755 *	0.932 *		2.435 *	5.704 *
Día	15	2	7	9	30	17	30	4	11		28	5
Hora	6	7	17	17	17	17	7	17	17		17	17
Caudal Medio	0.04	2.001	6.148	6.43	2.772	1.608	3.121	2.269	3.512		10.564	13.591

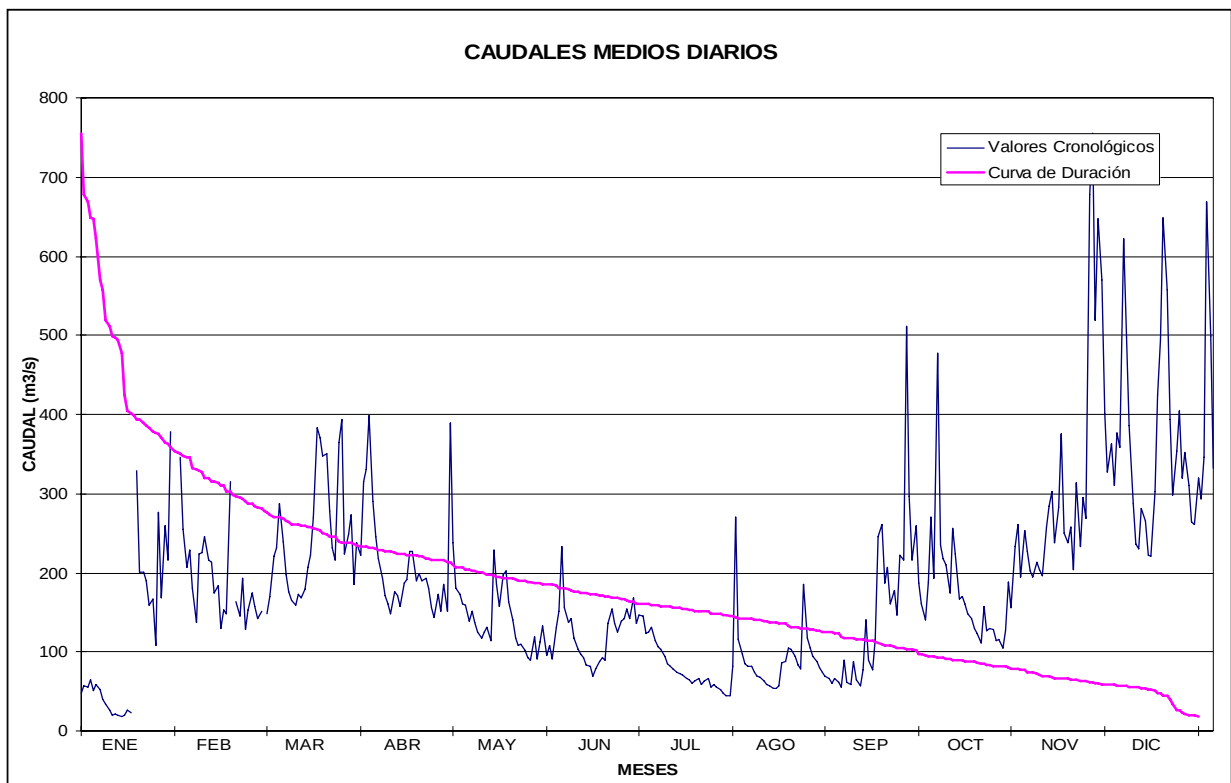
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H326	BABA DJ TOACHI-DCP											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	47.736 *		148.733	314.554	181.273	90.759	124.289	97.805	61.716	269.722	227.27	358.655
2	57.88 *	345.31 *	170.081	330.057	172.355	131.533	124.544	84.806	54.958	192.507	201.576	622.157
3	55.107 *	254.69 *	220.716	398.438	161.233	150.83	131.771	81.119	88.995	476.592	195.213	497.706
4	64.323 *	207.269 *	232.079	289.893	158.657	233.476	114.309	81.599	62.243	234.36	213.144	385.387
5	50.564 *	228.088 *	287.77	245.195	139.221	155.941	106.91	74.231	58.144	217.862	203.43	287.765
6	58.379 *	180.219 *	240.153	218.027	151.218	137.476	103.161	69.993	87.343	209.885	196.079	235.541
7	51.827 *	138.005 *	198.372	193.273	138.127	141.459	94.934	67.628	65.19	175.283	258.272	229.363
8	40.466 *	224.66 *	175.489	171.471	125.132	117.262	85.673	63.18	56.736	255.942	284.683	280.787
9	34.511 *	225.451 *	164.676	161.073	117.728	103.397	81.174	58.23	77.612	224.548	302.958	266.397
10	26.27 *	245.31 *	159.343	148.747	124.572	97.196	78.25	57.261	141.059	167.238	238.21	221.945
11	19.91 *	216.251 *	172.911	176.431	131.432	92.441	73.591	53.779	89.339	169.517	281.925	220.414
12	21.548 *	213.693 *	168.581	171.566	113.734	82.75	72.689	54.239	77.045	160.527	376	303.349
13	20.69 *	174.35 *	179.517	158.172	229.119	81.899	70.5	57.74	115.506	148.036	250.164	425.229
14	18.35 *	183.713 *	207.456	187.564	184.635	70.061	67.14	86.7	246.123	142.155	238.512	494.885
15	20.319 *	129.808 *	221.922	191.341	158.108	78.755	64.609	88.073	260.707	129.79	258.245	648.176
16	26.493 *	153.075 *	270.302	227.705	197.975	87.5	59.623	104.322	187.608	124.119	203.856	557.744
17	22.776 *	148.824 *	383.721	227.046	202.55	93.369	63.556	103.919	207.517	111.494	314.19	393.198
18		315.077 *	371.327	190.653	163.961	89.322	66.02	94.333	160.844	157.229	233.075	298.108
19	329.445 *		347.27	199.328	140.194	135.701	58.466	84.035	177.025	126.656	295.418	353.135
20	201.088 *	162.962 *	350.853	190.261	116.802	154.842	63.824	79.307	146.655	129.505	268.288	404.05
21	201.26 *	145.895 *	278.367	193.817	107.802	135.987	66.155	184.925	222.84	128.57	678.571	319.905
22	190.016 *	192.555 *	232.308	180.979	109.3	124.534	56.206	117.039	216.975	114.297	754.794	351.879
23	158.406 *	127.795	215.631	156.033	101.802	138.228	59.209	104.429	511.396	115.812	519.036	309.687
24	166.546 *	152.212	363.826	144.147	92.672	141.647	56.355	94.783	296.615	104.957	647.364	263.817
25	108.732 *	174.347	394.219	173.206	90.322	154.974	52.1	88.554	216.362	126.004	570.107	260.666
26	277.154 *	157.279	224.167	151.721	119.247	142.571	47.859	80.665	259.077	187.696	401.223	319.17
27	169.046 *	142.353	248.178	185.007	91.884	168.134	44.631	74.737	186.64	156.713	327.471	293.678
28	259.147 *	151.345	273.74	151.749	112.947	135.754	45.092	69.437	160.235	233.63	363.521	346.303
29	216.392 *		185.016	388.711	132.202	147.303	81.35	66.48	140.29	260.776	310.818	668.462
30	377.707 *		237.682	238.04	96.151	145.64	269.77	59.736	187.811	194.063	376.508	498.932
31			222.209		107.515		116.054	65.886		253.564		331.753
Caudal Max.			491.408	572.84	287.539	261.214	412.62	275.683	813.766	933.785	828.953	803.72
Día			25	29	13	4	30	21	23	3	22	29
Hora			4	8.1	5.3	10.1	2	13	3.5	8.1	0.4	13.2
Caudal Min.			137.974	129.8	76.448	64.592	43.875	51.176	52.447	104.957	170.851	204.703
Día			2	25	25	14	28	11	2	24	16	11
Hora			1.4	5.3	19.3	23.1	23.3	18.3	19.1	15.3	17.1	16.3
Caudal Medio	113.52	191.944	243.439	211.807	137.738	125.358	83.865	82.225	160.687	183.84	332.997	369.298

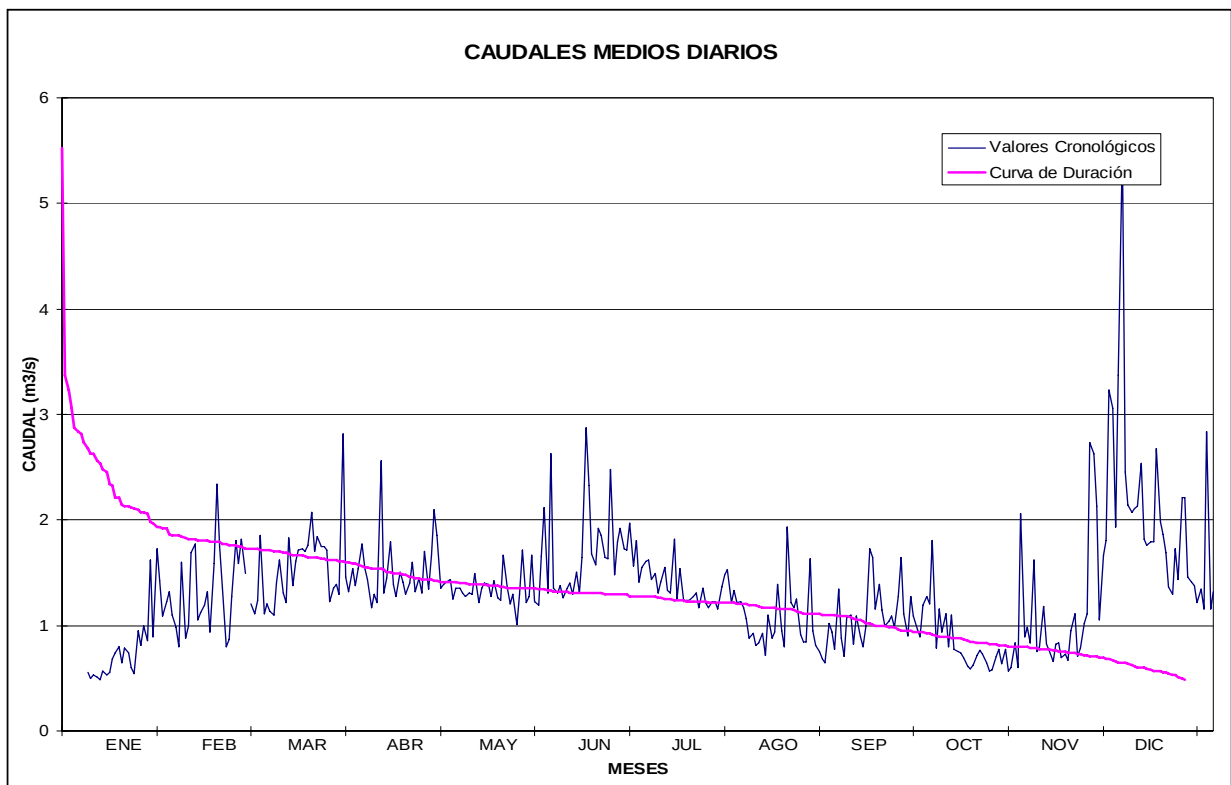
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

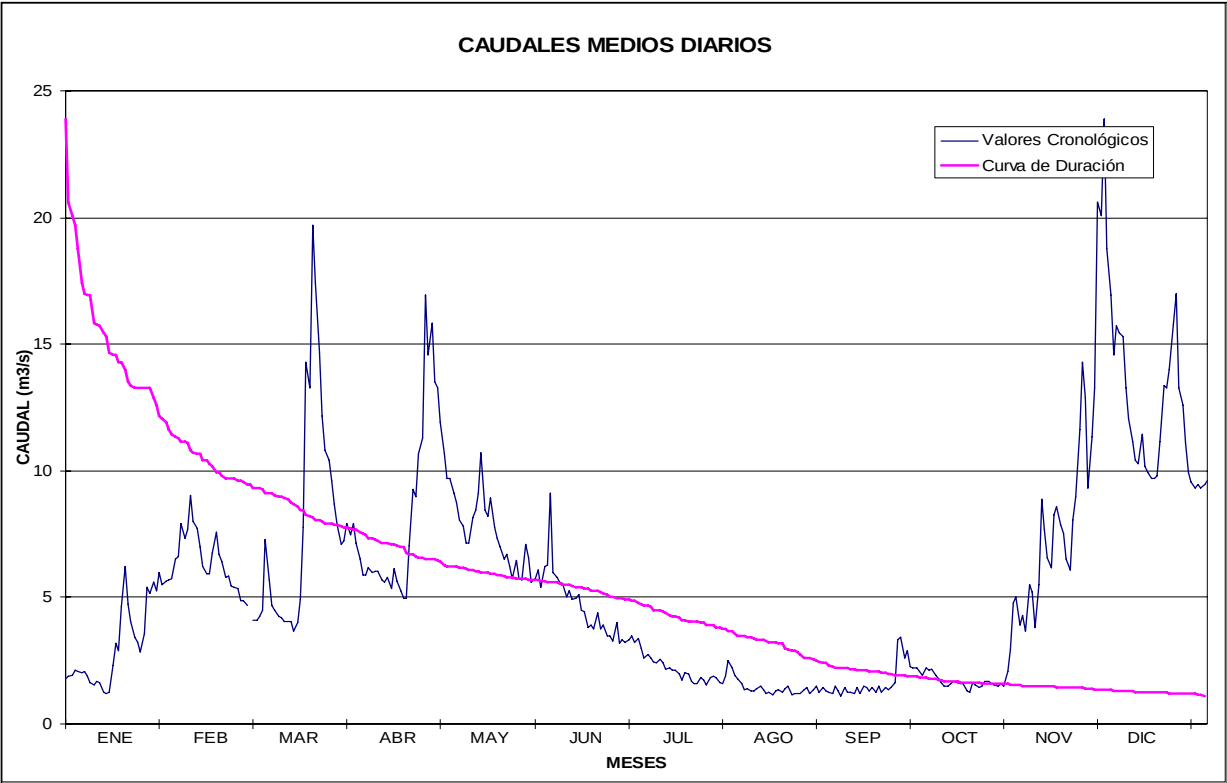
H327	CAJONES EN KM.18 1/2											CRM
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		1.426	1.2	1.318	1.389	1.662	1.802	1.328	0.935	1.272	0.893	3.375
2		1.094	1.107	1.544	1.417	2.115	1.41	1.218	0.779	1.199	0.987	5.523
3		1.233	1.237	1.383	1.442	1.31	1.548	1.23	1.349	1.802	0.831	2.453
4		1.319	1.85	1.537	1.256	2.635	1.611	1.172	0.886	0.79	1.625	2.143
5		1.097	1.111	1.774	1.355	1.355	1.619	1.068	0.704	1.161	0.756	2.07
6		0.99	1.2	1.541	1.35	1.305	1.439	0.885	1.072	0.935	0.796	2.109
7		0.798	1.139	1.44	1.309	1.373	1.497	0.928	1.103	1.117	1.187	2.137
8		1.604	1.097	1.168	1.27	1.268	1.31	0.814	0.825	0.803	0.825	2.536
9	0.557	0.885	1.409	1.297	1.305	1.358	1.414	0.832	1.086	1.097	0.761	1.819
10	0.503	0.992	1.618	1.217	1.292	1.397	1.552	0.925	0.89	0.78	0.655	1.759
11	0.533	1.688	1.313	2.556	1.489	1.296	1.327	0.715	0.799	0.757	0.82	1.797
12	0.508	1.768	1.215	1.312	1.211	1.511	1.31	1.105	0.992	0.742	0.835	1.801
13	0.485	1.051	1.829	1.449	1.354	1.313	1.818	0.876	1.722	0.692	0.698	2.671
14	0.562	1.127	1.38	1.796	1.4	1.641	1.251	0.94	1.641	0.615	0.724	1.984
15	0.533	1.194	1.605	1.395	1.392	2.872	1.545	1.392	1.156	0.593	0.671	1.867
16	0.551	1.322	1.719	1.278	1.277	2.332	1.233	0.953	1.385	0.631	0.947	1.693
17	0.684	0.94	1.723	1.51	1.424	1.676	1.242	0.794	1.15	0.721	1.11	1.362
18	0.738	1.59	1.698	1.415	1.262	1.581	1.242	1.932	0.994	0.769	0.707	1.301
19	0.796	2.343	1.755	1.302	1.243	1.919	1.272	1.22	1.048	0.726	0.786	1.726
20	0.649	1.761	2.07	1.403	1.663	1.85	1.314	1.168	1.088	0.649	1.021	1.434
21	0.785	1.357	1.699	1.596	1.359	1.649	1.172	1.25	0.987	0.566	1.117	2.217
22	0.739	0.804	1.843	1.323	1.2	1.634	1.352	0.912	1.269	0.576	2.733	2.214
23	0.602	0.866	1.745	1.444	1.3	2.473	1.211	0.84	1.639	0.709	2.625	1.456
24	0.54	1.272	1.748	1.312	1.009	1.48	1.171	0.843	1.11	0.778	2.131	1.408
25	0.946	1.803	1.717	1.701	1.292	1.799	1.233	1.638	0.904	0.642	1.05	1.384
26	0.808	1.582	1.232	1.34	1.709	1.917	1.231	0.945	1.273	0.774	1.67	1.22
27	0.999	1.815	1.354	1.666	1.219	1.727	1.16	0.815	1.089	0.562	1.802	1.343
28	0.857	1.492	1.393	2.092	1.271	1.715	1.367	0.756	0.967	0.6	3.235	1.154
29	1.617		1.299	1.858	1.669	1.974	1.485	0.681	0.896	0.837	3.055	2.838
30	0.897		2.817	1.354	1.231	1.559	1.531	0.645	1.197	0.607	1.929	1.153
31	1.723		1.46		1.188		1.218	1.016		2.065		1.32
Caudal Max.		4.051	6.501	8.81	3.594	9.702	2.798	6.004	4.422	6.501	10.173	13.08
Día		8	30	28	20	4	3	18	23	31	29	2
Hora		6.5	11.1	20.4	16.3	0.2	22.3	2.3	0.5	2	6.4	7.1
Caudal Min.		0.713	0.927	1.008	0.927	1.185	1.139	0.622	0.682	0.443	0.593	1.05
Día		23	5	10	24	12	27	30	6	28	16	30
Hora		1	18.4	15.4	14.5	2.4	14.4	15.4	0	17.2	15	15
Caudal Medio	0.766	1.329	1.535	1.511	1.34	1.723	1.383	1.027	1.098	0.857	1.299	1.976

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997												
CAUDALES MEDIOS DIARIOS (m3/s)												
H331	CHIMBO EN SAN LORENZO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	1.798	5.485	4.118	7.47	10.673	5.389	3.247	2.216	1.256	1.947	3.924	14.556 *
2	1.867	5.668	4.121	7.928	9.685	6.235	3.401	1.931	1.195	2.234	4.291	15.724 *
3	1.917	5.705	4.256	7.164	9.684	6.251	3.015	1.771	1.503	2.119	3.659	15.425 *
4	2.124	5.755	4.482	6.518	9.144	9.124	2.615	1.613	1.302	2.152	5.501	15.281 *
5	2.06	6.493	7.275	5.896	8.755	5.964	2.739	1.358	1.132	1.907	5.223	13.291 *
6	2.022	6.604	5.695	5.871	8.056	5.769	2.615	1.378	1.464	1.797	3.815	12.076 *
7	2.069	7.913	4.703	6.186	7.835	5.578	2.479	1.308	1.244	1.62	5.489	11.167 *
8	1.906	7.351	4.473	5.998	7.129	5.559	2.4	1.292	1.253	1.481	8.898	10.41 *
9	1.634	7.653	4.266	6.046	7.156	5.019	2.556	1.383	1.222	1.474	7.659	10.287 *
10	1.53	9.028	4.185	6.043	8.161	5.276	2.43	1.503	1.424	1.599	6.571	11.454 *
11	1.707	8.01	4.054	5.714	8.442	4.911	2.18	1.352	1.191	1.701	6.169	10.163 *
12	1.653	7.7	4.065	5.618	9.114	4.947	2.216	1.197	1.49	1.624	8.256	9.92 *
13	1.242	7.007	4.072	5.798	10.709	5.121	2.132	1.236	1.45	1.613	8.609	9.677 *
14	1.2	6.245	3.676	5.354	8.446	4.486	2.122	1.143	1.299	1.594	7.843	9.677 *
15	1.264	5.946	4.029	6.118	8.219	4.454	1.965	1.286	1.447	1.299	7.546	9.798 *
16	2.317	5.948	4.912	5.668	8.917	3.815	1.727	1.344	1.26	1.248	6.526	11.167 *
17	3.208	6.777	7.772	5.272	7.785	3.925	2.048	1.248	1.474	1.645	6.097	13.388 *
18	2.916	7.56	14.293	4.995	7.348	3.78	1.965	1.382	1.245	1.547	8.056 *	13.291 *
19	4.648	6.711	13.265	4.985	6.978	4.374	1.694	1.503	1.438	1.434	8.972 *	14 *
20	6.222	6.443	19.672	7.025	6.499	3.776	1.614	1.175	1.33	1.515	11.622 *	15.783 *
21	4.716	5.769	17.445	9.261	6.722	3.898	1.602	1.216	1.466	1.695	14.276 *	16.968 *
22	4.062	5.822	14.69	8.973	6.23	3.488	1.819	1.191	1.652	1.696	12.887 *	13.291 *
23	3.439	5.439	12.141	10.65	5.754	3.454	1.756	1.188	3.324	1.594	9.322 *	12.612 *
24	3.234	5.389	10.816	11.306	6.459	3.268	1.558	1.36	3.415	1.56	11.346 *	11.091 *
25	2.852	5.37	10.43	16.951	5.767	4.02	1.825	1.469	2.584	1.509	13.291 *	9.92 *
26	3.582	4.851	9.603	14.558	5.716	3.191	1.865	1.214	2.903	1.6	20.592 *	9.557 *
27	5.399	4.859	8.7	15.848	7.102	3.343	1.826	1.343	2.269	1.481	20.099 *	9.322 *
28	5.187	4.661	7.867	13.535	6.567	3.224	1.65	1.487	2.217	2.063	23.893 *	9.439 *
29	5.606		7.096	13.264	5.598	3.347	1.573	1.234	2.216	2.941	18.797 *	9.322 *
30	5.237		7.225	11.943	5.753	3.497	1.884	1.462	2.052	4.787	16.932 *	9.458 *
31	6.003		7.917		6.096		2.528	1.321		5		9.596 *
Caudal Max.	7.4	13.29	24.008	32.728	16.463	10.41	4.839	3.815	6.361	9.201	26.54 *	18.95 *
Día	28	9	19	25	13	4	31	18	26	31	28	21
Hora	21.1	22.3	23.4	16.3	13.5	5.3	17.5	8.3	12.4	14.2	18	18
Caudal Min.	1.094	4.661	3.191	4.839	5.203	2.897	1.191	1.001	1.001	1.094	2.897 *	8.28 *
Día	15	28	14	19	29	28	29	14	8	16	1	31
Hora	11	14.3	18.5	16	18.1	17.3	1.1	0.5	23.4	2.3	18	8
Caudal Medio	3.052	6.363	7.784	8.265	7.629	4.616	2.163	1.39	1.691	1.918	9.872	11.842

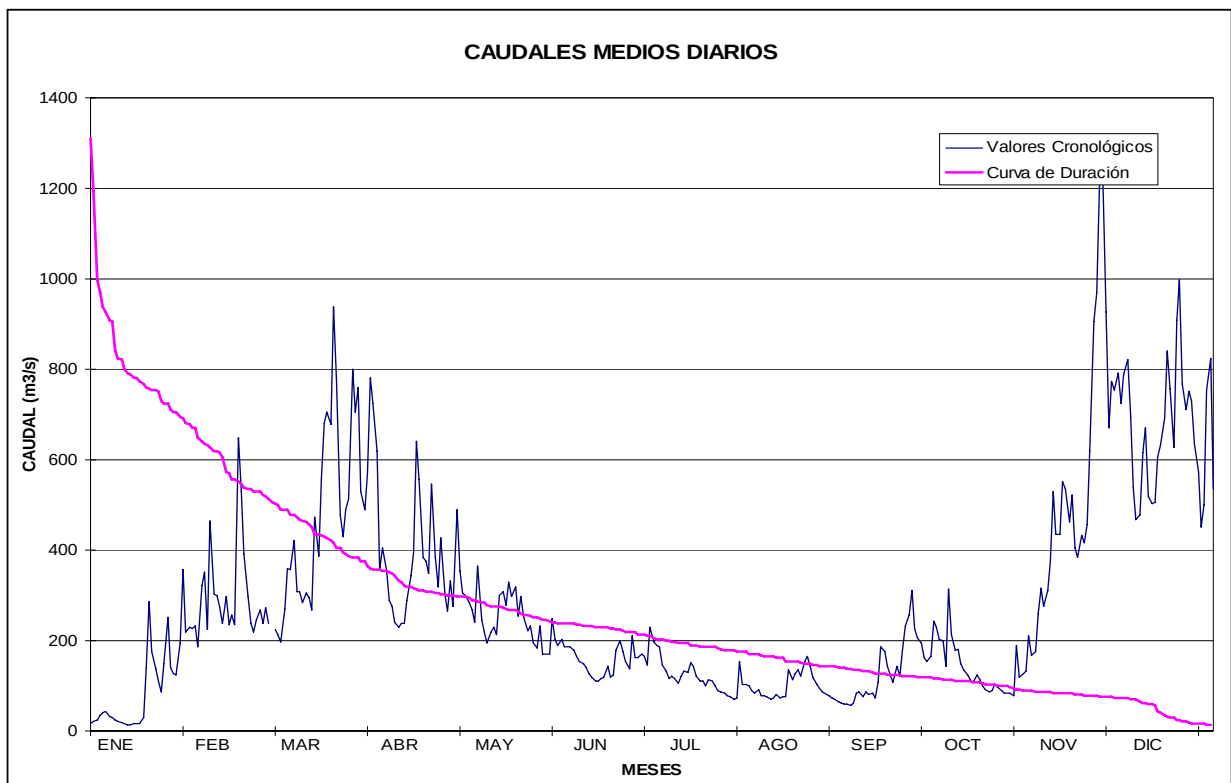
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H346	ZAPOTAL EN LECHUGAL											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	16.071	218.31 *	223.637 *	780.946 *	305.486 *	188.141 *	229.516	103.919	63.489	244.31	211.662	724.26
2	20.746	228.989 *	213.795 *	723.484 *	300.212 *	202.219 *	197.739	99.454	60.592	228.736	166.554	788.546
3	24.693	228.085 *	197.338 *	619.869 *	284.347 *	186.448 *	188.271	89.507	59.194	202.367	174.952	821.502
4	34.746	232.899 *	269.626 *	357.788 *	268.388 *	185.662 *	187.34	83.063	57.858	198.832	258.378	695.554
5	40.341	187.293 *	360.42 *	406.676 *	240.976 *	185.605 *	146.426	91.591	60.977	144.536	317.43	537.936
6	42.725	320.849 *	357.194 *	354.965 *	365.038 *	177.348 *	131.332	79.235	83.604	313.024	275.108	468.281
7	33.38	350.739 *	420.333 *	289.068 *	246.727 *	164.524 *	116.184	78.093	86.949	213.608	310.43	479.314
8	28.757	224.55 *	307.304 *	275.255 *	219.156 *	155.147	121.633	74.86	75.501	177.841	375.693	617.116
9	23.665	464.931 *	307.313 *	240.013 *	194.789 *	147.963	116.672	70.314	87.682	182.035	528.582	671.14
10	20.287	302.732 *	285.077 *	228.995 *	219.156 *	140.84	106.499	73.82	81.019	149.508	435.139	517.959
11	19.628	299.841 *	306.276 *	237.317 *	230.14 *	126.808	122.808	80.429	84.558	136.231	435.461	503.007
12	17.131	274.8 *	295.196 *	238.221 *	212.232 *	118.142	133.048	71.835	72.099	124.425	551.768	506.519
13	12.557 *	239.127 *	266.458 *	288.121 *	298.821 *	111.064	130.349	74.572	107.131	114.252	535.338	604.207
14	14.244 *	296.711 *	472.191 *	342.79 *	307.301 *	111.644	152.139	76.129	185.257	106.812	463.237	631.787
15	16.229 *	235.447 *	386.088 *	395.085 *	278.242 *	117.111	142.442	134.642	175.207	124.077	522.536	693.119
16	15.932 *	256.58 *	555.491 *	640.745 *	328.522 *	119.532	122.864	114.701	144.48	112.868	405.038	841.089
17	16.838 *	236.38 *	679.73 *	556.583 *	298.212 *	143.916	112.04	127.975	124.161	100.796	384.342	755.676
18	30.792 *	649.852 *	705.996 *	382.758 *	318.762 *	118.096	110.447	135.261	109.297	91.482	433.051	627.181
19	139.919 *	529.149 *	678.559 *	375.087 *	255.022 *	123.809	101.135	120.643	142.485	87.813	415.685	906.995
20	285.313 *	390.839 *	939.154 *	347.671 *	297.217 *	178.252	113.316	154.867	120.303	90.146	457.834	997.319
21	176.915 *	298.212 *	781.819 *	545.443 *	252.123 *	199.406	110.242	164.589	177.709	102.737	618.439	767.804
22	136.519 *	239.127 *	478.778 *	383.093 *	221.876 *	175.409	101.018	142.659	231.572	97.687	905.838	709.701
23	111.977 *	220.035 *	428.841 *	318.119 *	232.899 *	155.331	90.308	117.583	255.935	89.651	970.301	715.878
24	85.932 *	246.488 *	489.347 *	427.962 *	195.638 *	137.808	86.071	102.838	310.597	84.238	1195.692	729.732
25	148.051 *	267.419 *	514.71 *	303.208 *	184.788 *	210.335	83.648	94.973	226.248	84.473	1311.739	635.586
26	250.551 *	238.166 *	799.414 *	265.725 *	231.137 *	160.85	78.396	87.079	204.11	83.317	926.312	572.989
27	141.679 *	273.913 *	705.502 *	331.283 *	170.949 *	161.926	74.689	82.036	193.916	79.017	671.537	452.013
28	127.199 *	238.191 *	759.24 *	276.248 *	170.198 *	171.443	70.357	78.885	162.583	187.919	772.174	500.704
29	124.382 *		529.202 *	488.414 *	170.923 *	165.821	73.871	73.529	155.065	120.192	753.805	755.131
30	194.802 *		490.336 *	353.836 *	249.552 *	145.891	152.995	70.482	165.145	126.719	792.316	823.042
31	357.166 *		570.358 *		202.567 *		103.359	65.135		131.444		534.621
Caudal Max.	367.004 *	759.24 *	994.971 *	826.516 *	443.007 *	275.208	269.357	196.486	375.895	574.745	1495.969	1087.572
Día	31	18	20	1	6	25	1	20	24	6	24	19
Hora	7	17	17	7	7	5.1	4.5	18	6.1	9	23	19.2
Caudal Min.	12.557 *	178.162 *	196.486 *	226.275 *	160.599 *	105.967	68.68	64.37	56.106	75.364	148.311	349.492
Día	13	12	3	11	28	15	28	31	4	27	3	27
Hora	17	17	17	7	7	19.4	16.1	17.1	11.1	17.3	0.5	12
Caudal Medio	87.392	292.488	476.604	392.492	250.045	156.216	122.811	97.248	135.491	139.713	552.546	665.216

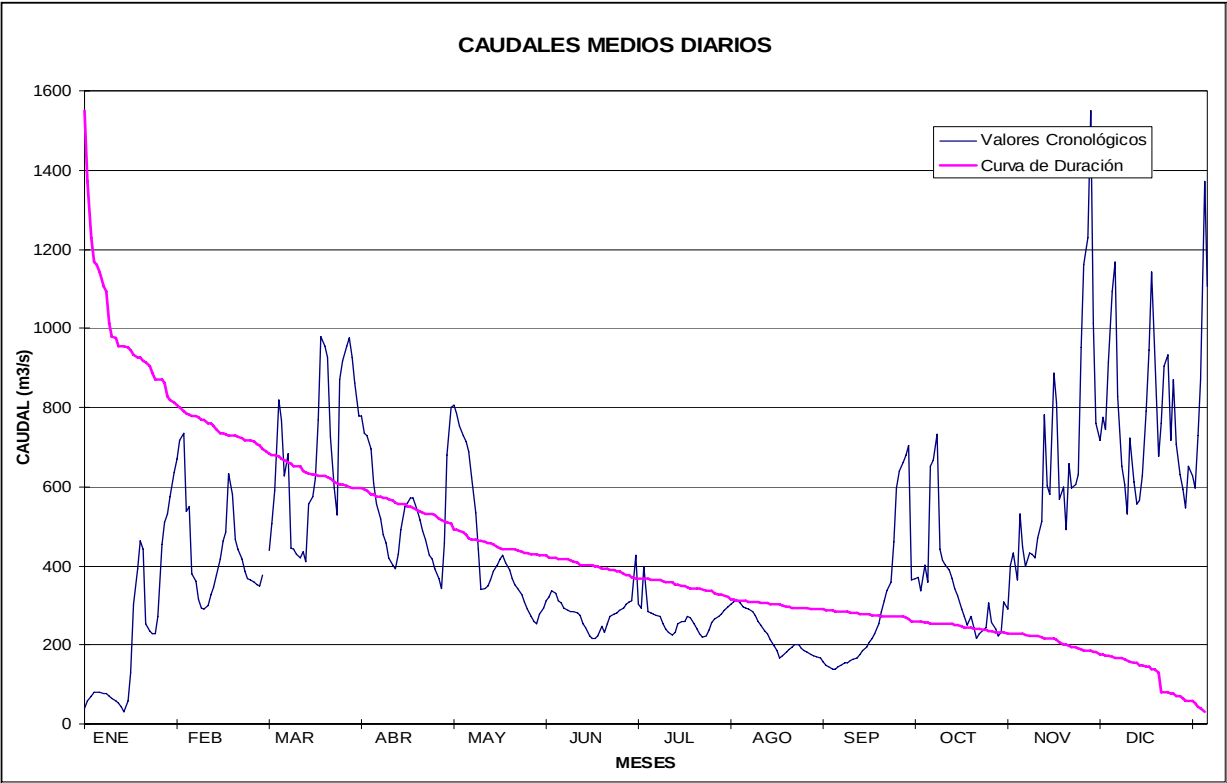
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H347	QUEVEDO EN QUEVEDO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	40.637 *	717.185 *	438.639 *	734.61 *	783.703 *	335.222 *	398.001 *	305.183 *	139.2 *	358.412 *	447.798	1166.485
2	57.932 *	734.61 *	506.544 *	728.79 *	752.185 *	330.668 *	283.227 *	297.801 *	145.032 *	652.544 *	397.4	828.092
3	69.717 *	537.894 *	589.993 *	694.182 *	728.784 *	312.605 *	281.783 *	293.406 *	149.755 *	668.698 *	432.188	653.218
4	81.215 *	548.503 *	817.646 *	608.063 *	713.33 *	306.659 *	278.9 *	290.487 *	153.326 *	733.016 *	429.773	604.886
5	80.237 *	380.293 *	767.9 *	555.672 *	690.327 *	294.873 *	276.027 *	284.675 *	155.723 *	440.41 *	421.567	532.443
6	79.26 *	359.949 *	628.089 *	518.602 *	624.662 *	287.577 *	271.732 *	274.597 *	159.34 *	412.389 *	468.225	721.81
7	77.319 *	315.605 *	682.53 *	478.943 *	534.358 *	284.675 *	254.775 *	260.391 *	164.202 *	401.06 *	511.515	612.775
8	76.357 *	294.887 *	445.276 *	458.654 *	441.108 *	283.227 *	239.525 *	249.197 *	166.649 *	388.238 *	782.147	556.085
9	69.717 *	290.496 *	440.293 *	420.559 *	338.265 *	280.34 *	232.695 *	235.421 *	175.308 *	366.137 *	602.597	564.712
10	66.005 *	300.748 *	430.387 *	401.06 *	341.325 *	276.027 *	225.92 *	227.273 *	186.628 *	342.874 *	579.987	625.663
11	59.656 *	327.69 *	418.904 *	391.431 *	350.557 *	254.775 *	231.332 *	212.575 *	194.309 *	323.119 *	887.689	792.038
12	53.515 *	347.48 *	437.059 *	430.387 *	364.563 *	243.658 *	253.373 *	196.877 *	205.987 *	290.514 *	813.14	944.293
13	43.496 *	377.16 *	410.762 *	490.975 *	386.647 *	223.229 *	258.98 *	184.103 *	215.226 *	271.751 *	568.599	1141.862
14	29.77 *	415.781 *	555.97 *	548.503 *	401.06 *	216.549 *	260.391 *	167.881 *	228.621 *	249.197 *	958.789	954.798
15	57.301 *	463.72 *	573.699 *	559.187 *	415.654 *	215.226 *	273.162 *	174.059 *	252.02 *	271.936	489.617	677.773
16	129.225 *	485.778 *	620.918 *	571.729 *	427.09 *	223.229 *	267.461 *	181.568 *	284.767 *	243.528	657.254	760.865
17	301.752 *	633.912 *	769.109 *	571.75 *	407.528 *	246.437 *	251.981 *	187.904 *	311.121 *	216.034	596.784	905.132
18	391.658 *	579.251 *	978.927 *	541.416 *	389.849 *	231.332 *	239.534 *	194.299 *	336.741 *	229.018	605.991	931.331
19	462.047 *	467.079 *	953.555 *	516.85 *	367.682 *	253.431 *	229.979 *	199.466 *	358.311 *	238.787	631.612	715.267
20	440.898 *	441.967 *	926.253 *	489.201 *	353.651 *	273.162 *	220.548 *	199.466 *	459.46 *	244.721	952.737	871.698
21	254.775 *	417.293 *	725.044 *	465.398 *	342.862 *	278.9 *	221.906 *	191.731 *	595.309 *	305.421	1161.532	708.404
22	235.436 *	386.659 *	597.117 *	427.098 *	326.119 *	281.783 *	236.794 *	186.628 *	639.452 *	256.11	1228.929	630.628
23	227.268 *	366.112 *	527.358 *	417.348 *	309.627 *	286.124 *	256.172 *	181.568 *	661.925 *	241.176	1551.66	592.133
24	229.979 *	362.984 *	870.467 *	391.439 *	290.496 *	294.873 *	266.045 *	176.551 *	680.826 *	221.796	1012.766	546.848
25	270.447 *	358.307 *	917.915 *	367.695 *	271.751 *	302.219 *	273.162 *	172.816 *	703.741 *	232.335	760.899	652.784
26	455.356 *	353.651 *	953.555 *	344.394 *	260.391 *	308.139 *	278.9 *	170.34 *	362.984 *	309.672	718.002	626.488
27	508.145 *	349.016 *	976.801 *	456.315 *	253.373 *	312.601 *	287.577 *	165.428 *	366.112 *	291.887	776.652	594.757
28	532.617 *	375.57 *	926.258 *	679.811 *	278.91 *	427.288 *	296.335 *	156.927 *	369.248 *	401.642	744.428	727.935
29	575.476 *		862.236 *	799.611 *	291.963 *	302.219 *	302.219 *	149.755 *	335.222 *	433.597	913.994	871.536
30	635.742 *		777.766 *	807.606 *	311.121 *	291.949 *	308.139 *	146.213 *	402.707 *	363.349	1092.937	1370.569
31	669.505 *		777.906 *		321.591 *		314.094 *	140.357 *		531.402		1106.449
Caudal Max.	684.613 *	738.498 *	983.177 *	809.608 *	789.652 *	544.953 *	509.879 *	309.623 *	715.249 *	773.799 *	1785.704	1533.741
Día	31	2	18	30	1	28	1	1	25	4	23	30
Hora	16	16	8	16	8	8	16	8	16	9	12.4	21.1
Caudal Min.	26.897 *	286.124 *	409.139 *	342.857 *	251.976 *	211.242 *	216.544 *	139.194 *	136.88 *	195.585	367.678	492.616
Día	14	9	13	26	27	15	21	31	1	20	2	5
Hora	16	9	9	16	16	8	8	16	8	8.3	14.4	15.5
Caudal Medio	234.273	428.199	687.254	528.909	421.63	281.966	266.796	208.224	318.642	352.605	727.907	773.863

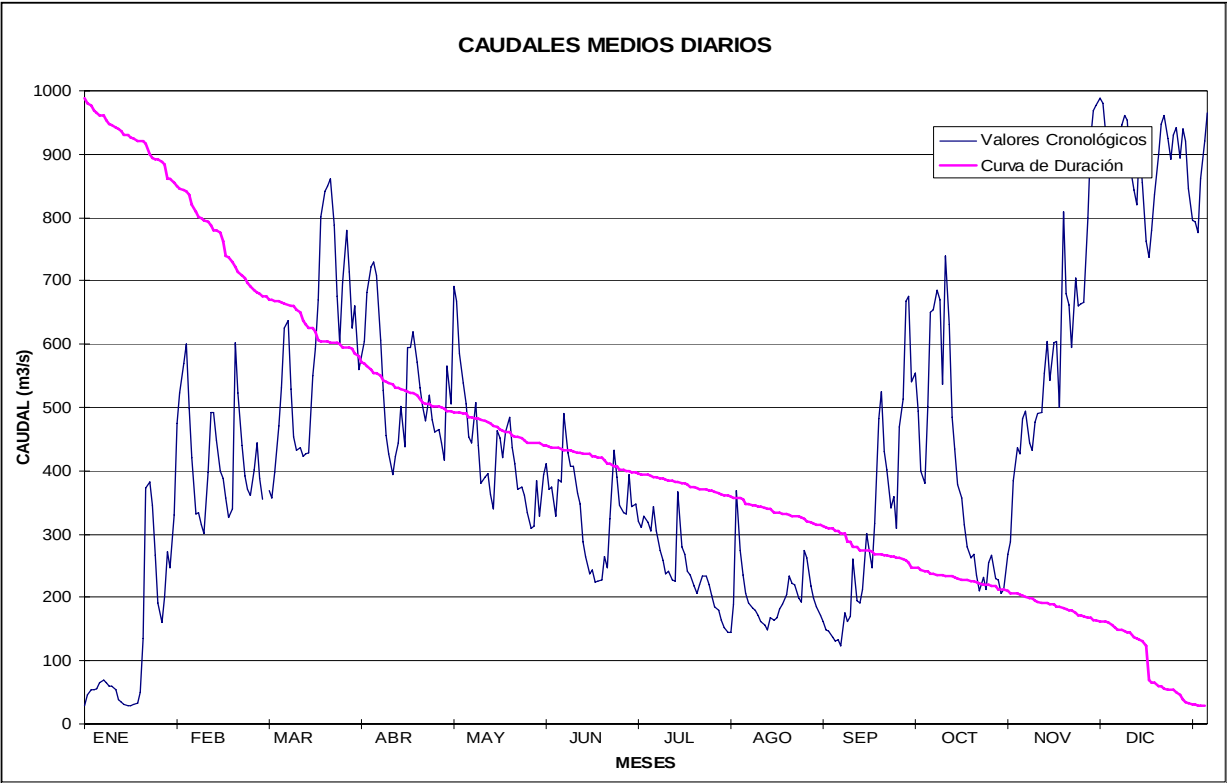
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H348	VINCES EN VINCES-DCP											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	29.223 *	524.103 *	368.045 *	604.44 *	667.836 *	375.098 *	327.793 *	274.176 *	131.859 *	501.721 *	483.108	891.313 *
2	46 *	569.22 *	357.513 *	681.107 *	585.504 *	328.653 *	317.903 *	234.888 *	133.439 *	651.306 *	494.556	920.013 *
3	54.02 *	601.048 *	396.884 *	721.856 *	538.878 *	386.71 *	304.132 *	206.812 *	122.645 *	653.663 *	443.577	945.042 *
4	54.346 *	497.414 *	470.358 *	730.459 *	505.477 *	382.203 *	343.817 *	192.036 *	176.018 *	684.609 *	432.653	961.932 *
5	56.772 *	420.93 *	530.404 *	708.512 *	454.437 *	491.123 *	304.988 *	182.762 *	162.015 *	669.248 *	476.432	953.478 *
6	66.478 *	332.798 *	626.237 *	606.738 *	444.667 *	429.275 *	274.456 *	179.737 *	169.629 *	536.732 *	490.282	884.472 *
7	69.889 *	333.664 *	636.316 *	526.386 *	508.506 *	407.739 *	257.97 *	171.354 *	260.907 *	739.406 *	491.644	842.955 *
8	65.732 *	315.54 *	528.487 *	455.297 *	440.768 *	406.786 *	238.38 *	162.593 *	194.355 *	631.848 *	553.983	820.586 *
9	59.907 *	300.961 *	453.321 *	427.429 *	379.544 *	364.483 *	241.942 *	156.321 *	191.417 *	484.031 *	604.779	917.253 *
10	60.623 *	396.975 *	433.071 *	393.947 *	390.325 *	347.384 *	228.536 *	147.944 *	211.48 *	435.038 *	542.263	855.085 *
11	54.094 *	492.12 *	435.931 *	421.819 *	395.777 *	288.345 *	225.761 *	168.413 *	301.933 *	377.747 *	601.788	762.865 *
12	38.379 *	492.132 *	423.628 *	443.615 *	362.767 *	263.93 *	367.14 *	164.907 *	274.489 *	356.657 *	603.949	736.635 *
13	34.465 *	447.533 *	426.422 *	501.948 *	340.404 *	236.957 *	279.099 *	167.234 *	246.271 *	313.862 *	499.239	780.597 *
14	31.53 *	400.345 *	428.365 *	438.053 *	464.186 *	243.382 *	268.397 *	182.212 *	316.529 *	280.595 *	809.099 *	835.096 *
15	29.476 *	387.602 *	549.544 *	594.325 *	452.363 *	223.694 *	241.238 *	190.05 *	483.373 *	261.643 *	679.611 *	899.467 *
16	28.972 *	357.562 *	592.21 *	594.321 *	420.814 *	225.14 *	234.888 *	204.816 *	524.136 *	267.639 *	661.886 *	947.846 *
17	31.53 *	326.959 *	669.197 *	620.266 *	461.277 *	228.557 *	217.532 *	232.729 *	430.23 *	235.546 *	594.321 *	961.913 *
18	33.65 *	338.887 *	801.338 *	571.205 *	484.093 *	263.912 *	207.464 *	222.344 *	401.296 *	210.132 *	703.69 *	924.202 *
19	50.421 *	602.177 *	841.61 *	530.46 *	435.964 *	246.286 *	220.319 *	219.592 *	341.305 *	231.093 *	660.933 *	891.342 *
20	135.731 *	523.224 *	849.567 *	501.316 *	411.468 *	324.971 *	232.725 *	198.02 *	359.349 *	211.63 *	663.159 *	931.095 *
21	372.41 *	439.932 *	861.596 *	478.021 *	369.807 *	432.114 *	233.48 *	193.28 *	309 *	255.459 *	666.593 *	942.253 *
22	382.203 *	392.188 *	788.408 *	518.866 *	375.073 *	389.508 *	219.582 *	274.489 *	469.118 *	266.908 *	800.071 *	893.974 *
23	344.621 *	369.763 *	676.253 *	481.023 *	361.886 *	344.621 *	201.975 *	261.793 *	512.95 *	229.11	927.079 *	940.873 *
24	267.174 *	361.865 *	602.152 *	462.141 *	333.664 *	333.639 *	185.211 *	217.557 *	667.004 *	227.062	968.991 *	920.085 *
25	190.185 *	401.28 *	696.556 *	466.087 *	308.948 *	331.956 *	180.338 *	198.701 *	675.311 *	206.126	977.508 *	845.62 *
26	159.725 *	443.633 *	779.342 *	444.622 *	312.193 *	393.985 *	163.777 *	185.865 *	541.071 *	212.67	987.496 *	794.675 *
27	200.705 *	387.701 *	714.612 *	416.081 *	384 *	342.916 *	152.382 *	172.546 *	553.825 *	268.254	980.361 *	793.573 *
28	272.918 *	355.811 *	626.101 *	565.717 *	328.653 *	348.058 *	145.741 *	161.447 *	493.96 *	286.985	935.355 *	776.853 *
29	247.801 *		659.521 *	505.405 *	393.166 *	321.186 *	145.741 *	149.605 *	400.389 *	384.49	929.711 *	860.226 *
30	330.909 *		560.332 *	691.792 *	411.583 *	311.462 *	190.154 *	146.3 *	380.414 *	435.355	887.252 *	920.085 *
31	474.72 *		580.175 *		370.663 *		369.061 *	137.655 *		427.55		964.748 *
Caudal Max.	511.593 *	611.146 *	873.634 *	734.158 *	685.532 *	497.208 *	385.796 *	297.749 *	712.074 *	769.172 *	987.496 *	970.404 *
Día	31	19	21	4	1	5	31	1	25	7	26	4
Hora	18	7	7	18	7	18	18	7	7	7	18	18
Caudal Min.	28.971 *	294.586 *	355.778 *	391.218 *	308.948 *	216.852 *	145.74 *	136.059 *	121.639 *	195.16 *	424.53	734.158 *
Día	1	9	2	10	25	16	28	31	3	25	4	12
Hora	18	7	18	18	7	7	7	18	7	18	6.3	18
Caudal Medio	137.891	421.906	592.371	536.775	422.409	333.802	242.642	192.199	347.857	384.971	685.046	881.166

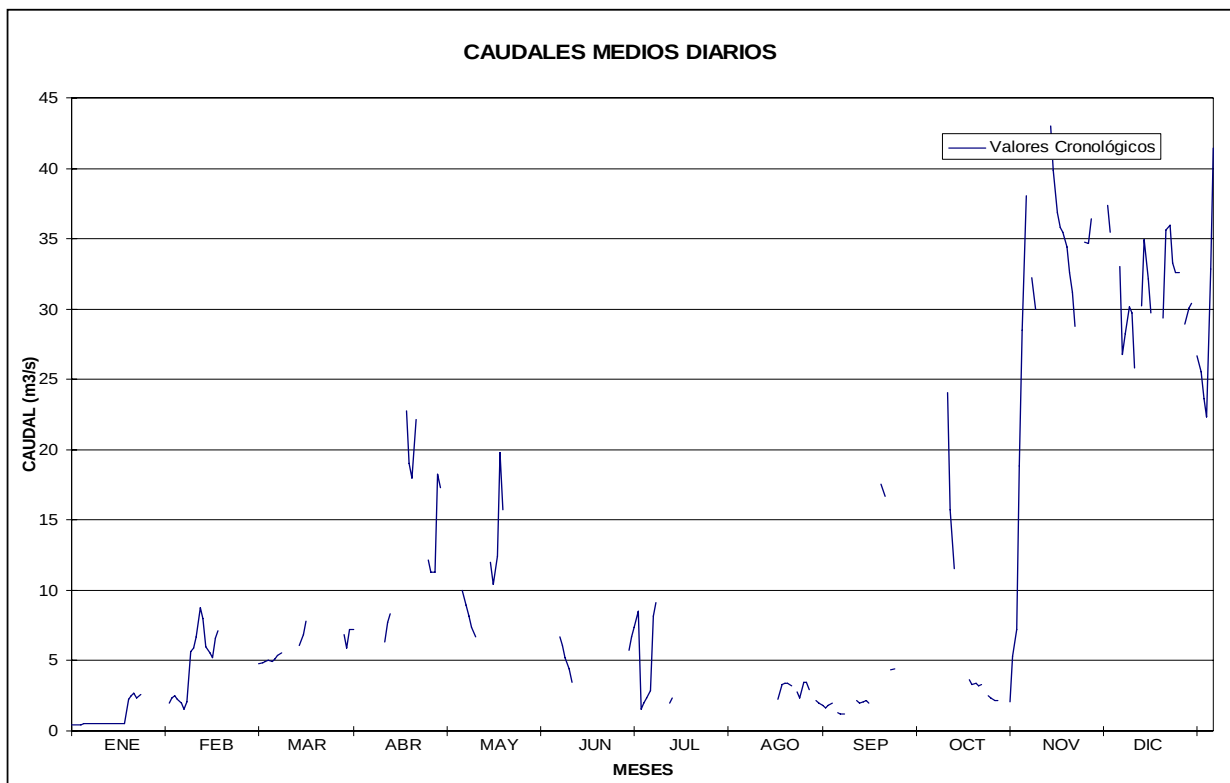
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H352	MACUL EN PTE. CARRETERA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.453 *	1.992 *	4.794 *	crecida *	crecida *		1.564 *			crecida *	38.066 *	33.032 *
2	0.453 *	2.376 *	4.852 *	crecida *	crecida *		1.992 *		1.328 *	crecida *		26.797 *
3	0.453 *	2.476 *	4.91 *	crecida *	crecida *		2.376 *		1.254 *	crecida *	32.255 *	28.222 *
4	0.453 *	2.275 *	5.027 *	crecida *	crecida *		2.908 *		1.197 *	crecida *	29.978 *	30.127 *
5	0.505 *	1.992 *	4.913 *	crecida *	9.975 *	6.722 *	8.169 *			crecida *	crecida *	29.683 *
6	0.505 *	1.56 *	5.146 *	crecida *	8.947 *	6.053 *	9.151 *			crecida *	42.041 *	25.823 *
7	0.505 *	2.088 *	5.42 *	crecida *	8.169 *	5.237 *				24.107 *	crecida *	
8	0.505 *	5.637 *	5.574 *	crecida *	7.427 *	4.403 *			2.179 *	15.732 *	crecida *	30.203 *
9	0.505 *	5.891 *		crecida *	6.722 *	3.489 *			2.009 *	11.546 *	43.021 *	34.938 *
10	0.505 *	6.687 *		6.383 *	crecida *		1.992 *		2.065 *		39.855 *	32.177 *
11	0.505 *	8.748 *		7.722 *	crecida *		2.376 *		2.159 *		36.814 *	29.681 *
12	0.505 *	7.982 *		8.363 *	crecida *			3.131 *	2.028 *		35.828 *	
13	0.505 *	5.955 *		crecida *	crecida *						35.421 *	
14	0.505 *	5.579 *	6.053 *	crecida *	11.96 *			2.236 *		3.612 *	34.375 *	
15	0.505 *	5.207 *	6.898 *	crecida *	10.396 *			3.271 *		3.271 *	32.564 *	29.388 *
16	0.505 *	6.584 *	7.793 *	crecida *	12.427 *			3.366 *	17.555 *	3.415 *	31.182 *	35.584 *
17	0.505 *	7.14 *	crecida *	22.759 *	19.773 *			3.415 *	16.664 *	3.177 *	28.728 *	35.992 *
18	0.542 *		crecida *	19.058 *	15.695 *		crecida *	3.224 *		3.271 *		33.266 *
19	2.275 *		crecida *	17.952 *	crecida *		crecida *		4.344 *			32.563 *
20	2.476 *		crecida *	22.19 *	crecida *		crecida *	2.772 *	4.399 *	2.559 *	34.775 *	32.564 *
21	2.685 *		crecida *	crecida *	crecida *		crecida *	2.315 *		2.315 *	34.638 *	
22	2.376 *		crecida *	crecida *	crecida *			3.512 *	19.289 *	2.178 *	36.404 *	28.947 *
23	2.607 *		crecida *	crecida *	crecida *			3.463 *	crecida *	2.159 *	crecida *	30.053 *
24				12.191 *	crecida *			2.948 *	crecida *		crecida *	30.426 *
25				11.275 *	crecida *				crecida *	2.046 *	crecida *	
26				11.275 *	24.399 *			2.198 *	crecida *		crecida *	26.657 *
27				18.21 *	crecida *	5.732 *		2.028 *	crecida *	2.112 *	37.396 *	25.549 *
28			6.894 *	17.33 *		6.722 *		1.829 *	crecida *	5.285 *	35.421 *	23.669 *
29			5.89 *			7.427 *		1.659 *	crecida *	7.175 *		22.322 *
30			7.246 *			8.553 *		1.847 *	crecida *	18.819 *		32.876 *
31			7.246 *					1.975 *		28.509 *		41.423 *
Caudal Max. Día Hora												
Caudal Min. Día Hora												
Caudal Medio	0.928		4.03	6.441	5.033				3.641	5.887	25.551	30.478

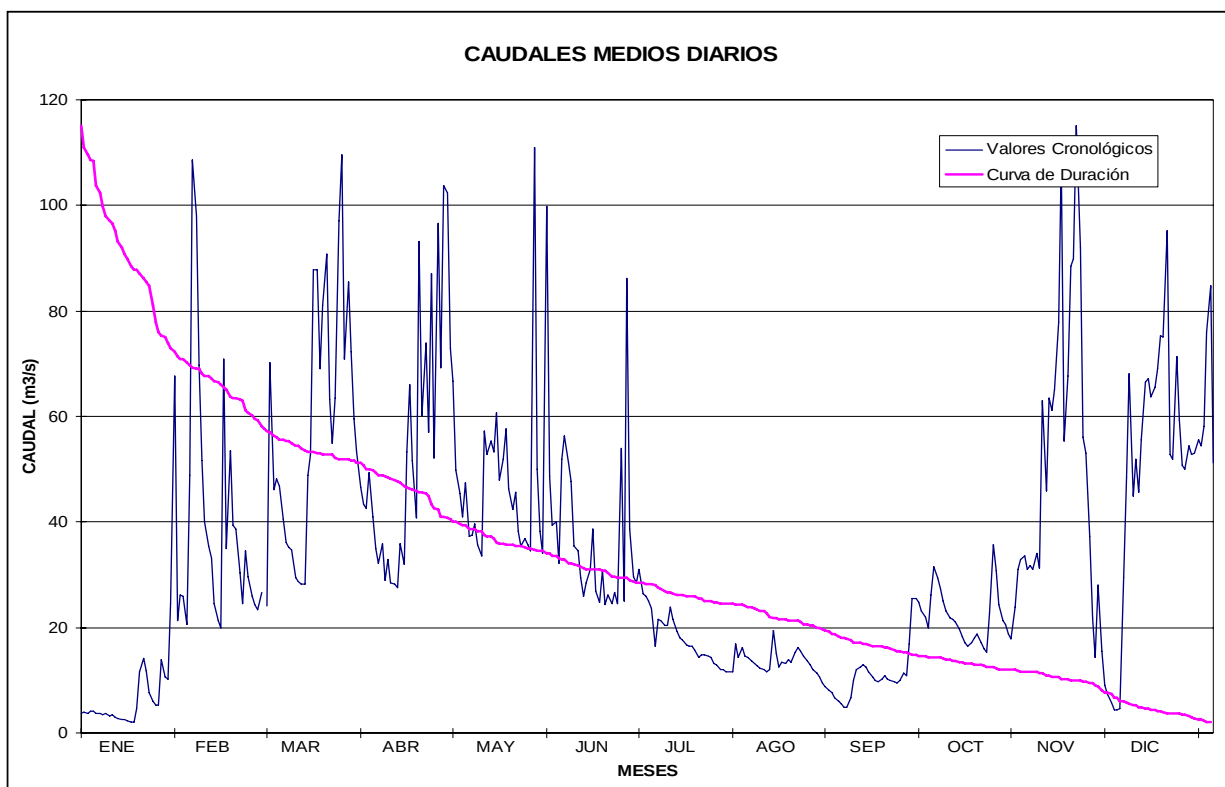
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

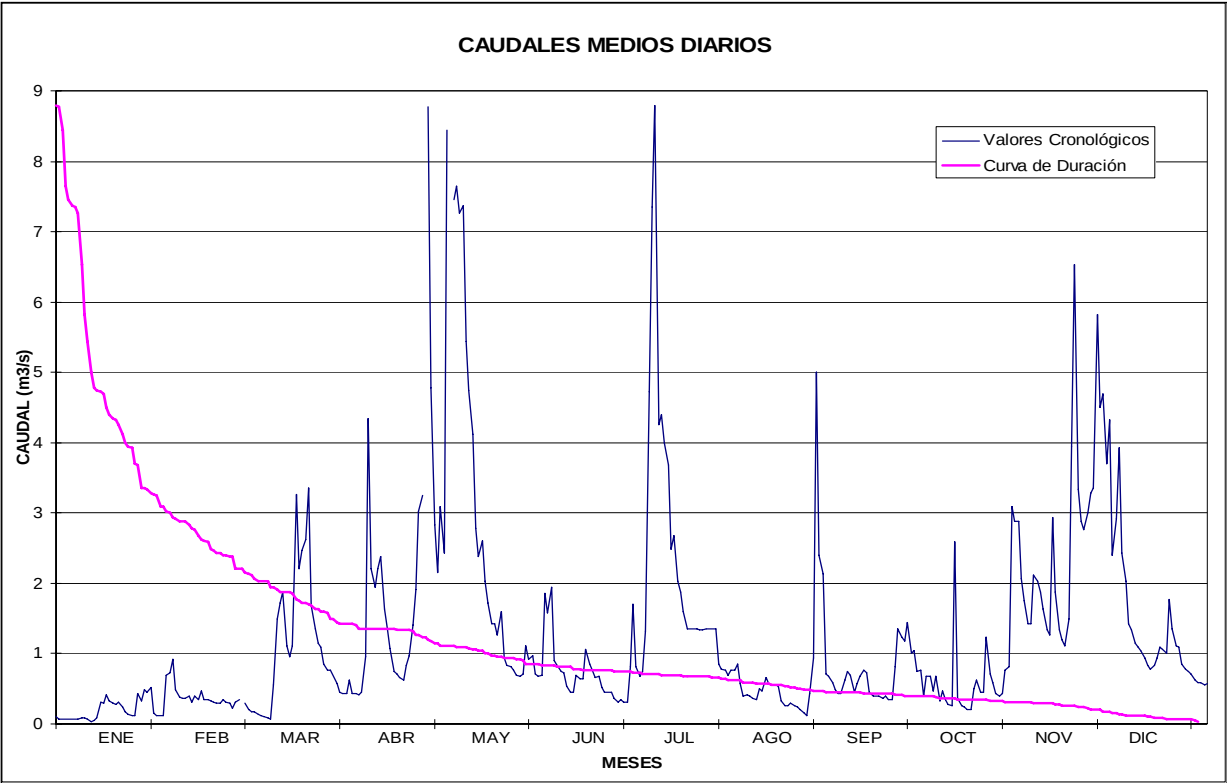
H447	BULUBULU AJ PAYO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	3.74 *	21.264 *	24.025 *	43.271 *	49.745 *	39.268 *	25.896 *	16.242 *	6.094	26.161	31.002	4.677
2	3.865 *	26.227 *	70.303 *	42.642 *	45.364 *	40.016 *	25.127 *	14.654 *	5.455	31.554	31.644	29.514
3	3.743 *	25.926 *	46.205 *	49.38 *	41.065 *	32.121 *	23.72 *	14.417 *	4.813	29.526	30.991	48.464
4	4.105 *	20.506 *	48.151 *	41.065 *	47.424 *	51.976 *	16.411 *	13.606 *	4.765	27.37	34.07	68.039
5	4.106 *	48.878 *	46.85 *	35.029 *	37.285 *	56.342 *	21.64 *	13.264 *	6.781	25.133	31.32	44.954
6	3.804 *	108.721 *	40.623 *	32.297 *	37.477 *	51.141 *	21.353 *	12.706 *	9.862	23.202	63.089	51.867
7	3.684 *	97.998 *	36.145 *	35.992 *	39.626 *	47.679 *	20.498 *	12.268 *	12.126	21.697	45.789	45.719
8	3.568 *	69.785 *	35.208 *	29.025 *	35.775 *	35.395 *	20.501 *	11.946 *	12.561	21.64	63.413	55.492
9	3.625 *	51.71 *	34.853 *	32.853 *	33.557 *	34.472 *	23.891 *	11.522 *	13.055	21.13	61.244	66.569
10	3.286 *	40.037 *	29.522 *	28.502 *	57.314 *	29.373 *	21.498 *	12.053 *	12.407	19.636	65.089	67.238
11	3.401 *	35.407 *	28.841 *	28.336 *	52.845 *	26.057 *	19.248 *	19.534 *	11.651	18.319	77.882	63.674
12	2.964 *	33.205 *	28.342 *	27.674 *	55.273 *	28.551 *	18.04 *	15.075 *	10.686	17.131	108.332	65.589
13	2.761 *	24.497 *	28.342 *	35.841 *	53.315 *	31.065 *	17.515 *	12.598 *	10.032	16.449	55.326	68.948
14	2.511 *	21.22 *	48.825 *	31.875 *	60.598 *	38.737 *	16.616 *	13.377 *	9.615	17.193	67.63	75.289
15	2.463 *	19.945 *	52.851 *	53.272 *	48.041 *	26.862 *	16.49 *	13.27 *	10.225	18.089	88.506	75.118
16	2.277 *	70.926 *	87.841 *	66.108 *	51.854 *	24.797 *	16.364 *	14.014	10.983	18.676	89.782	95.163
17	2.053 *	35.034 *	87.824 *	51.771 *	57.741 *	30.847 *	15.743 *	13.347	10.271	17.236	115.082	52.758
18	2.141 *	53.619 *	69.077 *	40.835 *	46.426 *	24.335 *	14.447 *	15.276	9.971	16.043	91.936	51.961
19	4.552 *	39.448 *	81.173 *	93.195 *	42.442 *	26.25 *	14.772 *	16.191	9.808	15.326	56.125	71.276
20	11.628 *	38.752 *	90.761 *	60.206 *	45.572 *	24.505 *	14.772 *	15.486	9.54	22.69	53.067	59.219
21	14.056 *	30.441 *	63.189 *	73.991 *	38.253 *	26.698 *	14.654 *	14.572	9.946	35.721	37.223	50.684
22	11.918 *	24.487 *	54.977 *	56.959 *	35.395 *	24.491 *	14.3 *	13.761	11.417	30.801	21.863	50.052
23	7.716 *	34.569 *	63.572 *	87.103 *	36.738 *	53.996 *	13.152 *	12.887	10.902	24.438	14.355	54.555
24	6.103 *	29.549 *	97.004 *	52.197 *	35.582 *	25.113 *	13.04 *	11.959	16.855	21.204	28.13	52.72
25	5.438 *	25.899 *	109.562 *	96.5 *	34.469 *	86.086 *	12.161 *	11.253	25.45	20.621	15.484	52.967
26	5.226 *	24.356 *	70.988 *	69.35 *	110.889 *	38.577 *	11.946 *	10.569	25.574	18.715	9.014	55.592
27	13.953 *	23.441 *	85.466 *	103.719 *	49.999 *	29.689 *	11.627 *	9.561	24.861	17.771	7.492	54.327
28	10.632 *	26.544 *	72.373 *	102.284 *	38.274 *	28.511 *	11.522 *	8.899	23.157	23.897	5.719	58.054
29	10.1 *		59.5 *	72.934 *	33.949 *	31.083 *	11.522 *	8.133	22.066	30.939	4.318	75.956
30	24.516 *		53.335 *	66.777 *	99.894 *	26.376 *	17.014 *	7.574	20.016	32.812	4.395	84.898
31	67.539 *		46.652 *		48.601 *		14.3 *	6.819		33.515		51.241
Caudal Max.	93.254 *	159.196 *	111.891 *	117.339 *	127.911 *	89.614 *	26.535 *	20.497 *	26.535	36.712	132.27	123.626
Día	31	6	25	28	26	25	2	11	26	21	17	16
Hora	7	18	7	7	7	18	7	7	13.2	5.5	5.4	8.2
Caudal Min.	2.01 *	15.742 *	23.719 *	27.509 *	31.941 *	23.115 *	10.597 *	6.33	4.485	15.253	4.105	4.615
Día	17	2	1	8	29	23	4	31	4	20	29	1
Hora	18	7	18	18	18	7	7	20.4	5.2	11.3	12.4	18.2
Caudal Medio	8.112	39.371	57.819	54.699	48.412	35.68	17.09	12.801	12.698	23.053	46.977	58.148

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997												
CAUDALES MEDIOS DIARIOS (m3/s)												
H466	SILANTE EN INGAPIRCA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.109 *	0.16 *	0.302 *	0.441 *	2.159 *	0.719 *	0.816 *	0.698 *	0.719 *	0.763 *	2.879 *	2.394 *
2	0.065 *	0.129 *	0.204 *	0.426 *	3.094 *	0.678 *	1.696 *	0.763 *	0.677 *	0.396 *	2.073 *	2.915 *
3	0.065 *	0.122 *	0.176 *	0.617 *	2.438 *	0.7 *	0.809 *	0.763 *	0.598 *	0.677 *	1.752 *	3.933 *
4	0.065 *	0.122 *	0.168 *	0.426 *	8.451 *	1.867 *	0.678 *	0.847 *	0.491 *	0.677 *	1.428 *	2.431 *
5	0.065 *	0.7 *	0.136 *	0.426 *		1.574 *	0.746 *	0.565 *	0.441 *	0.475 *	1.428 *	2.03 *
6	0.065 *	0.722 *	0.122 *	0.411 *	7.449 *	1.948 *	1.315 *	0.396 *	0.426 *	0.677 *	2.115 *	1.428 *
7	0.065 *	0.919 *	0.109 *	0.457 *	7.644 *	0.905 *	4.719 *	0.411 *	0.617 *	0.327 *	2.03 *	1.33 *
8	0.065 *	0.491 *	0.085 *	0.959 *	7.263 *	0.832 *	7.356 *	0.396 *	0.743 *	0.475 *	1.868 *	1.147 *
9	0.085 *	0.381 *	0.065 *	4.337 *	7.36 *	0.741 *	8.788 *	0.37 *	0.698 *	0.343 *	1.639 *	1.09 *
10	0.085 *	0.367 *	0.551 *	2.202 *	5.432 *	0.722 *	4.257 *	0.355 *	0.457 *	0.278 *	1.33 *	1.035 *
11	0.061 *	0.367 *	1.493 *	1.948 *	4.747 *	0.542 *	4.394 *	0.496 *	0.58 *	0.266 *	1.267 *	0.932 *
12	0.04 *	0.396 *	1.712 *	2.202 *	4.126 *	0.457 *	3.995 *	0.475 *	0.677 *	2.594 *	2.939 *	0.832 *
13	0.052 *	0.314 *	1.868 *	2.388 *	2.776 *	0.457 *	3.677 *	0.661 *	0.763 *	0.368 *	1.868 *	0.786 *
14	0.085 *	0.396 *	1.118 *	1.639 *	2.388 *	0.7 *	2.478 *	0.579 *	0.722 *	0.255 *	1.33 *	0.832 *
15	0.315 *	0.354 *	0.959 *	1.363 *	2.604 *	0.636 *	2.674 *	0.56 *	0.457 *	0.244 *	1.206 *	0.932 *
16	0.29 *	0.475 *	1.109 *	1.077 *	2.031 *	0.636 *	2.031 *	0.56 *	0.396 *	0.204 *	1.118 *	1.092 *
17	0.411 *	0.34 *	3.263 *	0.741 *	1.713 *	1.063 *	1.868 *	0.542 *	0.396 *	0.204 *	1.493 *	1.063 *
18	0.327 *	0.34 *	2.202 *	0.719 *	1.428 *	0.856 *	1.602 *	0.327 *	0.396 *	0.506 *	3.941 *	1.016 *
19	0.29 *	0.327 *	2.459 *	0.657 *	1.428 *	0.763 *	1.363 *	0.266 *	0.367 *	0.633 *	6.526 *	1.772 *
20	0.278 *	0.314 *	2.624 *	0.633 *	1.267 *	0.657 *	1.362 *	0.266 *	0.396 *	0.457 *	3.332 *	1.363 *
21	0.314 *	0.29 *	3.354 *	0.837 *	1.592 *	0.68 *	1.362 *	0.29 *	0.354 *	0.457 *	2.879 *	1.118 *
22	0.25 *	0.29 *	1.677 *	0.978 *	0.932 *	0.524 *	1.362 *	0.255 *	0.34 *	1.236 *	2.771 *	1.09 *
23	0.168 *	0.34 *	1.363 *	1.401 *	0.832 *	0.457 *	1.33 *	0.244 *	0.809 *	0.719 *	3.001 *	0.856 *
24	0.144 *	0.314 *	1.147 *	1.906 *	0.808 *	0.457 *	1.33 *	0.214 *	1.363 *	0.597 *	3.277 *	0.786 *
25	0.129 *	0.302 *	1.09 *	3.028 *	0.763 *	0.457 *	1.362 *	0.154 *	1.237 *	0.426 *	3.354 *	0.741 *
26	0.122 *	0.224 *	0.856 *	3.251 *	0.698 *	0.367 *	1.362 *	0.122 *	1.176 *	0.396 *	5.814 *	0.72 *
27	0.441 *	0.312 *	0.763 *		0.677 *	0.314 *	1.362 *	0.432 *	1.443 *	0.426 *	4.498 *	0.617 *
28	0.327 *	0.355 *	0.763 *	8.778 *	0.72 *	0.343 *	1.362 *	0.941 *	1 *	0.763 *	4.692 *	0.597 *
29	0.491 *		0.698 *	4.773 *	1.118 *	0.314 *	0.856 *	4.997 *	1.037 *	0.808 *	3.709 *	0.597 *
30	0.457 *		0.567 *	2.834 *	0.919 *	0.314 *	0.786 *	2.404 *	0.741 *	3.094 *	4.325 *	0.56 *
31	0.516 *		0.457 *		0.978 *		0.763 *	2.135 *		2.879 *		0.579 *
Caudal Max.	0.636 *	1.118 *	4.325 *			2.03 *	11.232 *	5.669 *	2.03 *	3.094 *	6.882 *	4.189 *
Día	31	7	17			5	9	29	27	30	26	3
Hora	7	7	18			7	7	18	18	7	17	17
Caudal Mín.	0.024 *	0.122 *	0.065 *			0.289 *	0.396 *	0.122 *	0.34 *	0.204 *	1.118 *	0.56 *
Día	12	2	9			28	1	26	22	16	16	30
Hora	7	7	7			7	7	7	7	7	7	7
Caudal Medio	0.201	0.363	1.079	1.788	2.861	0.723	2.254	0.725	0.684	0.73	2.729	1.246

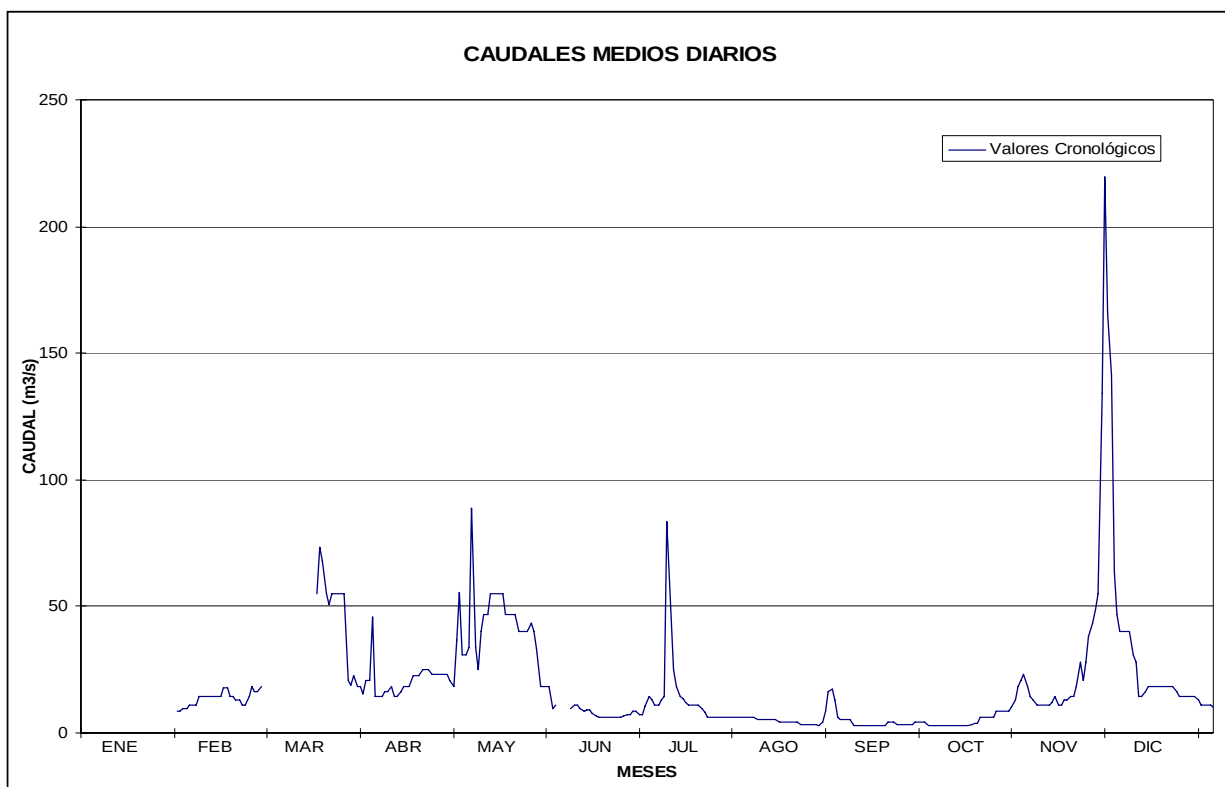
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H471	CANNAR DJ RAURA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		8.524 *		15.478 *	36.682 *	9.843 *	10.564 *	6.236 *	6.236 *	2.926 *	18.379 *	39.868 *
2		8.524 *		20.583 *	55.527 *	11.285 *	14.558 *	6.236 *	5.258 *	2.926 *	14.558 *	39.868 *
3		9.843 *		20.583 *	30.655 *		12.855 *	6.236 *	5.258 *	2.926 *	12.921 *	39.868 *
4		9.843 *		45.636 *	30.655 *		11.285 *	6.236 *	5.258 *	2.926 *	11.285 *	39.868 *
5		11.285 *		14.558 *	33.841 *		11.285 *	6.236 *	5.258 *	2.926 *	11.285 *	30.655 *
6		11.285 *		14.558 *	88.843 *		12.855 *	5.258 *	2.926 *	2.926 *	11.285 *	27.813 *
7		11.285 *		14.558 *	33.841 *	9.843 *	14.558 *	5.258 *	2.926 *	2.926 *	11.285 *	14.558 *
8		14.558 *		16.469 *	25.3 *	11.285 *	83.586 *	5.258 *	2.926 *	2.926 *	11.285 *	14.558 *
9		14.558 *		16.469 *	39.868 *	11.285 *	47.343 *	5.258 *	2.926 *	2.926 *	12.07 *	16.469 *
10		14.558 *		18.379 *	46.964 *	9.843 *	25.3 *	5.258 *	2.926 *	2.926 *	14.558 *	18.379 *
11		14.558 *		14.558 *	46.964 *	8.524 *	18.379 *	5.258 *	2.926 *	2.926 *	11.285 *	18.379 *
12		14.558 *		14.558 *	54.817 *	9.183 *	14.558 *	5.258 *	2.926 *	2.926 *	11.285 *	18.379 *
13		14.558 *		16.469 *	54.817 *	9.183 *	13.706 *	4.384 *	2.926 *	2.926 *	12.855 *	18.379 *
14		14.558 *		18.379 *	54.817 *	7.924 *	12.07 *	4.384 *	2.926 *	3.608 *	12.855 *	18.379 *
15		14.558 *		18.379 *	54.817 *	6.78 *	11.285 *	4.384 *	2.926 *	3.996 *	14.558 *	18.379 *
16		17.972 *		18.379 *	54.817 *	6.236 *	11.285 *	4.384 *	2.926 *	3.996 *	14.558 *	18.379 *
17		17.972 *	54.817 *	22.786 *	46.964 *	6.236 *	11.285 *	4.384 *	4.384 *	6.236 *	18.379 *	18.379 *
18		14.558 *	73.35 *	22.786 *	46.964 *	6.236 *	11.285 *	4.384 *	4.384 *	6.236 *	28.141 *	18.379 *
19		14.558 *	68.191 *	22.786 *	46.964 *	6.236 *	9.843 *	4.384 *	4.384 *	6.236 *	20.583 *	16.469 *
20		12.855 *	54.817 *	25.3 *	46.964 *	6.236 *	8.04 *	3.608 *	3.608 *	6.236 *	27.813 *	14.558 *
21		12.855 *	50.891 *	25.3 *	39.868 *	6.236 *	6.236 *	3.608 *	3.608 *	6.236 *	38.231 *	14.558 *
22		11.285 *	54.817 *	25.3 *	39.868 *	6.236 *	6.236 *	3.608 *	3.608 *	8.524 *	43.324 *	14.558 *
23		11.285 *	54.817 *	23.096 *	39.868 *	6.236 *	6.236 *	3.608 *	3.608 *	8.524 *	48.879 *	14.558 *
24		14.558 *	54.817 *	23.096 *	39.868 *	6.78 *	6.236 *	3.608 *	3.608 *	8.524 *	54.817 *	14.558 *
25		18.379 *	54.817 *	23.096 *	43.416 *	7.323 *	6.236 *	3.608 *	3.608 *	8.524 *	134.181 *	14.558 *
26		16.398 *	54.817 *	23.096 *	39.868 *	7.323 *	6.236 *	2.926 *	4.384 *	8.524 *	219.623 *	12.921 *
27		16.398 *	20.583 *	23.096 *	33.496 *	8.524 *	6.236 *	4.581 *	4.384 *	9.904 *	165.356 *	11.285 *
28		18.379 *	18.672 *	23.096 *	18.379 *	8.524 *	6.236 *	8.524 *	4.384 *	12.921 *	141.204 *	11.285 *
29			22.786 *	20.583 *	18.379 *	7.323 *	6.236 *	16.469 *	4.384 *	18.379 *	63.87 *	11.285 *
30			18.379 *	18.379 *	18.379 *	7.323 *	6.236 *	17.389 *	2.926 *	20.583 *	46.964 *	11.285 *
31			18.379 *		18.379 *		6.236 *	12.921 *		23.096 *		9.904 *
Caudal Max.		18.379 *		63.459 *	94.444 *		133.677 *	18.379 *	6.236 *	27.813 *	219.623 *	39.868 *
Día		25		4	6		8	30	1	31	26	2
Hora		6		6	17		17	6	6	17	6	6
Caudal Min.		8.524 *		14.558 *	18.379 *		6.236 *	2.926 *	2.926 *	2.926 *	11.285 *	8.524 *
Día		1		6	29		27	26	12	8	7	31
Hora		6		17	6		6	6	17	6	17	6
Caudal Medio		13.732		20.66	41.318	8	14.017	5.908	3.824	6.72	41.922	19.378

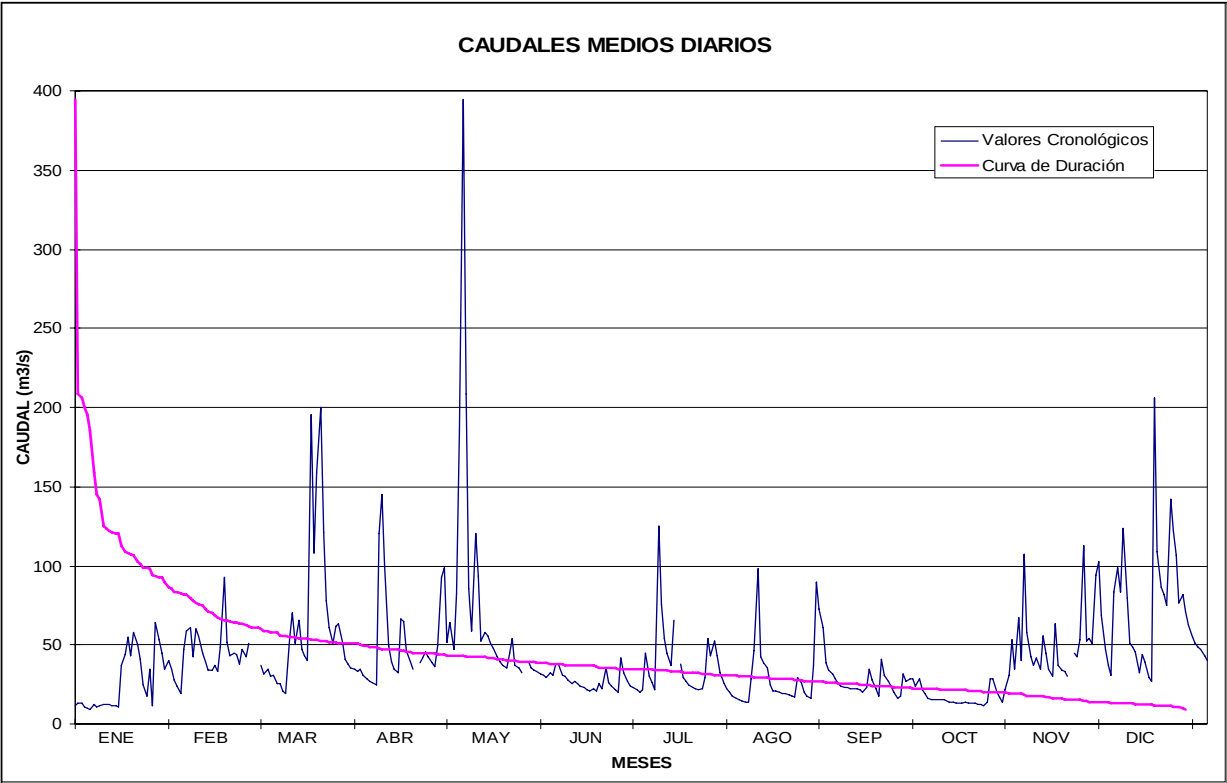
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H530	JUBONES EN USHCURRUMI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	11.959 *	34.709 *	37.012 *	33.265 *	64.247 *	29.573 *	20.407 *	16.283 *	31.642 *	19.157 *	39.799 *	83.411 *
2	13.508 *	27.667 *	31.948 *	34.383 *	46.939 *	32.443 *	21.757 *	15.511 *	28.594 *	16.283 *	107.185 *	98.795 *
3	12.975 *	24.019 *	34.983 *	30.606 *	82.798 *	31.115 *	44.5 *	14.626 *	25.538 *	15.662 *	57.599 *	83.242 *
4	11.011 *	19.69 *	29.846 *	28.584 *	185.425 *	37.655 *	30.083 *	14.058 *	24.222 *	15.36 *	42.406 *	123.814 *
5	10.01 *	47.385 *	31.115 *	27.379 *	394.947 *	37.616 *	26.244 *	13.644 *	23.375 *	15.36 *	37.027 *	79.18 *
6	9.283 *	58.838 *	25.774 *	25.988 *	208.435 *	30.852 *	21.554 *	28.581 *	23.166 *	15.36 *	41.397 *	50.653 *
7	12.594 *	61.186 *	25.765 *	24.875 *	85.568 *	29.826 *	124.926 *	46.245 *	22.755 *	15.063 *	34.412 *	48.378 *
8	11.124 *	42.734 *	21.177 *	120.665 *	58.868 *	28.098 *	75.573 *	98.204 *	22.349 *	14.77 *	55.917 *	45.508 *
9	11.358 *	60.116 *	19.304 *	144.941 *	120.189 *	25.544 *	54.216 *	42.751 *	22.149 *	14.198 *	44.47 *	32.204 *
10	12.084 *	55.858 *	55.134 *	101.034 *	93.073 *	26.909 *	44.832 *	38.847 *	21.554 *	13.781 *	34.953 *	44.112 *
11	12.715 *	44.866 *	70.115 *	49.504 *	52.594 *	25.538 *	37.027 *	35.827 *	20.273 *	13.373 *	30.083 *	39.475 *
12	12.082 *	39.155 *	51.07 *	39.475 *	57.564 *	24.222 *	66.019 *	24.673 *	23.411 *	13.106 *	63.482 *	29.587 *
13	11.715 *	34.098 *	65.5 *	34.964 *	55.883 *	23.393 *		21.168 *	34.438 *	12.844 *	36.708 *	26.688 *
14	11.239 *	34.142 *	47.279 *	32.176 *	51.033 *	21.36 *	38.009 *	21.168 *	27.894 *	13.919 *	33.831 *	206.198 *
15	10.445 *	37.027 *	43.078 *	66.544 *	48.011 *	20.782 *	29.077 *	19.849 *	22.758 *	13.508 *	33.009 *	108.69 *
16	36.704 *	33.265 *	39.787 *	64.838 *	42.734 *	22.352 *	26.679 *	19.304 *	17.912 *	13.106 *	30.342 *	86.719 *
17	43.848 *	48.767 *	195.112 *	46.219 *	39.155 *	20.974 *	24.44 *	18.948 *	40.892 *	12.844 *		81.561 *
18	54.634 *	92.87 *	108.175 *	39.475 *	36.708 *	25.544 *	22.961 *	18.424 *	30.859 *	12.586 *	45.133 *	74.524 *
19	43.062 *	51.881 *	159.391 *	34.412 *	35.527 *	22.352 *	22.149 *	17.742 *	27.155 *	12.207 *	42.406 *	142.458 *
20	57.564 *	43.427 *	199.927 *		44.431 *	35.187 *	21.36 *	16.757 *	24.01 *	11.959 *	53.391 *	121.665 *
21	49.888 *	44.909 *	121.586 *	38.543 *	54.24 *	26.219 *	22.375 *	29.014 *	20.076 *	14.2 *	112.395 *	106.811 *
22	40.795 *	43.759 *	77.754 *	41.725 *	37.308 *	23.814 *	29.573 *	25.879 *	16.129 *	28.611 *	52.341 *	76.133 *
23	24.782 *	37.616 *	60.661 *	45.491 *	35.53 *	21.36 *	53.937 *	20.035 *	17.912 *	28.345 *	54.197 *	82.115 *
24	18.095 *	47.292 *	50.671 *	42.393 *	32.717 *	19.849 *	43.167 *	18.085 *	31.642 *	19.854 *	50.671 *	70.938 *
25	35.083 *	42.734 *	61.459 *	38.847 *		41.447 *	52.209 *	16.129 *	27.146 *	17.08 *	93.968 *	62.381 *
26	11.356 *	50.671 *	63.325 *	36.115 *	39.491 *	32.229 *	43.453 *	36.98 *	28.305 *	14.207 *	102.809 *	55.018 *
27	63.809 *		51.881 *	49.499 *	35.819 *	26.688 *	32.514 *	89.334 *	28.834 *	21.87 *	68.372 *	50.653 *
28	53.41 *		40.754 *	92.501 *	34.098 *	23.796 *	25.544 *	72.354 *	24.007 *	30.606 *	46.939 *	48.749 *
29	45.146 *		37.916 *	98.878 *	32.987 *	22.961 *	22.558 *	60.62 *	28.793 *	53.562 *	36.842 *	46.921 *
30	35.009 *		35.819 *	51.881 *	31.906 *	21.952 *	20.407 *	38.918 *	21.952 *	34.471 *	30.596 *	43.066 *
31	40.151 *		34.949 *		30.596 *		18.095 *	34.105 *		67.241 *		40.426 *
Caudal Max.	89.09 *		218.669 *			43.742 *		110.864 *	61.001 *	73.481 *		236.759 *
Día	27		17			25		8	17	31		14
Hora	7		18			18		7	18	7		7
Caudal Min.	9.182 *		19.304 *			19.665 *		13.644 *	15.662 *	11.836 *		25.761 *
Día	6		9			24		5	22	20		13
Hora	18		18			18		7	7	18		18
Caudal Medio	26.692	44.565	62.202	52.248	72.294	27.055	37.188	31.744	25.325	19.822	52.161	73.873

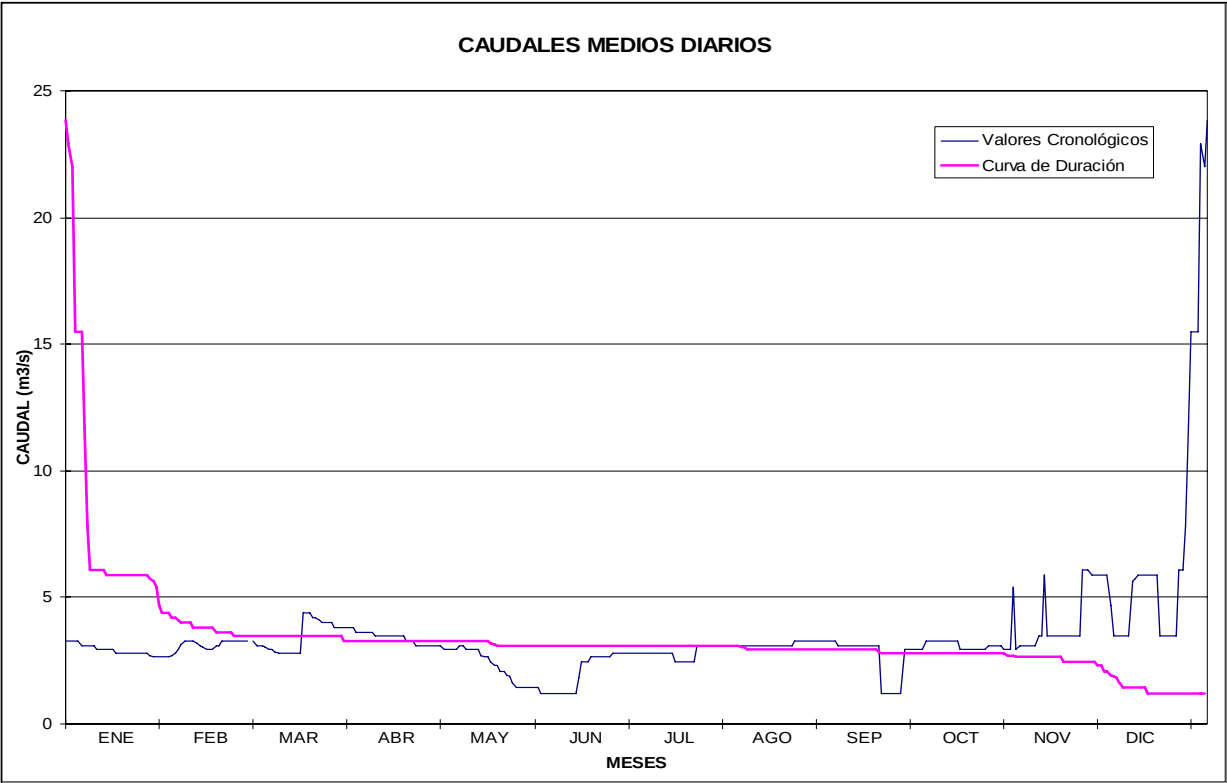
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H574	ARENILLAS EN ARENILLAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	3.279 *	2.634 *	3.279 *	3.809 *	2.948 *	1.228 *	2.789 *	3.111 *	3.279 *	2.948 *	3.111 *	3.451 *
2	3.279 *	2.634 *	3.111 *	3.809 *	2.948 *	1.228 *	2.789 *	3.111 *	3.279 *	3.279 *	3.111 *	3.451 *
3	3.279 *	2.634 *	3.111 *	3.628 *	2.948 *	1.228 *	2.789 *	3.111 *	3.279 *	3.279 *	3.111 *	3.451 *
4	3.279 *	2.711 *	3.111 *	3.628 *	2.948 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	3.111 *	3.451 *
5	3.279 *	2.789 *	3.029 *	3.628 *	2.948 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	3.111 *	3.451 *
6	3.111 *	2.948 *	2.948 *	3.628 *	3.111 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	3.111 *	3.451 *
7	3.111 *	3.113 *	2.948 *	3.628 *	3.111 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	3.451 *	5.642 *
8	3.111 *	3.279 *	2.868 *	3.628 *	2.948 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	3.451 *	5.755 *
9	3.111 *	3.279 *	2.789 *	3.451 *	2.948 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	5.868 *	5.868 *
10	3.111 *	3.279 *	2.789 *	3.451 *	2.948 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	3.451 *	5.868 *
11	2.948 *	3.279 *	2.789 *	3.451 *	2.948 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	3.451 *	5.868 *
12	2.948 *	3.195 *	2.789 *	3.451 *	2.948 *	1.228 *	2.789 *	3.111 *	3.111 *	3.279 *	3.451 *	5.868 *
13	2.948 *	3.111 *	2.789 *	3.451 *	2.711 *	1.856 *	2.789 *	3.111 *	3.111 *	2.948 *	3.451 *	5.868 *
14	2.948 *	3.029 *	2.789 *	3.451 *	2.634 *	2.484 *	2.484 *	3.111 *	3.111 *	2.948 *	3.451 *	5.868 *
15	2.948 *	2.948 *	2.789 *	3.451 *	2.634 *	2.484 *	2.484 *	3.111 *	3.111 *	2.948 *	3.451 *	5.868 *
16	2.948 *	2.948 *	2.789 *	3.451 *	2.484 *	2.484 *	2.484 *	3.111 *	3.111 *	2.948 *	3.451 *	3.451 *
17	2.789 *	2.948 *	4.38 *	3.451 *	2.339 *	2.634 *	2.484 *	3.111 *	3.111 *	2.948 *	3.451 *	3.451 *
18	2.789 *	3.111 *	4.38 *	3.451 *	2.339 *	2.634 *	2.484 *	3.111 *	1.228 *	2.948 *	3.451 *	3.451 *
19	2.789 *	3.111 *	4.38 *	3.279 *	2.061 *	2.634 *	2.484 *	3.111 *	1.228 *	2.948 *	3.451 *	3.451 *
20	2.789 *	3.279 *	4.185 *	3.279 *	2.061 *	2.634 *	2.484 *	3.111 *	1.228 *	2.948 *	3.451 *	3.451 *
21	2.789 *	3.279 *	4.185 *	3.279 *	1.929 *	2.634 *	3.111 *	3.279 *	1.228 *	2.948 *	6.098 *	3.451 *
22	2.789 *	3.279 *	4.09 *	3.111 *	1.865 *	2.634 *	3.111 *	3.279 *	1.228 *	3.111 *	6.098 *	6.098 *
23	2.789 *	3.279 *	3.995 *	3.111 *	1.618 *	2.634 *	3.111 *	3.279 *	1.228 *	3.111 *	6.098 *	6.098 *
24	2.789 *	3.279 *	3.995 *	3.111 *	1.444 *	2.789 *	3.111 *	3.279 *	1.228 *	3.111 *	5.868 *	7.838 *
25	2.789 *	3.279 *	3.995 *	3.111 *	1.444 *	2.789 *	3.111 *	3.279 *	2.948 *	3.111 *	5.868 *	11.66 *
26	2.789 *	3.279 *	3.995 *	3.111 *	1.444 *	2.789 *	3.111 *	3.279 *	2.948 *	3.111 *	5.868 *	15.482 *
27	2.789 *	3.279 *	3.809 *	3.111 *	1.444 *	2.789 *	3.111 *	3.279 *	2.948 *	2.948 *	5.868 *	15.482 *
28	2.711 *	3.279 *	3.809 *	3.111 *	1.444 *	2.789 *	3.111 *	3.279 *	2.948 *	2.948 *	5.868 *	15.482 *
29	2.634 *		3.809 *	3.111 *	1.444 *	2.789 *	3.111 *	3.279 *	2.948 *	2.948 *	5.868 *	22.929 *
30	2.634 *		3.809 *	3.111 *	1.444 *	2.789 *	3.111 *	3.279 *	2.948 *	5.42 *	4.659 *	22.029 *
31	2.634 *		3.809 *		1.444 *		3.111 *	3.279 *		2.948 *		23.848 *
Caudal Max.	3.279 *	3.279 *	4.38 *	3.809 *	3.111 *	2.789 *	3.111 *	3.279 *	3.279 *	5.42 *	6.098 *	23.848 *
Día	1	7	17	1	6	24	21	21	1	30	21	31
Hora	7	17	7	7	7	17	7	7	7	7	7	7
Caudal Min.	2.634 *	2.634 *	2.789 *	3.111 *	1.444 *	1.228 *	2.484 *	3.111 *	1.228 *	2.948 *	3.111 *	3.451 *
Día	28	1	9	22	24	1	14	1	18	1	1	1
Hora	17	7	7	7	7	7	7	7	7	7	7	7
Caudal Medio	2.933	3.089	3.463	3.391	2.32	2.067	2.834	3.171	2.656	3.171	4.252	7.769

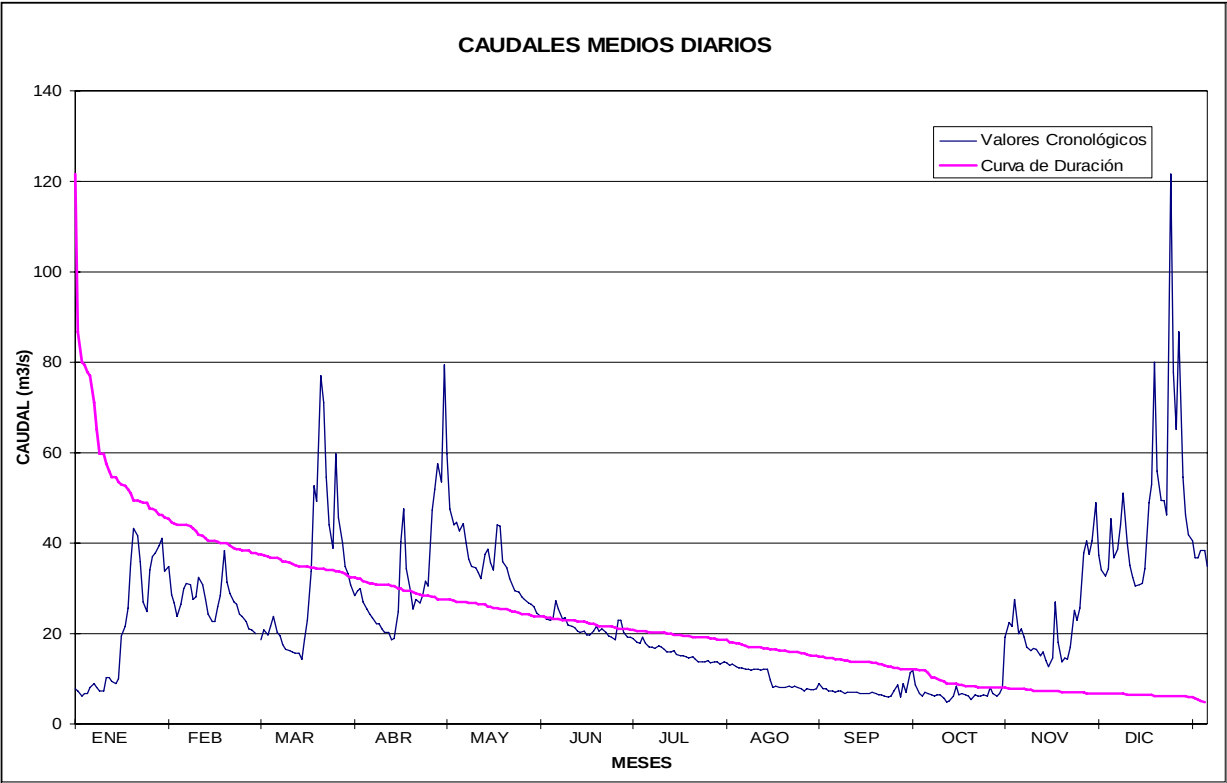
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H587	PINDO AJ AMARILLO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	7.917	28.531	18.53	29.573	47.466	23.195	17.915	12.744	7.204	6.995	21.188	36.794
2	7.386	26.873	20.787	30.021	44.085	23.1	19.158	12.367	6.922	6.805	19.067	38.582
3	6.144	23.71	19.858	26.949	44.645	23.332	17.759	12.316	7.234	6.594	16.899	44.091
4	6.718	26.531	21.584	25.386	42.654	27.419	16.967	12.068	7.412	6.21	16.095	50.998
5	6.878	30.007	23.804	24.269	44.447	25.385	17.119	12.08	6.874	6.489	16.711	40.035
6	8.108	31.077	20.144	23.552	40.107	23.327	16.634	12.012	6.989	6.546	16.386	35.192
7	8.871	30.918	19.418	22.139	36.509	23.625	17.246	12.055	6.903	5.598	15.138	32.322
8	8.193	27.614	17.515	22.15	34.986	21.958	17.036	12.156	7.039	4.998	15.968	30.624
9	7.32	28.047	16.574	21.015	34.519	21.541	16.454	11.937	7.115	5.104	13.979	30.727
10	7.33	32.3	16.113	20.168	33.63	21.231	16.08	12.091	6.869	6.218	12.79	31.157
11	10.243	30.698	15.846	20.163	32.101	20.496	16.048	12.059	6.715	8.275	14.53	34.353
12	10.324	27.638	15.622	18.592	37.497	20.355	16.213	9.713	6.733	6.432	26.997	48.991
13	9.437	24.269	15.636	18.871	38.63	20.454	15.462	8.099	6.664	6.665	18.169	53.097
14	8.986	22.613	14.345	24.756	35.791	19.862	15.21	8.415	6.959	6.409	13.668	80.092
15	10.005	22.613	18.672	40.145	34.09	19.841	15.21	8.236	6.73	6.111	14.652	56.035
16	19.436	25.88	23.097	47.453	44.122	20.407	14.769	8.014	6.422	5.457	14.2	49.513
17	21.561	28.441	33.714	34.312	43.664	21.653	14.479	8.088	6.399	6.524	16.979	49.403
18	25.635	38.362	52.791	29.366	35.94	20.66	14.878	8.289	6.093	6.273	25.26	46.336
19	35.409	31.385	49.174	25.405	34.515	20.95	14.453	8.015	5.939	6.317	23.074	121.546
20	43.153	28.928	77.092	27.453	32.115	20.263	13.774	8.265	6.171	6.552	25.585	77.962
21	41.756	27.125	71.204	26.757	30.818	19.376	13.794	8.018	7.21	6.342	37.784	65.048
22	36.019	26.43	54.716	28.322	29.42	19.279	13.817	7.723	8.645	7.99	40.63	86.712
23	27.159	24.269	44.048	31.635	29.145	18.637	13.935	7.402	6.081	6.788	37.513	54.555
24	24.818	23.896	38.909	30.552	28.023	23.087	13.606	7.838	8.972	6.341	40.625	46.089
25	34.168	22.613	59.831	47.376	27.527	22.879	13.724	7.702	7.145	6.664	48.81	41.806
26	36.977	21.015	45.574	51.994	26.816	20.237	13.663	7.456	11.416	8.093	37.226	40.465
27	37.964	20.893	40.135	57.604	26.487	19.158	13.363	7.707	11.811	19.159	34.164	36.8
28	39.386	19.909	34.758	53.496	26.05	19.096	13.655	8.921	8.657	22.415	32.834	36.661
29	41.033		33.286	79.332	24.504	18.976	13.383	7.867	6.69	21.515	34.354	38.354
30	33.708		30.842	59.802	23.71	17.996	13.064	7.894	6.211	27.486	45.386	38.503
31	34.806		28.3		23.936		13.28	7.177		20.046		34.983
Caudal Max.	67.788	63.175	86.8	210.17	130.561	44.808	20.495	13.483	25.983	82.603	116.621	235.154
Día	16	17	20	29	16	24	2	1	26	29	21	22
Hora	20.3	23	0.5	18.3	19.1	19.2	4.3	7.4	18.1	21.2	21.3	0.2
Caudal Min.	5.845	19.476	14.334	17.995	23.158	17.995	12.659	6.701	5.572	4.794	11.86	26.568
Día	5	28	15	13	31	30	30	23	23	8	11	10
Hora	14	20.3	16.1	18.5	22.3	12	23.4	21.4	17.1	22.5	8.2	18.3
Caudal Medio	21.189	26.878	31.997	33.287	34.45	21.259	15.231	9.507	7.274	9.013	24.889	48.64

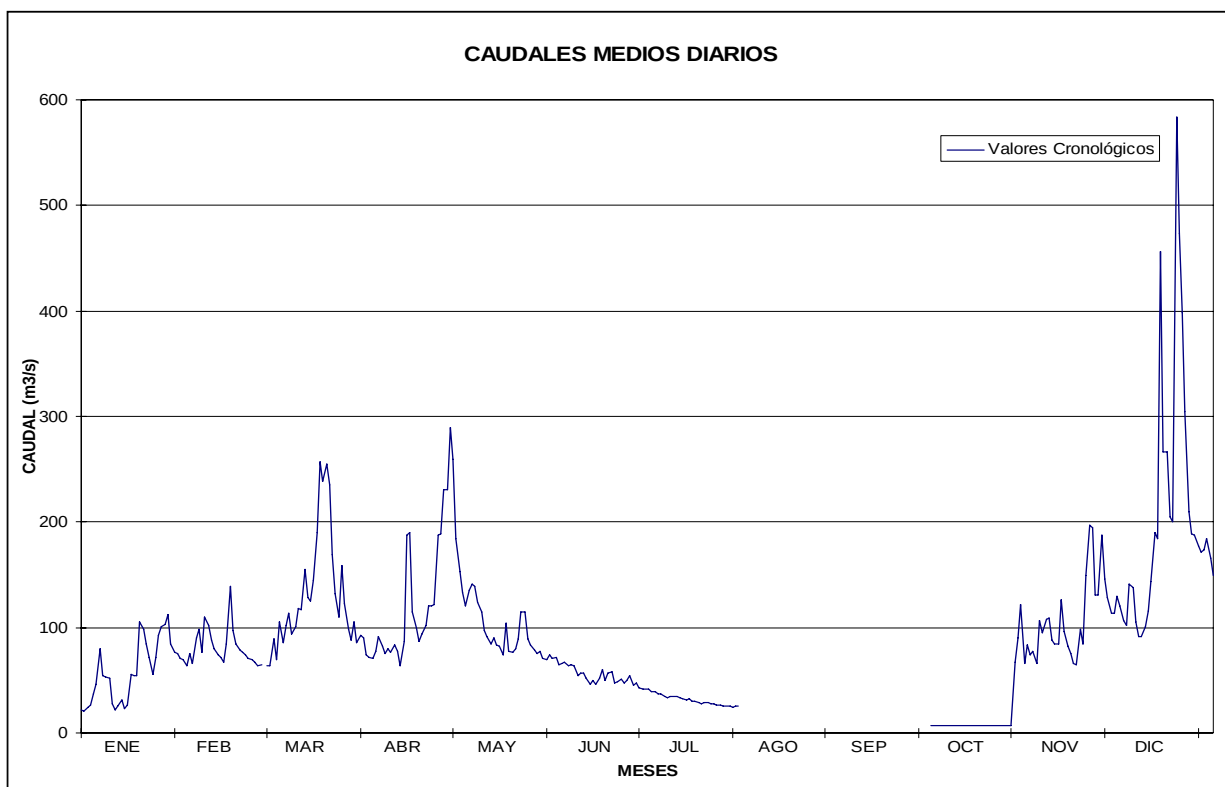
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H591	PUYANGO EN CPTO.MILITAR (PTE.CARRETERA)											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	22.306	74.897	63.663	90.308	183.951	70.195	41.386 *			7.192 *	83.138	120.623 *
2	20.454	70.237	63.909	74.167	152.592	71.415	42.103 *			7.192 *	73.594	106.357 *
3	23.95	69.237	89.47	71.992	133.355	64.707	38.938 *			7.192 *	77.381	101.828 *
4	26.088	64.192	69.25	70.99	120.326	66.547	38.938 *			7.192 *	66.136	141.603 *
5	36.897	75.812	105.782	77.818	134.962	66.766	37.582 *			7.192 *	106.23	137.515 *
6	46.693	66.08	85.805	91.673	141.619	63.243	36.916 *			7.192 *	94.525	105.671 *
7	79.821	90.544	101.836	82.662	138.453	64.934	35.286 *			7.192 *	107.726	92.072 *
8	53.888	98.261	113.693	75.275	123.879	63.404	33.118 *			7.192 *	109.143	91.479 *
9	53.259	76.126	94.001	79.616	114.177	54.787	35.286 *			7.192 *	88.491	101.3 *
10	51.823	109.797	100.357	76.362	97.857	56.996	34.962 *			7.192 *	84.499	116.329 *
11	28.021	101.792	118.248	83.508	91.591	56.647	34.325 *			7.192 *	84.749	143.563 *
12	21.565	88.115	116.809	77.31	84.2	52.261	33.696 *			7.192 *	126.435	189.833 *
13	25.316	79.85	155.039	63.866	90.814	46.032	32.769 *			7.192 *	96.353	184.491 *
14	30.856	74.39	129.065	87.378	82.871	49.711 *	31.551 *			7.192 *	82.505	456.118 *
15	23.109	72.034	125.286	188.152	82.241	46.565 *	32.187 *			7.192 *	75.248	266.938 *
16	26.856	67.611	144.897	189.685	74.031	52.465 *	30.66 *			7.192 *	66.4	266.078 *
17	55.36	84.855	190.172	114.372	103.854	60.521 *	29.787 *			7.192 *	64.575	204.976 *
18	54.355	139.185	256.585	100.185	77.256	49.305 *	28.924 *			7.192 *	98.616	200.099 *
19	54.87	97.547	238.403	86.861	75.882	56.373 *	28.36 *			7.192 *	84.319	583.991 *
20	105.093	84.991	255.044	94.108	80.134	57.717 *	28.924 *			7.192 *	149.141	473.763 *
21	98.096	78.863	234.706	101.907	88.771	47.332 *	28.641 *			7.192 *	197.164	398.364 *
22	84.983	76.973	169.141	120.641	114.608	48.514 *	27.803 *			7.192 *	194.699	304.706 *
23	71.367	74.256	131.602	120.444	114.697	50.515 *	27.526 *			7.192 *	130.38	210.05 *
24	55.382	70.75	110.537	121.944	89.607	47.067 *	26.709 *			7.192 *	130.556	188.748 *
25	72.013	69.139	158.755	187.91	83.737	50.178 *	26.173 *			7.192 *	187.94	187.832 *
26	92.763	67.002	123.041	189.237	79.099	53.9 *	25.643 *			7.192 *	145.933	177.792 *
27	100.909	63.769	98.937	230.125	74.953	45.419 *	25.12 *			7.192 *	128.903	171.74 *
28	102.868	65.355	87.519	230.082	78.011	47.336 *	25.906 *			66.651	113.42	174.3 *
29	112.367		105.39	289.801	70.08	43.189 *	24.861 *			90.732	112.994 *	184.526 *
30	84.733		86.07	259.504	69.391	42.099 *	25.12 *			121.281	129.362 *	165.513 *
31	76.726		93.032		74.101		25.12 *			65.758		148.945 *
Caudal Max.	134.961	172.446	287.08	330.224	185.027	76.452 *	42.823 *			170.694	249.902	634.757 *
Día	29	18	18	29	1	4	2			30	22	14
Hora	2.4	6.2	13.2	17.4	11.5	7	17			3.4	2.4	7
Caudal Min.	19.146	58.105	61.705	61.705	67.365	42.099	24.861 *			52.131	56.357 *	90.891 *
Día	2	4	1	13	30	13	27			31	16	8
Hora	9.1	22	0.4	23.2	0.5	23	7			23.3	7	7
Caudal Medio	57.832	80.416	129.55	124.263	100.681	54.871	31.43			17.375	109.685	206.359

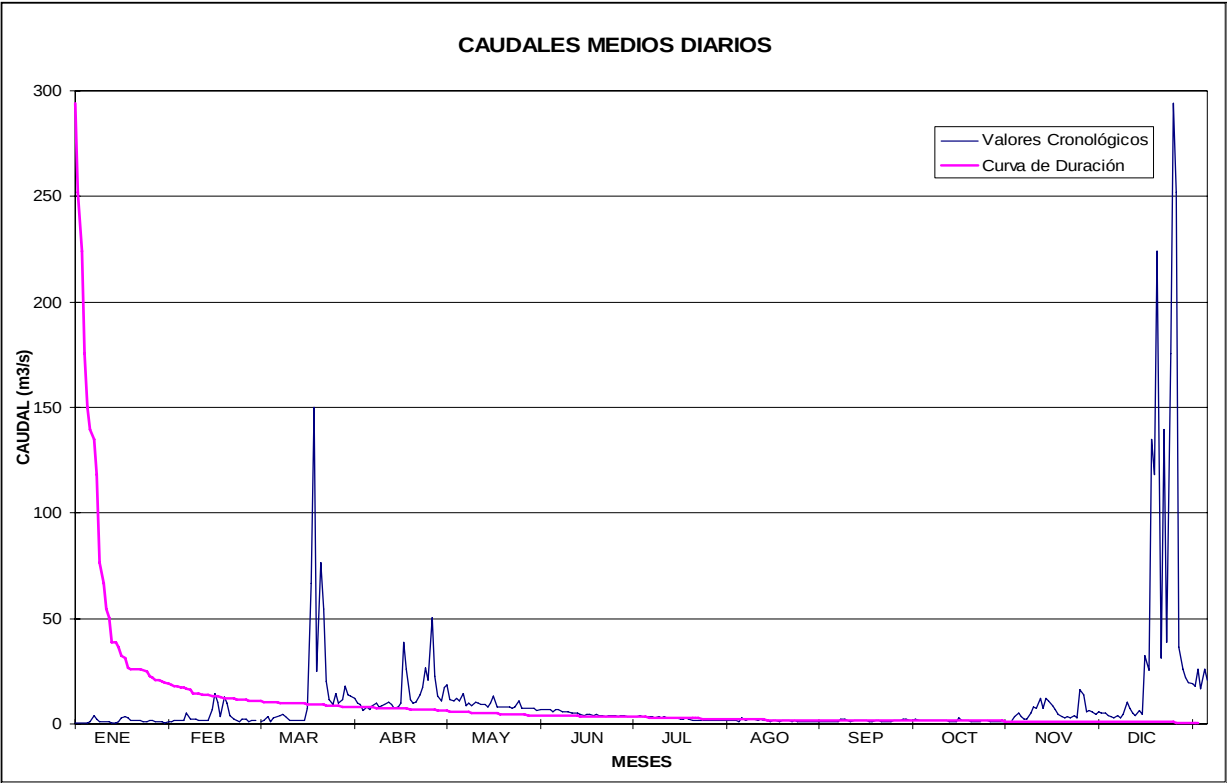
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H616	ALAMOR EN SAUCILLO(DJ CELICA)											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.77	1.199	1.253	9.721	11.611	6.753	3.859	1.749	1.031 *	1.795 *	3.405	3.082
2	0.77	1.594	1.71	9.14	10.941	6.948	3.387	1.326	1.075 *	1.729 *	2.575	3.96
3	0.667	1.642	3.591	6.407	12.137	5.809	3.359	2.652	1.119 *	1.662 *	2.496	2.965
4	0.587	1.525	1.331	8.067	11.25	6.692	3.227	1.638	2.086 *	1.662 *	5.284	4.689
5	0.61	1.456	2.746	6.789	14.268	6.708	3.26	2.179	2.086 *	1.601 *	7.978	10.323
6	1.068	5.145	3.44	8.536	8.435	5.64	3.153	2.034	1.865 *	1.481 *	7.808	7.575
7	3.836	2.488	4.252	9.837	9.775	6.016	3.246	2.178	1.423 *	1.539 *	12.104	5.063
8	2.204	2.523	4.529	8.088	8.943	5.932	2.833	1.809	1.662 *	1.539 *	7.411	4.253
9	1.226	2.343	3.711	8.72	10.185	5.355	3.329	2.089	1.601 *	1.423 *	12.175	6.149
10	1.328	1.906	1.818	9.19	9.621	4.992	2.967	1.799	1.601 *	1.423 *	10.882	4.408
11	0.891	1.614	1.626	10.563	9.104	4.997	2.892	1.828	1.662 *	1.423 *	8.915	32.416
12	0.877	1.847	1.929	9.419	9.377	4.419	2.716	1.303	1.481 *	2.794 *	6.662	25.29
13	0.539	1.725	1.524	7.24	8.092	4.238	2.984	1.468	1.423 *	1.601 *	4.844	134.735
14	0.629	6.788	1.583	8.111	10.087	4.918	2.563	1.606	1.423 *	1.481 *	3.65	117.922
15	0.951	14.674	1.924	9.789	13.293	4.581	2.369	1.443	1.481 *	1.893 *	3	224.112
16	2.856	10.652	7.484	38.525	8.018	4.131	2.726	1.512	1.481 *	1.423 *	3.533	31.439
17	3.63	3.706	66.383	26.229	8.393	4.749	2.228	1.509	1.423 *	1.423 *	3.086	139.574
18	2.609	12.849	150.144	11.845	7.989	4.225	1.502	1.679	1.423 *	1.315 *	3.92	38.666
19	1.779	9.874	24.802	9.782	7.873	3.917	1.786	1.277	1.423 *	1.315 *	3.119	175.287
20	2.002	4.253	76.668	10.384	7.947	3.5	1.667	1.702	1.423 *		16.172	294.041
21	1.601	2.296	54.301	14.094	7.586	3.821	1.68	1.264 *	1.481 *	1.662 *	14.07	252.121
22	1.985	1.694	20.179	17.626	8.214	4.326	1.696	1.214 *	1.539 *	1.315 *	5.522	36.325
23	1.338	1.425	11.537	26.67	10.803	4.303	1.504	1.214 *	1.539 *	1.214 *	6.157	25.858
24	0.915	2.319	9.142	20.764	7.513	3.447	1.495	1.119 *	2.577 *	1.214 *	5.964	22.246
25	1.966	2.115	14.394	50.521	7.619	4.028	1.532	1.119 *	2.6 *	1.214 *	4.844	19.62
26	1.838	1.373	9.998	22.339	7.787	3.832	1.646	1.119 *	1.662 *	1.166 *	5.57	19.282
27	1.125	1.709	11.801	13.294	7.586	3.599	1.791	1.075 *	1.795 *	1.264 *	5.277	18.036
28	0.961	1.588	18.196	11.167	7.416	3.377	1.574	1.031 *	2.418 *		4.951	26.226
29	1.328		13.999	17.106	6.549	3.637	1.705	1.031 *	1.795 *	1.969	3.96	16.927
30	0.794		13.491	18.309	6.954	3.615	1.802	1.031 *	1.662 *	3.268	3.392	25.899
31	1.234		11.989		6.67		1.789	1.031 *		5.142		20.984
Caudal Max.	6.692	19.769	438.194	171.67	23.558	7.586	4.238	3.96	3.219 *		24.921	801.551
Día	7	18	18	25	14	2	16	3	24		20	15
Hora	14.4	10.5	7	1.3	22.5	13.5	7.2	3.3	7		4.2	3.2
Caudal Min.	0.391	0.675	0.949	3.219	5.522	2.794	1.214	0.873	1.031 *		2.247	2.418
Día	13	11	4	15	30	27	22	12	1		2	3
Hora	15.4	18.5	10.3	4.1	22.2	11.4	22.1	5.3	6		16.1	19.3
Caudal Medio	1.449	3.726	17.79	14.609	9.098	4.75	2.396	1.517	1.642	1.722	6.291	56.435

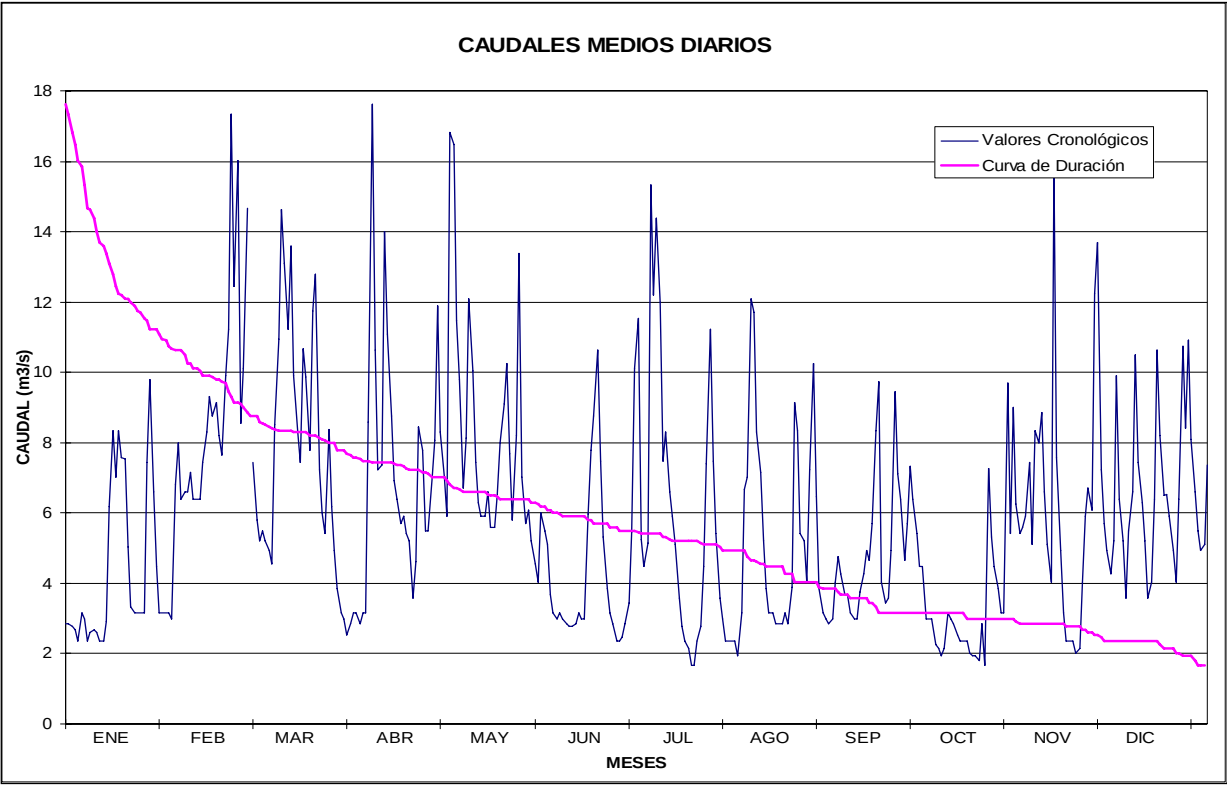
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H621	JORUPE EN AMALUZA											PREDESUR
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	2.843 *	3.166 *	7.451 *	2.843 *	7.028 *	5.997 *	10.128 *	2.38 *	2.843 *	4.474 *	5.413 *	5.217 *
2	2.843 *	3.166 *	5.805 *	3.166 *	5.897 *	5.504 *	11.543 *	2.38 *	3.005 *	3.005 *	5.604 *	9.918 *
3	2.765 *	3.166 *	5.217 *	3.166 *	16.816 *	5.12 *	5.26 *	1.944 *	4.018 *	3.005 *	5.907 *	6.407 *
4	2.686 *	3.005 *	5.504 *	2.843 *	16.469 *	3.681 *	4.474 *	3.166 *	4.744 *	3.005 *	7.451 *	5.217 *
5	2.38 *	6.825 *	5.214 *	3.166 *	11.482 *	3.166 *	5.158 *	6.678 *	4.288 *	2.256 *	5.12 *	3.592 *
6	3.166 *	7.989 *	4.93 *	3.166 *	9.813 *	3.005 *	15.321 *	7.028 *	3.669 *	2.162 *	8.327 *	5.504 *
7	3.005 *	6.401 *	4.558 *	8.589 *	6.71 *	3.166 *	12.202 *	12.083 *	3.669 *	1.944 *	7.989 *	6.608 *
8	2.38 *	6.608 *	8.518 *	17.635 *	8.147 *	3.005 *	14.378 *	11.72 *	3.166 *	2.162 *	8.875 *	10.498 *
9	2.612 *	6.608 *	10.947 *	10.627 *	12.083 *	2.843 *	11.974 *	8.318 *	3.005 *	3.166 *	6.608 *	7.451 *
10	2.688 *	7.142 *	14.644 *	7.235 *	10.039 *	2.765 *	7.465 *	7.142 *	3.005 *	3.005 *	5.12 *	6.299 *
11	2.612 *	6.401 *	13.093 *	7.354 *	7.451 *	2.765 *	8.317 *	5.217 *	3.758 *	2.843 *	4.018 *	5.217 *
12	2.38 *	6.407 *	11.231 *	13.991 *	6.3 *	2.843 *	6.608 *	3.862 *	4.288 *	2.533 *	15.832 *	3.592 *
13	2.38 *	6.401 *	13.598 *	11.099 *	5.897 *	3.166 *	5.897 *	3.166 *	4.93 *	2.38 *	7.561 *	4.018 *
14	2.926 *	7.451 *	9.918 *	8.764 *	5.897 *	3.005 *	5.12 *	3.166 *	4.652 *	2.38 *	4.934 *	6.401 *
15	6.2 *	8.318 *	8.318 *	6.917 *	6.608 *	3.005 *	3.592 *	2.843 *	5.7 *	2.38 *	3.166 *	10.618 *
16	8.327 *	9.33 *	7.451 *	6.401 *	5.604 *	5.963 *	2.773 *	2.843 *	8.327 *	2.015 *	2.38 *	8.205 *
17	7.028 *	8.773 *	10.652 *	5.7 *	5.604 *	7.769 *	2.38 *	2.843 *	9.724 *	1.944 *	2.38 *	6.507 *
18	8.327 *	9.123 *	9.877 *	5.901 *	6.507 *	8.764 *	2.162 *	3.166 *	4.028 *	1.944 *	2.38 *	6.528 *
19	7.561 *	8.206 *	7.769 *	5.413 *	7.989 *	10.627 *	1.668 *	2.843 *	3.43 *	1.806 *	2.024 *	5.923 *
20	7.553 *	7.662 *	11.736 *	5.217 *	9.101 *	7.465 *	1.668 *	3.886 *	3.592 *	2.843 *	2.162 *	4.93 *
21	5.031 *	9.91 *	12.782 *	3.592 *	10.264 *	5.314 *	2.38 *	9.123 *	4.93 *	1.668 *	4.048 *	4.018 *
22	3.332 *	11.219 *	7.235 *	4.632 *	7.672 *	3.862 *	2.773 *	8.354 *	9.455 *	7.273 *	5.923 *	6.401 *
23	3.166 *	17.353 *	5.997 *	8.43 *	5.805 *	3.166 *	4.474 *	5.413 *	7.131 *	5.31 *	6.71 *	10.736 *
24	3.166 *	12.453 *	5.407 *	7.783 *	8.206 *	2.843 *	7.409 *	5.217 *	6.407 *	4.474 *	6.098 *	8.426 *
25	3.166 *	16.016 *	8.386 *	5.504 *	13.382 *	2.38 *	11.219 *	4.018 *	4.65 *	3.843 *	12.222 *	10.902 *
26	3.166 *	8.543 *	6.2 *	5.504 *	7.028 *	2.38 *	7.465 *	7.235 *	5.7 *	3.166 *	13.697 *	8.101 *
27	7.451 *	10.128 *	4.934 *	7.028 *	5.7 *	2.456 *	5.413 *	10.26 *	7.347 *	3.166 *	7.244 *	6.608 *
28	9.81 *	14.681 *	3.862 *	8.045 *	6.098 *	2.843 *	3.592 *	6.458 *	6.407 *	9.681 *	5.7 *	5.504 *
29	6.608 *		3.166 *	11.888 *	5.217 *	3.43 *	3.005 *	3.862 *	5.413 *	5.413 *	4.93 *	4.93 *
30	4.474 *		3.005 *	8.318 *	4.558 *	5.467 *	2.38 *	3.166 *	4.474 *	9.007 *	4.288 *	5.12 *
31	3.166 *		2.532 *		4.018 *		2.38 *	3.005 *		6.241 *		7.354 *
Caudal Max.	12.704 *	18.047 *	15.303 *	18.613 *	20.928 *	11.462 *	16.658 *	12.704 *	11.462 *	12.704 *	20.928 *	12.704 *
Día	28	25	10	8	3	19	6	7	17	30	12	25
Hora	17	7	7	7	7	7	7	7	7	17	7	17
Caudal Min.	2.38 *	2.843 *	2.532 *	2.843 *	4.018 *	2.38 *	1.668 *	1.944 *	2.843 *	1.668 *	1.668 *	3.166 *
Día	5	4	31	1	31	25	20	3	1	19	19	12
Hora	7	7	17	17	17	17	17	7	7	17	7	17
Caudal Medio	4.361	8.302	7.74	6.997	8.045	4.259	6.148	5.251	4.992	3.564	6.137	6.669

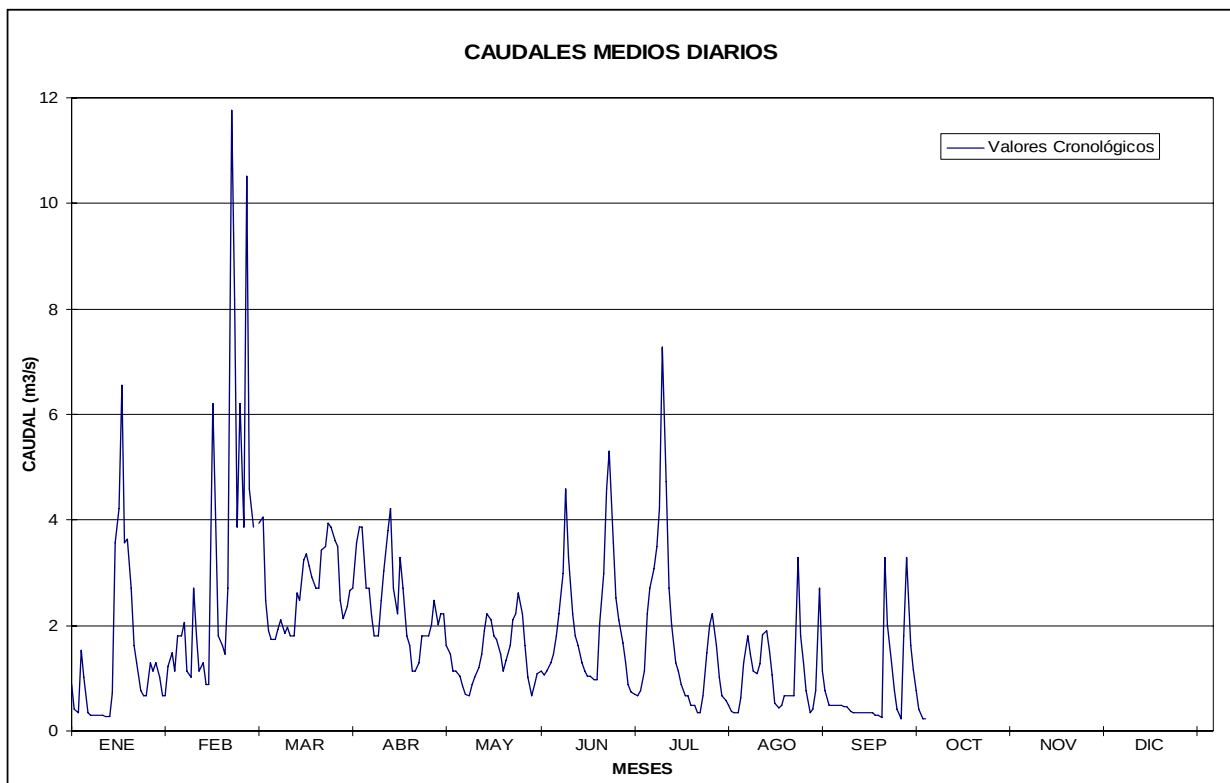
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H627		UCHIMA AJ CHAMBA										INAMHI	
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	0.88 *	1.237 *	3.93 *	3.558 *	1.451 *	1.142 *	0.772 *	0.343 *	0.485 *			
	2	0.414 *	1.477 *	4.063 *	3.864 *	1.142 *	1.296 *	1.142 *	0.615 *	0.485 *			
	3	0.343 *	1.142 *	2.469 *	3.864 *	1.142 *	1.451 *	2.23 *	1.296 *	0.485 *			
	4	1.525 *	1.812 *	1.892 *	2.708 *	1.032 *	1.812 *	2.708 *	1.812 *	0.469 *			
	5	1.011 *	1.812 *	1.736 *	2.708 *	0.857 *	2.23 *	3.084 *	1.451 *	0.469 *			
	6	0.343 *	2.06 *	1.736 *	2.186 *	0.704 *	2.98 *	3.494 *	1.142 *	0.369 *			
	7	0.295 *	1.142 *	1.931 *	1.812 *	0.663 *	4.59 *	4.208 *	1.087 *	0.343 *			
	8	0.295 *	1.011 *	2.101 *	1.812 *	0.88 *	3.286 *	7.279 *	1.275 *	0.343 *			
	9	0.295 *	2.708 *	1.851 *	2.469 *	1.011 *	2.23 *	4.723 *	1.84 *	0.343 *			
	10	0.295 *	1.812 *	1.972 *	3.031 *	1.2 *	1.812 *	2.708 *	1.892 *	0.343 *			
	11	0.295 *	1.142 *	1.812 *	3.8 *	1.451 *	1.631 *	2.021 *	1.502 *	0.343 *			
	12	0.284 *	1.296 *	1.812 *	4.208 *	1.892 *	1.296 *	1.296 *	1.057 *	0.343 *			
	13	0.273 *	0.88 *	2.609 *	2.708 *	2.23 *	1.142 *	1.142 *	0.529 *	0.343 *			
	14	0.707 *	0.88 *	2.469 *	2.23 *	2.101 *	1.032 *	0.88 *	0.44 *	0.295 *			
	15	3.564 *	6.206 *	3.253 *	3.286 *	1.812 *	1.032 *	0.663 *	0.485 *	0.295 *			
	16	4.208 *	4.208 *	3.368 *	2.708 *	1.736 *	0.98 *	0.663 *	0.663 *	0.252 *			
	17	6.554 *	1.812 *	3.137 *	1.812 *	1.451 *	0.98 *	0.485 *	0.663 *	3.286 *			
	18	3.558 *	1.631 *	2.917 *	1.631 *	1.142 *	2.021 *	0.485 *	0.663 *	2.021 *			
	19	3.63 *	1.451 *	2.708 *	1.142 *	1.355 *	2.98 *	0.343 *	0.663 *	1.296 *			
	20	2.708 *	2.708 *	2.708 *	1.142 *	1.631 *	4.59 *	0.343 *	3.286 *	0.772 *			
	21	1.631 *	11.774 *	3.431 *	1.296 *	2.101 *	5.316 *	0.666 *	1.812 *	0.414 *			
	22	1.296 *	8.17 *	3.49 *	1.812 *	2.23 *	3.558 *	1.477 *	1.296 *	0.232 *			
	23	0.772 *	3.864 *	3.93 *	1.812 *	2.609 *	2.514 *	2.021 *	0.772 *	1.812 *			
	24	0.663 *	6.206 *	3.864 *	1.812 *	2.23 *	2.101 *	2.23 *	0.343 *	3.286 *			
	25	0.663 *	3.864 *	3.611 *	2.021 *	1.631 *	1.661 *	1.631 *	0.414 *	1.631 *			
	26	1.296 *	10.517 *	3.49 *	2.469 *	1.011 *	1.33 *	1.011 *	0.772 *	1.165 *			
	27	1.142 *	4.59 *	2.469 *	2.021 *	0.663 *	0.88 *	0.663 *	2.708 *	0.772 *			
	28	1.296 *	3.864 *	2.141 *	2.23 *	0.88 *	0.745 *	0.587 *	1.142 *	0.414 *			
	29	1.011 *		2.369 *	2.23 *	1.087 *	0.704 *	0.486 *	0.772 *	0.232 *			
	30	0.663 *		2.658 *	1.631 *	1.142 *	0.663 *	0.369 *	0.485 *	0.232 *			
	31	0.663 *		2.708 *		1.059 *		0.343 *	0.485 *				
Caudal Max.		9.243 *	18.233 *	4.13 *	4.551 *	2.708 *	5.316 *	9.243 *	3.864 *	3.864 *			
Día	17	21	2	12	23	7	8	20	17				
Hora	17	17	17	17	17	18	18	18	17				
Caudal Min.		0.272 *	0.663 *	1.661 *	1.141 *	0.663 *	0.663 *	0.343 *	0.343 *	0.232 *			
Día	12	1	5	19	7	30	19	1	29				
Hora	18	8	17	8	8	7	7	8	18				
Caudal Medio		1.373	3.26	2.73	2.4	1.404	1.999	1.682	1.087	0.786			

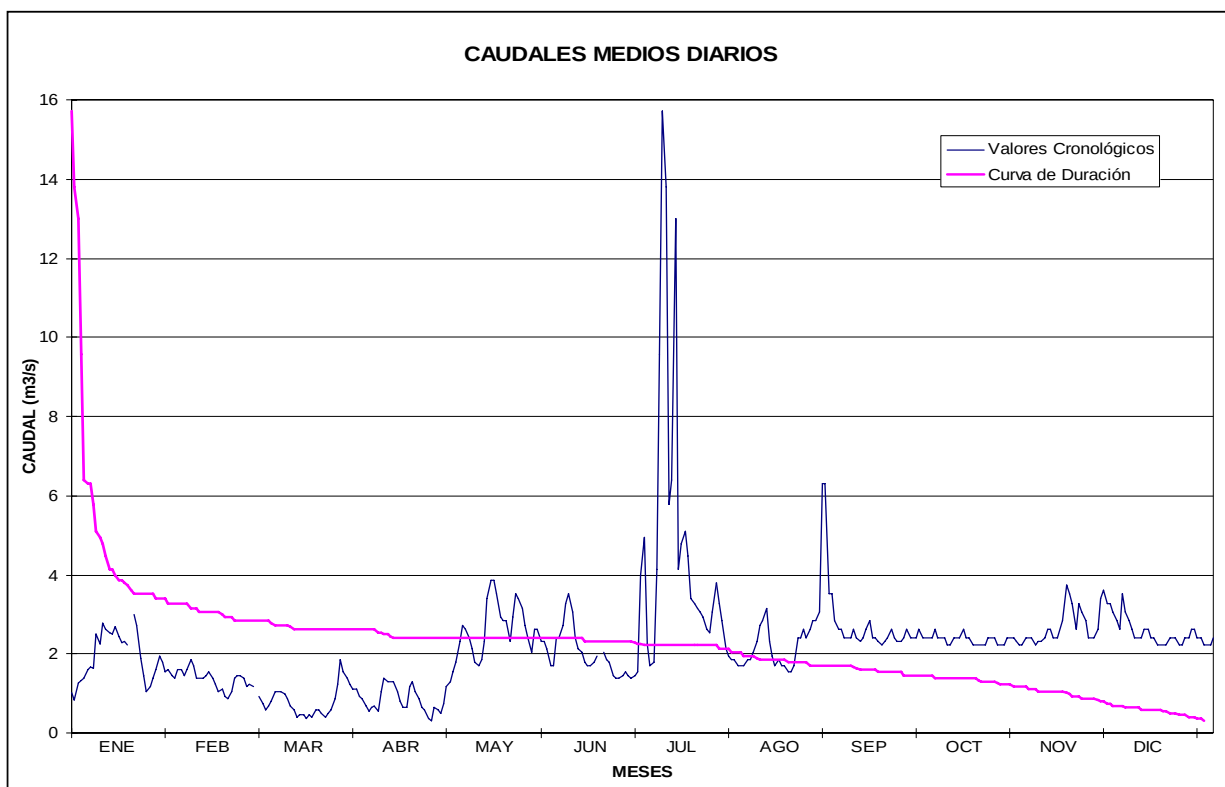
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H722	YANAHURCO DJ VALLE											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	1.008	1.613 *	0.913 *	1.101 *	1.309 *	2.131 *	3.999 *	1.694 *	2.828 *	2.417 *	2.417 *	2.618 *
2	0.825	1.457 *	0.741 *	0.913 *	1.533 *	1.698 *	4.951 *	1.694 *	2.618 *	2.417 *	2.417 *	3.506 *
3	1.268	1.381 *	0.589 *	0.853 *	1.778 *	1.694 *	2.261 *	1.694 *	2.618 *	2.618 *	2.417 *	3.046 *
4	1.342	1.613 *	0.689 *	0.689 *	2.321 *	2.421 *	1.694 *	1.862 *	2.417 *	2.417 *	2.224 *	2.828 *
5	1.38	1.613 *	0.797 *	0.545 *	2.723 *	2.417 *	1.778 *	1.862 *	2.417 *	2.417 *	2.32 *	2.618 *
6	1.612	1.457 *	1.037 *	0.637 *	2.623 *	2.723 *	4.137 *	2.039 *	2.417 *	2.417 *	2.32 *	2.417 *
7	1.678	1.613 *	1.037 *	0.689 *	2.417 *	3.272 *	9.577 *	2.321 *	2.618 *	2.224 *	2.417 *	2.417 *
8	1.636	1.862 *	1.037 *	0.541 *	2.131 *	3.51 *	15.723 *	2.723 *	2.417 *	2.224 *	2.618 *	2.417 *
9	2.499	1.698 *	0.977 *	1.045 *	1.778 *	3.05 *	13.819 *	2.828 *	2.32 *	2.417 *	2.618 *	2.618 *
10	2.241	1.381 *	0.853 *	1.381 *	1.694 *	2.417 *	5.762 *	3.159 *	2.417 *	2.417 *	2.417 *	2.618 *
11	2.772	1.381 *	0.689 *	1.309 *	1.862 *	2.131 *	6.392 *	2.321 *	2.618 *	2.417 *	2.417 *	2.417 *
12	2.618	1.381 *	0.589 *	1.309 *	2.321 *	2.039 *	13.003 *	1.959 *	2.828 *	2.618 *	2.618 *	2.417 *
13	2.547	1.457 *	0.413 *	1.309 *	3.389 *	1.778 *	4.129 *	1.694 *	2.417 *	2.417 *	2.828 *	2.224 *
14	2.493	1.533 *	0.457 *	1.037 *	3.874 *	1.698 *	4.802 *	1.862 *	2.417 *	2.417 *	3.749 *	2.224 *
15	2.677	1.381 *	0.453 *	0.797 *	3.874 *	1.694 *	5.086 *	1.694 *	2.32 *	2.224 *	3.506 *	2.224 *
16	2.453	1.241 *	0.373 *	0.637 *	3.506 *	1.778 *	4.465 *	1.694 *	2.224 *	2.224 *	3.272 *	2.224 *
17	2.293	1.037 *	0.453 *	0.637 *	2.937 *	1.951 *	3.389 *	1.533 *	2.32 *	2.224 *	2.618 *	2.417 *
18	2.326	1.101 *	0.413 *	1.177 *	2.828 *		3.272 *	1.533 *	2.417 *	2.224 *	3.272 *	2.417 *
19	2.228 *	0.913 *	0.589 *	1.309 *	2.832 *	2.039 *	3.159 *	1.694 *	2.618 *	2.224 *	3.046 *	2.417 *
20		0.853 *	0.589 *	1.037 *	2.321 *	1.862 *	3.046 *	2.417 *	2.417 *	2.417 *	2.828 *	2.224 *
21	2.991 *	1.037 *	0.497 *	0.857 *	2.945 *	1.778 *	2.937 *	2.417 *	2.32 *	2.417 *	2.417 *	2.224 *
22	2.723 *	1.381 *	0.413 *	0.637 *	3.506 *	1.457 *	2.618 *	2.618 *	2.32 *	2.417 *	2.417 *	2.417 *
23	1.879 *	1.457 *	0.497 *	0.589 *	3.389 *	1.381 *	2.518 *	2.417 *	2.417 *	2.224 *	2.417 *	2.417 *
24	1.457 *	1.457 *	0.589 *	0.373 *	3.159 *	1.381 *	3.05 *	2.618 *	2.618 *	2.224 *	2.618 *	2.618 *
25	1.045 *	1.381 *	0.853 *	0.301 *	2.723 *	1.457 *	3.786 *	2.828 *	2.417 *	2.224 *	3.389 *	2.618 *
26	1.169 *	1.169 *	1.241 *	0.641 *	2.421 *	1.533 *	3.276 *	2.828 *	2.417 *	2.417 *	3.627 *	2.417 *
27	1.381 *	1.237 *	1.862 *	0.589 *	2.039 *	1.457 *	2.828 *	3.046 *	2.417 *	2.417 *	3.272 *	2.417 *
28	1.613 *	1.169 *	1.533 *	0.497 *	2.623 *	1.381 *	2.131 *	6.305 *	2.618 *	2.417 *	3.272 *	2.224 *
29	1.951 *		1.381 *	0.745 *	2.618 *	1.457 *	1.951 *	6.305 *	2.417 *	2.32 *	3.046 *	2.224 *
30	1.778 *		1.237 *	1.169 *	2.321 *	1.533 *	1.862 *	3.506 *	2.417 *	2.224 *	2.828 *	2.224 *
31	1.533 *		1.101 *		2.321 *		1.862 *	3.506 *		2.224 *		2.417 *
Caudal Max.		1.862 *	1.862 *	1.381 *	3.999 *		17.513 *	6.305 *	2.828 *	2.618 *	3.749 *	3.506 *
Día		8	27	10	14		8	28	1	3	14	2
Hora		6	6	6	6		18	6	6	6	6	6
Caudal Min.		0.853 *	0.373 *	0.301 *	1.237 *		1.694 *	1.533 *	2.224 *	2.224 *	2.224 *	2.224 *
Día		19	13	25	1		1	17	16	16	4	13
Hora		18	6	6	6		6	18	18	18	18	18
Caudal Medio	1.914	1.366	0.803	0.845	2.584	1.97	4.621	2.538	2.469	2.352	2.788	2.469

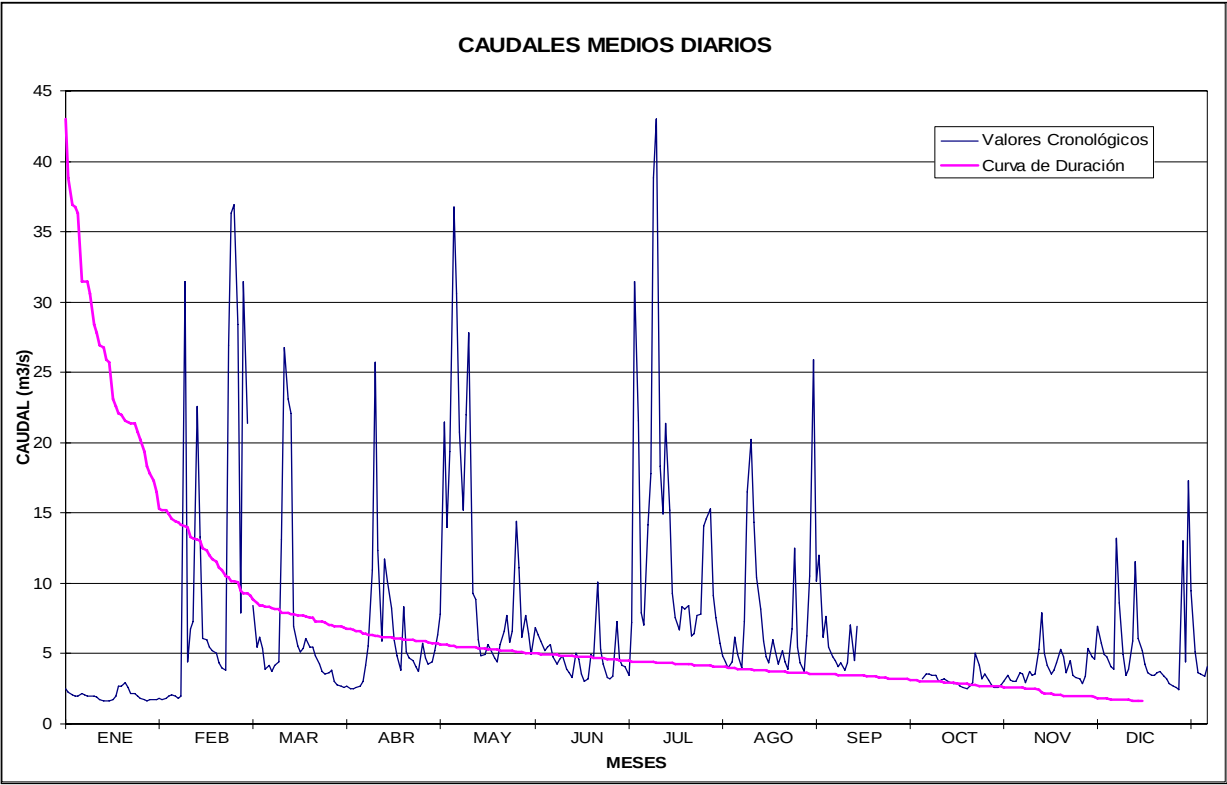
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H787	ALAO EN HDA.ALAO											INAMHI	
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	2.483 *	1.731 *	8.44 *	2.553 *	21.466 *	5.893 *	31.483	4.448	5.433	3.196 *	3.657 *	3.927 *
	2	2.28 *	1.788 *	5.434 *	2.553 *	13.986 *	5.217 *	21.558	6.151	4.742	3.572 *	3.592 *	13.227 *
	3	2.087 *	1.994 *	6.138 *	2.588 *	19.406 *	5.49 *	7.89	4.91	4.491	3.57 *	2.92 *	8.584 *
	4	2.025 *	2.056 *	5.379 *	2.696 *	36.745 *	5.658 *	6.995	4.016	4.1	3.442 *	3.744 *	4.97 *
	5	1.964 *	2.025 *	3.879 *	3.075 *	30.57 *	4.771	14.132	7.312	4.344	3.443 *	3.442 *	3.484 *
	6	2.15 *	1.788 *	4.209 *	4.209 *	20.761 *	4.287	17.832	16.48	3.819	3.036 *	3.57 *	3.947 *
	7	2.087 *	1.973 *	3.744 *	5.603 *	15.241 *	4.619	38.803	20.274	4.387	3.116 *	5.301 *	5.888 *
	8	1.994 *	31.48 *	4.156 *	10.979 *	21.974 *	4.88	43.024	14.316	7.016	3.238 *	7.935 *	11.573 *
	9	1.994 *	4.396 *	4.395 *	25.715 *	27.813 *	3.868	18.361	10.42	4.481	2.998 *	5.004 *	6.122 *
	10	2.025 *	6.734 *	13.091 *	12.316 *	9.266 *	3.608	14.899	8.192	6.942	2.92 *	4.209 *	5.222 *
	11	1.934 *	7.262 *	26.724 *	5.888 *	8.847 *	3.341	21.357	5.878		2.882 *	3.527 *	4.252 *
	12	1.731 *	22.597 *	23.081 *	11.692 *	5.974 *	5.082	15.165	4.783		2.844 *	3.834 *	3.657 *
	13	1.675 *	13.27 *	22.086 *	10.164 *	4.847 *	4.591	9.282	4.381		2.696 *	4.347 *	3.485 *
	14	1.648 *	6.062 *	6.96 *	8.214 *	4.952 *	3.552	7.516	5.975		2.588 *	5.271 *	3.485 *
	15	1.621 *	6.003 *	5.546 *	6.006 *	5.658 *	3.075	6.663	5.033		2.553 *	4.796 *	3.657 *
	16	1.703 *	5.49 *	5.162 *	4.86 *	5.327 *	3.225	8.328	4.243		2.66 *	3.657 *	3.702 *
	17	1.994 *	5.217 *	5.379 *	3.834 *	4.696 *	4.913	8.208	5.219		2.92 *	4.494 *	3.4 *
	18	2.733 *	5.004 *	6.122 *	8.307 *	4.452 *	4.723	8.433	4.399		5.057 *	3.49 *	3.196 *
	19	2.66 *	4.309 *	5.434 *	5.115 *	5.639 *	10.067	6.228	3.921		4.204 *	3.318 *	2.883 *
	20	2.92 *	4.016 *	5.49 *	4.694 *	6.613 *	5.258	6.442	6.761		3.238 *	3.238 *	2.66 *
	21	2.626 *	3.834 *	4.847 *	4.543 *	7.713 *	4.273	7.76	12.52		3.572 *	2.882 *	2.588 *
	22	2.214 *	26.96 *	4.252 *	4.111 *	5.831 *	3.309	7.823	5.513		3.16 *	3.377 *	2.414 *
	23	2.15 *	36.352 *	3.7 *	3.744 *	6.613 *	3.204	14.054	4.384		2.808 *	5.348 *	13.058 *
	24	1.964 *	36.96 *	3.527 *	5.715 *	14.387 *	3.427	14.597	3.771		2.624 *	4.801 *	4.395 *
	25	1.845 *	28.446 *	3.614 *	4.696 *	11.124 *	7.33	15.28	6.225		2.624 *	4.589 *	17.32 *
	26	1.731 *	7.935 *	3.797 *	4.252 *	6.182 *	4.615	9.092	10.504		2.808 *	6.914 *	9.456 *
	27	1.648 *	31.461 *	3.075 *	4.411 *	7.716 *	4.173	7.518	25.877		3.036 *	5.715 *	5.166 *
	28	1.703 *	21.366 *	2.808 *	5.217 *	6.423 *	4.082	5.71	10.155		3.485 *	4.93 *	3.657 *
	29	1.732 *		2.66 *	6.362 *	4.952 *	3.475	4.831	12.029		3.155 *	4.811 *	3.527 *
	30	1.731 *		2.624 *	7.786 *	6.891 *	7.213	4.454	6.127		2.998 *	4.064 *	3.4 *
	31	1.788 *		2.733 *		6.305 *		3.955	7.631		2.998 *		4.109 *
Caudal Max.		2.92 *	62.229 *	37.382 *	42.804 *	51.139 *	13.66	61.294	62.229		5.216 *	8.626 *	25.269 *
Día		20	23	11	9	4	19	7	27		18	8	25
Hora		9	18	18	18	18	18.3	15.4	1.1		18	9	18
Caudal Min.		1.621 *	1.731 *	2.624 *	2.483 *	4.109 *	2.696 *	3.834	3.57		2.553 *	2.844 *	2.346 *
Día		14	1	29	1	18	23	31	24		14	21	22
Hora		18	18	18	18	9	18	13.3	14.5		18	18	18
Caudal Medio		2.027	11.732	6.725	6.397	11.56	4.707	13.151	8.124		3.143	4.359	5.497

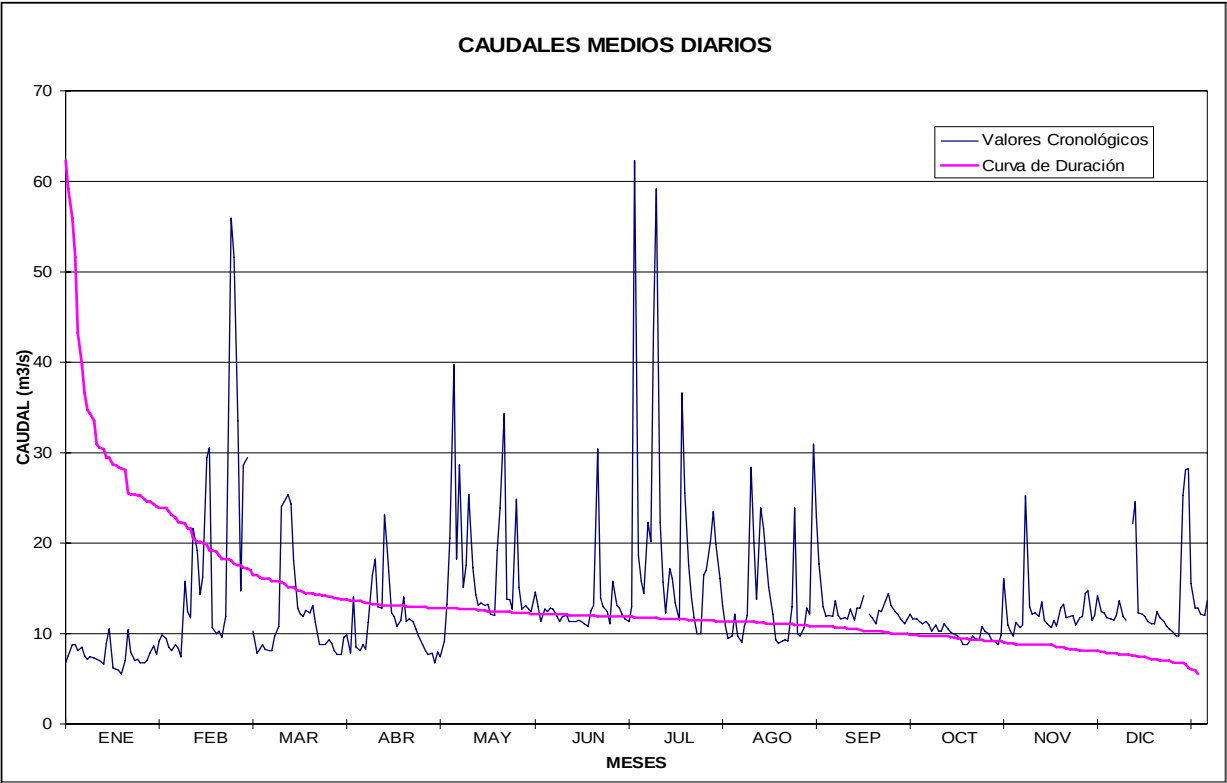
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

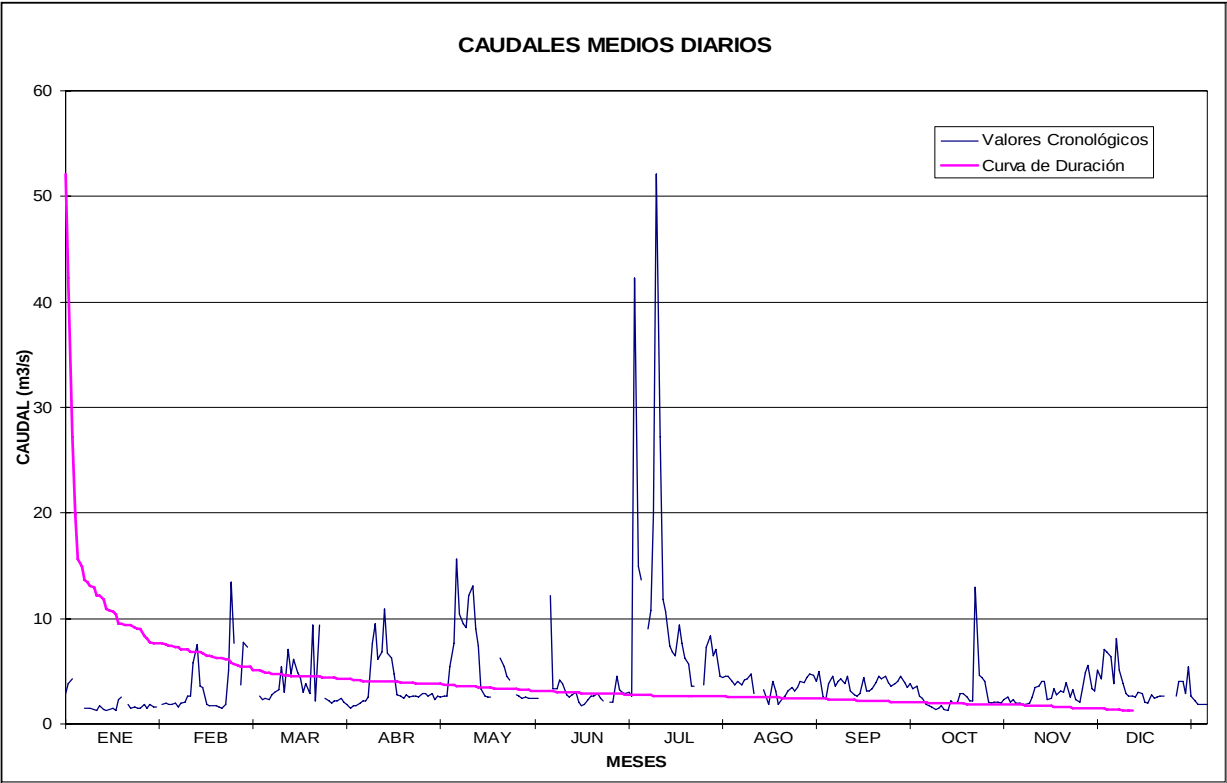
H788	PUELA AJ CHAMBO											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	6.802 *	9.832 *	10.227 *	7.824 *	9.212 *	11.313 *	62.24 *	9.702 *	12.042 *	11.031 *	10.618 *	11.456 *
2	7.55 *	9.448 *	7.833 *	14.063 *	13.223 *	12.655 *	18.612 *	12.197 *	11.893 *	11.315 *	10.892 *	12.058 *
3	8.724 *	8.495 *	8.302 *	8.495 *	20.511 *	12.498 *	15.867 *	9.722 *	13.604 *	10.892 *	25.335 *	13.663 *
4	8.724 *	8.045 *	8.726 *	8.045 *	39.742 *	12.807 *	14.438 *	9.086 *	12.042 *	10.217 *	12.979 *	11.895 *
5	8.099 *	8.842 *	8.265 *	8.847 *	18.294 *	12.655 *	22.272 *	10.764 *	11.6 *	10.892 *	12.191 *	11.456 *
6	8.513 *	8.379 *	8.042 *	8.265 *	28.699 *	11.895 *	20.112 *	12.058 *	11.746 *	10.217 *	12.348 *	
7	7.51 *	7.41 *	8.045 *	11.172 *	15.147 *	11.313 *	43.24 *	28.358 *	11.603 *	10.217 *	11.895 *	22.205 *
8	7.197 *	15.773 *	9.722 *	16.485 *	17.586 *	11.904 *	59.229 *	19.954 *	12.666 *	11.031 *	13.487 *	24.622 *
9	7.402 *	12.399 *	10.848 *	18.226 *	25.444 *	12.047 *	22.288 *	13.816 *	11.456 *	10.483 *	11.456 *	12.343 *
10	7.299 *	11.779 *	24.105 *	12.967 *	17.277 *	11.313 *	15.692 *	23.852 *	12.804 *	10.086 *	11.033 *	12.194 *
11	7.197 *	21.626 *	24.597 *	12.807 *	14.269 *	11.313 *	12.36 *	21.659 *	12.804 *	9.955 *	10.618 *	11.893 *
12	6.996 *	19.122 *	25.356 *	23.132 *	13.119 *	11.313 *	17.151 *	18.185 *	14.175 *	9.699 *	11.472 *	11.313 *
13	6.607 *	14.275 *	24.306 *	19.077 *	13.44 *	11.456 *	16.046 *	15.147 *		9.448 *	10.757 *	11.031 *
14	8.961 *	16.166 *	18.041 *	12.343 *	13.122 *	11.313 *	13.443 *	12.216 *	12.194 *	8.842 *	12.807 *	11.033 *
15	10.576 *	29.509 *	12.807 *	11.904 *	13.286 *	11.031 *	11.456 *	9.325 *	11.746 *	8.724 *	13.297 *	12.498 *
16	6.235 *	30.541 *	12.191 *	10.754 *	12.191 *	10.754 *	36.581 *	8.961 *	11.033 *	9.202 *	11.752 *	11.746 *
17	6.057 *	10.624 *	11.893 *	11.51 *	12.058 *	12.52 *	25.557 *	9.204 *	12.52 *	9.699 *	11.904 *	11.313 *
18	5.879 *	9.965 *	12.506 *	13.993 *	19.198 *	13.119 *	17.591 *	9.325 *	12.498 *	9.448 *	12.058 *	10.754 *
19	5.538 *	10.227 *	12.36 *	11.313 *	23.972 *	30.412 *	13.951 *	9.202 *	13.663 *	9.325 *	10.892 *	10.483 *
20	7.03 *	9.574 *	13.119 *	11.603 *	34.337 *	13.933 *	11.752 *	13.024 *	14.438 *	10.754 *	11.746 *	10.086 *
21	10.365 *	11.943 *	11.172 *	11.313 *	13.779 *	12.962 *	9.965 *	23.852 *	13.119 *	10.217 *	11.895 *	9.699 *
22	7.96 *	34.791 *	8.724 *	10.485 *	13.767 *	12.498 *	9.955 *	9.958 *	12.495 *	9.955 *	14.438 *	9.699 *
23	6.996 *	55.992 *	8.734 *	9.699 *	12.649 *	11.033 *	16.477 *	9.761 *	12.191 *	9.325 *	14.796 *	25.266 *
24	7.199 *	51.59 *	8.762 *	8.734 *	24.927 *	15.768 *	16.987 *	10.618 *	11.6 *	9.202 *	11.462 *	28.133 *
25	6.8 *	33.461 *	9.325 *	8.045 *	15.147 *	13.119 *	20.188 *	12.816 *	11.031 *	8.724 *	12.042 *	28.285 *
26	6.8 *	14.702 *	8.961 *	7.722 *	12.649 *	12.807 *	23.56 *	12.202 *	11.6 *	9.832 *	14.127 *	15.57 *
27	6.996 *	28.699 *	8.045 *	7.824 *	13.119 *	12.194 *	19.908 *	30.916 *	12.194 *	16.023 *	12.498 *	12.804 *
28	7.833 *	29.423 *	7.718 *	6.802 *	12.649 *	11.603 *	16.046 *	22.826 *	11.603 *	10.892 *	12.343 *	12.804 *
29	8.613 *		7.731 *	7.933 *	12.495 *	11.323 *	13.131 *	17.671 *	11.6 *	10.217 *	11.746 *	12.194 *
30	7.722 *		9.579 *	7.404 *	14.629 *	12.962 *	10.765 *	12.962 *	11.315 *	9.699 *	11.6 *	12.042 *
31	9.202 *		9.832 *		12.962 *		9.448 *	11.893 *		11.177 *		13.604 *
Caudal Max.	12.191 *	61.716 *	35.753 *	32.498 *	61.716 *	35.753 *	63.773 *	39.248 *		20.733 *	32.498 *	
Día	15	24	11	12	4	19	1	27		27	3	
Hora	18	7	18	7	18	18	7	18		18	7	
Caudal Min.	5.538 *	6.996 *	7.197 *	6.607 *	8.724 *	10.754 *	9.448 *	8.492 *		8.724 *	10.483 *	
Día	19	7	29	28	1	16	31	23		14	11	
Hora	7	18	7	18	7	7	18	7		18	18	
Caudal Medio	7.593	19.023	11.931	11.293	17.19	12.794	20.526	14.556	12.251	10.217	12.549	14.138

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997												
CAUDALES MEDIOS DIARIOS (m3/s)												
H789	GUARGUALLA AJ CEBADAS											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	2.894 *	1.819 *	6.821 *	1.558 *	2.721 *		42.32 *	4.061 *	3.85 *	2.477 *	1.95 *	3.798 *
2	3.85 *	1.956 *		1.683 *	2.721 *		14.998 *	3.759 *	4.508 *	1.892 *	1.814 *	8.08 *
3	4.278 *	1.819 *	2.637 *	1.683 *	5.484 *		13.661 *	4.061 *	3.549 *	1.7 *	1.814 *	5.143 *
4		1.814 *	2.316 *	1.95 *	7.657 *	12.192 *		3.746 *	4.061 *	1.622 *	2.02 *	3.85 *
5		1.95 *	2.395 *	2.241 *	15.693 *	3.364 *	9.024 *	4.167 *	4.278 *	1.438 *	2.555 *	2.894 *
6		1.622 *	2.316 *	2.241 *	10.446 *	3.364 *	10.82 *	4.284 *	3.85 *	1.508 *	3.448 *	2.721 *
7	1.497 *	1.985 *	2.806 *	2.555 *	9.546 *	4.181 *	19.902 *	4.738 *	4.501 *	1.758 *	3.646 *	2.721 *
8	1.558 *	2.067 *	2.981 *	7.657 *	9.194 *	3.85 *	52.114 *	2.894 *	3.163 *	1.438 *	4.061 *	2.573 *
9	1.497 *	2.64 *	3.257 *	9.481 *	12.207 *	2.809 *	27.239 *		2.806 *	1.271 *	4.061 *	2.981 *
10	1.438 *	2.721 *	5.429 *	6.119 *	13.082 *	2.555 *	11.825 *		2.721 *	2.168 *	2.316 *	2.894 *
11	1.324 *	5.755 *	2.981 *	6.821 *	9.024 *	2.809 *	10.635 *	3.257 *	2.894 *	1.95 *	2.395 *	2.093 *
12	1.683 *	7.569 *	7.021 *	10.943 *	7.414 *	2.994 *	7.414 *	2.501 *	4.388 *	2.093 *	3.402 *	1.985 *
13	1.38 *	3.646 *	4.799 *	6.677 *	3.364 *	2.093 *	6.821 *	1.831 *	3.072 *	2.894 *	2.806 *	2.809 *
14	1.324 *	3.448 *	6.119 *	6.257 *	2.721 *	1.688 *	6.536 *	4.1 *	3.163 *	2.912 *	3.091 *	2.401 *
15	1.38 *	1.88 *	4.848 *	4.732 *	2.555 *	1.819 *	9.368 *	3.176 *	3.351 *	2.561 *	2.987 *	2.561 *
16	1.499 *	1.683 *	4.388 *	2.806 *	2.555 *	2.364 *	7.657 *	1.906 *	3.915 *	2.168 *	3.957 *	2.637 *
17	1.324 *	1.75 *	2.981 *	2.637 *		2.721 *	6.257 *	2.395 *	4.501 *	2.241 *	2.555 *	2.721 *
18	2.276 *	1.747 *	3.85 *	2.395 *		2.721 *	5.721 *	2.721 *	4.278 *	13.019 *	3.192 *	
19	2.555 *	1.619 *	2.894 *	2.806 *	6.207 *	2.894 *	3.646 *	3.166 *	4.501 *	4.657 *	2.316 *	
20		1.558 *	9.337 *	2.555 *	5.484 *	2.395 *	3.646 *	3.468 *	3.957 *	4.401 *	2.093 *	
21	1.814 *	1.883 *	2.168 *	2.721 *	4.501 *	2.241 *		3.166 *	3.646 *	4.08 *	3.352 *	2.721 *
22	1.558 *	5.089 *	9.337 *	2.721 *	4.167 *			3.448 *	3.85 *	2.093 *	4.886 *	4.061 *
23	1.622 *	13.464 *		2.555 *		2.093 *	3.746 *	4.067 *	4.061 *	1.95 *	5.604 *	4.061 *
24	1.558 *	7.657 *	2.473 *	2.894 *	2.806 *	2.093 *	7.352 *	3.957 *	4.501 *	2.093 *	3.32 *	2.894 *
25	1.558 *		2.241 *	2.894 *	2.721 *	4.501 *	8.375 *	4.401 *	3.957 *	2.093 *	3.091 *	5.429 *
26	1.814 *	3.652 *	1.985 *	2.721 *	2.395 *	3.276 *	6.543 *	4.732 *	3.448 *	1.95 *	5.143 *	2.664 *
27	1.558 *	7.721 *	2.241 *	2.894 *	2.555 *	2.985 *	7.114 *	4.615 *	3.85 *	2.316 *	4.278 *	2.168 *
28	1.814 *	7.266 *	2.241 *	2.3 *	2.395 *	2.894 *	4.508 *	4.061 *	3.364 *	2.555 *	7.114 *	1.814 *
29	1.622 *		2.395 *	2.721 *	2.395 *	2.985 *	4.401 *	4.969 *	3.646 *	2.093 *	6.821 *	1.814 *
30	1.622 *		2.093 *	2.555 *	2.395 *	2.637 *	4.501 *	2.561 *	2.64 *	2.319 *	6.394 *	1.814 *
31			1.814 *		2.395 *		4.501 *	2.401 *		2.02 *		1.883 *
Caudal Max.				14.319 *					4.848 *	13.019 *	7.262 *	
Día				12					16	18	28	
Hora				6					18	6	6	
Caudal Mín.				1.496 *					2.473 *	1.163 *	1.747 *	
Día				1					30	9	3	
Hora				18					6	18	6	
Caudal Medio	1.857	3.621	3.764	3.759	5.6	3.174	11.452	3.538	3.742	2.636	3.549	3.078

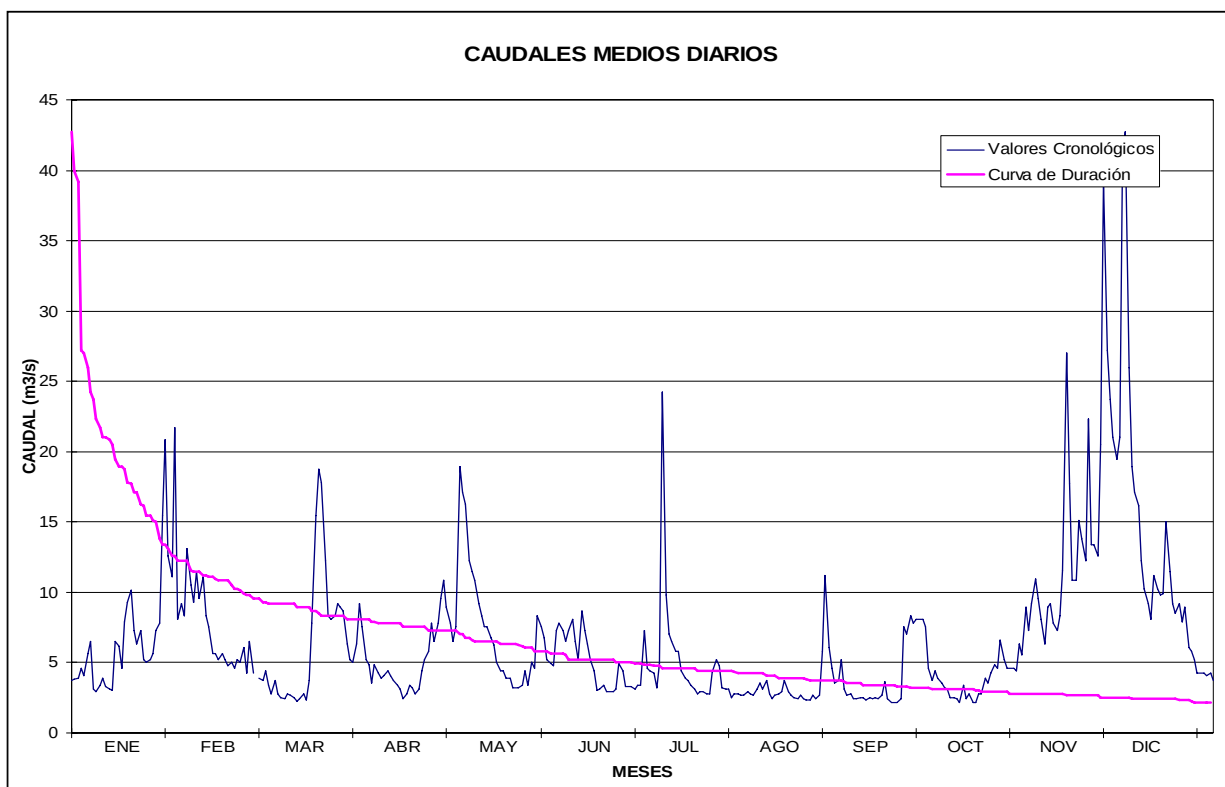
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H792	CUTUCHI AJ YANAYACU											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	3.723 *	12.624 *	3.883 *	6.314 *	7.823 *	5.202 *	3.403 *	2.819 *	3.573 *	4.622 *	8.951 *	21.005 *
2	3.801 *	11.159 *	3.723 *	9.233 *	6.536 *	4.991 *	7.272 *	2.678 *	3.723 *	3.723 *	7.296 *	39.97 *
3	3.903 *	21.727 *	4.422 *	7.541 *	7.541 *	4.802 *	4.622 *	2.678 *	5.202 *	4.422 *	9.233 *	42.743 *
4	4.622 *	8.08 *	3.403 *	5.235 *	18.963 *	7.296 *	4.422 *	2.952 *	3.102 *	3.942 *	10.975 *	26.009 *
5	4.063 *	9.233 *	2.819 *	4.833 *	17.118 *	7.823 *	4.232 *	2.819 *	2.696 *	3.554 *	9.553 *	18.963 *
6	5.658 *	8.374 *	3.723 *	3.554 *	16.227 *	7.296 *	3.244 *	2.678 *	2.819 *	3.244 *	8.08 *	17.086 *
7	6.536 *	13.117 *	2.819 *	4.833 *	12.232 *	6.536 *	4.991 *	3.102 *	2.422 *	3.102 *	6.314 *	16.196 *
8	3.13 *	10.53 *	2.554 *	4.252 *	11.493 *	7.272 *	24.254 *	3.573 *	2.422 *	2.554 *	8.951 *	12.232 *
9	2.97 *	9.337 *	2.422 *	3.903 *	10.838 *	8.08 *	9.835 *	3.102 *	2.554 *	2.554 *	9.233 *	10.236 *
10	3.403 *	11.493 *	2.819 *	4.063 *	9.233 *	6.536 *	7.027 *	3.752 *	2.554 *	2.422 *	7.823 *	9.233 *
11	3.87 *	9.553 *	2.678 *	4.422 *	8.349 *	5.202 *	6.536 *	2.819 *	2.306 *	2.182 *	7.296 *	8.08 *
12	3.299 *	11.159 *	2.554 *	4.063 *	7.541 *	8.644 *	5.836 *	2.422 *	2.554 *	3.403 *	8.349 *	11.2 *
13	3.13 *	8.349 *	2.298 *	3.723 *	7.541 *	7.272 *	5.836 *	2.678 *	2.422 *	2.422 *	11.577 *	10.236 *
14	3.035 *	7.541 *	2.422 *	3.403 *	6.77 *	6.314 *	4.422 *	2.819 *	2.554 *	2.819 *	26.992 *	9.848 *
15	6.536 *	5.625 *	2.819 *	3.102 *	6.291 *	5.202 *	3.883 *	2.952 *	2.422 *	2.182 *	17.684 *	9.888 *
16	6.19 *	5.625 *	2.306 *	2.422 *	5.013 *	4.422 *	3.723 *	3.752 *	2.678 *	2.182 *	10.838 *	15.052 *
17	4.622 *	5.202 *	3.723 *	2.819 *	4.422 *	3.006 *	3.403 *	2.952 *	3.668 *	2.819 *	10.838 *	11.493 *
18	7.946 *	5.625 *	7.823 *	3.403 *	4.422 *	3.102 *	3.102 *	2.678 *	2.422 *	2.819 *	15.143 *	9.233 *
19	9.272 *	5.202 *	15.429 *	3.244 *	3.883 *	3.403 *	2.819 *	2.554 *	2.182 *	3.883 *	13.8 *	8.552 *
20	10.155 *	4.802 *	18.767 *	2.819 *	3.883 *	2.952 *	2.97 *	2.422 *	2.182 *	3.554 *	12.232 *	9.233 *
21	7.296 *	5.013 *	17.82 *	3.102 *	3.244 *	2.952 *	2.952 *	2.678 *	2.182 *	4.252 *	22.331 *	7.946 *
22	6.314 *	4.622 *	12.232 *	4.422 *	3.244 *	2.952 *	2.819 *	2.422 *	2.422 *	4.833 *	13.378 *	8.951 *
23	7.296 *	5.202 *	8.349 *	5.202 *	3.244 *	3.102 *	2.819 *	2.306 *	7.599 *	4.622 *	13.378 *	6.069 *
24	5.202 *	5.013 *	8.08 *	5.836 *	3.403 *	4.991 *	4.353 *	2.306 *	7.027 *	6.571 *	12.58 *	5.836 *
25	5.013 *	6.069 *	8.374 *	7.823 *	4.422 *	4.422 *	5.202 *	2.678 *	8.374 *	5.202 *	20.52 *	5.202 *
26	5.202 *	4.252 *	9.233 *	6.536 *	3.403 *	3.262 *	4.802 *	2.422 *	7.823 *	4.622 *	39.218 *	4.252 *
27	5.625 *	6.536 *	8.925 *	7.823 *	5.013 *	3.262 *	3.244 *	2.696 *	8.08 *	4.622 *	27.224 *	4.252 *
28	7.272 *	4.252 *	8.644 *	9.553 *	4.622 *	3.262 *	3.093 *	5.836 *	8.08 *	4.601 *	23.687 *	4.252 *
29	7.798 *		6.314 *	10.838 *	8.349 *	3.13 *	3.102 *	11.2 *	8.08 *	4.422 *	21.005 *	4.063 *
30	15.429 *		5.202 *	8.951 *	7.541 *	3.403 *	2.554 *	6.069 *	7.541 *	6.36 *	19.465 *	4.232 *
31	20.887 *		5.013 *		6.793 *		2.819 *	4.601 *		5.534 *		3.723 *
Caudal Max.	24.236 *	29.748 *	20.452 *	11.841 *	19.448 *	9.22 *	39.877 *	12.566 *	11.145 *	7.529 *	43.141 *	50.192 *
Día	31	3	20	29	4	12	8	29	23	24	26	2
Hora	7	7	7	7	17	7	17	7	17	7	7	17
Caudal Min.	2.546 *	3.714 *	2.067 *	2.298 *	3.093 *	2.298 *	2.298 *	2.067 *	2.067 *	2.067 *	5.614 *	3.394 *
Día	8	26	16	16	21	17	30	23	11	11	7	31
Hora	17	17	17	17	17	17	17	17	17	17	17	17
Caudal Medio	6.232	8.047	6.18	5.242	7.4	5.003	4.955	3.336	4.122	3.808	14.465	12.105

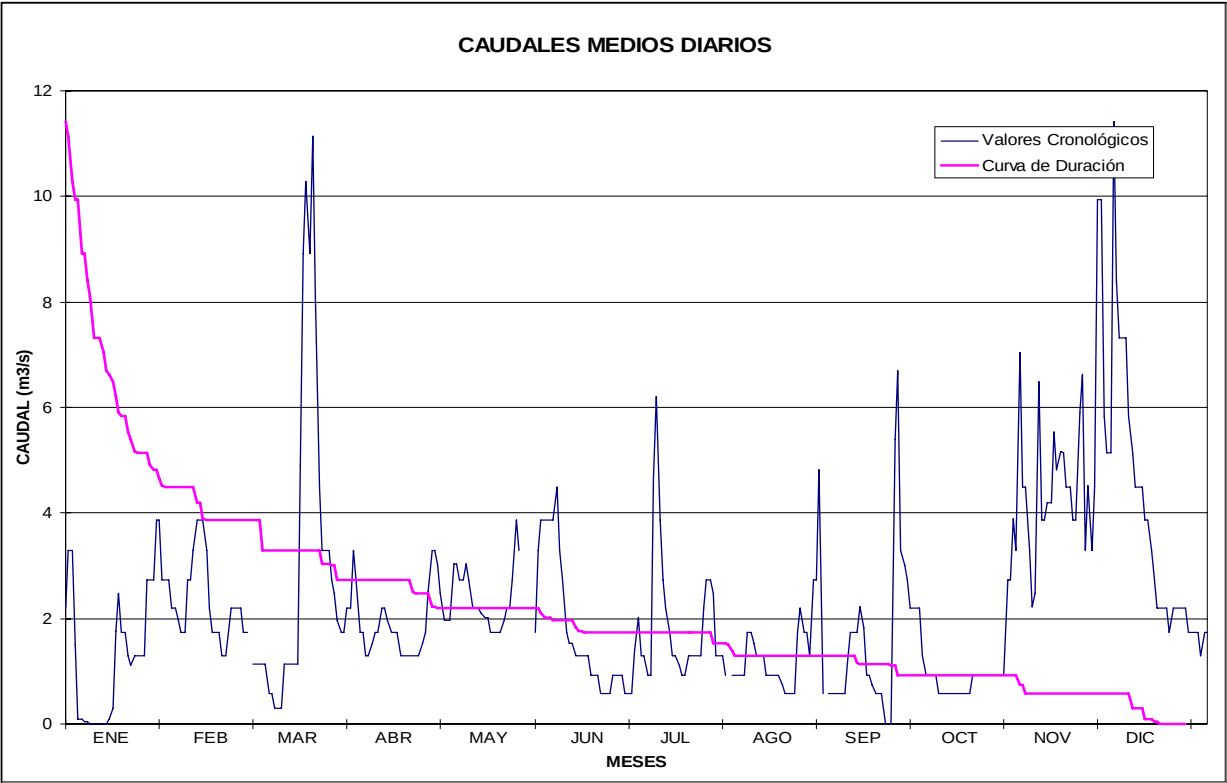
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H793	NAGSICHE PLTA.ELEC.CUSUBAMBA											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	2.21 *	2.726 *	1.143 *	2.21 *	1.973 *	3.871 *	1.397 *	0.918 *	0.584 *	1.303 *	7.033 *	11.41 *
2	3.28 *	2.726 *	1.143 *	3.28 *	1.973 *	3.871 *	2.015 *	0.918 *	0.584 *	0.918 *	4.496 *	8.404 *
3	3.28 *	2.726 *	1.143 *	2.726 *	1.973 *	3.871 *	1.303 *	0.918 *	0.584 *	0.918 *	4.496 *	7.318 *
4	1.517 *	2.21 *	1.143 *	1.735 *	3.04 *	3.871 *	1.303 *	0.918 *	0.584 *	0.918 *	3.298 *	7.318 *
5	0.104 *	2.21 *	1.143 *	1.735 *	3.04 *	3.871 *	0.918 *	0.918 *	0.584 *	0.918 *	2.23 *	7.318 *
6	0.104 *	1.973 *	0.584 *	1.303 *	2.745 *	4.496 *	0.918 *	1.735 *	0.584 *	0.584 *	2.468 *	5.845 *
7	0.047 *	1.735 *	0.584 *	1.303 *	2.726 *	3.28 *	4.646 *	1.735 *	1.159 *	0.584 *	6.498 *	5.154 *
8	0.047 *	1.735 *	0.309 *	1.519 *	3.04 *	2.726 *	6.206 *	1.519 *	1.735 *	0.584 *	3.871 *	4.496 *
9	0 *	2.726 *	0.309 *	1.735 *	2.745 *	1.735 *	3.871 *	1.303 *	1.735 *	0.584 *	3.871 *	4.496 *
10	0 *	2.726 *	0.309 *	1.735 *	2.21 *	1.519 *	2.726 *	1.303 *	1.735 *	0.584 *	4.183 *	4.496 *
11	0 *	3.28 *	1.143 *	2.21 *	2.21 *	1.519 *	2.21 *	1.303 *	2.23 *	0.584 *	4.183 *	3.871 *
12	0 *	3.871 *	1.143 *	2.21 *	2.21 *	1.303 *	1.735 *	0.918 *	1.822 *	0.584 *	5.531 *	3.871 *
13	0 *	3.871 *	1.143 *	1.973 *	2.113 *	1.303 *	1.303 *	0.918 *	0.918 *	0.584 *	4.825 *	3.28 *
14	0 *	3.871 *	1.143 *	1.735 *	2.015 *	1.303 *	1.303 *	0.918 *	0.918 *	0.584 *	5.17 *	2.726 *
15	0.104 *	3.28 *	1.143 *	1.735 *	2.015 *	1.303 *	1.11 *	0.918 *	0.751 *	0.584 *	5.154 *	2.21 *
16	0.309 *	2.21 *	4.913 *	1.735 *	1.735 *	1.303 *	0.918 *	0.918 *	0.584 *	0.584 *	4.496 *	2.21 *
17	1.757 *	1.735 *	8.909 *	1.303 *	1.735 *	0.918 *	0.918 *	0.751 *	0.584 *	0.918 *	4.496 *	2.21 *
18	2.468 *	1.735 *	10.295 *	1.303 *	1.735 *	0.918 *	1.303 *	0.584 *	0.584 *	0.918 *	3.871 *	2.21 *
19	1.735 *	1.735 *	8.909 *	1.303 *	1.735 *	0.918 *	1.303 *	0.584 *	0 *	0.918 *	3.871 *	1.735 *
20	1.735 *	1.303 *	11.141 *	1.303 *	1.973 *	0.584 *	1.303 *	0.584 *	0 *	0.918 *	5.907 *	2.21 *
21	1.303 *	1.303 *	8.114 *	1.303 *	2.21 *	0.584 *	1.303 *	0.584 *	0 *	0.918 *	6.627 *	2.21 *
22	1.11 *	1.757 *	4.496 *	1.303 *	2.21 *	0.584 *	1.303 *	1.735 *	5.393 *	0.918 *	3.28 *	2.21 *
23	1.303 *	2.21 *	3.28 *	1.303 *	2.726 *	0.584 *	2.21 *	2.21 *	6.702 *	0.918 *	4.513 *	2.21 *
24	1.303 *	2.21 *	3.28 *	1.519 *	3.871 *	0.918 *	2.726 *	1.735 *	3.28 *	0.918 *	3.28 *	2.21 *
25	1.303 *	2.21 *	3.28 *	1.735 *	3.28 *	0.918 *	2.726 *	1.735 *	3.003 *	0.918 *	4.496 *	1.735 *
26	1.303 *	2.21 *	2.726 *	2.508 *		0.918 *	2.468 *	1.303 *	2.726 *	0.918 *	9.936 *	1.735 *
27	2.726 *	1.735 *	2.468 *	3.28 *		0.918 *	1.303 *	2.726 *	2.21 *	0.918 *	9.936 *	1.735 *
28	2.726 *	1.735 *	1.973 *	3.28 *		0.584 *	1.303 *	2.726 *	2.21 *	2.726 *	5.845 *	1.735 *
29	2.726 *		1.735 *	3.003 *		0.584 *	1.303 *	4.825 *	2.21 *	2.726 *	5.154 *	1.303 *
30	3.871 *		1.735 *	2.468 *	1.735 *	0.584 *	0.918 *	0.584 *	2.21 *	3.888 *	5.154 *	1.735 *
31	3.871 *		2.21 *		3.28 *					3.28 *		1.735 *
Caudal Max.	3.871 *	3.871 *	11.681 *	3.28 *		4.496 *			10.786 *	4.496 *	10.963 *	11.5 *
Día	30	12	18	2		6			22	30	26	1
Hora	7	7	7	7		7			17	17	7	7
Caudal Min.	0	1.303 *	0.309 *	1.303 *		0.584 *			0	0.584 *	1.735 *	1.303 *
Día	11	20	6	6		20			19	6	5	29
Hora	18	7	7	7		17			7	7	7	7
Caudal Medio	1.363	2.348	3	1.926	2.38	1.722	1.876	1.358	1.607	1.1	4.939	3.656

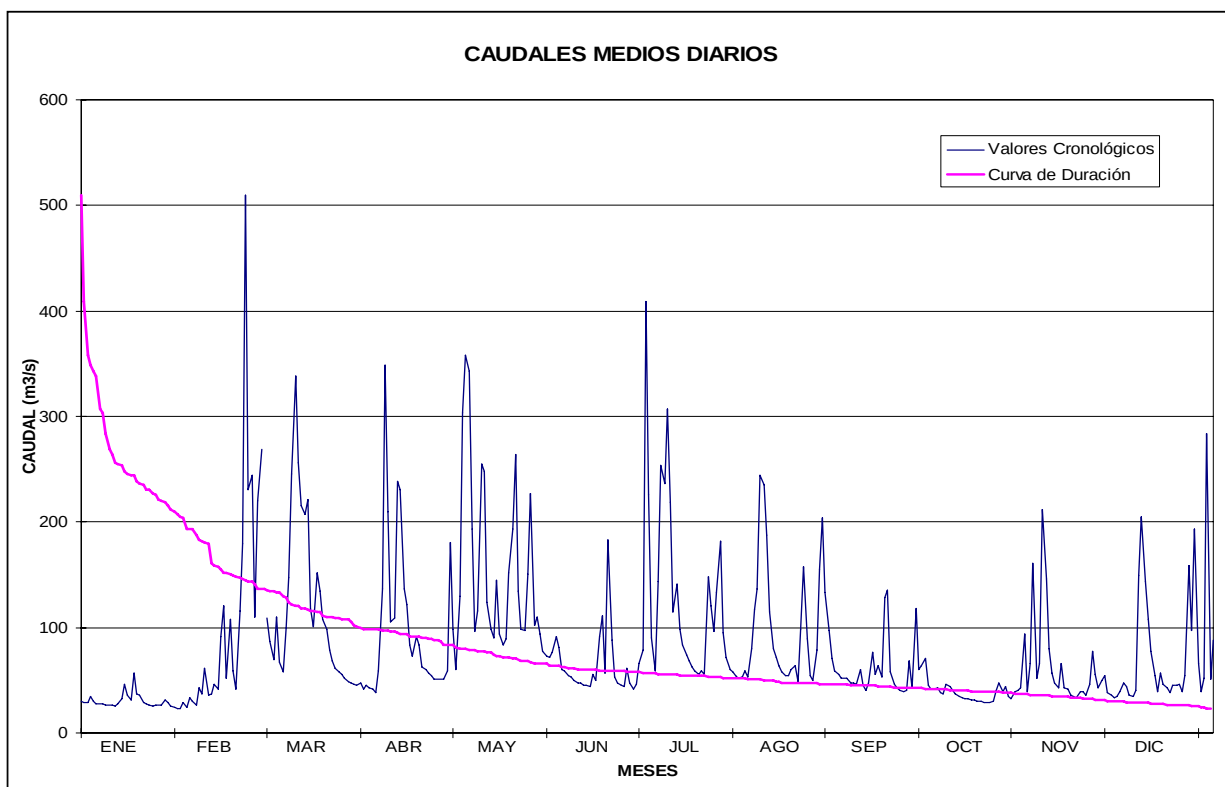
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H889	ZAMORA DJ SABANILLA(EN ZAMORA)											INECEL
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	30.191 *	23.476 *	108.603 *	41.893	60.656 *	76.109 *	408.327 *	52.843	55.226	41.608	39.162 *	39.162 *
2	28.887 *	22.637 *	86.737 *	44.805	129.396 *	91.985 *	226.275 *	59.413	52.481	41.606	66.203 *	47.143 *
3	28.892 *	28.596 *	69.39 *	43.045	303.344 *	80.742 *	90.317 *	53.63	52.297	42.711	161.532 *	43.655 *
4	34.66 *	24.327 *	110.168 *	41.883	357.728 *	60.061 *	59.548 *	80.118	51.723	37.982 *	52.39 *	36.486 *
5	29.537 *	33.185 *	67.134	37.982	343.375 *	58.57 *	143.649 *	116.963	47.79	37.232 *	65.743 *	35.023 *
6	28.255 *	30.258 *	57.565	59.365	193.208 *	54.176 *	253.502 *	136.544	47.852	46.498 *	212.508 *	41.116 *
7	28.255 *	26.394 *	99.279	136.747	96.489 *	53.249 *	236.208 *	244.753	45.82	43.979 *	146.305 *	149.476 *
8	27.314 *	43.295 *	147.556	348.117	115.498 *	50.013 *	307.525 *	234.682	60.239	40.308 *	79.548 *	204.449 *
9	27.004 *	37.302 *	245.156	209.999	254.733 *	47.79 *	219.383 *	187.101	45.338	37.614 *	57.105 *	143.176 *
10	26.699 *	61.252 *	338.247	105.146	247.641 *	46.924 *	115.226 *	114.44	40.771	35.023 *	47.81 *	107.281 *
11	26.394 *	36.486 *	255.812	108.832	123.644 *	45.207 *	141.184 *	79.941	46.97	33.597 *	42.716 *	77.955 *
12	25.496 *	37.633 *	215.738	238.517	98.151 *	44.786 *	98.151 *	71.425	76.262	32.203 *	66.324 *	54.677 *
13	27.322 *	46.458 *	207.121	230.688	89.903 *	44.365 *	83.091 *	63.699	55.43	31.862 *	42.334 *	38.822 *
14	32.739 *	41.508 *	220.851	137.122	144.638 *	55.252 *	74.058 *	57.821	63.275	31.522 *	41.174 *	56.877 *
15	46.845 *	91.942 *	118.588	121.535	93.494 *	49.568 *	68.094 *	54.199	53.305	31.186 *	35.382 *	46.182 *
16	36.486 *	120.213 *	100.508	83.448	83.803 *	91.175 *	62.08 *	54.005	128.722	30.518 *	34.66 *	42.363 *
17	31.594 *	51.846 *	151.878	72.789	89.647 *	110.72 *	59.548 *	59.937	136.094	29.86 *	33.243 *	37.982 *
18	56.226 *	107.999 *	134.465	91.84	151.617 *	56.428 *	56.09 *	64.105	57.367	29.533 *	38.822 *	45.251 *
19	37.302 *	59.212 *	107.272	83.348	192.979 *	182.984 *	58.806	48.399	46.425	29.533 *	39.143 *	45.226 *
20	35.475 *	41.508 *	98.226	62.08	263.603 *	87.98 *	55.709	98.668	42.711	29.533 *	35.75 *	46.697 *
21	29.219 *	115.517 *	78.478	60.806	134.258 *	53.249 *	148.506	157.654	41.097	30.518 *	46.458 *	39.143 *
22	27.623 *	179.516 *	68.904	56.926	98.151 *	47.795 *	120.557	89.177	39.849	40.342 *	77.479 *	54.73 *
23	26.093 *	510.188 *	61.055	54.847	97.409 *	45.207 *	96.286	53.89	40.578	47.79 *	55.789 *	158.787 *
24	25.496 *	229.96 *	58.327	50.911	150.643 *	43.533 *	132.938	50.035	67.877	39.162 *	43.152 *	96.964 *
25	26.093 *	244.02 *	55.181	51.297	227.022 *	61.04 *	181.693	79.101	42.495	43.772 *	49.689 *	193.509 *
26	26.093 *	110.326 *	52.297	51.057	101.956 *	46.939 *	94.877	155.726	117.628	35.037 *	54.75 *	65.588 *
27	26.708 *	219.986 *	48.182	50.548	109.771 *	41.904 *	71.394	203.319	60.646	31.872 *	38.364 *	39.52 *
28	31.321 *	268.318 *	47.718	59.102	94.341 *	45.78 *	60.672	133.452	63.733	39.52 *	35.745 *	51.836 *
29	28.958 *		45.905	181.014	78.167 *	66.035 *	57.406	97.2	70.851	40.304 *	33.947 *	283.229 *
30	25.204 *		45.151	98.504 *	73.37 *	78.873 *	54.557	70.211	44.691	42.731 *	34.669 *	50.646 *
31	24.039 *		47.849		72.031 *		51.936	58.717		93.781 *		88.29 *
Caudal Max.	68.087 *	536.523 *	450.237 *	551.023	483.853 *	206.197 *	408.327 *	424.206	253.476	131.477 *	260.984 *	518.667 *
Día	18	23	10	8	4	19	1	6	16	31	3	29
Hora	7	18	7	7.5	18	7	18	22.5	17.1	7	18	18
Caudal Min.	24.039 *	22.362 *	43.533	36.482	57.058 *	41.097 *	51.375	47.79	37.982	29.533 *	32.893 *	34.301 *
Día	31	2	30	6	1	28	31	19	23	17	17	5
Hora	7	18	23.1	3.5	18	7	14.3	16	13.5	18	18	18
Caudal Medio	30.401	101.548	114.495	100.473	150.667	63.948	125.406	99.392	59.852	38.669	60.263	79.395

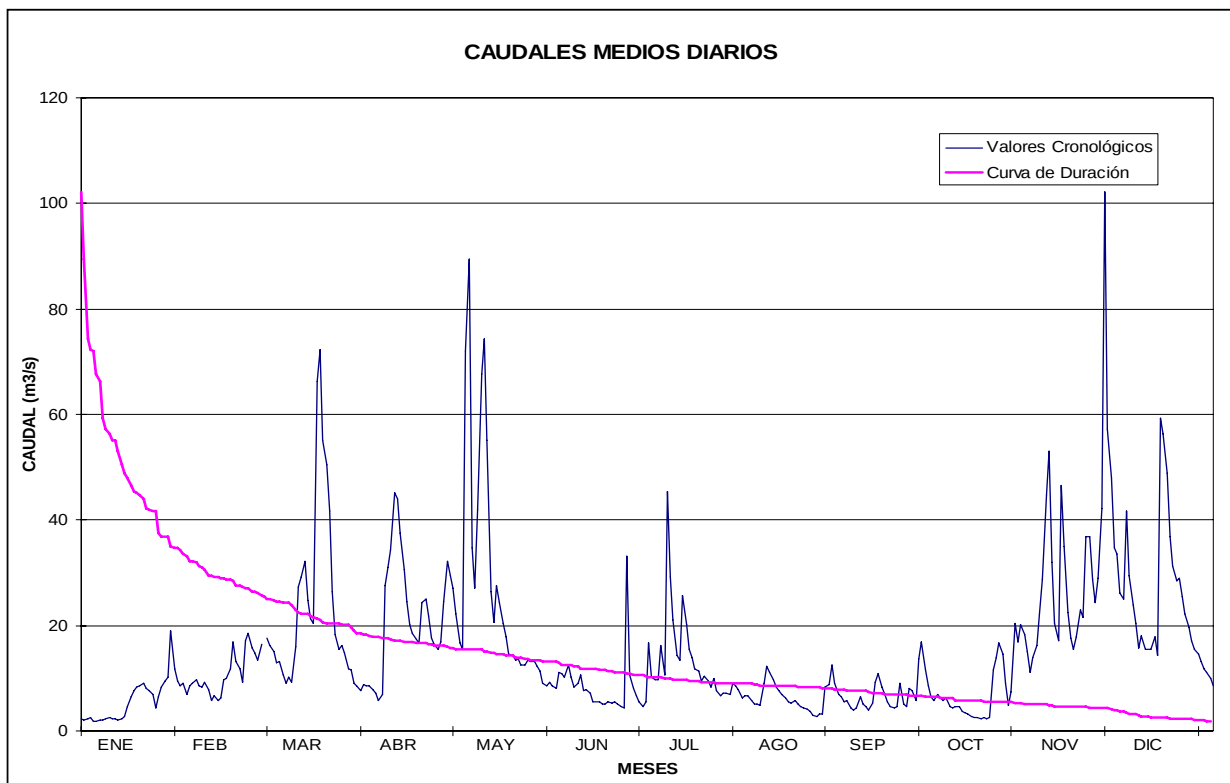
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

H895	TOMEBAMBA EN MONAY											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	2.332 *	9.522 *	17.581 *	8.812 *	22.26 *	8.643 *	5.53 *	6.368 *	7.005 *	6.495 *	15.069 *	26.208 *
2	2.032 *	8.499 *	16.205 *	8.643 *	16.789 *	8.221 *	16.658 *	6.747 *	6.502 *	5.881 *	11.077 *	25.008 *
3	2.257 *	9.089 *	15.073 *	8.499 *	15.448 *	11.075 *	10.284 *	6.619 *	5.53 *	6.874 *	13.794 *	41.72 *
4	2.494 *	7.005 *	12.913 *	7.804 *	71.931 *	10.915 *	9.671 *	5.881 *	5.764 *	6.368 *	16.187 *	29.441 *
5	1.962 *	8.643 *	13.095 *	7.273 *	89.507 *	10.131 *	9.676 *	5.185 *	4.427 *	5.881 *	22.249 *	23.858 *
6	1.96 *	8.932 *	10.602 *	5.771 *	34.75 *	12.506 *	16.209 *	5.075 *	3.917 *	6.247 *	28.687 *	20.276 *
7	2.032 *	9.671 *	8.932 *	6.901 *	27.174 *	10.138 *	10.611 *	4.854 *	4.321 *	4.638 *	44.735 *	15.826 *
8	2.18 *	8.643 *	10.131 *	27.496 *	41.973 *	8.359 *	45.385 *	9.089 *	6.495 *	4.427 *	53.123 *	17.984 *
9	2.412 *	8.359 *	9.371 *	31.046 *	67.565 *	8.949 *	29.079 *	12.234 *	5.189 *	4.53 *	32.058 *	15.448 *
10	2.489 *	9.376 *	16.032 *	34.283 *	74.425 *	10.602 *	20.995 *	11.077 *	4.53 *	4.535 *	20.495 *	15.469 *
11	2.332 *	7.81 *	27.448 *	45.197 *	55.192 *	7.533 *	14.346 *	9.825 *	3.917 *	3.628 *	17.183 *	15.448 *
12	2.332 *	5.881 *	29.168 *	44.101 *	26.455 *	7.966 *	13.491 *	8.359 *	5.318 *	3.44 *	46.604 *	17.785 *
13	2.032 *	6.747 *	32.304 *	37.549 *	20.702 *	7.273 *	25.727 *	7.666 *	9.367 *	3.257 *	35.013 *	14.337 *
14	2.337 *	5.764 *	24.777 *	30.47 *	27.663 *	5.645 *	20.092 *	6.874 *	10.92 *	2.817 *	22.491 *	59.355 *
15	2.735 *	6.247 *	21.364 *	24.538 *	24.309 *	5.53 *	15.634 *	6.247 *	8.359 *	2.571 *	17.588 *	56.218 *
16	4.673 *	9.676 *	20.495 *	20.06 *	20.276 *	5.645 *	13.794 *	5.645 *	7.005 *	2.651 *	15.448 *	48.839 *
17	6.496 *	10.02 *	66.258 *	18.594 *	17.785 *	5.185 *	11.73 *	5.412 *	5.649 *	2.419 *	17.806 *	36.729 *
18	7.533 *	11.73 *	72.171 *	17.384 *	14.703 *	5.075 *	11.408 *	5.881 *	4.744 *	2.656 *	22.917 *	31.246 *
19	8.359 *	16.997 *	55.192 *	16.597 *	14.333 *	5.53 *	9.522 *	5.185 *	4.321 *	2.412 *	21.618 *	28.412 *
20	8.499 *	13.095 *	50.476 *	24.318 *	13.439 *	5.3 *	10.442 *	4.744 *	4.544 *	2.656 *	36.828 *	28.916 *
21	8.932 *	11.73 *	41.665 *	25.002 *	13.614 *	5.645 *	9.522 *	4.321 *	9.036 *	11.568 *	36.729 *	25.483 *
22	8.216 *	9.371 *	26.489 *	21.815 *	12.569 *	5.185 *	8.359 *	4.22 *	5.081 *	14.015 *	28.666 *	22.249 *
23	7.666 *	17.19 *	18.408 *	17.581 *	12.574 *	4.744 *	10.002 *	3.722 *	4.748 *	16.789 *	24.301 *	19.636 *
24	7.005 *	18.607 *	15.448 *	16.4 *	13.446 *	4.321 *	7.533 *	2.904 *	8.079 *	14.534 *	28.88 *	17.183 *
25	4.427 *	15.822 *	16.205 *	15.448 *	13.089 *	33.013 *	6.747 *	2.735 *	7.711 *	9.089 *	42.106 *	15.634 *
26	6.437 *	14.885 *	14.891 *	16.988 *	13.275 *	10.764 *	7.133 *	3.17 *	5.764 *	4.872 *	102.128 *	14.699 *
27	8.243 *	13.439 *	11.899 *	24.633 *	12.23 *	8.221 *	7.138 *	3.257 *	13.705 *	7.382 *	57.244 *	13.266 *
28	9.522 *	16.4 *	11.568 *	32.138 *	11.242 *	6.623 *	6.878 *	8.29 *	16.841 *	20.495 *	47.877 *	11.73 *
29	10.209 *		8.932 *	29.431 *	8.932 *	5.53 *	8.932 *	8.827 *	11.568 *	16.997 *	34.75 *	11.077 *
30	18.904 *		8.643 *	27.182 *	8.643 *	4.744 *	8.503 *	12.401 *	8.503 *	20.081 *	33.655 *	9.98 *
31	11.899 *		7.533 *		9.371 *		7.943 *	8.938 *		18.275 *		8.503 *
Caudal Max.	21.796 *	19.634 *	84.013 *	51.117 *	124.647 *	38.115 *	76.618 *	13.437 *	20.918 *	24.53 *	113.508 *	60.775 *
Día	30	24	17	11	4	25	8	29	27	30	26	14
Hora	17	18	18	18	18	7	18	18	18	18	18	8
Caudal Min.	1.82 *	5.527 *	7.264 *	5.297 *	8.356 *	4.217 *	5.297 *	2.569 *	3.818 *	2.105 *	10.755 *	8.077 *
Día	5	14	31	6	30	24	1	25	6	17	2	31
Hora	17	18	18	18	7	18	17	8	7	7	18	18
Caudal Medio	5.514	10.684	22.944	21.732	26.634	8.3	13.193	6.508	6.962	7.693	31.577	23.805

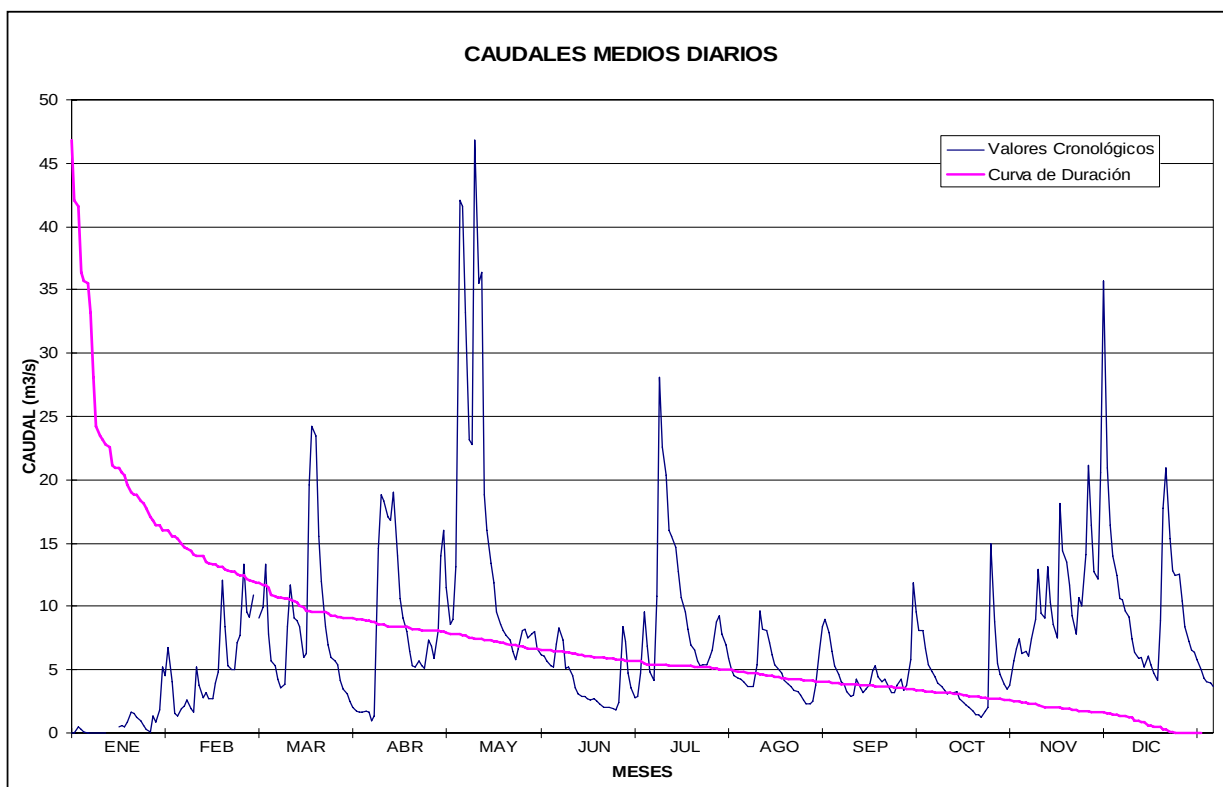
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

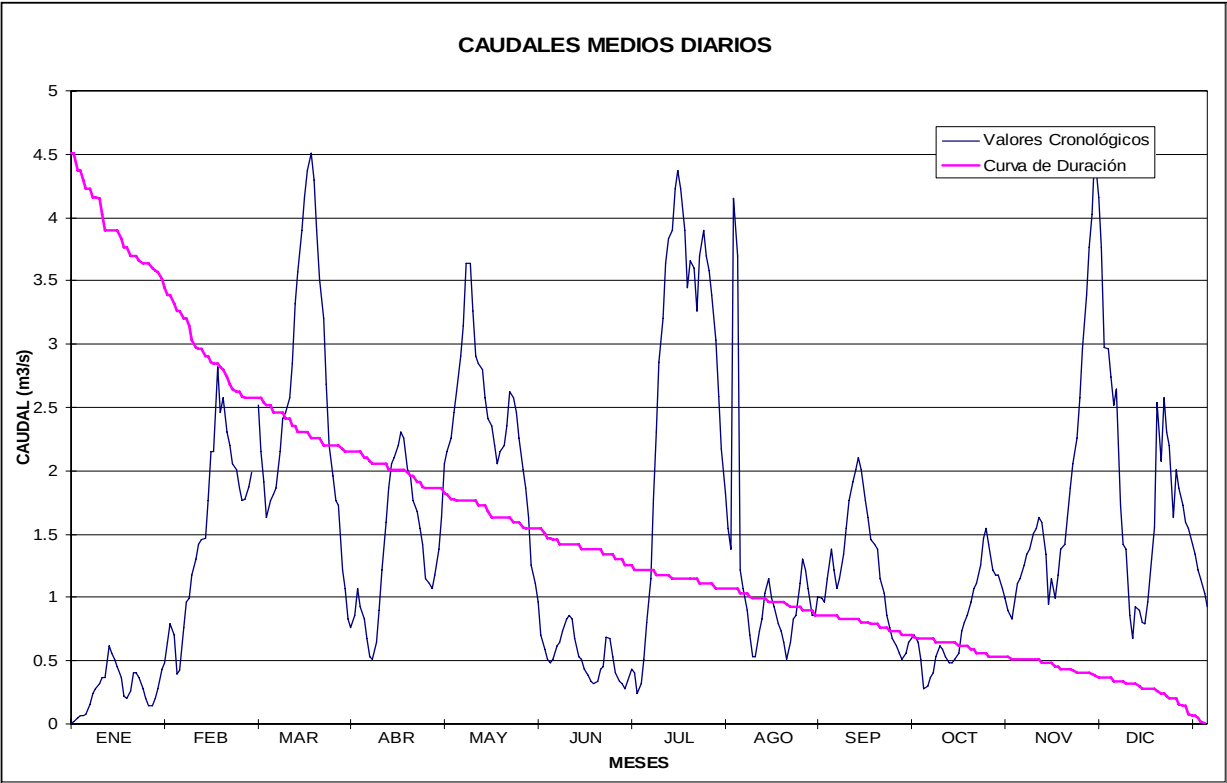
H896	MATADERO EN SAYAUSI											INAMHI
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.017 *	6.714 *	9.065 *	1.758 *	8.625 *	5.679 *	4.69 *	4.302	5.328	5.417	6.487	10.61
2	0.009 *	4.087 *	9.98 *	1.663 *	8.962 *	5.334 *	9.522 *	4.243	4.588	4.79	6.081	10.478
3	0.506 *	1.573 *	13.322 *	1.663 *	13.135 *	5.167 *	6.816 *	4.083	4.091	4.401	7.414	9.662
4	0.262 *	1.398 *	7.777 *	1.711 *	42.049 *	7.032 *	4.839 *	3.657	3.893	3.922	8.991	9.217
5	0.053 *	1.96 *	5.679 *	1.663 *	41.572 *	8.301 *	4.14 *	3.645	3.305	3.671	12.937	7.414
6	0.028 *	2.112 *	5.34 *	0.935 *	33.19 *	7.371 *	10.811 *	3.642	2.932	3.333	9.456	6.389
7	0.013 *	2.56 *	4.293 *	1.346 *	23.12 *	5.1 *	28.056 *	5.384	2.99	3.122	9.038	5.896
8	0.009 *	1.954 *	3.566 *	14.531 *	22.775 *	5.216 *	22.606 *	9.618	4.235	3.181	13.135	5.99
9	0.007 *	1.663 *	3.856 *	18.82 *	46.775 *	4.533 *	20.38 *	8.177	3.563	3.19	10.287	5.258
10	0.004 *	5.166 *	8.429 *	18.342 *	35.49 *	3.566 *	15.999 *	8.119	3.165	3.302	8.604	6.046
11	0.003 *	3.781 *	11.702 *	17.069 *	36.39 *	3.1 *	15.559 *	7.158	3.447	2.679	7.561	5.402
12	0.003 *	2.789 *	9.087 *	16.774 *	18.835 *	2.849 *	14.666 *	6.199	3.875	2.403	18.18	4.687
13		3.165 *	8.878 *	19.025 *	15.991 *	2.849 *	12.738 *	5.44	4.878	2.19	14.336	4.198
14		2.728 *	8.421 *	13.976 *	13.41 *	2.728 *	10.709 *	5.002	5.309	2.036	13.505	8.923
15		2.728 *	5.945 *	10.593 *	11.828 *	2.611 *	9.518 *	4.706	4.455	1.725	11.672	17.737
16	0.499 *	3.921 *	6.23 *	9.065 *	9.522 *	2.671 *	8.195 *	4.155	4.04	1.444	9.267	20.942
17	0.6 *	4.839 *	19.618 *	7.986 *	8.625 *	2.499 *	6.956	3.821	4.202	1.456	7.786	15.32
18	0.499 *	12.039 *	24.187 *	6.499 *	8.092 *	2.27 *	6.578	3.713	3.833	1.243	10.699	12.88
19	0.867 *	8.421 *	23.412 *	5.34 *	7.674 *	2.057 *	5.723	3.349	3.215	1.784	10.028	12.479
20	1.663 *	5.334 *	15.538 *	5.167 *	7.371 *	2.057 *	5.303	3.244	3.199	2	14.138	12.55
21	1.535 *	5 *	11.953 *	5.679 *	6.499 *	2.006 *	5.394	3.04	3.792	14.985	21.092	10.402
22	1.233 *	5 *	8.421 *	5.34 *	5.767 *	1.954 *	5.396	2.647	4.256	8.742	16.377	8.394
23	1.01 *	7.177 *	6.976 *	5.083 *	6.625 *	1.855 *	6.027	2.291	3.362	5.547	12.733	7.269
24	0.569 *	7.674 *	5.948 *	7.376 *	8.092 *	2.453 *	6.573	2.295	3.756	4.641	12.16	6.587
25	0.262 *	13.322 *	5.679 *	6.816 *	8.207 *	8.421 *	8.816	2.493	5.824	3.859	20.589	6.402
26	0.135 *	9.518 *	5.428 *	5.856 *	7.572 *	7.279 *	9.238	3.786	11.885	3.511	35.693	5.814
27	1.313 *	9.177 *	4.14 *	8.092 *	7.777 *	4.76 *	7.848	6.592	9.576	3.77	20.921	5.003
28	0.837 *	10.954 *	3.497 *	13.976 *	7.99 *	3.532 *	6.941	8.438	8.088	5.682	16.388	4.361
29	1.856 *		3.1 *	15.991 *	6.689 *	2.789 *	5.88	8.945	8.139	6.646	14.03	4.065
30	5.216 *		2.499 *	11.49 *	6.217 *	2.849 *	5.013	7.898	6.626	7.436	12.428	3.942
31	4.533 *		2.006 *		6.037 *		4.572	6.429		6.295		3.622
Caudal Max.		14.952 *	28.837 *	21.311 *	70.828 *	9.065 *	40.869 *	13.27	30.903	41.847	52.832	28.837
Día		25	19	13	4	25	7	8	25	21	26	16
Hora		7	6	7	18	7	18	13.4	23	0.2	3.4	1.2
Caudal Min.		1.313 *	1.954 *	0.935 *	5.679 *	1.855 *	3.635 *	2.162	2.728	1.154	5.679	3.497
Día		4	31	6	22	23	6	24	6	18	2	31
Hora		7	18	7	18	7	7	0.5	8.1	19.1	16.1	10.3
Caudal Medio	0.841	5.241	8.515	8.654	15.836	4.03	9.532	5.049	4.795	4.142	13.067	8.321

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997												
CAUDALES MEDIOS DIARIOS (m3/s)												
H897	SURUCUCHO AJ LLULLUCCHAS											CREA
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.009 *	0.647 *	2.52 *	0.862 *	2.155 *	0.588 *	0.241 *	4.15 *	1.38 *	0.279 *	1.144 *	2.518 *
2	0.019 *	0.796 *	2.155 *	1.071 *	2.256 *	0.507 *	0.321 *	3.697 *	1.22 *	0.299 *	1.259 *	2.644 *
3	0.048 *	0.704 *	1.911 *	0.928 *	2.465 *	0.482 *	0.509 *	1.22 *	1.07 *	0.364 *	1.339 *	1.726 *
4	0.067 *	0.394 *	1.635 *	0.829 *	2.627 *	0.507 *	0.798 *	1.07 *	1.144 *	0.408 *	1.38 *	1.421 *
5	0.067 *	0.423 *	1.77 *	0.674 *	2.909 *	0.616 *	1.145 *	0.895 *	1.339 *	0.534 *	1.505 *	1.379 *
6	0.078 *	0.765 *	1.816 *	0.534 *	3.143 *	0.645 *	1.777 *	0.706 *	1.547 *	0.616 *	1.547 *	0.861 *
7	0.157 *	0.966 *	1.863 *	0.507 *	3.636 *	0.735 *	2.308 *	0.534 *	1.77 *	0.588 *	1.635 *	0.674 *
8	0.241 *	0.999 *	2.155 *	0.645 *	3.636 *	0.829 *	2.855 *	0.534 *	1.91 *	0.534 *	1.591 *	0.928 *
9	0.28 *	1.182 *	2.412 *	0.895 *	3.263 *	0.861 *	3.204 *	0.734 *	2.007 *	0.482 *	1.339 *	0.895 *
10	0.32 *	1.299 *	2.465 *	1.221 *	2.909 *	0.829 *	3.636 *	0.829 *	2.105 *	0.482 *	0.947 *	0.798 *
11	0.364 *	1.421 *	2.573 *	1.591 *	2.851 *	0.675 *	3.83 *	1.034 *	2.006 *	0.507 *	1.145 *	0.796 *
12	0.363 *	1.462 *	2.851 *	1.863 *	2.795 *	0.534 *	3.895 *	1.144 *	1.77 *	0.56 *	0.998 *	0.963 *
13	0.616 *	1.463 *	3.324 *	2.055 *	2.573 *	0.507 *	4.231 *	0.998 *	1.635 *	0.734 *	1.182 *	1.3 *
14	0.56 *	1.77 *	3.573 *	2.104 *	2.412 *	0.433 *	4.368 *	0.928 *	1.462 *	0.798 *	1.379 *	1.557 *
15	0.507 *	2.155 *	3.895 *	2.205 *	2.359 *	0.386 *	4.23 *	0.796 *	1.421 *	0.861 *	1.421 *	2.535 *
16	0.457 *	2.157 *	4.162 *	2.307 *	2.205 *	0.341 *	3.895 *	0.735 *	1.379 *	0.963 *	1.636 *	2.077 *
17	0.363 *	2.816 *	4.369 *	2.256 *	2.055 *	0.32 *	3.448 *	0.645 *	1.144 *	1.07 *	1.863 *	2.573 *
18	0.225 *	2.465 *	4.507 *	2.006 *	2.155 *	0.341 *	3.657 *	0.507 *	1.034 *	1.107 *	2.055 *	2.308 *
19	0.206 *	2.573 *	4.299 *	1.958 *	2.205 *	0.433 *	3.598 *	0.645 *	0.862 *	1.259 *	2.256 *	2.205 *
20	0.26 *	2.308 *	3.895 *	1.77 *	2.359 *	0.457 *	3.263 *	0.829 *	0.765 *	1.463 *	2.573 *	1.635 *
21	0.408 *	2.205 *	3.51 *	1.68 *	2.627 *	0.684 *	3.7 *	0.861 *	0.675 *	1.547 *	2.967 *	2.006 *
22	0.408 *	2.055 *	3.203 *	1.547 *	2.573 *	0.675 *	3.895 *	1.107 *	0.617 *	1.421 *	3.386 *	1.863 *
23	0.363 *	2.006 *	2.683 *	1.423 *	2.465 *	0.534 *	3.701 *	1.299 *	0.562 *	1.221 *	3.765 *	1.724 *
24	0.279 *	1.863 *	2.205 *	1.144 *	2.256 *	0.41 *	3.577 *	1.22 *	0.507 *	1.182 *	4.028 *	1.591 *
25	0.206 *	1.77 *	1.958 *	1.107 *	2.006 *	0.341 *	3.388 *	1.071 *	0.562 *	1.182 *	4.507 *	1.547 *
26	0.142 *	1.777 *	1.77 *	1.07 *	1.863 *	0.32 *	3.027 *	0.862 *	0.645 *	1.07 *	4.162 *	1.421 *
27	0.143 *	1.876 *	1.724 *	1.182 *	1.636 *	0.279 *	2.585 *	0.861 *	0.674 *	0.999 *	3.765 *	1.339 *
28	0.205 *	1.99 *	1.221 *	1.38 *	1.259 *	0.341 *	2.176 *	1.003 *	0.704 *	0.895 *	2.976 *	1.22 *
29	0.279 *		1.071 *	1.635 *	1.107 *	0.433 *	1.82 *	0.999 *	0.647 *	0.829 *	2.967 *	1.144 *
30	0.433 *		0.829 *	2.055 *	0.963 *	0.41 *	1.547 *	0.963 *	0.507 *	0.963 *	2.738 *	1.034 *
31	0.484 *		0.765 *		0.706 *		1.379 *	1.144 *		1.107 *		0.928 *
Caudal Max.	0.616 *	3.324 *	4.507 *	2.307 *	3.7 *	0.861 *	4.368 *	6.838 *	2.205 *	1.547 *	4.507 *	3.083 *
Día	13	17	17	16	7	9	14	1	10	20	25	2
Hora	6	18	18	18	18	18	7	6	6	18	6	18
Caudal Min.	0.009 *	0.172 *	0.734 *	0.507 *	0.616 *	0.279 *	0.241 *	0.507 *	0.507 *	0.279 *	0.674 *	0.674 *
Día	1	4	31	7	31	27	1	7	23	1	10	7
Hora	6	6	18	6	18	6	18	18	18	6	18	6
Caudal Medio	0.276	1.582	2.551	1.417	2.336	0.515	2.774	1.097	1.169	0.849	2.182	1.536

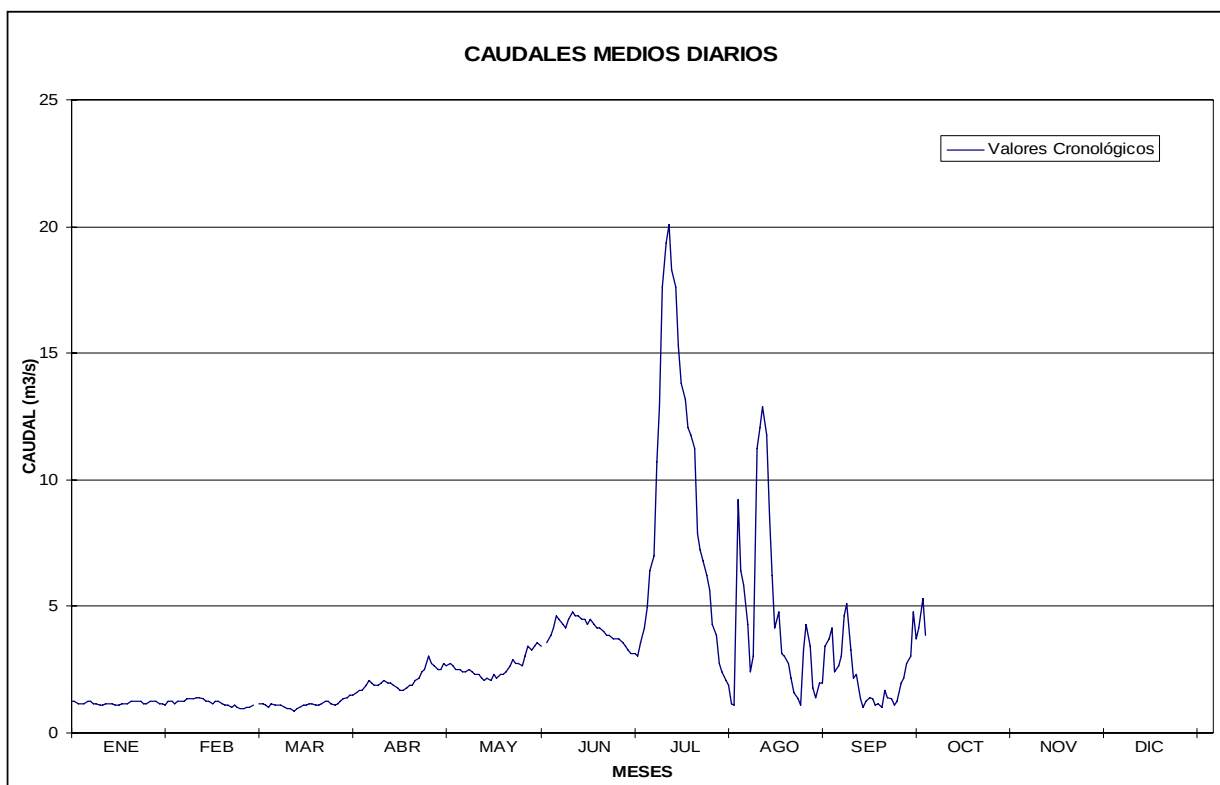
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

CAUDALES MEDIOS DIARIOS (m³/s)													
H902	DUDAS EN PINDILIG											INECEL	
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	1.255 *	1.255 *	1.177 *	1.596 *	2.771 *	3.564 *	3.564 *	9.237 *	2.415 *			
	2	1.255 *	1.255 *	1.177 *	1.689 *	2.65 *	3.852 *	4.154 *	6.42 *	2.65 *			
	3	1.177 *	1.177 *	1.102 *	1.689 *	2.531 *	4.154 *	4.961 *	5.849 *	3.023 *			
	4	1.177 *	1.255 *	1.029 *	1.882 *	2.531 *	4.629 *	6.42 *	4.309 *	4.629 *			
	5	1.177 *	1.255 *	1.177 *	2.086 *	2.415 *	4.467 *	7.02 *	2.415 *	5.132 *			
	6	1.255 *	1.255 *	1.102 *	1.983 *	2.415 *	4.309 *	10.728 *	3.023 *	3.287 *			
	7	1.255 *	1.336 *	1.102 *	1.882 *	2.531 *	4.154 *	12.91 *	11.253 *	2.193 *			
	8	1.177 *	1.336 *	1.102 *	1.882 *	2.415 *	4.467 *	17.607 *	12.066 *	2.303 *			
	9	1.177 *	1.336 *	1.029 *	1.983 *	2.303 *	4.793 *	19.351 *	12.91 *	1.336 *			
	10	1.102 *	1.42 *	0.959 *	2.086 *	2.303 *	4.629 *	20.075 *	11.792 *	1.029 *			
	11	1.102 *	1.42 *	0.959 *	1.983 *	2.193 *	4.629 *	18.294 *	8.537 *	1.255 *			
	12	1.177 *	1.336 *	0.892 *	1.983 *	2.086 *	4.467 *	17.607 *	6.226 *	1.42 *			
	13	1.177 *	1.255 *	0.959 *	1.882 *	2.193 *	4.467 *	15.315 *	4.154 *	1.336 *			
	14	1.177 *	1.255 *	1.029 *	1.784 *	2.086 *	4.309 *	13.786 *	4.793 *	1.102 *			
	15	1.102 *	1.177 *	1.102 *	1.689 *	2.303 *	4.467 *	13.198 *	3.154 *	1.177 *			
	16	1.102 *	1.255 *	1.102 *	1.689 *	2.193 *	4.309 *	12.066 *	3.023 *	1.029 *			
	17	1.177 *	1.255 *	1.177 *	1.784 *	2.303 *	4.154 *	11.792 *	2.771 *	1.689 *			
	18	1.177 *	1.177 *	1.177 *	1.882 *	2.303 *	4.154 *	11.253 *	2.193 *	1.42 *			
	19	1.177 *	1.102 *	1.102 *	1.882 *	2.415 *	4.002 *	7.867 *	1.596 *	1.336 *			
	20	1.255 *	1.102 *	1.102 *	2.086 *	2.65 *	3.852 *	7.227 *	1.336 *	1.102 *			
	21	1.255 *	1.029 *	1.177 *	2.193 *	2.896 *	3.852 *	6.817 *	1.102 *	1.255 *			
	22	1.255 *	1.102 *	1.255 *	2.415 *	2.771 *	3.707 *	6.226 *	3.287 *	1.983 *			
	23	1.255 *	1.029 *	1.255 *	2.531 *	2.771 *	3.707 *	5.665 *	4.309 *	2.193 *			
	24	1.177 *	0.959 *	1.177 *	3.023 *	2.65 *	3.707 *	4.309 *	3.424 *	2.771 *			
	25	1.177 *	0.959 *	1.102 *	2.771 *	3.023 *	3.564 *	3.852 *	1.784 *	3.023 *			
	26	1.255 *	1.029 *	1.177 *	2.65 *	3.424 *	3.424 *	2.771 *	1.42 *	4.793 *			
	27	1.255 *	1.029 *	1.255 *	2.531 *	3.287 *	3.287 *	2.415 *	1.983 *	3.707 *			
	28	1.255 *	1.102 *	1.336 *	2.531 *	3.424 *	3.154 *	2.086 *	1.983 *	4.154 *			
	29	1.177 *		1.42 *	2.771 *	3.564 *	3.154 *	1.882 *	3.424 *	5.307 *			
	30	1.177 *		1.507 *	2.65 *	3.424 *	3.023 *	1.177 *	3.707 *	3.852 *			
	31	1.102 *		1.507 *				1.102 *	4.154 *				
Caudal Max.		1.255 *	1.42 *	1.507 *	3.023 *		4.793 *	20.075 *	12.91 *	5.307 *			
Día		1	10	30	24		9	10	9	29			
Hora		7	7	7	7		7	7	7	7			
Caudal Mín.		1.102 *	0.959 *	0.892 *	1.596 *		3.023 *	1.102 *	1.102 *	1.029 *			
Día		10	25	12	1		30	31	21	10			
Hora		7	7	7	7		7	7	7	7			
Caudal Medio		1.193	1.195	1.152	2.115	2.627	4.013	8.822	4.762	2.463			

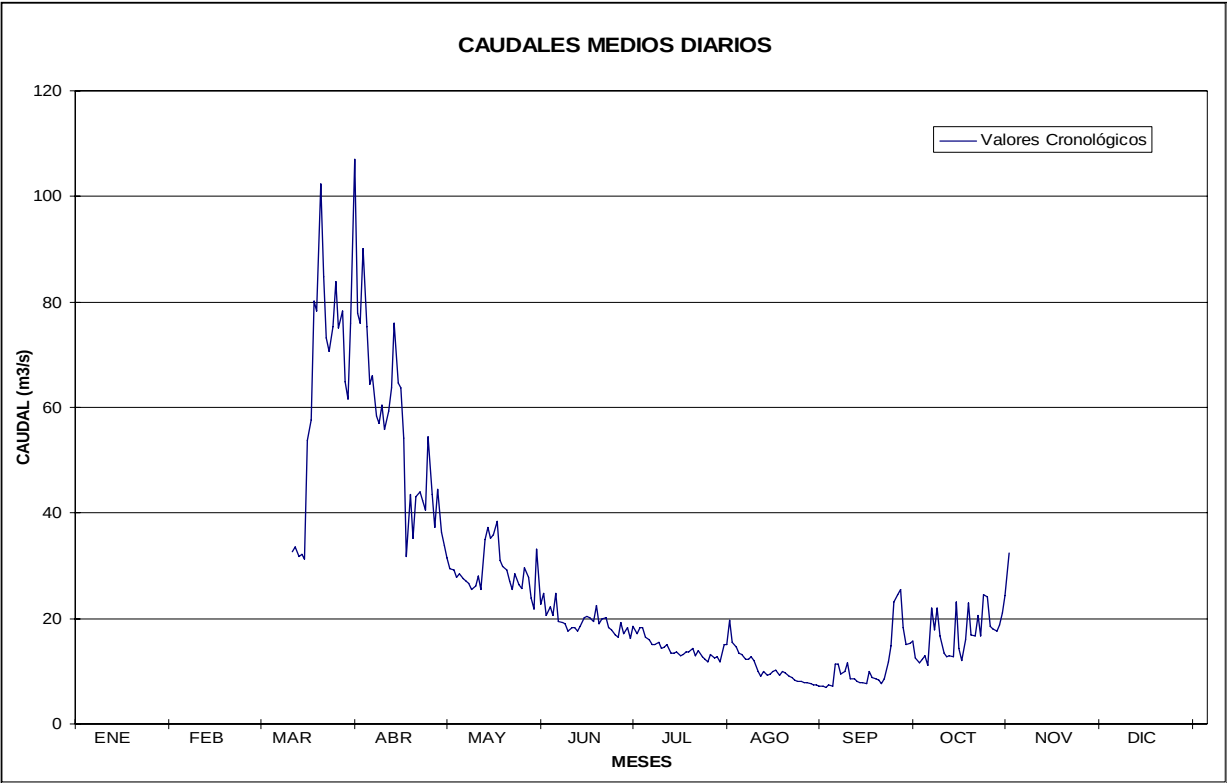
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

HA2Y		PACHIJAL A.J. GUAYLLABAMBA											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1				77.945	29.49	20.658	18.339	14.616	7.212	13.077		
	2				75.937	29.104	22.332	18.294	13.389	11.288	11.082		
	3				90.115	27.709	20.513	16.398	13.319	11.256	21.916		
	4				75.265	28.441	24.8	16.007	12.382	9.432	17.864		
	5				64.452	27.664	19.562	15.074	12.3	9.862	21.953		
	6				65.961	27.036	19.277	14.99	12.661	11.677	16.719		
	7				58.451	26.531	18.976	15.421	12.062	8.521	13.492		
	8				56.905	25.48	17.688	14.468	9.919	8.668	12.683		
	9				60.491	26.063	18.331	14.605	9.144	8.16	12.861		
	10				55.746	28.086	18.222	14.981	9.925	7.982	12.737		
	11			32.778	59.418	25.439	17.675	13.504	9.225	7.808	23.094		
	12			33.545	63.716	34.933	18.549	13.491	9.384	7.586	14.293		
	13			31.828	75.87	37.351	20.047	13.66	10.017	9.944	12.046		
	14			32.188	64.549	35.167	20.278	12.879	10.251	8.917	16.022		
	15			31.189	63.621	36.013	20.074	13.286	9.289	8.532	22.939		
	16			53.696	54.324	38.376	19.398	13.65	9.941	8.231	16.901		
	17			57.773	31.833	30.996	22.391	13.576	9.794	7.662	16.728		
	18			80.255	43.463	29.975	19.077	14.327	9.15	8.606	20.51		
	19			78.198	35.139	29.076	20.009	12.954	8.844	11.761	16.571		
	20			102.467	43.135	27.003	20.123	14.01	8.386	14.775	24.668		
	21			84.711	43.918	25.393	18.399	12.643	8.173	23.179	24.053		
	22			73.31	42.488	28.386	17.936	12.355	8.003	24.628	18.64		
	23			70.655	40.586	26.318	16.895	11.811	7.879	25.476	17.982		
	24			75.179	54.428	25.679	16.535	13.156	7.956	18.189	17.495		
	25			83.863	43.532	29.542	19.215	12.622	7.585	15.012	18.672		
	26			74.98	37.338	27.854	17.238	12.713	7.335	15.245	21.065		
	27			78.307	44.548	23.769	18.409	11.915	7.51	15.649	24.435		
	28			64.806	36.356	21.816	16.301	15.006	7.167	12.519	32.356		
	29			61.693	33.766	33.051	18.426	15.139	7.159	11.64			
	30			75.904	31.555	22.641	17.078	19.765	6.926	12.24			
	31			106.957		24.762		15.455	7.426				
Caudal Max.					132.986	120.47	39.683	28.555	15.669	98.364			
Día					3	12	13	29	13	21			
Hora					7.5	20.2	19.1	22.3	15.2	20.3			
Caudal Min.					29.164	17.593	15.669	11.469	6.857	6.675			
Día					18	28	29	28	31	1			
Hora					13	12.4	17.3	12.1	23.1	13.3			
Caudal Medio				65.918	54.162	28.682	19.147	14.403	9.584	12.055	18.316		

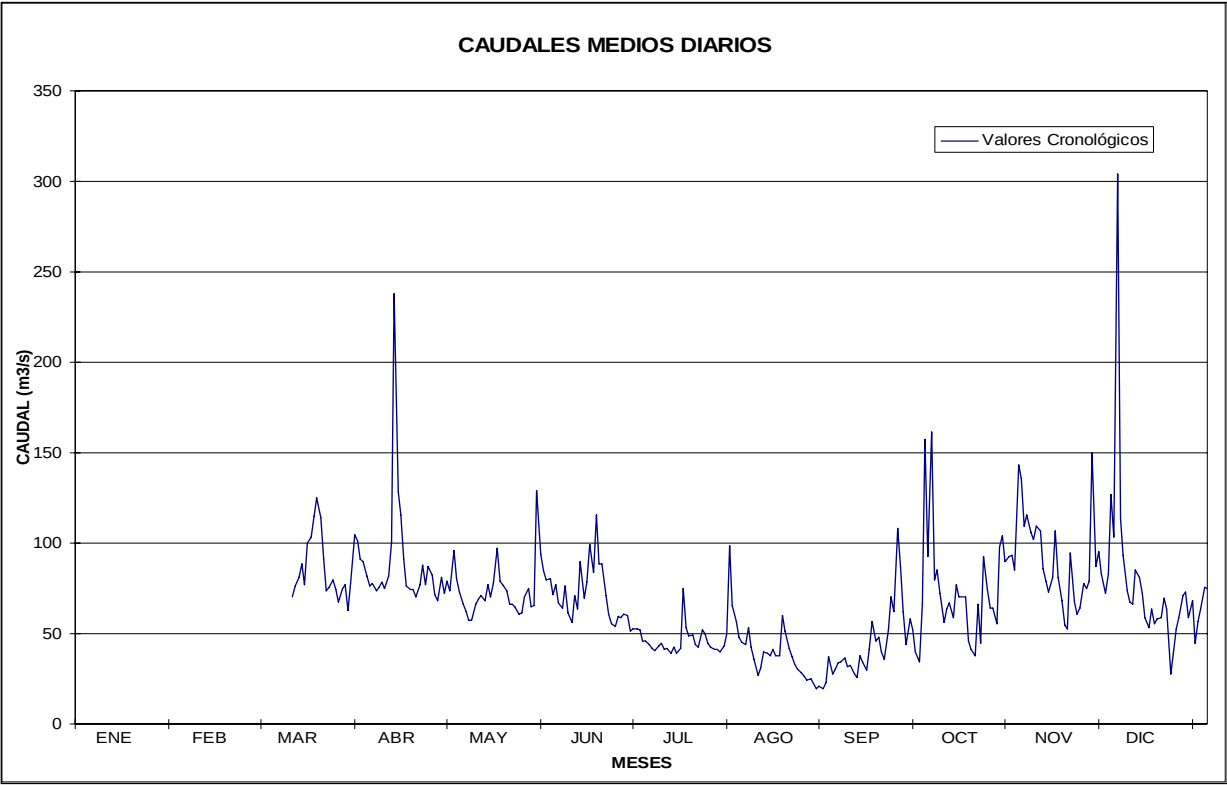
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

HA2Z		CAONI A.J. BLANCO										PREDESUR
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				101.107	73.876	79.583	51.893	56.488	27.691	157.681	135.967	103.439
2				91.371	95.934	80.384	46.223	47.78	30.46	92.811	109.748	304.088
3				89.866	80.378	71.691	45.918	45.373	34.061	161.405	115.722	113.227
4				82.093	73.152	76.948	44.18	43.933	34.774	80.059	106.03	93.153
5				76.563	66.001	67.024	41.719	53.493	36.159	85.407	101.925	73.851
6				77.491	62.118	64.166	40.422	42.45	31.422	72.003	109.353	67.315
7				73.95	57.734	76.468	43.056	35.638	32.295	56.298	106.837	65.893
8				75.364	57.436	61.703	44.522	27.26	27.702	63.782	85.672	85.152
9				78.153	66.377	56.164	40.934	30.872	25.941	67.131	78.759	80.934
10				75.248	68.809	70.846	41.754	39.627	37.619	58.719	72.693	72.279
11			69.933	81.635	70.989	63.796	39.137	39.177	34.209	77.296	81.396	59.024
12			76.095	100.756	68.319	89.561	42.682	37.793	29.863	70.428	107.087	53.204
13			81.044	238.119	77.301	69.365	38.917	40.92	41.35	70.428	81.374	63.204
14			88.673	128.335	70.165	78.189	41.709	38.162	56.495	70.428	68.184	55.278
15			77.132	115.396	77.957	99.569	74.942	37.938	45.864	46.244	54.94	58.296
16			99.758	90.919	97.156	83.893	53.349	59.827	48.242	41.468	52.405	58.739
17			103.333	76.254	78.971	115.831	48.347	51.324	39.541	38.076	94.866	69.315
18			115.079	74.24	77.19	88.591	49.19	41.862	36.046	66.164	67.892	63.817
19			124.723	74.421	73.37	88.46	44.17	37.176	51.948	44.917	61.099	27.656
20			114.041	70.075	66.033	71.106	42.61	32.93	70.403	92.521	64.048	39.249
21			91.017	76.708	65.988	60.539	52.265	30.353	62.488	74.377	77.974	52.912
22			73.89	87.766	65.046	55.267	50.229	28.214	107.827	64.065	75.163	58.882
23			75.829	76.766	60.901	54.198	44.527	26.277	86.675	64.086	78.966	71.018
24			79.663	87.366	61.392	59.528	42.603	24.577	62.226	55.681	150.182	73.3
25			74.324	82.309	70.47	58.977	41.097	24.806	44.25	97.823	87.344	58.491
26			67.499	71.63	75.288	60.731	41.025	22.047	58.1	103.757	95.454	68.058
27			75.051	68.099	64.592	59.824	39.696	19.7	52.341	89.588	83.423	44.777
28			77.267	80.904	65.474	51.571	43.063	20.632	39.761	92.386	72.304	57.075
29			63.01	72.368	128.747	52.955	49.748	19.345	34.268	93.054	83.13	63.326
30			77.496	78.871	94.236	52.674	98.706	22.898	65.966	85.289	127.198	75.39
31			104.711		84.685		65.25	37.031		143.239		75.009
Caudal Max.				493.341	224.695	234.419	124.188	218.404	402.277	531.713	330.248	638.853
Día				13	29	11	15	16	30	1	30	2
Hora				2.4	2.1	23.2	1.1	17.5	23.1	2	8.2	8.2
Caudal Min.				63.574	53.403	46.292	37.135	19.033	23.336	37.135	44.645	3.318
Día				28	8	29	28	29	1	17	16	19
Hora				14.2	12	14.3	13	11.3	13.3	12.3	15.4	20.5
Caudal Medio			86.17	88.471	74.067	70.653	47.867	35.997	46.2	79.891	89.571	74.366

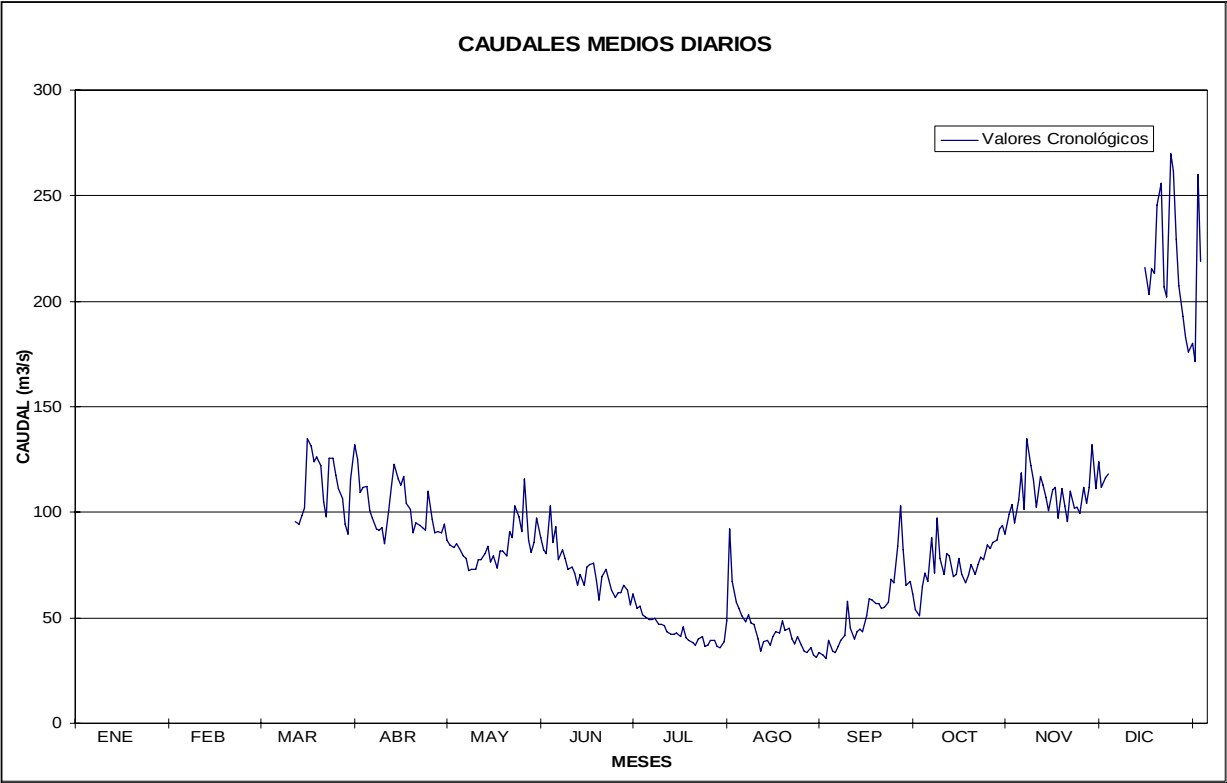
NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



ANUARIO HIDROLOGICO DE 1997
CAUDALES MEDIOS DIARIOS (m3/s)

HA30	MULAUTE D.J. COCANIGUAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				125.27	84.368	80.771	55.486	57.475	34.225	71.126	119.006	
2				109.485	83.662	102.861	51.602	54.163	33.723	67.418	101.23	
3				111.994	85.278	85.806	50.487	51.056	36.631	88.042	135.061	
4				112.085	82.966	93.123	49.103	48.302	39.489	71.427	122.038	
5				100.905	79.235	77.41	49.359	51.673	41.77	97.063	115.449	
6				97.548	77.953	82.461	49.546	47.535	58.046	78.189	102.614	
7				92.281	72.394	77.905	47.158	47.185	45.415	70.624	117.013	
8				91.415	72.789	72.843	46.844	39.894	39.866	80.231	113.014	
9				92.704	72.9	73.954	46.376	34.263	43.361	79.364	106.956	
10				85.315	77.466	71.456	43.432	38.826	44.536	69.751	101.055	
11				100.88	77.659	65.491	42.197	39.328	43.574	70.938	110.623	216.189
12			95.309	112.66	80.643	70.909	42.079	37.188	50.691	78.331	111.873	203.228
13			94.529	122.882	84.033	65.583	42.721	41.317	58.972	70.551	97.071	215.485
14			98.216	115.922	76.464	73.974	40.919	43.364	58.586	66.327	111.244	213.306
15			102.088	112.698	79.465	75.209	45.698	42.895	56.729	70.005	103.199	245.593
16			134.819	117.205	73.691	75.687	40.407	48.706	56.594	75.143	95.373	256.021
17			131.714	104.378	81.378	67.846	39.392	44.267	54.633	70.821	110.288	206.597
18			123.73	101.258	81.842	58.48	38.062	45.117	55.058	75.137	102.156	202.091
19			126.527	90.185	79.314	69.524	37.149	39.706	57.483	78.933	102.596	269.605
20			122.196	95.019	90.692	72.993	39.884	37.863	68.519	77.355	99.538	261.979
21			105.037	94.041	88.033	68.104	41.159	40.954	66.876	84.273	111.71	229.238
22			97.759	92.915	102.943	63.008	36.537	37.315	83.732	82.713	104.234	207.166
23			125.449	91.719	97.8	59.664	37.156	34.35	102.808	85.626	111.744	192.784
24			125.731	110.094	91.096	61.939	39.494	33.423	82.317	87.082	131.957	183.096
25			117.597	96.729	115.971	61.71	39.337	35.696	65.499	92.346	111.066	176.17
26			111.337	90.521	86.698	65.451	36.413	32.472	67.445	94.107	123.685	179.912
27			106.57	90.866	80.829	63.077	35.729	31.348	61.109	89.656	111.739	171.273
28			94.337	90.556	85.687	56.44	38.843	33.697	53.679	99.242	116.685	260.085
29			89.899	94.14	97.247	61.591	48.576	32.4	51.017	103.444	117.983	219.092
30			116.006	87.077	87.895	54.371	91.901	30.819	64.931	95.207		
31			132.288		82.331		67.09	39.459		105.965		249.8
Caudal Max.				250.878	160.164	154.403	134.443	65.947	160.164	150.638		
Día				24	28	2	30	13	22	31		
Hora				0.3	22.5	4.4	4.4	19.5	21.4	16.4		
Caudal Min.				82.337	68.144	51.857	34.669	29.91	31.893	54.691		
Día				28	8	30	28	30	2	2		
Hora				13.4	14.2	21.2	13.4	17.4	8.2	10.3		
Caudal Medio			112.557	101.025	84.217	70.988	45.488	41.034	55.91	81.498	110.972	217.935

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



REGISTRO DE AFOROS DE SEDIMENTOS EN SUSPENSION**A Ñ O 1997**DIVISION DE HIDROLOGIA
DEPARTAMENTO DE AGUAS SUBTERRANEAS Y SEDIMENTOLOGIA

E-3

CUENCA	CODIGO	E S T A C I O N	FECHA	LECTURA LIMNIMET. m.	CAUDAL m ³ /s	SEDIMENTOS	
						CONC.M. Kg/m ³	GAS.SOL. Kg/s
ESMERALD.	H-168	Esmeraldas D.J. Sade	97-10-15	3.82	939.576	0.5059	475.3315
	H-170	Guayllabamba A.J. Blanco	97-10-16	1.49	205.004	0.3439	70.5009
	H-158	Pita A.J. Salto	97-05-27	1.00	2.471	0.0102	0.0252
	H-167	Toachi en Sto. Domingo	97-10-11	0.65	111.675	1.081	120.7207
CHONE	H-229	Carrizal en Calceta	97-10-21	2.92	29.696	0.3765	11.1805
PORTOVIE.	H-AZD	Portoviejo en Picoazá	97-10-19	1.86	19.123	0.3583	6.8518
GUAYAS	H-340	Chimbo en Bucay	97-06-02	1.16	43.449	2.0402	88.6446
	H-338	Chimbo D.J. Pangor	97-06-01	0.96	13.800	0.4448	6.1382
	H-331	Chimbo en San Lorenzo	97-05-30	0.68	12.700	0.1334	1.6942
	H-334	De Chima Las Pesquerías	97-05-31	0.98	2.017	0.0638	0.1287
JUBONES	H-529	Jubones D.J. San Francisco	97-10-24	0.70	11.370	0.0585	0.6651
	H-530	Jubones en Ushcurrumi	97-10-25	2.50	12.739	0.0371	0.4726
PUYANGO	H-587	Pindo A.J. Amarillo	97-10-26	0.24	5.017	0.022	0.1104
TUMBEZ	H-591	Puyango en Pte. Carretera	97-10-28	1.11	65.639	2.8584	187.6225
CATAMAYO CHIRA	H-617	Arenal en Pte. Boquerón	97-05-12	0.47	15.669	0.0772	1.2096
	H-AZS	Catamayo en Pte. Vicín	97-10-30	0.89	18.181	5.0625	92.0413
	H-626	Macará en Pte. Internacional	97-10-31	-0.20	9.227	0.4449	4.1051
PASTAZA	H-792	Cutuchi A.J. Yanayacu	97-05-27	0.54	4.458	0.4394	1.9588
	H-826	Chambo en Hda. Cahuají	97-06-03	0.1	46.204	0.1182	5.4613
	H-817	Patate A.J. Ambato	97-05-29	0.89	16.423	0.2284	3.7510
SANTIAGO	H-881	Bomboiza A.J. Zamora	97-05-17	1.80	150.095	0.2292	34.4018
	H-883	Tutanangoza en Súcua	97-05-20	0.55	50.105	0.1208	6.0527
	H-887	Yacuambi A.J. Zamora	97-05-15	0.98	151.068	0.088	13.2940
	H-884	Zamora A.J. Bomboiza	97-05-03	2.95	788.929	0.6266	494.3429
	H-888	Zamora D.J. San Francisco	97-05-13	6.80	69.716	0.2945	20.5314
	H-889	Zamora D.J. Sabanilla	97-05-14	1.24	120.319	0.6867	82.6231

REGISTRO DE ANALISIS FISICO - QUIMICO

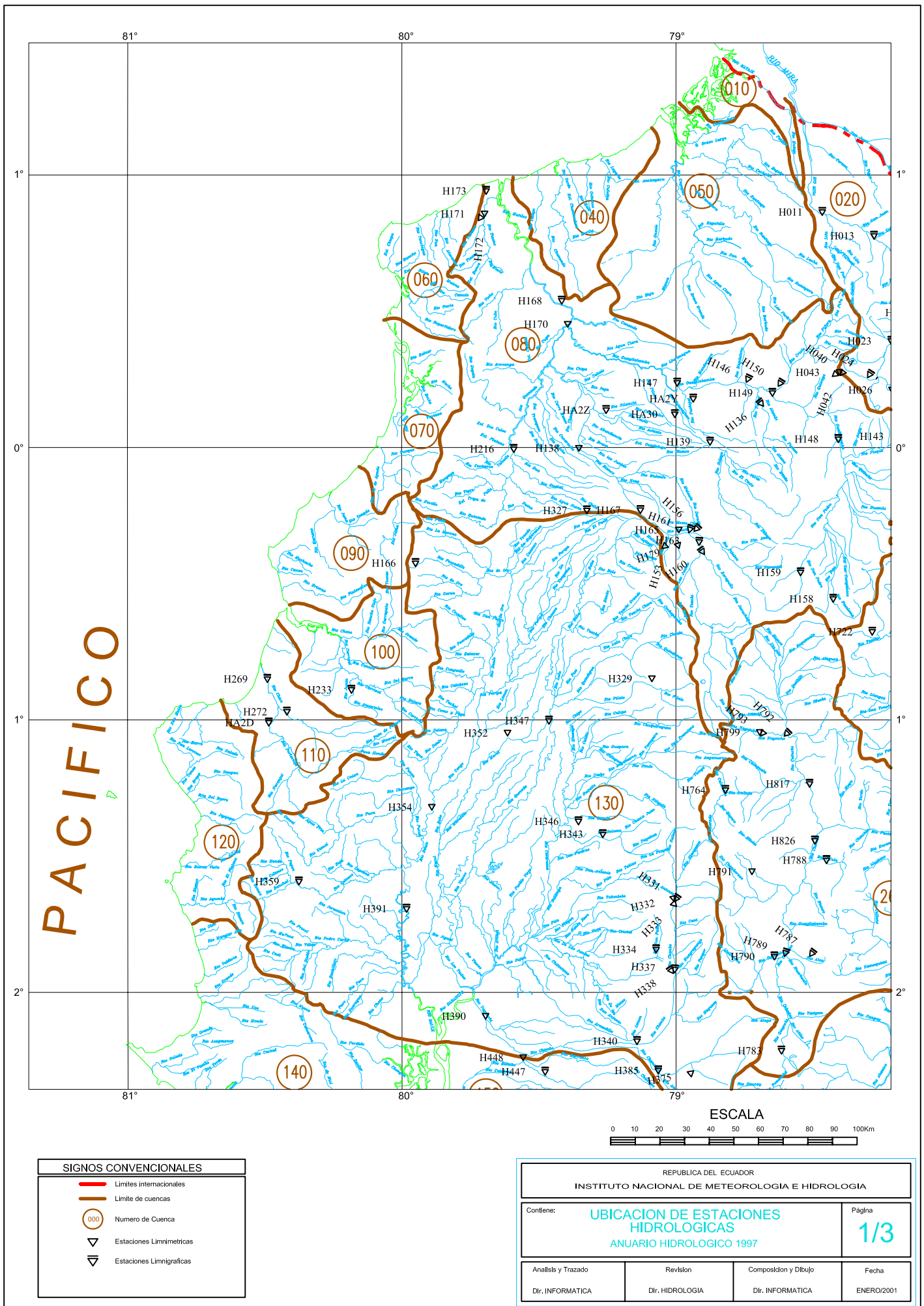
INFORMACION RED HIDROQUIMICA SUPERFICIAL

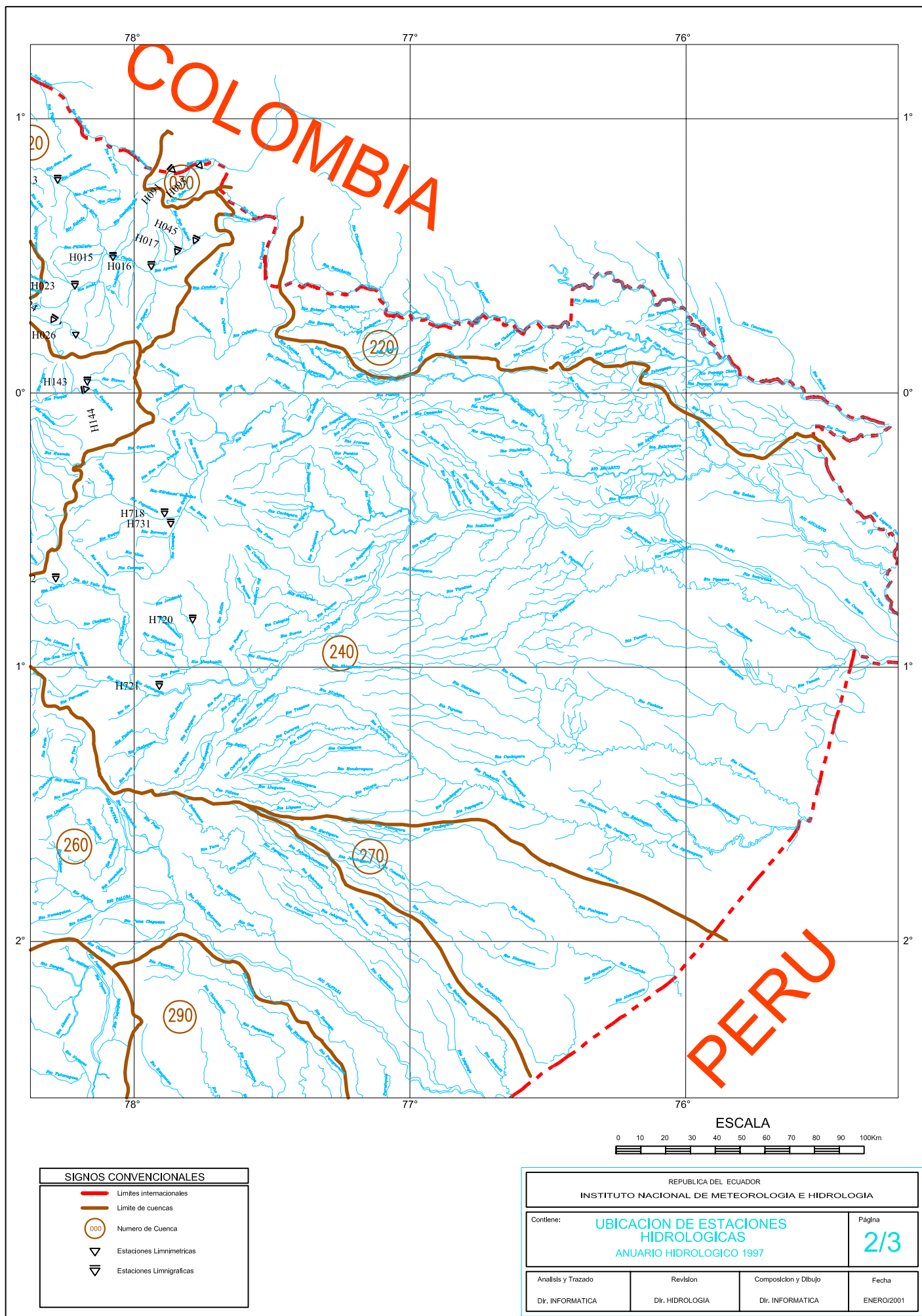
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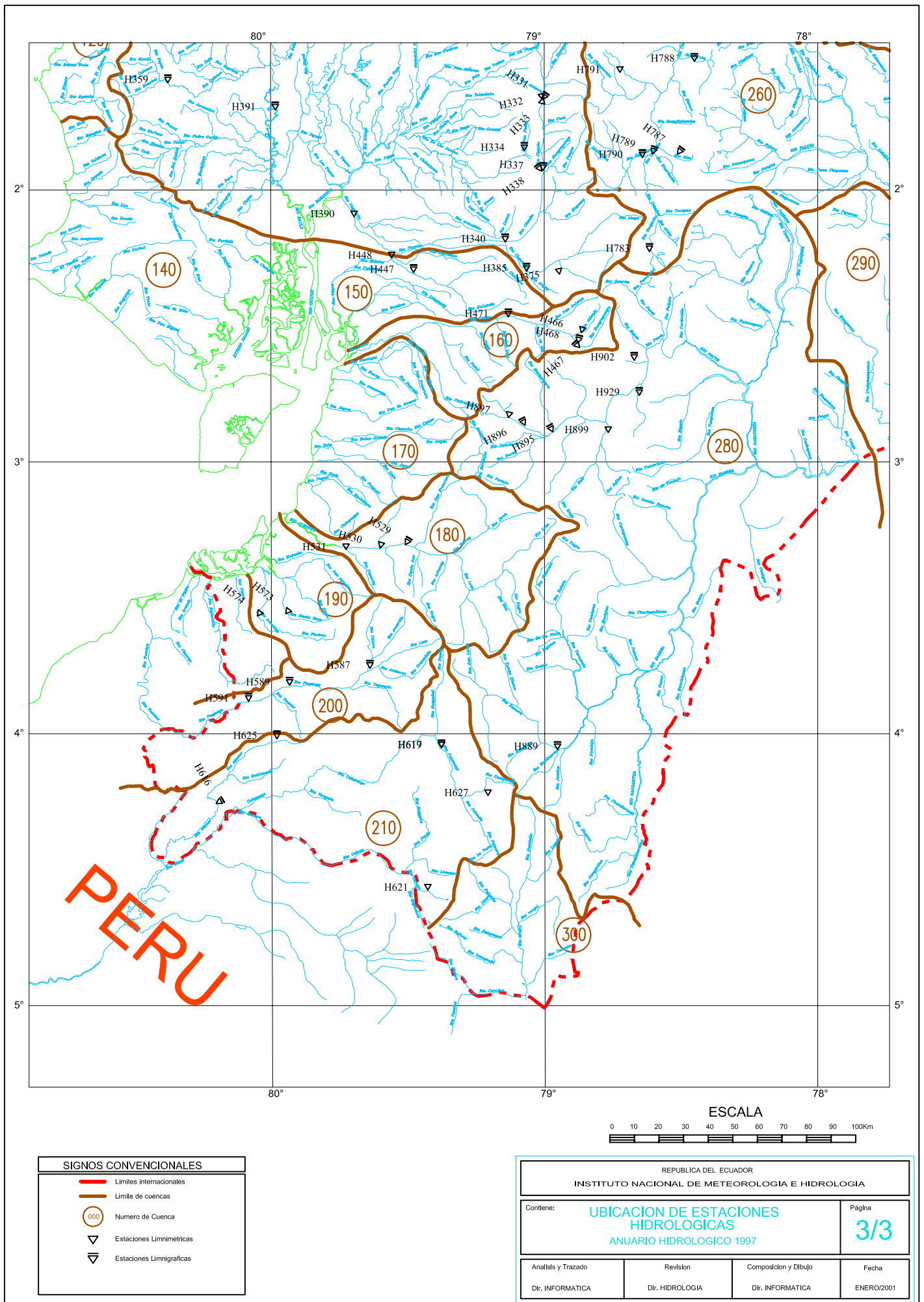
ESTACION	CODIGO ESTAC.	CODIG PROV	CLASE	FECHA	PARAMETROS DE CAMPO		PARAMETROS DE LABORATORIO																	INDICES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
					T.Ag	CE	pH	Turb. FTU	S.S. mg/l	A.T. mg/l	D.T. mg/l	NaCl mg/l	CO3H- mg/l	CO3= mg/l	SO4= mg/l	Cl- mg/l	NO3- mg/l	NO2- mg/l	PO4= mg/l	F- mg/l	C A T I O N E S								Cr+6 mg/l	Cu++ mg/l	Fe(T) mg/l	Mn++ mg/l	SAR	CSR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l	Mg++ mg/l

ANEXOS

Mapa e inventarios







INVENTARIO DE ESTACIONES HIDROMETRICAS SUPERFICIALES

CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD			LONGITUD			ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE INSTALACION		FECHA DE LEVANTAMIENTO	
				GG	MM	SS	GG	MM	SS				AA / MM / DD	AA / MM / DD		
20 CUENCA DEL RIO MIRA																
HA01	AC.PIQUER	LM	20	0 ° 39 ' 0 " N	77 ° 58 ' 0 " W	3100	10	INERHI								
HA03	AC.PUCHUES	LM	20	0 ° 39 ' 0 " N	77 ° 57 ' 0 " W	3010	10	INERHI								
HA02	AC.PUEBLO VIEJO	LM	20	0 ° 39 ' 0 " N	77 ° 58 ' 0 " W	3060	10	INERHI								
HA07	AC.PUERMAL	LM	20	0 ° 40 ' 0 " N	77 ° 57 ' 0 " W	3050	10	INERHI	85 / 11 /							
HA04	AC.PUERMAL BT COL.	LM	20	0 ° 39 ' 0 " N	77 ° 57 ' 0 " W	3025	10	INERHI								
HA06	AC.PUERMAL CANAL PRINCIPAL	LM	20	0 ° 39 ' 0 " N	77 ° 57 ' 0 " W	3025	10	INERHI								
HA05	AC.PUERMAL DESFOGUE	LM	20	0 ° 39 ' 0 " N	77 ° 57 ' 0 " W	3025	10	INERHI								
H023	AMBI DJ CARIYACU	LG	20	0 ° 22 ' 33 " N	78 ° 12 ' 42 " W	2015	11	INAMHI	63 / 8 / 1							
H060	AMBI EN PLTA.ELEC.AMBI	LM	20	0 ° 25 ' 0 " N	78 ° 7 ' 50 " W		11	INAMHI								
H047	APAQUI A GRUTA LA PAZ #1	LG	20				10	INAMHI	63 / 9 / 1						74 / 2 / 1	
H048	APAQUI A GRUTA LA PAZ #2	LM	20				10	INAMHI	63 / 9 / 1						82 / 7 / 1	
H016	APAQUI AJ CHOTA	LG	20	0 ° 26 ' 51 " N	77 ° 56 ' 5 " W	1715	10	INAMHI	8 / 5 / 6							
H017	APAQUI D GRUTA LA PAZ #3	LG	20	0 ° 30 ' 2 " N	77 ° 50 ' 46 " W	2365	10	INAMHI	72 / 1 / 2							
H010	APAQUI DJ CUASMAL(CHAMIZO)	LM	20	0 ° 32 ' 53 " N	77 ° 46 ' 26 " W	2750	10	INERHI	75 / 6 / 1							
H045	APAQUI DJ MINAS	LG	20	0 ° 32 ' 32 " N	77 ° 46 ' 55 " W	2650	10	INAMHI	63 / 8 / 1							
H049	APAQUI EN C.DE MAQUINAS	LM	20	0 ° 27 ' 51 " N	77 ° 55 ' 0 " W	1800	10	INAMHI	72 / 1 / 1						74 / 7 / 1	
H019	ATAL AJ APAQUI	LM	20	0 ° 31 ' 47 " N	77 ° 47 ' 46 " W	2790	10	INAMHI	72 / 1 / 12							
H061	BLANCO AJ AMBI	LM	20	0 ° 15 ' 17 " N	78 ° 16 ' 15 " W		11	INAMHI								
H013	BLANCO AJ MIRA	LG	20	0 ° 45 ' 42 " N	78 ° 16 ' 28 " W	890	10	INECEL	78 / 1 / 1							
H024	BLANCO EN PTE.CARRETERA	LG	20	0 ° 15 ' 14 " N	78 ° 17 ' 57 " W	0	11	INAMHI	82 / 1 / 1							
H063	BOBO DEL ANGEL AJ CARIYACU	LM	20	0 ° 38 ' 41 " N	77 ° 56 ' 19 " W	3125	10	INERHI	82 / 3 / 3							
H054	CANAL BOLANOS	LM	20				11	INAMHI	63 / 6 / 1						77 / 1 / 1	
H030	CANAL MOLINO(R.PEGUCHE)	LM	20	0 ° 13 ' 53 " N	78 ° 13 ' 55 " W	2660	11	INAMHI	63 / 12 / 1						84 / 9 / 19	
H046	CANAL MONTUFAR	LM	20				10	INECEL	83 / 6 / 1							
H029	CANAL SAN ROQUE(R.PEGUCHE)	LM	20	0 13 53 N	78 13 55 W	2660	11	INAMHI	63 / 6 / 1							
H031	CANAL VICTORIA(R.JATUNYACU)	LM	20	0 ° 15 ' 10 " N	78 ° 15 ' 55 " W	2470	11	INAMHI	64 / 12 / 1							
H062	CARIYACU AJ MALPASO	LM	20	0 ° 39 ' 41 " N	77 ° 57 ' 1 " W	2975	10	INERHI	82 / 3 / 1							
H006	COLORADO	LM	20	0 ° 42 ' 0 " N	77 ° 58 ' 0 " W	3300	10	INERHI	82 / 8 /							
H069	CORDOVA 1	LM	20	0 ° 22 ' 0 " N	77 ° 51 ' 21 " W	2150	11	INERHI	83 / 11 /							
H068	CORDOVA 2	LM	20	0 ° 23 ' 7 " N	77 ° 51 ' 50 " W	2750	11	INERHI	85 / 11 /							
HB15	CHALPATAN	LG	20	0 ° 43 ' 46 " N	77 ° 48 ' 59 " W	3268			84 /							
H071	CHAMACHAN	LG	20	0 ° 18 ' 19 " N	77 ° 58 ' 23 " W	2900	11	INERHI	8 / 11 /							
H015	CHOTA EN PTE.CARRETERA	LG	20	0 ° 28 ' 48 " N	78 ° 4 ' 25 " W	1515	10	INAMHI	75 / 12 / 2							
H064	EL ANGEL EN PTE.AYORA	LG	20	0 ° 38 ' 26 " N	77 ° 57 ' 5 " W	2850	10	INERHI	8 / 4 / 1							
H008	EL CARMEN	LM	20	0 ° 23 ' 25 " N	77 ° 51 ' 50 " W	2120	11	INERHI	83 / 11 /							
H067	ESPEJO	LM	20	0 ° 22 ' 0 " N	77 ° 51 ' 0 " W	2900	11	INERHI	85 / 11 /							
H075	HUARMYACU ABT AC.PUCHUES	LM	20				10	INERHI	8 / 11 /							
H065	HUARMYACU AJ MALPASO	LM	20	0 ° 39 ' 41 " N	77 ° 57 ' 29 " W	2970	10	INERHI	82 / 3 / 1							
H026	ITAMBI EN L.S.PABLO	LM	20	0 ° 11 ' 50 " N	78 ° 12 ' 32 " W	2650	11	INAMHI	65 / 7 / 1							
H025	JATUNYACU AJ BLANCO	LG	20	0 ° 15 ' 10 " N	78 ° 15 ' 55 " W	2470	11	INAMHI	64 / 12 / 1							
H032	LAGO S.PABLO EN MUELL.CHICAPAN	LM	20	0 ° 13 ' 10 " N	78 ° 14 ' 7 " W	2680	11	INAMHI	63 / 12 / 1						85 / 7 / 1	
H059	LAGUNA CUICOCHA	LM	20	0 ° 17 ' 45 " N	78 ° 21 ' 36 " W		11	M.A.G	84 / 1 / 15						84 / 1 / 4	
H055	LAGUNA MOJANDA	LM	20	0 ° 7 ' 12 " N	78 ° 16 ' 15 " W		11	INAMHI	71 / 8 / 1						77 / 11 / 1	
H012	LITA AJ MIRA	LG	20	0 ° 50 ' 20 " N	78 ° 27 ' 28 " W	505	11	INECEL	78 / 5 / 1						82 / 12 / 26	
H066	MALPASO-BT CANAL PUERMAL	LM	20	0 ° 39 ' 18 " N	77 ° 58 ' 55 " W	3060	10	INERHI	8 / 11 / 23							
H014	MIRA EN CARCHI	LG	20	0 ° 36 ' 34 " N	78 ° 8 ' 8 " W	1250	11	INAMHI	63 / 9 / 1							
H011	MIRA EN LITA	LG	20	0 ° 50 ' 57 " N	78 ° 27 ' 49 " W	475	20	INAMHI	63 / 12 / 1							
H073	MOJANDA	LM	20	0 ° 9 ' 0 " N	78 ° 16 ' 0 " W	3600	11	INERHI	78 / 1 /							
H056	PALACARA	LM	20	0 ° 31 ' 57 " N	78 ° 8 ' 22 " W	1540	11	INERHI	78 / 1 /							
H028	PEGUCHE EN L.S.PABLO	LM	20	0 ° 13 ' 53 " N	78 ° 13 ' 55 " W	2660	11	INAMHI	63 / 7 / 1						85 / 7 / 1	
H027	PEGUCHE EN VERTEDERO	LM	20	0 ° 14 ' 3 " N	78 ° 13 ' 58 " W	2655	11	INAMHI	72 / 11 / 1						85 / 7 / 1	
H070	PISQUE	LM	20	0 ° 20 ' 0 " N	77 ° 56 ' 0 " W	2100	11	INERHI	84 / 1 /							
H020	QDA.CHIMARRAS	LM	20				10	INAMHI	74 / 9 / 1						76 / 6 / 1	
H058	QDA.CHUMAVI	LG	20	0 ° 21 ' 14 " N	78 ° 21 ' 5 " W		11	INAMHI	84 / 1 / 15							
H052	QDA.JUAN IBARRA	LM	20				10	INECEL	74 / 9 / 1						76 / 6 / 1	
H053	QDA.NUECES	LM	20				10	INECEL	74 / 9 / 1						76 / 6 / 1	
H033	QDA.PIVARENCI	LM	20	0 ° 12 ' 53 " N	78 ° 14 ' 32 " W		11	INAMHI	65 / 8 / 1						85 / 7 / 1	
H051	QDA.PIZAN	LM	20				10	INECEL	74 / 9 / 1						76 / 6 / 1	
H035	QDA.PUNYARO EN OTAVALO	LM	20	0 ° 13 ' 30 " N	78 ° 15 ' 58 " W		11	INAMHI	65 / 6 / 1						85 / 7 / 1	
H036	QDA.ROSASPAMBA EN OTAVALO	LM	20	0 ° 13 ' 18 " N	78 ° 17 ' 15 " W		11	INAMHI	65 / 8 / 1						85 / 7 / 1	
H034	QDA.S.FRANCISCO EN OTAVALO	LM	20	0 ° 13 ' 22 " N	78 ° 17 ' 10 " W		11	INAMHI	65 / 8 / 1						85 / 7 / 1	
H050	QDA.S.MARTHA	LM	20				10	INECEL	74 / 9 / 1						76 / 6 / 1	
H021	QDA.TUNDAL	LM	20	0 ° 30 ' 35 " N	77 ° 48 ' 39 " W		10	INAMHI	74 / 9 / 1						84 / 1 / 1	
H009	RIO BLANCO IMBABURA	LM	20	0 ° 17 ' 52 " N	77 ° 54 ' 40 " W	2200	11	INERHI	83 / 11 /							
H022	SAN GABRIEL EN PTE.CARRETERA	LM	20	0 ° 45 ' 10 " N	77 ° 49 ' 38 " W	2850	10	INAMHI	72 / 9 / 1							
H072	SAN MIGUEL	LM	20	0 ° 22 ' 0 " N	77 ° 51 ' 0 " W	2150	11	INERHI	83 / 11 /							
H074	SAN PABLO	LM	20	0 ° 13 ' 0 " N	78 ° 14 ' 10 " W	2740	11	INERHI	81 / 1 /							
H007	SANTIAGUILLO	LM	20	0 ° 34 ' 0 " N	78 ° 7 ' 0 " W	1140	11	INERHI	78 / 1 /							
H037	TEJAR EN OTAVALO	LM	20	0 ° 13 ' 56 " N	78 ° 15 ' 52 " W	2540	11	INAMHI	65 / 6 / 1							
H044	VERTEDERO #1	LM	20				11	INAMHI	76 / 9 / 1							
H042	VERTEDERO #2	LM	20	0 ° 15 ' 35 " N	78 ° 24 ' 9 " W	3175	11	INAMHI	76 / 9 / 1						84 / 11 / 24	
H043	VERTEDERO #3	LM	20	0 ° 15 ' 43 " N	78 ° 24 ' 4 " W	3180	11	INAMHI	76 / 9 / 1							
H040	VERTEDERO CAMBUGAN	LM	20	0 ° 15 ' 39 " N	78 ° 23 ' 52 " W	3190	11	INAMHI	76 / 9 / 1							
H041	VERTEDERO INGUINCHO	LM	20	0 ° 15 ' 30 " N	78 ° 24 ' 8 " W	3200	11	INAMHI	76 / 9 / 1							
H038	VERTEDERO PARSHAL #1	LM	20	0 ° 15 ' 32 " N	78 ° 24 ' 4 " W	3160	11	INAMHI	76 / 9 / 1							
H039	VERTEDERO PARSHAL #2	LM	20	0 ° 15 ' 32 " N	78 ° 24 ' 4 " W	3160	11	INAMHI	76 / 9 / 1							
H057	YAGUARCOCHA	LM	20	0 ° 22 ' 48 " N	78 ° 6 ' 8 " W	2190	11	INERHI	78 / 2 /							
H018	YAIL AJ APAQUI	LM	20	0 ° 29 ' 39 " N	77 ° 50 ' 43 " W	2500	10	INAMHI	74 / 9 / 1							
30 CUENCA DEL RIO CARCHI																
H095	BOBO EN CHALPATAN	LG	30	0 ° 43 ' 58 " N	77 ° 48 ' 12 " W	3325	10	INERHI								
H093	BOBO EN PLTA.ELEC.TULCAN	LM	30	0 ° 48 ' 58 " N	77 ° 44 ' 55 " W	2880	10	INAMHI	65 / 8 / 1							
H092	CHICO AJ CARCHI	LM	30	0 ° 47 ' 56 " N	77 ° 49 ' 58 " W	3075	10	E.E.TULCAN	65 / 7 / 1							
H091	GRANDE AJ JATIVA	LG	30	0 ° 48 ' 18 " N	77 ° 50 ' 50 " W	3120	10	INAMHI	65 / 7 / 1							
H094	TUNEL LA COFRADIA	LM	30	0 ° 48 ' 2 " N	77 ° 49 ' 11 " W		10	E.E.TULCAN	68 / 6 / 1							
40 CUENCA DEL RIO VERDE																
H106	CAJOPE	LM	40	0 ° 59 ' 43 " N	79 ° 31 ' 39 " W		20	INERHI								

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CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD GG MM SS	LONGITUD GG MM SS	ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE INSTALACION AA / MM / DD	FECHA DE LEVANTAMIENTO AA / MM / DD
50 CUENCA DEL RIO CAYAPAS-ONZOLE										
H111	CAYAPAS EN TELEMBI	LG	50	0° 47 ' 0 " N	78° 56 ' 0 " W		20	INECEL	81 / 4 / 3	
H112	SANTIAGO EN SELVA ALEGRE	LG	50	0° 53 ' 57 " N	78° 50 ' 58 " W		20	INECEL	81 / 3 / 1	
60 CUENCA DEL RIO MUISNE										
H126	ESTERO TONSUPA	LM	60	0° 53 ' 18 " N	79° 48 ' 26 " W		20	INERHI	81 / 2 /	
H127	LA UNION-ATACAMES	LM	60	0° 48 ' 38 " N	79° 51 ' 56 " W		20	INERHI	81 / 1 /	
H128	SUA	LM	60	0° 51 ' 16 " N	79° 52 ' 37 " W		20	INERHI		
H129	TONCHIGUE	LM	60	0° 48 ' 0 " N	79° 55 ' 58 " W		20	INERHI		
70 CUENCA DEL RIO COJIMIES										
H135	CUAQUE	LM	70				21	CRM		
80 CUENCA DEL RIO ESMERALDAS										
HA09	AC.JAMBELI BT	LM	80	0° 33 ' 56 " S	78° 35 ' 13 " W	3100	12	INERHI	85 / 6 /	
HA08	AC.NIEVES BT H.SOLANDA	LM	80	0° 34 ' 43 " S	78° 38 ' 2 " W	3360	12	INERHI	85 / 6 /	
HA2C	AC.PARCAYACU	LM	80				12	E.M.A.P.Q.	81 / 8 / 26	
H136	ALAMBI EN CHURUPAMBA	LG	80	0° 9 ' 0 " N	78° 40 ' 50 " W	920	12	INECEL	76 / 9 / 2	
H138	BLANCO DJ TOACHI(PTE.UNICOOP)	LM	80	0° 1 ' 0 " S	79° 21 ' 10 " W		12	INAMHI	74 / 1 / 2	
H139	BLANCO EN LOS BANCOS	LG	80	0° 0 ' 20 " N	78° 52 ' 25 " W	795	12	INECEL	78 / 1 / 3	
H216	BUA AJ QUININDE	LG	80	0° 1 ' 15 " S	79° 35 ' 26 " W		12	INAMHI		
H142	CANAL EXCESO TABACUNDO	LM	80	0° 8 ' 59 " N	78° 1 ' 25 " W		12	INERHI	74 / 4 / 2	
H140	CANAL MOYURCO	LM	80				12	INERHI	74 / 4 / 1	
H141	CANAL TABACUNDO	LM	80	0° 8 ' 59 " N	78° 1 ' 24 " W		12	INERHI	74 / 4 / 1	
HA2Z	CAONI A.J. BLANCO	LG	80	0° 7 ' 20 " N	79° 15 ' 11 " W	140	12	PREDESUR		
H197	CAPELO AJ S.PEDRO	LM	80	0° 17 ' 57 " S	78° 27 ' 37 " W		12	INERHI	82 / 11 /	
H175	CUBI AJ GUAYLLABAMBA	LM	80				12	INECEL	85 / 6 / 1	
H179	DAMAS EN CTO.INECEL(EN DAMAS)	LM	80	0° 22 ' 25 " S	78° 59 ' 15 " W	1030	12	INECEL	66 / 1 / 1	72 / 2 / 1
H169	ESMERALDAS AJ TEAONE	LM	80	0° 55 ' 9 " N	79° 39 ' 17 " W		20	C.E.P.E.	74 / 1 / 1	
H168	ESMERALDAS DJ SADE	LG	80	0° 31 ' 24 " N	79° 24 ' 55 " W	50	20	INAMHI	65 / 2 / 1	
H203	ESTERO TACHINA	LM	80	0° 57 ' 52 " N	79° 37 ' 23 " W		20	INERHI	81 / 1 /	
H204	ESTERO TIMBRE	LM	80	0° 46 ' 43 " N	79° 39 ' 3 " W		20	INERHI	8 / 1 /	
H143	GRANOBLES AJ GUACHALA	LG	80	0° 1 ' 33 " N	78° 10 ' 0 " W	2750	12	INAMHI	62 / 4 / 1	
H144	GUACHALA AJ GRANOBLES	LG	80	0° 0 ' 47 " N	78° 9 ' 30 " W	2740	12	INAMHI	54 / 4 / 1	
H211	GUAMARAL EN CARMITO	LM	80				21	CRM		
H170	GUAYLLABAMBA AJ BLANCO	LM	80	0° 26 ' 19 " N	79° 23 ' 38 " W	90	20	INAMHI	74 / 1 / 2	
H145	GUAYLLABAMBA AJ CUBI	LG	80	0° 5 ' 35 " N	78° 25 ' 40 " W	1540	12	INAMHI	64 / 5 / 1	
H146	GUAYLLABAMBA DJ ALAMBI	LG	80	0° 14 ' 10 " N	78° 44 ' 30 " W	625	11	INAMHI	65 / 12 / 1	
H147	GUAYLLABAMBA DJ PACHIJAL	LG	80	0° 13 ' 20 " N	78° 59 ' 36 " W	410	12	INECEL	78 / 12 / 1	
H148	GUAYLLABAMBA DJ PISQUE	LG	80	0° 0 ' 56 " N	78° 24 ' 18 " W	1690	12	INECEL	78 / 9 / 2	
H200	GUAYLLABAMBA EN P.CARRETERA	LM	80	0° 3 ' 55 " S	78° 22 ' 15 " W		12	INERHI	8 / 3 /	
H149	GUAYLLABAMBA EN PTE.CHACAPATA	LG	80	0° 11 ' 6 " N	78° 38 ' 44 " W	860	11	INECEL	78 / 6 / 1	
H150	INTAG DJ PAMPLONA	LG	80	0° 13 ' 20 " N	78° 37 ' 25 " W	1000	11	INECEL	76 / 5 / 1	
H176	INTAG EN APUELA	LG	80	0° 21 ' 11 " N	78° 31 ' 0 " W	1230	11	INAMHI	63 / 9 / 1	88 / 5 / 13
H151	INTAG EN BALZAPAMBA	LM	80	0° 20 ' 12 " N	78° 32 ' 10 " W		11	INAMHI	8 / 8 / 18	
H201	JAMBELI EN P.CARRETERA	LM	80	0° 34 ' 8 " S	78° 35 ' 33 " W	3120	12	INERHI	85 / 6 /	
H152	LA CHIMBA EN OLMEDO	LM	80	0° 9 ' 3 " N	78° 2 ' 32 " W	3096	12	INERHI	74 / 4 / 1	
H153	LELIA DJ CRISTAL	LM	80	0° 22 ' 14 " S	79° 1 ' 32 " W	860	12	INECEL	67 / 1 / 1	76 / 1 / 25
H189	MACHANGARA EN DOS PUENTES	LM	80				12	E.M.A.P.Q.	82 / 1 / 6	
H137	MACHANGARA EN GUAPULO	LG	80	0° 12 ' 30 " S	78° 28 ' 32 " W	2800	12	E.M.A.P.Q.	65 / 7 / 2	79 / 5 / 1
H180	MONJAS AA PISCINAS	LM	80	0° 0 ' 50 " S	78° 5 ' 30 " W	3160	12	INAMHI	73 / 1 / 11	79 / 5 / 8
H154	MONJAS DJ QDA.COLORADA	LM	80	0° 0 ' 52 " S	78° 25 ' 32 " W	2270	12	INAMHI	72 / 8 / 1	79 / 9 / 3
H190	MONJAS EN EL COLEGIO	LM	80				12			
HA30	MULAUTE D.J. COCANIGUAS	LG	80	0° 6 ' 25 " N	79° 0 ' 8 " W	520	12			
HA2Y	PACHIJAL A.J. GUAYLLABAMBA	LG	80	0° 9 ' 50 " N	78° 56 ' 6 " W	520	12			
H202	PANTAVI	LG	80	0° 28 ' 22 " N	78° 24 ' 0 " W	3500	11	INERHI	81 / 1 /	
H212	PARCAYACU EN EL COLEGIO	LG	80				12	E.M.A.P.Q.	81 / 8 / 26	
H174	PERLABI AJ GUAYLLABAMBA	LM	80				12	INAMHI	85 / 7 / 1	
H156	PILATON AJ TOACHI	LG	80	0° 18 ' 37 " S	78° 55 ' 52 " W	890	12	INAMHI	64 / 2 / 1	
H188	PILATON D.J. CHITOA	LM	80	0° 20 ' 46 " S	78° 50 ' 36 " W		12			
H155	PILATON DJ SACALZON(EN LA TOMA)	LM	80	0° 21 ' 37 " S	78° 49 ' 50 " W	1130	12	INECEL	73 / 11 / 1	87 / 12 / 1
H178	PINNAN	LG	80	0° 28 ' 55 " N	78° 25 ' 15 " W	3040	11	INERHI	81 / 1 /	
H184	PITA ABT PITATAMBO	LM	80	0° 29 ' 14 " S	78° 25 ' 58 " W	3340	12	INERHI	75 / 9 / 5	
H158	PITA AJ SALTO	LG	80	0° 34 ' 15 " S	78° 25 ' 26 " W	3550	12	INAMHI	64 / 8 / 1	
H198	PITA EN TR.AL SAN PEDRO	LM	80	0° 17 ' 58 " S	78° 27 ' 2 " W		12	INERHI	82 / 1 /	
H182	QDA.COLORADA AJ MONJAS	LM	80	0° 0 ' 33 " N	78° 25 ' 50 " W		12	INAMHI	72 / 8 / 1	77 / 2 / 1
H214	QDA.EL BATAN	LG	80				12	E.M.A.P.Q.	81 / 8 / 26	
H213	QDA.RUMIPAMBA EN RUMANACCHA	LG	80				12	E.M.A.P.Q.	81 / 9 / 2	
H181	QDA.S.FRANCISCO(R.PITA)	LM	80				12	INAMHI	65 / 8 / 1	71 / 12 / 1
H177	QUININDE EN QUININDE	LG	80	0° 18 ' 45 " N	79° 28 ' 3 " W	110	20	INAMHI	82 / 8 / 1	
H215	SALTO DE LA LIBERTAD	LG	80				12	E.M.A.P.Q.	81 / 8 / 26	
H157	SAN PEDRO EN AMAGUANNA	LM	80	0° 22 ' 50 " S	78° 30 ' 54 " W		12	INERHI	75 / 1 / 23	
H193	SAN PEDRO EN BAT.CHIMBORAZO	LM	80	0° 20 ' 59 " S	78° 28 ' 9 " W		12	INERHI	82 / 1 /	
H159	SAN PEDRO EN MACHACHI	LG	80	0° 28 ' 25 " S	78° 32 ' 34 " W	2680	12	INAMHI	64 / 3 / 1	
H195	SAN PEDRO EN P.CA TUMBACO	LM	80	0° 12 ' 18 " S	78° 25 ' 15 " W		12	INERHI	82 / 12 /	
H192	SAN PEDRO EN P.EL MURCO	LM	80	0° 25 ' 56 " S	78° 32 ' 42 " W		12	INERHI	82 / 11 /	
H199	SAN PEDRO EN P.HOLIDAY	LM	80	0° 17 ' 51 " S	78° 27 ' 39 " W		12	INERHI	79 / 12 /	
H186	SAN PEDRO EN PTE.GUAPAC	LM	80	0° 31 ' 46 " S	78° 32 ' 50 " W	2920	12	INERHI	75 / 1 / 1	
H185	SAN PEDRO EN PTE.LA INCA	LM	80	0° 22 ' 30 " S	78° 30 ' 45 " W	2600	12	INERHI	75 / 1 / 1	
H194	SAN PEDRO EN S.P.TOBOADO	LM	80	0° 17 ' 53 " S	78° 27 ' 27 " W		12	INERHI	82 / 11 /	
H191	SAN PEDRO EN TESALIA-GUITIG	LM	80	0° 30 ' 3 " S	78° 32 ' 25 " W		12	INERHI	82 / 11 /	
H196	SANTA CLARA AJ S.PEDRO	LM	80	0° 20 ' 37 " S	78° 25 ' 33 " W		12	INERHI	82 / 1 /	
H160	SARAPULLO AJ TOACHI	LG	80	0° 23 ' 38 " S	78° 53 ' 38 " W	1020	12	INECEL	67 / 1 / 1	
H171	SUBERE AJ TEAONE	LM	80	0° 50 ' 36 " N	79° 41 ' 50 " W		20	INAMHI	76 / 3 / 1	
H173	TEAONE AJ ESMERALDAS	LG	80	0° 55 ' 35 " N	79° 41 ' 29 " W		20	INAMHI	76 / 1 / 1	
H172	TEAONE DJ TABIAZO	LM	80	0° 50 ' 37 " N	79° 41 ' 55 " W	16	20	C.E.P.E.	74 / 2 / 15	85 / 6 / 3
H165	TOACHI AJ ALLURIQUIN	LM	80	0° 18 ' 59 " S	78° 59 ' 16 " W	850	12	INECEL	66 / 8 / 1	84 / 11 / 15
H187	TOACHI AJ LAS JUNTAS	LM	80				13	INAMHI		
H161	TOACHI AJ PILATON	LG	80	0° 18 ' 56 " S	78° 57 ' 5 " W	820	12	INAMHI	64 / 1 / 1	
H164	TOACHI DJ PAXILLIN	LG	80	0° 39 ' 8 " S	78° 52 ' 51 " W	2250	13	INECEL	68 / 3 / 1	
H163	TOACHI DJ SARAPULLO	LG	80	0° 21 ' 43 " S	78° 54 ' 50 " W	950	12	INECEL	73 / 1 / 1	
H166	TOACHI EN LAS PAMPAS	LG	80	0° 26 ' 23 " S	79° 56 ' 58 " W	1110	13	INAMHI	66 / 1 / 1	
H162	TOACHI EN PTE.MAGDALENA	LM	80	0° 21 ' 52 " S	78° 59 ' 30 " W	740	12	INECEL	73 / 11 / 1	
H167	TOACHI EN S.D.DE LOS COLORADOS	LG	80	0° 14 ' 42 " S	79° 7 ' 40 " W		12	INAMHI	82 / 12 / 9	

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CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD GG MM SS	LONGITUD GG MM SS	ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE INSTALACION AA / MM / DD	FECHA DE LEVANTAMIENTO AA / MM / DD
H183	VICHE AJ ESMERALDAS	LG	80	0 ° 39 ' 25 " N	79 ° 32 ' 30 " W	50	20	INAMHI	72 / 3 / 2	79 / 3 / 31
H205	VUELTA LARGA EN RIO TEAONE	LM	80	0 ° 54 ' 1 " N	79 ° 42 ' 1 " W		20	INERHI		
90 CUENCA DEL RIO JAMA										
H210	BRICENNO EN BOTADERO	LM	90	0 ° 31 ' 20 " S	80 ° 21 ' 5 " W	15	21	INAMHI		
H207	JAMA AJ MARIANO	LG	90	0 ° 13 ' 50 " S	80 ° 14 ' 55 " W	50	21	INAMHI		
H209	JAMA DJ VENADO	LM	90	0 ° 15 ' 55 " S	80 ° 14 ' 30 " W	40	21	INAMHI		
H206	JAMA EN JAMA	LG	90	0 ° 13 ' 2 " S	80 ° 14 ' 55 " W		21	INAMHI	62 / 11 / 1	
H208	MARIANO AJ JAMA	LM	90	0 ° 12 ' 20 " S	80 ° 18 ' 40 " W		21	INAMHI		
100 CUENCA DEL RIO CHONE										
H226	BARRO AJ CARRIZAL	LM	100	0 ° 52 ' 22 " S	80 ° 2 ' 18 " W		21	INAMHI	7 / 12 / 1	
H236	CANUTO EN GUARUMAL	LM	100				21	CRM		
H227	CARRIZAL DJ BEJUCO	LM	100	0 ° 55 ' 52 " S	80 ° 1 ' 58 " W		21	INAMHI	7 / 1 / 1	
H229	CARRIZAL EN CALCETA	LG	100	0 ° 50 ' 42 " S	80 ° 9 ' 40 " W	20	21	INAMHI	62 / 11 / 1	
H228	CARRIZAL EN GUABAL	LM	100	0 ° 52 ' 16 " S	80 ° 8 ' 34 " W		21	INAMHI	79 / 8 / 27	
H234	CARRIZAL EN LA ESTANCILLA	LG	100	0 ° 49 ' 40 " S	80 ° 10 ' 55 " W	20	21	INAMHI	62 / 11 / 14	
H235	CHONE EN CHONE	LM	100	0 ° 11 ' 31 " S	80 ° 5 ' 40 " W		21	CRM	76 / 1 / 1	
H230	GARRAPATA AJ CHONE	LG	100	0 ° 39 ' 21 " S	80 ° 2 ' 42 " W		21	INAMHI	71 / 1 / 1	
H231	GRANDE AJ MOSQUITO	LM	100	0 ° 40 ' 22 " S	80 ° 1 ' 37 " W		21	INAMHI	71 / 1 / 1	
H233	JUNIN DJ EST. PALMAR	LG	100	0 ° 54 ' 17 " S	80 ° 11 ' 0 " W	20	21	INAMHI	65 / 1 / 1	
H232	MOSQUITO AJ GRANDE	LM	100	0 ° 39 ' 47 " S	80 ° 2 ' 18 " W	35	21	INAMHI	71 / 1 / 1	
110 CUENCA DEL RIO PORTOVIEJO										
H275	CANAL SALAZAR BARRAGAN	LM	110				21	INAMHI	7 / 1 / 1	78 / 7 / 4
H270	CHAMOTETE AJ CHICO	LG	110	1 ° 1 ' 35 " S	80 ° 13 ' 18 " W		21	INAMHI	71 / 1 / 1	84 / 6 / 1
H280	CHAMOTETE EN JESUS MARIA	LG	110	1 ° 1 ' 10 " S	80 ° 12 ' 25 " W	70	21	INAMHI		
H272	CHICO AJ PORTOVIEJO	LG	110	0 ° 59 ' 6 " S	80 ° 25 ' 9 " W		21	CRM	79 / 1 / 26	
H271	CHICO EN ALAJUELA	LG	110	1 ° 2 ' 44 " S	80 ° 16 ' 52 " W	60	21	INAMHI	62 / 9 / 1	
H276	CHICO EN LA CANTERA	LM	110				21	INAMHI	7 / 11 / 1	75 / 2 / 15
H273	LODANA EN PTE. CARRETERA	LG	110	1 ° 10 ' 24 " S	80 ° 23 ' 7 " W		21	CRM	79 / 1 / 23	
H274	MANCHA GRANDE	LM	110				21	INAMHI	71 / 6 / 1	81 / 5 / 1
H266	PORTOVIEJO EN H. VASQUEZ	LM	110	1 ° 26 ' 30 " S	80 ° 13 ' 3 " W	100	21	INAMHI	62 / 1 / 1	83 / 11 / 2
H269	PORTOVIEJO EN LA GUAYABA	LG	110	0 ° 51 ' 54 " S	80 ° 29 ' 26 " W		21	CRM	79 / 1 / 23	
H284	PORTOVIEJO EN P. J. ROLDOS	LM	110				21	CRM		
H282	PORTOVIEJO EN P. VELASCO IBARRA	LM	110				21			
HA2D	PORTOVIEJO EN PICOAZA	LG	110	1 ° 1 ' 30 " S	80 ° 29 ' 7 " W	700	21	INAMHI	9 / 1 / 2	
H268	PORTOVIEJO EN PORTOVIEJO	LG	110	1 ° 3 ' 29 " S	80 ° 27 ' 11 " W		21	CRM	79 / 1 / 25	83 / 8 / 4
H281	PORTOVIEJO EN POZA HONDA	LM	110	1 ° 3 ' 10 " S	80 ° 12 ' 5 " W	105	21	INAMHI		
H277	PORTOVIEJO EN PTE. SAN JOSE	LM	110				21	CRM		
H283	PORTOVIEJO EN SEC. PICOASA	LM	110				21	CRM		
H267	PORTOVIEJO EN STA. ANA	LG	110	1 ° 12 ' 10 " S	80 ° 21 ' 55 " W	50	21	INAMHI	62 / 7 / 1	83 / 7 / 15
H278	REPRESA SALAZAR BARRAGAN	LM	110				21	INAMHI	67 / 5 / 1	79 / 11 / 3
H279	VISQUIJE AJ PORTOVIEJO	LM	110				21	INAMHI	71 / 1 / 1	71 / 7 / 21
120 CUENCA DEL RIO JIPIJAPA										
H306	AYAMPE DJ SAN JACINTO	LG	120	1 ° 40 ' 23 " S	80 ° 47 ' 38 " W		21	CRM	77 / 11 / 25	
130 CUENCA DEL RIO GUAYAS										
H376	ALAUSI AJ GUASUNTOS	LG	130	2 ° 14 ' 18 " S	78 ° 52 ' 33 " W	1830	16	INAMHI	64 / 8 / 1	81 / 6 / 3
H386	ALAUSI EN ALAUSI	LG	130	2 ° 11 ' 38 " S	78 ° 50 ' 56 " W	2195	16	INAMHI	81 / 1 / 1	83 / 4 / 18
H397	ANGAMARCA EN PIHUAPUNGO	LG	130	1 ° 7 ' 48 " S	79 ° 6 ' 58 " W		13	INECEL	84 / 4 / 25	
H385	ANGAS AJ CHANCHAN	LG	130	2 ° 18 ' 6 " S	79 ° 3 ' 45 " W	742	16	INAMHI	64 / 1 / 1	83 / 2 / 11
H326	BABA DJ TOACHI-DCP	AU	130	0 ° 39 ' 50 " S	79 ° 23 ' 5 " W	100	22	INAMHI	64 / 11 / 1	
H387	BABAHOYO AJ YAGUACHI	LG	130	2 ° 1 ' 5 " S	79 ° 44 ' 0 " W	7	23	INAMHI	63 / 11 / 1	69 / 5 / 1
H349	BABAHOYO EN BABAHOYO	LM	130	1 ° 47 ' 39 " S	79 ° 32 ' 0 " W	9	22	INAMHI	63 / 12 / 1	
H412	BACHILLERO EN PTE. CARRETERA	LM	130				23	CEDEGE	8 / 1 / 1	
H360	BANCHAL DJ GUABAS	LG	130	1 ° 38 ' 20 " S	80 ° 28 ' 53 " W	100	21	CRM	77 / 1 / 1	
H409	CAJONES AJ PUPUSA	LG	130	0 ° 15 ' 8 " S	79 ° 22 ' 24 " W	560	12	CRM	78 / 7 / 1	
H327	CAJONES EN KM. 18 1/2	LG	130	0 ° 14 ' 46 " S	79 ° 19 ' 25 " W		12	CRM	77 / 11 / 1	
H413	CALABI DJ CHIPE	LG	130				23	CEDEGE	84 / 5 / 1	
H355	CALVO AJ GUINEAL	LG	130	1 ° 20 ' 40 " S	80 ° 16 ' 38 " W		21	CRM	77 / 1 / 17	
H332	CANAL CHIMBO EN SAN LORENZO	LM	130	1 ° 40 ' 11 " S	79 ° 0 ' 15 " W	2400	15	INAMHI	63 / 12 / 1	
H339	COCO AJ CHIMBO	LG	130	2 ° 6 ' 36 " S	79 ° 0 ' 38 " W	800	16	INECEL	73 / 12 / 1	84 3 1
H361	COLIMES AJ DAULE	LG	130	1 ° 32 ' 45 " S	80 ° 1 ' 56 " W	14	23	CEDEGE	71 / 9 / 1	
H399	COLIMES EN POTRERILLOS	LG	130	1 ° 32 ' 47 " S	80 ° 4 ' 3 " W	15	23	CEDEGE	71 / 9 / 1	
H402	CONGO EN PTE. CARRETERA	LM	130	1 ° 2 ' 3 " S	79 ° 41 ' 40 " W	30	23	CEDEGE	73 / 12 / 1	
H342	CRISTAL AJ SAN JORGE	LM	130	1 ° 46 ' 25 " S	79 ° 10 ' 40 " W	800	15	INAMHI	64 / 1 / 1	81 11 1
H406	CRISTAL EN LIMATON	LM	130	1 ° 51 ' 6 " S	79 ° 20 ' 9 " W	10	22	CEDEGE	76 / 9 / 1	
H430	CRISTAL EN MONTALVO	LM	130				22	INERHI	77 / 12 / 1	
H375	CHANCHAN DJ HUATAXI	LM	130	2 ° 18 ' 40 " S	78 ° 56 ' 42 " W		16	INECEL	81 / 8 / 12	
H330	CHANCHAN EN KM. 90+180	LG	130	2 ° 12 ' 45 " S	79 ° 8 ' 10 " W	335	16	INAMHI	64 / 11 / 1	
H420	CHILINTOMO EN H. LA MERCED	LM	130	1 ° 57 ' 0 " S	79 ° 28 ' 0 " W		23	INERHI		
H419	CHILINTOMO EN PUEBLO NUEVO	LM	130	1 ° 57 ' 40 " S	79 ° 24 ' 5 " W		23	INERHI		
H390	CHIMBO AJ MILAGRO INAMHI	LM	130	2 ° 6 ' 5 " S	79 ° 41 ' 37 " W	30	23	INAMHI	69 / 12 / 1	
H425	CHIMBO AJ MILAGRO INERHI	LM	130	2 ° 6 ' 9 " S	79 ° 41 ' 36 " W		23	INERHI	75 / 11 / 1	
H336	CHIMBO AJ SAN JUAN	LG	130	1 ° 51 ' 26 " S	79 ° 1 ' 9 " W	1820	15	INECEL	68 / 6 / 1	
H338	CHIMBO DJ PANGOR	LG	130	1 ° 55 ' 56 " S	79 ° 0 ' 27 " W	1452	15	INAMHI	64 / 8 / 1	
H340	CHIMBO EN BUCAY	LG	130	2 ° 11 ' 39 " S	79 ° 8 ' 25 " W	297	23	INAMHI	64 / 1 / 1	
H424	CHIMBO EN H. LAS PILAS	LM	130	2 ° 13 ' 0 " S	79 ° 38 ' 0 " W		23	INERHI	75 / 11 / 1	
H382	CHIMBO EN SAN CARLOS	LG	130	2 ° 11 ' 21 " S	79 ° 25 ' 0 " W		23	INERHI	82 / 3 / 1	
H331	CHIMBO EN SAN LORENZO	LG	130	1 ° 40 ' 11 " S	79 ° 0 ' 16 " W	2400	15	INAMHI	63 / 12 / 1	
H383	CHIMBO-PTE. CARRETERA	LM	130	2 10 51 S	79 37 11 W		23	CEDEGE	77 / 11 / 1	
H369	DAULE DJ COCOPI	LM	130	0 ° 49 ' 39 " S	79 ° 41 ' 10 " W	24	23	CEDEGE	71 / 7 / 1	
H362	DAULE DJ PUPUSA	LG	130	0 ° 28 ' 34 " S	79 ° 35 ' 58 " W	65	21	CEDEGE	76 / 12 / 1	81 2
H363	DAULE EN BALZAR	LG	130	1 ° 21 ' 38 " S	79 ° 54 ' 24 " W	30	23	INAMHI	64 / 1 / 1	
H366	DAULE EN DAULE	LM	130	1 ° 51 ' 35 " S	79 ° 58 ' 50 " W	9	23	INAMHI	63 / 1 / 1	
H365	DAULE EN LA CAPILLA	LG	130	1 ° 41 ' 45 " S	79 ° 59 ' 44 " W	13	23	INAMHI	63 / 1 / 1	
H354	DAULE EN LA LINDA	LM	130	1 ° 20 ' 2 " S	79 ° 53 ' 24 " W	8	23	CEDEGE	74 / 7 / 1	
H367	DAULE EN LA TOMA	LM	130	1 ° 59 ' 5 " S	79 ° 58 ' 0 " W	8	23	EMAP.G.	62 / 12 / 1	
H364	DAULE EN PALESTINA	LM	130	1 ° 37 ' 25 " S	79 ° 58 ' 49 " W	10	23	INAMHI	63 / 2 / 1	
H368	DAULE EN PASCAUALES	LM	130	2 ° 3 ' 42 " S	79 ° 55 ' 39 " W	8	23	INAMHI	63 / 2 / 1	
H351	DAULE EN PICHINCHA	LG	130	1 ° 2 ' 46 " S	79 ° 48 ' 47 " W	70	23	INAMHI	65 / 1 / 1	
H405	DAULE EN PINNAL	LM	130	1 ° 46 ' 31 " S	80 ° 0 ' 55 " W	10	23	CEDEGE	74 / 6 / 1	
H391	DAULE EN STA. LUCIA	LG	130	1 ° 42 ' 30 " S	79 ° 58 ' 55 " W	12	23	INAMHI	63 / 1 / 1	
H408	DAULE-PERIPA(PRESA B)	LM	130	0 ° 56 ' 10 " S	79 ° 45 ' 0 " W	17	23	CEDEGE	77 / 6 / 1	

INVENTARIO DE ESTACIONES HIDROMETRICAS SUPERFICIALES

CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD			LONGITUD			ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE	FECHA DE	
				GG	MM	SS	GG	MM	SS				INSTALACION AA / MM / DD	LEVANTAMIENTO AA / MM / DD	
H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)	LG	130	1 °	51 ' 27 "	S	79 °	4 ' 14 "	W	2100	15	INECEL	68 / 5 / 1		
H395	DE CHIMA EN S.J.DEL TAMBO	LM	130	1 °	56 ' 30 "	S	79 °	14 ' 30 "	W	90	15	INECEL	68 / 9 / 1	73 / 1 / 1	
H343	ECHENDIA EN ECHENDIA	LG	130	1 °	26 ' 5 "	S	79 °	15 ' 55 "	W	425	15	INAMHI	64 / 12 / 1		
H394	EMBARCADERO EN H.CLEM(POT-STA.ROS)	LM	130	1 °	46 ' 49 "	S	79 °	23 ' 29 "	W	18	22	CEDEGE	7 / 12 / 1	74 / 1 / 1	
H428	ESTERO DE LOS MONOS CA PILAS	LM	130	2 °	11 ' 30 "	S	79 °	33 ' 24 "	W		23	INERHI	75 / 11 /		
H429	ESTERO DE LOS MONOS KM 26	LM	130	2 °	10 ' 14 "	S	79 °	36 ' 39 "	W		23	INERHI	75 / 11 /		
H427	ESTERO NARANJITO AJ MILAGRO	LM	130	2 °	8 ' 6 "	S	79 °	32 ' 53 "	W		23	INERHI	75 / 11 /		
H325	GUABAS AJ BANCHAL	LG	130								21	CRM			
H377	GUASUNTOS AJ ALAUSI	LM	130	2	14	28	S	78	52	31	1830	16	INAMHI	64 / 1 / 1	81 / 6 / 3
H389	JUJAN	LM	130	1 °	53 ' 14 "	S	79 °	33 ' 16 "	W		23	INERHI			
H392	JUNQUILLO DD VERNASA	LM	130	1 °	40 ' 38 "	S	79 °	47 ' 4 "	W	25	22	CEDEGE	73 / 1 / 1		
H378	LAS JUNTAS DJ SINDE(UMBE DJ PIN.)	LM	130	1 °	12 ' 35 "	S	79 °	17 ' 35 "	W	150	15	INAMHI	63 / 12 / 3	66 / 11 / 26	
H335	LAS PESQUERIAS AJ DE CHIMA	LM	130	1 °	52 ' 13 "	S	79 °	4 ' 19 "	W	2070	15	INECEL	68 / 5 / 1		
H421	LOS AMARILLOS EN S.BOLIVAR	LM	130	2 °	0 ' 0 "	S	79 °	29 ' 0 "	W		23	INERHI			
H416	LULO AJ CHILA	LG	130								22	CEDEGE	84 / 1 /		
H353	MACUL EN HDA.BRASILIA	LM	130	1 °	13 ' 14 "	S	79 °	45 ' 0 "	W	40	23	CEDEGE	73 / 11 / 1		
H352	MACUL EN PTE.CARRETERA	LM	130	1 °	3 ' 43 "	S	79 °	36 ' 48 "	W	30	23	INAMHI	62 / 9 / 1		
H403	MAGRO EN LAS CANNAS	LM	130	1 °	50 ' 35 "	S	80 °	4 ' 31 "	W	30	23	CEDEGE	74 / 1 / 1		
H370	MASTRANTAL DD PULA	LM	130	1 °	40 ' 28 "	S	79 °	49 ' 29 "	W	25	23	CEDEGE	71 / 1 / 1		
H341	MILAGRO AJ ANAPOYO	LM	130	2 °	5 ' 40 "	S	79 °	26 ' 34 "	W	54	23	INAMHI	69 / 12 / 1		
H426	MILAGRO AJ NARANJITO	LM	130	2 °	8 ' 4 "	S	79 °	32 ' 56 "	W		23	INERHI	75 / 11 /		
H410	MILAGRO AJ YAGUACHI	LM	130	2 °	8 ' 20 "	S	79 °	38 ' 20 "	W		23	INAMHI			
H423	MILAGRO EN INGENIO LUZ MARIA	LM	130	2 °	8 ' 18 "	S	79 °	38 ' 16 "	W		23	INERHI	75 / 1 /		
H381	MILAGRO-HDA.LA MATILDE	LM	130	2 °	7 ' 47 "	S	79 °	37 ' 5 "	W		23	INERHI	75 / 11 /		
H388	NUEVO DD VINCES	LM	130	1 °	35 ' 29 "	S	79 °	44 ' 27 "	W	19	23	CEDEGE	72 / 1 / 1		
H359	PAJAN EN AGUA FRIA	LG	130	1 °	36 ' 30 "	S	80 °	22 ' 31 "	W		21	J.R.H.	81 / 1 / 23		
H379	PAJAN EN CAMPOSANO	LG	130	1 °	35 ' 30 "	S	80 °	23 ' 50 "	W	80	21	INAMHI	65 / 1 / 1	7 / 7 / 1	
H411	PAJAN EN PAJAN	LM	130	1 °	33 ' 5 "	S	80 °	25 ' 15 "	W	85	21	INAMHI			
H358	PAJAN EN TRINIDAD	LG	130	1 °	31 ' 32 "	S	80 °	25 ' 45 "	W		21	J.R.H.	81 / 7 / 24		
H337	PANGOR AJ CHIMBO	LG	130	1 °	55 ' 55 "	S	79 °	0 ' 10 "	W	1480	15	INECEL	73 / 12 / 1		
H400	PEDRO CARBO EN PEDRO CARBO	LM	130	1 °	49 ' 8 "	S	80 °	13 ' 34 "	W	65	23	CEDEGE	78 / 4 / 1		
H328	PERIPA DJ CONGOMA(HDA.VISTAZO)	LG	130	0 °	36 ' 19 "	S	79 °	29 ' 19 "	W	71	12	CEDEGE	77 / 1 / 1		
H350	PERIPA EN MURUCUMBA	LM	130	0 °	52 ' 39 "	S	79 °	38 ' 5 "	W	22	21	CEDEGE	71 / 6 / 1		
H329	PILALO EN LA ESPERANZA	LM	130	0 °	51 ' 45 "	S	79 °	5 ' 10 "	W	920	13	INAMHI	62 / 6 / 1		
H374	PITA EN CALUMA	LM	130	1 °	55 ' 10 "	S	79 °	13 ' 48 "	W		15	INECEL	81 / 1 / 22		
H398	PUCA AJ DAULE	LM	130	1 °	25 ' 22 "	S	79 °	56 ' 43 "	W	14	23	CEDEGE	71 / 3 / 1		
H357	PUCA EN HACHA	LG	130	1 °	22 ' 13 "	S	79 °	58 ' 32 "	W	19	23	CEDEGE	77 / 12 / 1		
H356	PUCA EN OLMEDO	LG	130	1 °	23 ' 25 "	S	80 °	12 ' 32 "	W	55	21	CRM	77 / 1 / 1	84 11 18	
H401	PULA EN LAUREL	LM	130	1 °	46 ' 57 "	S	79 °	54 ' 11 "	W	6	23	CEDEGE	71 / 8 / 1		
H407	PULA EN PALIZADA	LM	130	1 °	39 ' 2 "	S	79 °	50 ' 6 "	W	16	23	CEDEGE	75 / 11 / 1		
H404	PULA EN YURIMA	LM	130	1 °	48 ' 24 "	S	79 °	54 ' 53 "	W	5	23	CEDEGE	74 / 1 / 1		
H347	QUEVEDO EN QUEVEDO	LG	130	1 °	1 ' 5 "	S	79 °	27 ' 43 "	W	125	22	INAMHI	62 / 9 / 1		
H380	SALINAS EN EL PUENTE	LM	130	1 °	32 ' 49 "	S	79 °	1 ' 0 "	W	2750	15	INERHI	85 / 5 / 4		
H372	SAN ANTONIO AJ CHIMA	LM	130	1 °	58 ' 11 "	S	79 °	17 ' 25 "	W	150	22	CEDEGE	7 / 1 / 1		
H396	SAN JORGE AJ CRISTAL	LM	130	1 °	46 ' 35 "	S	79 °	10 ' 40 "	W	800	15	INAMHI	64 / 1 / 1	72 / 2 / 1	
H333	SAN LORENZO EN SAN LORENZO	LM	130	1 °	41 ' 13 "	S	78 °	59 ' 44 "	W	2470	15	INAMHI	63 / 11 / 1		
H415	SAN PABLO EN LA MANA	LG	130								13	CEDEGE	84 / 5 /		
H371	SAN PABLO EN PALMAR	LG	130	1	49	55	S	79	26	20	10	22	CEDEGE	69 / 6 / 1	
H393	SAN PABLO EN RIO CHICO	LM	130	1 °	52 ' 24 "	S	79 °	20 ' 37 "	W	11	22	CEDEGE	7 / 9 / 1	72 / 5 / 13	
H418	SUQUIBI AJ NAVES	LG	130								15	CEDEGE	85 / 5 /		
H414	TOACHI AJ BABA	LG	130								22	CEDEGE	84 / 5 /		
H344	UMBE EN QUINSALOMA	LG	130	1 °	12 ' 48 "	S	79 °	18 ' 10 "	W		22	INAMHI	82 / 2 / 15		
H373	VERNAZA DD VINCES	LM	130	1 °	38 ' 26 "	S	79 °	47 ' 48 "	W	16	23	CEDEGE	71 / 9 / 1		
H417	VINCES EN HDA.CASA VINCES	LG	130								22	CEDEGE	84 / 3 /		
H348	VINCES EN VINCES-DCP	AU	130	1	32	57	S	79	45	2	41	22	INAMHI	63 / 12 / 1	
H422	YAGUACHI CA BABAHOYO	LG	130	2 °	5 ' 28 "	S	79 °	41 ' 44 "	W		23	INERHI	85 / 11 /		
H384	YAGUACHI-PTE.CARRETERA	LG	130								23	INERHI	77 / 11 /		
H345	ZAPOTAL EN CATARAMA(CATARAMA EN)	LM	130	1 °	34 ' 15 "	S	79 °	28 ' 56 "	W	40	22	INAMHI	71 / 9 / 1		
H346	ZAPOTAL EN LECHUGAL	LG	130	1 °	23 ' 15 "	S	79 °	21 ' 15 "	W	18	22	INAMHI	63 / 2 / 1		
140 CUENCA DEL RIO ZAPOTAL															
HA2K	ABRAS DE MANTEQUILLA	LM	140								22	CEDEGE			
HA2H	CLEMENTINA EN CLEMENTINA	LM	140								22	CEDEGE			
H438	CUCUNLLIQUE	LG	140	2	22	18	S	80	28	26	W	23	INERHI		
H432	CHONGON EN PTE.CARRETERA	LM	140								23	CEDEGE	73 / 9 /		
H435	GRANDE EN FEBRES CORDERO	LM	140	1 °	56 ' 12 "	S	80 °	36 ' 6 "	W		23	CEDEGE	74 / 1 / 1	72 / 6 / 1	
H431	JAVITA EN JAVITA	LM	140								23	INAMHI	65 / 2 / 1		
HA2I	LOS TINTOS EN J.B. AGUIRRE	LM	140	1 °	52 ' 30 "	S	79 °	51 ' 54 "	W		23	CEDEGE			
H437	MANGLARALTO EN 2 MANGAS	LM	140	1 °	49 ' 24 "	S	80 °	41 ' 18 "	W		23	CEDEGE	73 / 8 /	82 /	
H433	NUEVO EN EL COROZO	LM	140	2 °	1 ' 18 "	S	80 °	28 ' 24 "	W		23	CEDEGE	67 / 3 /		
H436	SALANGUILLO EN SALANGUILLO	LM	140	1 °	57 ' 18 "	S	80 °	33 ' 30 "	W		23	CEDEGE	68 / 2 / 1		
HA2L	SAMBORONDON EN SAMBORONDON	LG	140	1 °	57 ' 42 "	S	79 °	43 ' 6 "	W		23	CEDEGE			
H439	TINTO EN P.CARRETERA	LG	140	2 °	22 ' 2 "	S	80 °	28 ' 7 "	W	45	23	INERHI	82 / 1 / 28		
H434	VALDIVIA EN EL SUSPIRO	LM	140	1 °	53 ' 36 "	S	80 °	37 ' 36 "	W		23	CEDEGE	76 / 12 / 1		
HA2J	VINCES EN LA BOCANA DE ABAJO	LM	140								22	CEDEGE			
150 CUENCA DEL RIO TAURA															
H449	BOLICHE-PTE.INIAP	LM	150	2 °	15 ' 3 "	S	79 °	38 ' 51 "	W		23	INERHI	77 / 12 /		
H447	BULUBULU AJ PAYO	LG	150	2 °	18 ' 23 "	S	79 °	28 ' 33 "	W	40	23	INAMHI	63 / 1 / 1		
H446	BULUBULU EN M3.CALLE INAMHI	LM	150	2 °	20 ' 30 "	S	79 °	23 ' 40 "	W	50	17	INAMHI	75 / 12 / 18		
H450	BULUBULU EN M3.CALLE INERHI	LG	150	2 °	20 ' 46 "	S	79 °	23 ' 53 "	W		23	INERHI	81 / 12 /		
H452	BULUBULU EN PTE.NEGRO	LG	150	2 °	18 ' 20 "	S	79 °	38 ' 51 "	W		23	INERHI			
H453	CULEBRA EN R.CULEBRA	LM	150	2 °	19 ' 40 "	S	79 °	35 ' 4 "	W		23	INERHI			
H454	CHURUTE	LM	150	2 °	26 ' 28 "	S	79 °	39 ' 10 "	W		23	INERHI			
H448	PAYO AJ BULUBULU	LM	150	2 °	15 ' 11 "	S	79 °	33 ' 23 "	W	25	23	INAMHI	63 / 1 / 1	84 / 9 / 24	
H451	TAURA EN TAURA	LG	150	2 °	18 ' 21 "	S	79 °	43 ' 57 "	W		23	INERHI	85 / 5 /		
160 CUENCA DEL RIO CAÑAR															
H473	CANAL CANNAR	LM	160	2 °	35 ' 23 "	S	79 °	40 ' 52 "	W		17	INAMHI	67 / 4 / 1		
H471	CANNAR DJ RAURA	LG	160	2 °	28 ' 10 "	S	79 °	7 ' 45 "	W		17	INAMHI	65 / 3 / 1		
H472	CANNAR EN PTO.INCA	LG	160	2 °	31 ' 50 "	S	79 °	32 ' 29 "	W	35	23	INAMHI	63 / 12 / 1		
H476	CELEL AJ CANNAR	LM	160	2 °	29 ' 55 "	S	79 °	1 ' 36 "	W	2300	17	CREA	8 / 4 / 1		
H477	PATOCOCHA	LM	160	2 °	35 ' 31 "	S	79 °	0 ' 21 "	W	3600	17	INERHI	83 / 1 / 27		
H469	ODA YURACYACU AJ S.SANTONIO	LM	160	2 °	25 ' 20 "	S	78 °	51 ' 51 "	W		17	CREA	76 / 6 / 1		

INVENTARIO DE ESTACIONES HIDROMETRICAS SUPERFICIALES

CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD GG MM SS	LONGITUD GG MM SS	ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE INSTALACION AA / MM / DD	FECHA DE LEVANTAMIENTO AA / MM / DD
H474	SAN ANTONIO AJ CANNAR	LM	160	2 ° 29 ' 28 " S	78 ° 57 ' 46 " W		17	CREA	76 / 6 / 1	85 / 9 / 19
H470	SAN ANTONIO DJ QDA.YURACYACU	LM	160	2 ° 25 ' 35 " S	78 ° 52 ' 15 " W		17	INAMHI	76 / 6 / 1	
H468	SAN PEDRO EN INGAPIRCA	LG	160	2 ° 33 ' 55 " S	78 ° 52 ' 27 " W	2970	17	INAMHI	75 / 12 / 1	
H466	SILANTE EN INGAPIRCA	LM	160	2 ° 31 ' 38 " S	78 ° 51 ' 45 " W		17	INAMHI	76 / 1 / 1	
H467	VENDELECHE EN HDA.LA CURIA	LG	160	2 ° 34 ' 55 " S	78 ° 52 ' 12 " W	3020	17	INAMHI	75 / 12 / 1	
H475	YANACACHI AJ CANNAR	LM	160	2 ° 27 ' 30 " S	79 ° 0 ' 56 " W		17	CREA	79 / 4 / 1	
CUENCA DEL RIO BALAO										
H501	BALAO CHICO EN P.CARRETERA	LM	170				23	INERHI	79 / 1 / 6	
H523	BALAO EN HDA.EL RECREO	LM	170				23	INERHI		
H510	BALAO EN PTE.CARRETERA	LM	170	2 ° 55 ' 40 " S	79 ° 42 ' 34 " W		23	INERHI	72 / 2 /	
H507	BONITO EN PTE.CARRETERA(AJ PAGUA)	LM	170	3 ° 6 ' 13 " S	79 ° 45 ' 52 " W	30	24	INAMHI	65 / 7 / 1	
H511	BUCAY EN PTE.CARRETERA	LM	170	2 ° 41 ' 33 " S	79 ° 38 ' 24 " W		23	INERHI	72 / 2 /	
H521	CANAL HDA.BALAO CHICO	LM	170				23	INERHI		
H513	CANAL SOLEDAD	LM	170	2 ° 48 ' 0 " S	79 ° 40 ' 0 " W		23	INERHI	72 / 2 /	
H517	CHACAYACU EN PTE.CARRETERA	LM	170	2 ° 38 ' 3 " S	79 ° 36 ' 37 " W		23	INERHI	72 / 2 /	
H508	CHAGUANA EN PTE.CARRETERA	LM	170	3 ° 12 ' 18 " S	79 ° 47 ' 22 " W	5	24	INAMHI	72 / 5 / 1	
H502	GALA EN SAN RAFAEL	LM	170	2 ° 57 ' 54 " S	79 ° 46 ' 11 " W	12	23	INAMHI	65 / 8 / 1	
H512	GALA NORTE EN PTE.CARRETERA	LM	170	2 ° 58 ' 26 " S	79 ° 42 ' 50 " W		23	INERHI	72 / 2 /	
H515	GALA SUR EN PTE.CARRETERA	LM	170	2 ° 58 ' 41 " S	79 ° 42 ' 50 " W		23	INERHI	72 / 2 /	
H520	JAGUA EN HDA.EL MIRADOR	LM	170				23	INERHI		
H522	JAGUA EN PTE.CARRETERA	LM	170				23	INERHI		
H506	PAGUA AJ BONITO(AJ SIETE)	LM	170	3 ° 4 ' 20 " S	79 ° 46 ' 18 " W	30	24	INAMHI	65 / 8 / 1	
H505	PAGUA EN PTE.CARRETERA	LM	170	3 ° 4 ' 55 " S	79 ° 45 ' 26 " W	13	24	INAMHI	71 / 9 / 1	83 / 6 / 9
H518	SAN PABLO EN PTE.CARRETERA	LM	170	2 ° 43 ' 8 " S	79 ° 41 ' 0 " W		23	INERHI	72 / 2 /	
H509	SIETE AJ PAGUA	LM	170	3 ° 4 ' 6 " S	79 ° 45 ' 0 " W	30	24	INAMHI	65 / 9 / 1	68 / 12 / 1
H504	SIETE EN PTE.CARRETERA	LM	170	3 ° 4 ' 20 " S	79 ° 45 ' 6 " W	13	24	INAMHI	71 / 5 / 1	83 / 6 / 11
H514	SOLEDAD EN PTE.CARRETERA	LM	170	2 ° 48 ' 45 " S	79 ° 42 ' 30 " W		23	INERHI	72 / 2 /	
H516	TENGUEL EN PTE.CARRETERA	LM	170	3 ° 0 ' 22 " S	79 ° 43 ' 54 " W		23	INERHI	72 / 2 /	
H503	TENGUEL EN TENGUEL	LM	170	2 ° 59 ' 26 " S	79 ° 47 ' 13 " W	10	23	INAMHI	65 / 8 / 1	
H519	ZAPOTE EN PTE.CARRETERA	LM	170	3 ° 7 ' 49 " S	79 ° 48 ' 37 " W	7	24	INERHI		
CUENCA DEL RIO JUBONES										
H543	BURRO AJ S.GREGORIO	LM	180	3 ° 14 ' 39 " S	79 ° 10 ' 34 " W	2280	18	INERHI	75 /	
H538	CALUGURO EN EST.DURAN	LM	180	3 ° 30 ' 30 " S	79 ° 30 ' 53 " W	35	24	INERHI		
H532	CANAL CERRITOS	LM	180	3 ° 19 ' 10 " S	79 ° 45 ' 40 " W	50	24	INAMHI	63 / 8 / 1	
H539	CANAL GUABO BARBONES	LM	180	3 ° 12 ' 0 " S	79 ° 54 ' 29 " W	60	24	INAMHI		
H535	CANAL PEREZ(R.JUBONES)	LM	180			60	24	INAMHI	63 / 8 / 1	76 / 9 / 1
H536	CANAL VALLE(R.JUBONES)	LM	180				24	INAMHI	63 / 8 / 1	76 / 9 / 1
H531	CASACAY AJ JUBONES	LM	180	3 ° 19 ' 32 " S	79 ° 43 ' 24 " W	110	24	INAMHI	72 / 8 / 1	
H541	CURIACU EN PTE.CARRETERA	LM	180	3 ° 33 ' 22 " S	79 ° 22 ' 14 " W	2780	19	INERHI	82 / 1 / 5	
H528	JUBONES DJ MINAS	LM	180	3 ° 20 ' 35 " S	79 ° 22 ' 48 " W	908	24	INECEL	73 / 11 / 1	
H529	JUBONES DJ S.FRANCISCO	LG	180	3 ° 18 ' 29 " S	79 ° 30 ' 18 " W	680	18	INAMHI	64 / 1 / 1	
H537	JUBONES EN PASAJE	LG	180	3 ° 18 ' 31 " S	79 ° 45 ' 54 " W	15	24	INAMHI	63 / 9 / 1	78 / 6 / 18
H533	JUBONES EN PTE.IBERIA	LM	180	3 ° 15 ' 15 " S	79 ° 52 ' 9 " W	12	24	INERHI	71 / 9 / 1	
H530	JUBONES EN USHCURRUMI	LM	180	3 ° 19 ' 11 " S	79 ° 35 ' 55 " W	230	18	INAMHI	58 / 9 / 1	
H527	LEON EN PTE.CARRETERA	LG	180	3 ° 25 ' 5 " S	79 ° 9 ' 34 " W	2020	18	INAMHI	62 / 1 / 1	
H542	LLACO EN PTE.JARA RENTA	LM	180	3 ° 37 ' 4 " S	79 ° 17 ' 26 " W	2460	19	INERHI	81 / 11 / 15	
H546	MINAS EN P.CARRETERA	LM	180	3 ° 16 ' 32 " S	79 ° 22 ' 0 " W	1500	18	INECEL	79 / 2 / 1	
H545	NARANJOS AJ JUBONES	LM	180	3 ° 15 ' 38 " S	79 ° 17 ' 30 " W	1420	18	INERHI	79 / 2 / 1	
H526	PAQUISHAPA EN PTE.CARRETERA	LM	180	3 ° 36 ' 52 " S	79 ° 12 ' 35 " W	2390	19	INAMHI	63 / 9 / 1	
H547	RIRCAY EN P.ALTO SALTANA	LG	180	3 ° 15 ' 30 " S	79 ° 13 ' 32 " W		18	INAMHI	87 / 9 /	
H540	RIRCAY EN SULUPAL(GIRON)	LG	180	3 ° 17 ' 18 " S	79 ° 15 ' 57 " W	1110	18	INAMHI	65 / 8 / 1	8 / 1 / 1
H544	SAN FRANCISCO	LM	180	3 ° 14 ' 21 " S	79 ° 26 ' 4 " W	2000	18	INERHI		
H534	SAN FRANCISCO AJ JUBONES	LG	180	3 ° 18 ' 49 " S	79 ° 28 ' 37 " W	740	18	INAMHI	65 / 1 / 1	83 / 1 / 1
CUENCA DEL RIO ARENILLAS										
H574	ARENILLAS EN ARENILLAS	LM	190	3 ° 34 ' 16 " S	80 ° 2 ' 47 " W	60	24	INAMHI	63 / 1 / 1	
H575	ARENILLAS EN STA.MARIANITA	LG	190	3 ° 33 ' 53 " S	80 ° 2 ' 34 " W		24	INERHI	78 / 12 / 2	
H572	CALUGURO ABT CANAL DE RIEGO	LM	190	3 ° 30 ' 47 " S	79 ° 52 ' 43 " W	55	24	INAMHI	71 / 9 / 1	
H576	MOTUCHE EN PTE.CARRETERA	LM	190	3 ° 21 ' 5 " S	79 ° 53 ' 13 " W	9	24	INERHI		
H571	RASPA EN ASERRIO(BUENA VISTA)	LM	190	3 ° 23 ' 47 " S	79 ° 47 ' 55 " W	80	24	INAMHI	72 / 5 / 1	
H573	SANTA ROSA EN EL VADO	LM	190	3 ° 33 ' 45 " S	79 ° 56 ' 35 " W	80	24	INAMHI	71 / 4 / 1	
CUENCA DEL RIO PUYANGO										
H588	AMARILLO EN PORTOVELO	LM	200	3 ° 42 ' 44 " S	79 ° 36 ' 45 " W	660	24	PREDESUR	63 / 1 / 1	
H593	AMBOCAS AJ SAN LUIS	LM	200				19	PREDESUR	84 / 1 / 1	
H586	CALERA AJ AMARILLO	LG	200	3 ° 40 ' 40 " S	79 ° 38 ' 37 " W	680	24	INAMHI	63 / 1 / 1	
H590	MARCABELI AJ PUYANGO	LM	200	3 ° 48 ' 37 " S	79 ° 55 ' 55 " W	450	24	PREDESUR	77 / 1 / 1	
H592	MOROMORO EN MOROMORO	LM	200	3 ° 41 ' 18 " S	79 ° 44 ' 27 " W	800	24	PREDESUR	84 / 12 / 1	
H587	PINDO AJ AMARILLO	LG	200	3 ° 45 ' 43 " S	79 ° 38 ' 8 " W	563	24	INAMHI	63 / 1 / 1	
H589	PUYANGO AJ MARCABELI	LG	200	3 ° 49 ' 27 " S	79 ° 55 ' 47 " W	360	24	PREDESUR	78 / 9 / 5	
H591	PUYANGO EN CPTO.MILITAR (PTE.CARRETERA)	LG	200	3 ° 53 ' 0 " S	80 ° 4 ' 47 " W	300	24	INAMHI	65 / 1 / 1	
H594	YAGUACHI AJ PUYANGO	LM	200				24	PREDESUR		
CUENCA DEL RIO CATAMAYO										
H618	ALAMOR AJ Q.PILARES(AJ CHIRA)	LM	210	4 ° 27 ' 30 " S	80 ° 25 ' 0 " W		19	PREDESUR	75 / 12 / 1	77 / 9 / 1
H625	ALAMOR EN PTE.MERCADILLO	LG	210	4 ° 1 ' 16 " S	79 ° 58 ' 34 " W	1080	19	INAMHI	66 / 1 / 1	
H616	ALAMOR EN SAUCILLO(DJ CELICA)	LG	210	4 ° 15 ' 50 " S	80 ° 11 ' 53 " W	299	19	INAMHI	65 / 1 / 1	
H617	ARENAL EN PTE.BOQUERON	LG	210	4 ° 3 ' 16 " S	79 ° 22 ' 25 " W	1390	19	INAMHI	63 / 8 / 1	
H643	CAMPANA EN YAMBA	LM	210	4 ° 9 ' 5 " S	79 ° 11 ' 39 " W	1720	19	INERHI	81 / 4 / 1	
HA2U	CAMPANA-MALACATOS	LG	210	4 ° 9 ' 42 " S	79 ° 12 ' 2 " W	1678	19			
H619	CANAL ARENAL	LM	210	4 ° 3 ' 16 " S	79 ° 22 ' 25 " W	1390	19	INAMHI	63 / 8 / 1	
H645	CAPAMACO EN VILCABAMBA	LM	210	4 ° 16 ' 42 " S	79 ° 10 ' 3 " W	1635	19	INERHI	8 / 1 / 31	
H628	CATAMAYO DJ GUAYABAL	LG	210	4 ° 0 ' 14 " S	79 ° 24 ' 39 " W	1120	19	PREDESUR	8 / 1 / 1	
H633	CATAMAYO EN LUCARQUI	LM	210				19	PREDESUR	74 / 8 / 1	76 / 8 / 1
H620	CATAMAYO EN PTE.SANTA ROSA	LG	210	4 ° 9 ' 24 " S	79 ° 51 ' 32 " W	640	19	PREDESUR	75 / 5 / 1	
H636	CATAMAYO EN ZAPOTILLO	LM	210	4 ° 21 ' 32 " S	80 ° 14 ' 19 " W	200	19	PREDESUR	74 / 5 / 1	77 / 1 / 1
H640	CURITROJE EN DOS PUENTES	LM	210	4 ° 4 ' 36 " S	79 ° 11 ' 37 " W	2250	19	INERHI	8 / 1 / 31	
HA2R	CHIRIYACU	LG	210	4 ° 24 ' 16 " S	79 ° 24 ' 19 " W	1245	19			
H647	CHIRIYACU EN BOCATOMA	LM	210	4 ° 23 ' 53 " S	79 ° 24 ' 13 " W	1248	19	INERHI	81 / 1 / 1	
H637	CHUQUIRIBAMBA EN PORDEL	LM	210	3 ° 51 ' 1 " S	79 ° 20 ' 0 " W	2480	19	INERHI	81 / 1 / 1	
HA2T	GUAPALAS	LM	210	4 ° 2 ' 0 " S	79 ° 59 ' 59 " W	906	19			
H634	GUAYABAL D.DISC.MONTERREY	LM	210	3 ° 57 ' 21 " S	79 ° 23 ' 16 " W	1240	19	INAMHI	64 / 11 / 1	76 / 7 / 1
H631	GUAYABAL EN PERIQUERA	LM	210	3 ° 57 ' 16 " S	79 ° 23 ' 15 " W	1390	19	INERHI	81 / 2 /	
H621	JORUPE EN AMALUZA	LM	210	4 ° 34 ' 41 " S	79 ° 25 ' 26 " W	1655	19	PREDESUR	76 / 3 / 1	

INVENTARIO DE ESTACIONES HIDROMETRICAS SUPERFICIALES

CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD GG MM SS			LONGITUD GG MM SS			ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE INSTALACION AA / MM / DD	FECHA DE LEVANTAMIENTO AA / MM / DD
H641	LA MONICA EN DOS PUENTES	LM	210	4 °	4 '	32 " S	79 °	11 '	41 " W	2250	19	INERHI	81 / 1 / 1	85 / 7 / 6
H626	MACARA EN PTE.INTERNACIONAL	LG	210	4 °	23 '	17 " S	79 °	57 '	34 " W	435	19	INAMHI	73 / 2 / 1	
H622	MALACATUS EN MALACATUS	LM	210	4 °	13 '	0 " S	79 °	15 '	16 " W	1657	19	INAMHI	64 / 1 / 1	
HA2W	MANZANAMACA BT. QUINA	LM	210	4 °	15 '	5 " S	79 °	11 '	51 " W	1663	19			
H639	MATALANGA EN GUAPALAS	LM	210	4 °	1 '	39 " S	80 °	0 '	12 " W	910	19	INERHI	8 / 11 / 15	83 / 1 / 1
H646	MAZANAMACA EN QUINARA	LM	210	4 °	19 '	23 " S	79 °	23 '	6 " W	1678	19	INERHI	82 / 5 /	
HA2V	MOYOCOCHA	LG	210	4 °	18 '	1 " S	79 °	16 '	16 " W	1455	19			
H638	PORDEL EN PORDEL	LM	210	3 °	50 '	2 " S	79 °	19 '	40 " W	2480	19	INERHI	81 / 1 / 1	
H623	QDA.ALMENDRAL	LM	210	4 °	2 '	21 " S	79 °	47 '	2 " W	960	19	PREDESUR	73 / 2 / 1	83 / 1 / 1
H630	QDA.TONGULA	LM	210	4 °	12 '	35 " S	79 °	51 '	58 " W	630	19	PREDESUR	72 / 3 / 1	
H635	QDA.TRAPICHILLO EN LA TOMA	LM	210	3 °	58 '34 " S	79 °	21 '	53 " W	1230	19	PREDESUR	76 / 1 / 1		
H642	SAN AGUSTIN EN LA ERA	LM	210	4 °	7 '	41 " S	79 °	17 '	37 " W	1640	19	INERHI	81 / 2 /	
H632	TRAPICHILLO EN CATAMAYO	LM	210	3 °	57 '59 " S	79 °	21 '	16 " W	1325	19	INERHI	82 / 2 /	82 / 12 /	
H627	UCHIMA AJ CHAMBA	LM	210	4 °	13 '49 " S	79 °	12 '	13 " W	1544	19	INAMHI	66 / 12 / 1		
HA2S	VICIN	LG	210	4 °	16 '34 " S	80 °	6 '	25 " W	311	19	CEDEGE			
H624	VILCABAMBA EN HDA.SANTORUM	LM	210	4 °	14 '39 " S	79 °	17 '	5 " W	1440	19	PREDESUR	75 / 5 / 1		
H629	VILCABAMBA EN PTE.CARRETERA	LM	210	4 °	14 '50 " S	79 °	13 '	25 " W		19	INAMHI	81 / 6 / 1	87 / 12 / 21	
HA2X	YAMBALA	LM	210	4 °	16 '25 " S	79 °	12 '	1 " W	1596	19				
H644	YAMBALA EN VILCABAMBA	LM	210	4 °	15 '57 " S	79 °	10 '	48 " W	1620	19	INERHI	85 / 5 /		
230 CUENCA DEL RIO AGUARICO														
H681	AGUARICO DJ DUE	LG	230	0 °	3 '57 " N	77 °	20 '	5 " W		30	INECEL	79 / 4 / 2	84 / 9 / 8	
H680	CHINGUAL EN CHINGUAL	LM	230	0 °	28 '0 " N	77 °	37 '	0 " W		30	INECEL	72 / 1 / 1		
H682	DUE AJ AGUARICO	LG	230	0 °	1 '40 " N	77 °	23 '	15 " W		30	INECEL	79 / 1 / 29		
H683	LUMBAQUI EN LUMBAQUI(DJ AGUARICO)	LM	230	0 °	3 '3 " N	77 °	18 '	24 " W		30	INECEL	78 / 1 / 1		
240 CUENCA DEL RIO NAPO														
H756	ANTIZANA A LAG.MICACOCHA	LM	240							30	E.E.QUITO	6 / 5 / 1	66 / 12 / 8	
H711	ARTURO AJ AZUELA	LG	240	0 °	5 '51 " N	77 °	56 '30 " W		3325	12	INERHI	74 / 4 / 1		
H712	AZUELA AJ SAN PEDRO	LG	240	0 °	7 '0 " N	77 °	57 '40 " W		3417	12	INERHI	74 / 4 / 1		
H732	BOMBON AJ QUIJOS	LG	240	0 °	19 '0 " S	77 °	5 '2 " W		1400	30	INECEL	78 / 4 / 4		
H730	BOQUERON AJ AZUELA	LM	240	0 °	6 '5 " N	77 °	57 '2 " W		3373	12	INERHI	74 / 4 / 1	8 / 12 / 26	
H723	BORJA AJ QUIJOS	LG	240	0 °	25 '35 " S	77 °	48 '48 " W		1620	30	INECEL	72 / 3 / 1		
H743	COCA AJ MACHACUYACU	LM	240							30				
H726	COCA AJ MALO(DJ SALADO)	LG	240	0	8	35 S	77	36	16 W	1250	30	INECEL		75 / 9 / 1
H735	COCA EN CODO SINCLAIR	LG	240	0 °	1 '0 " S	77 °	20 '0 " W			30	INECEL	8 / 3 / 25	78 / 11 / 21	
H717	COCA EN LA GABARRA	LM	240	0 °	5 '6 " S	77 °	34 '0 " W			30	INECEL	78 / 11 / 21		
H740	COCA EN PRESA MALO	LM	240						4055	30	INECEL			
H739	COCA EN PRESA SALADO	LM	240						1265	30	INECEL			
H714	COCA EN SAN RAFAEL	LG	240	0	6	5 S	77	34	32 W	1160	30	INECEL	72 / 11 / 1	72 / 11 / 1
H742	COCA EN SECCION 2	LM	240							30	INECEL			
H731	COSANGA AJ QUIJOS	LG	240	0	29	30 S	77	51	50 W	1740	30	INAMHI	7 / 11 / 1	
H710	CHALUPAS EN CHALUPAS(AJ HUAHUI)	LG	240	0 °	50 '23 " S	78 °	16 '43 " W		3570	30	INERHI	72 / 12 / 1		
H725	EL GOLPE EN AUCACOCHA	LG	240	1 °	7 '50 " S	78 °	18 '24 " W		3440	14	INECEL	67 / 1 / 1	67 / 1 / 1	
H721	JATUNYACU DJ ILOCULIN	LG	240	1 °	5 '0 " S	77 °	54 '20 " W		570	30	INECEL	66 / 8 / 1		
H758	LLANDIA EN KM.25 VIA NAPO	LG	240							30	INAMHI	66 / 1 / 1		
H716	MALO AJ COCA	LM	240	0 °	7 '25 " S	77 °	36 '22 " W		1250	30	INECEL	79 / 1 / 1		
H720	MISAHUALI EN COTUNDO	LG	240	0 °	50 '30 " S	77 °	47 '4 " W		800	30	INECEL	71 / 1 / 1	8 / 6 / 22	
H734	MULATOS AJ VERDEYACU	LG	240	1 °	3 '0 " S	78 °	3 '0 " W			30	INECEL	8 / 6 / 22		
H729	OYACACHI AJ QUIJOS	LG	240	0 °	18 '16 " S	77 °	48 '30 " W		1520	30	INECEL	72 / 6 / 1		
HA2Q	PUERTO FRANCISCO DE ORELLANA	LM	240	0 °	27 '0 " S	76 °	56 '0 " W		298	30		96 / 9 /		
H715	QUIJOS AJ BOMBON	LG	240	0 °	17 '3 " S	77 °	44 '5 " W		1380	30	INECEL	78 / 7 / 17	78 / 4 / 3	
H733	QUIJOS AJ BORJA	LG	240	0 °	25 '3 " S	77 °	49 '0 " W		1635	30	INECEL	78 / 4 / 3		
H719	QUIJOS DJ OYACACHI	LG	240	0	18	10 S	77	46	30 W	1490	30	INAMHI		65 / 5 / 1
H736	QUIJOS DJ SALADO	LM	240	0 °	7 '40 " S	77 °	36 '0 " W		1100	30	INAMHI			
H718	QUIJOS EN BAEZA	LG	240	0 °	27 '16 " S	77 °	53 '11 " W		1770	30	INAMHI	64 / 6 / 1	1385	
H741	QUIJOS EN PRESA BALSAS	LM	240						1385	30	INECEL			
H737	QUIJOS EN PRESA BORJA	LM	240						1635	30	INECEL			
H738	QUIJOS EN PRESA CHACO	LM	240						1475	30	INECEL			
H728	SALADO AJ COCA(AJ GUAYTARINGO)	LG	240	0	9	10 S	77	39	48 W	1480	30	INECEL	75 / 9 / 1	82 / 9 / 9
H713	SAN PEDRO AJ AZUELA	LM	240	0 °	6 '21 " N	77 °	57 '37 " W		3468	12	INERHI	74 / 4 / 1		
H727	SANTA ROSA AJ QUIJOS	LG	240	0 °	18 '27 " S	77 °	46 '48 " W		1420	30	INECEL	72 / 8 / 15		
H724	SARDINAS AJ QUIJOS	LG	240	0 °	22 '11 " S	77 °	48 '7 " W		1195	30	INECEL	72 / 3 / 1		
H759	VERDEYACU AJ MULATOS	LG	240	1 °	2 '0 " S	78 °	1 '0 " W			30	INECEL	82 / 4 / 27	75 / 5 /	
HA1Z	VTE.CHIRIMICHAY 1 EN COTOPAXI	LM	240	0 °	42 '0 " S	78 °	23 '0 " W		2685	30	INERHI	75 / 5 /		
HA21	VTE.CHIRIMICHAY 2 EN COTOPAXI	LM	240	0 °	42 '0 " S	78 °	23 '0 " W		3570	30	INERHI	75 / 5 /		
HA22	VTE.CHIRIMICHAY 3 EN COTOPAXI	LM	240	0 °	42 '0 " S	78 °	22 '0 " W		3495	30	INERHI	75 / 5 /		
H722	YANAHURCO DJ VALLE	LG	240	0 °	41 '30 " S	78 °	16 '52 " W		3590	30	INAMHI	64 / 9 / 1		
260 CUENCA DEL RIO PASTAZA														
HA0F	AC.ALUMBRE HUAYCO #1 SA.CALLO	LM	260	0 °	46 '0 " S	78 °	35 '0 " W		2750	13	INERHI	71 / 12 /	75 / 3 / 2	
HA0I	AC.ALUMBRE HUAYCO #2 SA.CALLO	LM	260	0 °	43 '0 " S	78 °	35 '0 " W		2740	13	INERHI	71 / 11 / 22		
HA0J	AC.ALUMBRE HUAYCO #3 SA.CALLO	LM	260	0 °	43 '0 " S	78 °	35 '0 " W		2730	13	INERHI	71 / 11 / 22		
HA0K	AC.ALUMBRE HUAYCO #4 SA.CALLO	LM	260	0 °	43 '0 " S	78 °	35 '0 " W		2715	13	INERHI	71 / 12 / 1		
HA0W	AC.BAJA FERNANDEZ EN EL GALPON	LM	260	1 °	13 '25 " S	78 °	39 '27 " W		3170	14	INERHI	84 / 4 /	75 / 3 / 18	
HA1J	AC.BELLAVISTA EN BELLAVISTA	LM	260	0 °	53 '0 " S	78 °	36 '0 " W		2680	13	INERHI	71 / 11 / 27		
HA2A	AC.BUCHELI PALLATANGA(S.JUAN)	LM	260							14	INERHI	68 / 12 /		
HA1U	AC.BUENAVENTURA AJ S.SILVESTRE	LM	260	0 °	53 '24 " S	78 °	36 '44 " W			13	INERHI	72 / 3 /		
HA16	AC.CASIMIRO PAZMINNO	LM	260	1 °	26 '8 " S	78 °	48 '46 " W			16	INERHI	81 / 5 / 1	75 / 3 / 18	
HA0H	AC.CUTUCHI EN SAN RAFAEL	LM	260	0 °	44 '0 " S	78 °	36 '0 " W		2820	13	INERHI	71 / 11 /		
HA0X	AC.CHACON SEVILLA EN EL SUENNO	LM	260	1 °	15 '9 " S	78 °	38 '53 " W		2650	14	INERHI	73 / 5 /		
HA0V	AC.CHACON VASCONEZ EN GALPON	LM	260	1 °	12 '51 " S	78 °	42 '0 " W		3340	14	INERHI	84 / 4 /		
HA13	AC.CHIMBORAZO	LM	260	1 °	26 '31 " S	78 °	48 '32 " W			16	INERHI	83 / 1 /	75 / 3 / 18	
HA0C	AC.CHIMBORAZO #1 SA.CALLO	LM	260	0 °	43 '0 " S	78 °	35 '0 " W		2880	13	INERHI	71 / 11 / 22		
HA0E	AC.CHIMBORAZO #2 SA.CALLO	LM	260	0 °	43 '0 " S	78 °	35 '0 " W		2835	13	INERHI	71 / 11 / 22		
HA1R	AC.CHIMBORAZO #3	LM	260	0 °	43 '31 " S	78 °	35 '9 " W			13	INERHI	78 / 11 /		
HA0Y	AC.DARQUEA TILULUN	LM	260	1 °	15 '7 " S	78 °	38 '53 " W		2660	14	INERHI	73 / 5 /	75 / 3 / 18	
HA0B	AC.DE LA LUZ EN SA.CALLO	LM	260	0 °	43 '0 " S	78 °	35 '0 " W		2985	13	INERHI	71 / 11 / 22		
HA0A	AC.DEL PARAMO EN CTO.COLCAS	LM	260	0 °	42 '0 " S	78 °	32 '0 " W		3150	13	INERHI	74 / 5 / 7		
HA1P	AC.DEL PUEBLO PATATE	LM	260							14	INERHI	73 / 5 / 1		
HA0D	AC.DEL SIFON EN SA.CALLO	LM	260	0 °	43 '0 " S	78 °	35 '0 " W		2970	13	INERHI	72 / 3 / 15	75 / 3 / 18	
HA1K	AC.EL CASPI EN CASPI(RINCONADA)	LM	260	0 °	43 '0 " S	78 °	34 '0 " W		2990	13	INERHI	85 / 2 /		
HA1Q	AC.EL SIFON GRANDE	LM	260	0 °	43 '30 " S	78 °	35 '9 " W			13	INERHI	71 / 11 /		
HA1B	AC.FINI ANDIA EN J.GUANGO	LM	260	0 °	47 '0 " S	78 °	35 '0 " W		2750	13	INERHI	71 / 11 / 22		

INVENTARIO DE ESTACIONES HIDROMETRICAS SUPERFICIALES

CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD			LONGITUD			ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE	FECHA DE
				GG	MM	SS	GG	MM	SS				INSTALACION AA / MM / DD	LEVANTAMIENTO AA / MM / DD
HA1H	AC.HIERBA BUENA EN J.GUANGO	LM	260	0 °	49 ' 0 " S		78 °	36 ' 0 " W		2743	13	INERHI	71 / 11 / 27	
HA19	AC.JUAN MONTALVO CA MULALO	LM	260	0 °	46 ' 0 " S		78 °	35 ' 0 " W		2730	13	INERHI	71 / 11 / 27	
HA1W	AC.JULIO MOLINA TQ.AG.PTBL.	LM	260	0 °	54 ' 0 " S		78 °	36 ' 0 " W		2610	13	INERHI	71 / 11 / 21	
HA1I	AC.LA AVELINA EN P.COLORADA	LM	260	0 °	48 ' 0 " S		78 °	36 ' 0 " W		2740	13	INERHI	71 / 11 / 27	
HA0G	AC.LA CIENEGA EN LASSO	LM	260	0 °	44 ' 0 " S		78 °	36 ' 0 " W		2825	13	INERHI	71 / 11 / 22	
HA29	AC.LA RINCONADA	LM	260	0 °	41 ' 54 " S		78 °	33 ' 43 " W			13	INERHI	78 / 4 /	
HA0O	AC.MANCHENO EN P.DIAMANTE	LM	260	0 °	44 ' 0 " S		78 °	33 ' 0 " W		2910	13	INERHI	71 / 11 / 17	
HA1A	AC.MARCELO COBO EN J.GUANGO	LM	260	0 °	47 ' 0 " S		78 °	35 ' 0 " W		2780	13	INERHI	71 / 11 / 17	
HA1E	AC.MARCELO COBO EN J.GUANGO	LM	260	0 °	48 ' 0 " S		78 °	36 ' 0 " W		2690	13	INERHI	71 / 11 / 27	
HA1F	AC.MARCELO COBO EN J.GUANGO	LM	260	0 °	49 ' 0 " S		78 °	35 ' 0 " W		2745	13	INERHI	71 / 11 /	
HA2B	AC.MOCHA QUERO PELILEO(YAYULIQUI)	LM	260								14	INERHI	69 / 4 /	
HA15	AC.MOCHA TISALEO CEVALLOS	LM	260	1 °	24 ' 40 " S		78 °	41 ' 0 " W		3460	14	INERHI	75 / 9 / 1	
HA14	AC.OLALLA #1	LM	260	1 °	24 ' 22 " S		78 °	41 ' 18 " W		3560	14	INERHI	75 / 9 / 1	
HA11	AC.OLALLA #2	LM	260	1 °	25 ' 8 " S		78 °	40 ' 5 " W		3240	14	INERHI	75 / 8 / 1	
HA10	AC.PACHANLICA	LM	260	1 °	20 ' 11 " S		78 °	35 ' 19 " W			14	INERHI	83 / 3 /	
HA12	AC.PINGUILI	LM	260	1 °	24 ' 57 " S		78 °	40 ' 5 " W		3235	14	INERHI	75 / 8 / 27	
HA0U	AC.PLTA.ELEC.LA AVELINA	LM	260	0 °	48 ' 0 " S		78 °	37 ' 0 " W		2745	13	INERHI	71 / 11 / 27	
HA1T	AC.QUISINCHE	LM	260	0 °	47 ' 46 " S		78 °	35 ' 32 " W			13	INERHI	71 / 11 /	
HA0S	AC.RAMIRO ESPINOZA CA MULALO	LM	260	0 °	47 ' 0 " S		78 °	36 ' 0 " W		2695	13	INERHI	71 / 11 /	
HA17	AC.RAMIRO ESPINOZA CA MULALO	LM	260	0 °	47 ' 0 " S		78 °	36 ' 0 " W		2735	13	INERHI	71 / 11 / 27	
HA18	AC.RAMIRO ESPINOZA CA MULALO	LM	260	0 °	47 ' 0 " S		78 °	35 ' 0 " W		2736	13	INERHI	71 / 11 / 27	
HA0N	AC.RAMOS EN LASSO	LM	260	0 °	45 ' 0 " S		78 °	36 ' 0 " W		2823	13	INERHI	71 / 11 / 22	
HA0M	AC.RESERVORIO DR EN SA.CALLO	LM	260	0 °	43 ' 0 " S		78 °	35 ' 0 " W		2785	13	INERHI	72 / 3 / 15	
HA0L	AC.RESERVORIO IZ EN SA.CALLO	LM	260	0 °	43 ' 0 " S		78 °	35 ' 0 " W		2780	13	INERHI	72 / 3 / 15	
HA1V	AC.ROJAS EN LATACUNGA	LM	260	0 °	57 ' 0 " S		78 °	36 ' 0 " W		2595	13	INERHI	71 / 11 / 22	
HA1X	AC.SAN BUENAVENTURA EN BELLAVISTA	LM	260	0 °	53 ' 0 " S		78 °	36 ' 0 " W		2680	13	INERHI	72 / 3 / 22	
HA0P	AC.SAN ELIAS EN H.LA DOLOROSA	LM	260	0 °	45 ' 0 " S		78 °	33 ' 0 " W		2970	13	INERHI	72 / 1 / 11	
HA1G	AC.SAN JOSE EN J.GUANGO	LM	260	0 °	49 ' 0 " S		78 °	35 ' 0 " W		2740	13	INERHI	71 / 11 / 27	
HA0Z	AC.SAN JOSE O VINNA BAJA	LM	260	1 °	14 ' 6 " S		78 °	32 ' 54 " W		2360	14	INERHI	69 / 2 / 1	
HA1C	AC.SAN JUAN EN J.GUANGO	LM	260	0 °	47 ' 0 " S		78 °	35 ' 0 " W		2635	13	INERHI	71 / 11 /	
HA0T	AC.TILIPULO EN INDULAC	LM	260	0 °	47 ' 0 " S		78 °	37 ' 0 " W		2770	13	INERHI	71 / 11 / 27	
HA0Q	AC.TOMAS MALDONADO-F.ARM COPAXI	LM	260	0 °	47 ' 0 " S		78 °	36 ' 0 " W		2750	13	INERHI	72 / 1 / 1	
HA0R	AC.VALDIVIEZO CA MULALO	LM	260	0 °	47 ' 0 " S		78 °	36 ' 0 " W		2775	13	INERHI	71 / 11 / 27	
HA1D	AC.YEROVI EN J.GUANGO	LM	260	0 °	49 ' 0 " S		78 °	35 ' 0 " W		2650	13	INERHI	71 / 11 / 22	
H953	ACCHI EN PARAMO ACCHI	LM	260	0 °	51 ' 18 " S		78 °	46 ' 45 " W		3620	13	INERHI	75 / 1 / 1	
HA23	AGUAS SERVIDAS DE LATACUNGA	LM	260	0 °	56 ' 9 " S		78 °	36 ' 53 " W			13	INERHI	79 / 1 /	
H787	ALAO EN HDA.ALAO	LG	260	1 °	52 ' 11 " S		78 °	30 ' 40 " W		3200	16	INAMHI	63 / 12 / 1	
H773	ALAUQUEZ AJ CUTUCHI(COL.S.RODR)	LM	260	0 °	54 ' 53 " S		78 °	37 ' 22 " W		2700	13	INERHI	71 / 11 / 1	
H947	ALAUQUEZ DJ BARRANCAS TOLUGCHE	LM	260	0 °	49 ' 45 " S		78 °	32 ' 57 " W		3205	13	INERHI	73 / 7 / 1	
H874	ALAUQUEZ EN P.CHILLOS(H.COLAYA)	LM	260	0 °	51 ' 3 " S		78 °	35 ' 14 " W		3010	13	INERHI	73 / 4 / 1	
H863	ALAUQUEZ EN PUENTE(LAIGUA)	LM	260	0 °	51 ' 38 " S		78 °	36 ' 21 " W			13	INERHI	76 / 2 / 4	78 / 4 / 1
HA1L	ALCANTARILLA DE AMBATO	LM	260	1 °	13 ' 37 " S		78 °	37 ' 10 " W			14	INERHI	76 / 6 /	
H801	AMBATO EN AMBATO	LG	260	1 °	15 ' 32 " S		78 °	39 ' 46 " W		2680	14	INAMHI	63 / 11 / 1	
H779	AMBATO EN EL SOCABON	LM	260	1 °	13 ' 29 " S		78 °	37 ' 2 " W			14	INERHI	76 / 8 / 1	
H780	AMBATO EN LA PENINSULA	LM	260	1 °	14 ' 48 " S		78 °	35 ' 57 " W			14	INERHI	76 / 6 / 9	
H860	AMBATO EN MARCOPAMBA	LM	260	1 °	16 ' 2 " S		78 °	44 ' 32 " W		2960	14	INERHI	76 / 11 / 19	
H791	BALSACON EN SAN ANDRES	LM	260	1 °	34 ' 15 " S		78 °	43 ' 14 " W		3000	16	INAMHI	62 / 11 / 1	
H946	BARRANCAS EN H.TOLUGCHE	LM	260	0 °	49 ' 27 " S		78 °	32 ' 45 " W		3195	13	INERHI	75 / 1 / 1	
H862	BLANCO AJ COLLANES	LG	260	1 °	39 ' 32 " S		78 °	29 ' 55 " W		3180	16	INERHI	84 / 9 / 22	
H782	BLANCO AJ PUMACUNCHI	LM	260	0 °	44 ' 52 " S		78 °	42 ' 10 " W		3360	13	INAMHI	65 / 6 / 1	
H764	CALAMACA DJ Q.HUARCUSACHA	LG	260	1 °	16 ' 21 " S		78 °	49 ' 2 " W		3440	14		88 / 6 /	
H808	CANAL ALBORNOZ-NARANJO	LM	260	1 °	18 ' 51 " S		78 °	35 ' 27 " W		2638	14	INERHI	69 / 5 / 1	
H827	CANAL BLANCO	LM	260								12	INERHI		72 / 12 / 1
H810	CANAL BUCHELI	LM	260	1 °	15 ' 51 " S		78 °	40 ' 11 " W		2880	14	INERHI	68 / 1 / 1	
H806	CANAL CISNEROS ALTA	LM	260								14	INERHI	69 / 2 / 1	
H804	CANAL CISNEROS BAJA	LM	260								14	INERHI	69 / 2 / 1	
H837	CANAL CUMBIJIN OD1(R.YANAYACU)	LM	260								14	INERHI	63 / 5 / 1	
H805	CANAL CHACON VASCONEZ	LM	260	1 °	12 ' 7 " S		78 °	39 ' 35 " W		3310	14	INERHI	68 / 1 / 1	
H811	CANAL FERNANDEZ BAJA	LM	260	1 °	12 ' 36 " S		78 °	39 ' 48 " W		3180	14	INERHI	68 / 11 / 1	83 / 9 / 16
H828	CANAL GALPON MD OD2(YANAYACU)	LM	260								14	INERHI	63 / 5 / 1	72 / 8 / 1
H832	CANAL GALPON OI(R.YANAYACU)	LM	260								14	INERHI	63 / 5 / 1	72 / 7 / 1
H829	CANAL GALPON SL OD3(YANAYACU)	LM	260								14	INERHI	63 / 5 / 1	72 / 8 / 1
H768	CANAL GARCIA MORENO	LM	260	1 °	20 ' 0 " S		78 °	35 ' 23 " W		2663	14	INERHI	78 / 1 /	
H834	CANAL JAUREGUI	LM	260	1 °	14 ' 48 " S		78 °	44 ' 24 " W		2745	14	INERHI	73 / 8 / 1	
H835	CANAL LA VICTORIA	LM	260	1 °	20 ' 0 " S		78 °	35 ' 27 " W		2695	14	INERHI	64 / 12 / 1	
H809	CANAL MOCHA HUACHI	LM	260	1 °	25 ' 13 " S		78 °	39 ' 6 " W		3170	14	INERHI	69 / 3 / 1	
H830	CANAL MOCHA-QER-PEL(YANAYACU)	LM	260	1 °	24 ' 47 " S		78 °	38 ' 22 " W			14	INERHI	59 / 4 / 1	76 / 2 / 1
H765	CANAL MOLINO(R.AMBATO)	LM	260								14		63 / 6 / 23	
H799	CANAL MULALILLO	LM	260	1 °	3 ' 34 " S		78 °	41 ' 32 " W			13	INAMHI	68 / 7 / 1	
H767	CANAL PACHANLICA	LM	260	1 °	20 ' 0 " S		78 °	35 ' 25 " W		2665	14	INERHI	7 / 1 / 1	
H831	CANAL PILLARO OI(R.YANAYACU)	LM	260								14	INERHI	63 / 5 / 1	76 / 1 / 1
H833	CANAL SALADO	LM	260	1 °	18 ' 9 " S		78 °	51 ' 9 " W		3600	14	INERHI	69 / 1 / 1	78 / 7 / 12
H807	CANAL SEVILLA CARRASCO(PTE.BENITEZ)	LM	260								14	INERHI	69 / 5 / 1	
H802	CANAL TILULUM	LM	260	1 °	15 ' 26 " S		78 °	39 ' 32 " W		2660	14	INAMHI	63 / 11 / 1	
H871	CANAL TILULUN EN EL SUENNO	LM	260								14	INERHI	84 / 8 /	
H838	CANAL TROYA	LM	260	1 °	18 ' 48 " S		78 °	35 ' 27 " W			14	INERHI	69 / 2 / 1	
H836	CANAL VINNA ALTA	LM	260	1 °	14 ' 6 " S		78 °	32 ' 54 " W		2370	14	INERHI	69 / 1 / 1	
H790	CEBADAS AJ GUAMOTE	LG	260	1 °	53 ' 0 " S		78 °	38 ' 18 " W		2840	16	INAMHI	65 / 11 / 1	
H864	COLLANES AJ BLANCO	LM	260	1 °	39 ' 11 " S		78 °	29 ' 46 " W		3170	16	INERHI	84 / 9 / 22	
H950	CUILCHE EN PASTOCALLE	LM	260	0 °	53 ' 0 " S		78 °	37 ' 0 " W		2920	13	INERHI	73 / 7 /	
H776	CUNUYACU EN LATACUNGA	LM	260	0 °	56 ' 13 " S		78 °	36 ' 43 " W		2585	13	INERHI	71 / 11 / 1	
H957	CUTUCHI AJ PUMACUNCHI	LM	260	0 °	57 ' 7 " S		78 °	36 ' 53 " W		2505	13	INERHI	77 / 2 / 1	
H792	CUTUCHI AJ YANAYACU	LG	260	1 °	3 ' 41 " S		78 °	36 ' 7 " W		2692	13	INAMHI	64 / 5 / 1	
H855	CUTUCHI CA MULALO	LM	260	0 °	47 ' 22 " S		78 °	36 ' 40 " W		2750	13	INERHI		
H961	CUTUCHI CA S.A.DE CALLO	LM	260	0 °	44 ' 30 " S		78 °	36 ' 24 " W		2820	13	INERHI	71 / 11 / 22	
H958	CUTUCHI CA SALACHE	LM	260	0 °	59 ' 11 " S		78 °	36 ' 3 " W		2500	13	INERHI	76 / 5 / 1	
H956	CUTUCHI DBT CANAL DEL NORTE	LM	260	0 °	41 ' 0 " S		78 °	34 ' 0 " W		2845	13	INERHI	78 / 2 /	
H872	CUTUCHI DJ MALTERIA LA VICTORIA	LM	260	0 °	55 ' 18 " S		78 °	36 ' 6 " W		2760	13	INERHI	77 / 2 /	
H854	CUTUCHI EN CASPI	LM	260	0 °	42 ' 12 " S		78 °	34 ' 53 " W		2930	13	INERHI		
H865	CUTUCHI EN HDA.SAN AGUSTIN	LM	260	0 °	44 ' 26 " S		78 °	36 ' 21 " W		3000	13	INERHI	77 / 5 / 26	
H771	CUTUCHI EN J.GUANGO	LM	260	0 °	48 ' 43 " S		78 °	37 ' 14 " W		2735	13	INERHI	71 / 8 /	

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CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD			LONGITUD			ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE	FECHA DE
				GG	MM	SS	GG	MM	SS				INSTALACION AA / MM / DD	LEVANTAMIENTO AA / MM / DD
H954	CUTUCHI EN LASSO(DSF.ILES)	LM	260	0 °	45 ' 18 " S		78 °	36 ' 19 " W		2780	13	INERHI	77 / 3 / 1	
H774	CUTUCHI EN LATAUNGA	LM	260	0 °	56 ' 8 " S		78 °	36 ' 53 " W		2590	13	INERHI	7 / 8 / 1	
H856	CUTUCHI EN PIEDRA COLORADA	LM	260	0 °	48 ' 45 " S		78 °	37 ' 10 " W		2905	13	INERHI		
H866	CUTUCHI EN PTE.RUMIPAMBA	LM	260	0 °	56 ' 6 " S		78 °	36 ' 54 " W		2760	13	INERHI	8 / 7 / 1	
H850	CHAMBO AJ PATATE	LM	260								14	INECEL	82 / 1 / 8	
H816	CHAMBO DJ GUANO	LM	260	1 °	38 ' 0 " S		78 °	32 ' 55 " W			16	INECEL	82 / 4 / 2	
H826	CHAMBO EN HDA.CAHUAJI	LG	260	1 °	27 ' 30 " S		78 °	29 ' 26 " W		2295	14	INECEL	78 / 1 / 1	
H825	CHAMBO EN PENIPE	LG	260	1 °	33 ' 47 " S		78 °	31 ' 55 " W		2360	16	INAMHI	63 / 2 / 1	
H785	CHIBUNGA EN CALPI	LM	260	1 °	38 ' 48 " S		78 °	45 ' 9 " W		3020	16	INAMHI	63 / 4 / 1	
HA28	DESCARGA SALCEDO AJ CUTUCHI	LM	260								13	INERHI	77 / 5 / 1	
HA27	DESFOGUE CIUDADELA RUMIPAMBA	LM	260	0 °	56 ' 10 " S		78 °	36 ' 54 " W			13	INERHI	77 / 2 / 1	
HA24	DESFOGUE ILESA	LM	260	0 °	45 ' 10 " S		78 °	36 ' 21 " W			13	INERHI	77 / 2 / 1	
HA25	DESFOGUE INDULAC	LM	260	0 °	47 ' 13 " S		78 °	36 ' 37 " W			13	INERHI	79 / 8 / 1	
HA26	DESFOGUE MALTERIA LA VICTORIA	LM	260	0 °	55 ' 25 " S		78 °	37 ' 20 " W			13	INERHI	77 / 2 / 1	
H842	EMBALSE DE PISAYAMBO	LG	260	1 °	5 ' 0 " S		78 °	22 ' 50 " W			14	INECEL	81 / 1 / 1	
H786	GUAMOTE AJ CEBADAS	LM	260	1 °	52 ' 38 " S		78 °	38 ' 6 " W		2840	16	INAMHI	65 / 11 / 1	83 / 4 / 16
H789	GUARGUALLA AJ CEBADAS	LG	260	1 °	52 ' 13 " S		78 °	36 ' 8 " W		2828	16	INAMHI	64 / 7 / 1	
H819	ILLUCHI AA BOCATOMA #1	LM	260	0 °	55 ' 0 " S		78 °	28 ' 0 " W			13	INECEL	77 / 5 / 1	
H857	ILLUCHI CVA AMBATO(AJ CUTUCHI)	LM	260	0 °	58 ' 54 " S		78 °	36 ' 3 " W		2540	13	INERHI		
H949	ILLUCHI EN PLTA.ELECTRICA	LM	260	0 °	56 ' 0 " S		78 °	32 ' 0 " W		2730	13	INERHI	73 / 5 / 1	
H959	ISINCHE AJ CUTUCHI	LM	260	1 °	0 ' 0 " S		78 °	36 ' 0 " W		2485	13	INERHI	77 / 2 / 1	
H784	MAHUAZO AJ ALAO	LM	260	1 °	51 ' 39 " S		78 °	32 ' 0 " W		3070	16	INAMHI	67 / 8 / 1	
H960	MOCHA ABT AC.QUERO-PELILEO	LM	260	1 °	25 ' 18 " S		80 °	29 ' 7 " W			14	INERHI	76 / 9 / 1	
H861	MOCHA EN CACAHUANGO	LM	260	1 °	24 ' 47 " S		78 °	38 ' 29 " W		3070	14	INERHI		
H870	MOCHA EN MOCHAPATA	LM	260	1 °	25 ' 52 " S		78 °	40 ' 24 " W			14	INERHI	75 / 8 / 1	
H867	MOCHA-ATILLO	LG	260	1 °	25 ' 42 " S		78 °	40 ' 4 " W		3292	14	INERHI	81 / 11 / 1	
H839	MUYO AJ PASTAZA	LM	260	1 °	21 ' 50 " S		78 °	23 ' 42 " W		1700	14	INECEL	8 / 4 / 25	
H858	NAGSICHE EN BALNEARIO(AJ CUTUCHI)	LM	260	1 °	3 ' 32 " S		78 °	36 ' 23 " W		2440	13	INERHI		
H793	NAGSICHE PLTA.ELEC.CUSUBAMBA	LM	260	1 °	3 ' 42 " S		78 °	41 ' 25 " W		2960	13	INAMHI	65 / 7 / 1	
H795	NEGRO AJ PUMACUNCHI	LM	260	0 °	46 ' 33 " S		78 °	41 ' 23 " W		3060	13	INAMHI	65 / 6 / 1	87 / 5 / 24
H783	OZOGOCHÉ EN LOS LAGOS	LG	260	2 °	13 ' 45 " S		78 °	36 ' 45 " W		3715	16	INAMHI	65 / 2 / 1	
H803	PACHANLICA AJ AMBATO	LM	260	1 °	14 ' 11 " S		78 °	32 ' 58 " W		2310	14	INAMHI	69 / 7 / 1	
H797	PANSACHI EN HDA.BANNOS	LM	260	0 °	48 ' 24 " S		78 °	27 ' 48 " W		3780	13	INERHI	73 / 1 / 1	
H798	PASTAZA AJ ENCANTO	LG	260	1 °	25 ' 42 " S		78 °	10 ' 36 " W		1150	14	INECEL	78 / 9 / 16	
H844	PASTAZA AJ S.FRANCISCO	LM	260								14	INECEL	82 / 9 / 1	
H800	PASTAZA EN BANNOS	LG	260	1 °	23 ' 23 " S		78 °	25 ' 16 " W		1729	14	INAMHI	62 / 7 / 1	
H841	PASTAZA EN C.DE MAQUINAS	LM	260								14	INECEL	8 / 4 / 4	
H840	PASTAZA EN LA PRESA	LM	260								14	INECEL	78 / 3 / 4	
H846	PASTAZA EN LLIGUA	LM	260								14	INECEL	82 / 1 / 17	
H845	PASTAZA EN SECCION K	LM	260								14	INECEL		
H849	PATATE AJ BLANCO	LM	260								14	INECEL	82 / 1 / 14	
H847	PATATE AJ CHAMBO	LM	260								14	INECEL	82 / 1 / 1	
H817	PATATE DJ AMBATO	LG	260	1 °	15 ' 0 " S		78 °	30 ' 36 " W			14	INECEL	82 / 4 / 2	
H848	PATATE EN PTE.VIEJO	LM	260								14	INECEL	82 / 1 / 13	
H952	PATOA EN PATOA	LM	260	0 °	58 ' 35 " S		78 °	38 ' 56 " W		2675	13	INERHI	74 / 12 / 1	
H851	PISAYAMBO AJ QUILLOPACCHA	LG	260	1 °	3 ' 42 " S		78 °	24 ' 18 " W		3480	14	INECEL	66 / 1 / 1	78 / 3 / 6
H788	PUELA AJ CHAMBO	LG	260	1 °	31 ' 48 " S		78 °	26 ' 53 " W		2460	16	INAMHI	65 / 4 / 1	
H948	PUJILI EN EL TINGO	LM	260	0 °	55 ' 58 " S		78 °	42 ' 39 " W		2880	13	INERHI	73 / 5 / 1	
H951	PUJILI EN PUJILI	LM	260	0 °	57 ' 20 " S		78 °	41 ' 37 " W		2810	13	INERHI	74 / 12 / 1	
H859	PUMACUNCHI AJ CUTUCHI	LM	260	0 °	57 ' 0 " S		78 °	36 ' 40 " W		2510	13	INERHI	76 / 5 / 5	8 / 6 / 3
H794	PUMACUNCHI DJ BLANCO Y NEGRO	LM	260	0 °	46 ' 40 " S		78 °	41 ' 8 " W		3030	13	INAMHI	65 / 6 / 1	87 / 5 / 24
H772	PUMACUNCHI EN H.PATOCOCHA	LM	260	0 °	52 ' 12 " S		78 °	37 ' 58 " W		2650	13	INERHI	72 / 1 / 1	
H775	PUMACUNCHI EN LATAUNGA	LM	260	0 °	56 ' 25 " S		78 °	37 ' 0 " W		2600	13	INERHI	69 / 7 / 1	
H821	QDA.AGUALONGO PUNGO	LM	260	1 °	2 ' 25 " S		78 °	23 ' 20 " W			14	INECEL	81 / 8 / 1	
H777	QDA.BOLICHE AJ CUTUCHI	LM	260	0 °	44 ' 19 " S		78 °	36 ' 23 " W		2830	13	INERHI	78 / 2 / 1	
H873	QDA.CATEQUILLA BAJA EN S.FELIPE	LM	260	0 °	54 ' 35 " S		78 °	37 ' 53 " W		2620	13	INERHI	71 / 11 / 1	
H815	QDA.CHAHUARPATA AJ PASTAZA	LM	260	1 °	23 ' 39 " S		78 °	20 ' 50 " W			14	INECEL	8 / 8 / 7	
H813	QDA.CHAHUARYACU	LM	260	1 °	23 ' 40 " S		78 °	22 ' 0 " W			14	INECEL	8 / 4 / 14	
H824	QDA.EL TAMBO	LM	260	1 °	5 ' 30 " S		78 °	20 ' 30 " W			14	INECEL	81 / 8 / 1	
H763	QDA.MULA CORRAL AJ CALAMACA	LM	260								14		88 / 12 / 1	
H823	QDA.PATOJAPINA	LM	260	1 °	5 ' 0 " S		78 °	20 ' 10 " W			14	INECEL	81 / 8 / 1	
H822	QDA.RONCADOR	LM	260	1 °	4 ' 40 " S		78 °	22 ' 25 " W			14	INECEL	81 / 8 / 1	
H814	QDA.STA.ROSA AJ PASTAZA	LM	260	1 °	23 ' 40 " S		78 °	22 ' 10 " W			14	INECEL	8 / 1 / 3	
H843	QUILLOPACCHA ABT	LG	260								14	INECEL	85 / 9 / 15	
H852	QUILLOPACCHA AJ PISAYAMBO	LG	260	1 °	3 ' 10 " S		78 °	24 ' 42 " W		3480	14	INECEL	66 / 1 / 1	78 / 8 / 3
H818	QUILLOPACCHA EN C.DE ADUCCION	LM	260	1 °	5 ' 0 " S		78 °	17 ' 0 " W			14	INECEL	81 / 9 / 15	
H762	RIO BLANCO TUNGURAHUA	LM	260								14		88 / 12 / 1	
H766	SAQUIMALA CA MULALO	LM	260	0 °	47 ' 22 " S		78 °	36 ' 2 " W		2730	13	INERHI	71 / 11 / 1	
H820	TALATAG ABT	LG	260	1 °	7 ' 0 " S		78 °	24 ' 20 " W			14	INECEL	81 / 9 / 15	
H853	TALATAG AJ PISAYAMBO	LG	260	1 °	5 ' 11 " S		78 °	24 ' 50 " W		3470	14	INECEL	65 / 5 / 1	77 / 2 / 21
H770	TAMBOYACU CA J.GUANGO	LM	260	0 °	49 ' 6 " S		78 °	36 ' 10 " W		2750	13	INERHI	71 / 12 / 1	
H769	TAMBOYACU CA MULALO	LM	260	0 °	47 ' 18 " S		78 °	35 ' 14 " W		2775	13	INERHI	71 / 11 / 1	
H778	TAMBOYACU EN BRIG.PATRIA	LM	260	0 °	50 ' 37 " S		78 °	36 ' 45 " W		2840	13	INERHI	85 / 5 / 1	
HA1M	TENERIA ALEMANA	LM	260	1 °	13 ' 46 " S		78 °	36 ' 30 " W			14	INERHI	77 / 1 / 1	
H875	TOLUGCHE EN H.TOLUGCHE	LM	260	0 °	59 ' 0 " S		78 °	33 ' 0 " W		3180	13	INERHI	73 / 7 / 1	
H812	ULBA AJ PASTAZA	LM	260	1 °	23 ' 0 " S		78 °	22 ' 0 " W			14	INECEL	8 / 4 / 24	
H781	VERDE AJ PASTAZA	LM	260	1 °	23 ' 55 " S		78 °	17 ' 47 " W		1495	14	INECEL	62 / 7 / 1	
HA1N	VERTEDERO HOSP.DE AMBATO	LM	260	1 °	13 ' 40 " S		78 °	36 ' 38 " W			14	INERHI	76 / 6 / 1	
HA1Y	VTE.CADENAS EN PATOA	LM	260	0 °	57 ' 0 " S		78 °	43 ' 0 " W		2685	13	INERHI	74 / 12 / 13	
HA1S	VTE.LA ESPERANZA	LM	260	0 °	0 ' 0 " S		0 °	0 ' 0 " W			13	INERHI	71 / 11 / 1	
H869	YANAYACU AJ MOCHA	LM	260	1 °	25 ' 54 " S		78 °	39 ' 55 " W			14	INERHI	75 / 8 / 29	
H955	YANAYACU EN LATAUNGA	LM	260	0 °	55 ' 47 " S		78 °	36 ' 57 " W		2600	13	INERHI	77 / 2 / 1	
H796	YANAYACU EN PTE.PUCARA	LG	260	1 °	5 ' 6 " S		78 °	27 ' 16 " W		3095	13	INAMHI	63 / 5 / 1	84 / 7 / 1
H868	YANAYACU EN TQ.AG.PT(AJ CUTUCHI)	LM	260	0 °	54 ' 48 " S		78 °	35 ' 26 " W		2590	13	INERHI	76 / 2 / 1	78 / 2 / 1
280 CUENCA DEL RIO SANTIAGO														
H911	ABANICO EN PTE.ANGOSTURA	LM	280	2 °	15 ' 58 " S		78 °	11 ' 57 " W			32	INECEL	78 / 9 / 1	
H941	BOLO AJ S.BARBARA	LM	280	3 °	0 ' 53 " S		78 °	49 ' 6 " W			18	INERHI	85 / 7 / 1	
H881	BOMBOIZA AJ ZAMORA	LG	280	3 °	27 ' 14 " S		78 °	29 ' 47 " W		820	32	INECEL	74 / 7 / 1	
HA36	BURGAY A.J. TOMBAMBA	LG	280	2 °	49 ' 15 " S		78 °	52 ' 38 " W			18	INECEL	97 / 2 / 21	
H932	BURGAY AJ DELEG	LG	280	2 °	49 ' 18 " S		78 °	52 ' 24 " W		2340	17	INECEL	85 / 1 / 24	
H969	BURGAY AJ PAUTE	LM	280	2 °	49 ' 28 " S		78 °	52 ' 42 " W		2298	18	INECEL	78 / 1 / 1	

INVENTARIO DE ESTACIONES HIDROMETRICAS SUPERFICIALES

CODIGO	NOMBRE DE LA ESTACION	TIPO	ZONA HIDRO	LATITUD			LONGITUD			ALTURA	PROVIN- CIA	INSTITU- CION	FECHA DE	FECHA DE
				GG	MM	SS	GG	MM	SS				INSTALACION AA / MM / DD	LEVANTAMIENTO AA / MM / DD
H901	CANAL SAYMIRIN	LM	280	2 °	45 ' 37 " S		79 °	0 ' 42 " W		2900	18	INAMHI	65 / 7 / 1	
H929	COLLAY AJ PAUTE	LG	280	2 °	45 ' 30 " S		78 °	38 ' 59 " W		2110	18	INECEL	85 / 1 / 21	
H880	CUENCA AJ QUINGEO	LM	280	2 °	50 ' 42 " S		78 °	54 ' 30 " W		2299	18	INERHI	78 /	
H927	CHUCHUMBLETA AJ ZAMORA	LG	280	3 °	33 ' 1 " S		78 °	30 ' 33 " W		850	32	INECEL	75 / 3 / 1	
H920	CHULCO EN EL LABRADO	LG	280	2 °	43 ' 6 " S		79 °	4 ' 0 " W		3260	18	E.E.CUENCA	67 / 6 / 1	78 / 6 / 14
H921	CHULCO EN JATUNGUZO	LM	280	2 °	44 ' 14 " S		79 °	2 ' 4 " W		3080	18	INAMHI	63 / 8 / 1	76 / 1 / 1
H933	DELEG AJ BURGAY	LG	280	2 °	49 ' 30 " S		78 °	52 ' 47 " W			17	INECEL	85 / 1 / 23	
H902	DUDAS EN PINDILIG	LG	280	2 °	37 ' 45 " S		78 °	40 ' 6 " W		2450	17	INECEL	63 / 7 / 1	
H937	EL CARMEN EN ZAMORA HUAYCO	LM	280	4 °	1 ' 34 " S		79 °	11 ' 13 " W		2135	19	INERHI	82 / 11 / 1	
H923	GALUAY AJ TABACAY	LM	280	2 °	42 ' 15 " S		78 °	53 ' 44 " W		2548	17	INERHI	79 / 2 / 1	
H882	GUALACEO AJ CERTAG	LM	280								18	INERHI		
H931	GUALACEO AJ PAUTE	LG	280	2 °	52 ' 0 " S		78 °	45 ' 54 " W		2200	18	INECEL	85 / 1 / 23	
HA37	GUALACEO D.J. PAMAR (PIRUCAY)	LG	280	2 °	49 ' 14 " S		78 °	48 ' 19 " W			18	INECEL	97 / 2 / 21	
H915	JADAN AJ PAUTE	LG	280	2 °	51 ' 58 " S		78 °	52 ' 1 " W		2440	18	INECEL	83 / 5 / 16	
H930	JADAN EN TASQUI	LM	280								18	INECEL	84 / 4 / 15	
H906	JUVAL AJ PAUTE	LM	280	2 °	23 ' 36 " S		78 °	33 ' 30 " W		1950	17	INECEL	77 / 12 / 2	83 / 1 / 19
H936	LAGRIMAS EN MOTUPE	LM	280	3 °	56 ' 2 " S		79 °	13 ' 7 " W		1995	19	INERHI	81 / 1 / 11	
H935	LAS JUNTAS EN ILLINSHAPA	LM	280	3 °	49 ' 58 " S		79 °	12 ' 16 " W		1940	19	INERHI	8 / 12 / 1	
H903	LLUCLLUCHAS EN PTE.CARRETERA	LM	280								18	CREA	76 / 6 / 17	
HA31	MACHANGARA A.J. TOMBAMBA	LG	280	2 °	53 ' 3 " S		78 °	57 ' 16 " W			18	INECEL	97 / 2 / 21	
H905	MACHANGARA AJ CHULCO	LM	280	2 °	44 ' 11 " S		79 °	0 ' 24 " W		2915	18	INAMHI	63 / 8 / 1	85 / 9 / 19
H922	MACHANGARA EN SAYMIRIN	LG	280	2 °	45 ' 32 " S		79 °	0 ' 24 " W		2970	18	INAMHI	64 / 7 / 1	76 / 7 / 2
H924	MATADERO AJ SURUCUCHO	LM	280	2 °	49 ' 32 " S		79 °	8 ' 0 " W		3180	18	E.E.CUENCA	68 / 1 / 1	72 / 1 / 1
H896	MATADERO EN SAYAUSI	LG	280	2 °	52 ' 1 " S		79 °	4 ' 0 " W		2645	18	INAMHI	64 / 4 / 1	
H892	MAZAR AJ PAUTE	LM	280	2 °	34 ' 14 " S		78 °	38 ' 35 " W		2250	17	INECEL	72 / 9 / 17	
H907	NAMANGOZA DJ UPANO	LG	280	2 °	45 ' 35 " S		78 °	16 ' 30 " W		410	32	INECEL	76 / 1 / 21	
H885	NANGARITZA AJ ZAMORA	LG	280	3 °	55 ' 11 " S		78 °	41 ' 10 " W		870	33	INECEL	65 / 3 / 1	
H913	PALMIRA AJ PAUTE	LM	280	2 °	29 ' 25 " S		78 °	32 ' 40 " W		1910	17	INECEL	77 / 12 / 17	
H918	PAUTE AJ CARDENILLO	LG	280	2 °	34 ' 3 " S		78 °	29 ' 2 " W		1130	18	INECEL	8 / 9 / 11	
H900	PAUTE AJ DUDAS	LG	280	2 °	41 ' 10 " S		78 °	37 ' 29 " W		2000	18	INECEL	63 / 8 / 1	
H909	PAUTE AJ UPANO	LG	280	2 °	44 ' 19 " S		78 °	17 ' 24 " W		413	32	INECEL	76 / 1 / 21	
H914	PAUTE DJ JADAN	LG	280	2 °	51 ' 40 " S		78 °	51 ' 0 " W		2250	18	INECEL	83 / 5 / 16	
H917	PAUTE DJ LLAVIRCA	LM	280	2 °	38 ' 40 " S		78 °	36 ' 40 " W			18	INECEL	8 / 9 / 12	
H926	PAUTE DJ MOLINO	LG	280	2 °	35 ' 18 " S		78 °	31 ' 6 " W		1328	32	INECEL		75 / 3 / 1
H898	PAUTE DJ PALMIRA	LG	280	2 °	33 ' 42 " S		78 °	33 ' 30 " W		2100	18	INECEL	63 / 8 / 1	83 1 8
HA38	PAUTE EN PAUTE	LG	280	2 °	45 ' 26 " S		78 °	44 ' 33 " W			18	INECEL	97 / 2 / 21	
H894	PAUTE EN PAUTE(DJ GUALACEO)	LG	280	2 °	43 ' 35 " S		78 °	44 ' 25 " W		2150	18	INECEL	73 / 1 / 1	
H879	PAUTE EN SITIO 2-B(P.MAZAR)	LM	280	2 °	34 ' 54 " S		79 °	33 ' 48 " W		1990	18	INECEL	64 /	
H938	PORTETE AJ IRQUIS	LM	280	3 °	6 ' 3 " S		79 °	6 ' 33 " W		2700	18	INERHI	85 / 1 / 1	
H916	QDA.MOLINO AJ PAUTE	LG	280	2 °	36 ' 0 " S		78 °	31 ' 20 " W			32	INECEL	83 / 5 / 18	
H940	QUINGEO DJ TARQUI	LM	280	2 °	59 ' 3 " S		78 °	55 ' 9 " W		2800	18	INERHI	85 / 1 / 1	
H904	QUINUAS EN QUINUAS	LM	280	2 °	46 ' 50 " S		79 °	11 ' 34 " W			18	CREA	76 / 7 / 16	85 / 9 / 19
H886	SABANILLA AJ ZAMORA	LG	280	4 °	2 ' 3 " S		79 °	0 ' 22 " W		1080	33	INAMHI	63 / 12 / 1	85 / 7 / 6
H891	SAN FRANCISCO AJ ZAMORA	LG	280	3 °	57 ' 41 " S		79 °	3 ' 16 " W		1609	33	INAMHI	63 / 12 / 1	
H899	SAN FRANCISCO EN GUALACEO	LM	280	2 °	53 ' 43 " S		78 °	45 ' 49 " W		2400	18	INAMHI	65 / 1 / 1	
H945	SANTA BARBARA AJ BOLO	LM	280	3 °	3 ' 28 " S		78 °	47 ' 43 " W		2390	18	INERHI	79 / 2 / 1	
H934	SANTIAGO EN PACHI	LM	280	3 °	47 ' 7 " S		79 °	17 ' 17 " W		2435	19	INERHI	8 / 12 / 12	
H925	SHINCATA DJ BETAS	LG	280								33	INECEL	85 / 3 / 19	
H943	SHUCAY AJ TARQUI	LM	280	2 °	57 ' 25 " S		79 °	2 ' 53 " W		2640	18	INERHI	79 / 2 / 1	
H897	SURUCUCHO AJ LLLULLUCHAS	LM	280	2 °	50 ' 27 " S		79 °	7 ' 45 " W		2980	18	CREA	68 / 1 / 1	
H919	TABACAY EN F.CM.GUAPAN(AJ BURGAY)	LM	280	2 °	43 ' 27 " S		78 °	50 ' 55 " W		2530	17	INECEL	76 / 3 / 1	79 / 2 / 1
HA33	TARQUI A.J. YANUNCAY (3 PUENTES)	LG	280	2 °	54 ' 54 " S		79 °	0 ' 30 " W			18	INECEL	97 / 2 / 21	
H939	TARQUI AJ CUMBE	LM	280	3 °	2 ' 25 " S		79 °	3 ' 4 " W		2640	18	INERHI	79 / 2 / 1	
HA34	TARQUI D.J. CUMBE	LG	280	3 °	2 ' 11 " S		79 °	1 ' 56 " W			18	INECEL	97 / 2 / 21	
H942	TARQUI DJ SHUCAY	LM	280	2 °	57 ' 12 " S		79 °	2 ' 45 " W		2640	18	INERHI	79 / 2 / 1	
H895	TOMBAMBA EN MONAY	LG	280	2 °	53 ' 29 " S		78 °	57 ' 59 " W		2480	18	INAMHI	64 / 7 / 1	
HA35	TOMBAMBA EN UCUBAMBA	LG	280	2 °	52 ' 20 " S		78 °	56 ' 48 " W			18	INECEL	97 / 2 / 21	
H883	TUTAMANGOZA EN SUCUA	LG	280	2 °	29 ' 3 " S		78 °	10 ' 0 " W		850	32	INECEL	72 / 5 / 25	
H910	UPANO DJ SANGAY	LG	280	2 °	8 ' 58 " S		78 °	10 ' 56 " W		1390	32	INECEL	79 / 11 / 22	
H908	UPANO DJ TUTAMANGOZA	LG	280	2 °	36 ' 58 " S		78 °	10 ' 45 " W		550	32	INECEL	76 / 1 / 21	
H887	YACUAMBI AJ ZAMORA	LG	280	3 °	54 ' 26 " S		78 °	50 ' 52 " W		890	33	INECEL	75 / 2 / 1	
H912	YACUAMBI EN LA PAZ	LG	280	3 °	42 ' 30 " S		78 °	53 ' 48 " W		940	33	INECEL	76 / 1 / 15	
H944	YANUNCAY AJ CHICO SOLDADOS	LM	280	2 °	56 ' 49 " S		79 °	9 ' 40 " W		3000	18	INERHI	79 / 4 / 1	
H893	YANUNCAY AJ TARQUI	LM	280	2 °	54 ' 46 " S		79 °	0 ' 24 " W		2500	18	INAMHI	64 / 6 / 1	
HA32	YANUNCAY EN PUCAN	LG	280	2 °	56 ' 36 " S		79 °	10 ' 9 " W			18	INECEL	97 / 2 / 21	
H884	ZAMORA AJ BOMBOIZA	LG	280	3 °	27 ' 30 " S		78 °	29 ' 30 " W		800	33	INECEL	75 / 2 / 15	
H928	ZAMORA AJ NAMANGOZA	LG	280	3 °	5 ' 0 " S		78 °	14 ' 50 " W		340	32	INECEL	75 / 7 / 1	
H890	ZAMORA DJ NANGARITZA	LG	280	3 °	45 ' 45 " S		78 °	38 ' 25 " W		890	33	INECEL	75 / 2 / 1	
H888	ZAMORA DJ S.FRANCISCO	LG	280	3 °	57 ' 8 " S		79 °	1 ' 30 " W		1590	33	INECEL	63 / 12 / 1	
H889	ZAMORA DJ SABANILLA(EN ZAMORA)	LG	280	4 °	3 ' 39 " S		78 °	56 ' 56 " W		980	33	INECEL	73 / 12 / 1	
HA2M	MATADERO EN CHIRIMACHAY	AU	280	2 °	48 ' 12 " S		78 °	8 ' 45 " W		3260	18	INAMHI	95 / 3 / 1	
HA2N	CANAL CHIRIMACHAY	LM	280	2 °	48 ' 0 " S		78 °	8 ' 0 " W		3260	18	INAMHI	95 / 3 / 1	
300 CUENCA DEL RIO MAYO CHINCHIPE														
H968	IZIMANCHE EN IZIMANCHE	LM	300	4 °	49 ' 30 " S		79 °	7 ' 1 " W		790	33	INECEL	84 / 12 / 14	
H966	MAYO AJ QDA.ZUMBAYACU	LG	300	4 °	52 ' 25 " S		79 °	5 ' 22 " W		700	33	INECEL	79 / 6 / 11	
H967	PALANDA AJ VALLADOLID	LM	300	4 °	38 ' 0 " S		79 °	7 ' 47 " W		960	33	INECEL	77 / 1 / 27	

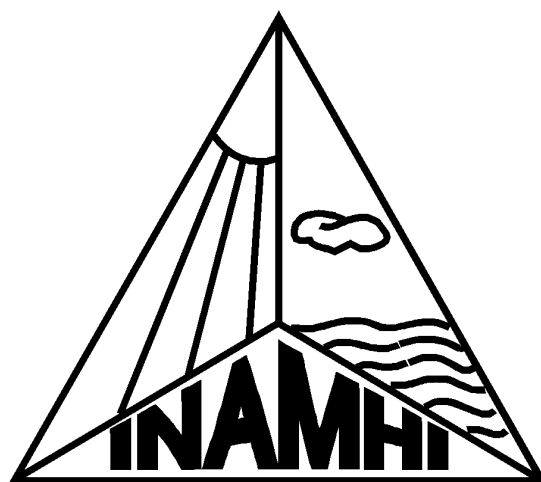
LISTADO DE ESTACIONES CON INFORMACION SEDIMENTOLOGICA
A Ñ O 1997

DIVISION DE HIDROLOGIA

DEPARTAMENTO DE AGUAS SUBTERRANEAS Y SEDIMENTOLOGIA

E-1

CUENCA	COD. ESTAC.	E S T A C I O N	PERIODO	TOTAL AFOROS	AFOROS REALIZADOS 1997	OBSERVACIONES
ESMERAL.	H-168	Esmeraldas D.J. Sade	75-01/97-10	22	1	Con curva
	H-710	Guayllabamba A.J. Blanco	78-10/97-10	21	1	Con curva
	H-158	Pita A.J. Salto	78-04/97-05	15	1	Con curva
	H-167	Toachi en Sto. Domingo	84-04/97-10	16	1	Con curva
CHONE	H-229	Carrizal en Calceta	76-12/97-10	15	1	Con Curva
PORTOVIE.	H-AZD	Portoviejo en Picoazá	92-03/97-10	3	1	
GUAYAS	H-340	Chimbo en Bucay	78-11-/97-06	35	1	Con Curva
	H-338	Chimbo D.J. Pangor	78-07/97-06	29	1	Con curva
	H-331	Chimbo en San Lorenzo	78-03/97-05	16	1	Con Curva
	H-334	De Chima Las Pesquerías	78-03/97-05	11	1	Con Curva
JUBONES	H-530	Jubones en Ushcurrumi	75-06/97-10	29	1	Con Curva
	H-591	Jubones D.J. San Francisco	75-07/94-10	21	1	Con curva
PUYANGO	H-587	Pindo A.J. Amarillo	78-06/97-10	66	1	Con Curva
TUMBEZ	H-591	Puyango en Pte. Carrtera	77-12/97-05	123	1	Con curva
CATAMAYO CHIRA	H-617	Arenal en Pte. Boquerón	77-12/97-05	28	1	Con curva
	H-AZS	Catamayo en Pte. Vicín	97-10/97-10	1	1	
	H-626	Macará en Pte. Internacional	77-11/97-10	22	1	Con Curva
PASTAZA	H-792	Cutuchi A.J. Yanayacu	73-01/97-05	31	1	Con curva
	H-826	Chambo en Hda. Cahuaji	93-08/97-06	7	1	
	H-817	Patate A.J. Ambato	96-02/97-05	3	1	
SANTIAGO	H-881	Bomboiza A.J. Zamora	78-09/97-05	16	1	Con Curva
	H-883	Tutanangoza en Súcua	78-06/97-05	18	1	Con curva
	H-884	Zamora A.J. Bomboiza	78-09/97-05	15	1	Con Curva
	H-887	Yacuambí A.J. Zamora	78-0-/97-05	23	1	Con curva
	H-888	Zamora D.J. San Francisco	78-09/97-05	20	1	Con curva
	H-889	Zamora D.J. Sabanilla	78-09/97-05	24	1	Con curva



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